

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042820\
 Data File : VX015963.D
 Acq On : 28 Apr 2020 11:36
 Operator : JC/SP
 Sample : VSTDIC010
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Quant Time: Apr 28 12:51:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042820W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 28 12:43:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	296403	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	547026	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	489920	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	228849	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	46719	10.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.92%	
35) Dibromofluoromethane	5.47	113	32168	9.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.46%	
50) Toluene-d8	8.70	98	132914	10.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.24%	
62) 4-Bromofluorobenzene	11.12	95	49065	9.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.02%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	30411	9.505	ug/l 100
3) Chloromethane	1.31	50	36262	9.100	ug/l 98
4) Vinyl Chloride	1.39	62	44777	9.238	ug/l 98
5) Bromomethane	1.64	94	29956	15.088	ug/l 100
6) Chloroethane	1.72	64	27015	9.050	ug/l 97
7) Trichlorofluoromethane	1.92	101	54401	9.080	ug/l 97
8) Diethyl Ether	2.17	74	24870	9.091	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	31387	9.366	ug/l 98
10) Methyl Iodide	2.50	142	36331	8.053	ug/l 98
11) Tert butyl alcohol	3.01	59	52623	47.160	ug/l 98
12) 1,1-Dichloroethene	2.36	96	32537	9.217	ug/l 96
13) Acrolein	2.27	56	11742	52.030	ug/l 92
14) Allyl chloride	2.71	41	59708	9.527	ug/l 100
15) Acrylonitrile	3.12	53	107486	47.080	ug/l 100
16) Acetone	2.42	43	93550	47.436	ug/l 97
17) Carbon Disulfide	2.55	76	101149	8.712	ug/l 98
18) Methyl Acetate	2.75	43	52947	9.211	ug/l 97
19) Methyl tert-butyl Ether	3.17	73	118641	9.278	ug/l 96
20) Methylene Chloride	2.84	84	37970	9.425	ug/l 95
21) trans-1,2-Dichloroethene	3.14	96	34993	9.030	ug/l 97
22) Diisopropyl ether	3.82	45	114431	9.207	ug/l 99
23) Vinyl Acetate	3.79	43	497978	46.894	ug/l 98
24) 1,1-Dichloroethane	3.67	63	66022	9.360	ug/l 99
25) 2-Butanone	4.64	43	151082	47.414	ug/l 99
26) 2,2-Dichloropropane	4.56	77	58355	9.114	ug/l 99
27) cis-1,2-Dichloroethene	4.57	96	39694	9.040	ug/l 99
28) Bromochloromethane	4.99	49	31070	9.964	ug/l 99
29) Tetrahydrofuran	5.09	42	97935	46.696	ug/l 99
30) Chloroform	5.18	83	64912	9.287	ug/l 96
31) Cyclohexane	5.55	56	59374	9.334	ug/l 98
32) 1,1,1-Trichloroethane	5.47	97	57627	9.221	ug/l 99
36) 1,1-Dichloropropene	5.78	75	49191	8.815	ug/l 99
37) Ethyl Acetate	4.79	43	58638	9.499	ug/l 99
38) Carbon Tetrachloride	5.76	117	48387	9.043	ug/l 96

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Quant Time: Apr 28 12:51:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042820W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 28 12:43:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	59554	8.890	ug/l	95
40) Benzene	6.12	78	147873	9.091	ug/l	100
41) Methacrylonitrile	5.01	41	31428	9.675	ug/l	98
42) 1,2-Dichloroethane	6.17	62	55189	9.287	ug/l	99
43) Isopropyl Acetate	6.42	43	94240	9.195	ug/l	99
44) Trichloroethene	7.20	130	51081	9.559	ug/l	90
45) 1,2-Dichloropropane	7.49	63	39457	9.495	ug/l	100
46) Dibromomethane	7.64	93	26421	9.400	ug/l	97
47) Bromodichloromethane	7.88	83	50783	8.889	ug/l	100
48) Methyl methacrylate	7.75	41	44240	9.222	ug/l	99
49) 1,4-Dioxane	7.71	88	20492	190.658	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	290258	46.961	ug/l	99
52) Toluene	8.77	92	92414	9.094	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	61257	8.929	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	64501	9.008	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	35640	8.732	ug/l	98
56) Ethyl methacrylate	9.16	69	61342	9.176	ug/l	98
57) 1,3-Dichloropropane	9.35	76	63788	9.025	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	154414	45.150	ug/l	99
59) 2-Hexanone	9.48	43	224407	46.592	ug/l	99
60) Dibromochloromethane	9.57	129	35586	8.624	ug/l	98
61) 1,2-Dibromoethane	9.65	107	37722	8.854	ug/l	97
64) Tetrachloroethene	9.32	164	50713	9.492	ug/l	91
65) Chlorobenzene	10.12	112	95171	9.191	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.21	131	33638	9.064	ug/l	97
67) Ethyl Benzene	10.24	91	176343	9.262	ug/l	99
68) m/p-Xylenes	10.34	106	129057	18.163	ug/l	98
69) o-Xylene	10.68	106	62179	9.068	ug/l	98
70) Styrene	10.70	104	103953	8.964	ug/l	98
71) Bromoform	10.84	173	22657	8.627	ug/l #	96
73) Isopropylbenzene	11.01	105	165615	9.175	ug/l	100
74) N-amyl acetate	10.88	43	80767	9.501	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	25611	7.341	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	73571	12.823	ug/l	82
77) Bromobenzene	11.24	156	37972	9.370	ug/l	99
78) n-propylbenzene	11.35	91	194020	9.062	ug/l	100
79) 2-Chlorotoluene	11.41	91	114368	9.093	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	138351	8.994	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	22663	9.145	ug/l	96
82) 4-Chlorotoluene	11.49	91	133722	8.929	ug/l	100
83) tert-Butylbenzene	11.76	119	116647	9.041	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	141742	9.129	ug/l	100
85) sec-Butylbenzene	11.93	105	161200	9.033	ug/l	100
86) p-Isopropyltoluene	12.05	119	144638	8.821	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	67849	8.832	ug/l	97
88) 1,4-Dichlorobenzene	12.09	146	70316	9.076	ug/l	97
89) n-Butylbenzene	12.37	91	134506	8.875	ug/l	99
90) Hexachloroethane	12.58	117	24628	8.764	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	68581	9.296	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	13364	9.021	ug/l	99

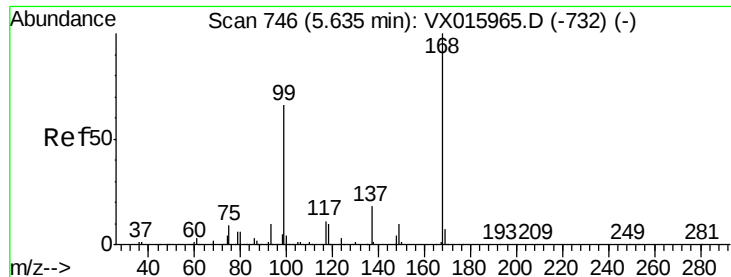
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042820\
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042820W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 28 12:43:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	43954	9.143	ug/l	94
94) Hexachlorobutadiene	13.77	225	16303	8.979	ug/l	92
95) Naphthalene	13.82	128	170471	9.340	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	43027	9.109	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.00 min

Lab File: VX015963.D

Acq: 28 Apr 2020 11:36

Instrument :

MSVOA_N

ClientSampleId :

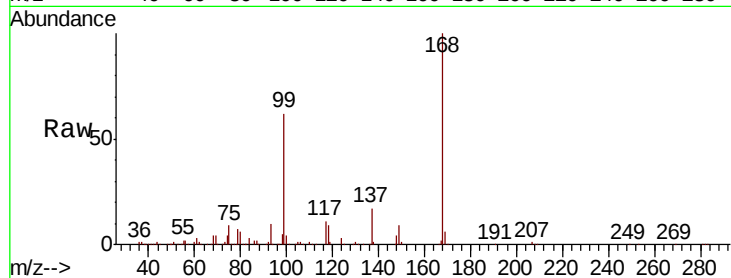
VSTDIC020

Tot Ion:168 Resp: 296403

Ion Ratio Lower Upper

168 100

99 62.0 52.8 79.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

120000

100000

80000

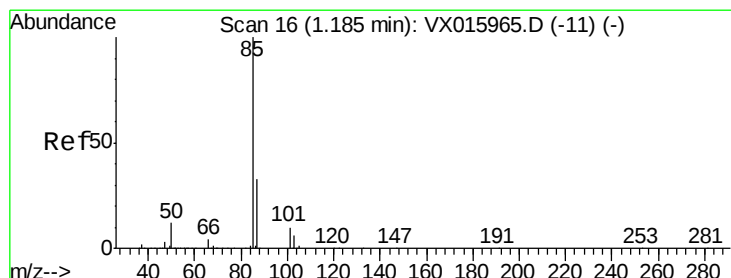
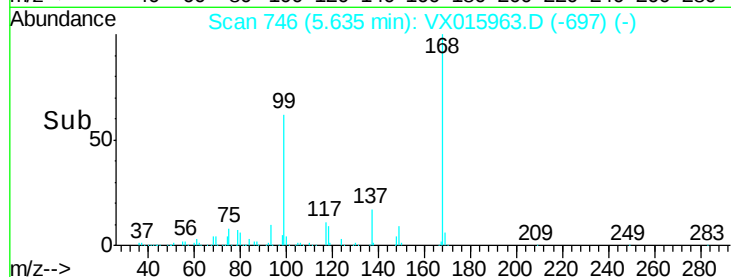
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 9.505 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX015963.D

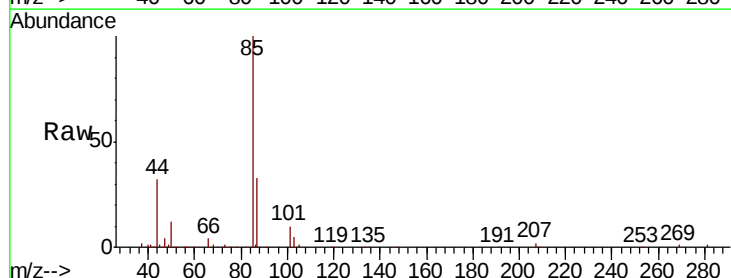
Acq: 28 Apr 2020 11:36

Tgt Ion: 85 Resp: 30411

Ion Ratio Lower Upper

85 100

87 32.6 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

40000

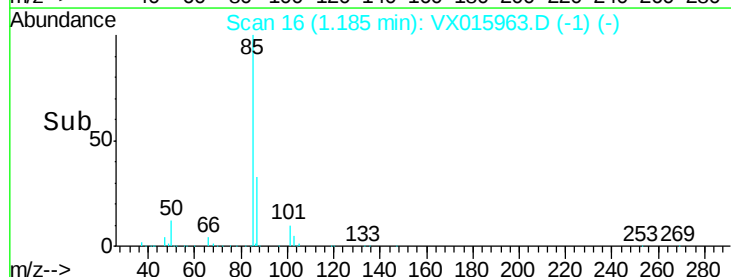
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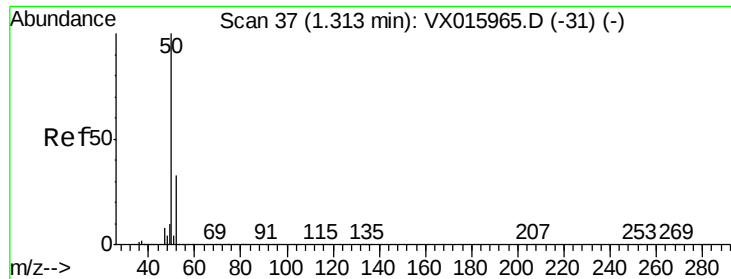
20000

10000

0

Time-->





#3

Chloromethane

Concen: 9.100 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX015963.D

Acq: 28 Apr 2020 11:36

Instrument :

MSVOA_N

ClientSampleId :

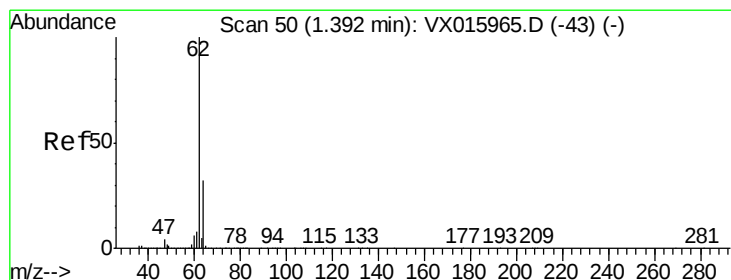
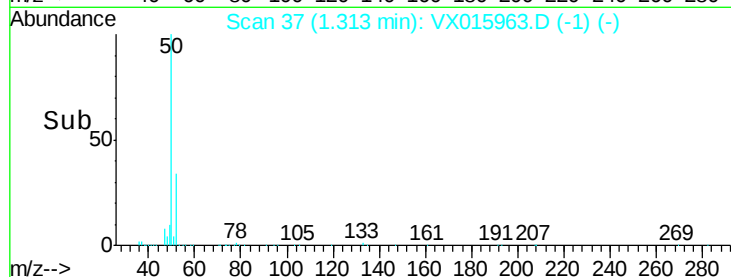
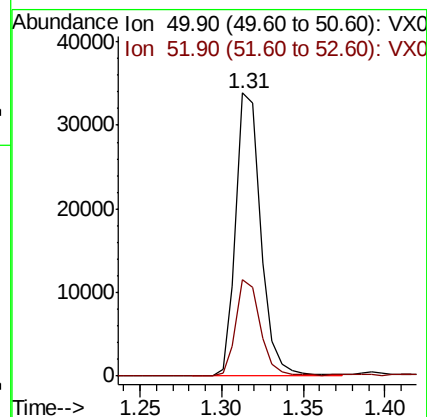
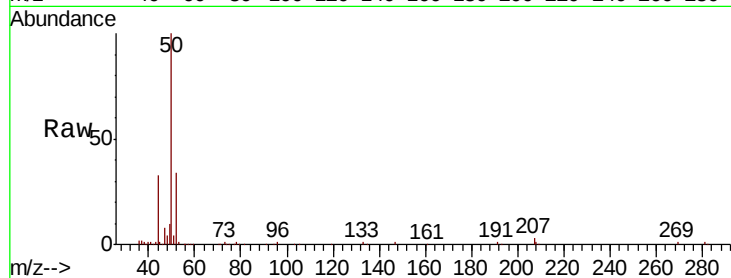
VSTDIC020

Tot Ion: 50 Resp: 36262

Ion Ratio Lower Upper

50 100

52 34.1 26.3 39.5



#4

Vinyl Chloride

Concen: 9.238 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX015963.D

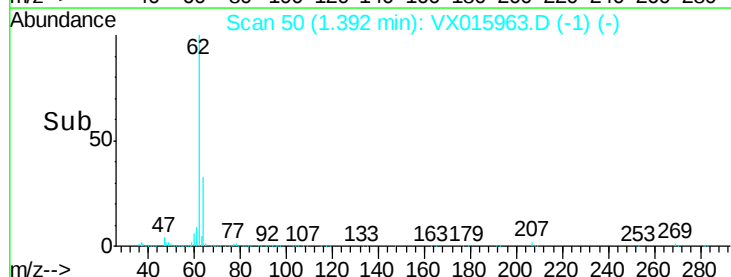
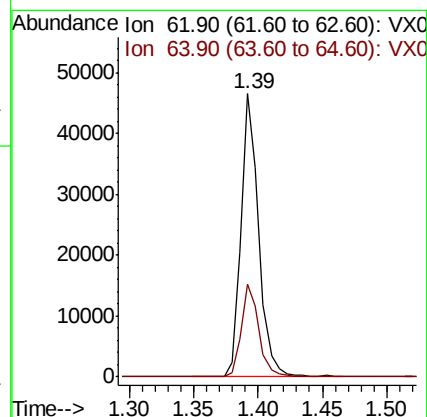
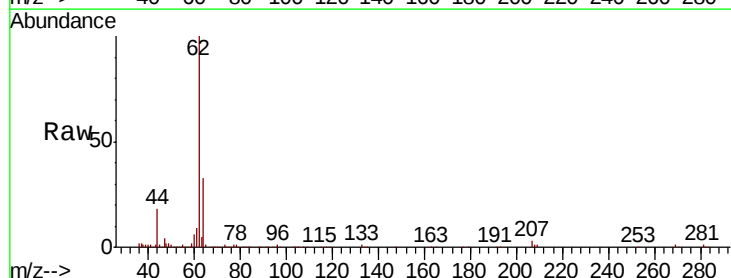
Acq: 28 Apr 2020 11:36

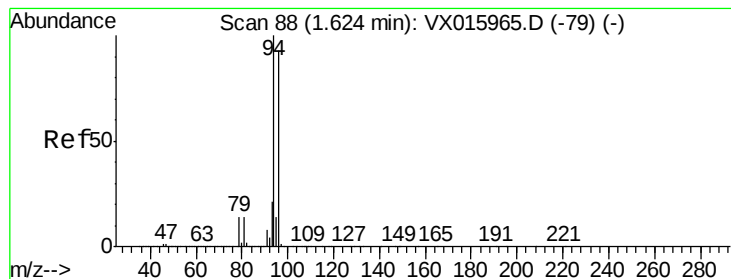
Tgt Ion: 62 Resp: 44777

Ion Ratio Lower Upper

62 100

64 32.5 25.4 38.0





#5

Bromomethane

Concen: 15.088 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.01 min

Lab File: VX015963.D

Acq: 28 Apr 2020 11:36

Instrument :

MSVOA_N

ClientSampled :

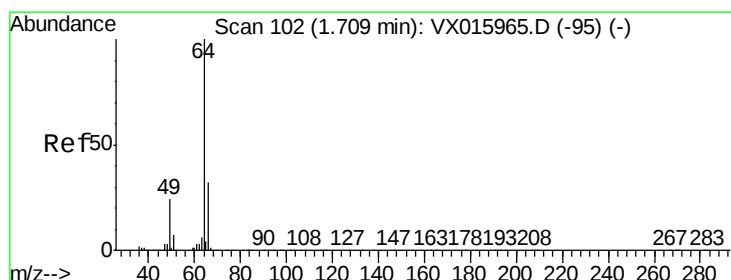
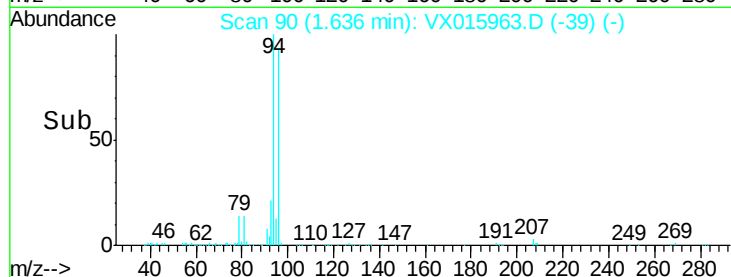
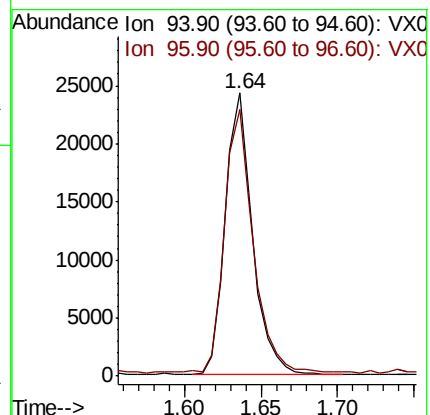
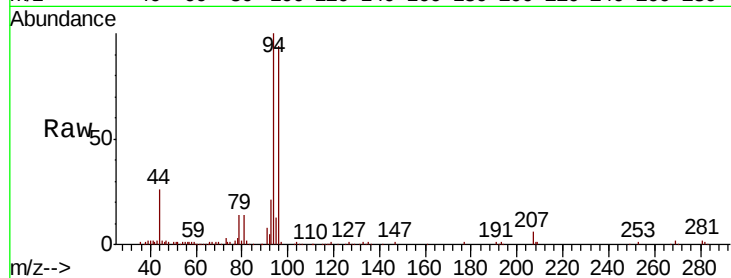
VSTDIC020

Tot Ion: 94 Resp: 29956

Ion Ratio Lower Upper

94 100

96 93.1 74.8 112.2



#6

Chloroethane

Concen: 9.050 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX015963.D

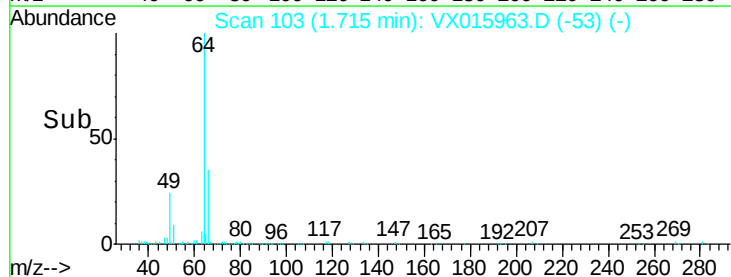
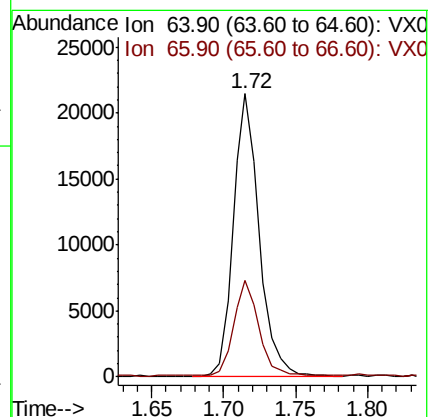
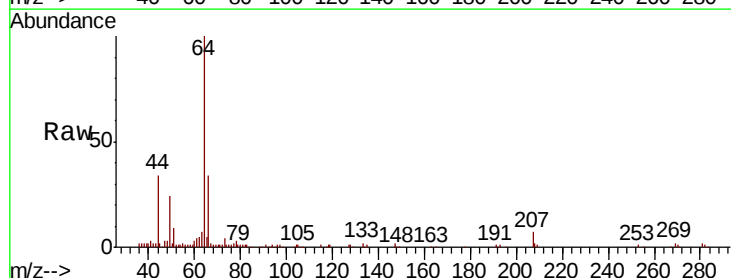
Acq: 28 Apr 2020 11:36

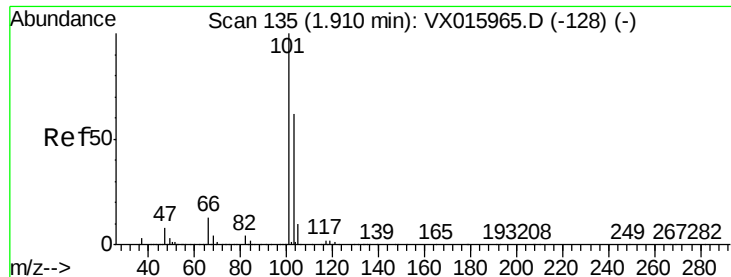
Tgt Ion: 64 Resp: 27015

Ion Ratio Lower Upper

64 100

66 33.7 25.5 38.3



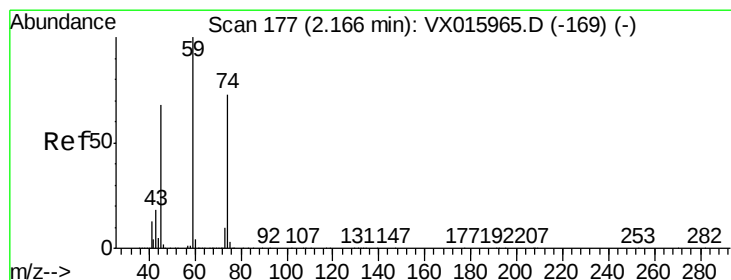
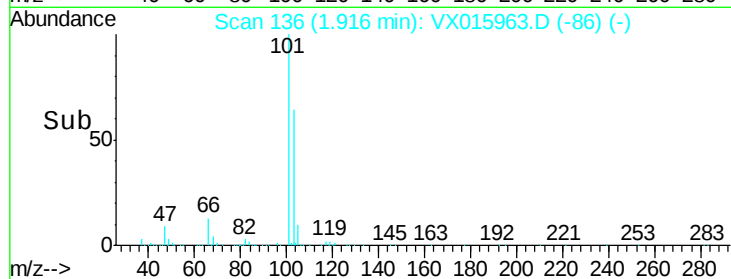
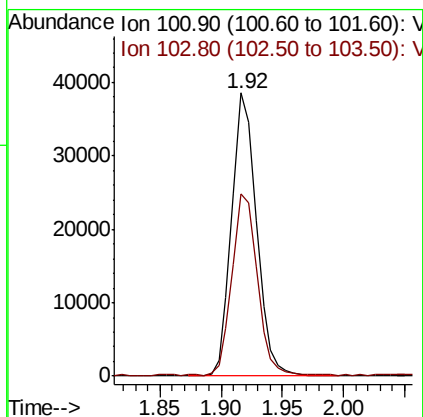
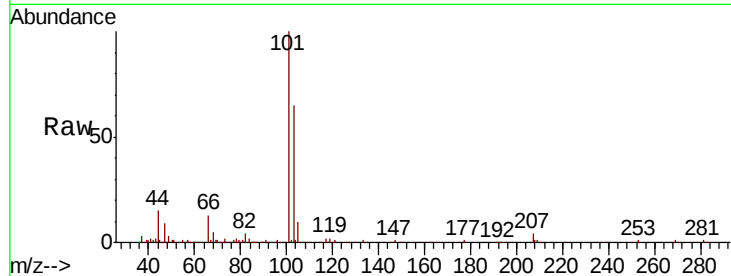


#7

Trichlorofluoromethane
Concen: 9.080 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX015963.D
Acq: 28 Apr 2020 11:36

Instrument :
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ClientSampleId :
VSTDIC020

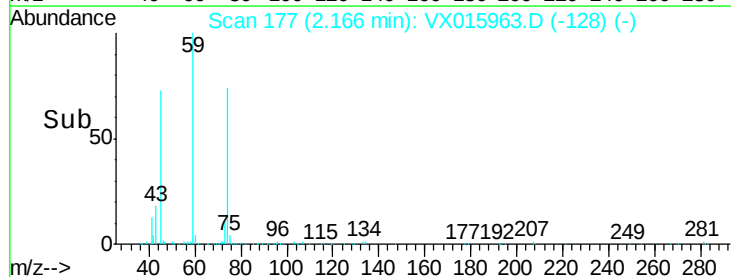
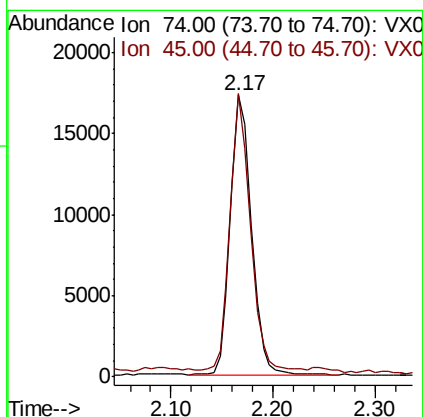
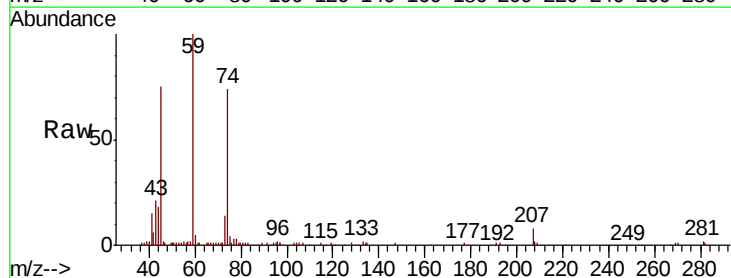
Tot Ion:101 Resp: 54401
Ion Ratio Lower Upper
101 100
103 64.3 49.4 74.2

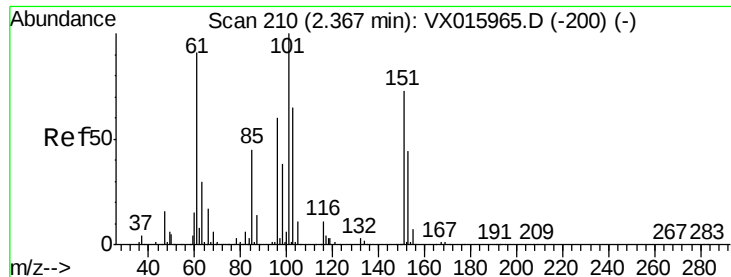


#8

Diethyl Ether
Concen: 9.091 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX015963.D
Acq: 28 Apr 2020 11:36

Tgt Ion: 74 Resp: 24870
Ion Ratio Lower Upper
74 100
45 92.6 46.7 140.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 9.366 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX015963.D

Acq: 28 Apr 2020 11:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

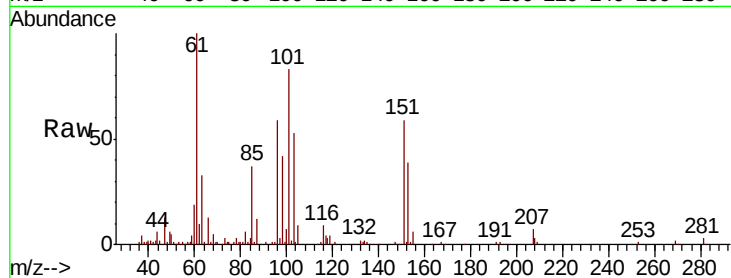
Tot Ion:101 Resp: 31387

Ion Ratio Lower Upper

101 100

85 44.3 36.2 54.4

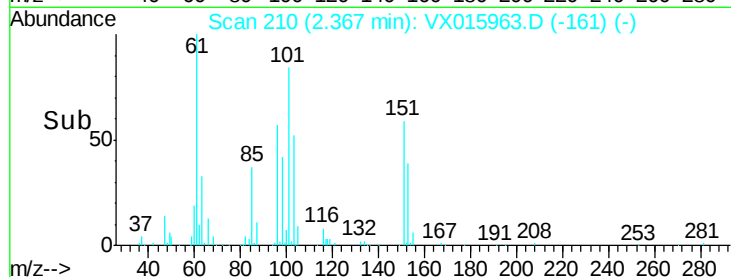
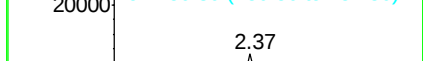
151 70.2 57.2 85.8



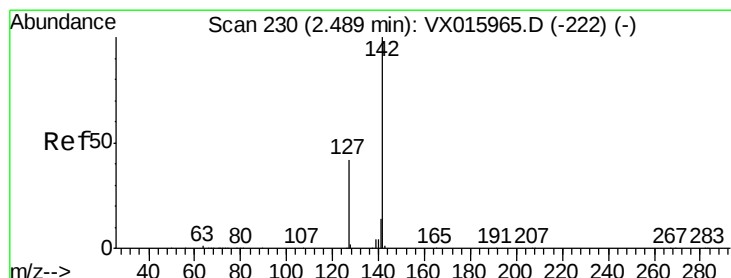
Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



Time-->



#10

Methyl Iodide

Concen: 8.053 ug/l

RT: 2.50 min Scan# 231

Delta R.T. 0.01 min

Lab File: VX015963.D

Acq: 28 Apr 2020 11:36

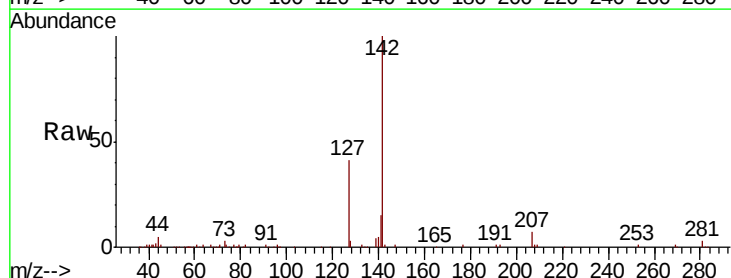
Tgt Ion:142 Resp: 36331

Ion Ratio Lower Upper

142 100

127 44.5 34.6 51.8

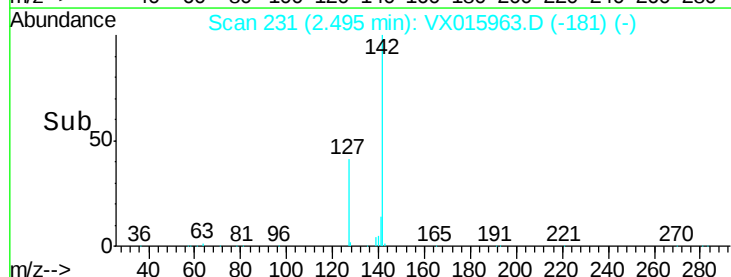
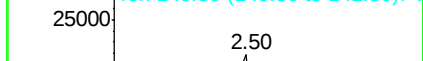
141 14.5 11.3 16.9



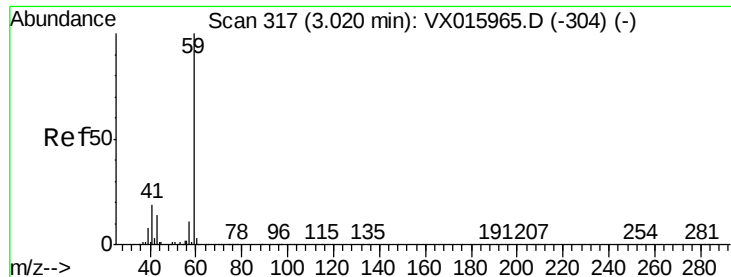
Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



