

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020420\
 Data File : VX014802.D
 Acq On : 04 Feb 2020 12:17
 Operator : JC/SP
 Sample : VX0204WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0204WBS01

Quant Time: Feb 05 03:00:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	415238	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.85	114	620725	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	558317	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	279057	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	233013	48.05	ug/l	0.00
Spiked Amount			Recovery	=	96.10%	
35) Dibromofluoromethane	5.48	113	188204	48.05	ug/l	0.00
Spiked Amount			Recovery	=	96.10%	
50) Toluene-d8	8.71	98	725118	48.16	ug/l	0.00
Spiked Amount			Recovery	=	96.32%	
62) 4-Bromofluorobenzene	11.13	95	255358	47.61	ug/l	0.00
Spiked Amount			Recovery	=	95.22%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	98845	18.077	ug/l	100
3) Chloromethane	1.32	50	98814	17.591	ug/l	99
4) Vinyl Chloride	1.40	62	115357	18.993	ug/l	98
5) Bromomethane	1.63	94	71282	17.278	ug/l	98
6) Chloroethane	1.72	64	65961	18.099	ug/l	100
7) Trichlorofluoromethane	1.92	101	130841	18.501	ug/l	97
8) Diethyl Ether	2.18	74	57728	18.701	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	80242	19.328	ug/l	99
10) Methyl Iodide	2.50	142	93794	17.217	ug/l	98
11) Tert butyl alcohol	3.02	59	94442	86.751	ug/l	99
12) 1,1-Dichloroethene	2.37	96	74729	18.104	ug/l	100
13) Acrolein	2.28	56	58387	68.020	ug/l	99
14) Allyl chloride	2.72	41	135499	18.263	ug/l	98
15) Acrylonitrile	3.12	53	233567	92.726	ug/l	100
16) Acetone	2.43	43	222093	83.670	ug/l	100
17) Carbon Disulfide	2.56	76	184014	16.311	ug/l	99
18) Methyl Acetate	2.76	43	147078	19.388	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	263465	19.487	ug/l	98
20) Methylene Chloride	2.84	84	91326	18.571	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	80323	17.673	ug/l	99
22) Diisopropyl ether	3.84	45	286012	19.376	ug/l	94
23) Vinyl Acetate	3.80	43	1096370	97.433	ug/l	100
24) 1,1-Dichloroethane	3.69	63	151779	18.933	ug/l	98
25) 2-Butanone	4.65	43	329772	86.608	ug/l	98
26) 2,2-Dichloropropane	4.57	77	124825	19.453	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	94777	18.632	ug/l	99
28) Bromochloromethane	5.00	49	62442	17.725	ug/l	98
29) Tetrahydrofuran	5.11	42	201416	89.126	ug/l	97
30) Chloroform	5.19	83	152444	19.196	ug/l	98
31) Cyclohexane	5.57	56	135051	17.911	ug/l	95
32) 1,1,1-Trichloroethane	5.48	97	126151	18.793	ug/l	99
36) 1,1-Dichloropropene	5.78	75	110215	19.109	ug/l	99
37) Ethyl Acetate	4.81	43	124316	18.819	ug/l	99
38) Carbon Tetrachloride	5.78	117	109003	19.788	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	136364	18.872	ug/l	96
40) Benzene	6.13	78	345955	19.413	ug/l	99
41) Methacrylonitrile	5.03	41	69617	18.310	ug/l	98
42) 1,2-Dichloroethane	6.18	62	123375	20.048	ug/l	99
43) Isopropyl Acetate	6.43	43	203436	18.806	ug/l	100
44) Trichloroethene	7.20	130	94839	18.840	ug/l	99
45) 1,2-Dichloropropane	7.50	63	90123	19.630	ug/l	97
46) Dibromomethane	7.65	93	59491	20.007	ug/l	97
47) Bromodichloromethane	7.89	83	117673	20.177	ug/l	95
48) Methyl methacrylate	7.76	41	101209	19.581	ug/l	99
49) 1,4-Dioxane	7.73	88	41410	377.957	ug/l	100
51) 4-Methyl-2-Pentanone	8.63	43	648172	94.934	ug/l	99
52) Toluene	8.78	92	216892	19.799	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	124764	19.868	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	139481	20.191	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	90767	20.237	ug/l	98
56) Ethyl methacrylate	9.17	69	134329	18.820	ug/l	98
57) 1,3-Dichloropropane	9.36	76	151588	19.771	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	221481	98.191	ug/l	100
59) 2-Hexanone	9.48	43	495859	93.592	ug/l	100
60) Dibromochloromethane	9.57	129	93278	19.925	ug/l	99
61) 1,2-Dibromoethane	9.67	107	94261	19.877	ug/l	98
64) Tetrachloroethene	9.33	164	102214	18.495	ug/l	97
65) Chlorobenzene	10.13	112	233457	19.549	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	89205	20.260	ug/l	98
67) Ethyl Benzene	10.25	91	405484	19.885	ug/l	99
68) m/p-Xylenes	10.35	106	308385	39.920	ug/l	98
69) o-Xylene	10.70	106	149188	20.004	ug/l	98
70) Styrene	10.71	104	255357	20.412	ug/l	100
71) Bromoform	10.85	173	69265	19.781	ug/l #	99
73) Isopropylbenzene	11.01	105	405071	20.644	ug/l	100
74) N-amyl acetate	10.89	43	165252	19.219	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	132010	18.843	ug/l	97
76) 1,2,3-Trichloropropane	11.29	75	150351	23.158	ug/l	92
77) Bromobenzene	11.25	156	103606	19.655	ug/l	98
78) n-propylbenzene	11.35	91	454149	20.391	ug/l	100
79) 2-Chlorotoluene	11.42	91	274129	20.342	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	336339	20.653	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	41920	18.375	ug/l	94
82) 4-Chlorotoluene	11.51	91	310398	20.232	ug/l	99
83) tert-Butylbenzene	11.76	119	316502	20.683	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	337056	20.634	ug/l	98
85) sec-Butylbenzene	11.94	105	387119	20.650	ug/l	100
86) p-Isopropyltoluene	12.06	119	356284	20.565	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	187409	19.783	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	186470	19.650	ug/l	98
89) n-Butylbenzene	12.39	91	296379	19.642	ug/l	99
90) Hexachloroethane	12.59	117	61730	19.183	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	185726	19.739	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	27895	18.532	ug/l	97

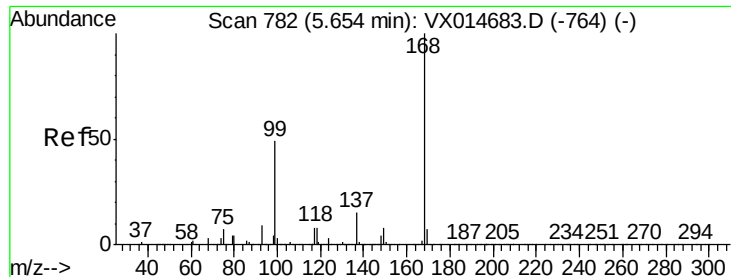
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QLast Update : Wed Jan 22 12:35:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	124022	20.445	ug/l	97
94) Hexachlorobutadiene	13.78	225	64499	20.658	ug/l	99
95) Naphthalene	13.83	128	364470	19.217	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	127208	20.739	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 780

Delta R.T. -0.01 min

Lab File: VX014802.D

Acq: 04 Feb 2020 12:17

Instrument :

MSVOA_X

ClientSampleId :

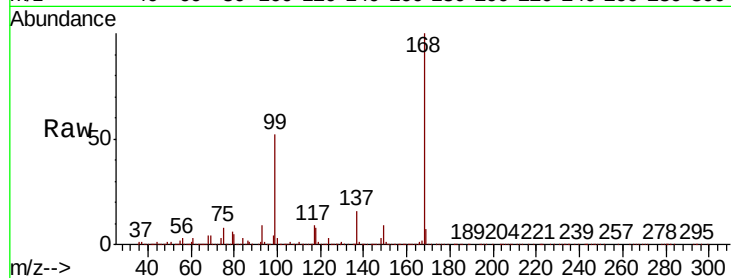
VX0204WBS01

Tot Ion:168 Resp: 415238

Ion Ratio Lower Upper

168 100

99 52.2 39.8 59.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

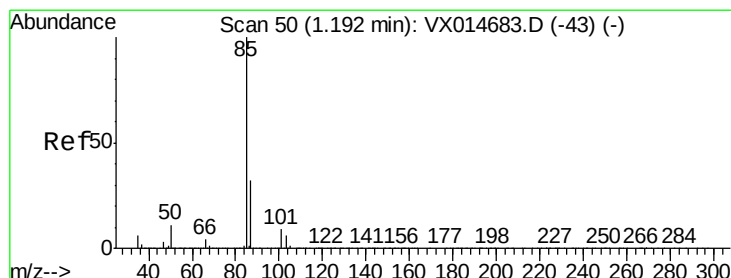
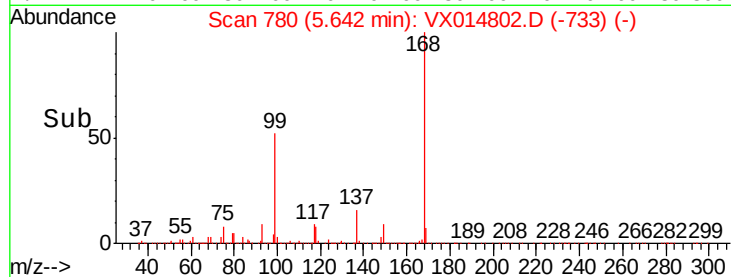
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.077 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014802.D

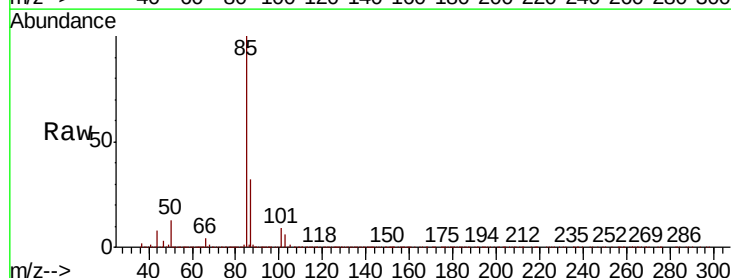
Acq: 04 Feb 2020 12:17

Tgt Ion: 85 Resp: 98845

Ion Ratio Lower Upper

85 100

87 32.4 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

120000

100000

80000

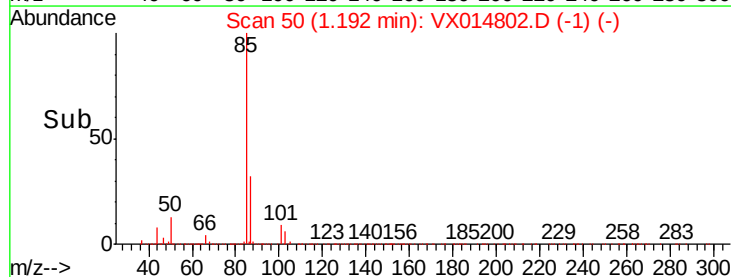
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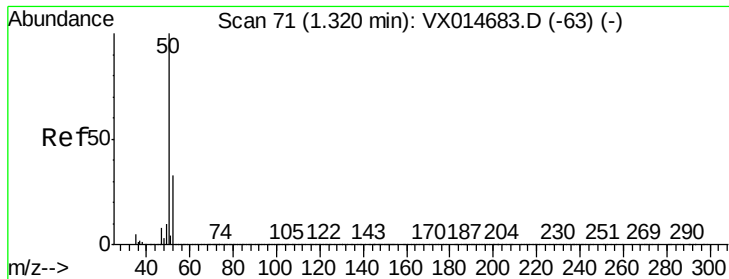
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Time-->

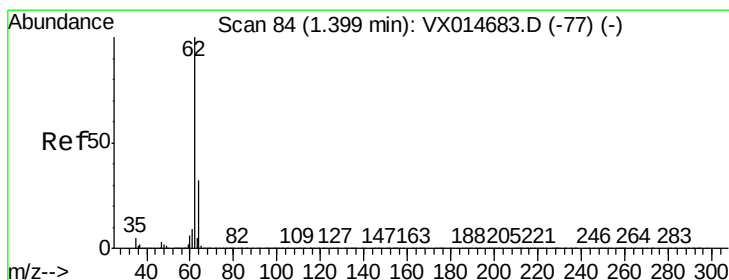
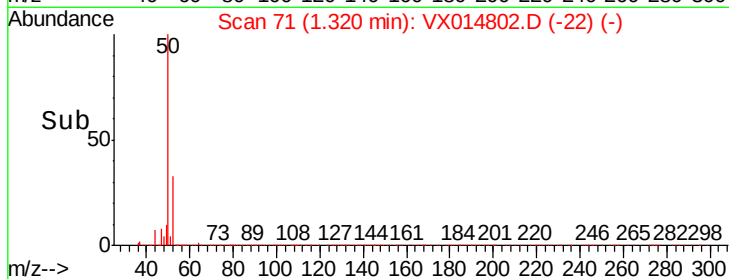
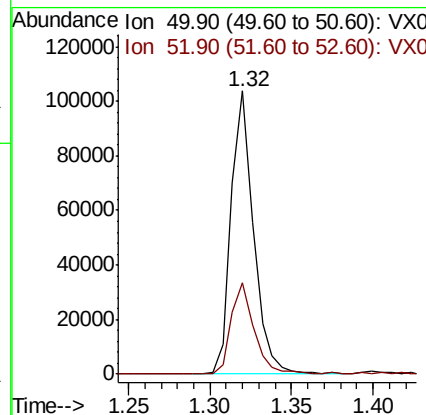
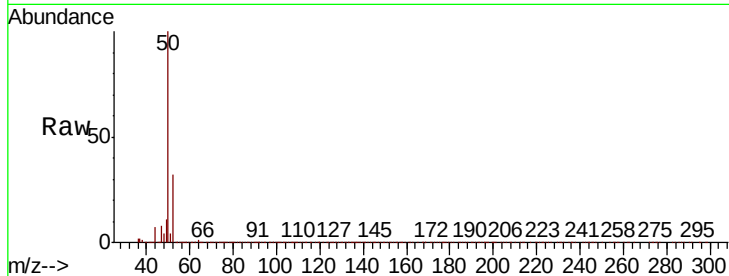




#3
Chloromethane
Concen: 17.591 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX014802.D
Acq: 04 Feb 2020 12:17

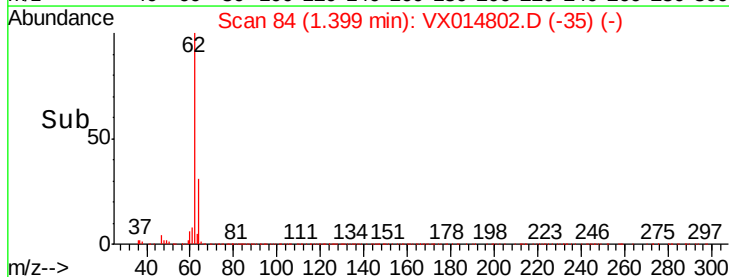
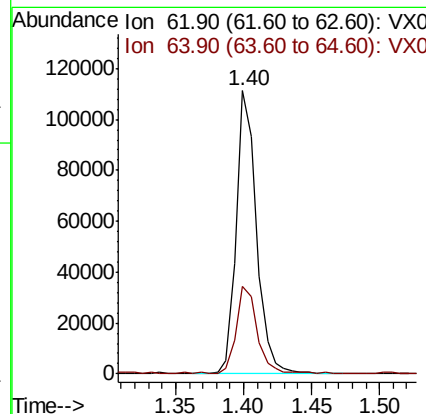
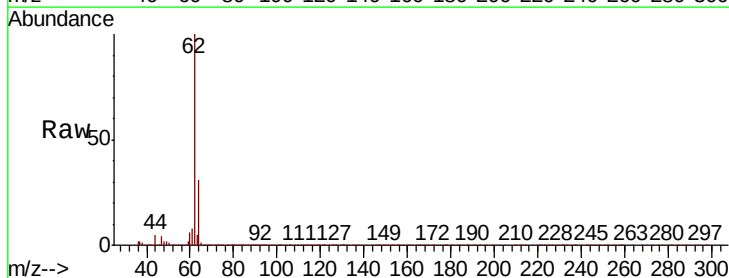
Instrument :
MSVOA_X
ClientSampleId :
VX0204WBS01

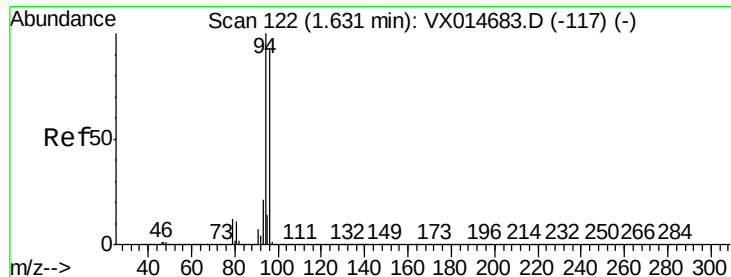
Tot Ion: 50 Resp: 98814
Ion Ratio Lower Upper
50 100
52 32.3 26.2 39.2



#4
Vinyl Chloride
Concen: 18.993 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX014802.D
Acq: 04 Feb 2020 12:17

Tgt Ion: 62 Resp: 115357
Ion Ratio Lower Upper
62 100
64 30.5 25.4 38.2





#5

Bromomethane

Concen: 17.278 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014802.D

Acq: 04 Feb 2020 12:17

Instrument :

MSVOA_X

ClientSampleId :

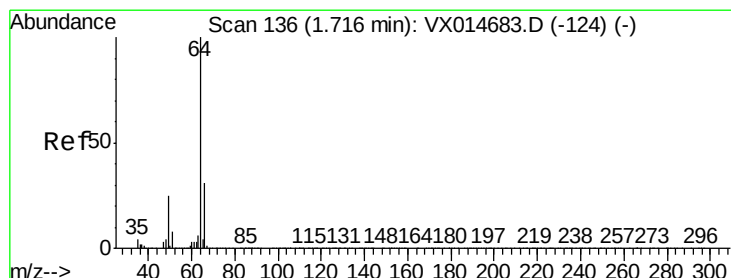
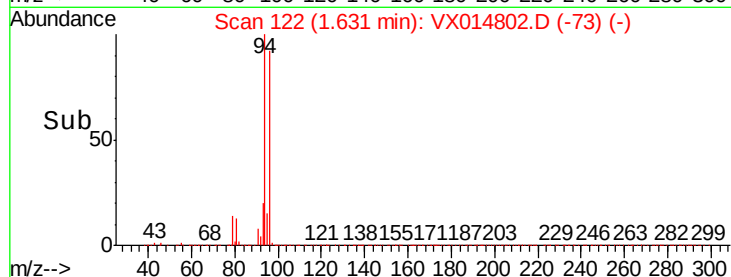
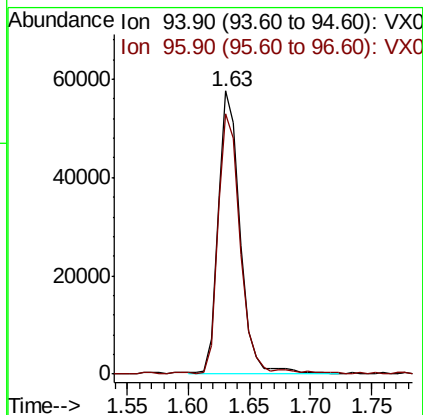
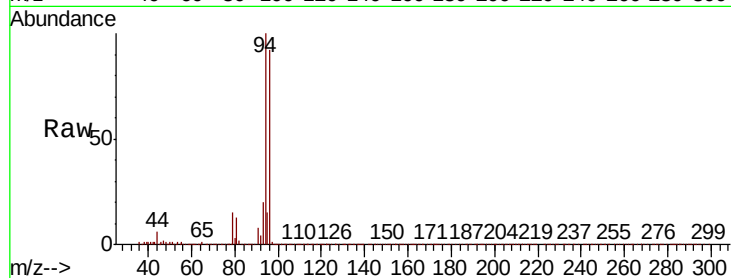
VX0204WBS01

Tot Ion: 94 Resp: 71282

Ion Ratio Lower Upper

94 100

96 91.7 74.7 112.1



#6

Chloroethane

Concen: 18.099 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX014802.D

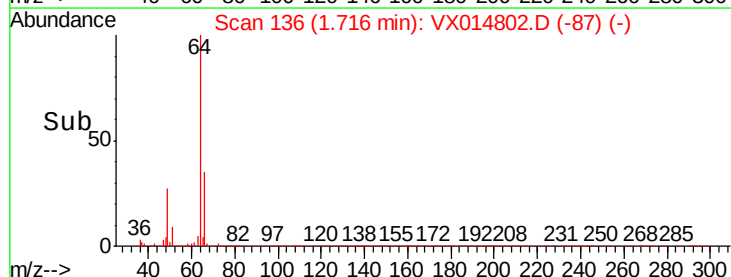
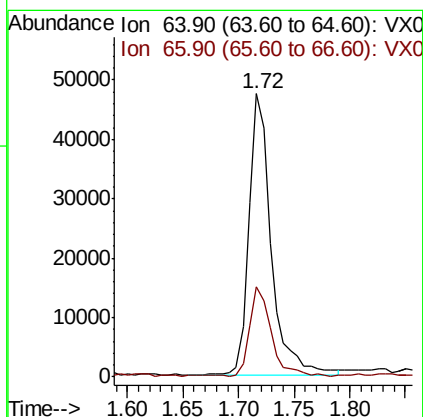
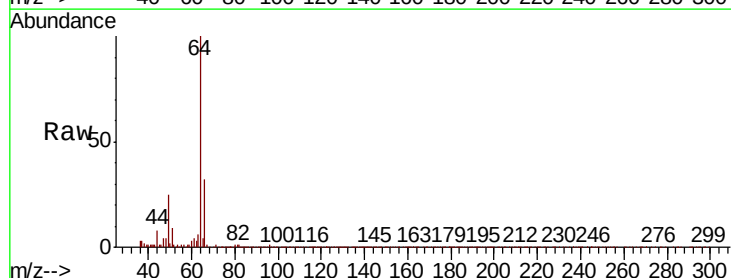
Acq: 04 Feb 2020 12:17

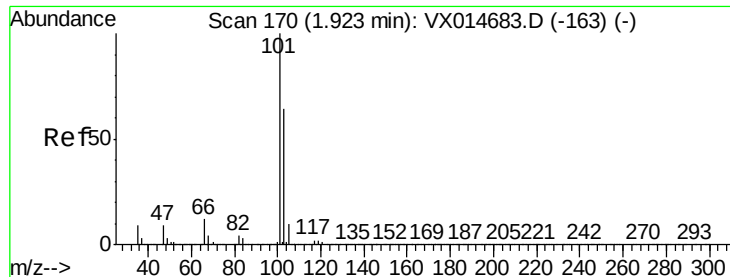
Tgt Ion: 64 Resp: 65961

Ion Ratio Lower Upper

64 100

66 31.7 25.2 37.8



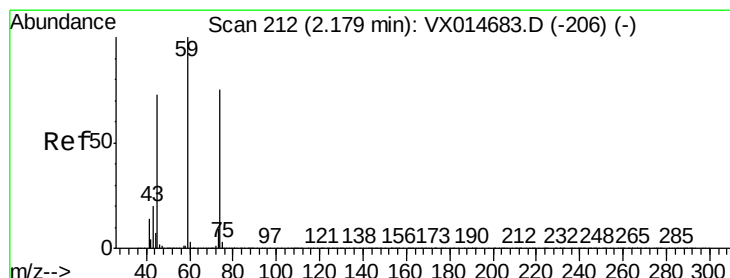
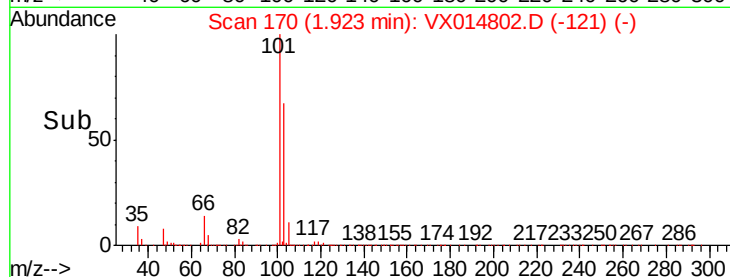
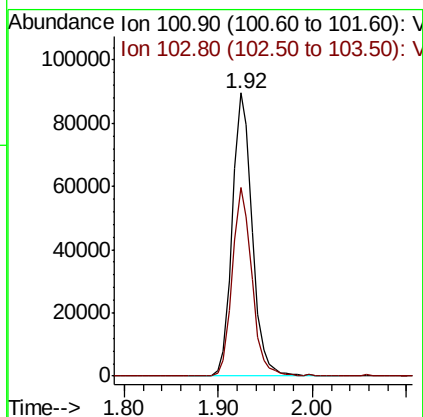
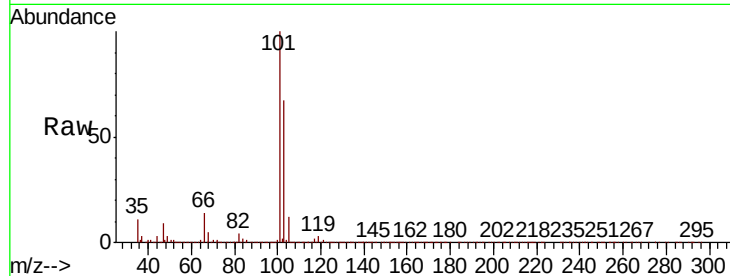


#7

Trichlorofluoromethane
 Concen: 18.501 ug/l
 RT: 1.92 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX014802.D
 Acq: 04 Feb 2020 12:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0204WBS01

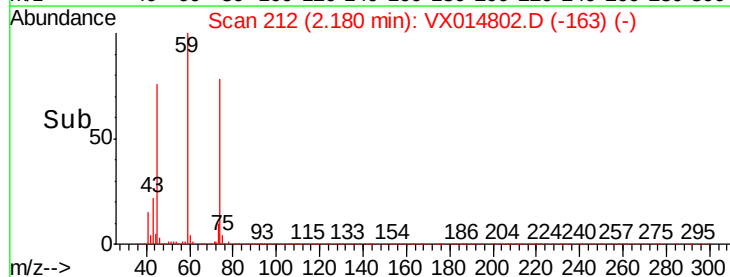
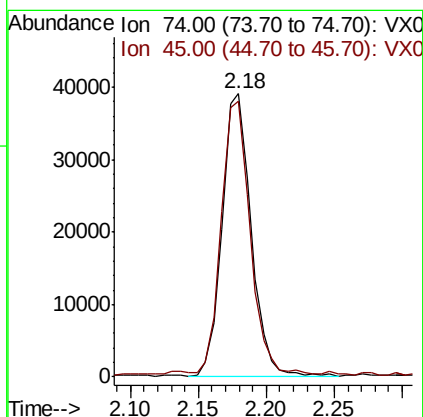
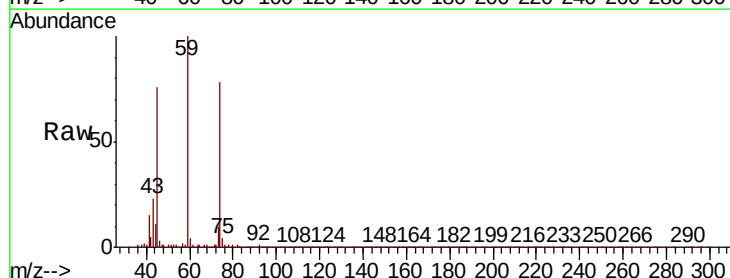
Tot Ion:101 Resp: 130841
 Ion Ratio Lower Upper
 101 100
 103 66.5 51.0 76.6

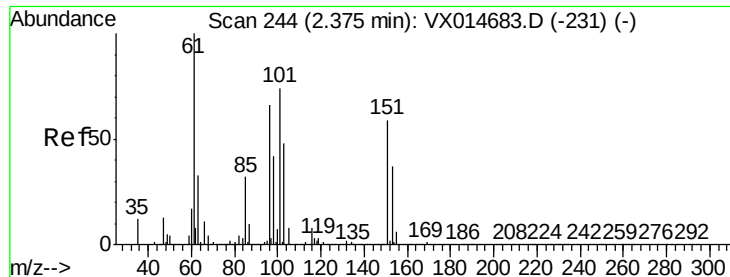


#8

Diethyl Ether
 Concen: 18.701 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX014802.D
 Acq: 04 Feb 2020 12:17

Tgt Ion: 74 Resp: 57728
 Ion Ratio Lower Upper
 74 100
 45 96.7 49.4 148.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.328 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX014802.D

Acq: 04 Feb 2020 12:17

Instrument :

MSVOA_X

ClientSampleId :

VX0204WBS01

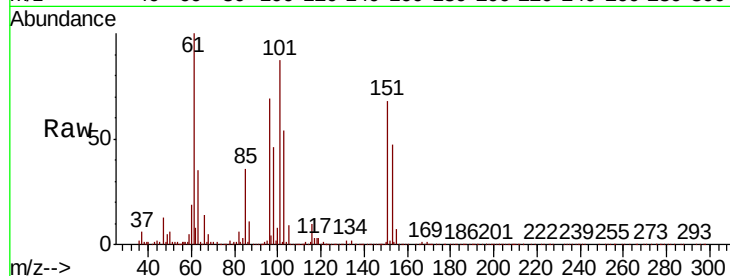
Tot Ion:101 Resp: 80242

Ion Ratio Lower Upper

101 100

85 42.2 34.7 52.1

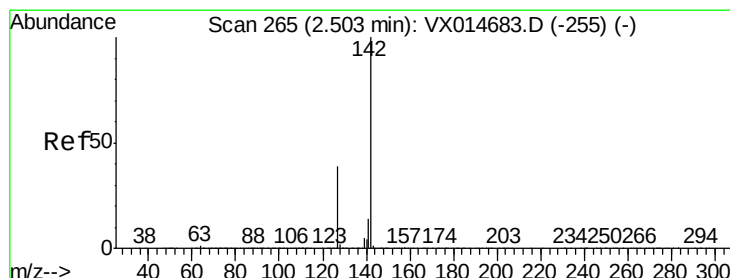
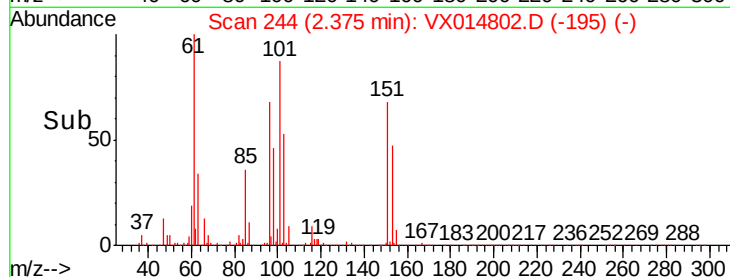
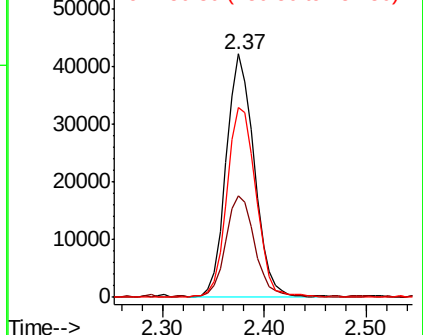
151 81.3 64.7 97.1



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



#10

Methyl Iodide

Concen: 17.217 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX014802.D

Acq: 04 Feb 2020 12:17

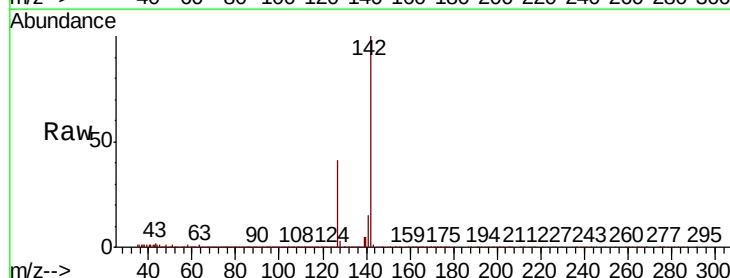
Tgt Ion:142 Resp: 93794

Ion Ratio Lower Upper

142 100

127 40.5 31.1 46.7

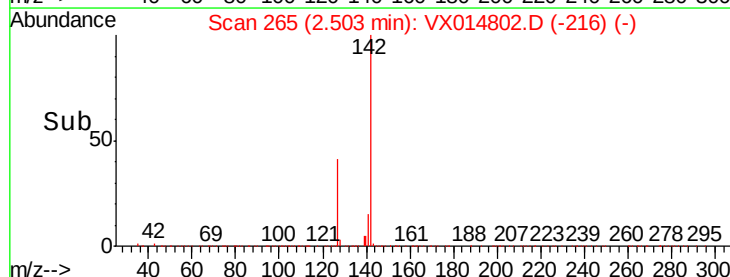
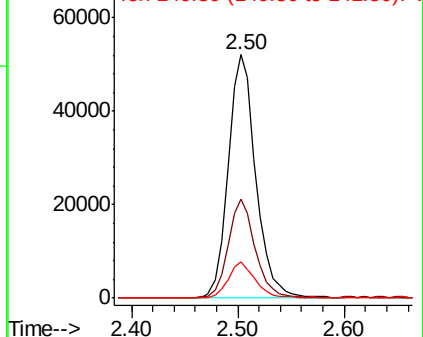
141 14.8 11.3 16.9

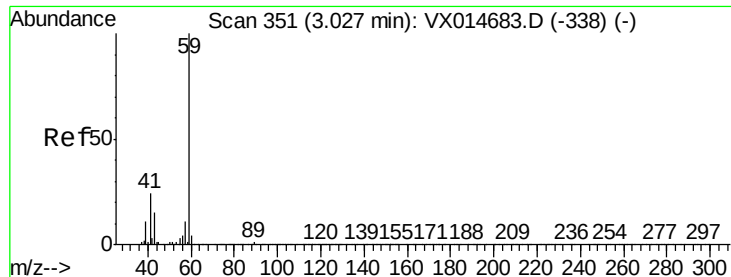


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



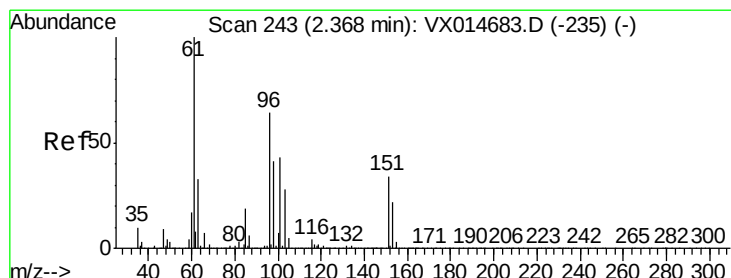
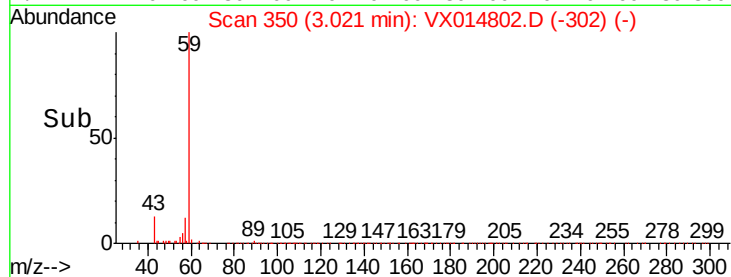
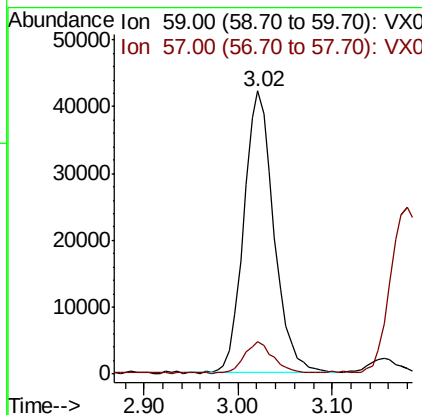
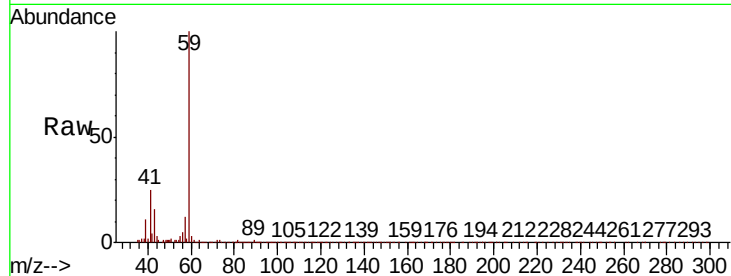