Time-->

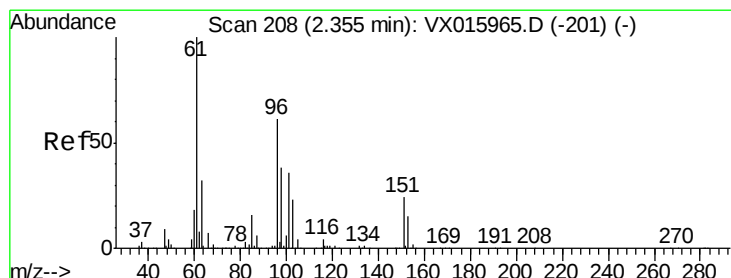
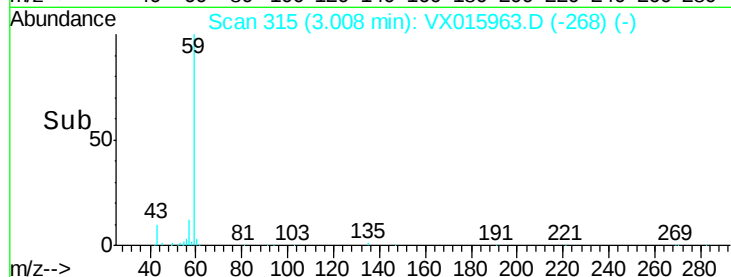
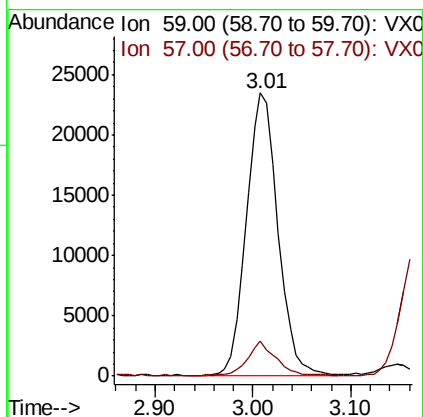
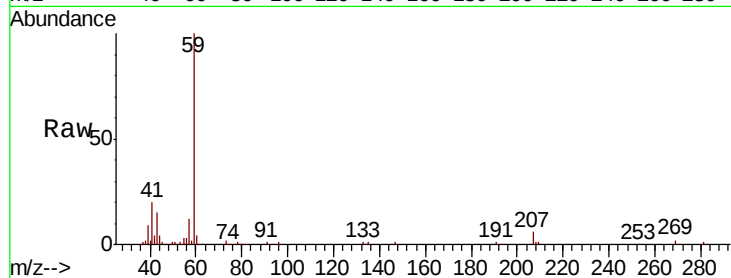


#11

Tert butyl alcohol
 Concen: 47.160 ug/l
 RT: 3.01 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX015963.D
 Acq: 28 Apr 2020 11:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

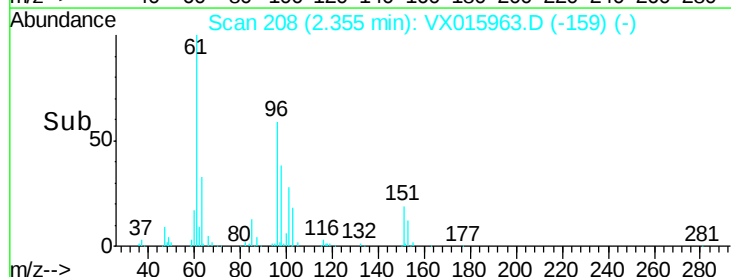
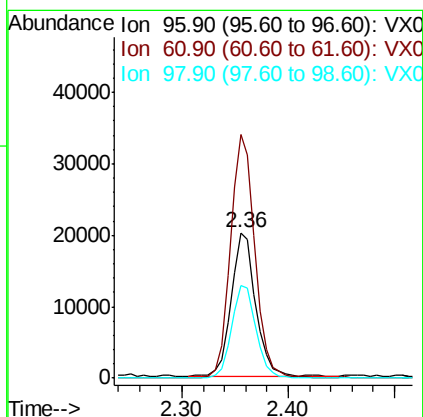
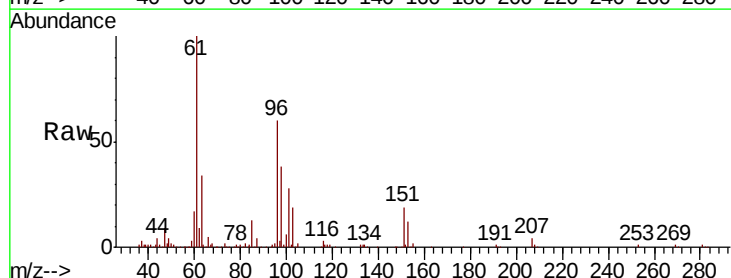
Tot Ion: 59 Resp: 52623
 Ion Ratio Lower Upper
 59 100
 57 11.0 8.3 12.5

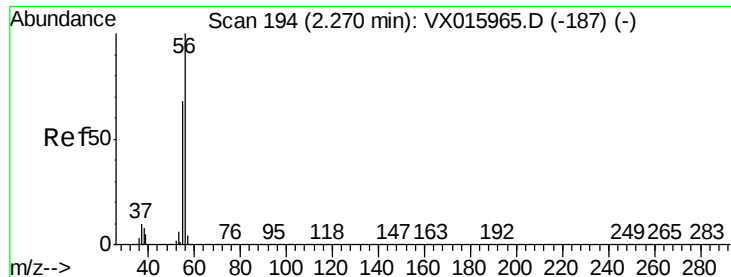


#12

1,1-Dichloroethene
 Concen: 9.217 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. 0.00 min
 Lab File: VX015963.D
 Acq: 28 Apr 2020 11:36

Tgt Ion: 96 Resp: 32537
 Ion Ratio Lower Upper
 96 100
 61 168.7 131.1 196.7
 98 64.5 49.4 74.2





#13

Acrolein

Concen: 52.030 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX015963.D

Acq: 28 Apr 2020 11:36

Instrument :

MSVOA_N

ClientSampleId :

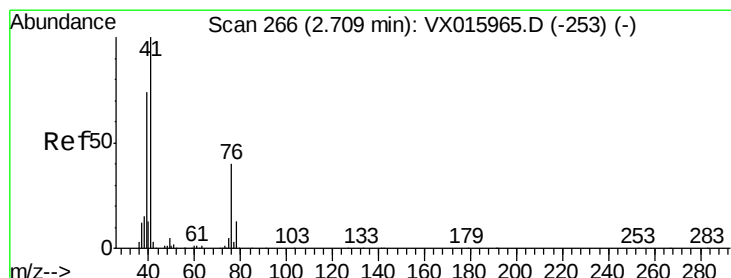
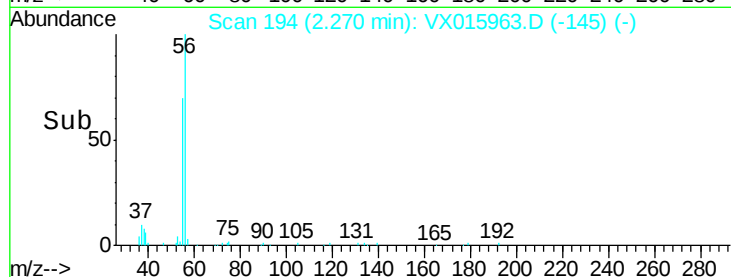
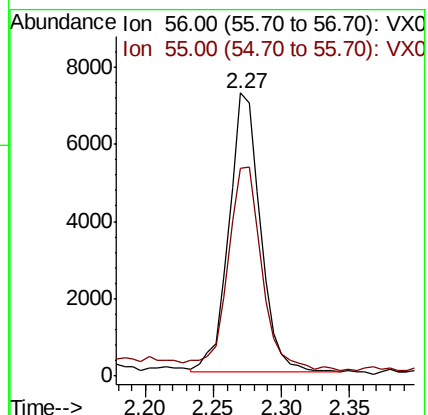
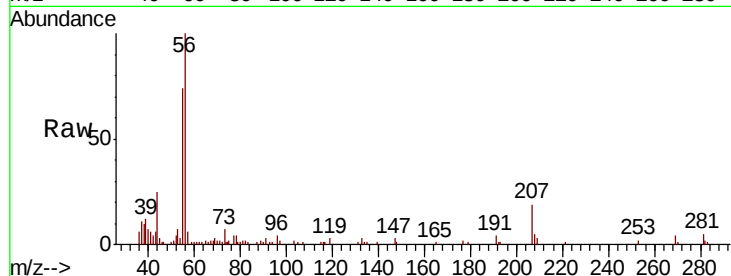
VSTDIC020

Tot Ion: 56 Resp: 11742

Ion Ratio Lower Upper

56 100

55 78.5 57.2 85.8



#14

Allyl chloride

Concen: 9.527 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX015963.D

Acq: 28 Apr 2020 11:36

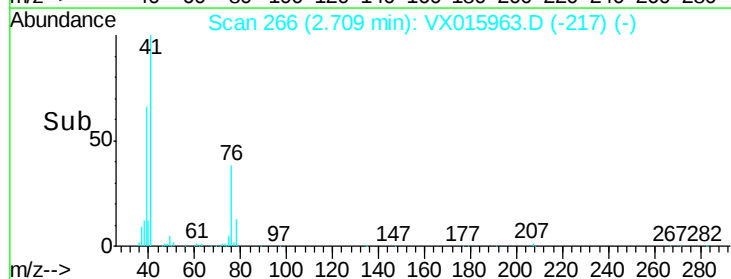
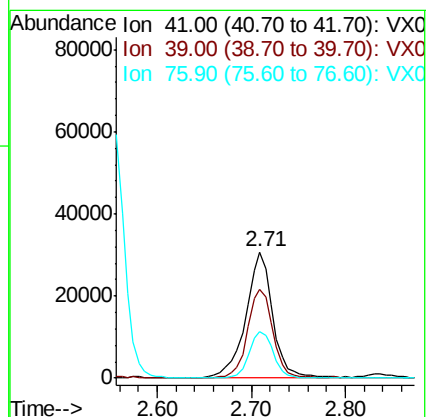
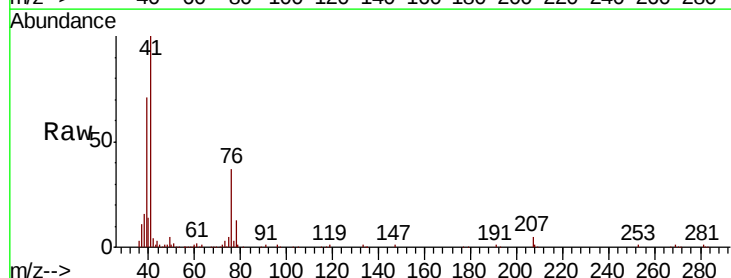
Tgt Ion: 41 Resp: 59708

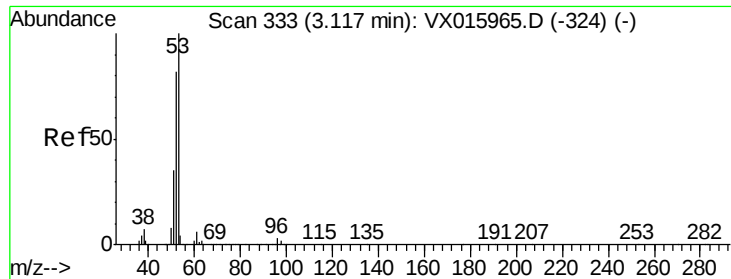
Ion Ratio Lower Upper

41 100

39 66.7 53.2 79.8

76 34.6 27.7 41.5





#15

Acrylonitrile

Concen: 47.080 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX015963.D

Acq: 28 Apr 2020 11:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

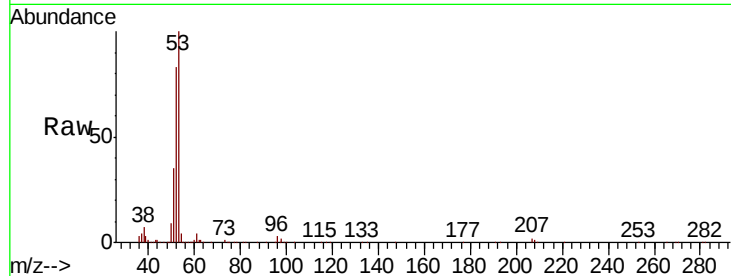
Tot Ion: 53 Resp: 107486

Ion Ratio Lower Upper

53 100

52 83.0 66.3 99.5

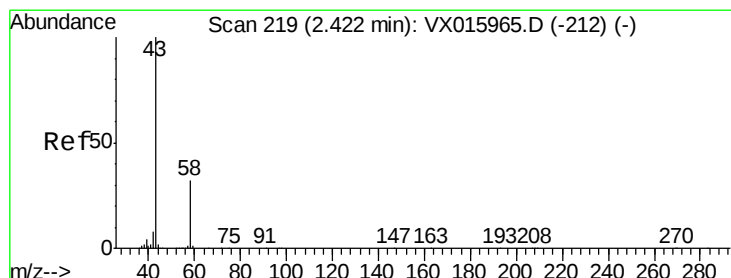
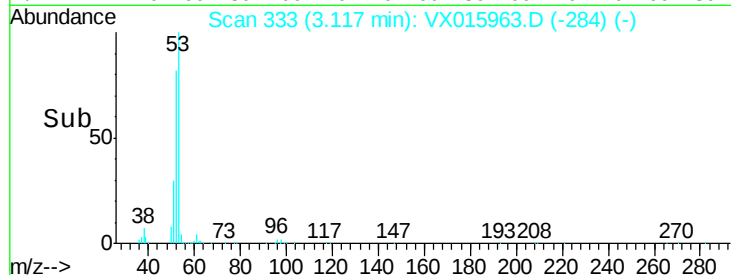
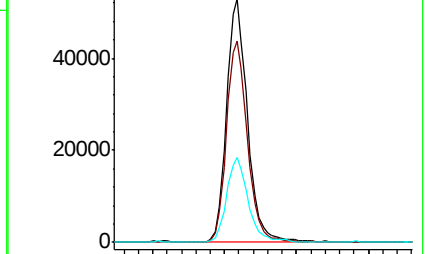
51 35.4 29.0 43.4



Abundance Ion 53.00 (52.70 to 53.70): VX015963.D (-284) (-)

Ion 52.00 (51.70 to 52.70): VX015963.D (-284) (-)

Ion 51.00 (50.70 to 51.70): VX015963.D (-284) (-)



#16

Acetone

Concen: 47.436 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX015963.D

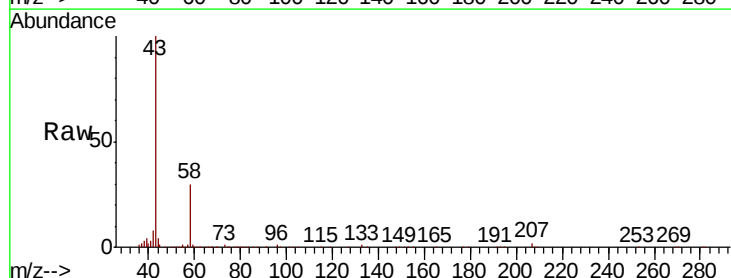
Acq: 28 Apr 2020 11:36

Tgt Ion: 43 Resp: 93550

Ion Ratio Lower Upper

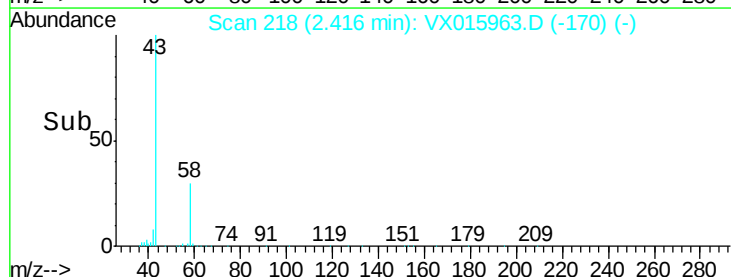
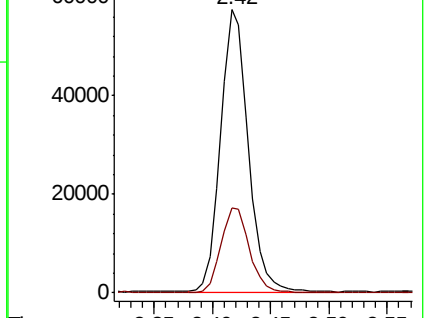
43 100

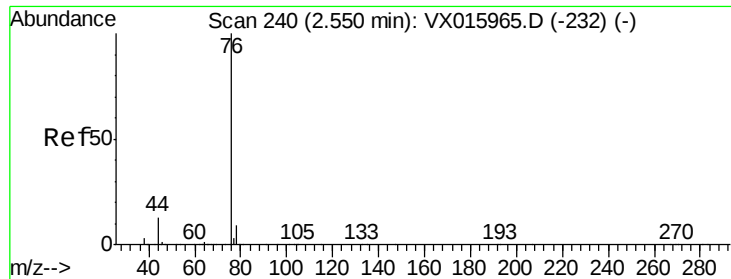
58 30.1 25.4 38.2



Abundance Ion 43.00 (42.70 to 43.70): VX015963.D (-170) (-)

Ion 58.00 (57.70 to 58.70): VX015963.D (-170) (-)

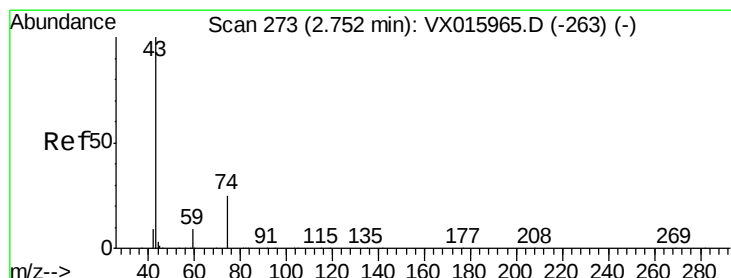
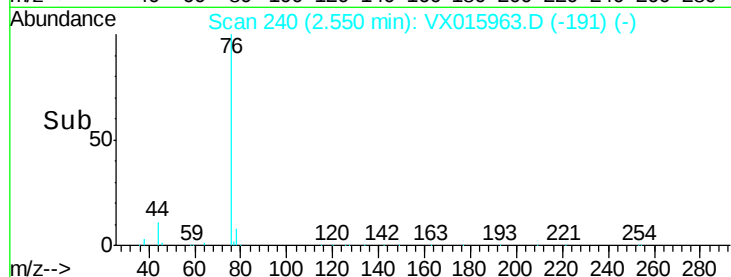
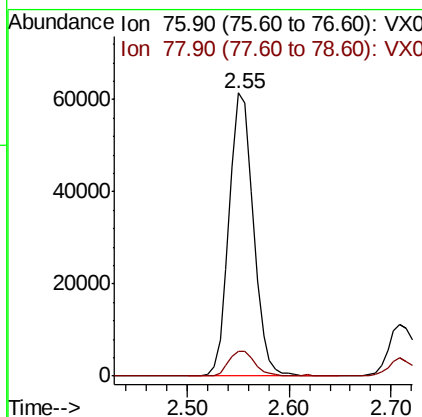
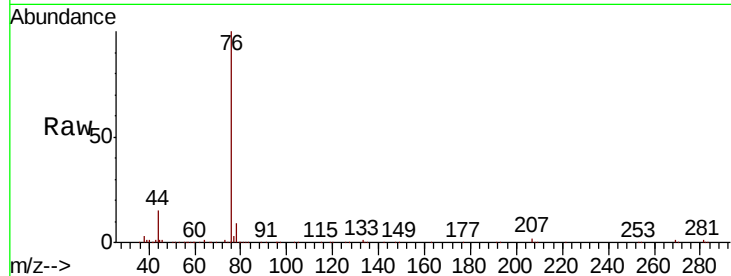




#17
Carbon Disulfide
Concen: 8.712 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX015963.D
Acq: 28 Apr 2020 11:36

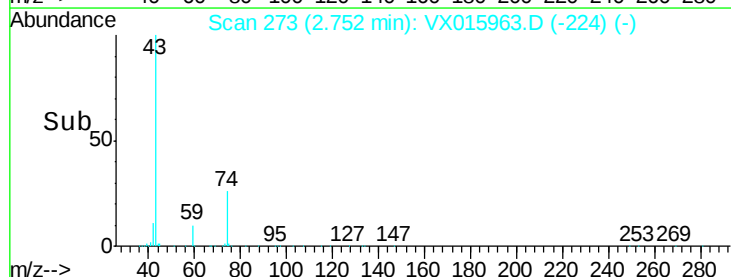
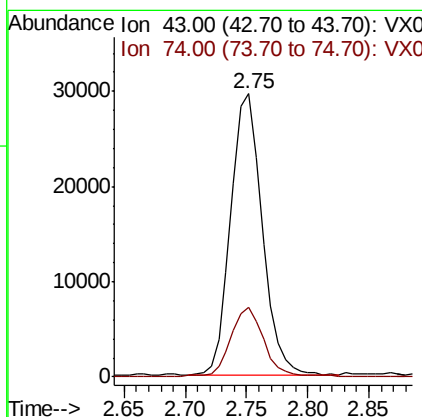
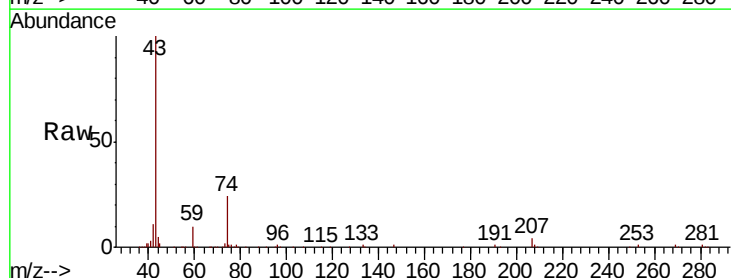
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

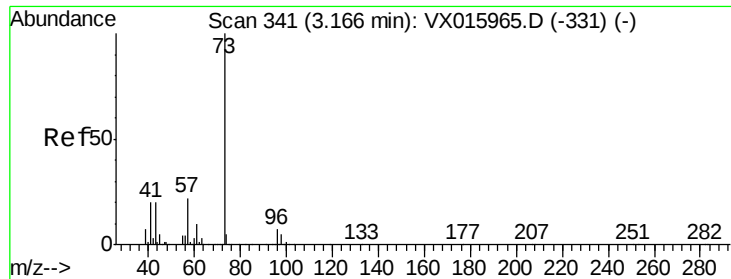
Tot Ion: 76 Resp: 101149
Ion Ratio Lower Upper
76 100
78 8.4 7.2 10.8



#18
Methyl Acetate
Concen: 9.211 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX015963.D
Acq: 28 Apr 2020 11:36

Tgt Ion: 43 Resp: 52947
Ion Ratio Lower Upper
43 100
74 26.2 19.8 29.6

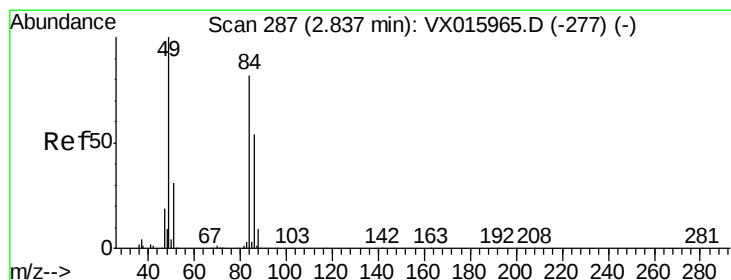
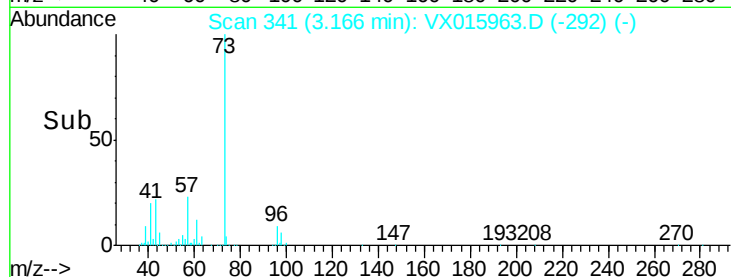
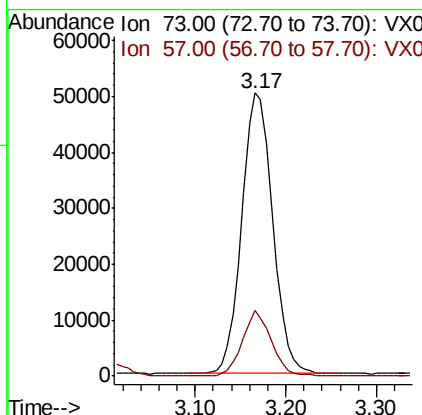
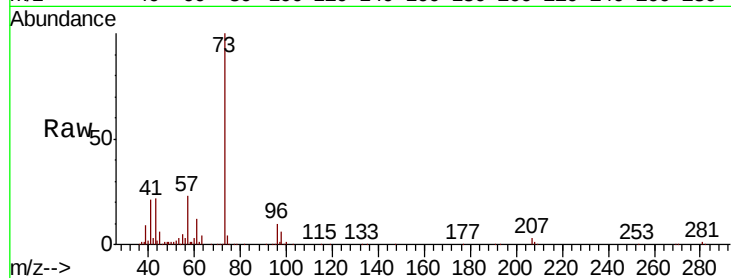




#19
Methyl tert-butyl Ether
Concen: 9.278 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX015963.D
Acq: 28 Apr 2020 11:36

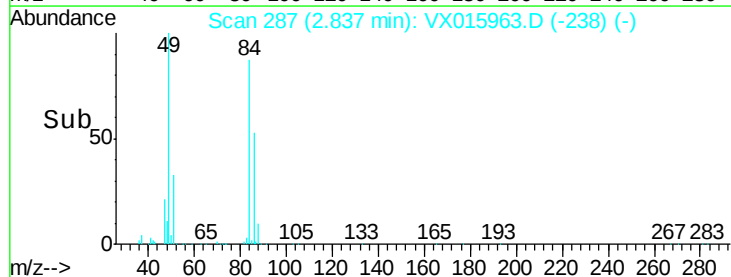
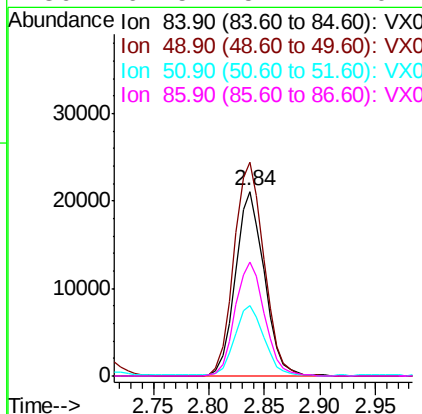
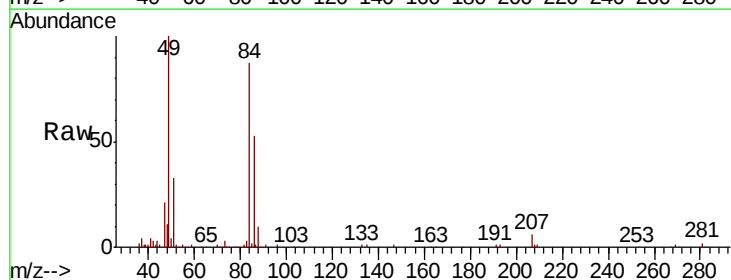
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

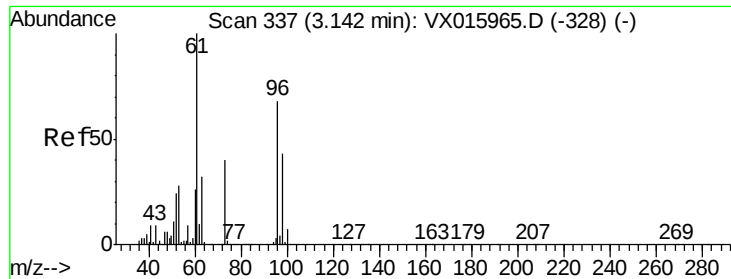
Tot Ion: 73 Resp: 118641
Ion Ratio Lower Upper
73 100
57 23.6 17.4 26.2



#20
Methylene Chloride
Concen: 9.425 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX015963.D
Acq: 28 Apr 2020 11:36

Tgt Ion: 84 Resp: 37970
Ion Ratio Lower Upper
84 100
49 115.5 97.7 146.5
51 37.6 29.8 44.8
86 61.5 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 9.030 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX015963.D

Acq: 28 Apr 2020 11:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

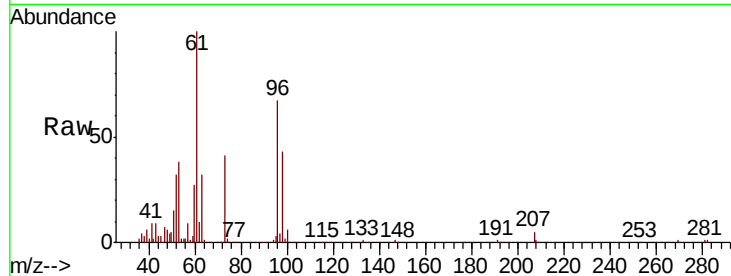
Tot Ion: 96 Resp: 34993

Ion Ratio Lower Upper

96 100

61 150.2 117.2 175.8

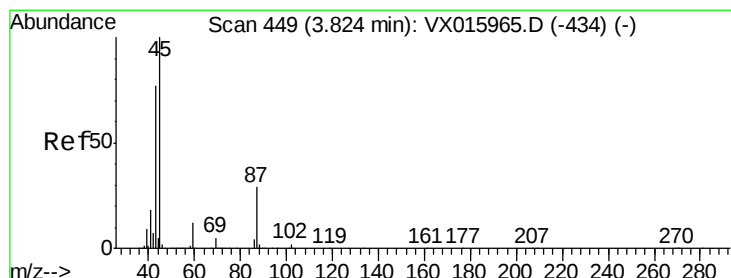
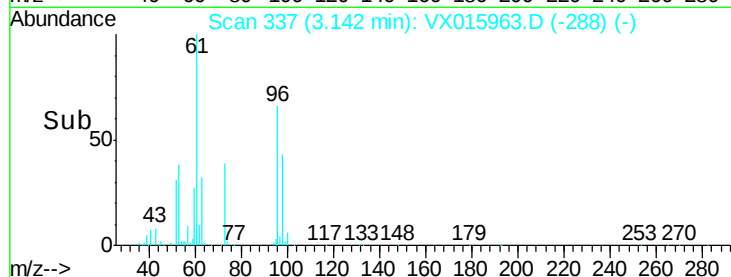
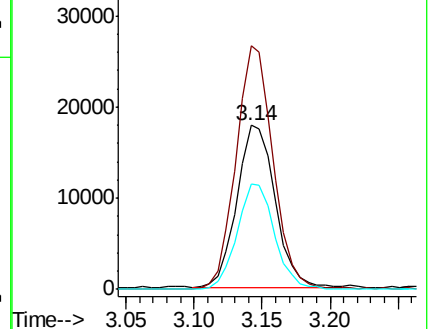
98 64.9 50.7 76.1



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 9.207 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX015963.D

Acq: 28 Apr 2020 11:36

Tgt Ion: 45 Resp: 114431

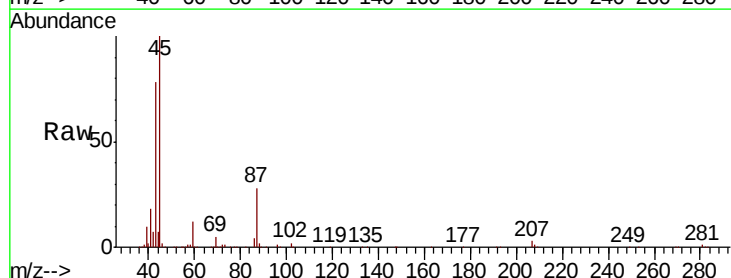
Ion Ratio Lower Upper

45 100

43 77.7 61.8 92.6

87 28.4 23.3 34.9

59 12.2 9.7 14.5

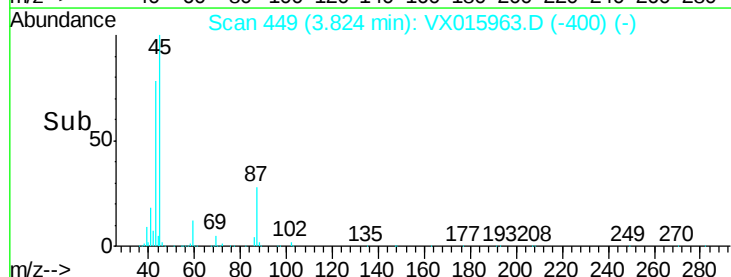
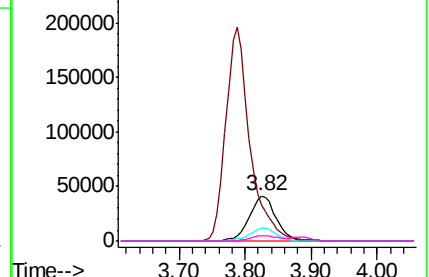


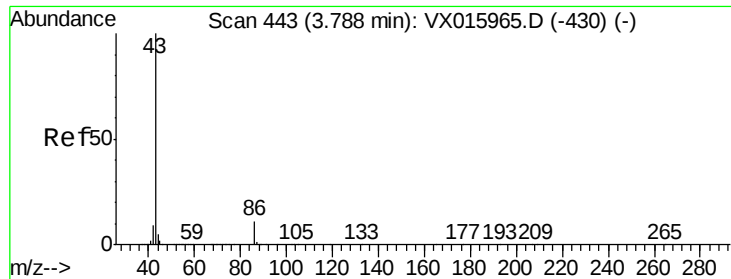
Abundance Ion 45.00 (44.70 to 45.70): VX0

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





#23

Vinyl Acetate

Concen: 46.894 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX015963.D

Acq: 28 Apr 2020 11:36

Instrument :

MSVOA_N

ClientSampleId :