#11

Tert butyl alcohol
 Concen: 86.751 ug/l
 RT: 3.02 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VX014802.D
 Acq: 04 Feb 2020 12:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0204WBS01

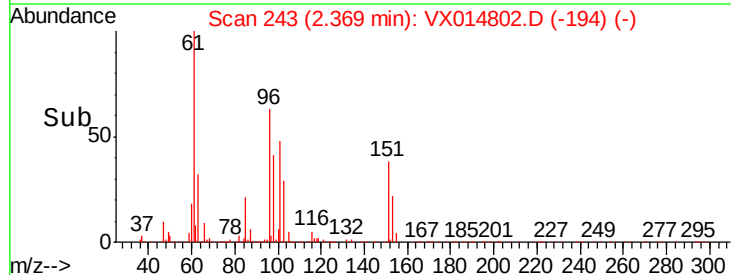
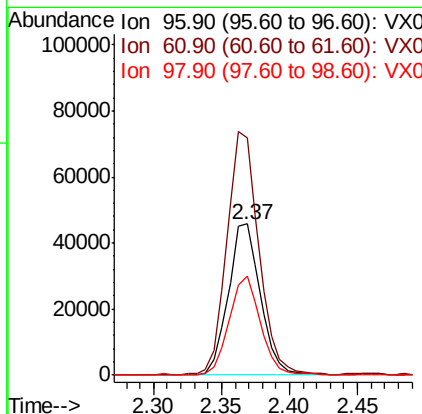
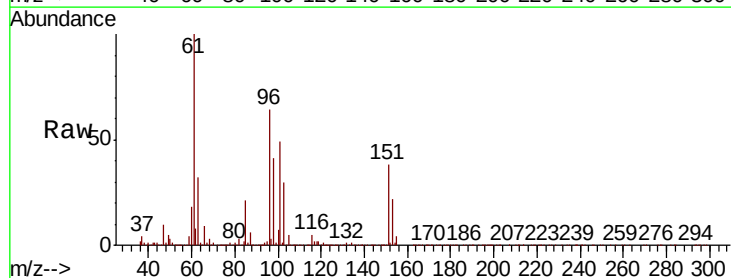
Tot Ion: 59 Resp: 94442
 Ion Ratio Lower Upper
 59 100
 57 10.8 8.3 12.5

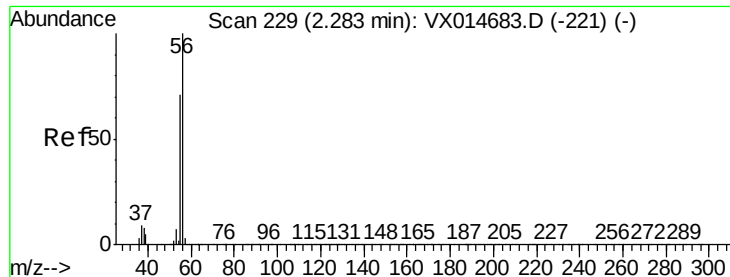


#12

1,1-Dichloroethene
 Concen: 18.104 ug/l
 RT: 2.37 min Scan# 243
 Delta R.T. 0.00 min
 Lab File: VX014802.D
 Acq: 04 Feb 2020 12:17

Tgt Ion: 96 Resp: 74729
 Ion Ratio Lower Upper
 96 100
 61 157.3 125.8 188.8
 98 65.1 51.5 77.3





#13

Acrolein

Concen: 68.020 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014802.D

Acq: 04 Feb 2020 12:17

Instrument :

MSVOA_X

ClientSampleId :

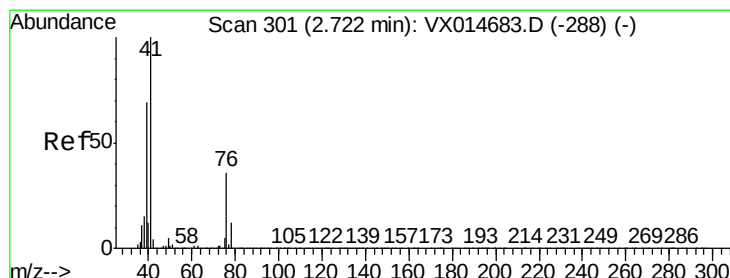
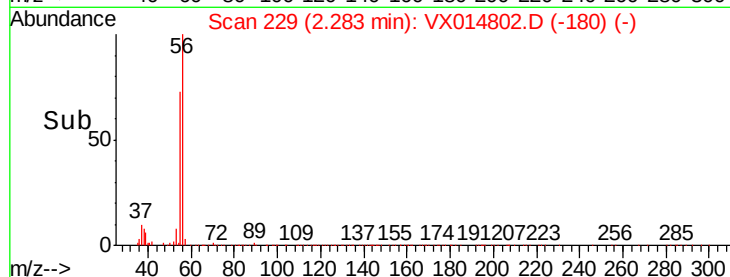
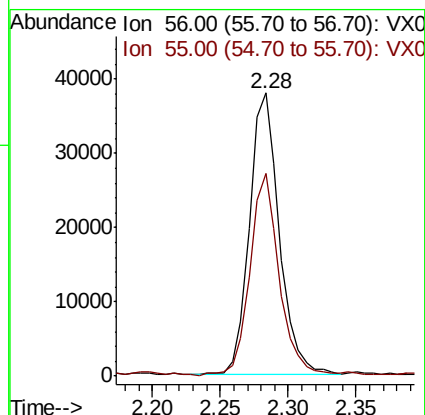
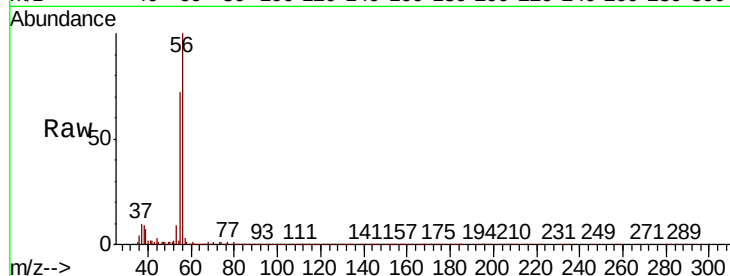
VX0204WBS01

Tot Ion: 56 Resp: 58387

Ion Ratio Lower Upper

56 100

55 71.2 56.6 84.8



#14

Allyl chloride

Concen: 18.263 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.01 min

Lab File: VX014802.D

Acq: 04 Feb 2020 12:17

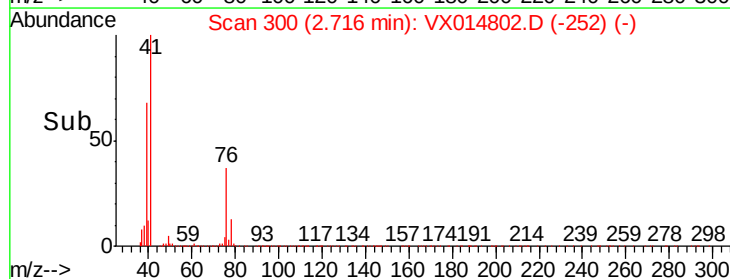
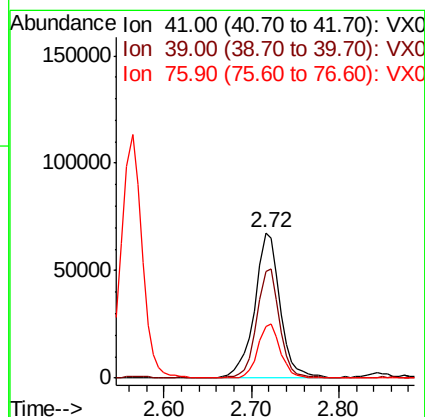
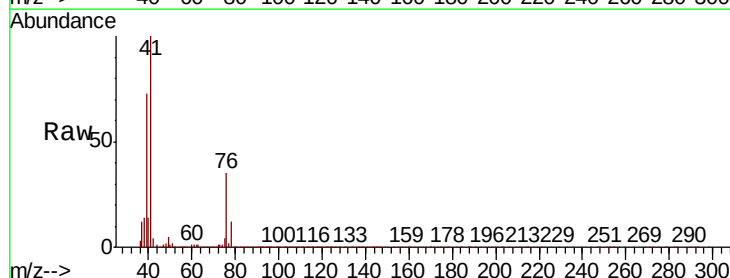
Tgt Ion: 41 Resp: 135499

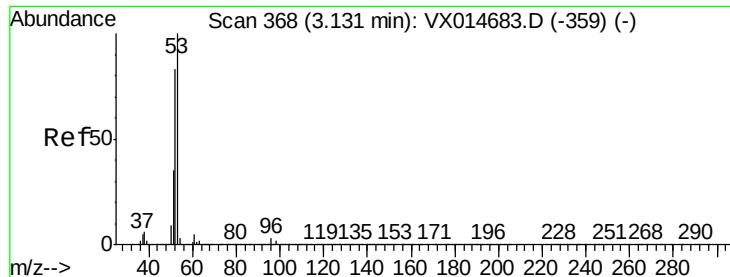
Ion Ratio Lower Upper

41 100

39 67.7 52.0 78.0

76 32.2 26.0 39.0





#15

Acrylonitrile

Concen: 92.726 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX014802.D

Acq: 04 Feb 2020 12:17

Instrument :

MSVOA_X

ClientSampled :

VX0204WBS01

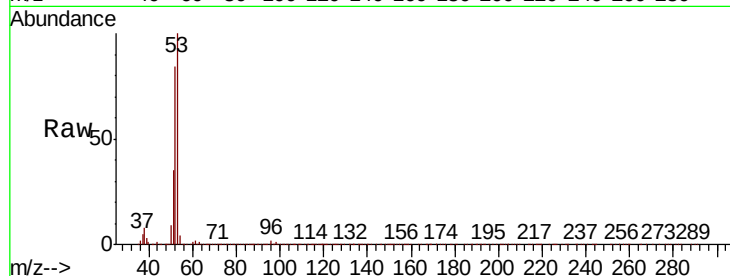
Tot Ion: 53 Resp: 233567

Ion Ratio Lower Upper

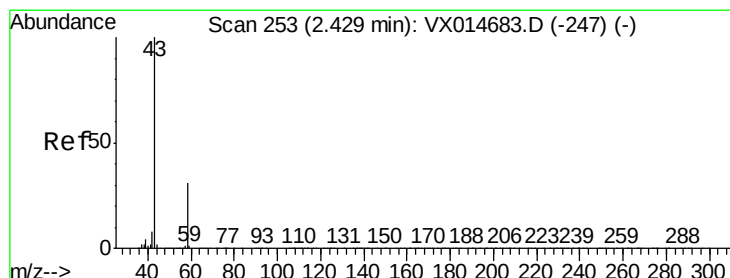
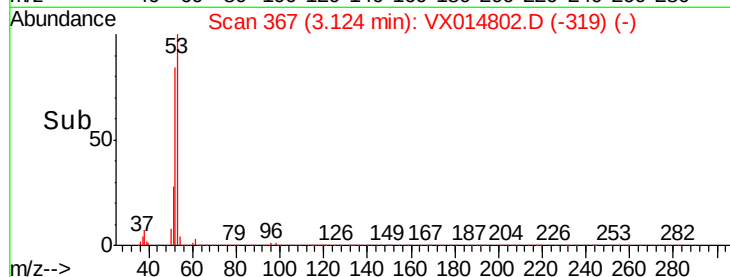
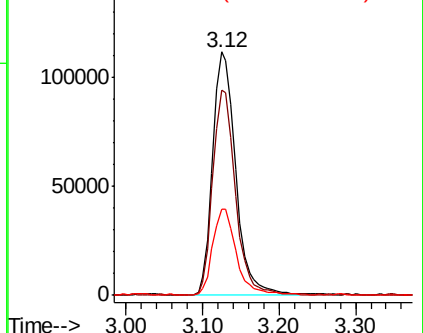
53 100

52 82.9 66.4 99.6

51 36.2 28.7 43.1



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 83.670 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX014802.D

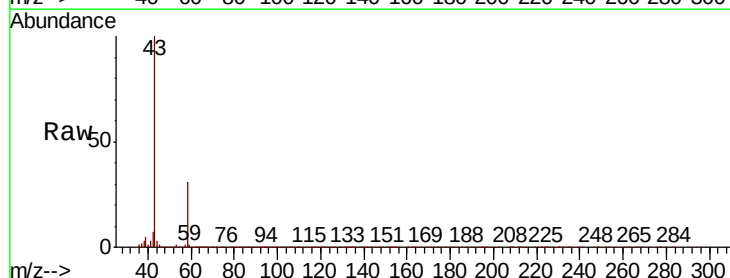
Acq: 04 Feb 2020 12:17

Tgt Ion: 43 Resp: 222093

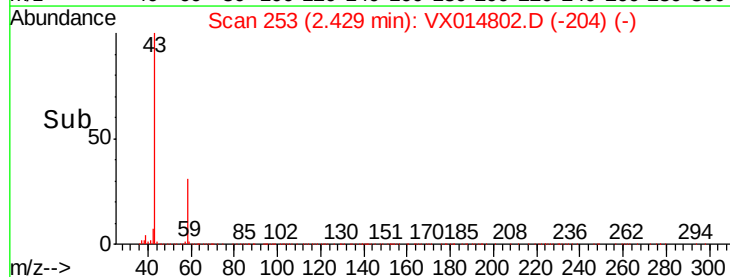
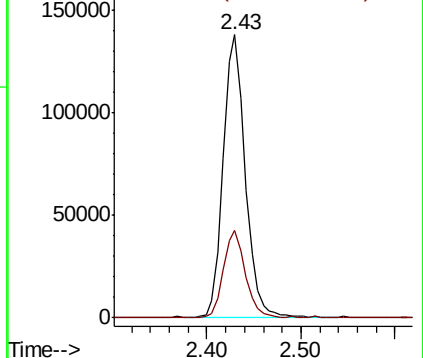
Ion Ratio Lower Upper

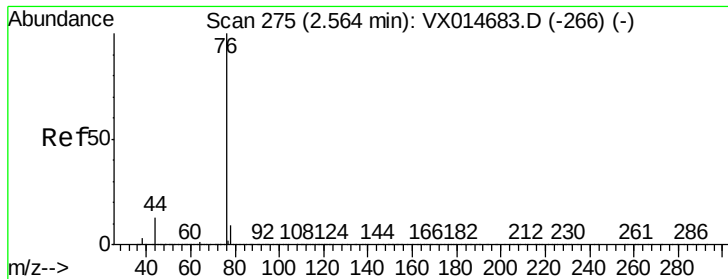
43 100

58 30.8 24.5 36.7



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 16.311 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.00 min

Lab File: VX014802.D

Acq: 04 Feb 2020 12:17

Instrument :

MSVOA_X

ClientSampleId :

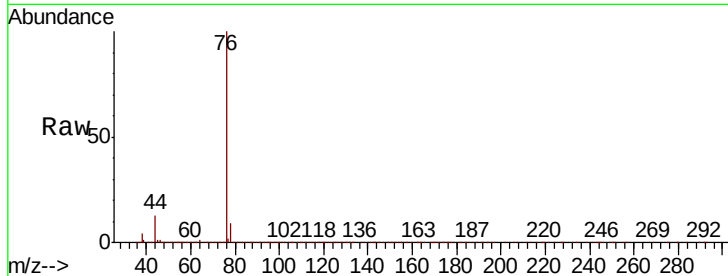
VX0204WBS01

Tot Ion: 76 Resp: 184014

Ion Ratio Lower Upper

76 100

78 8.7 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

120000

100000

80000

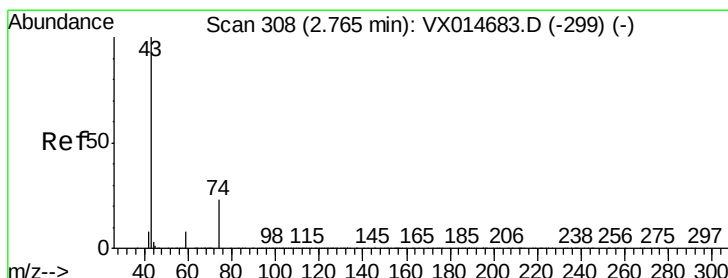
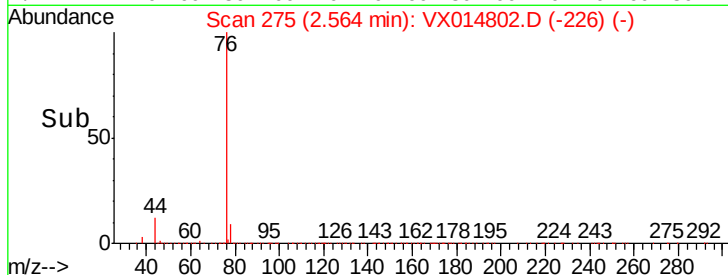
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 19.388 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014802.D