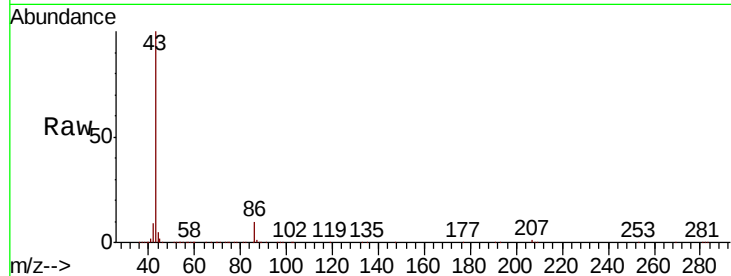
VSTDIC020

Tot Ion: 43 Resp: 497978

Ion Ratio Lower Upper

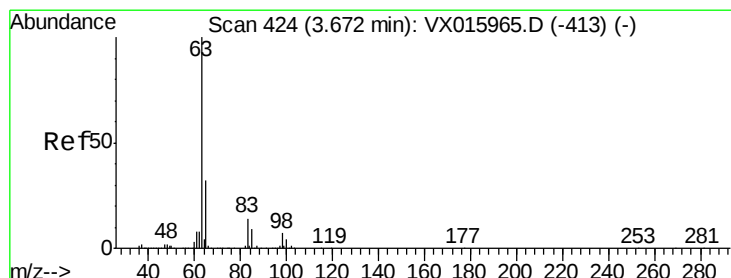
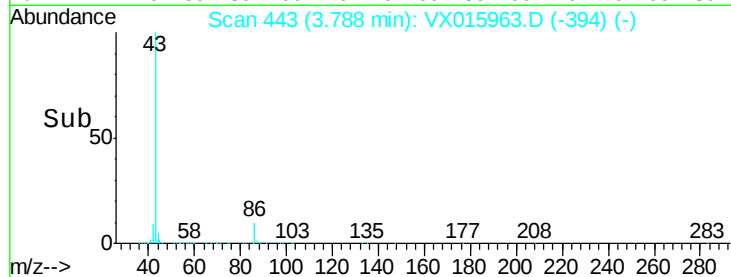
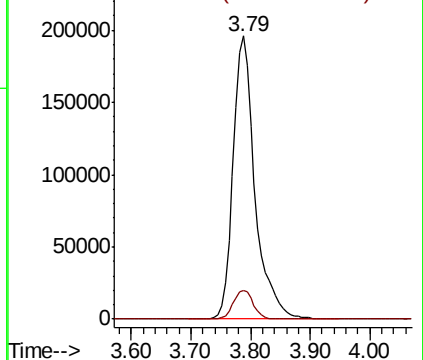
43 100

86 10.3 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 9.360 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX015963.D

Acq: 28 Apr 2020 11:36

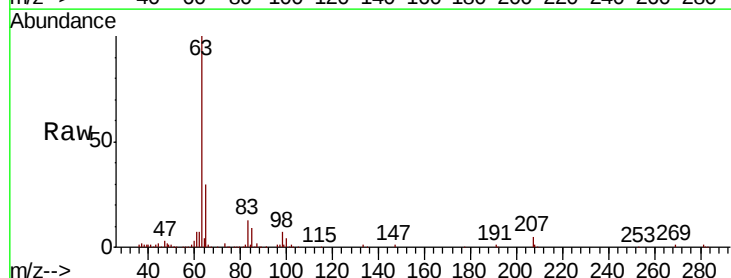
Tgt Ion: 63 Resp: 66022

Ion Ratio Lower Upper

63 100

98 6.5 3.4 10.1

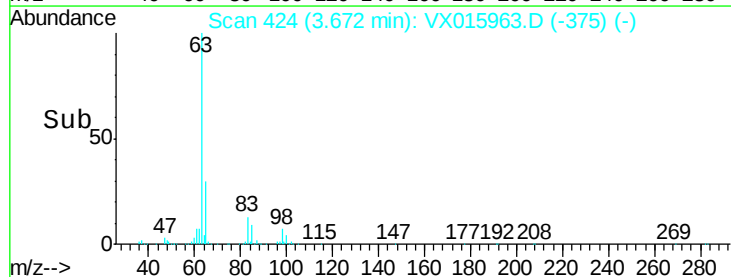
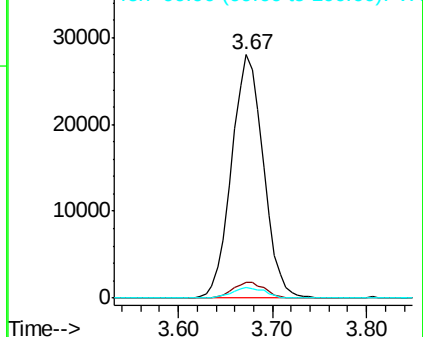
100 4.4 2.1 6.2

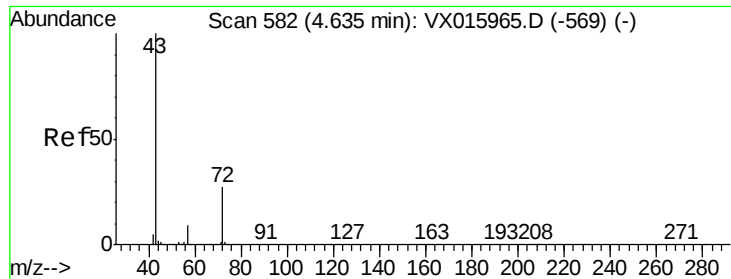


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 47.414 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX015963.D

Acq: 28 Apr 2020 11:36

Instrument :

MSVOA_N

ClientSampleId :

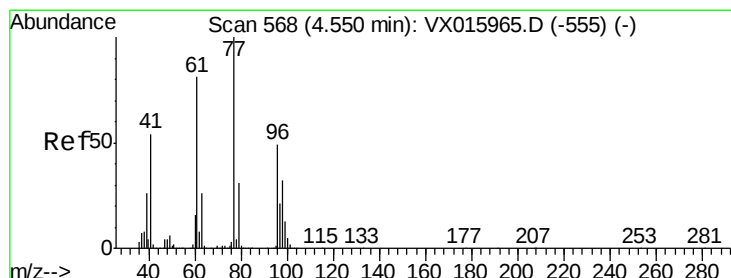
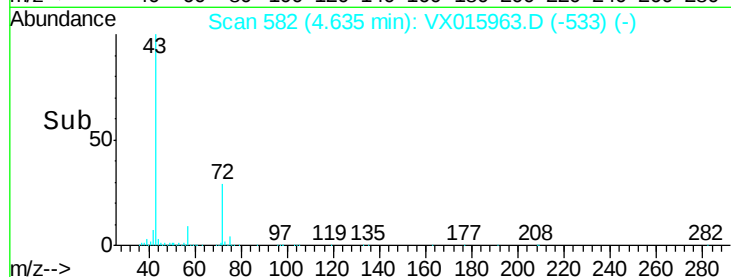
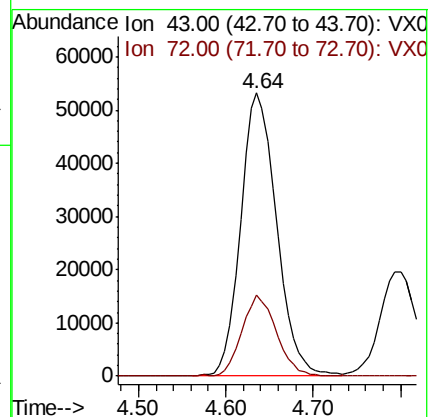
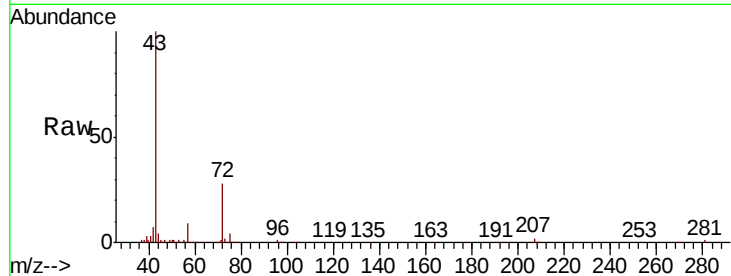
VSTDIC020

Tot Ion: 43 Resp: 151082

Ion Ratio Lower Upper

43 100

72 28.4 22.2 33.2



#26

2,2-Dichloropropane

Concen: 9.114 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.01 min

Lab File: VX015963.D

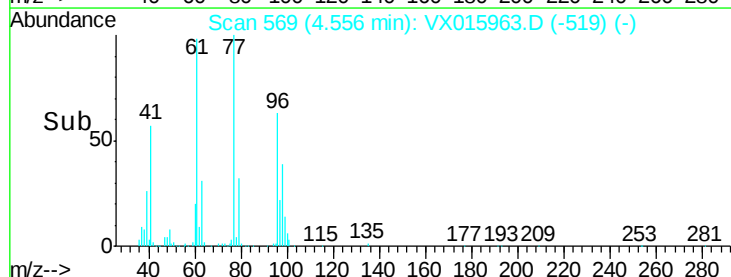
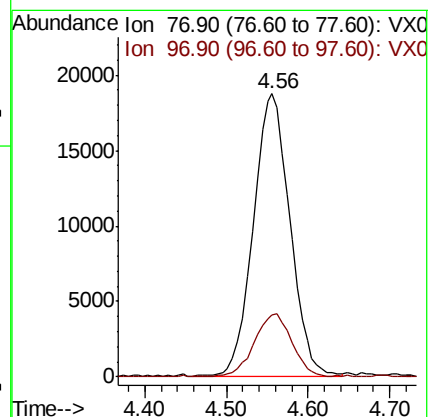
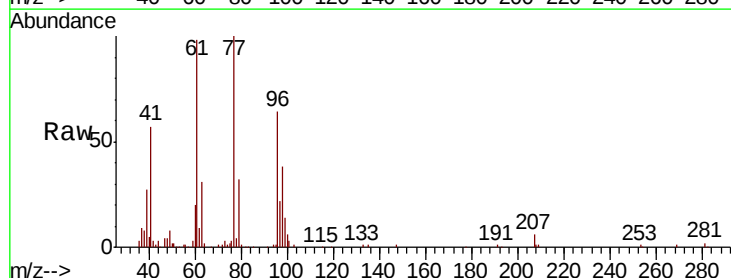
Acq: 28 Apr 2020 11:36

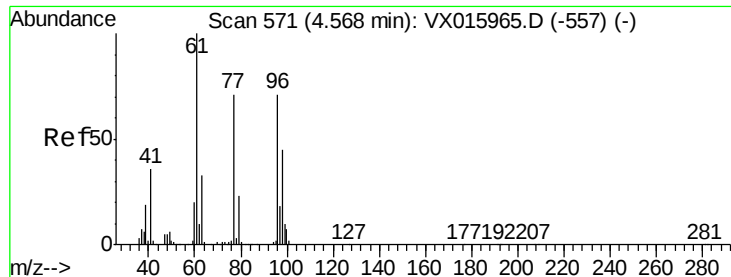
Tgt Ion: 77 Resp: 58355

Ion Ratio Lower Upper

77 100

97 23.1 11.2 33.6



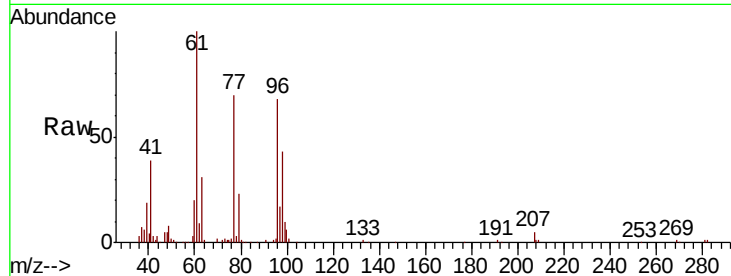


#27

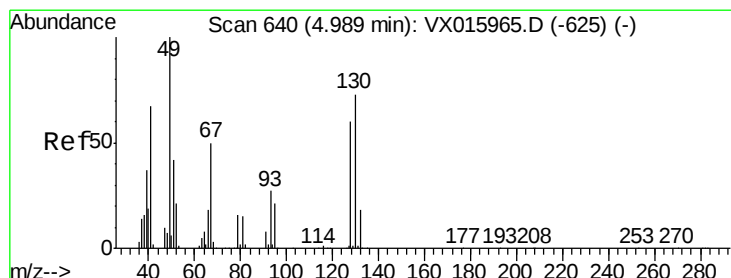
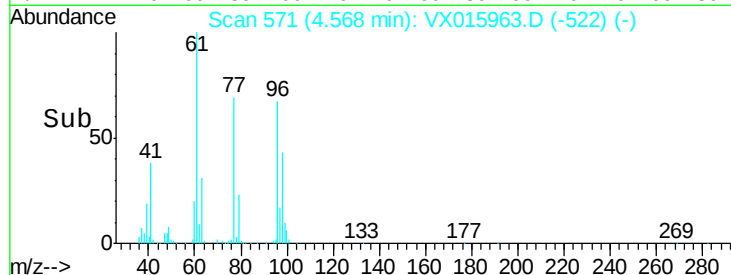
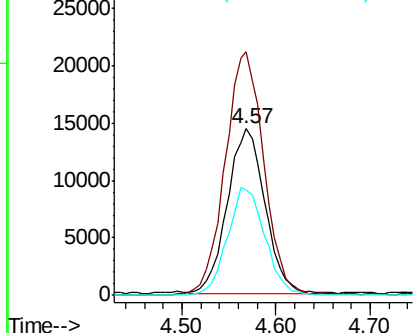
cis-1,2-Dichloroethene
Concen: 9.040 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.00 min
Lab File: VX015963.D
Acq: 28 Apr 2020 11:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
96	100		
61	152.7	0.0	302.6
98	65.5	0.0	129.0



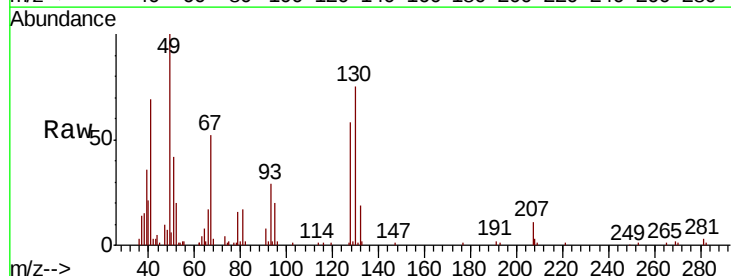
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



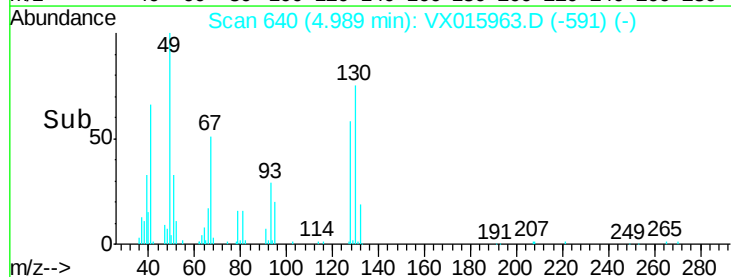
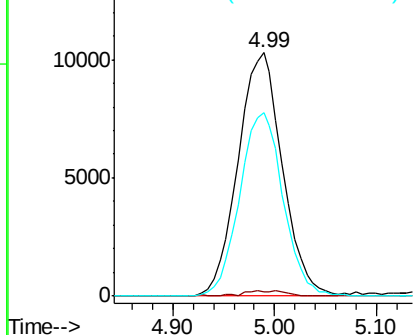
#28

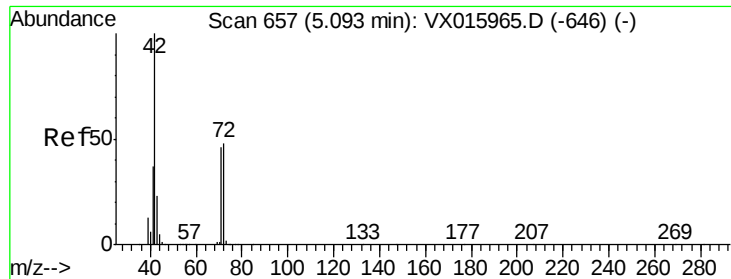
Bromochloromethane
Concen: 9.964 ug/l
RT: 4.99 min Scan# 640
Delta R.T. 0.00 min
Lab File: VX015963.D
Acq: 28 Apr 2020 11:36

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	3.8
130	73.9	59.5	89.3



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

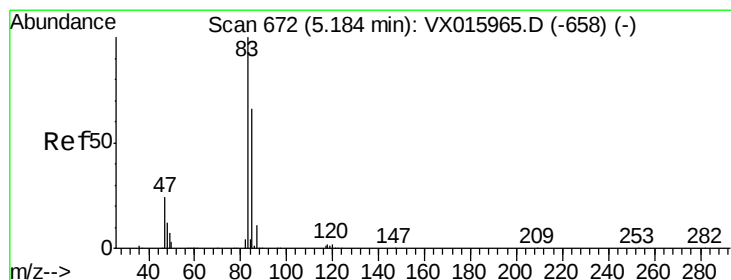
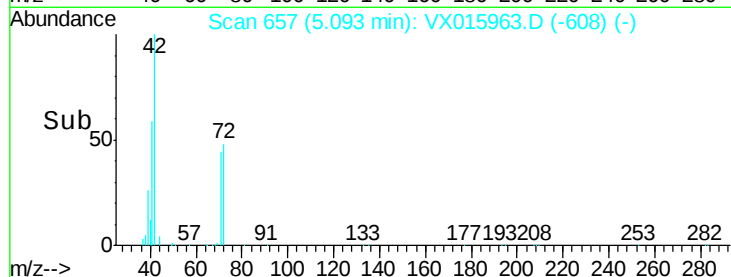
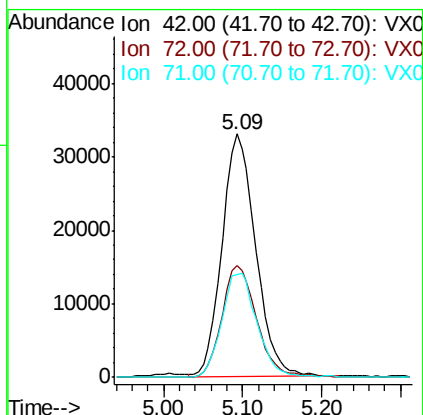
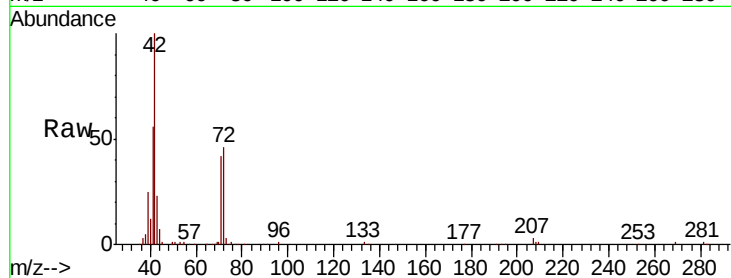




#29
Tetrahydrofuran
Concen: 46.696 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.00 min
Lab File: VX015963.D
Acq: 28 Apr 2020 11:36

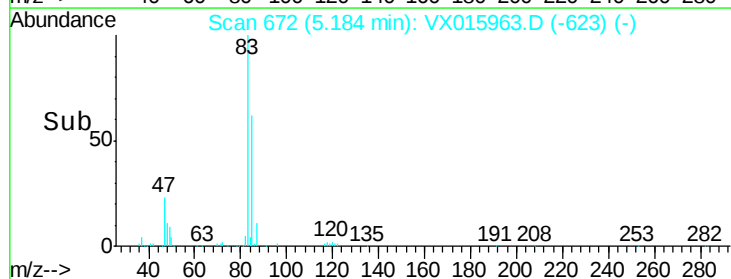
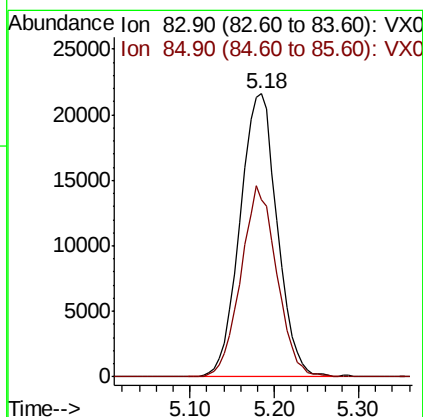
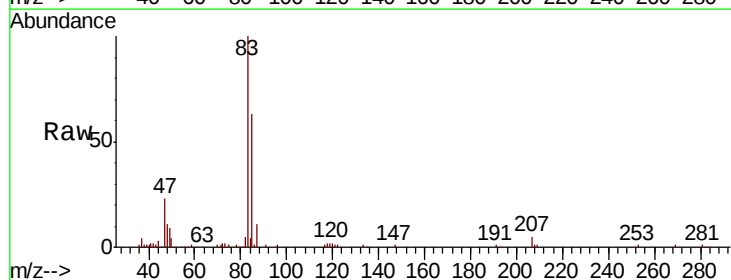
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

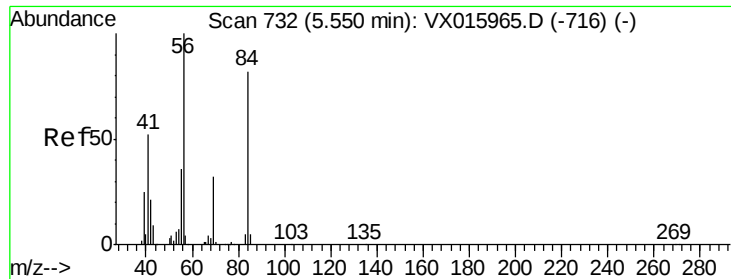
Tot Ion: 42 Resp: 97935
Ion Ratio Lower Upper
42 100
72 47.9 38.0 57.0
71 45.1 35.8 53.8



#30
Chloroform
Concen: 9.287 ug/l
RT: 5.18 min Scan# 672
Delta R.T. 0.00 min
Lab File: VX015963.D
Acq: 28 Apr 2020 11:36

Tgt Ion: 83 Resp: 64912
Ion Ratio Lower Upper
83 100
85 62.8 52.9 79.3

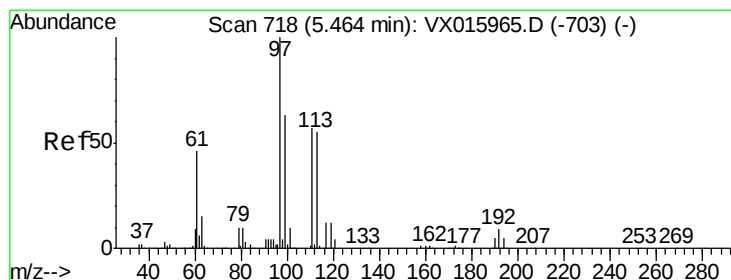
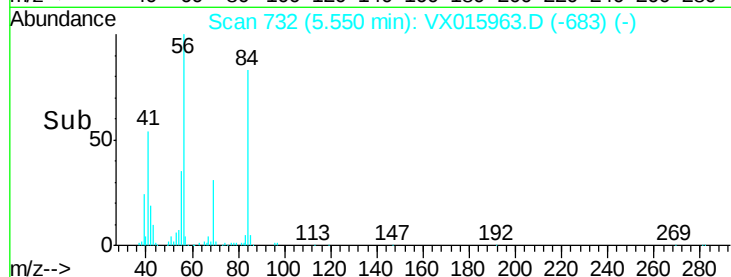
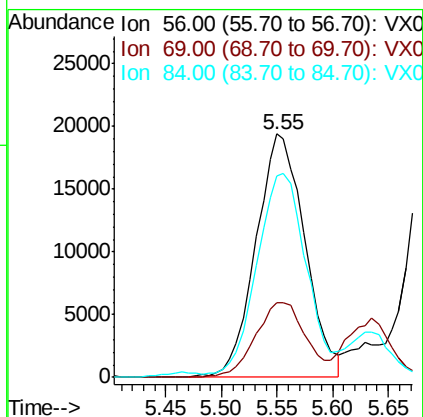
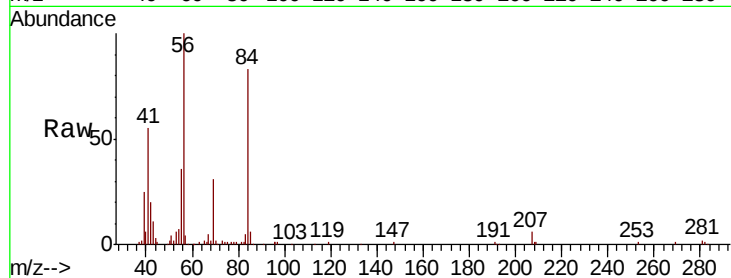




#31
Cyclohexane
Concen: 9.334 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.00 min
Lab File: VX015963.D
Acq: 28 Apr 2020 11:36

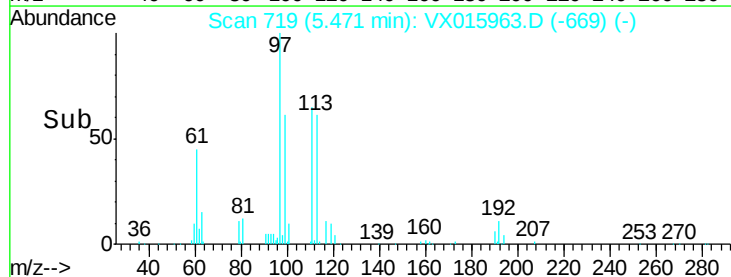
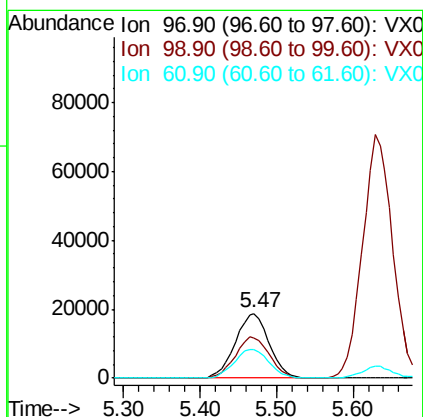
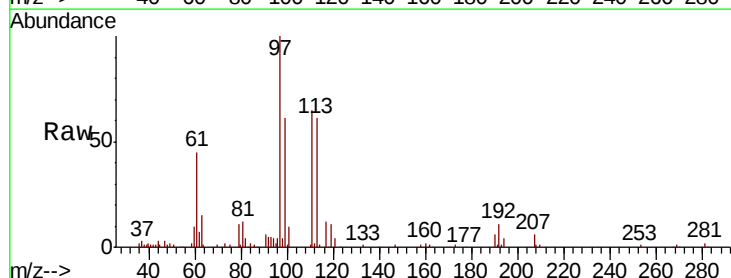
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

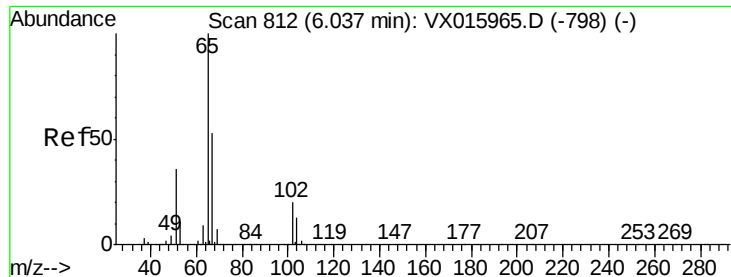
Tot Ion	56.00 (55.70 to 56.70): VX0	Resp	59374
Ion	Ratio	Lower	Upper
56	100		
69	30.6	25.3	37.9
84	80.8	65.8	98.6



#32
1,1,1-Trichloroethane
Concen: 9.221 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.01 min
Lab File: VX015963.D
Acq: 28 Apr 2020 11:36

Tgt Ion	97	Resp	57627
Ion	Ratio	Lower	Upper
97	100		
99	64.1	50.8	76.2
61	45.8	36.3	54.5





#33

1,2-Dichloroethane-d4

Concen: 10.462 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.01 min

Lab File: VX015963.D

Acq: 28 Apr 2020 11:36

Instrument :

MSVOA_N

ClientSampleId :

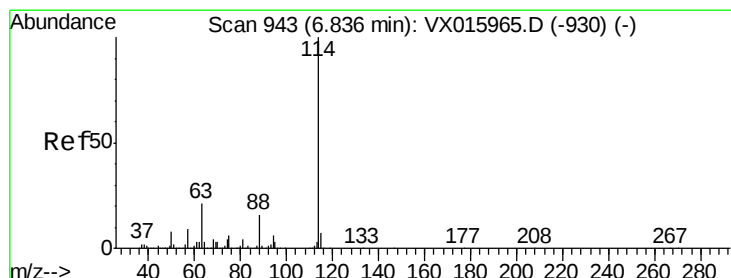
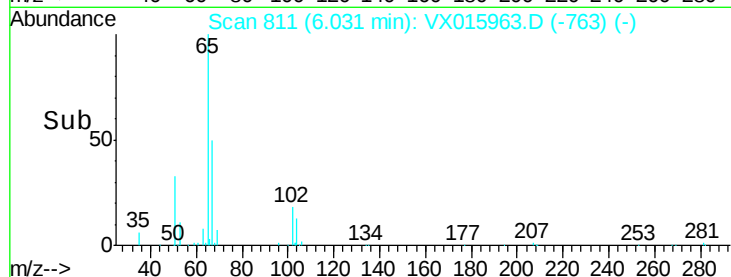
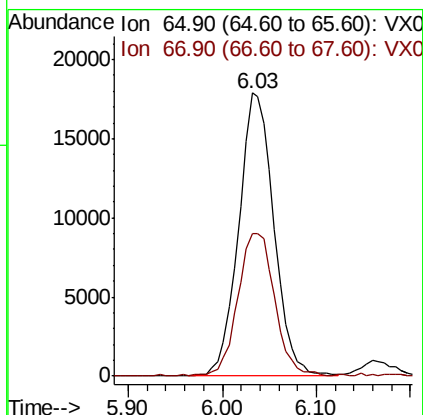
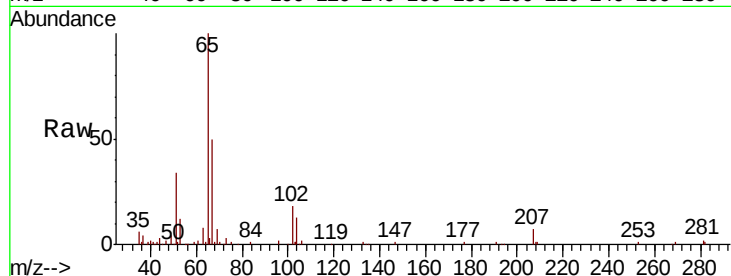
VSTDIC020

Tot Ion: 65 Resp: 46719

Ion Ratio Lower Upper

65 100

67 52.9 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.00 min

Lab File: VX015963.D

Acq: 28 Apr 2020 11:36

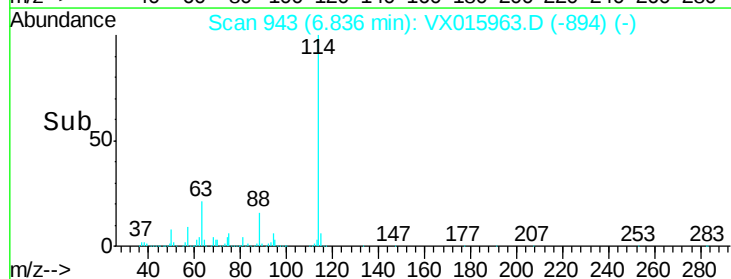
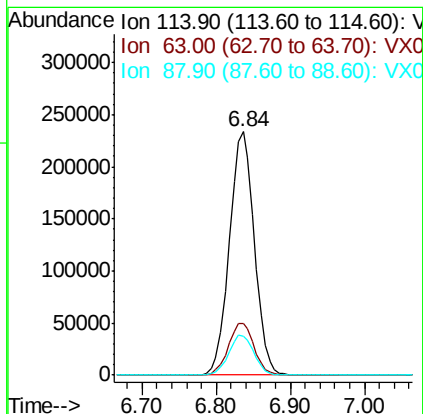
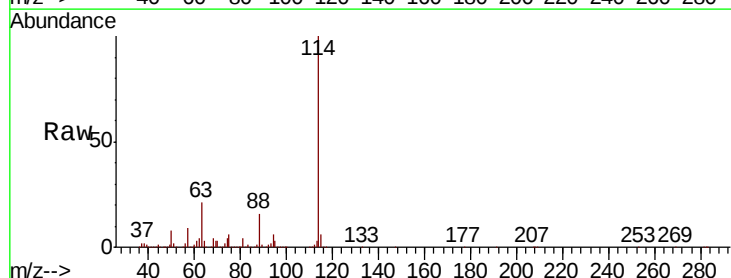
Tgt Ion: 114 Resp: 547026

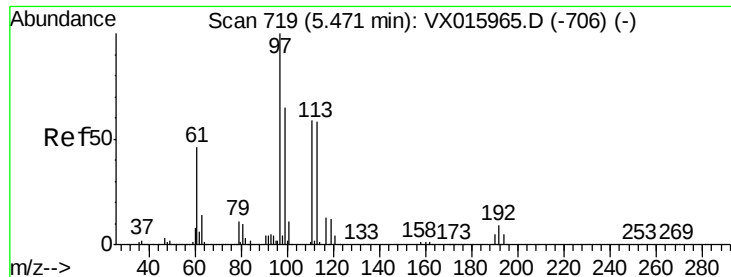
Ion Ratio Lower Upper

114 100

63 21.4 0.0 42.4

88 16.1 0.0 32.6

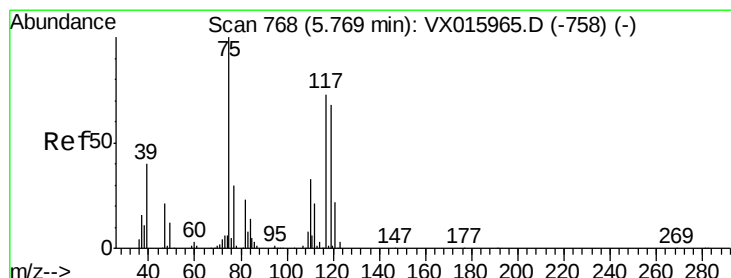
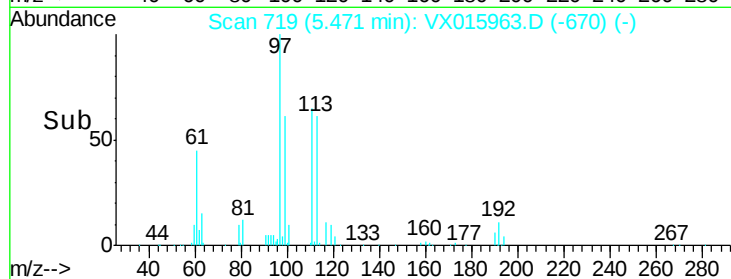
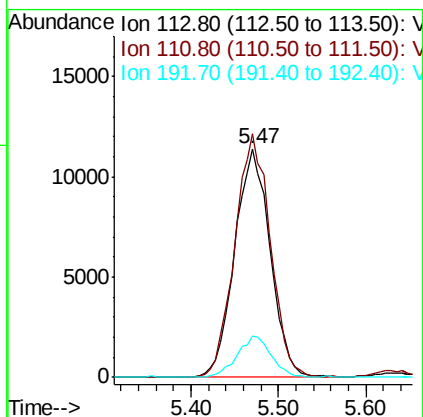
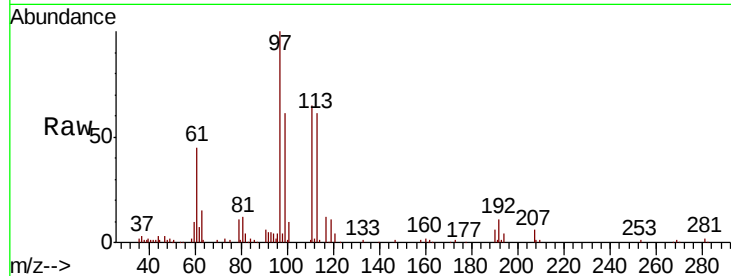




#35
 Dibromofluoromethane
 Concen: 9.728 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. 0.00 min
 Lab File: VX015963.D
 Acq: 28 Apr 2020 11:36

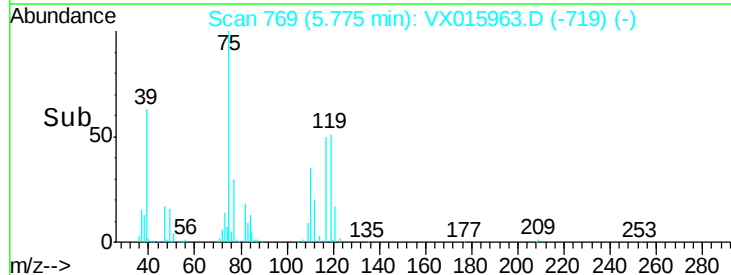
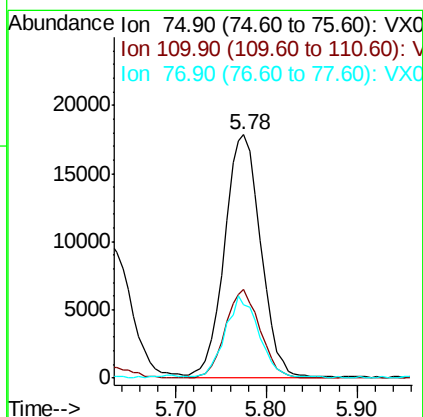
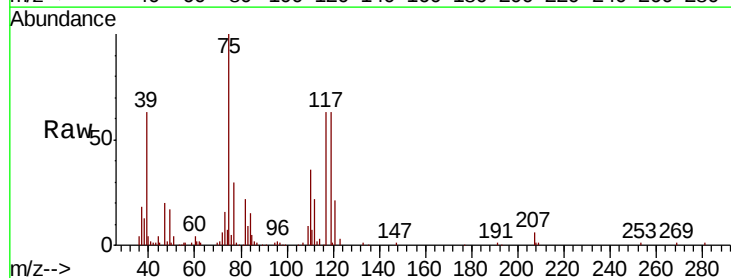
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

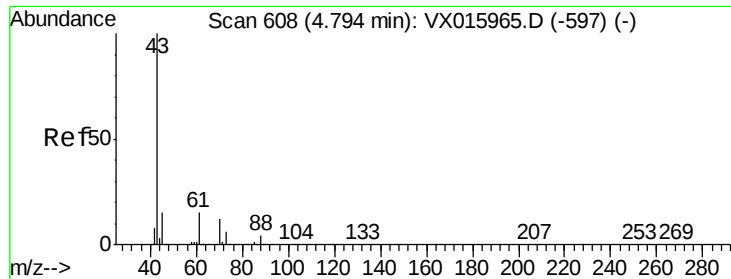
Tot Ion:113 Resp: 32168
 Ion Ratio Lower Upper
 113 100
 111 106.6 81.6 122.4
 192 17.1 13.2 19.8



#36
 1,1-Dichloropropene
 Concen: 8.815 ug/l
 RT: 5.78 min Scan# 769
 Delta R.T. 0.01 min
 Lab File: VX015963.D
 Acq: 28 Apr 2020 11:36

Tgt Ion: 75 Resp: 49191
 Ion Ratio Lower Upper
 75 100
 110 34.9 17.1 51.2
 77 31.1 24.7 37.1

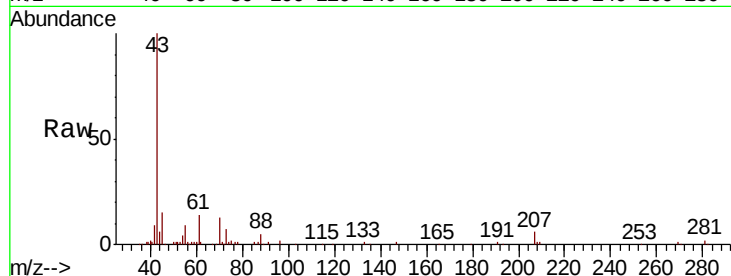




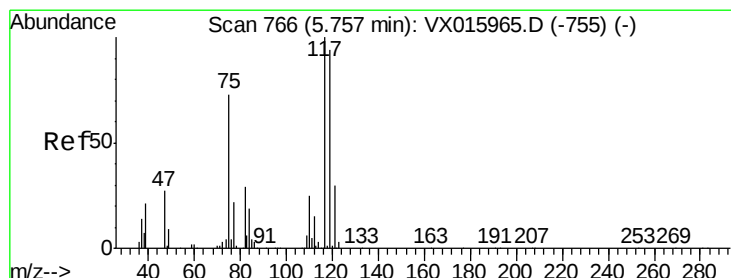
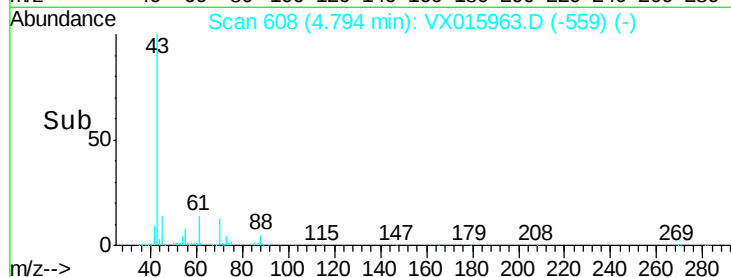
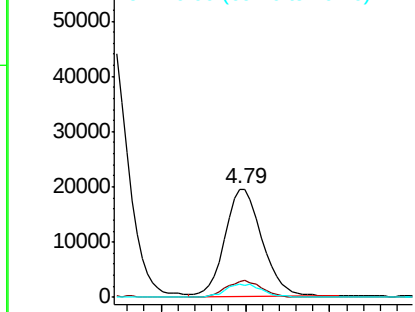
#37
Ethyl Acetate
Concen: 9.499 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX015963.D
Acq: 28 Apr 2020 11:36

Instrument :
MSVOA_N
ClientSampleID :
VSTDIC020

Tot Ion: 43 Resp: 58638
Ion Ratio Lower Upper
43 100
61 15.4 11.8 17.8
70 12.3 9.5 14.3

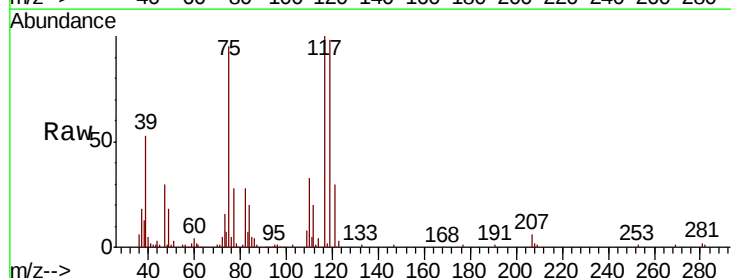


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

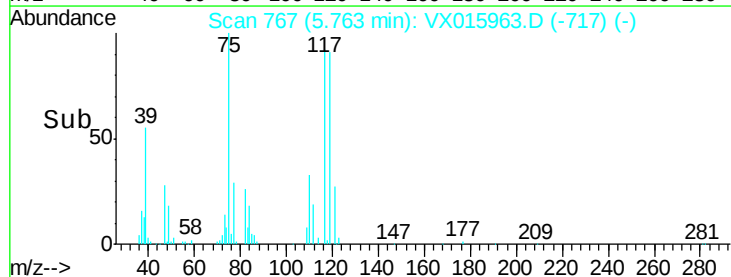
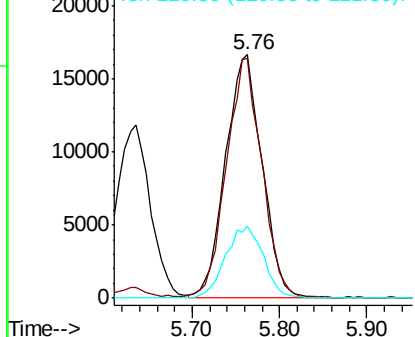


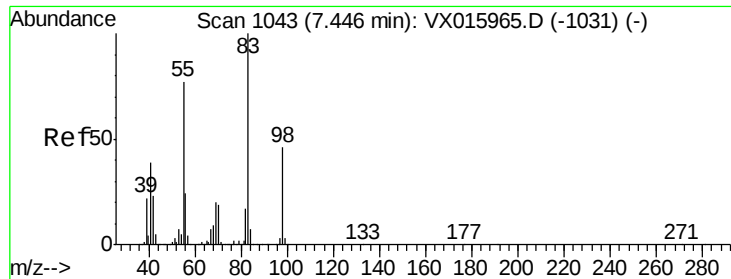
#38
Carbon Tetrachloride
Concen: 9.043 ug/l
RT: 5.76 min Scan# 767
Delta R.T. 0.01 min
Lab File: VX015963.D
Acq: 28 Apr 2020 11:36

Tgt Ion: 117 Resp: 48387
Ion Ratio Lower Upper
117 100
119 98.3 74.8 112.2
121 29.8 24.0 36.0



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

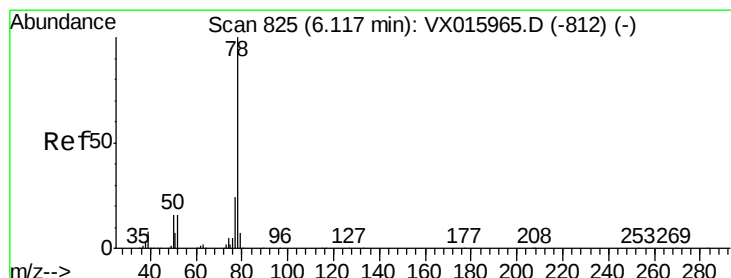
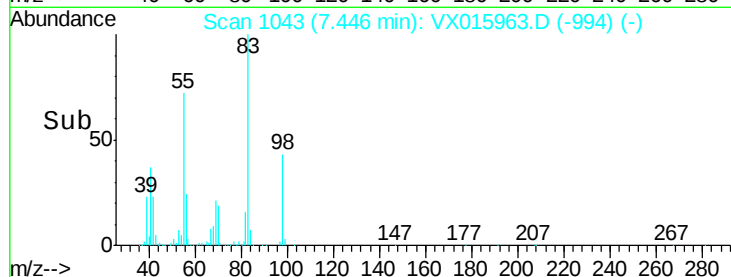
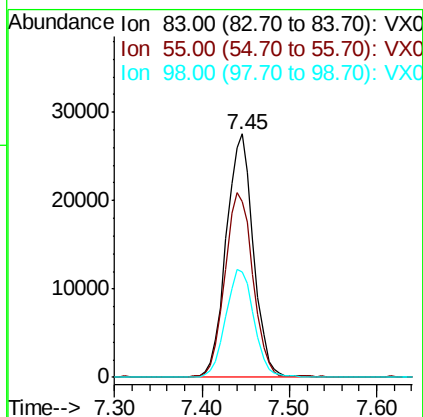
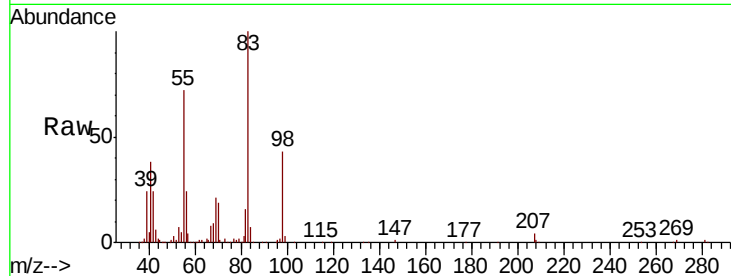




#39
Methvlcvclohexane
Concen: 8.890 ug/l
RT: 7.45 min Scan# 1043
Delta R.T. 0.00 min
Lab File: VX015963.D
Acq: 28 Apr 2020 11:36

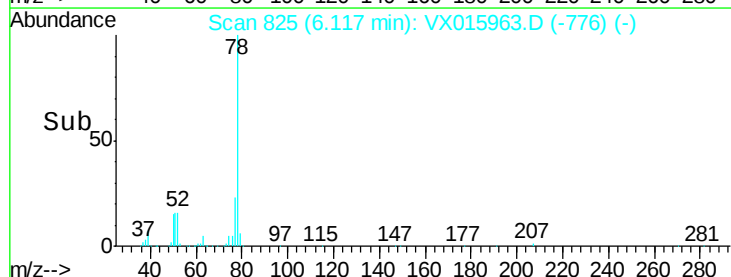
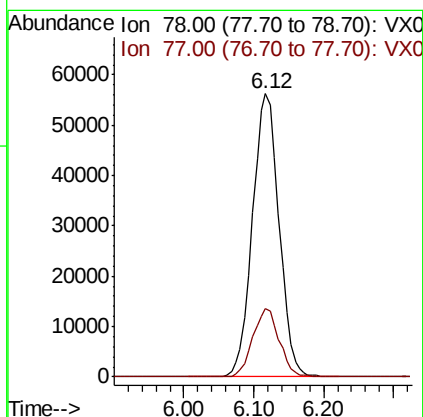
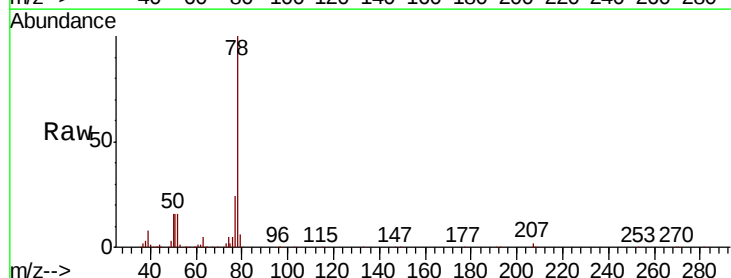
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

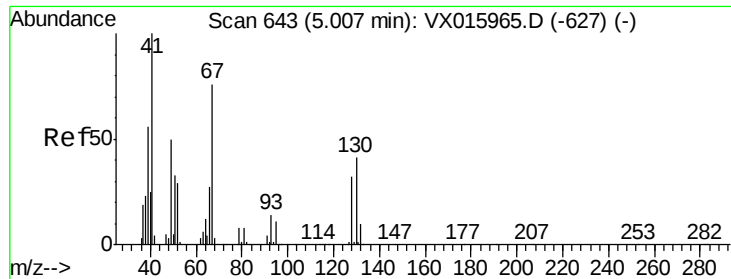
Tot Ion: 83 Resp: 59554
Ion Ratio Lower Upper
83 100
55 72.4 61.8 92.6
98 43.4 36.8 55.2



#40
Benzene
Concen: 9.091 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.00 min
Lab File: VX015963.D
Acq: 28 Apr 2020 11:36

Tgt Ion: 78 Resp: 147873
Ion Ratio Lower Upper
78 100
77 24.1 19.3 28.9

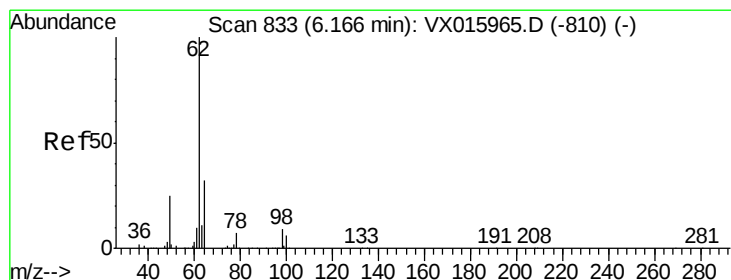
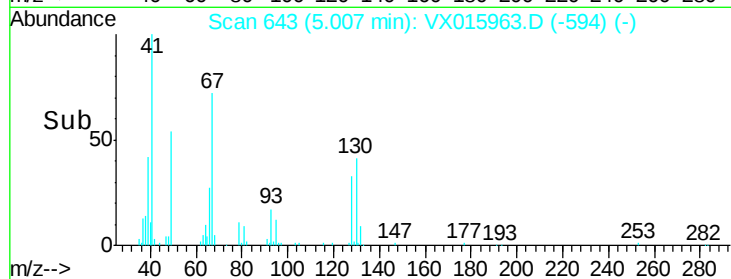
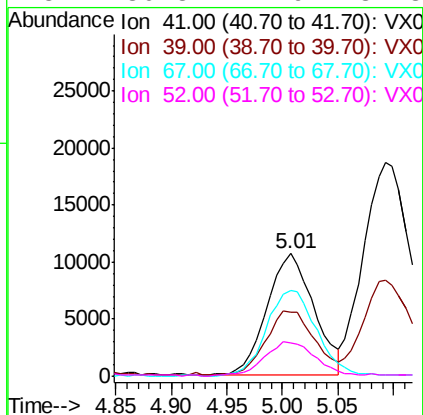
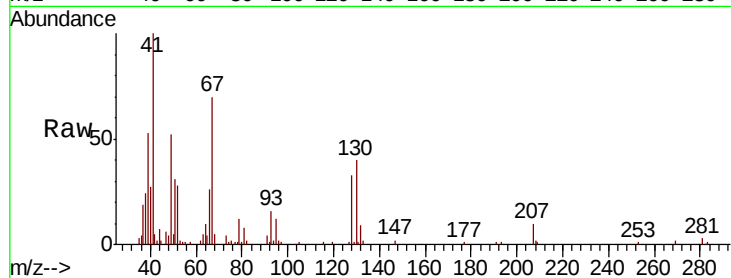




#41
Methacrylonitrile
Concen: 9.675 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.00 min
Lab File: VX015963.D
Acq: 28 Apr 2020 11:36

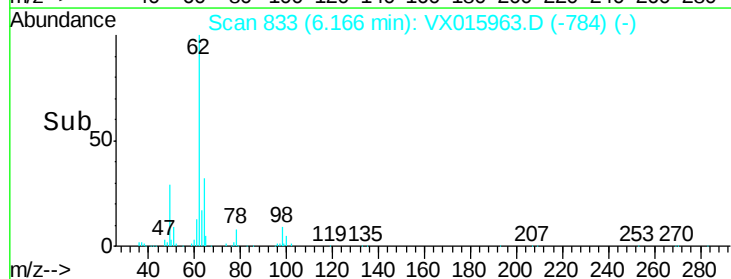
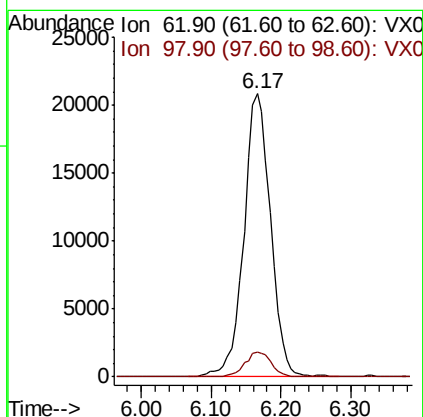
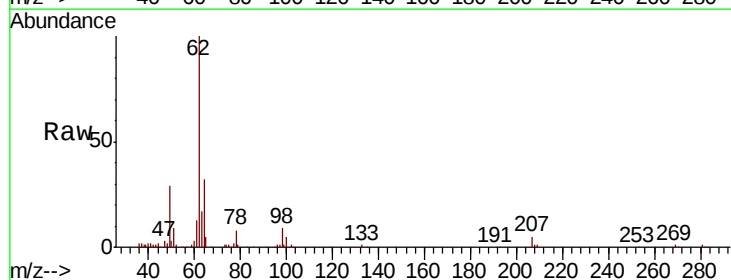
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

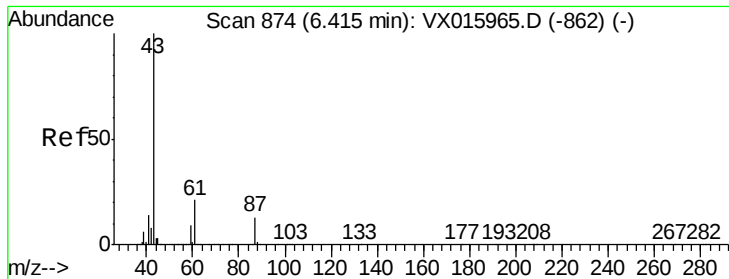
Tot Ion:	41	Resp:	31428
Ion	Ratio	Lower	Upper
41	100		
39	54.1	45.3	67.9
67	75.8	62.2	93.4
52	30.8	24.9	37.3



#42
1,2-Dichloroethane
Concen: 9.287 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX015963.D
Acq: 28 Apr 2020 11:36

Tgt Ion:	62	Resp:	55189
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.8





#43

Isopropyl Acetate

Concen: 9.195 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.00 min

Lab File: VX015963.D

Acq: 28 Apr 2020 11:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

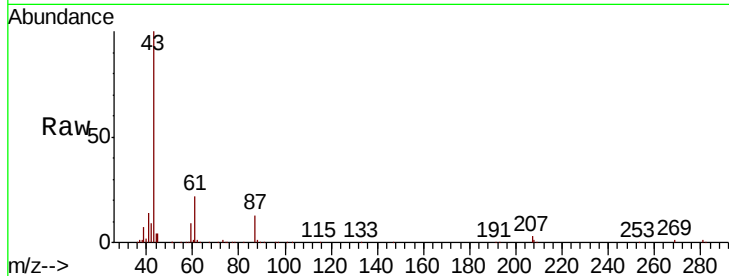
Tot Ion: 43 Resp: 94240

Ion Ratio Lower Upper

43 100

61 20.9 16.9 25.3

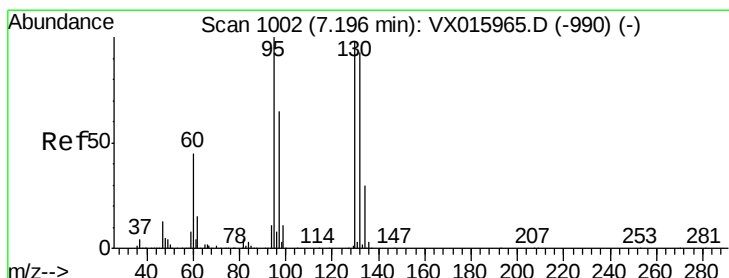
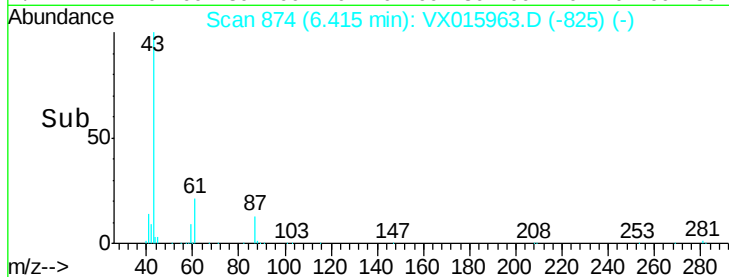
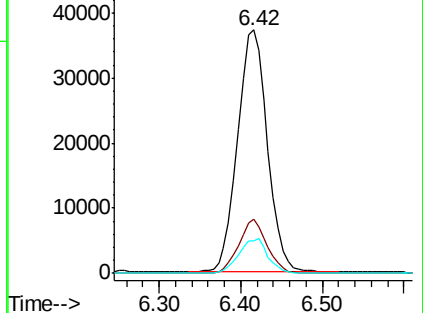
87 14.1 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 9.559 ug/l

RT: 7.20 min Scan# 1002

Delta R.T. 0.00 min

Lab File: VX015963.D

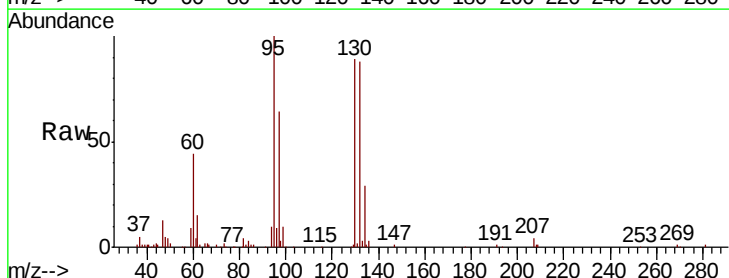
Acq: 28 Apr 2020 11:36

Tgt Ion: 130 Resp: 51081

Ion Ratio Lower Upper

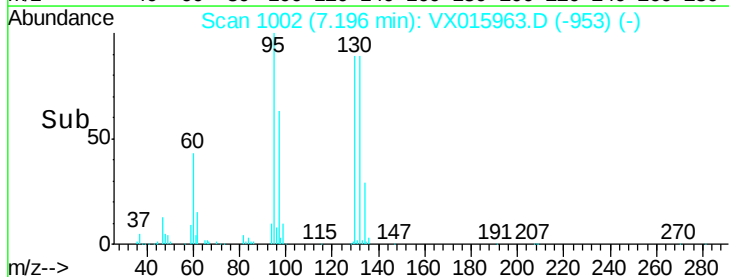
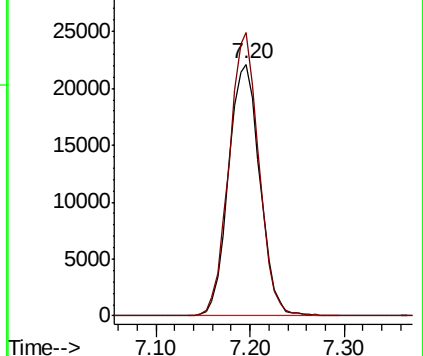
130 100

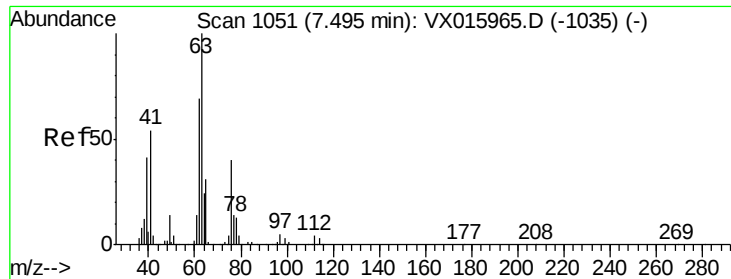
95 112.4 0.0 204.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 9.495 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VX015963.D

Acq: 28 Apr 2020 11:36

Instrument :

MSVOA_N

ClientSampleId :

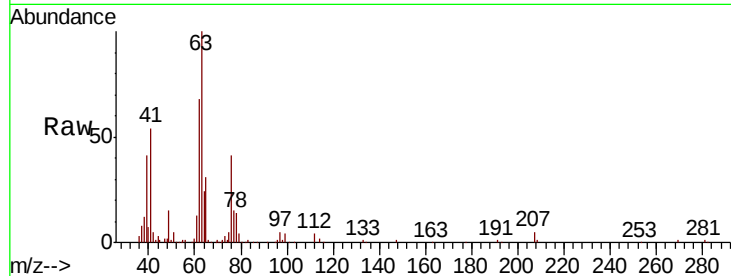
VSTDIC020

Tot Ion: 63 Resp: 39457

Ion Ratio Lower Upper

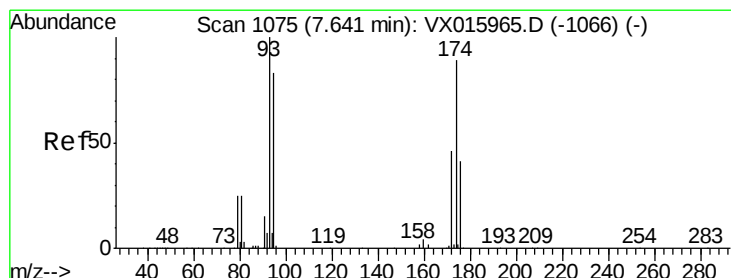
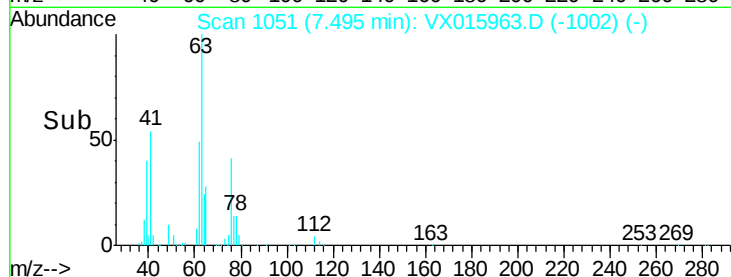
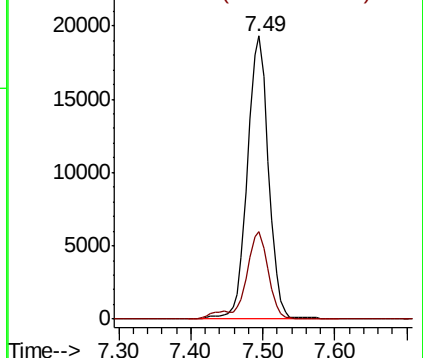
63 100

65 31.1 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 9.400 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VX015963.D

Acq: 28 Apr 2020 11:36

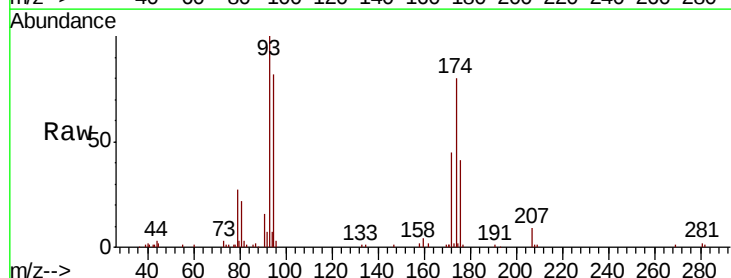
Tgt Ion: 93 Resp: 26421

Ion Ratio Lower Upper

93 100

95 81.9 66.1 99.1

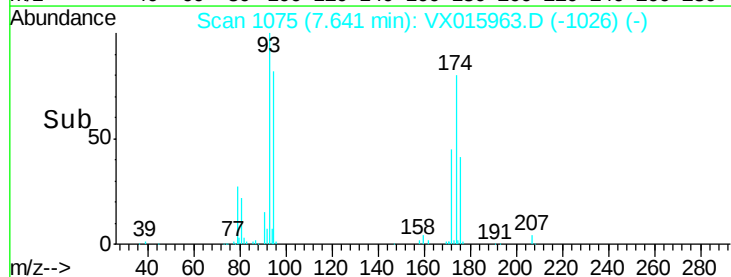
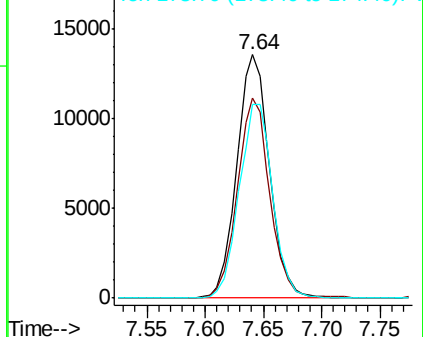
174 81.5 68.3 102.5

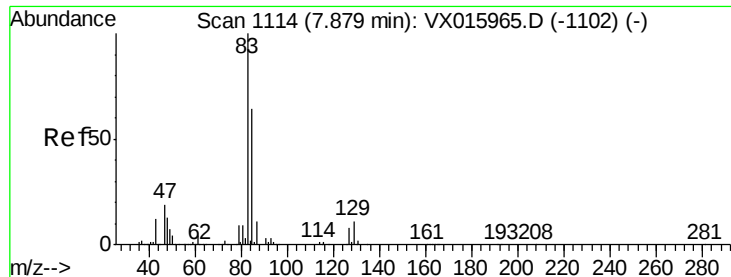


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 8.889 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX015963.D