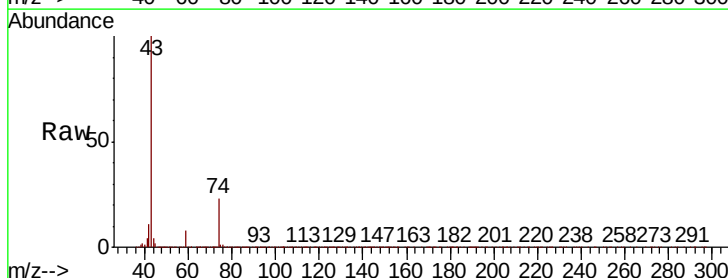
Acq: 04 Feb 2020 12:17

Tgt Ion: 43 Resp: 147078

Ion Ratio Lower Upper

43 100

74 23.8 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

80000

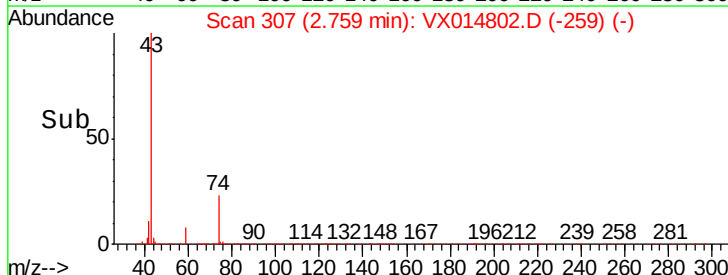
60000

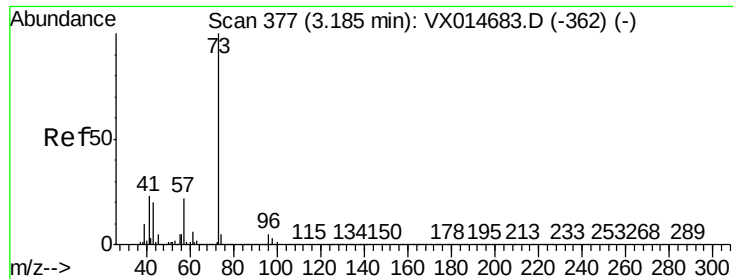
40000

20000

0

Time-->

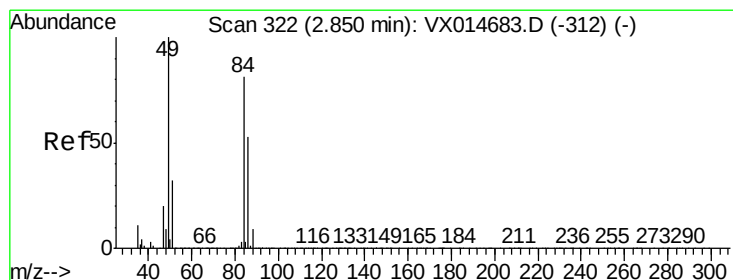
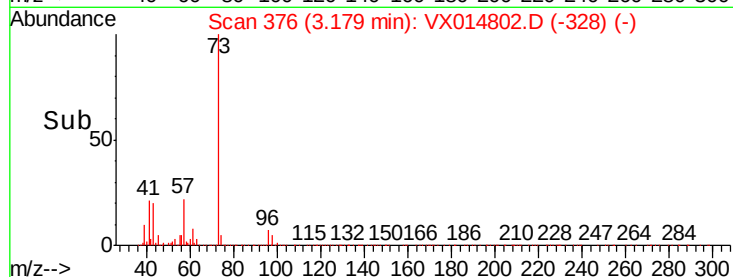
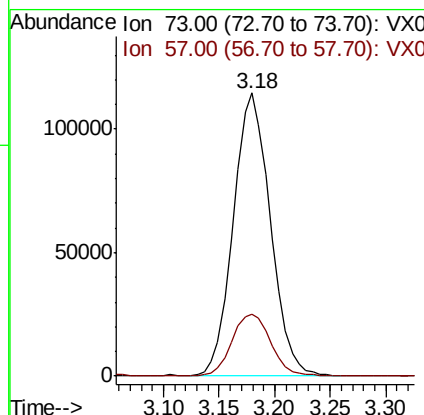
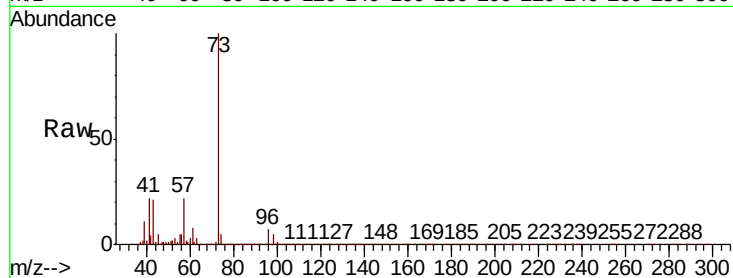




#19
Methyl tert-butyl Ether
Concen: 19.487 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014802.D
Acq: 04 Feb 2020 12:17

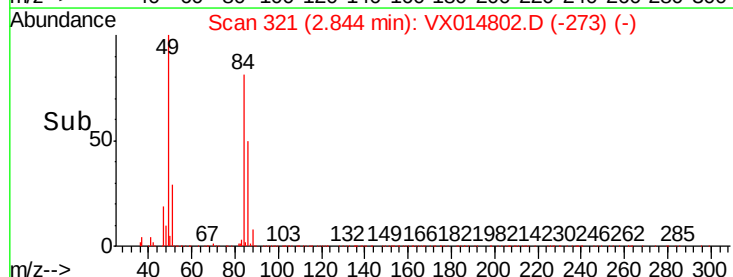
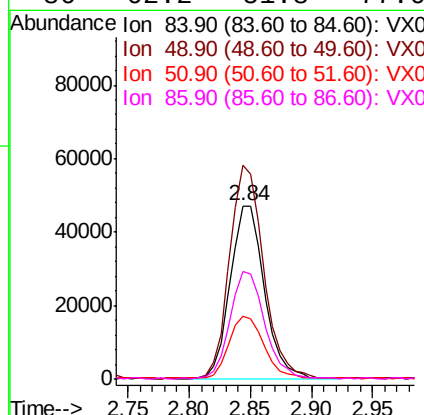
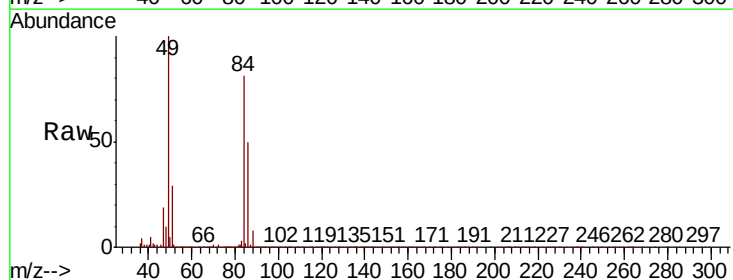
Instrument :
MSVOA_X
ClientSampleId :
VX0204WBS01

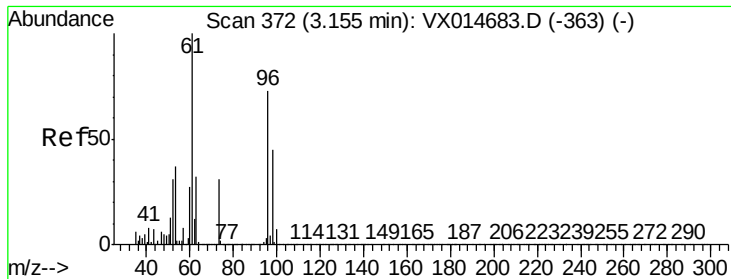
Tot Ion: 73 Resp: 263465
Ion Ratio Lower Upper
73 100
57 21.6 18.0 27.0



#20
Methylene Chloride
Concen: 18.571 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX014802.D
Acq: 04 Feb 2020 12:17

Tgt Ion: 84 Resp: 91326
Ion Ratio Lower Upper
84 100
49 123.5 98.2 147.4
51 35.6 31.3 46.9
86 62.2 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 17.673 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014802.D

Acq: 04 Feb 2020 12:17

Instrument :

MSVOA_X

ClientSampleId :

VX0204WBS01

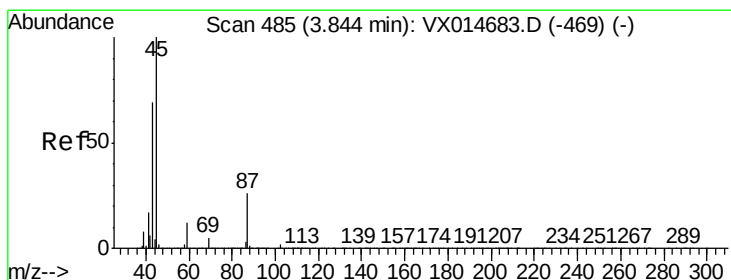
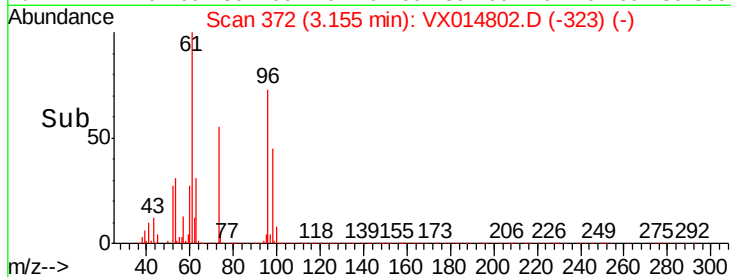
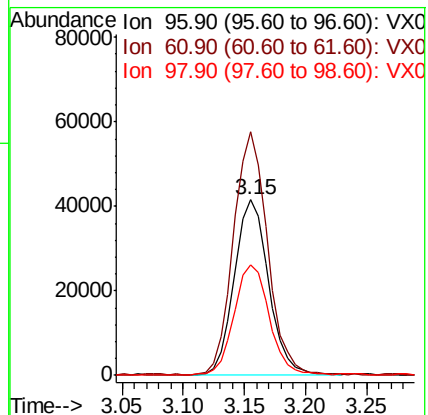
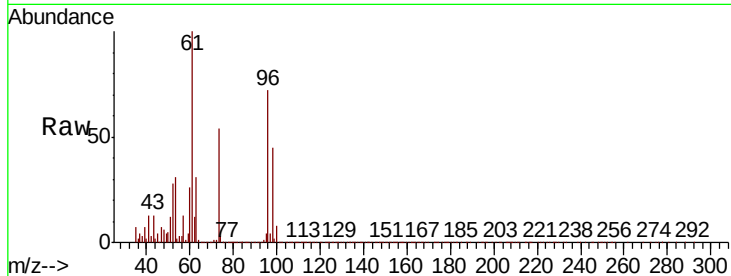
Tot Ion: 96 Resp: 80323

Ion Ratio Lower Upper

96 100

61 138.4 109.8 164.6

98 62.5 49.6 74.4



#22

Diisopropyl ether

Concen: 19.376 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX014802.D

Acq: 04 Feb 2020 12:17

Tgt Ion: 45 Resp: 286012

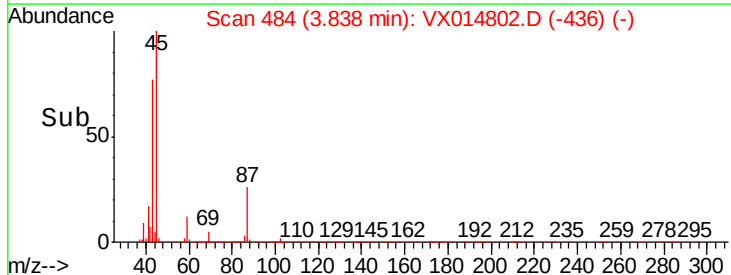
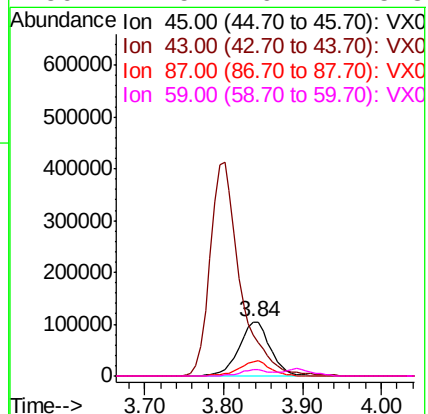
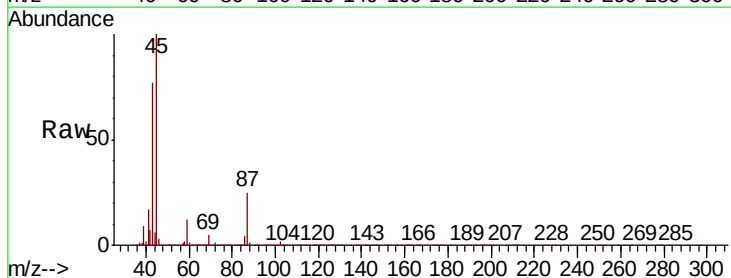
Ion Ratio Lower Upper

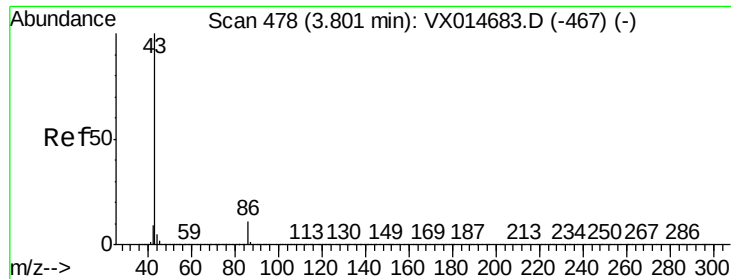
45 100

43 75.6 55.1 82.7

87 25.4 20.7 31.1

59 11.5 9.2 13.8





#23

Vinyl Acetate

Concen: 97.433 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014802.D

Acq: 04 Feb 2020 12:17

Instrument :

MSVOA_X

ClientSampleId :

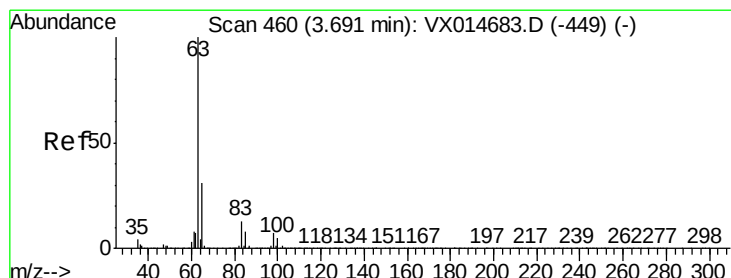
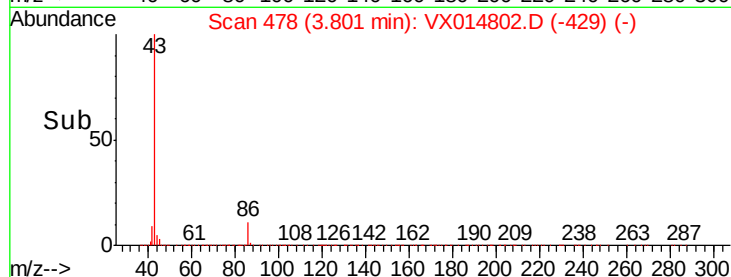
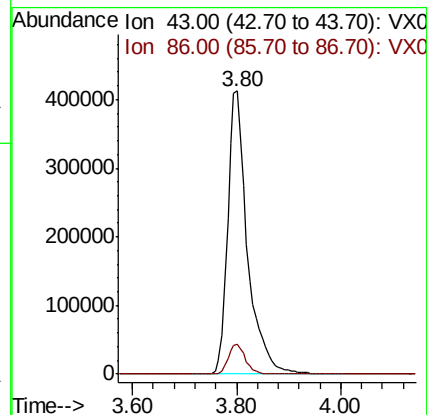
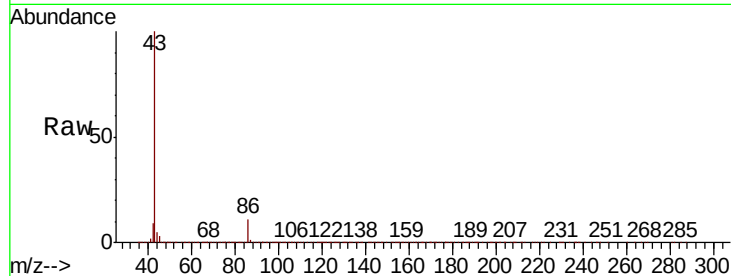
VX0204WBS01

Tot Ion: 43 Resp: 1096370

Ion Ratio Lower Upper

43 100

86 10.7 8.4 12.6



#24

1,1-Dichloroethane

Concen: 18.933 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX014802.D

Acq: 04 Feb 2020 12:17

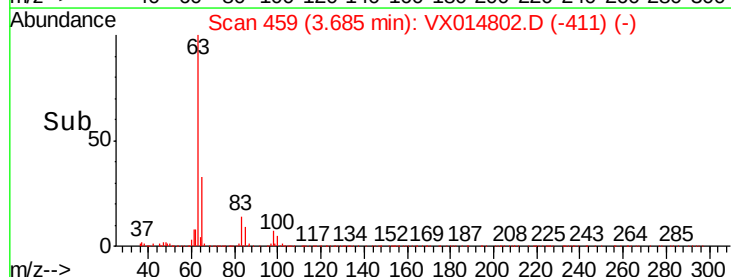
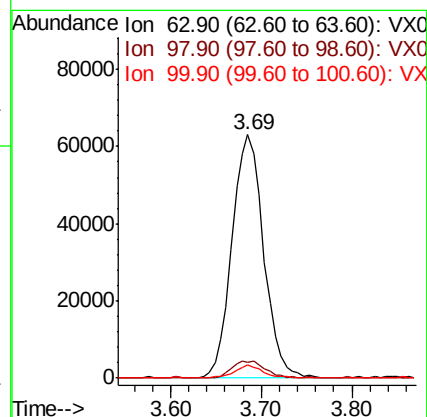
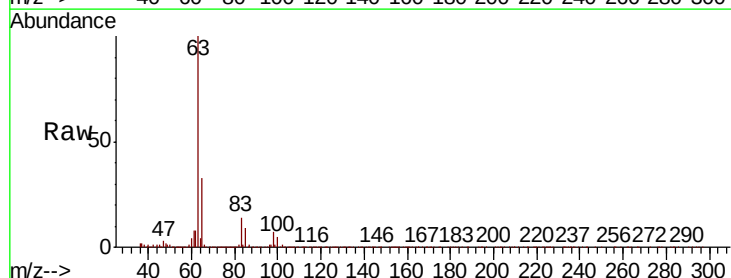
Tgt Ion: 63 Resp: 151779

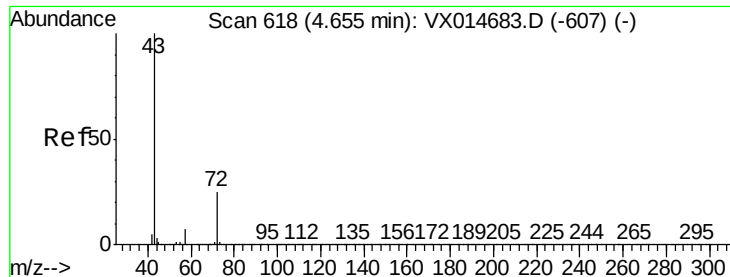
Ion Ratio Lower Upper

63 100

98 6.4 3.6 10.8

100 5.1 2.2 6.6





#25

2-Butanone

Concen: 86.608 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX014802.D

Acq: 04 Feb 2020 12:17

Instrument :

MSVOA_X

ClientSampleId :

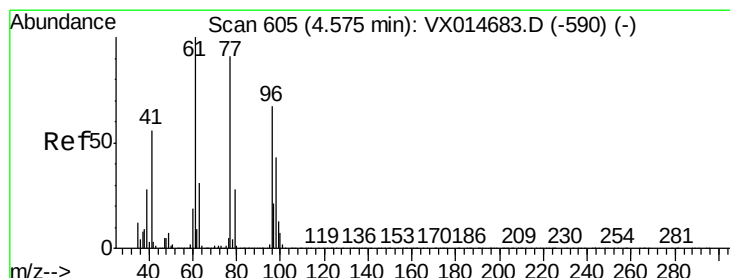
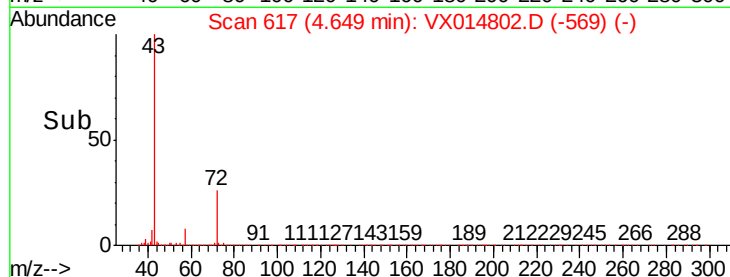
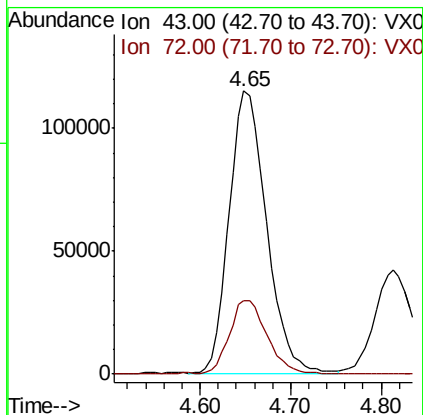
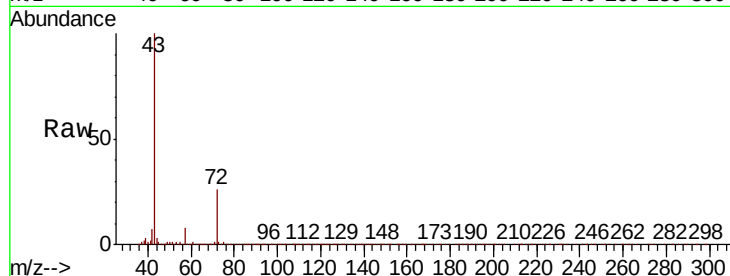
VX0204WBS01

Tot Ion: 43 Resp: 329772

Ion Ratio Lower Upper

43 100

72 25.7 19.9 29.9



#26

2,2-Dichloropropane

Concen: 19.453 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014802.D

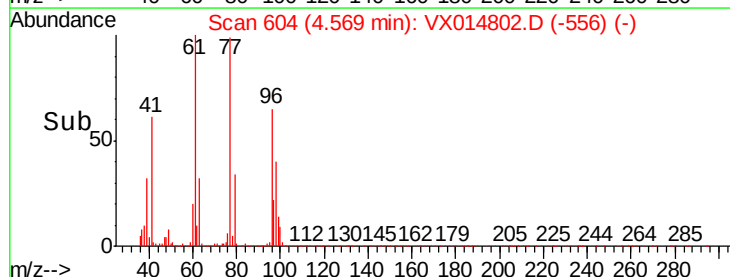
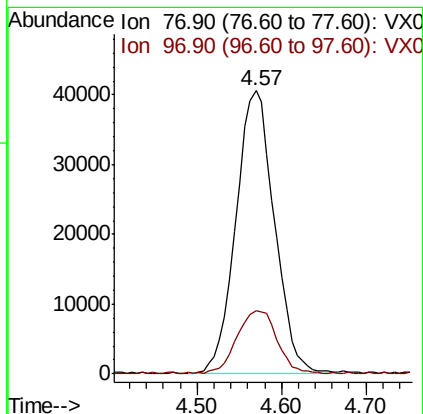
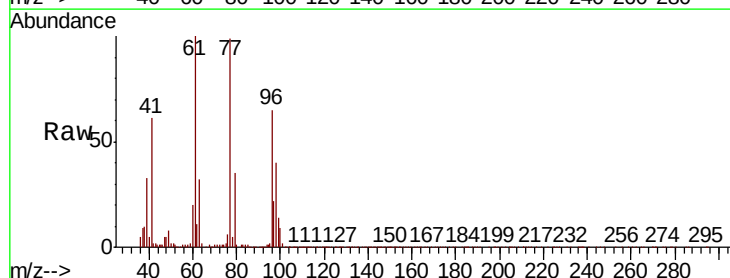
Acq: 04 Feb 2020 12:17

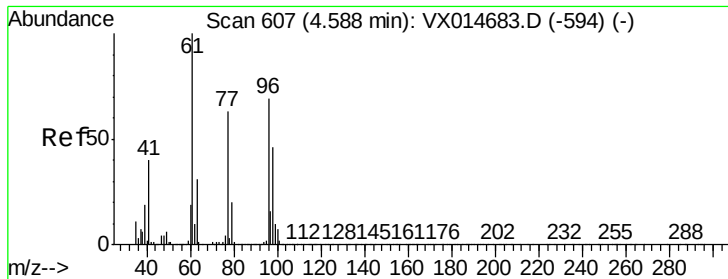
Tgt Ion: 77 Resp: 124825

Ion Ratio Lower Upper

77 100

97 23.3 11.8 35.3



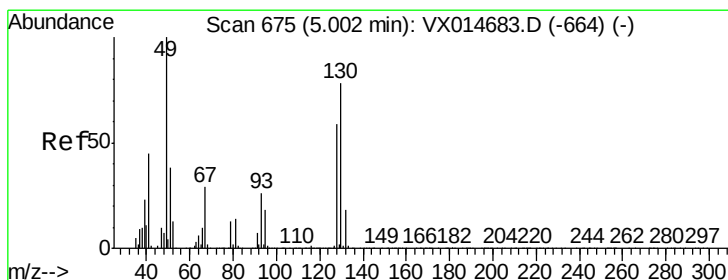
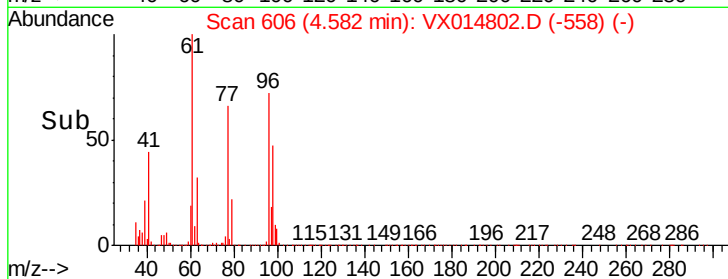
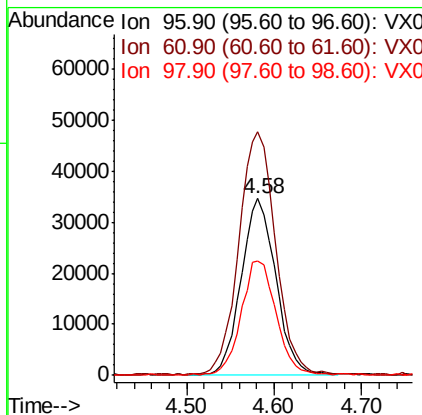
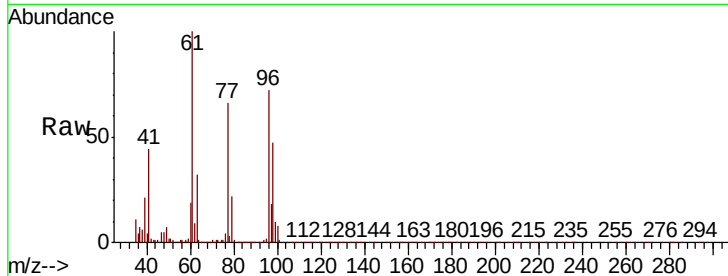


#27

cis-1,2-Dichloroethene
Concen: 18.632 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014802.D
Acq: 04 Feb 2020 12:17

Instrument :
MSVOA_X
ClientSampleId :
VX0204WBS01

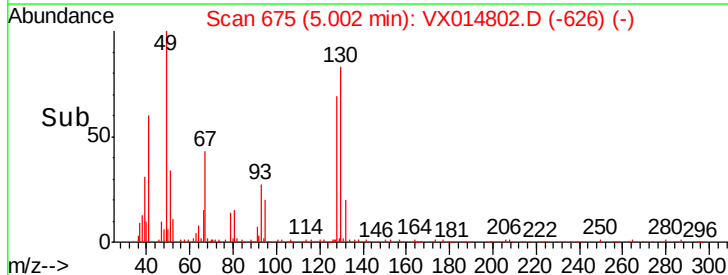
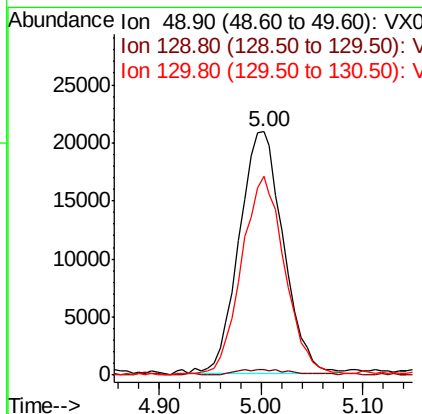
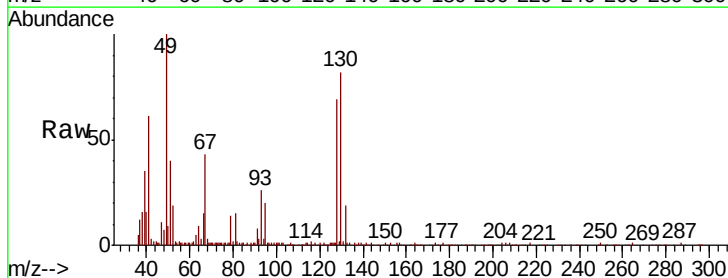
Tot Ion	Ratio	Lower	Upper
96	100		
61	146.6	0.0	291.0
98	64.9	0.0	129.8

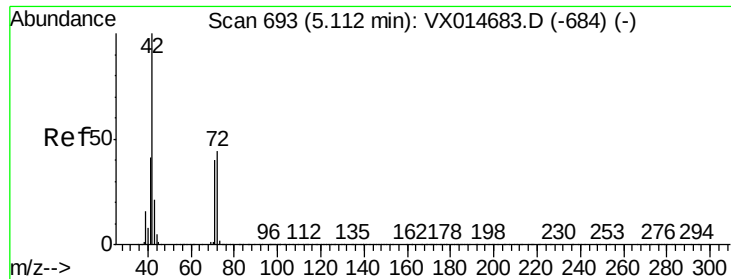


#28

Bromochloromethane
Concen: 17.725 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014802.D
Acq: 04 Feb 2020 12:17

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	4.8
130	79.5	62.4	93.6

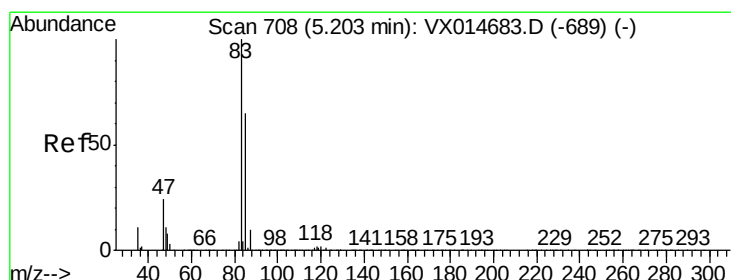
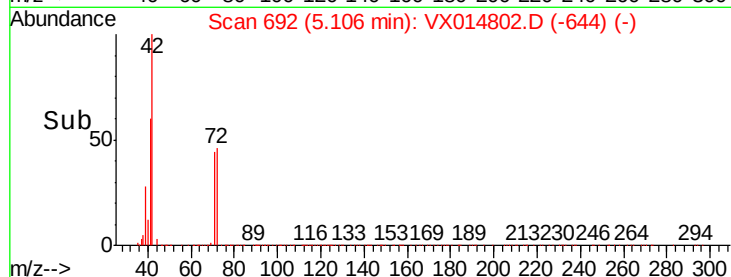
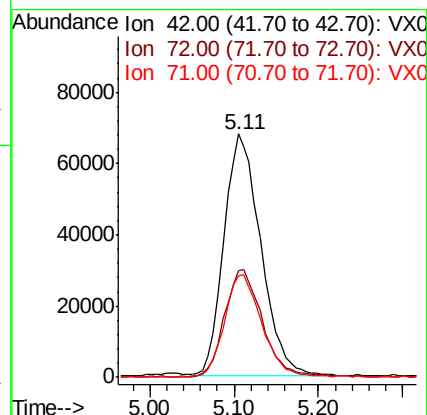
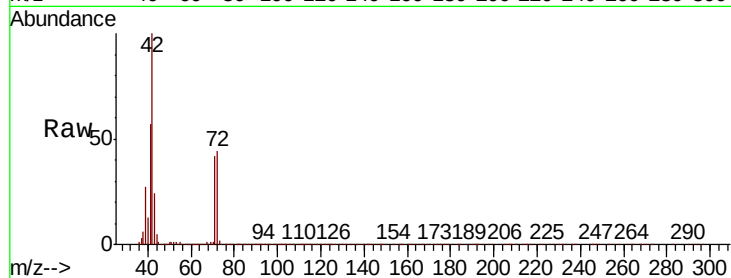




#29
Tetrahydrofuran
Concen: 89.126 ug/l
RT: 5.11 min Scan# 692
Delta R.T. -0.01 min
Lab File: VX014802.D
Acq: 04 Feb 2020 12:17

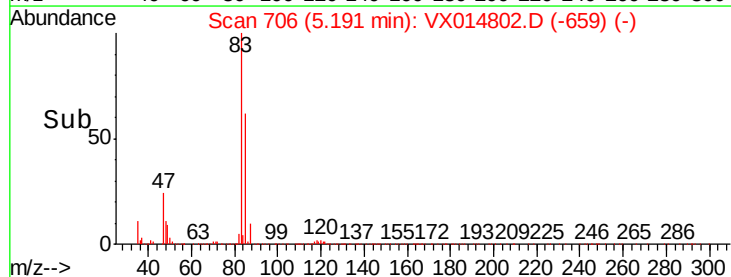
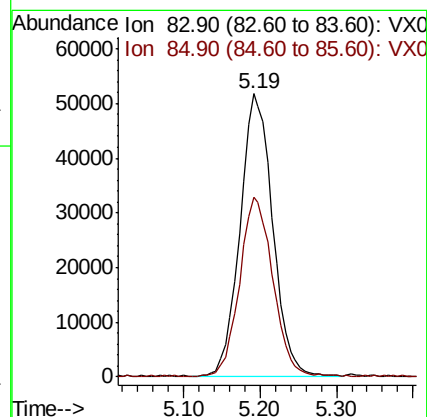
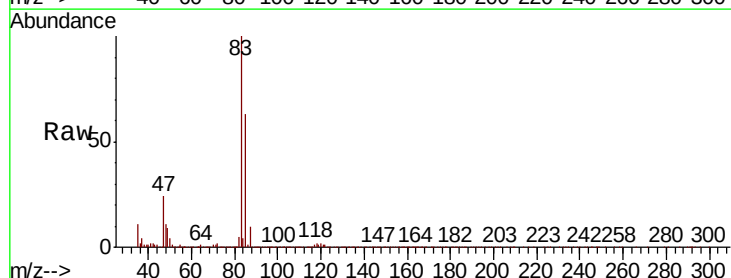
Instrument :
MSVOA_X
ClientSampleId :
VX0204WBS01

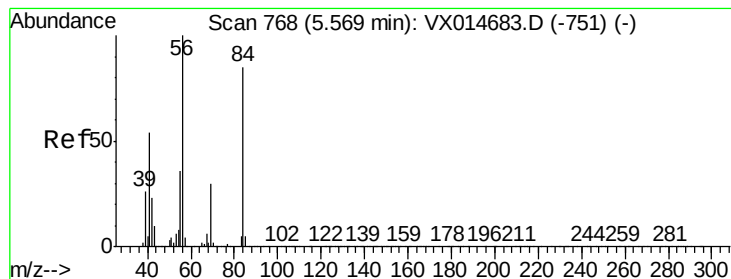
Tot Ion: 42 Resp: 201416
Ion Ratio Lower Upper
42 100
72 45.8 35.3 52.9
71 43.8 33.1 49.7



#30
Chloroform
Concen: 19.196 ug/l
RT: 5.19 min Scan# 706
Delta R.T. -0.01 min
Lab File: VX014802.D
Acq: 04 Feb 2020 12:17

Tgt Ion: 83 Resp: 152444
Ion Ratio Lower Upper
83 100
85 63.2 51.7 77.5





#31

Cyclohexane

Concen: 17.911 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX014802.D

Acq: 04 Feb 2020 12:17

Instrument :

MSVOA_X

ClientSampleId :