Acq: 28 Apr 2020 11:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

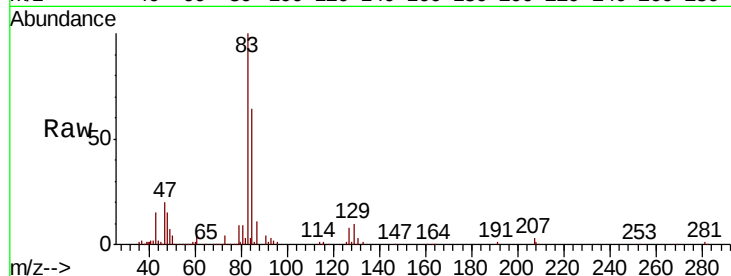
Tot Ion: 83 Resp: 50783

Ion Ratio Lower Upper

83 100

85 64.4 51.6 77.4

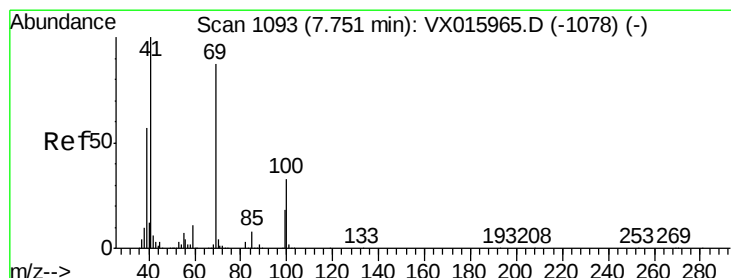
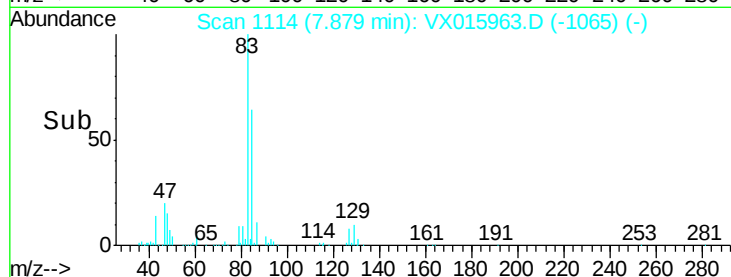
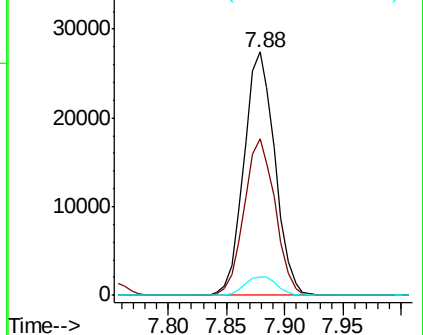
127 7.5 6.2 9.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 9.222 ug/l

RT: 7.75 min Scan# 1093

Delta R.T. 0.00 min

Lab File: VX015963.D

Acq: 28 Apr 2020 11:36

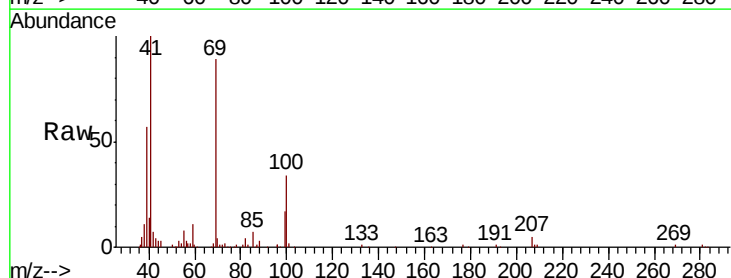
Tgt Ion: 41 Resp: 44240

Ion Ratio Lower Upper

41 100

69 87.3 69.0 103.4

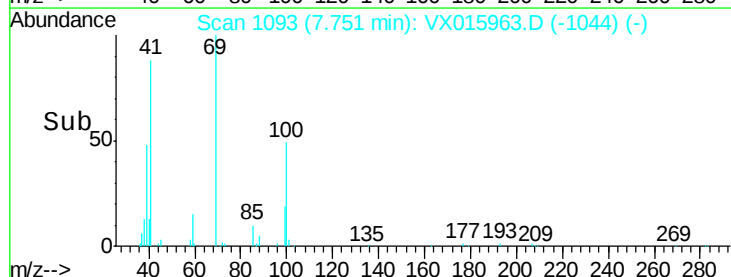
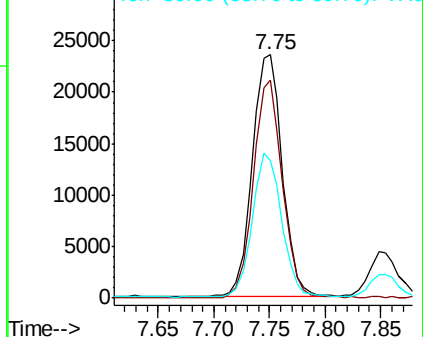
39 58.0 46.6 69.8

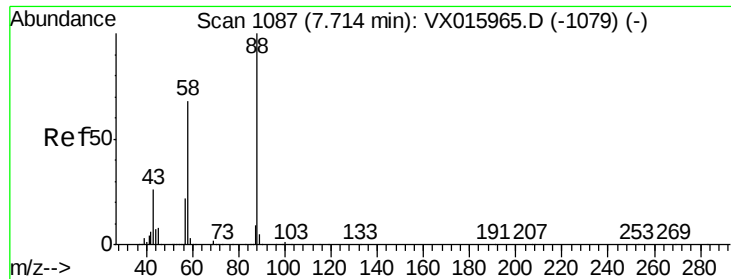


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 190.658 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX015963.D

Acq: 28 Apr 2020 11:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

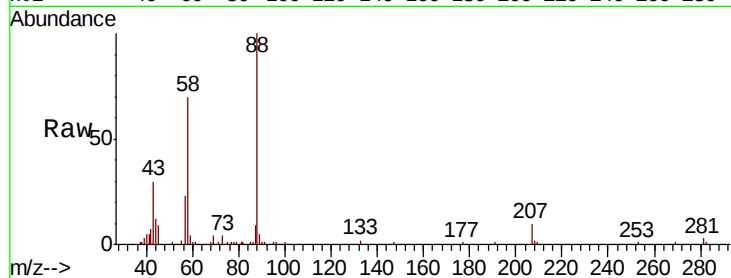
Tot Ion: 88 Resp: 20492

Ion Ratio Lower Upper

88 100

43 33.3 25.1 37.7

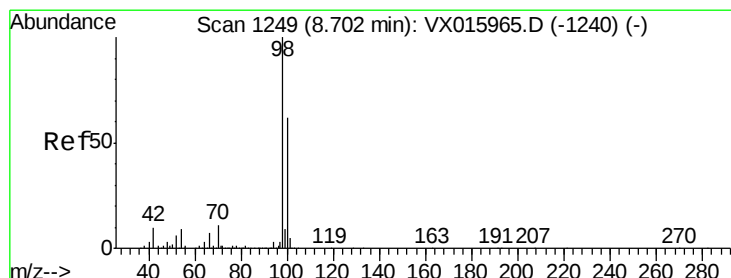
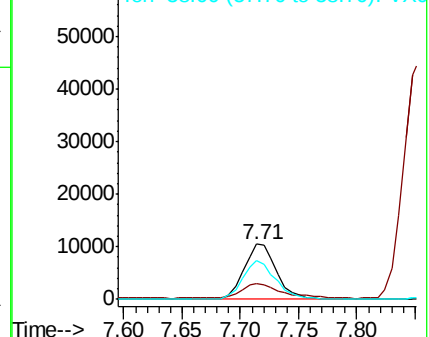
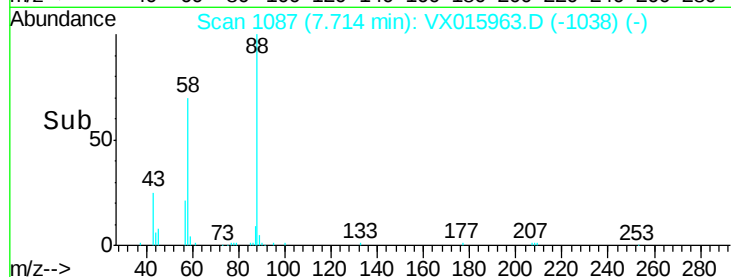
58 71.1 55.4 83.0



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 10.118 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.01 min

Lab File: VX015963.D

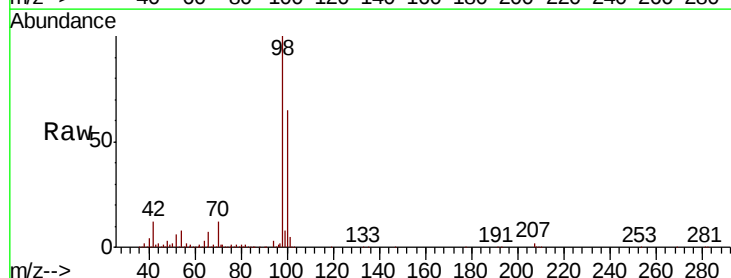
Acq: 28 Apr 2020 11:36

Tgt Ion: 98 Resp: 132914

Ion Ratio Lower Upper

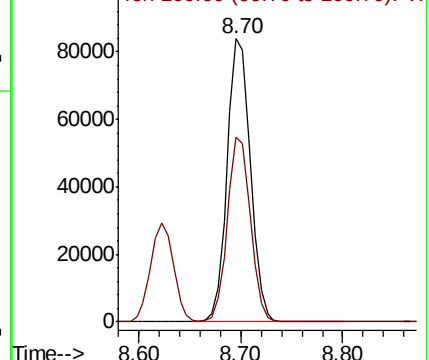
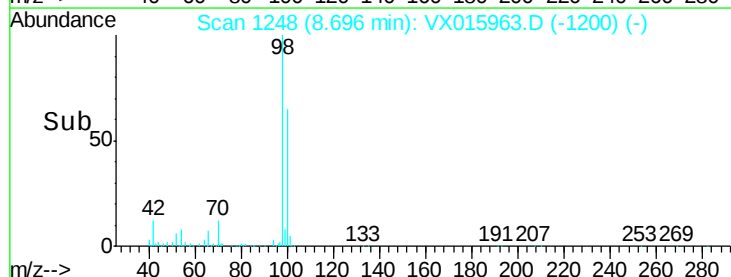
98 100

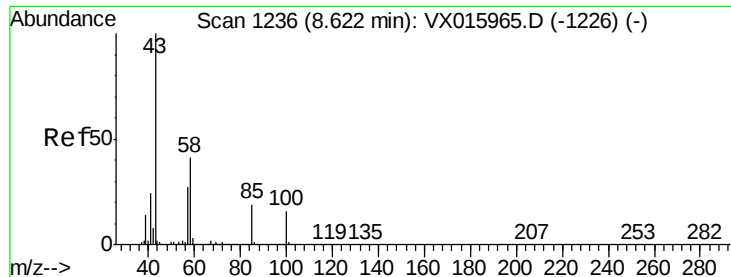
100 64.9 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 46.961 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VX015963.D

Acq: 28 Apr 2020 11:36

Instrument :

MSVOA_N

ClientSampleId :

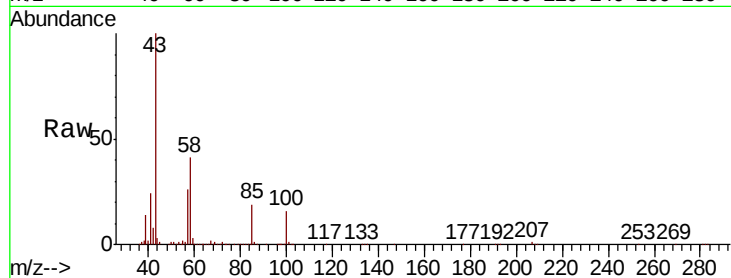
VSTDIC020

Tot Ion: 43 Resp: 290258

Ion Ratio Lower Upper

43 100

58 40.3 33.0 49.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.62

200000

150000

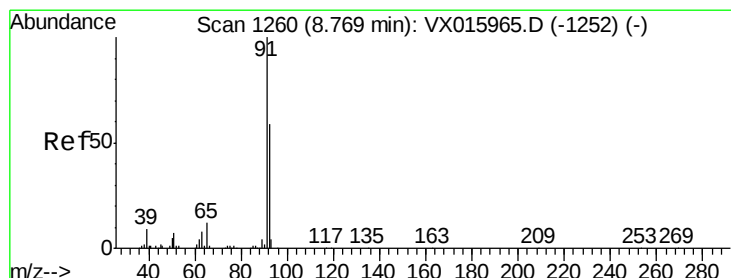
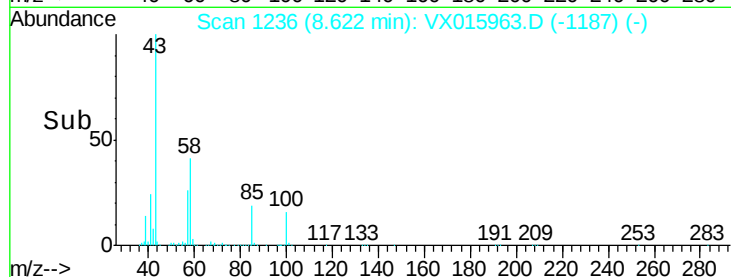
100000

50000

0

8.55 8.60 8.65 8.70

Time-->



#52

Toluene

Concen: 9.094 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.00 min

Lab File: VX015963.D

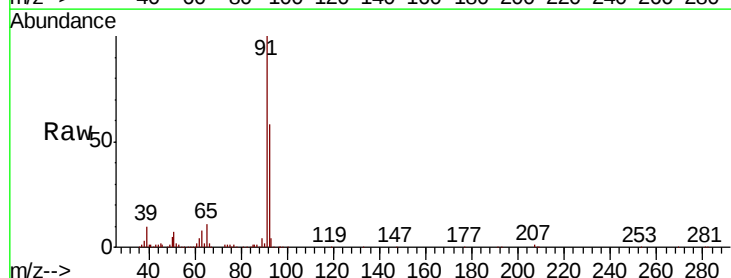
Acq: 28 Apr 2020 11:36

Tgt Ion: 92 Resp: 92414

Ion Ratio Lower Upper

92 100

91 172.1 136.9 205.3



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

120000

100000

80000

60000

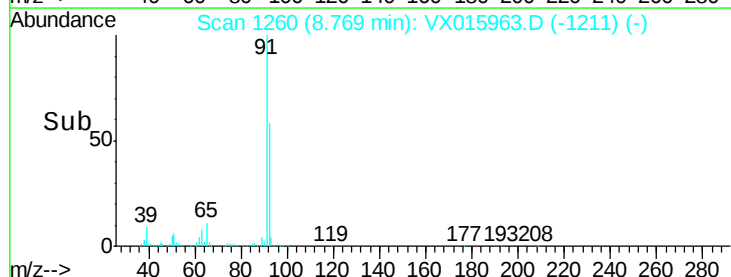
40000

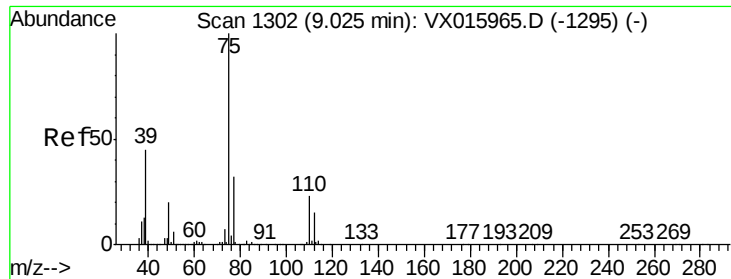
20000

0

8.70 8.75 8.80 8.85

Time-->

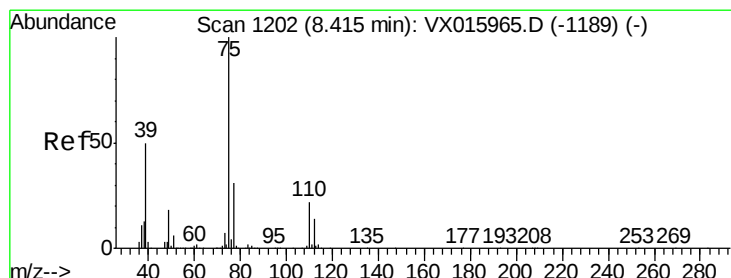
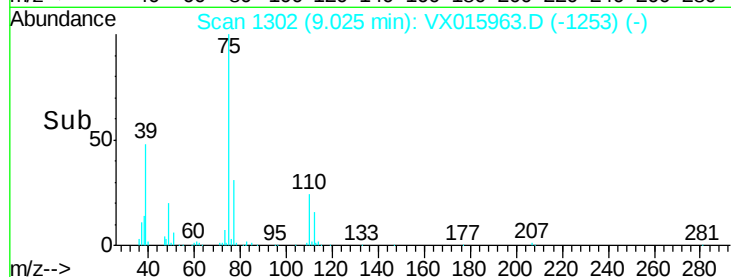
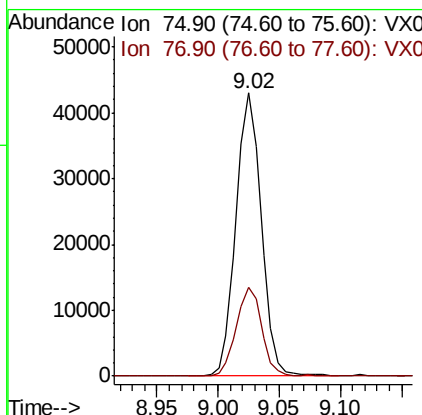
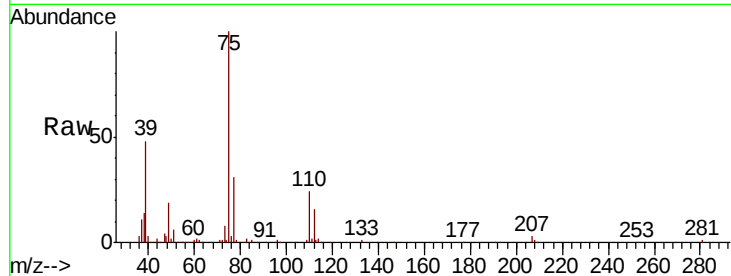




#53
 t-1,3-Dichloropropene
 Concen: 8.929 ug/l
 RT: 9.02 min Scan# 1302
 Delta R.T. 0.00 min
 Lab File: VX015963.D
 Acq: 28 Apr 2020 11:36

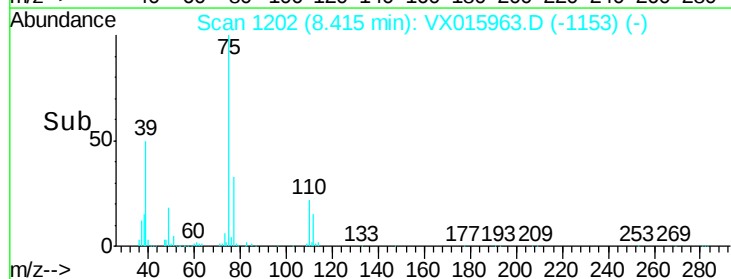
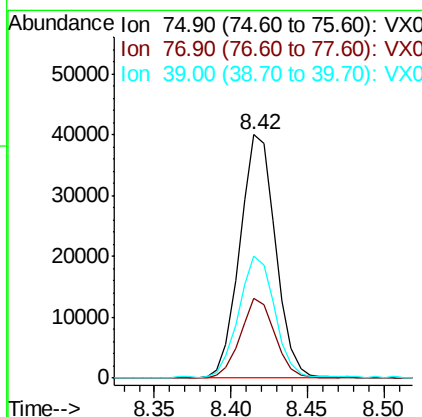
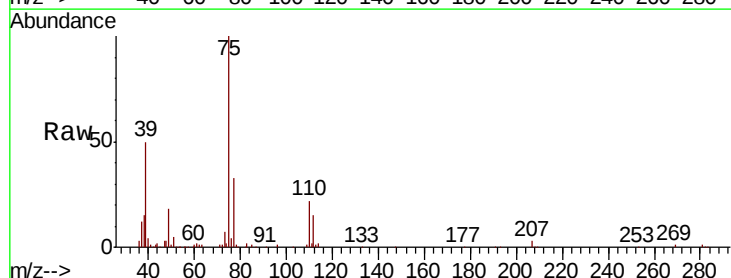
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

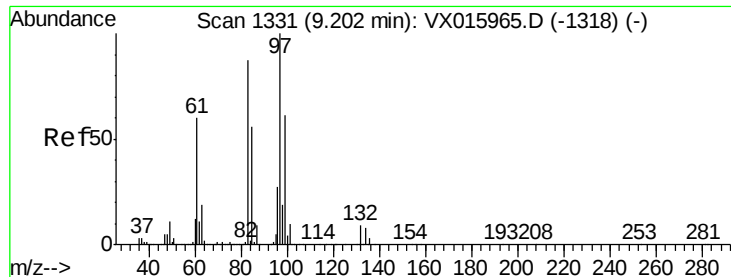
Tot Ion: 75 Resp: 61257
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.5 38.3



#54
 cis-1,3-Dichloropropene
 Concen: 9.008 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: VX015963.D
 Acq: 28 Apr 2020 11:36

Tgt Ion: 75 Resp: 64501
 Ion Ratio Lower Upper
 75 100
 77 32.6 25.2 37.8
 39 50.0 40.2 60.4

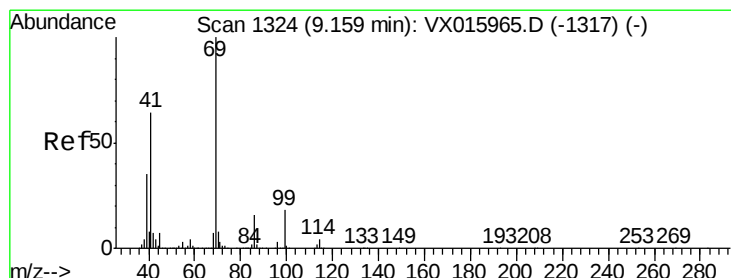
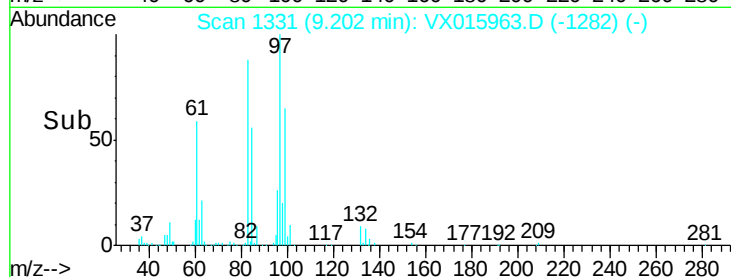
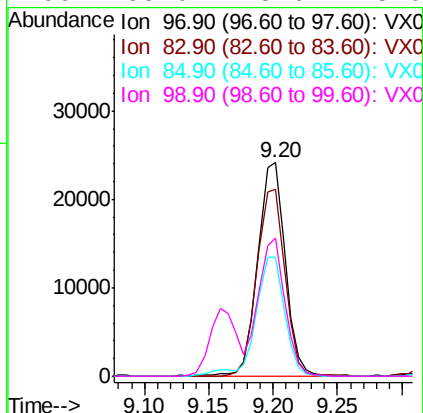
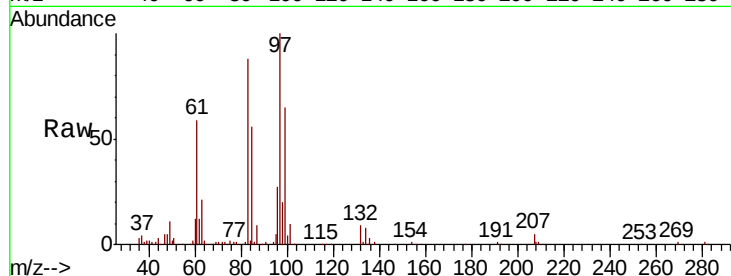




#55
 1,1,2-Trichloroethane
 Concen: 8.732 ug/l
 RT: 9.20 min Scan# 1331
 Delta R.T. 0.00 min
 Lab File: VX015963.D
 Acq: 28 Apr 2020 11:36

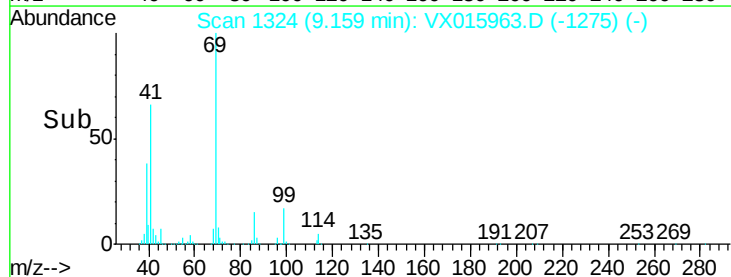
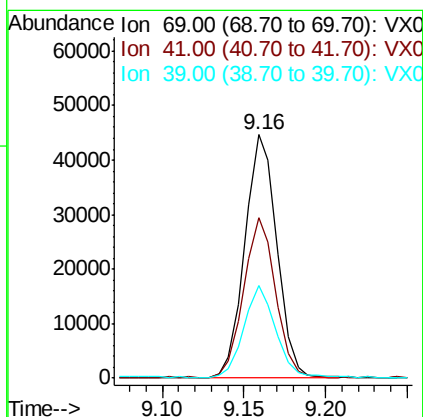
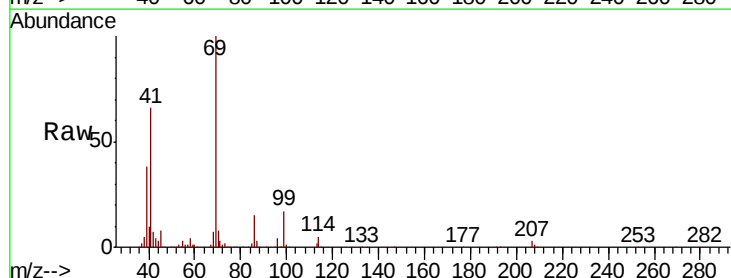
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

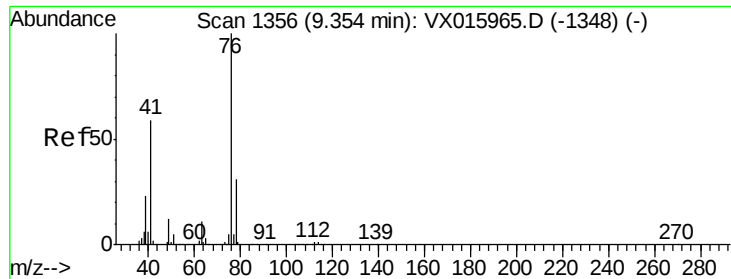
Tot Ion:	97	Resp:	35640
Ion	Ratio	Lower	Upper
97	100		
83	87.7	69.4	104.0
85	55.6	45.0	67.6
99	65.0	48.6	73.0



#56
 Ethyl methacrylate
 Concen: 9.176 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX015963.D
 Acq: 28 Apr 2020 11:36

Tgt Ion:	69	Resp:	61342
Ion	Ratio	Lower	Upper
69	100		
41	64.8	51.1	76.7
39	37.3	28.4	42.6





#57

1,3-Dichloropropane

Concen: 9.025 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX015963.D

Acq: 28 Apr 2020 11:36

Instrument :

MSVOA_N

ClientSampleId :

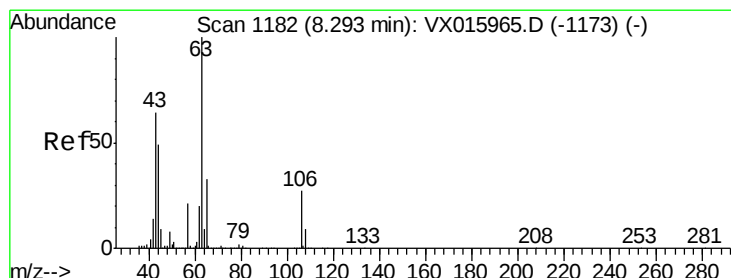
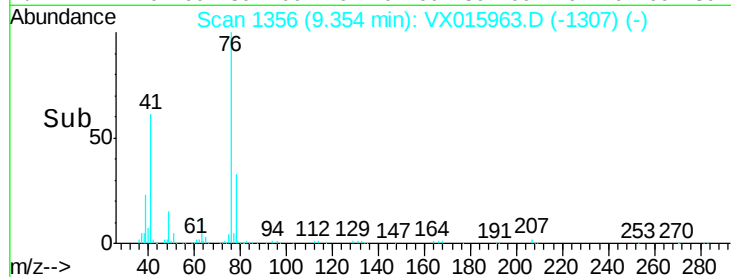
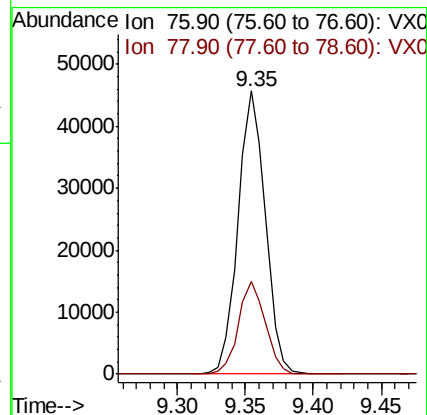
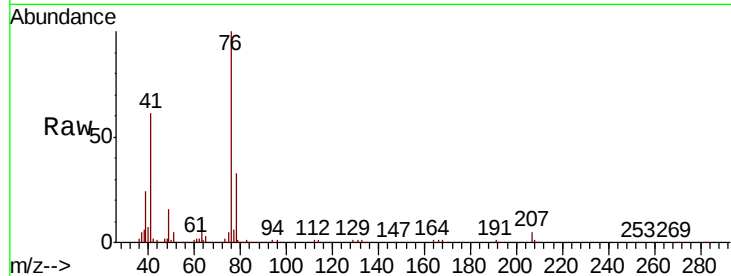
VSTDIC020

Tot Ion: 76 Resp: 63788

Ion Ratio Lower Upper

76 100

78 32.1 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 45.150 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX015963.D

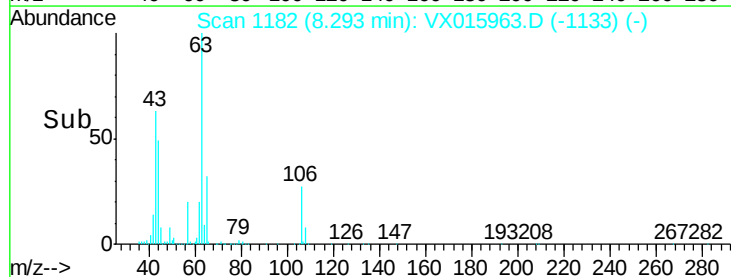
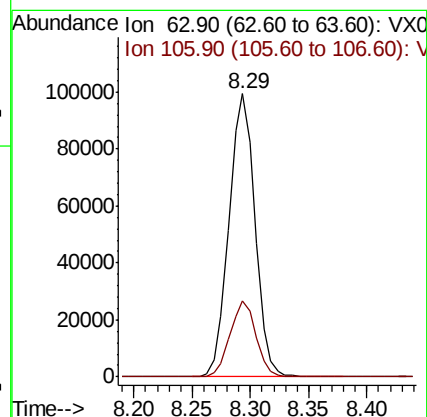
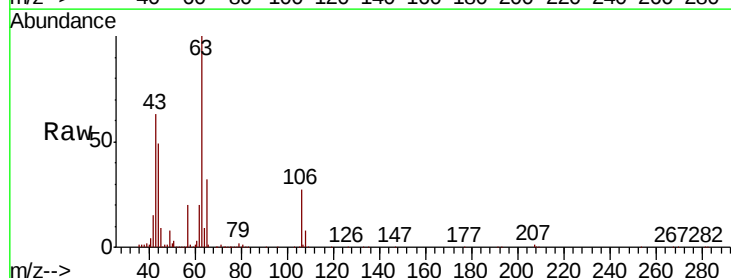
Acq: 28 Apr 2020 11:36

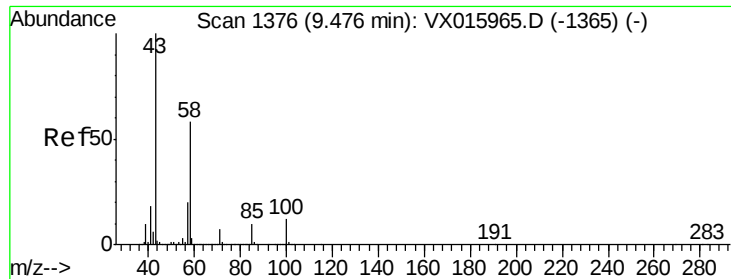
Tgt Ion: 63 Resp: 154414

Ion Ratio Lower Upper

63 100

106 26.7 21.7 32.5

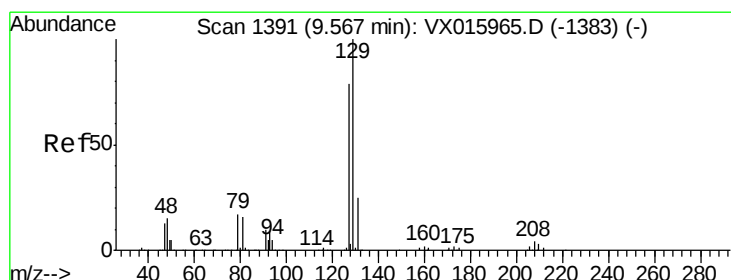
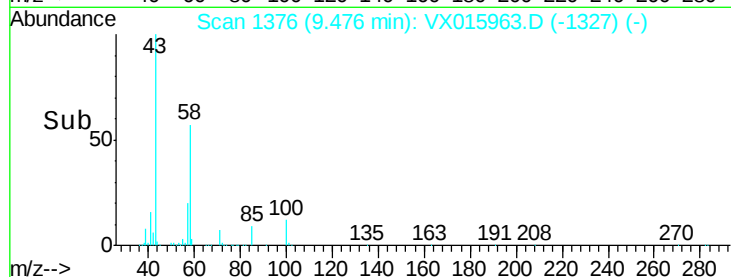
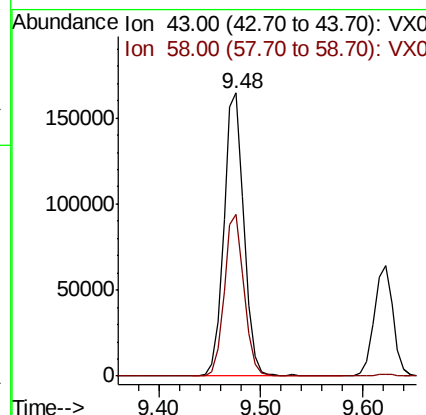
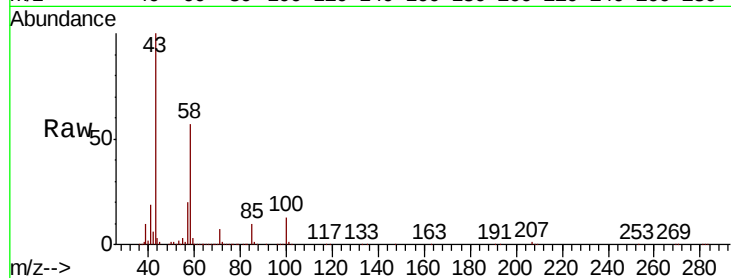




#59
2-Hexanone
Concen: 46.592 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.00 min
Lab File: VX015963.D
Acq: 28 Apr 2020 11:36

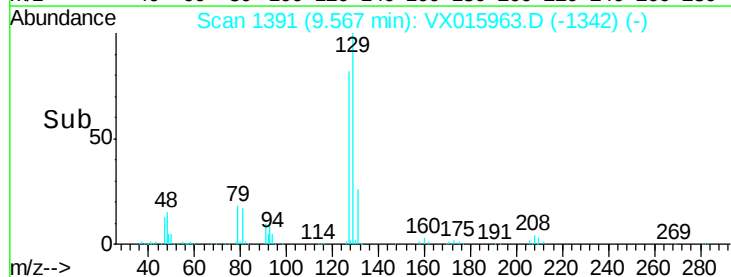
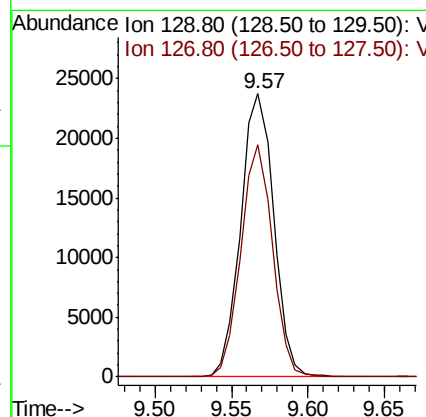
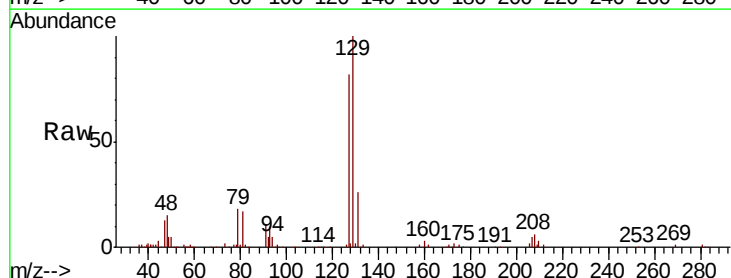
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

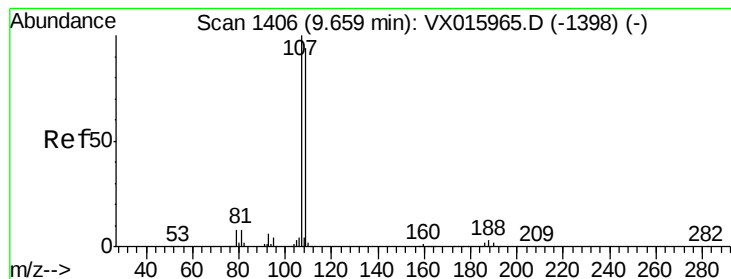
Tot Ion: 43 Resp: 224407
Ion Ratio Lower Upper
43 100
58 56.4 28.6 85.8



#60
Dibromochloromethane
Concen: 8.624 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX015963.D
Acq: 28 Apr 2020 11:36

Tgt Ion: 129 Resp: 35586
Ion Ratio Lower Upper
129 100
127 78.6 38.6 116.0





#61

1,2-Dibromoethane

Concen: 8.854 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.01 min

Lab File: VX015963.D

Acq: 28 Apr 2020 11:36

Instrument :

MSVOA_N

ClientSampleId :

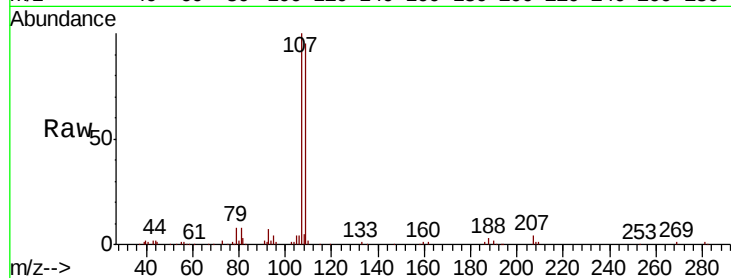
VSTDIC020

Tot Ion:107 Resp: 37722

Ion Ratio Lower Upper

107 100

109 96.9 75.0 112.6

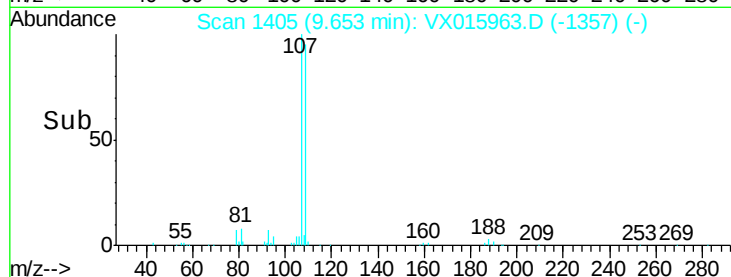


Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

Time-->



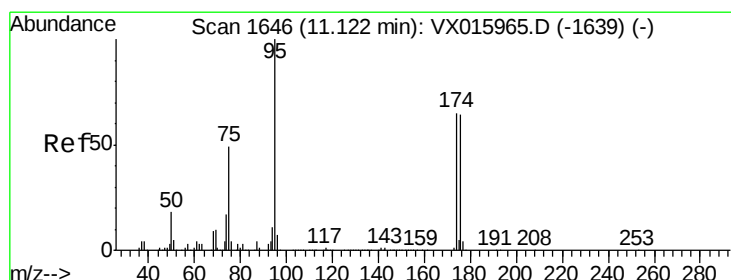
Abundance

Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

Time-->



#62

4-Bromofluorobenzene

Concen: 9.514 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX015963.D

Acq: 28 Apr 2020 11:36

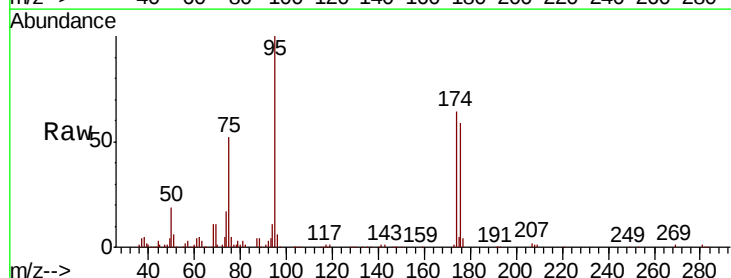
Tgt Ion: 95 Resp: 49065

Ion Ratio Lower Upper

95 100

174 65.1 0.0 133.6

176 64.0 0.0 130.4



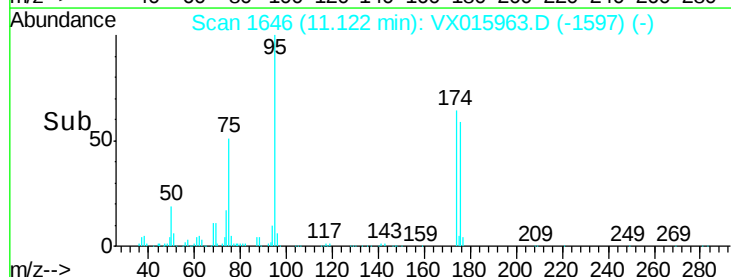
Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12

Time-->



Abundance

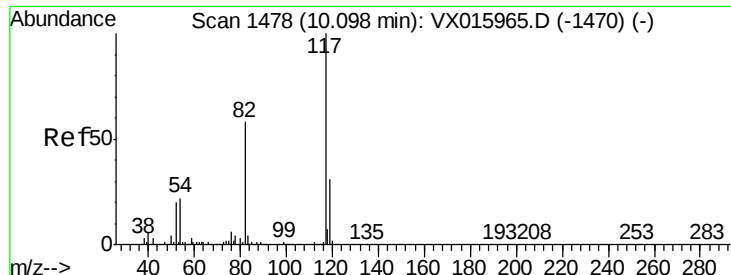
Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12

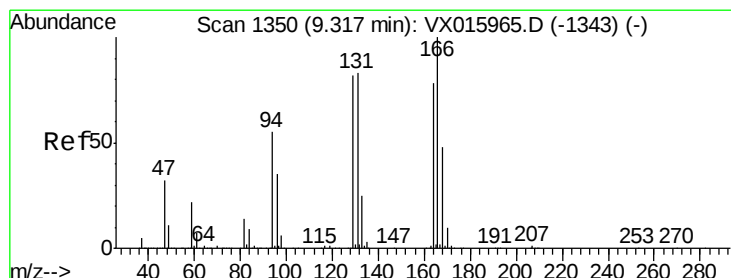
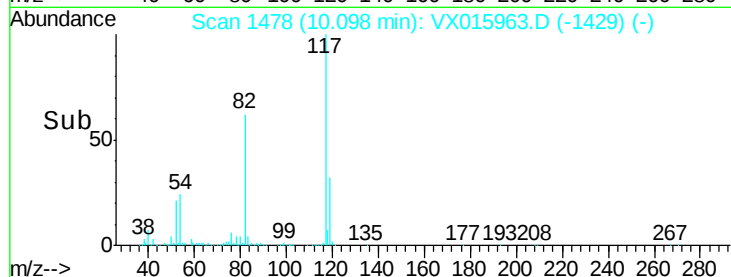
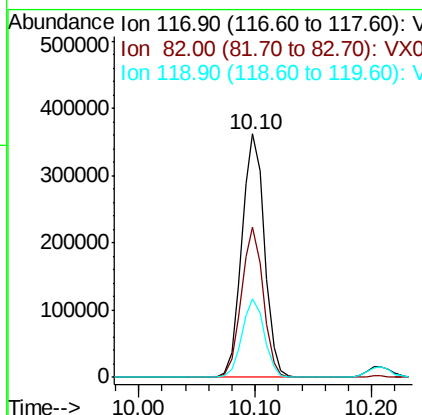
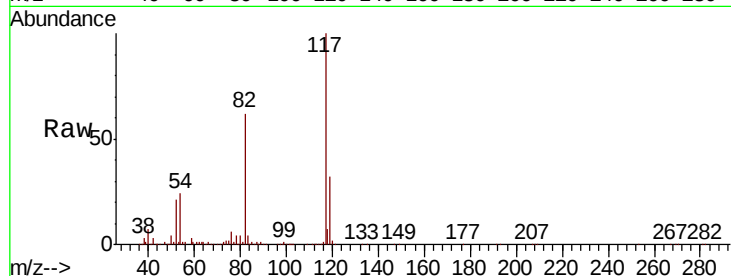
Time-->



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX015963.D
Acq: 28 Apr 2020 11:36

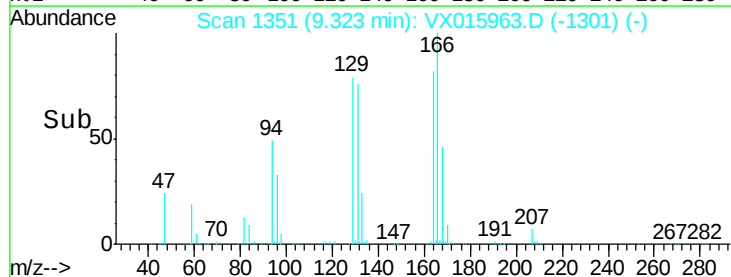
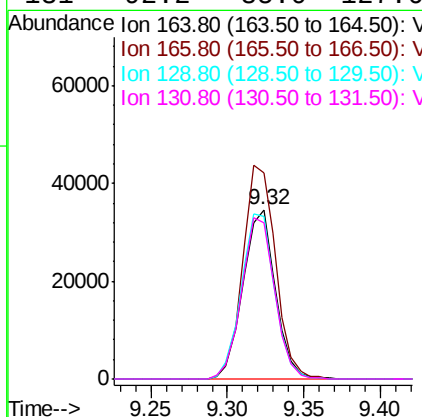
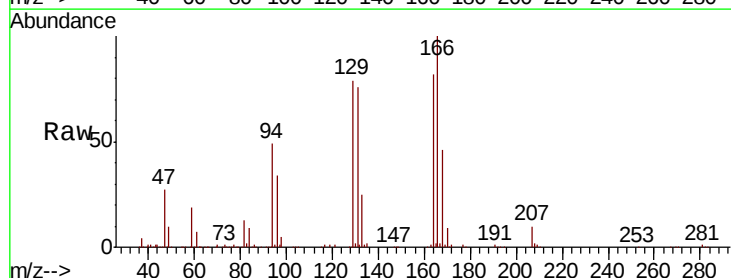
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

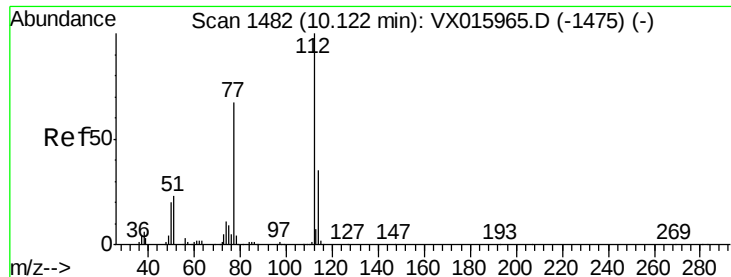
Tot Ion:117 Resp: 489920
Ion Ratio Lower Upper
117 100
82 61.6 46.6 70.0
119 32.2 25.2 37.8



#64
Tetrachloroethene
Concen: 9.492 ug/l
RT: 9.32 min Scan# 1351
Delta R.T. 0.01 min
Lab File: VX015963.D
Acq: 28 Apr 2020 11:36

Tgt Ion:164 Resp: 50713
Ion Ratio Lower Upper
164 100
166 122.0 102.0 153.0
129 96.3 83.6 125.4
131 92.2 85.0 127.6

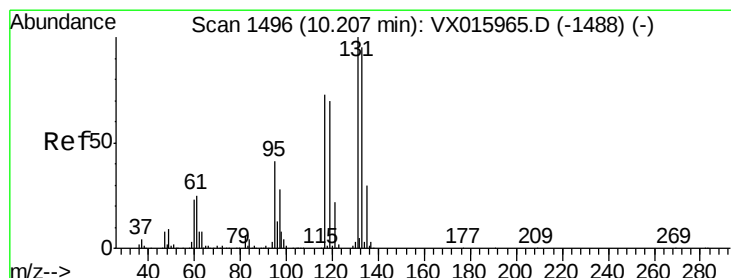
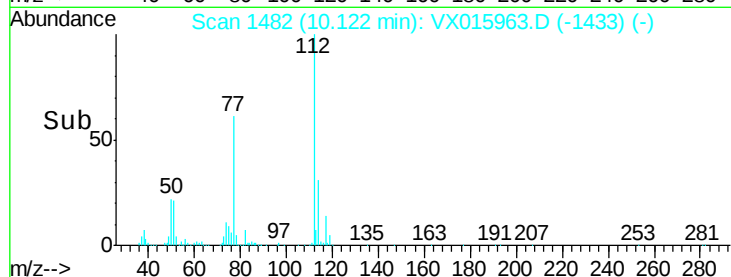
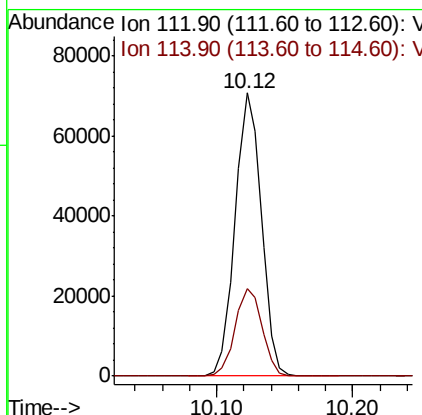
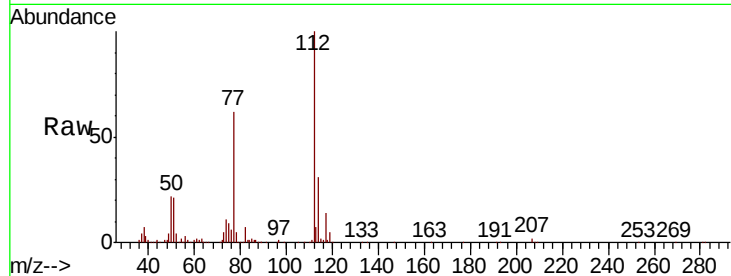




#65
Chlorobenzene
Concen: 9.191 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX015963.D
Acq: 28 Apr 2020 11:36

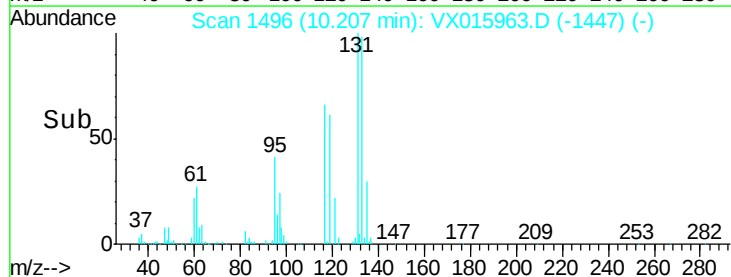
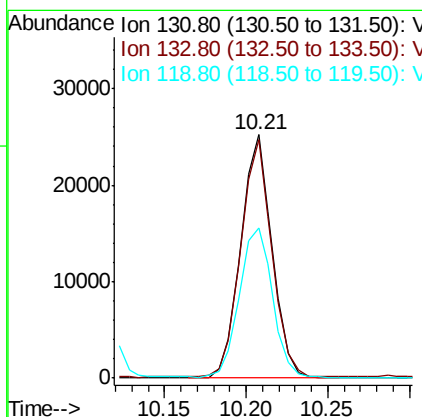
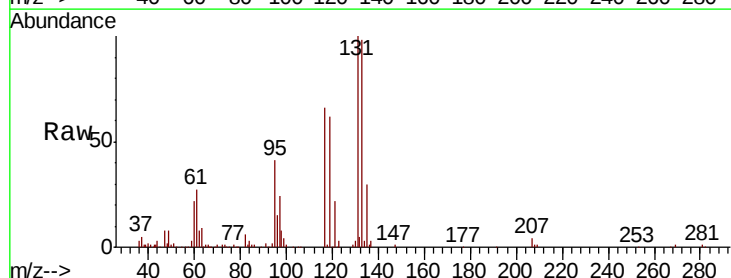
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

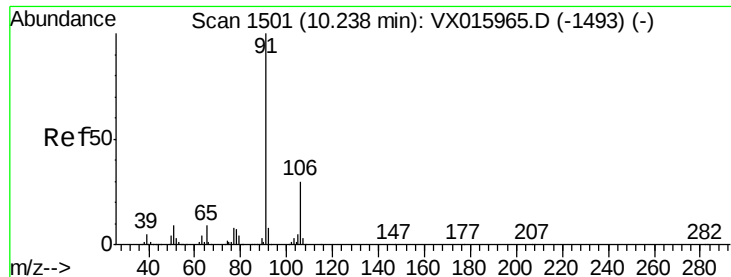
Tot Ion:112 Resp: 95171
Ion Ratio Lower Upper
112 100
114 31.1 27.8 41.6



#66
1,1,1,2-Tetrachloroethane
Concen: 9.064 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. 0.00 min
Lab File: VX015963.D
Acq: 28 Apr 2020 11:36

Tgt Ion:131 Resp: 33638
Ion Ratio Lower Upper
131 100
133 96.5 46.8 140.3
119 65.3 33.9 101.7

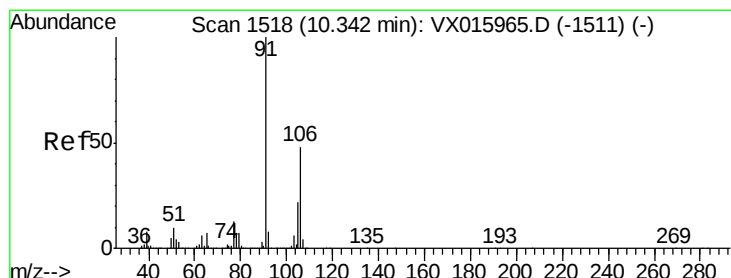
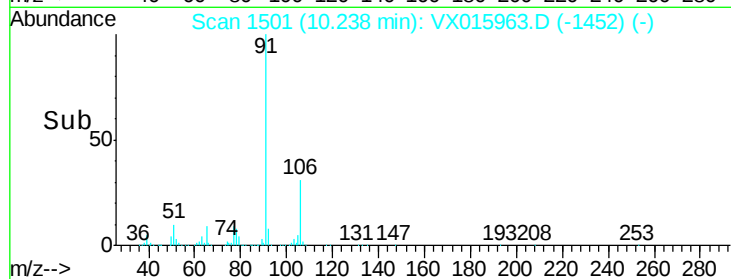
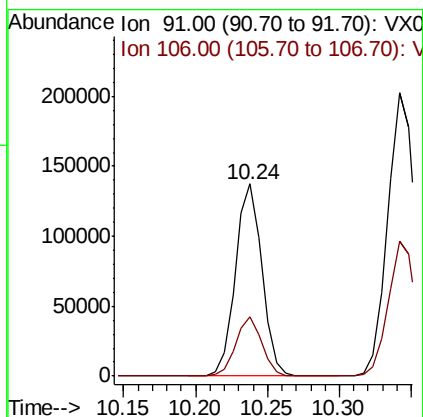
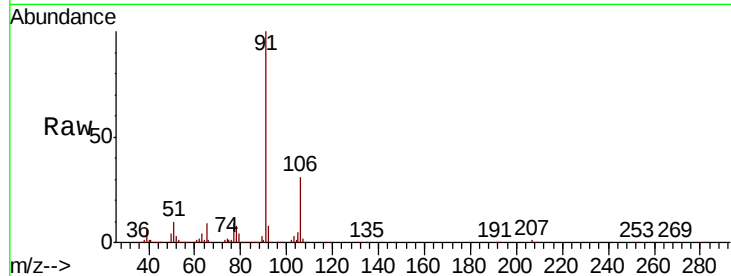




#67
Ethyl Benzene
Concen: 9.262 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.00 min
Lab File: VX015963.D
Acq: 28 Apr 2020 11:36

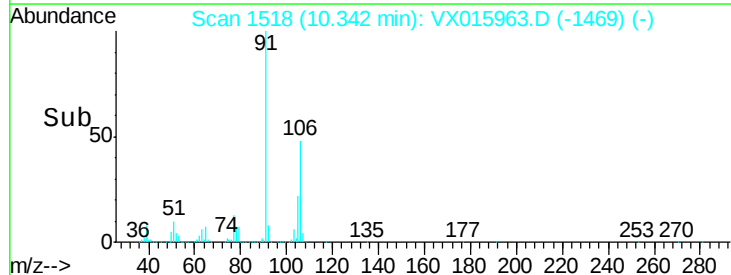
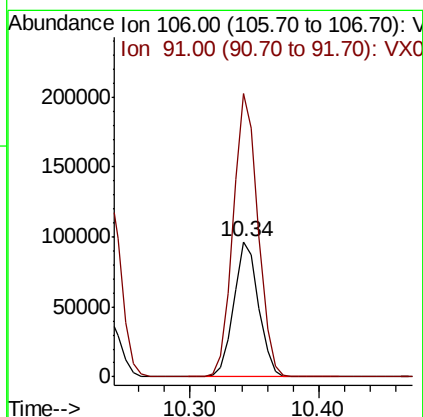
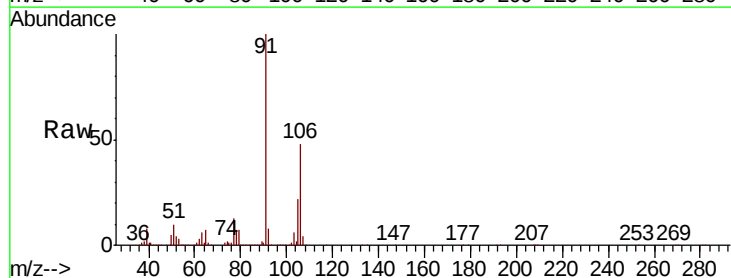
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

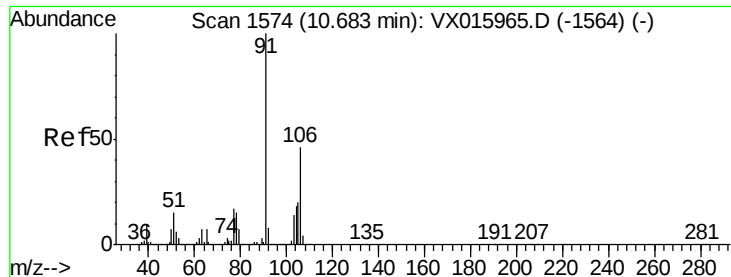
Tot Ion: 91 Resp: 176343
Ion Ratio Lower Upper
91 100
106 31.1 24.4 36.6



#68
m/p-Xylenes
Concen: 18.163 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX015963.D
Acq: 28 Apr 2020 11:36

Tgt Ion: 106 Resp: 129057
Ion Ratio Lower Upper
106 100
91 210.7 166.6 250.0

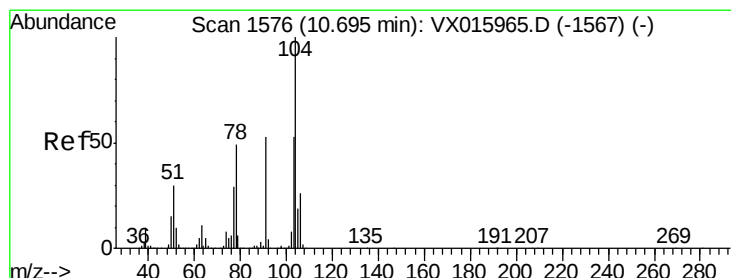
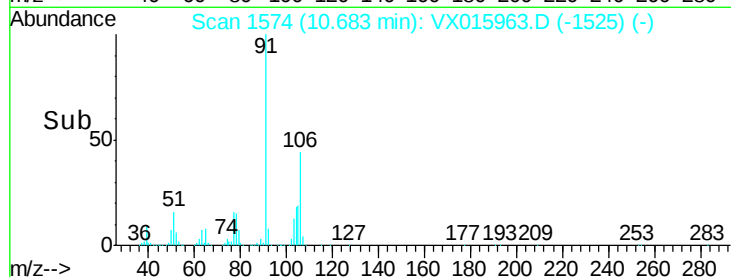
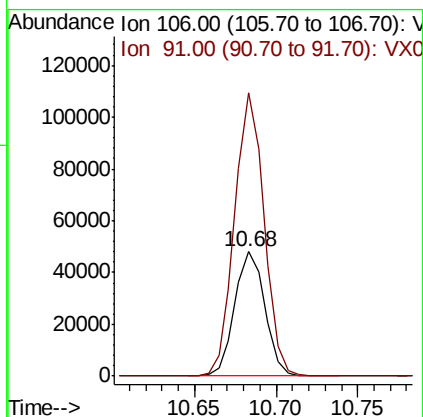
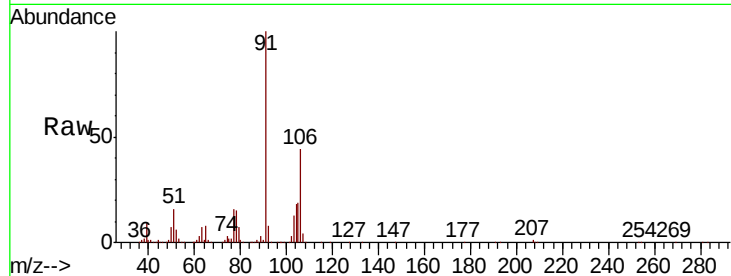




#69
o-Xylene
Concen: 9.068 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX015963.D
Acq: 28 Apr 2020 11:36

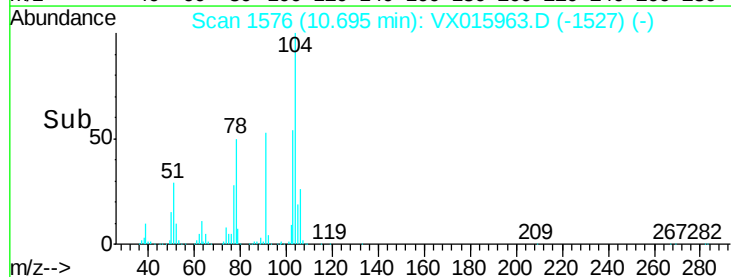
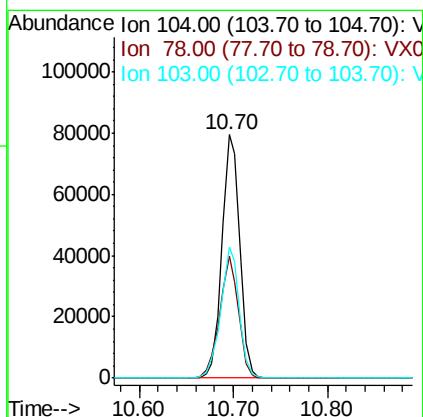
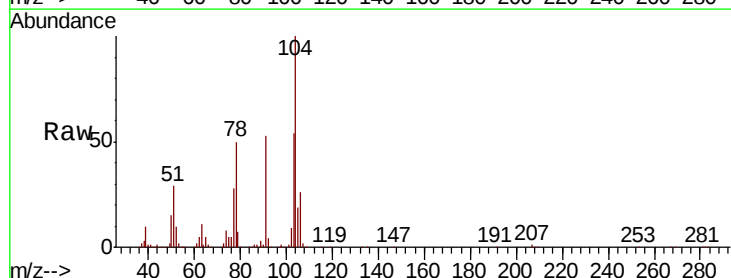
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

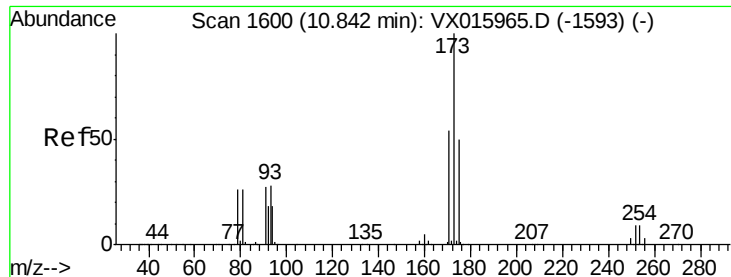
Tot Ion:106 Resp: 62179
Ion Ratio Lower Upper
106 100
91 222.4 109.8 329.4



#70
Styrene
Concen: 8.964 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX015963.D
Acq: 28 Apr 2020 11:36

Tgt Ion:104 Resp: 103953
Ion Ratio Lower Upper
104 100
78 53.3 41.5 62.3
103 56.3 44.2 66.2





#71

Bromoform

Concen: 8.627 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX015963.D

Acq: 28 Apr 2020 11:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

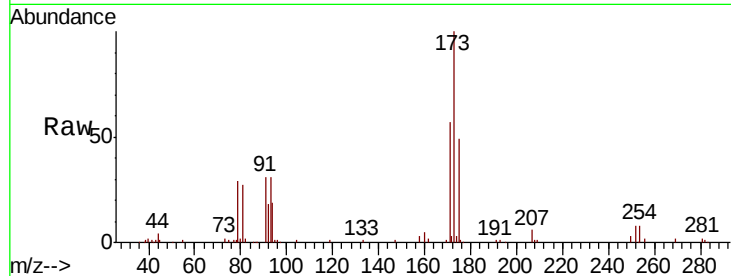
Tot Ion:173 Resp: 22657

Ion Ratio Lower Upper

173 100

175 49.7 23.6 71.0

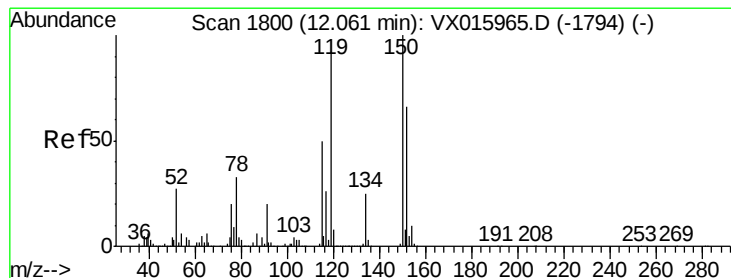
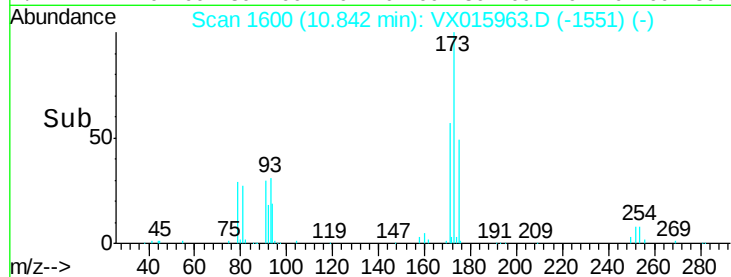
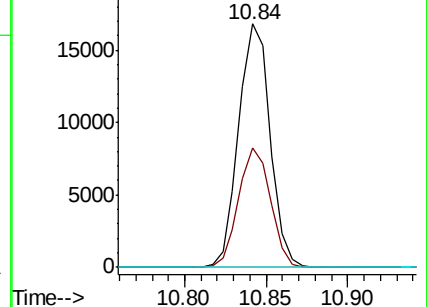
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1801