VX0204WBS01

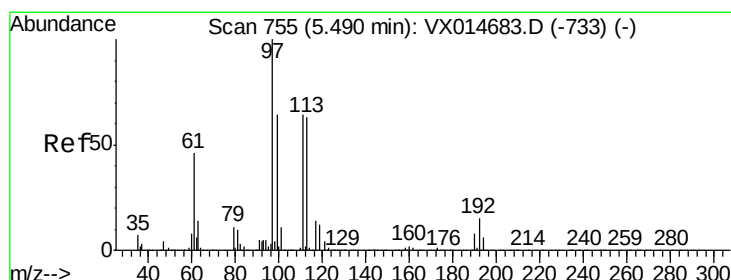
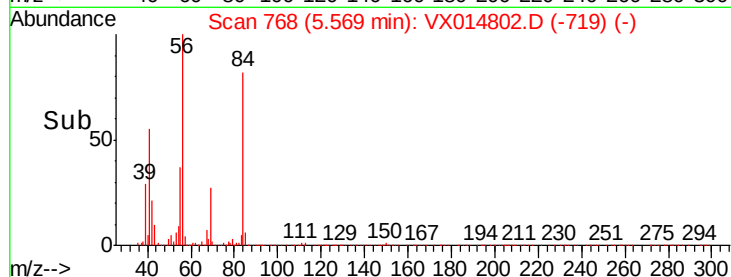
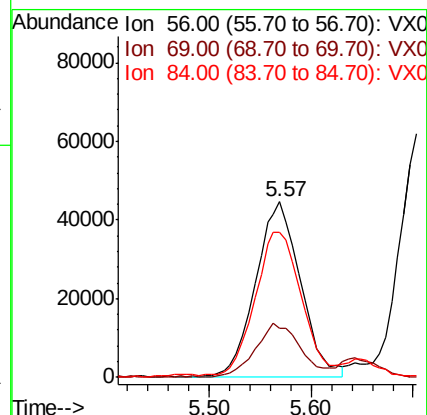
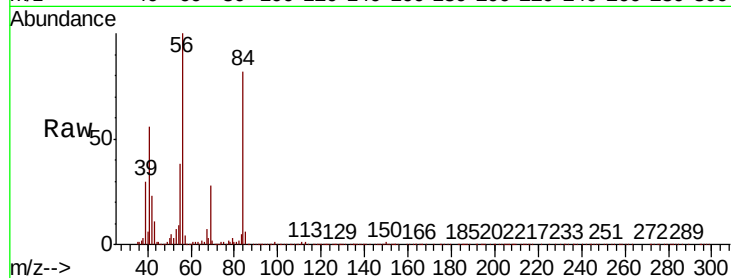
Tot Ion: 56 Resp: 135051

Ion Ratio Lower Upper

56 100

69 27.0 23.4 35.2

84 81.1 68.4 102.6



#32

1,1,1-Trichloroethane

Concen: 18.793 ug/l

RT: 5.48 min Scan# 753

Delta R.T. -0.01 min

Lab File: VX014802.D

Acq: 04 Feb 2020 12:17

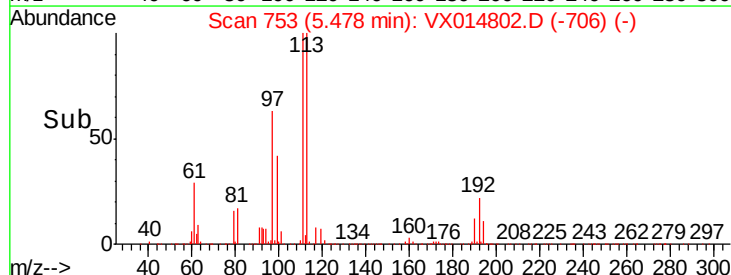
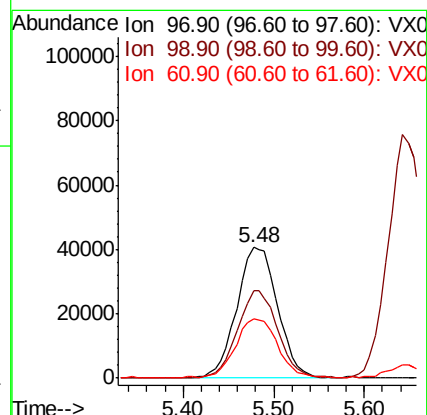
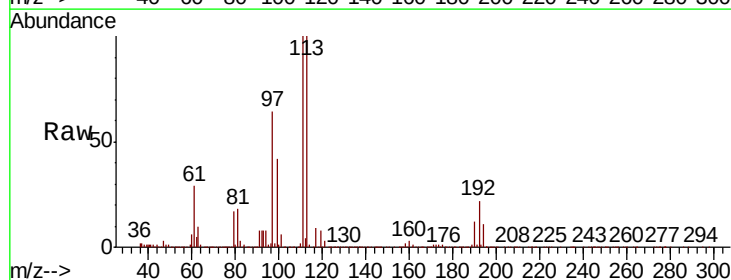
Tgt Ion: 97 Resp: 126151

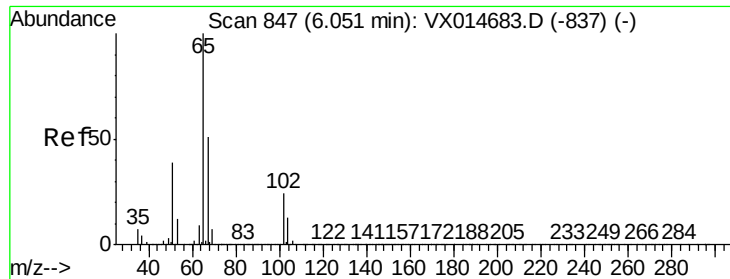
Ion Ratio Lower Upper

97 100

99 66.7 52.3 78.5

61 46.8 37.2 55.8

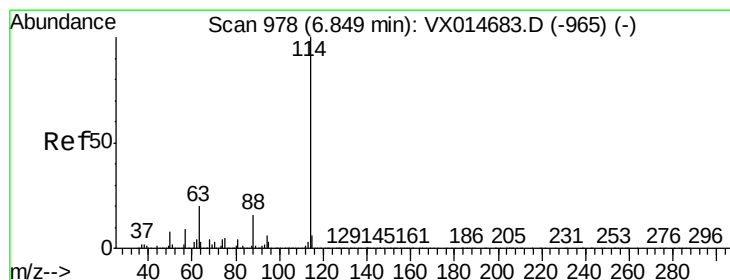
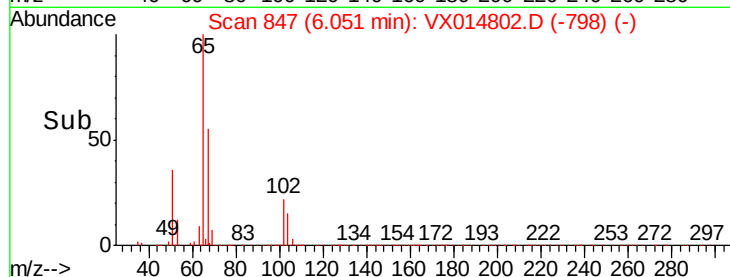
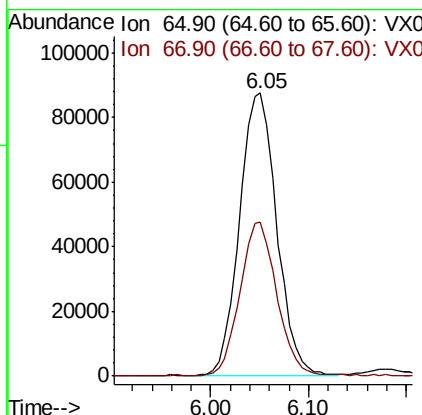
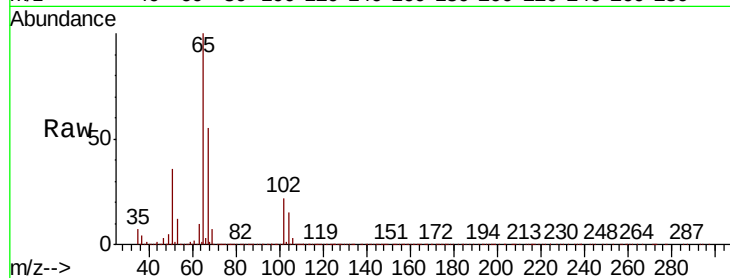




#33
 1,2-Dichloroethane-d4
 Concen: 48.054 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014802.D
 Acq: 04 Feb 2020 12:17

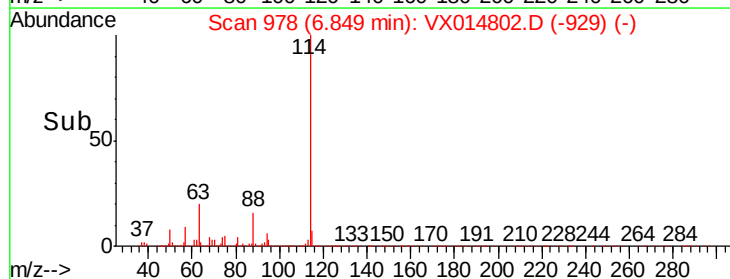
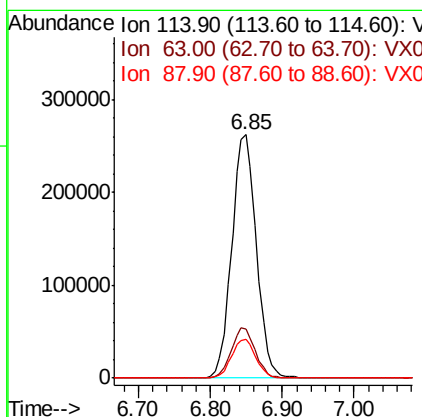
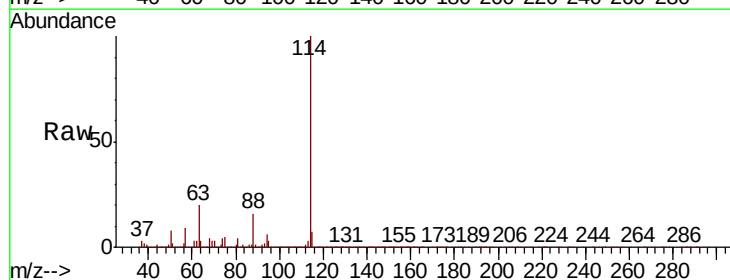
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0204WBS01

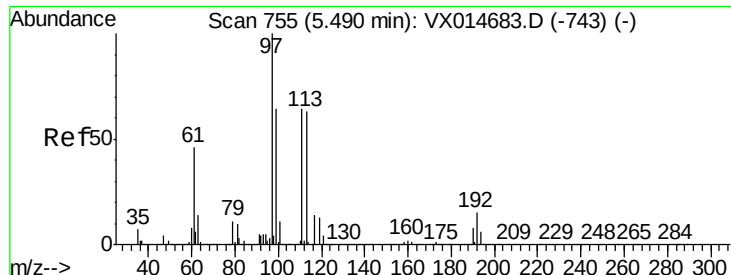
Tot Ion: 65 Resp: 233013
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014802.D
 Acq: 04 Feb 2020 12:17

Tgt Ion: 114 Resp: 620725
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 40.6
 88 15.7 0.0 31.2





#35

Dibromofluoromethane

Concen: 48.051 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX014802.D

Acq: 04 Feb 2020 12:17

Instrument :

MSVOA_X

ClientSampleId :

VX0204WBS01

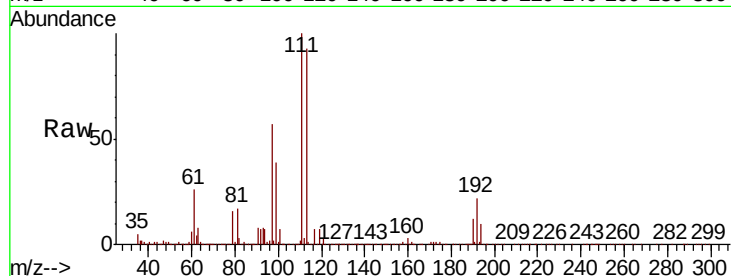
Tot Ion:113 Resp: 188204

Ion Ratio Lower Upper

113 100

111 104.1 80.7 121.1

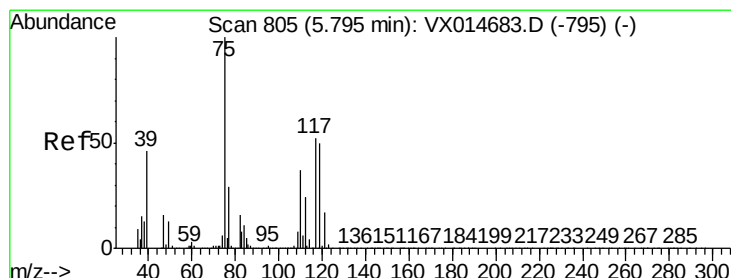
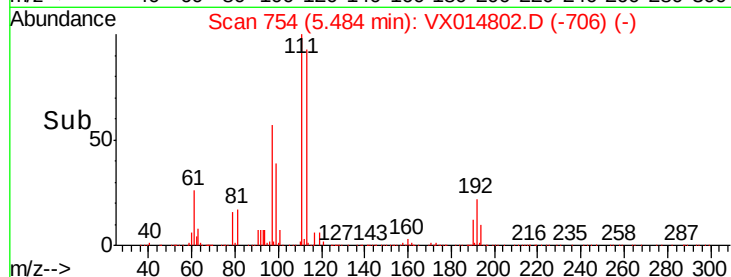
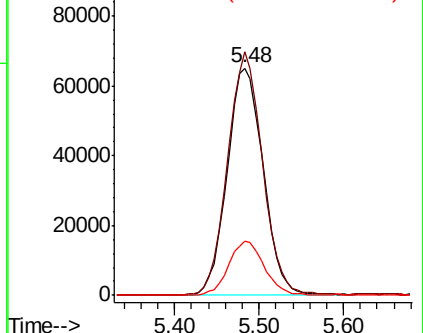
192 23.6 18.5 27.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.109 ug/l

RT: 5.78 min Scan# 803

Delta R.T. -0.01 min

Lab File: VX014802.D

Acq: 04 Feb 2020 12:17

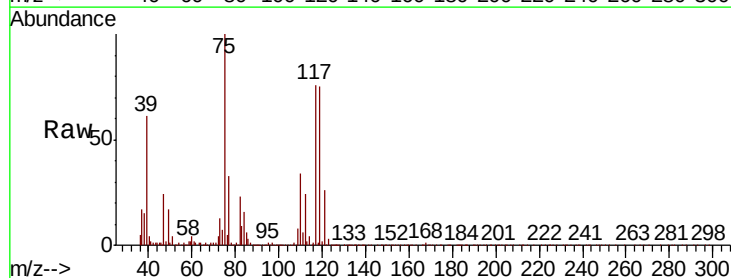
Tgt Ion: 75 Resp: 110215

Ion Ratio Lower Upper

75 100

110 36.2 17.9 53.7

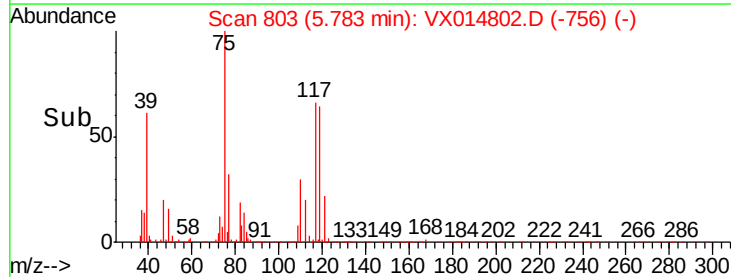
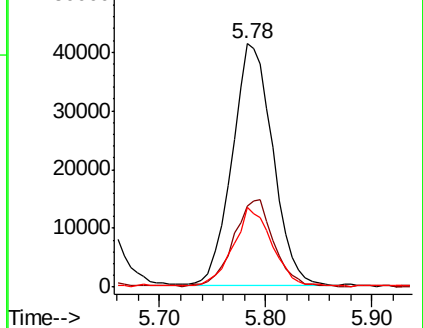
77 30.8 24.1 36.1

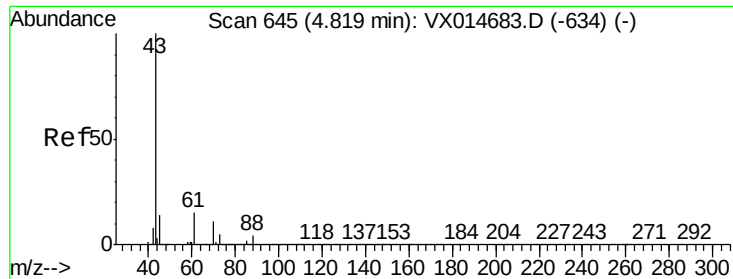


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

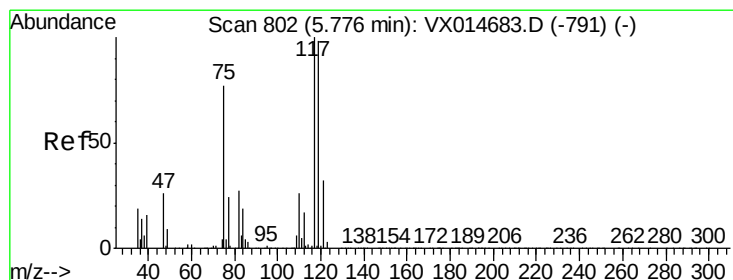
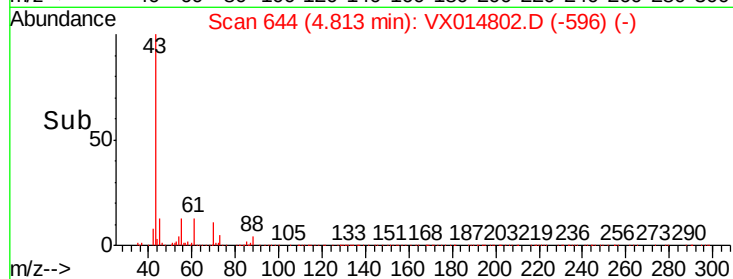
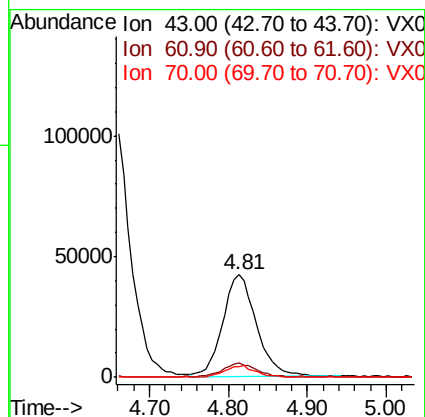
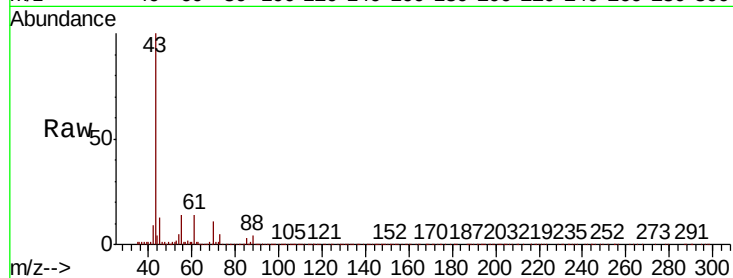