Delta R.T. 0.01 min

Lab File: VX015963.D

Acq: 28 Apr 2020 11:36

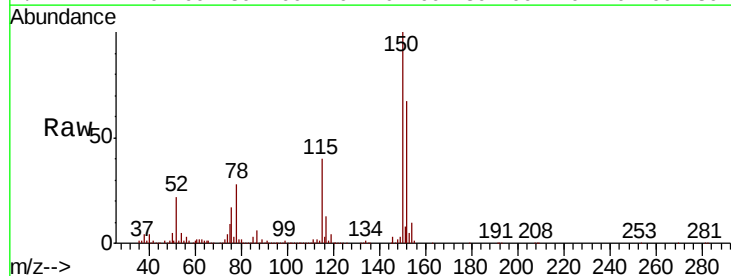
Tgt Ion:152 Resp: 228849

Ion Ratio Lower Upper

152 100

115 67.8 45.2 135.6

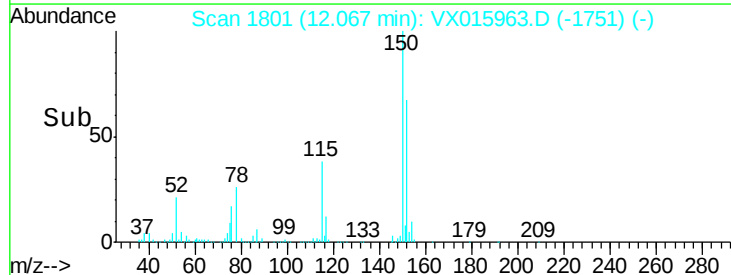
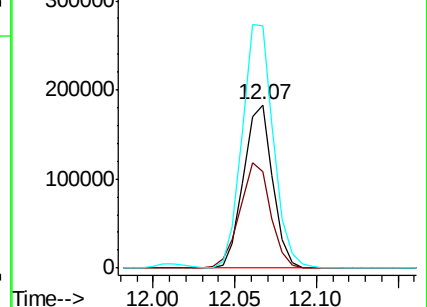
150 158.6 0.0 354.6

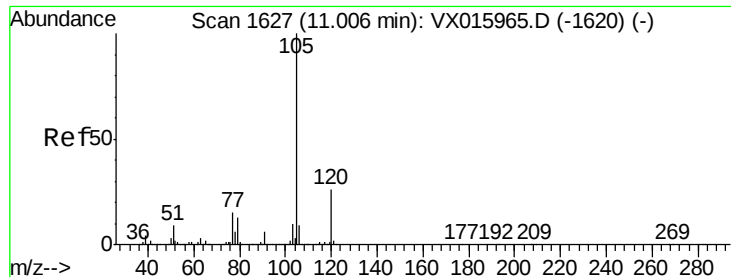


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 9.175 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX015963.D

Acq: 28 Apr 2020 11:36

Instrument :

MSVOA_N

ClientSampled :

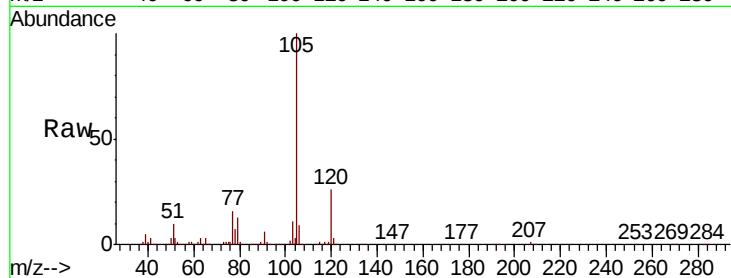
VSTDIC020

Tot Ion:105 Resp: 165615

Ion Ratio Lower Upper

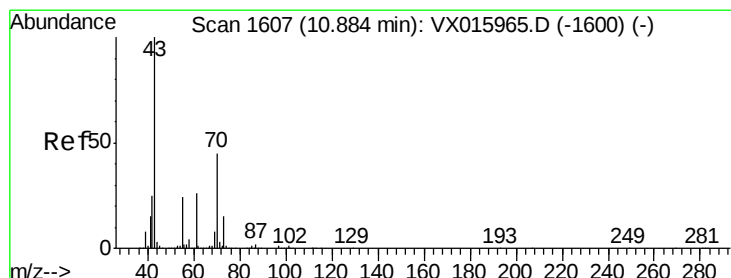
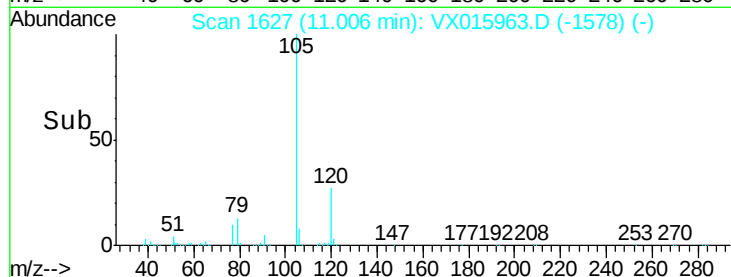
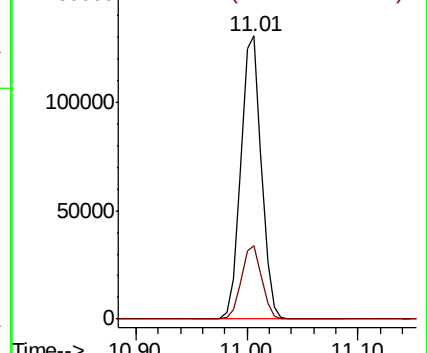
105 100

120 25.8 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 9.501 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.00 min

Lab File: VX015963.D

Acq: 28 Apr 2020 11:36

Tgt Ion: 43 Resp: 80767

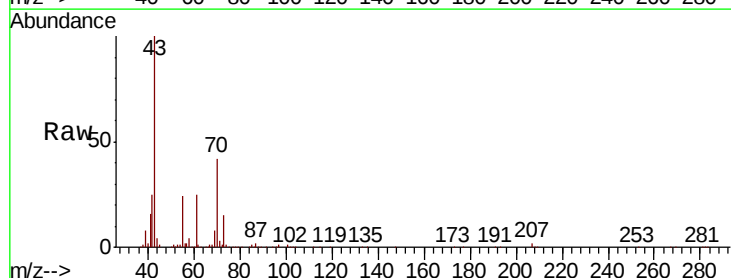
Ion Ratio Lower Upper

43 100

70 43.2 35.6 53.4

55 24.9 19.5 29.3

61 25.5 20.4 30.6

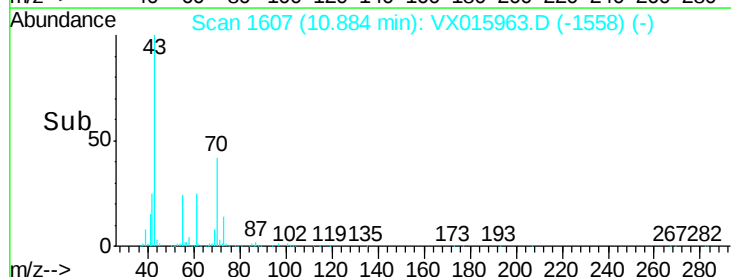
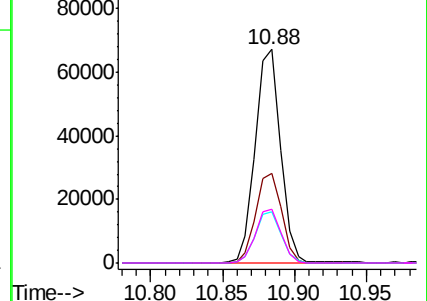


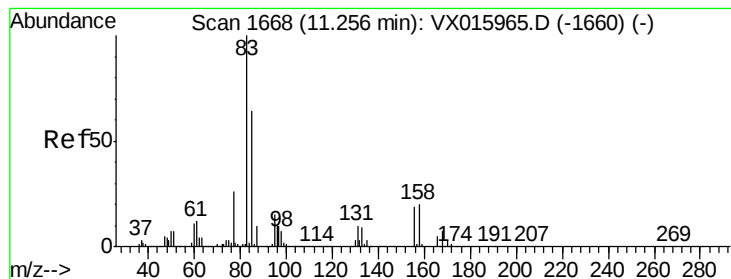
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 7.341 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.00 min

Lab File: VX015963.D

Acq: 28 Apr 2020 11:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

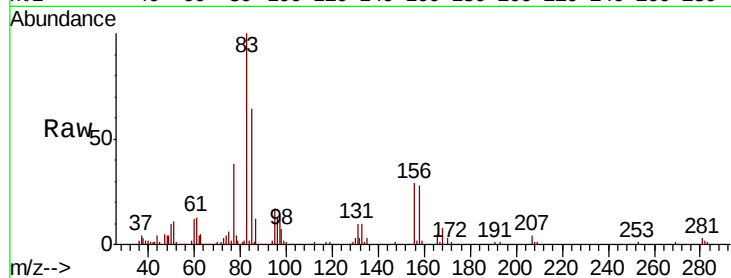
Tot Ion: 83 Resp: 25611

Ion Ratio Lower Upper

83 100

131 9.7 4.7 14.1

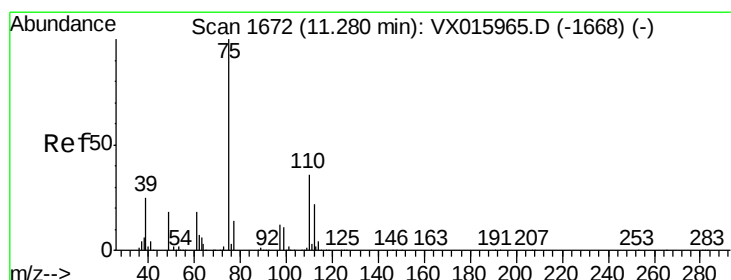
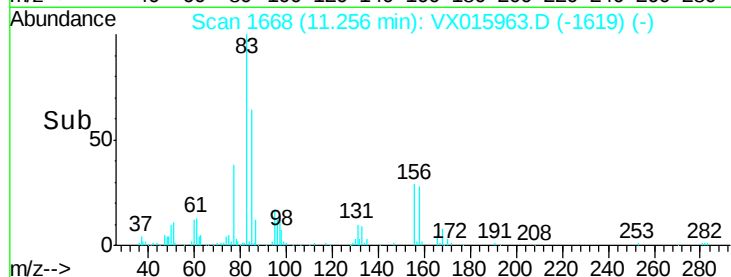
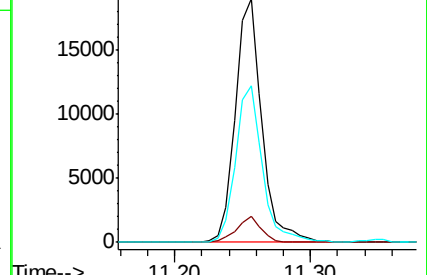
85 65.0 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 12.823 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX015963.D

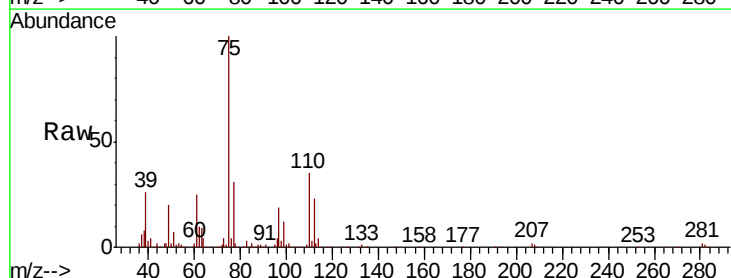
Acq: 28 Apr 2020 11:36

Tgt Ion: 75 Resp: 73571

Ion Ratio Lower Upper

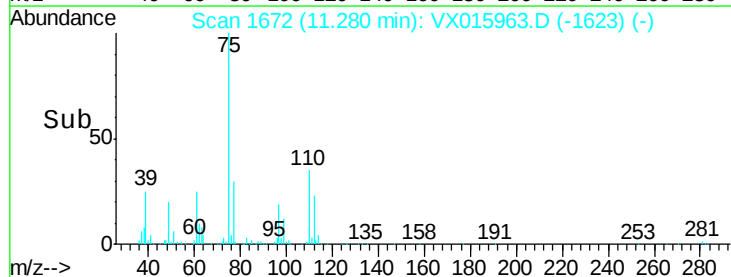
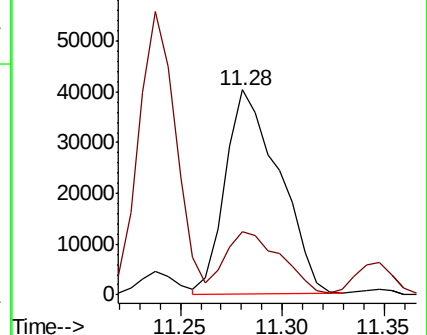
75 100

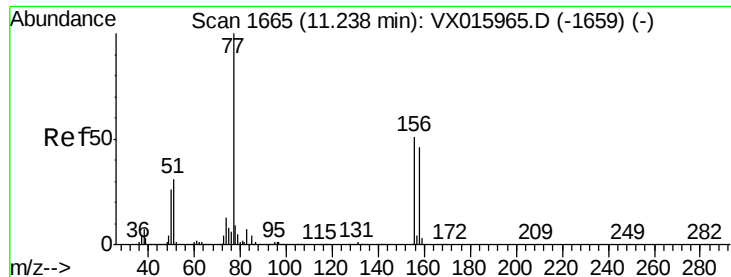
77 32.1 22.0 66.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

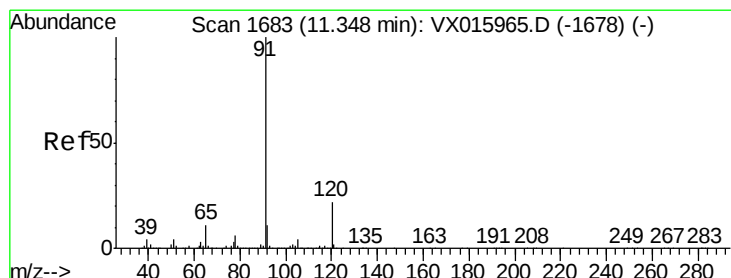
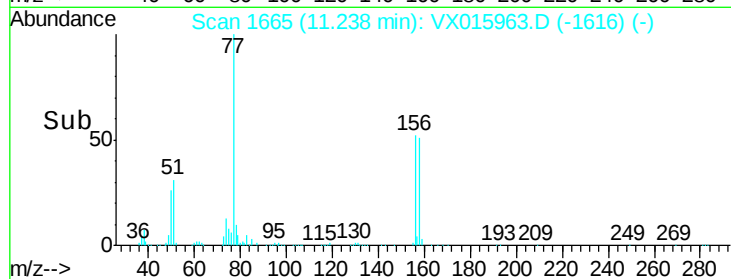
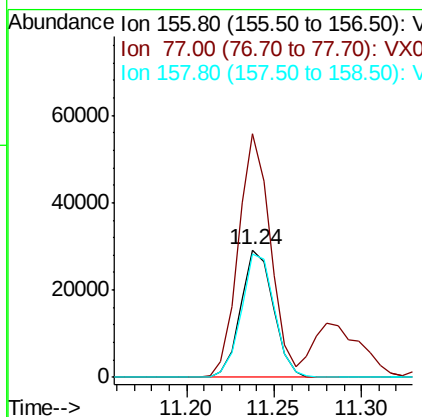
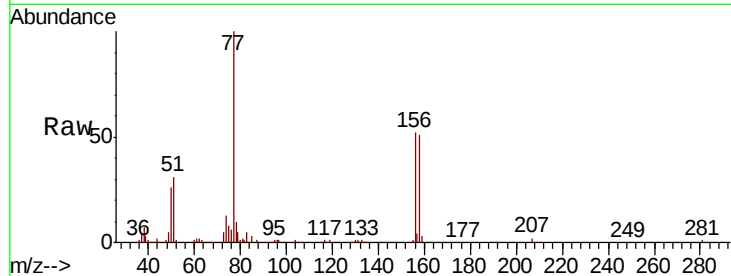




#77
Bromobenzene
Concen: 9.370 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VX015963.D
Acq: 28 Apr 2020 11:36

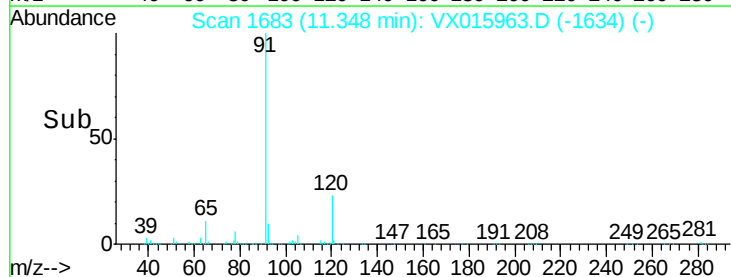
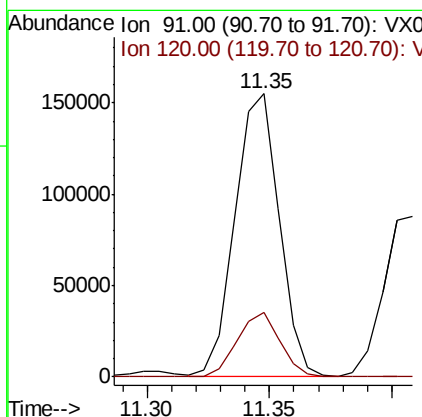
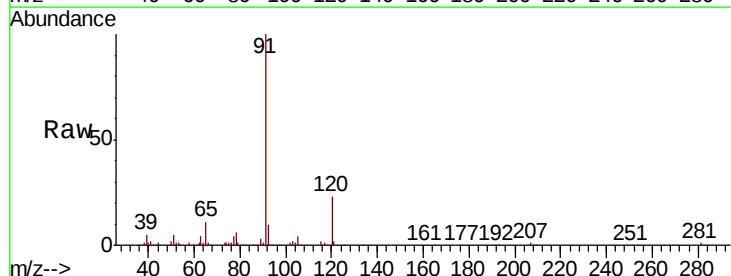
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

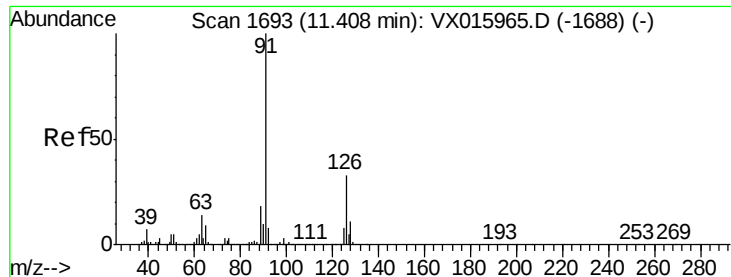
Tot Ion:156 Resp: 37972
Ion Ratio Lower Upper
156 100
77 187.1 93.8 281.3
158 97.8 47.5 142.5



#78
n-propylbenzene
Concen: 9.062 ug/l
RT: 11.35 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VX015963.D
Acq: 28 Apr 2020 11:36

Tgt Ion: 91 Resp: 194020
Ion Ratio Lower Upper
91 100
120 22.0 10.9 32.9





#79

2-Chlorotoluene

Concen: 9.093 ug/l

RT: 11.41 min Scan# 1693

Delta R.T. 0.00 min

Lab File: VX015963.D

Acq: 28 Apr 2020 11:36

Instrument :

MSVOA_N

ClientSampleId :

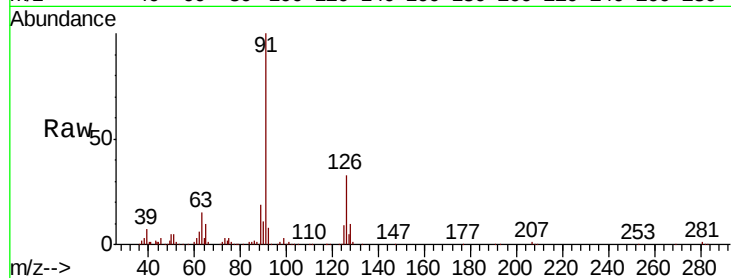
VSTDIC020

Tot Ion: 91 Resp: 114368

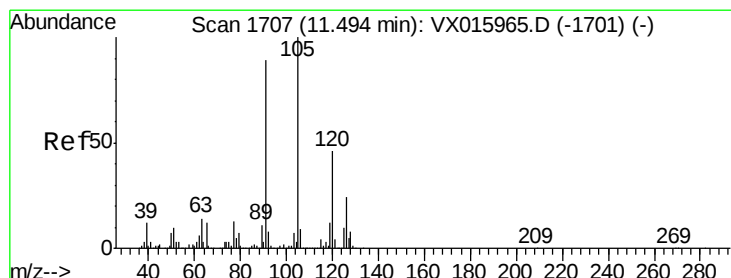
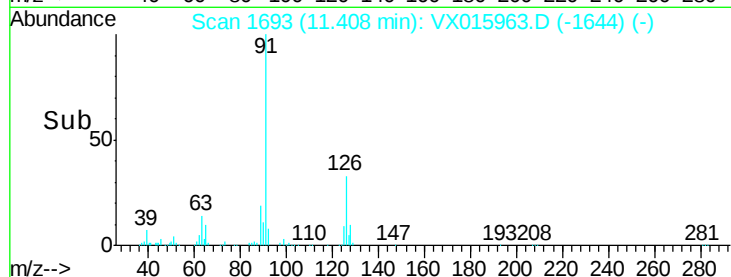
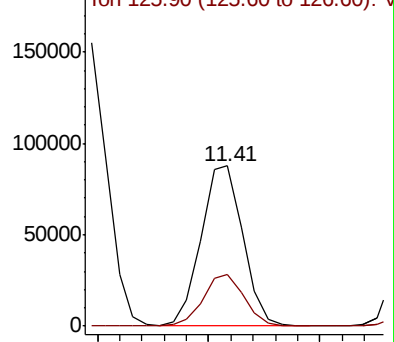
Ion Ratio Lower Upper

91 100

126 31.9 16.0 47.9



Abundance Ion 91.00 (90.70 to 91.70): VX015963.D (-1688) (-)



#80

1,3,5-Trimethylbenzene

Concen: 8.994 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX015963.D

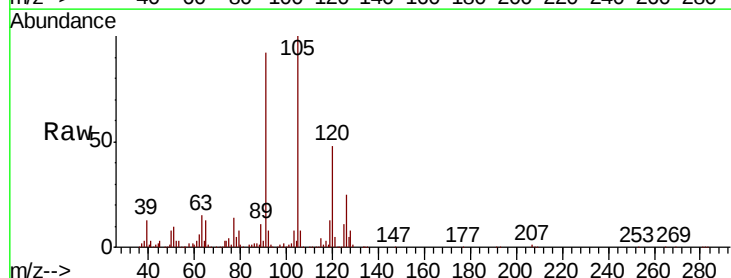
Acq: 28 Apr 2020 11:36

Tgt Ion: 105 Resp: 138351

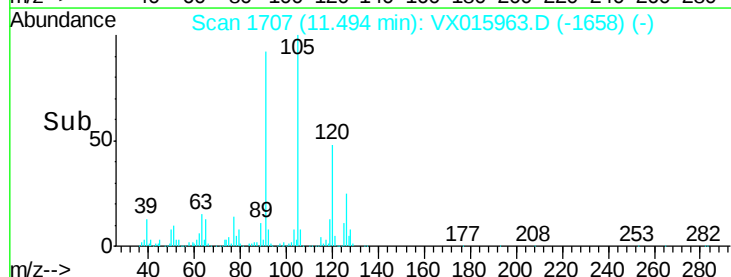
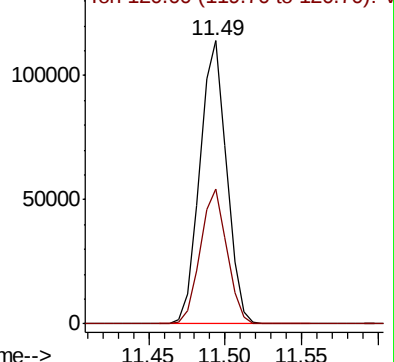
Ion Ratio Lower Upper

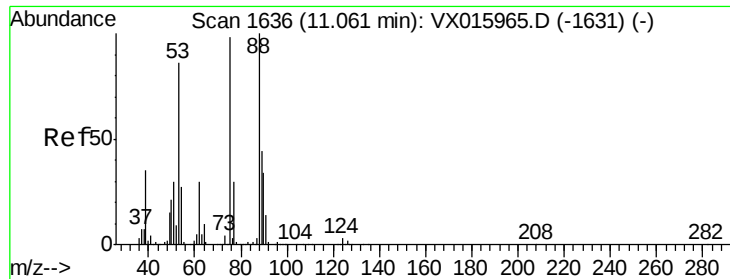
105 100

120 47.1 23.4 70.2



Abundance Ion 105.00 (104.70 to 105.70): VX015963.D (-1701) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 9.145 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VX015963.D

Acq: 28 Apr 2020 11:36

Instrument :

MSVOA_N

ClientSampled :

VSTDIC020

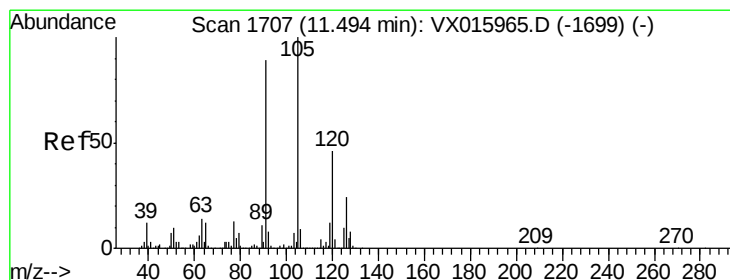
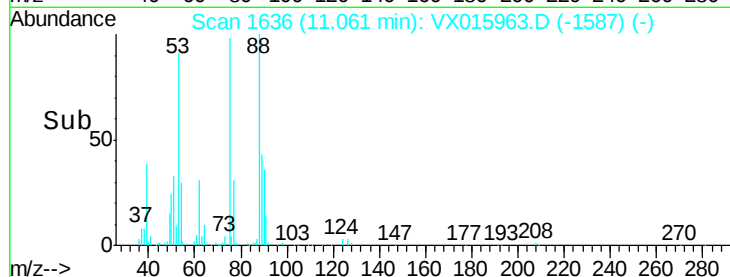
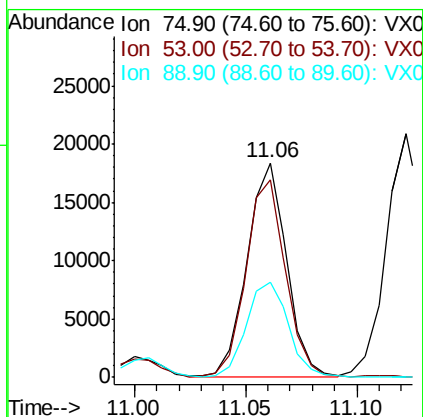
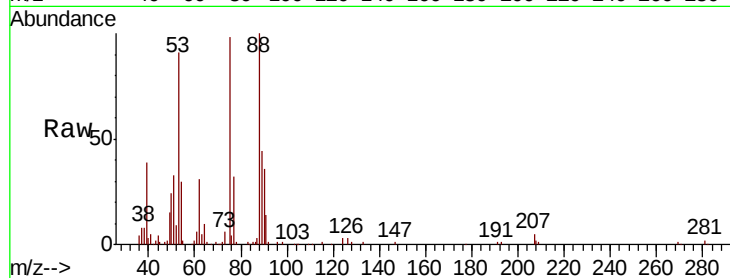
Tot Ion: 75 Resp: 22663

Ion Ratio Lower Upper

75 100

53 93.1 71.4 107.0

89 47.5 36.2 54.4



#82

4-Chlorotoluene

Concen: 8.929 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX015963.D

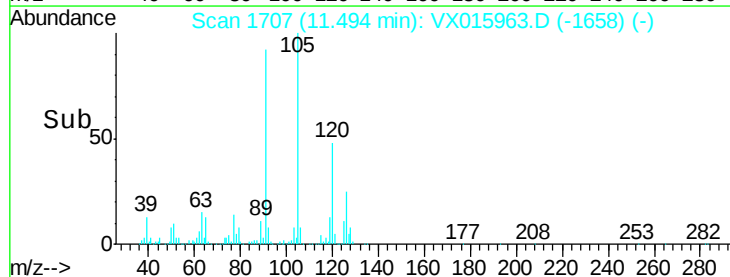
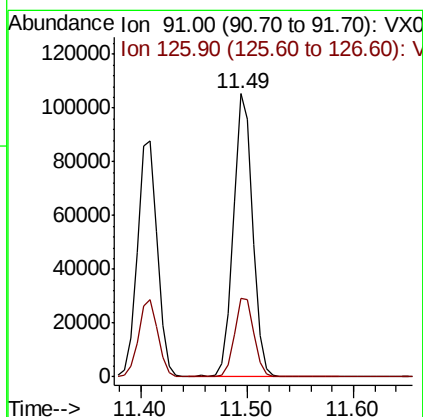
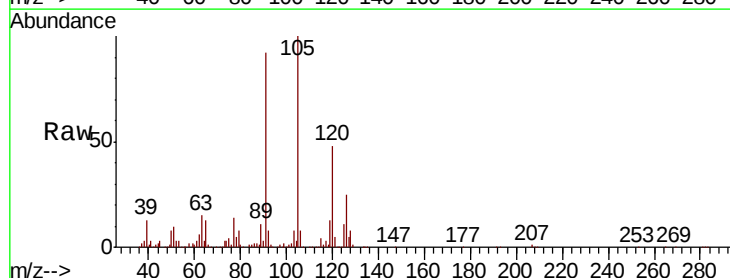
Acq: 28 Apr 2020 11:36

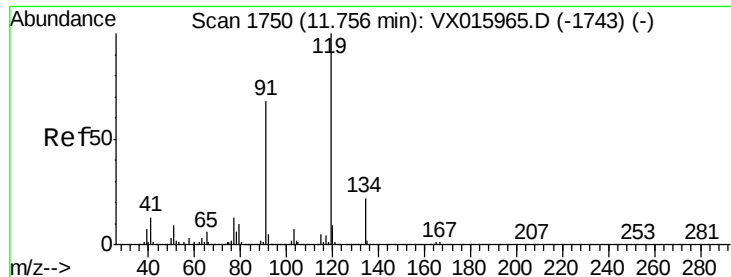
Tgt Ion: 91 Resp: 133722

Ion Ratio Lower Upper

91 100

126 28.1 14.1 42.2





#83

tert-Butylbenzene

Concen: 9.041 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX015963.D

Acq: 28 Apr 2020 11:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

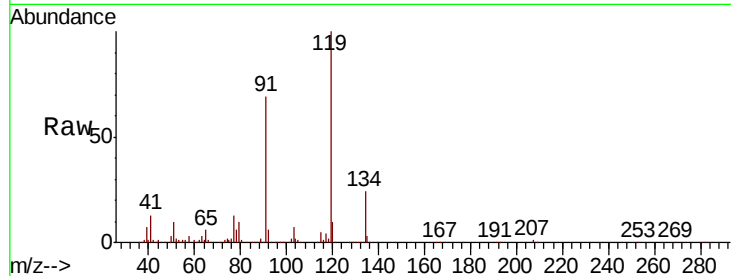
Tot Ion:119 Resp: 116647

Ion Ratio Lower Upper

119 100

91 70.0 34.9 104.7

134 23.2 11.4 34.1



Abundance Ion 119.00 (118.70 to 119.70): V

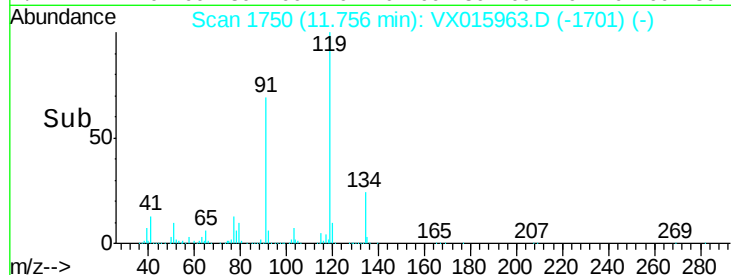
Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V