#37
Ethyl Acetate
Concen: 18.819 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014802.D
Acq: 04 Feb 2020 12:17

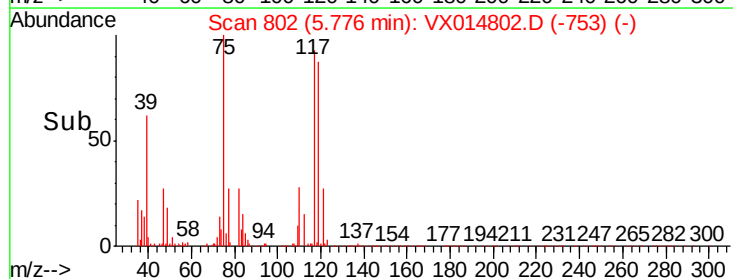
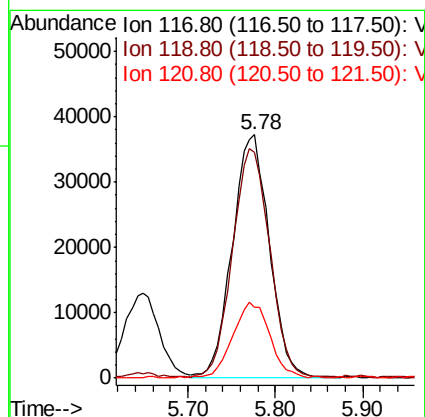
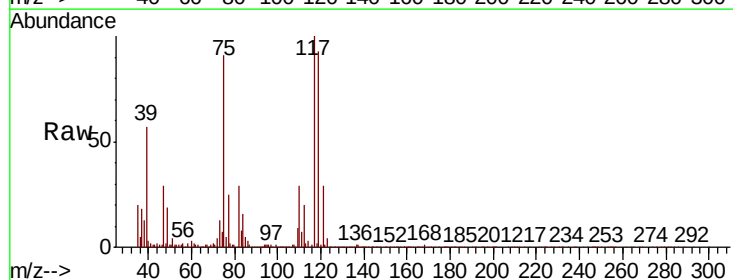
Instrument :
MSVOA_X
ClientSampled :
VX0204WBS01

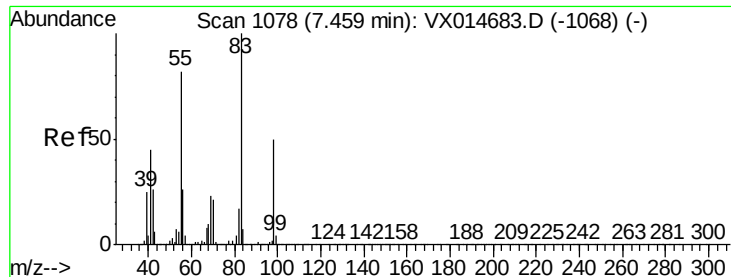
Tot Ion	Ratio	Lower	Upper
43	100		
61	13.2	11.0	16.4
70	11.3	8.5	12.7



#38
Carbon Tetrachloride
Concen: 19.788 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014802.D
Acq: 04 Feb 2020 12:17

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.8	77.9	116.9
121	28.6	25.4	38.2

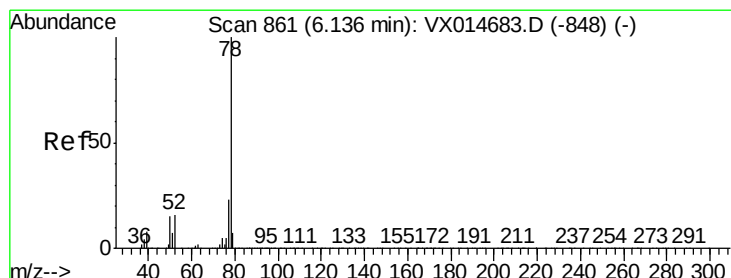
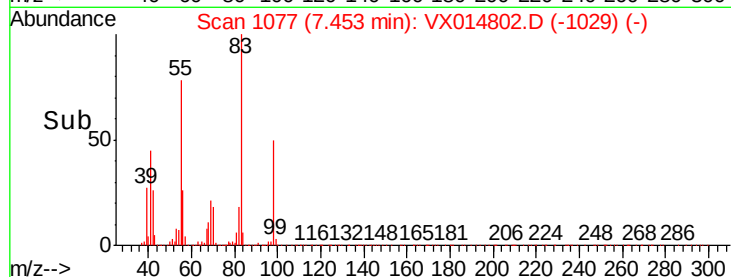
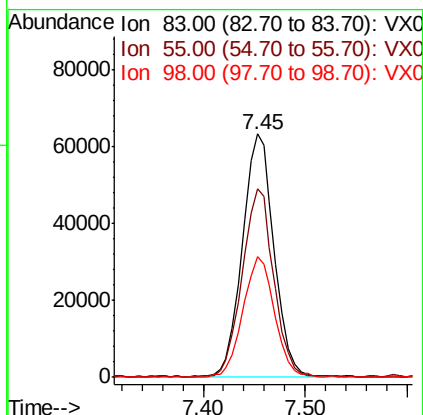
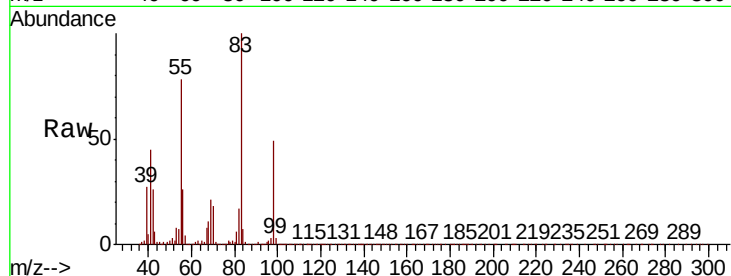




#39
Methylvlcyclohexane
Concen: 18.872 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014802.D
Acq: 04 Feb 2020 12:17

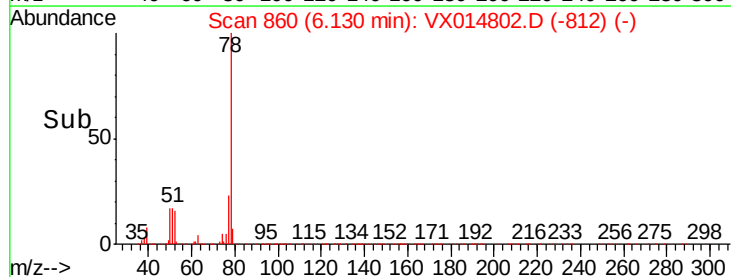
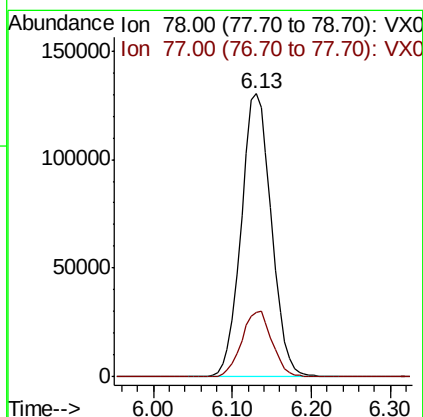
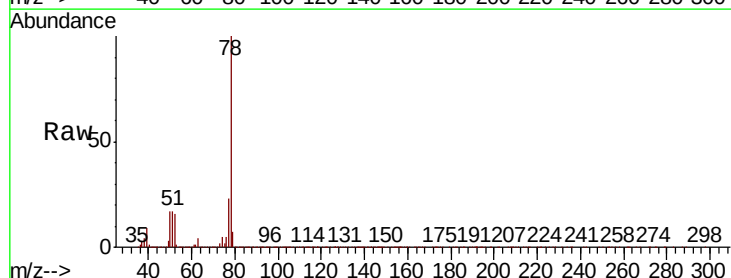
Instrument :
MSVOA_X
ClientSampleId :
VX0204WBS01

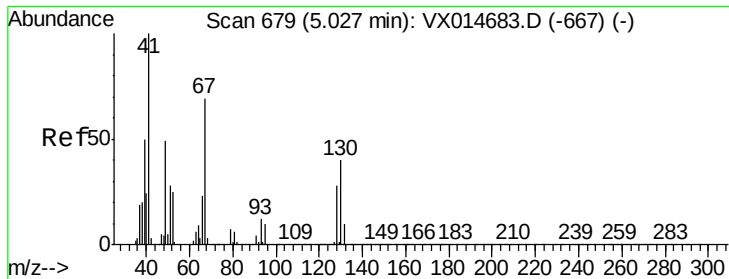
Tot Ion	83.00	Resp	136364
Ion	Ratio	Lower	Upper
83	100		
55	77.2	65.6	98.4
98	49.4	40.2	60.4



#40
Benzene
Concen: 19.413 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014802.D
Acq: 04 Feb 2020 12:17

Tgt Ion	78.00	Resp	345955
Ion	Ratio	Lower	Upper
78	100		
77	23.0	18.7	28.1

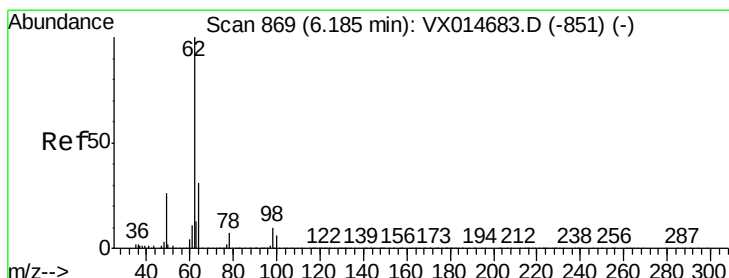
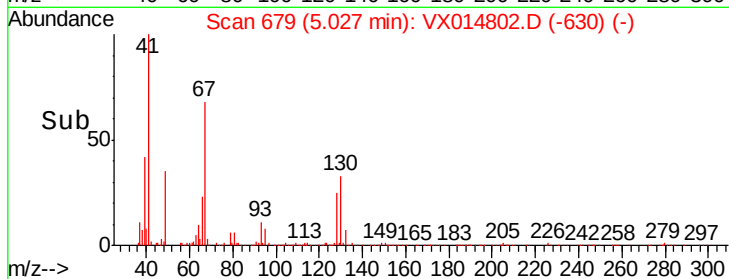
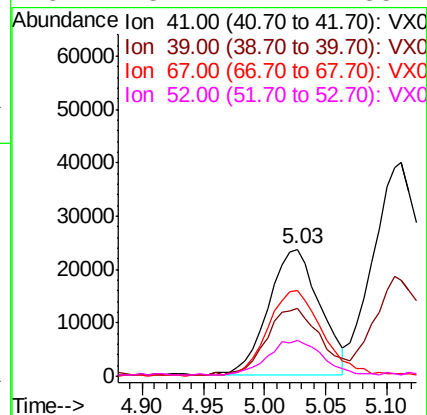
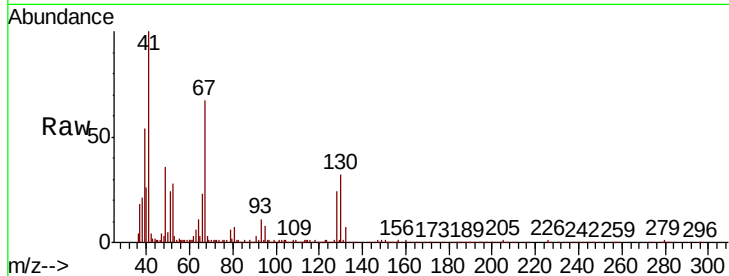




#41
Methacrylonitrile
Concen: 18.310 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX014802.D
Acq: 04 Feb 2020 12:17

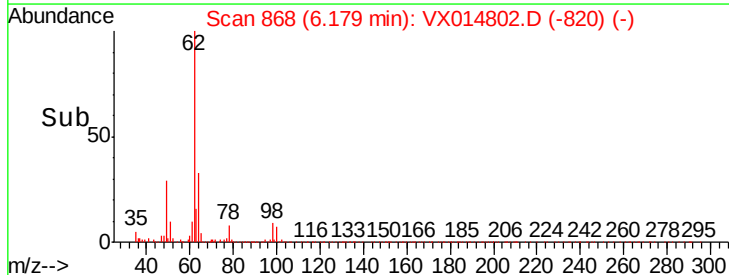
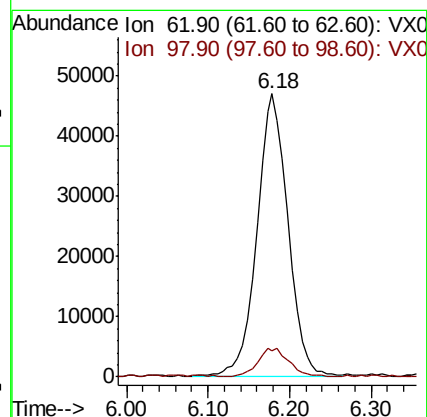
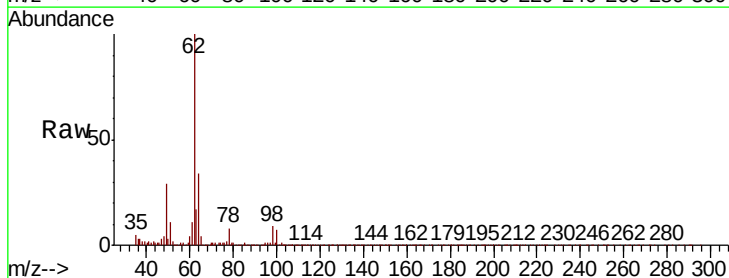
Instrument :
MSVOA_X
ClientSampleId :
VX0204WBS01

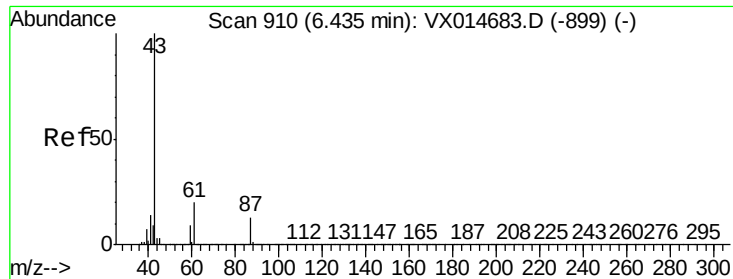
Tot Ion:	41	Resp:	69617
Ion	Ratio	Lower	Upper
41	100		
39	54.6	42.2	63.2
67	70.5	55.4	83.0
52	28.7	22.1	33.1



#42
1,2-Dichloroethane
Concen: 20.048 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014802.D
Acq: 04 Feb 2020 12:17

Tgt Ion:	62	Resp:	123375
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	20.0





#43

Isopropyl Acetate

Concen: 18.806 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX014802.D

Acq: 04 Feb 2020 12:17

Instrument :

MSVOA_X

ClientSampled :

VX0204WBS01

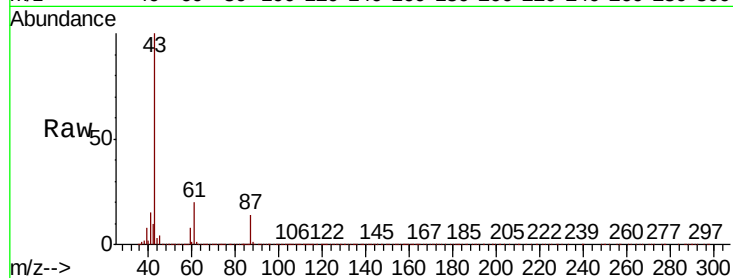
Tot Ion: 43 Resp: 203436

Ion Ratio Lower Upper

43 100

61 20.4 16.2 24.4

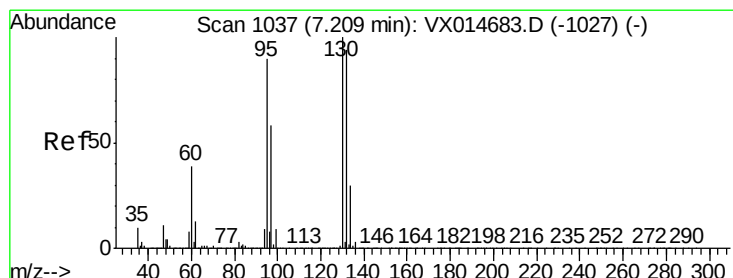
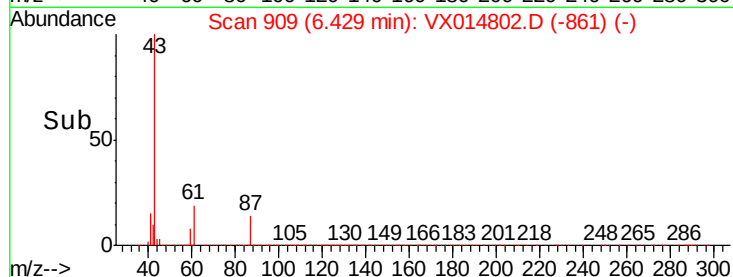
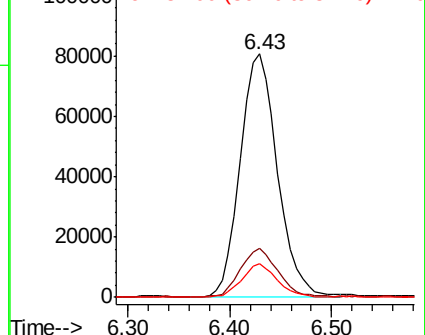
87 13.0 10.5 15.7



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: 18.840 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX014802.D