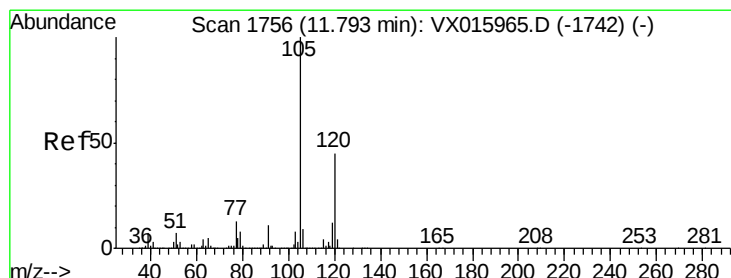
11.76

11.75

11.80



Time-->



#84

1,2,4-Trimethylbenzene

Concen: 9.129 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX015963.D

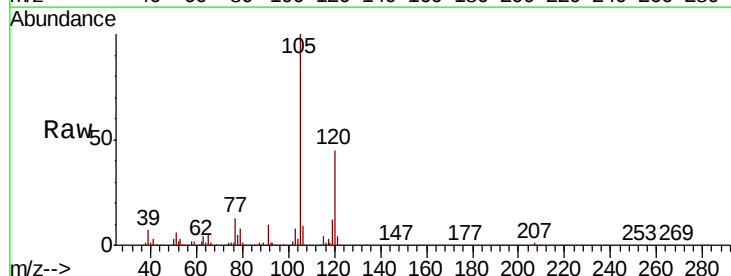
Acq: 28 Apr 2020 11:36

Tgt Ion:105 Resp: 141742

Ion Ratio Lower Upper

105 100

120 43.9 21.9 65.8

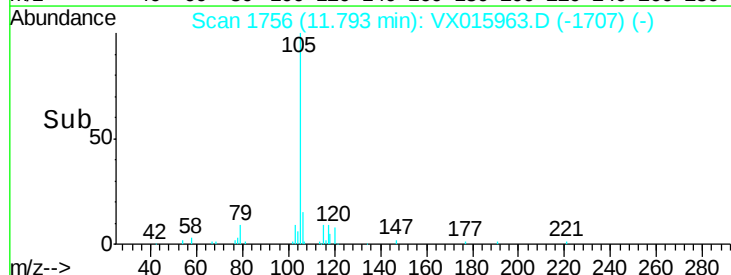


Abundance Ion 105.00 (104.70 to 105.70): V

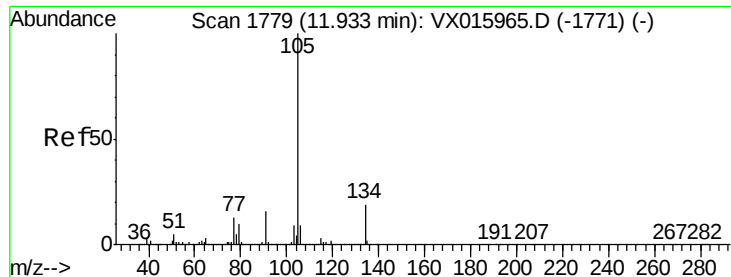
Ion 120.00 (119.70 to 120.70): V

11.79

11.80



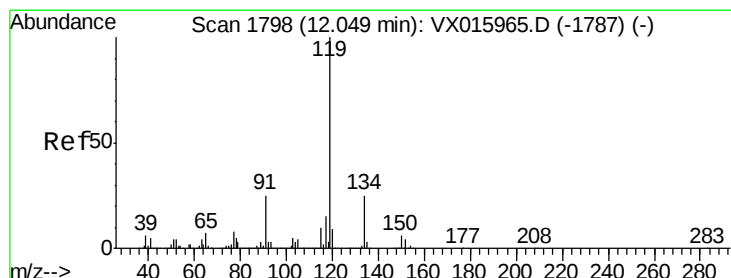
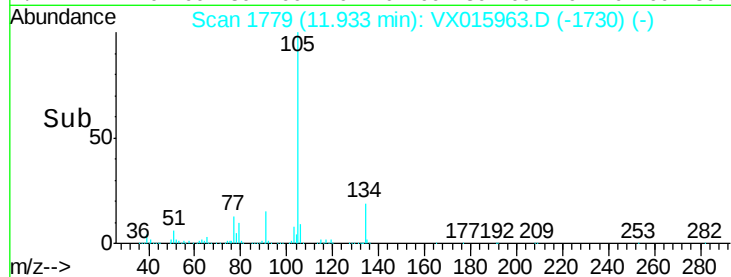
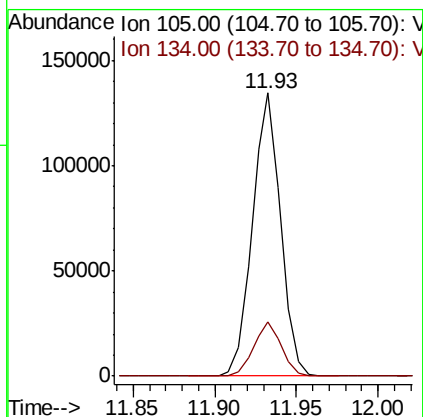
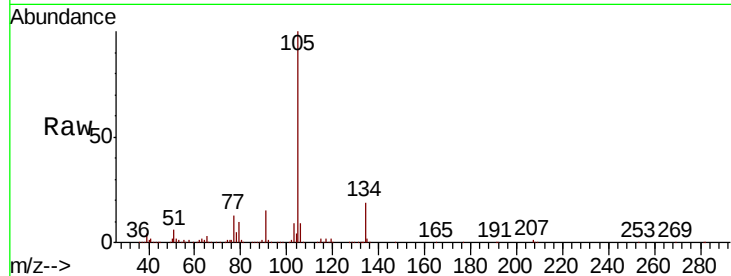
Time-->



#85
 sec-Butylbenzene
 Concen: 9.033 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VX015963.D
 Acq: 28 Apr 2020 11:36

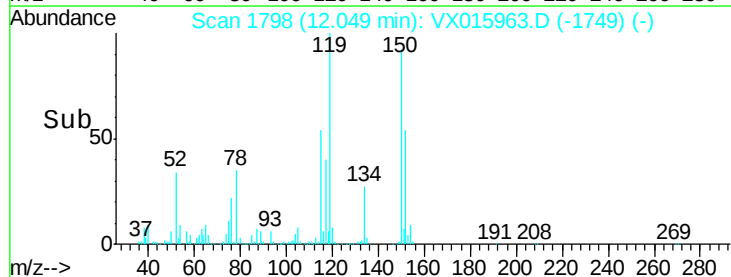
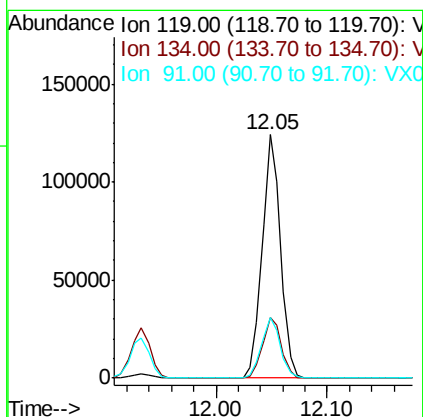
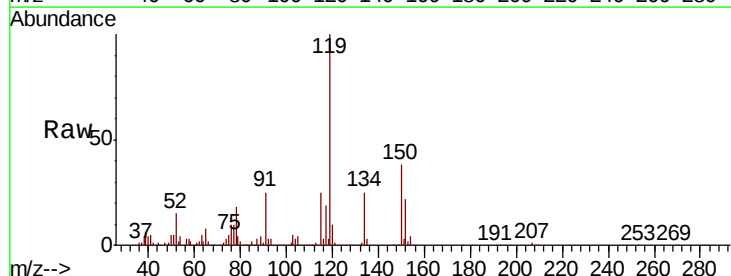
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC020

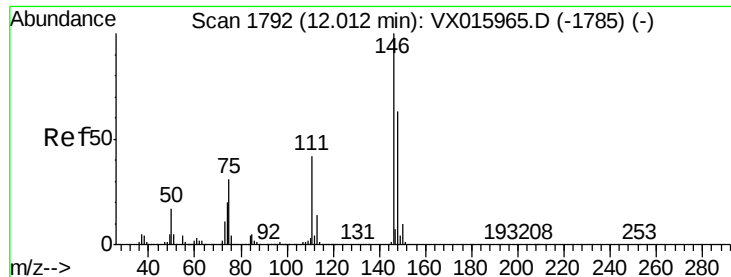
Tot Ion:105 Resp: 161200
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.3 28.0



#86
 p-Isopropyltoluene
 Concen: 8.821 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX015963.D
 Acq: 28 Apr 2020 11:36

Tgt Ion:119 Resp: 144638
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.6 37.6
 91 25.2 12.3 36.8





#87

1,3-Dichlorobenzene

Concen: 8.832 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX015963.D

Acq: 28 Apr 2020 11:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

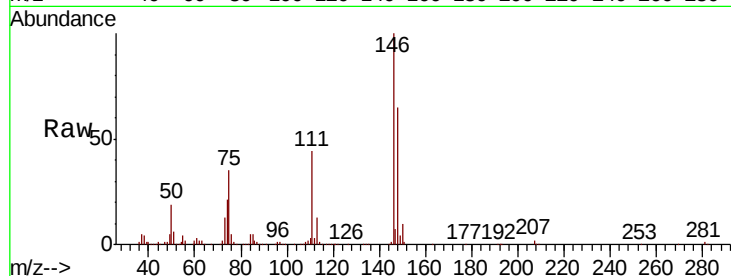
Tot Ion:146 Resp: 67849

Ion Ratio Lower Upper

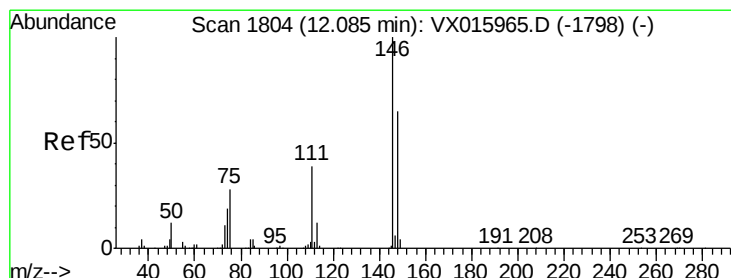
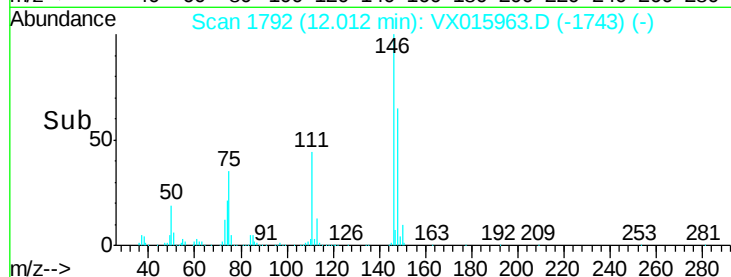
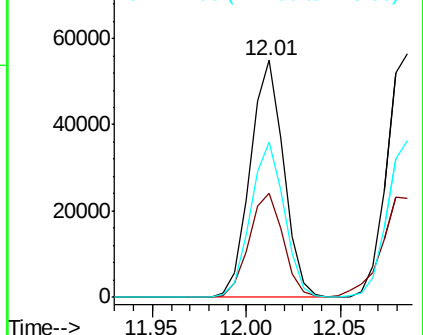
146 100

111 44.9 22.0 66.0

148 65.4 31.3 93.9



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 9.076 ug/l

RT: 12.09 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VX015963.D

Acq: 28 Apr 2020 11:36

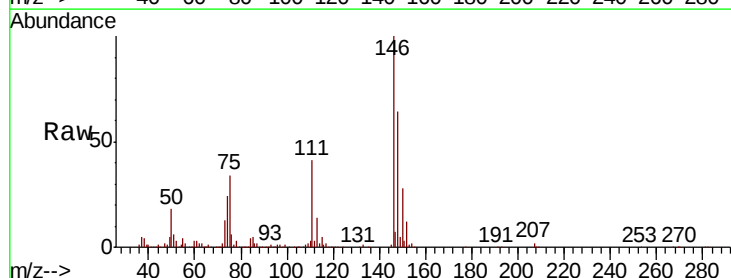
Tgt Ion:146 Resp: 70316

Ion Ratio Lower Upper

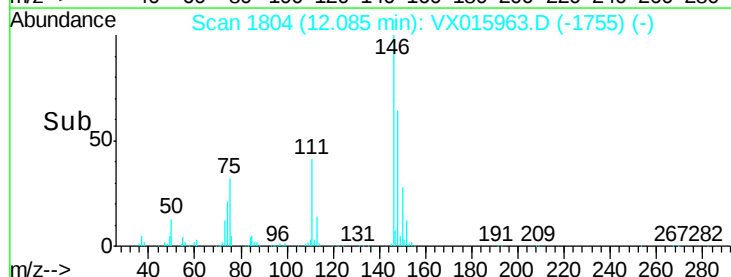
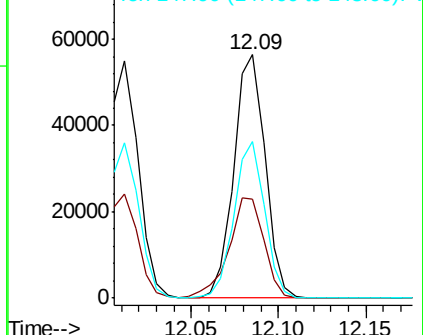
146 100

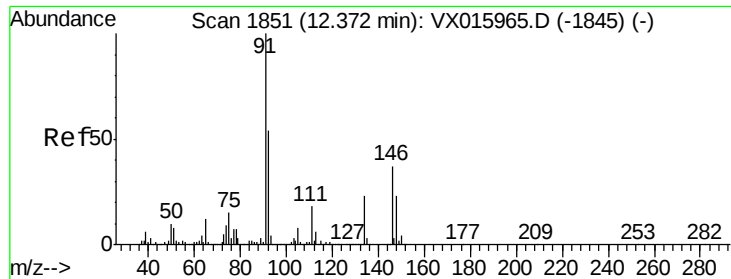
111 46.5 21.6 65.0

148 63.2 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 8.875 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX015963.D

Acq: 28 Apr 2020 11:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

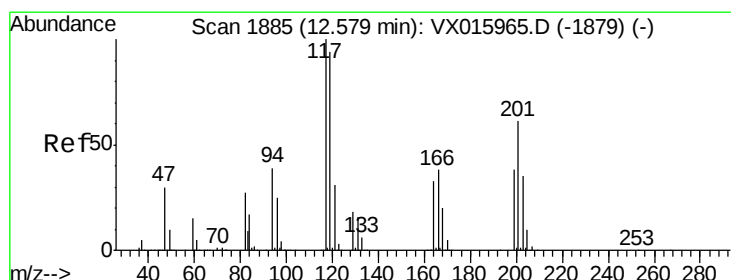
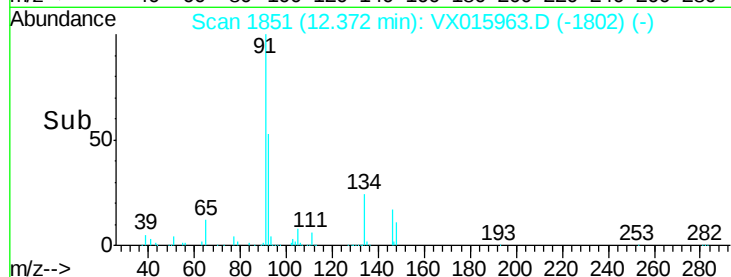
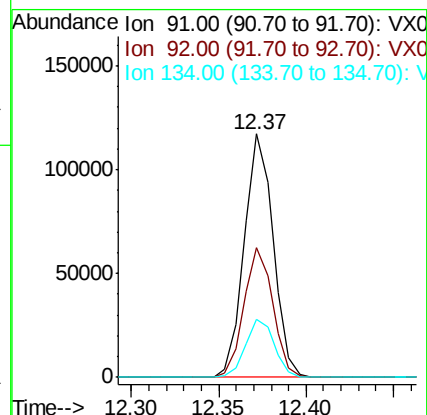
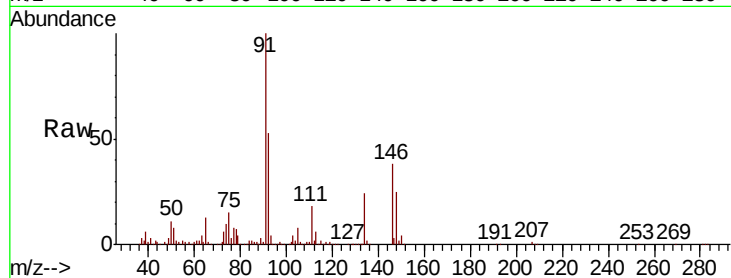
Tot Ion: 91 Resp: 134506

Ion Ratio Lower Upper

91 100

92 53.2 26.9 80.6

134 23.9 12.0 36.0



#90

Hexachloroethane

Concen: 8.764 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX015963.D

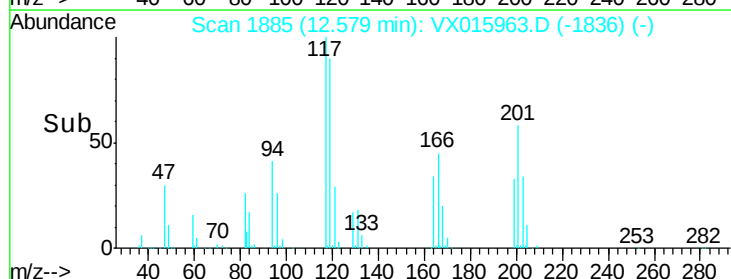
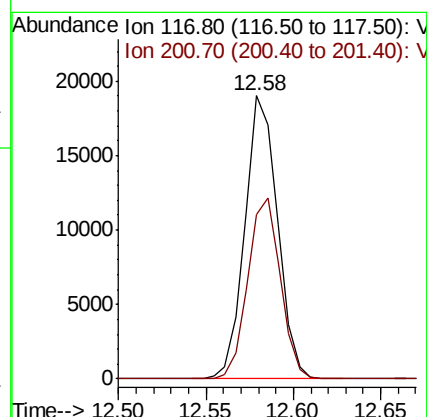
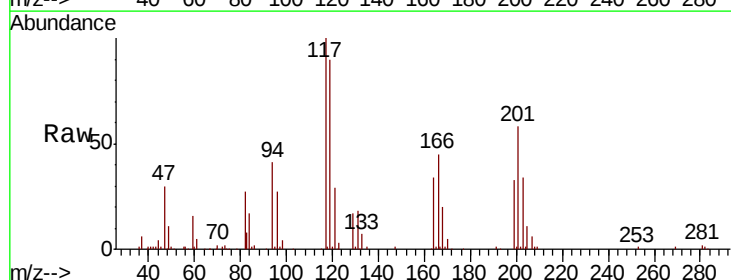
Acq: 28 Apr 2020 11:36

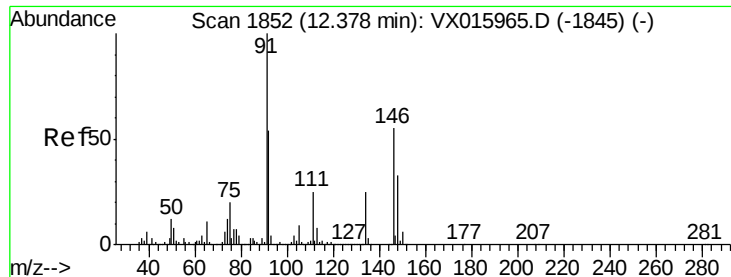
Tgt Ion: 117 Resp: 24628

Ion Ratio Lower Upper

117 100

201 63.8 31.9 95.7





#91

1,2-Dichlorobenzene

Concen: 9.296 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX015963.D

Acq: 28 Apr 2020 11:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

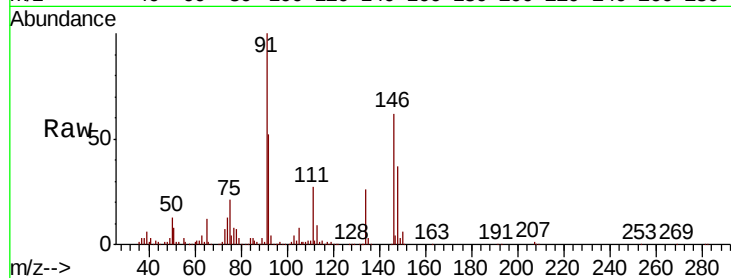
Tot Ion:146 Resp: 68581

Ion Ratio Lower Upper

146 100

111 44.0 22.9 68.8

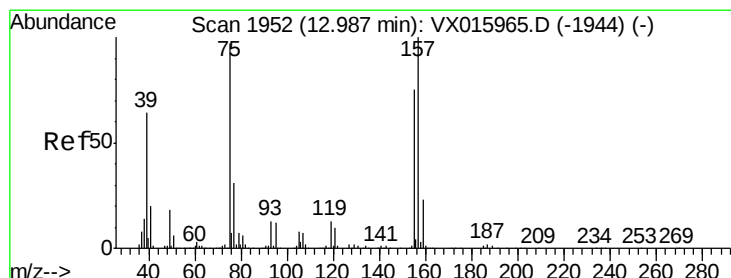
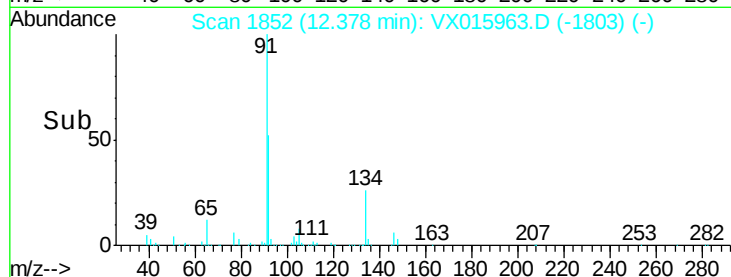
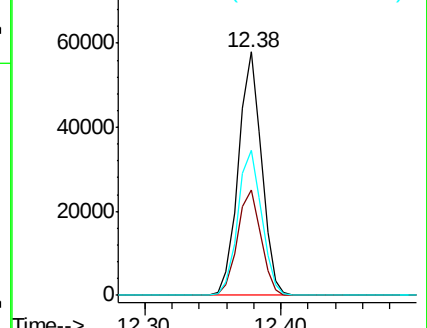
148 61.7 31.0 93.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 9.021 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.01 min

Lab File: VX015963.D

Acq: 28 Apr 2020 11:36

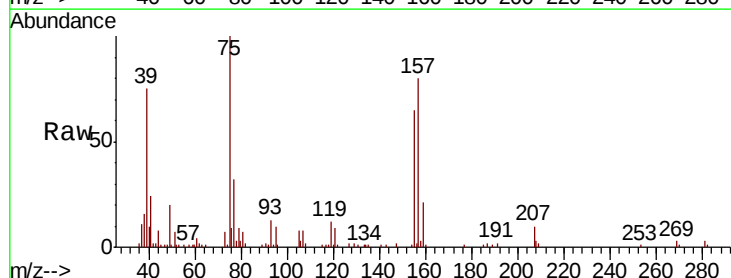
Tgt Ion: 75 Resp: 13364

Ion Ratio Lower Upper

75 100

155 71.6 36.1 108.3

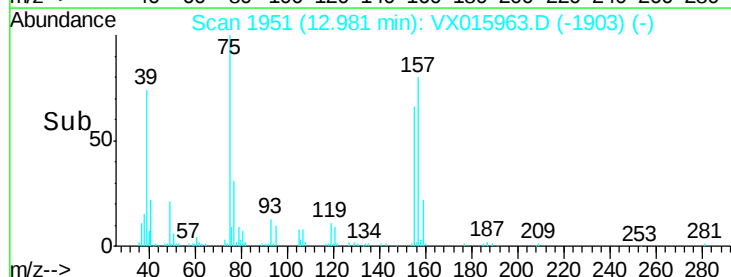
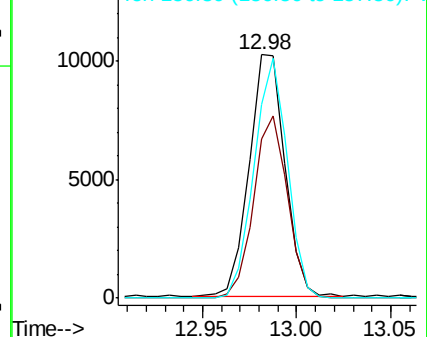
157 92.6 46.9 140.8

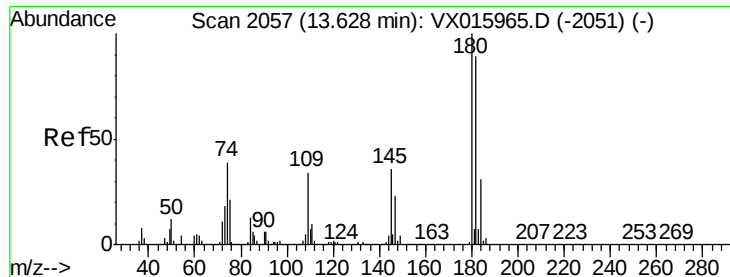


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

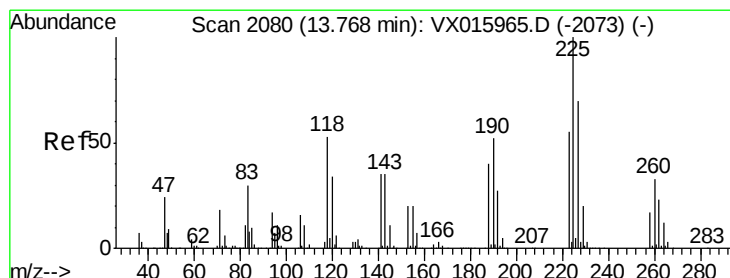
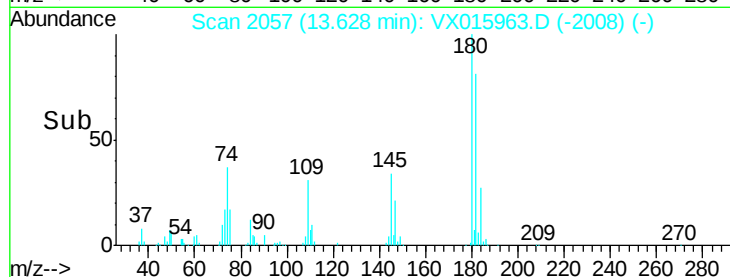
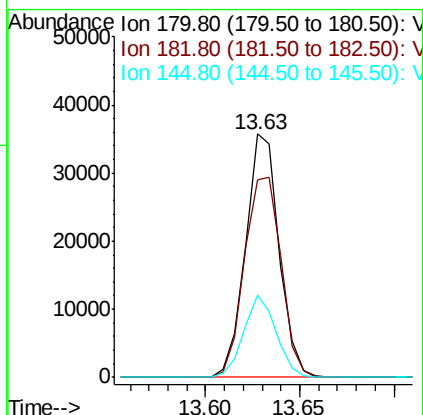
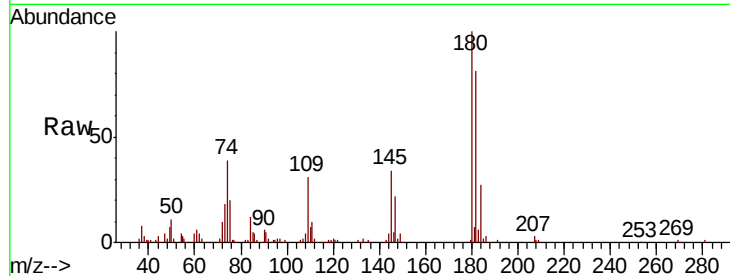




#93
 1,2,4-Trichlorobenzene
 Concen: 9.143 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX015963.D
 Acq: 28 Apr 2020 11:36

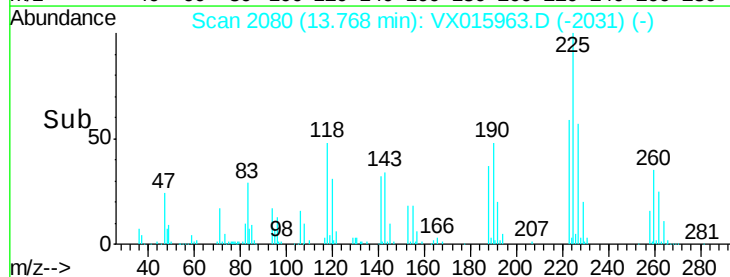
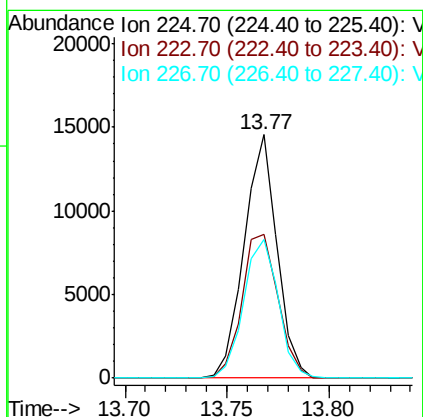
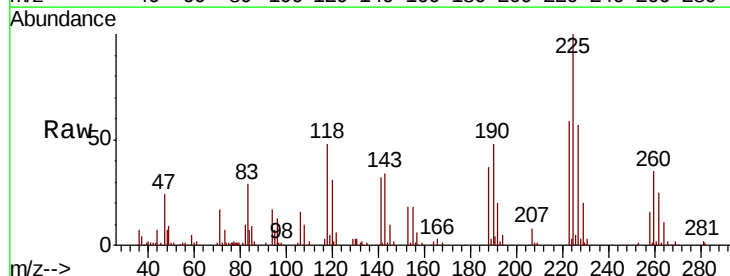
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

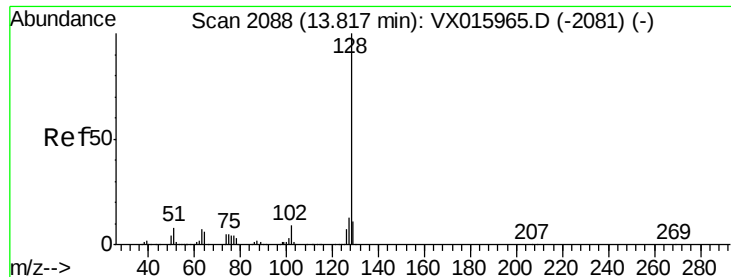
Tot Ion	Ratio	Lower	Upper
180	100		
182	90.1	48.4	145.0
145	32.6	16.9	50.7



#94
 Hexachlorobutadiene
 Concen: 8.979 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX015963.D
 Acq: 28 Apr 2020 11:36

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.4	29.1	87.3
227	60.4	32.8	98.4





#95

Naphthalene

Concen: 9.340 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX015963.D

Acq: 28 Apr 2020 11:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

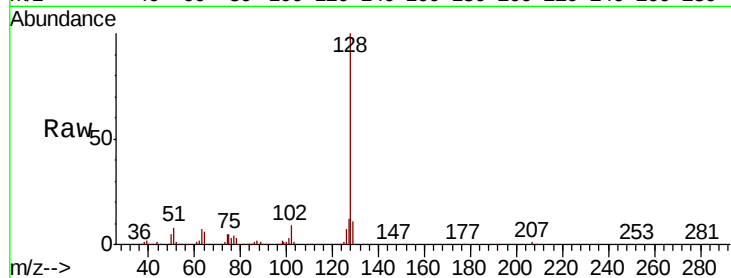
Tot Ion:128 Resp: 170471

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

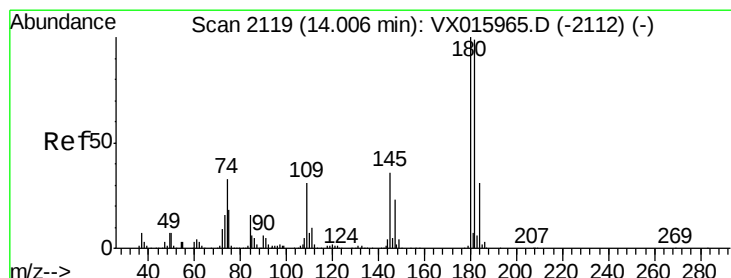
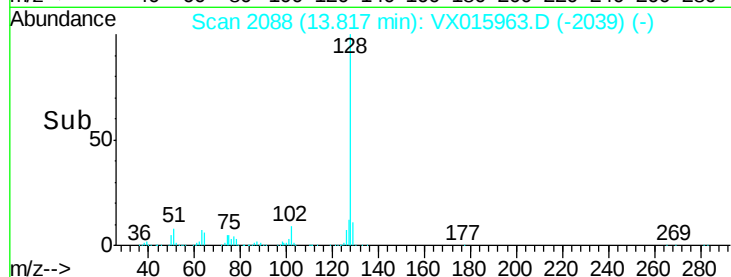
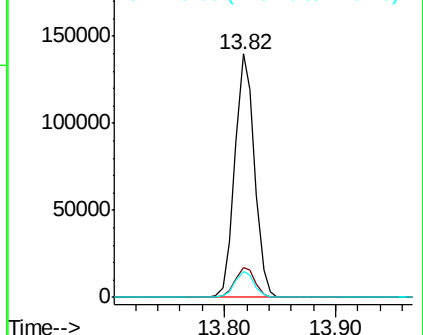
129 10.6 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 9.109 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VX015963.D

Acq: 28 Apr 2020 11:36

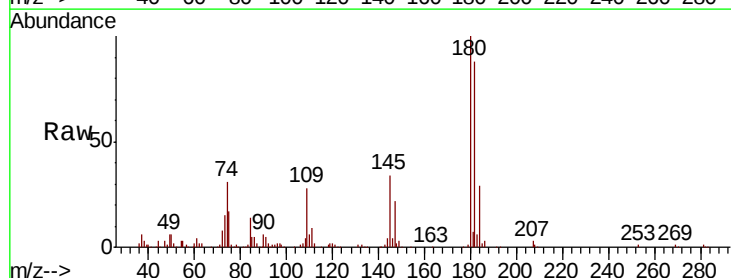
Tgt Ion:180 Resp: 43027

Ion Ratio Lower Upper

180 100

182 93.5 46.5 139.5

145 36.4 17.9 53.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