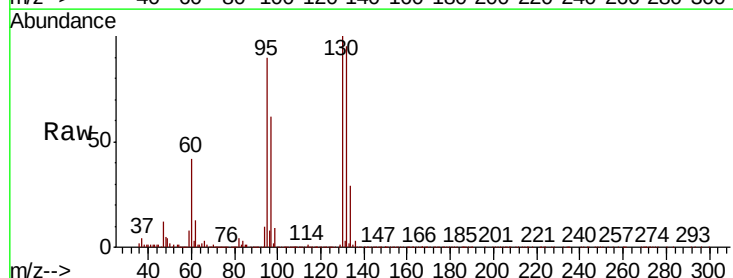
Acq: 04 Feb 2020 12:17

Tgt Ion:130 Resp: 94839

Ion Ratio Lower Upper

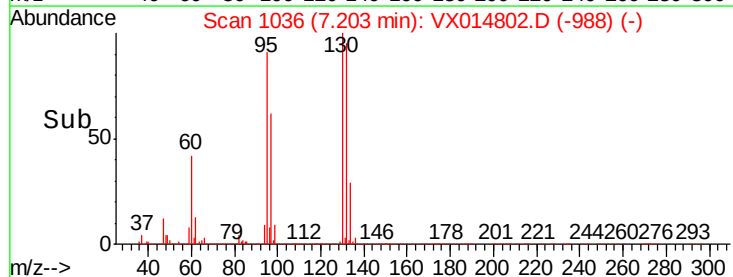
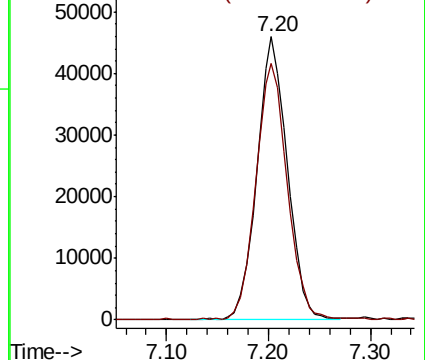
130 100

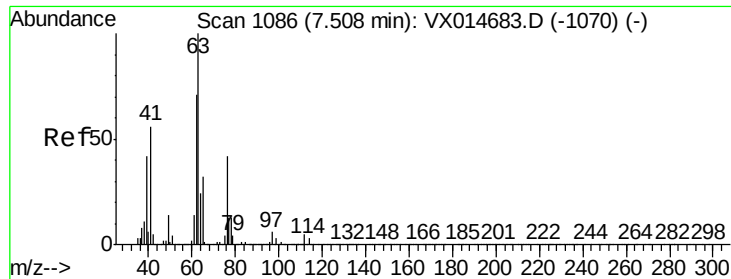
95 90.5 0.0 179.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 19.630 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX014802.D

Acq: 04 Feb 2020 12:17

Instrument :

MSVOA_X

ClientSampleId :

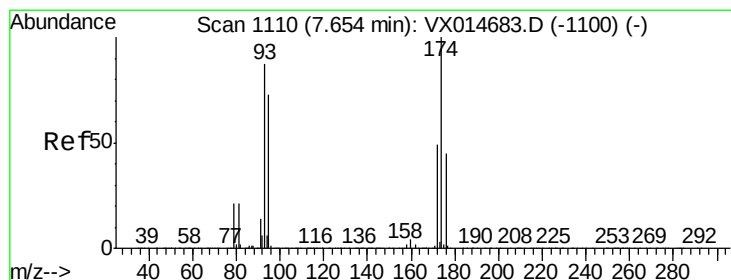
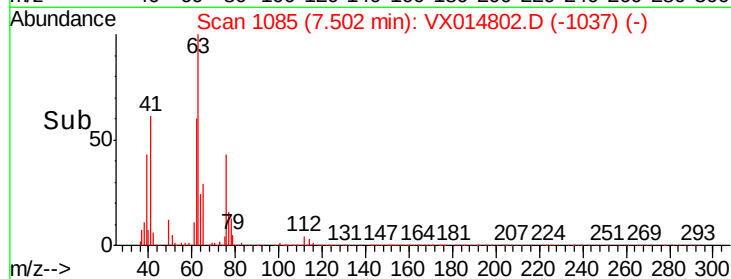
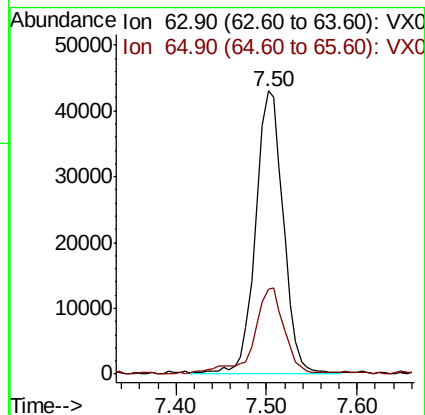
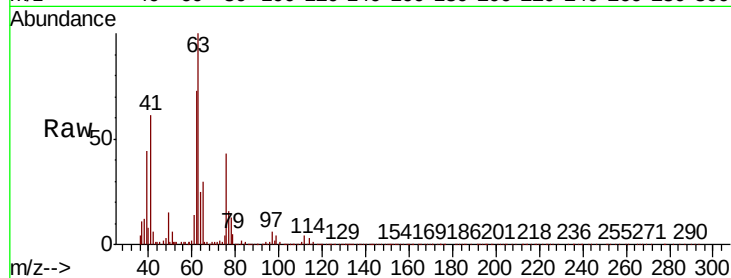
VX0204WBS01

Tot Ion: 63 Resp: 90123

Ion Ratio Lower Upper

63 100

65 29.7 25.2 37.8



#46

Dibromomethane

Concen: 20.007 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX014802.D

Acq: 04 Feb 2020 12:17

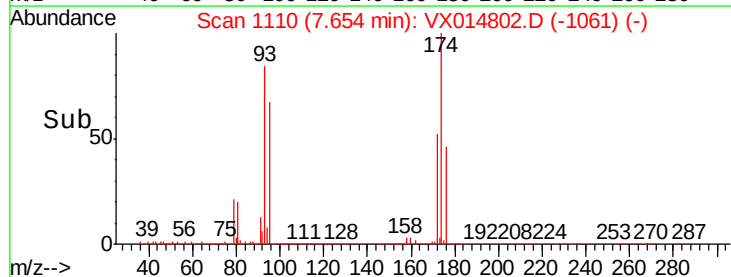
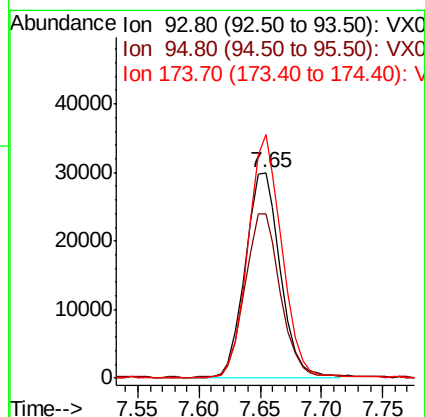
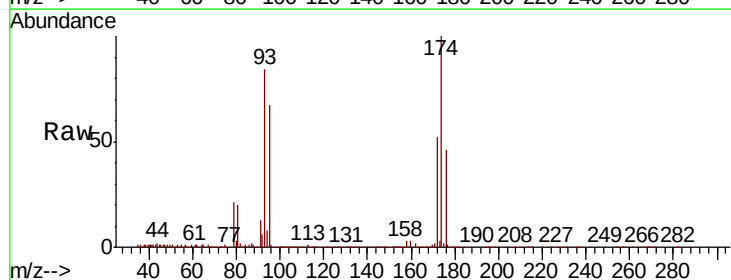
Tgt Ion: 93 Resp: 59491

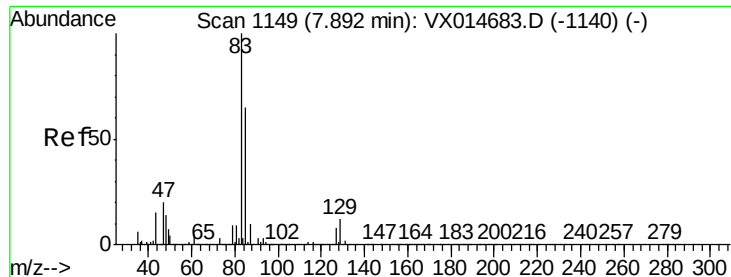
Ion Ratio Lower Upper

93 100

95 80.8 67.0 100.4

174 115.7 90.2 135.2





#47

Bromodichloromethane

Concen: 20.177 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014802.D

Acq: 04 Feb 2020 12:17

Instrument :

MSVOA_X

ClientSampleId :

VX0204WBS01

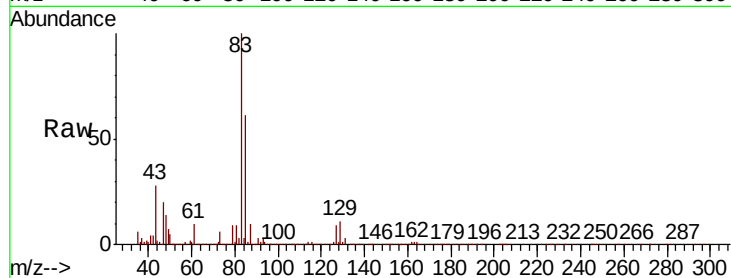
Tot Ion: 83 Resp: 117673

Ion Ratio Lower Upper

83 100

85 60.8 52.2 78.2

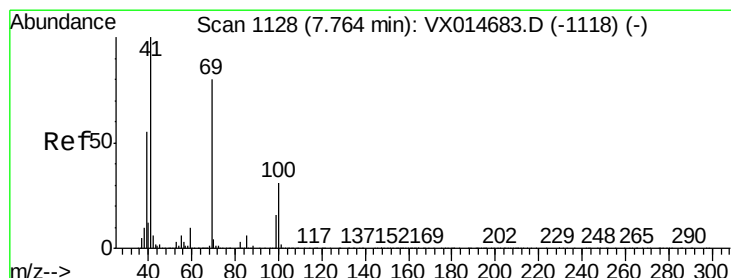
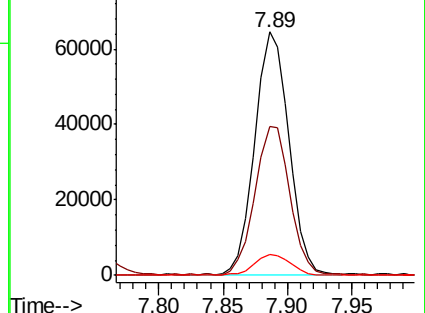
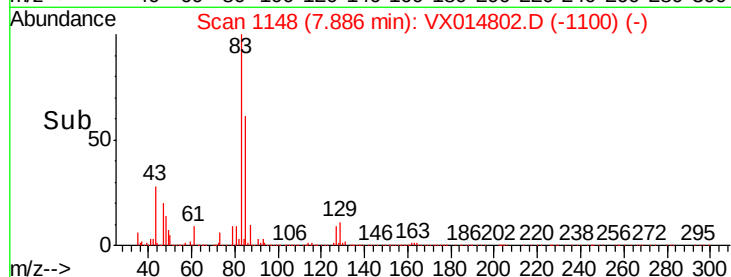
127 8.7 6.4 9.6



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: 19.581 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX014802.D

Acq: 04 Feb 2020 12:17

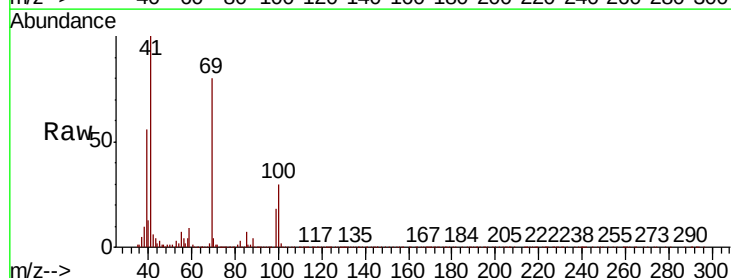
Tgt Ion: 41 Resp: 101209

Ion Ratio Lower Upper

41 100

69 78.7 63.5 95.3

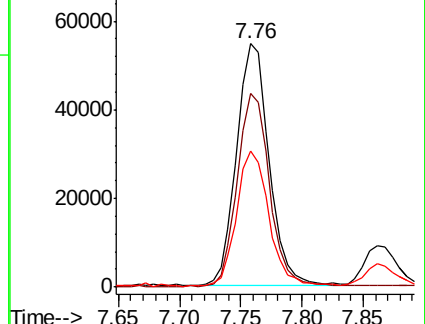
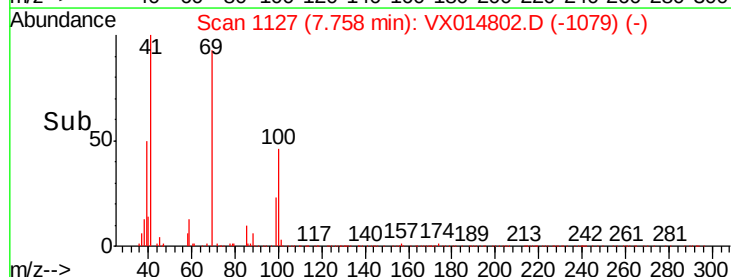
39 55.3 43.7 65.5

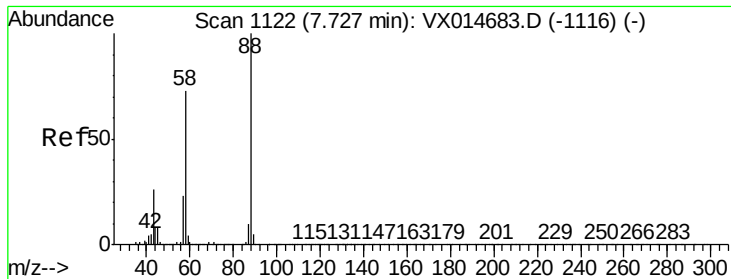


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 377.957 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. 0.00 min

Lab File: VX014802.D

Acq: 04 Feb 2020 12:17

Instrument :

MSVOA_X

ClientSampleId :

VX0204WBS01

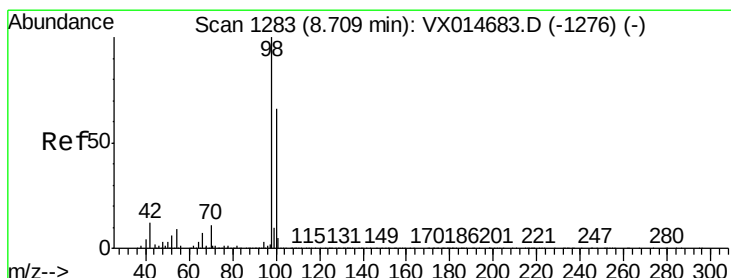
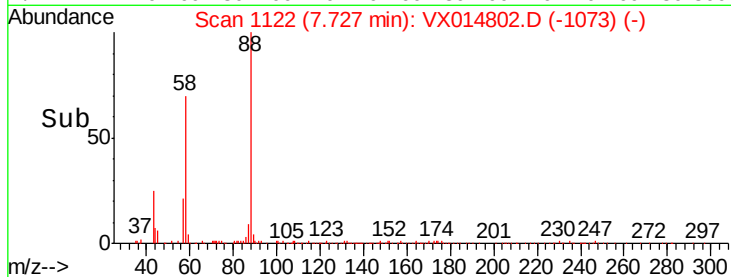
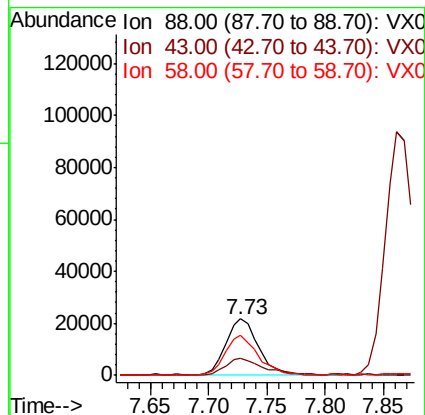
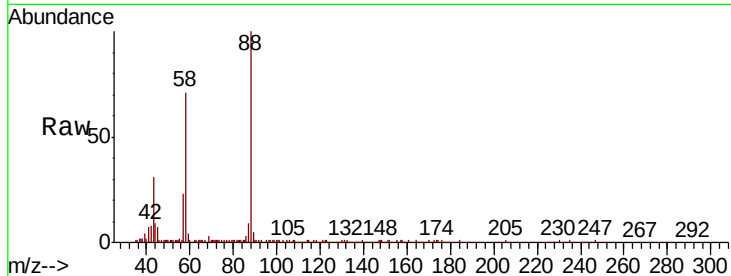
Tot Ion: 88 Resp: 41410

Ion Ratio Lower Upper

88 100

43 33.2 26.2 39.2

58 71.1 56.6 85.0



#50

Toluene-d8

Concen: 48.157 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014802.D

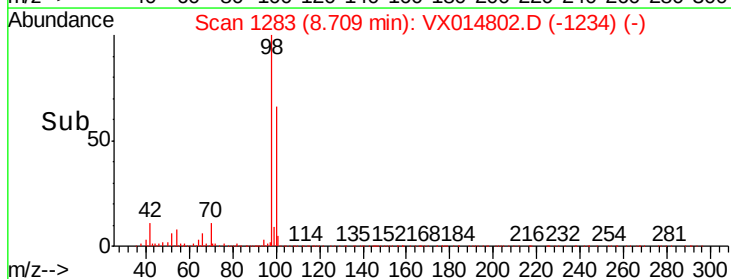
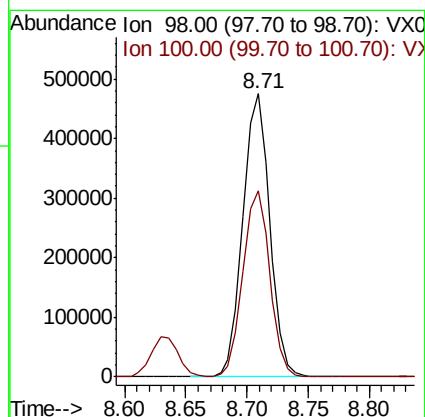
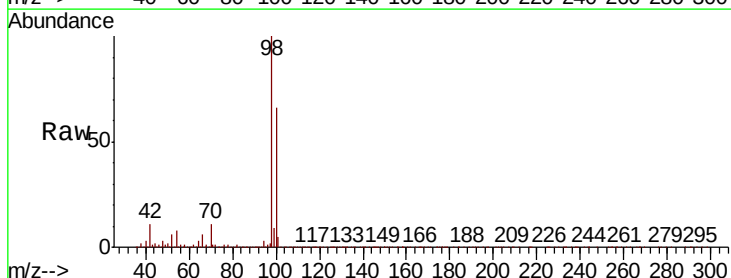
Acq: 04 Feb 2020 12:17

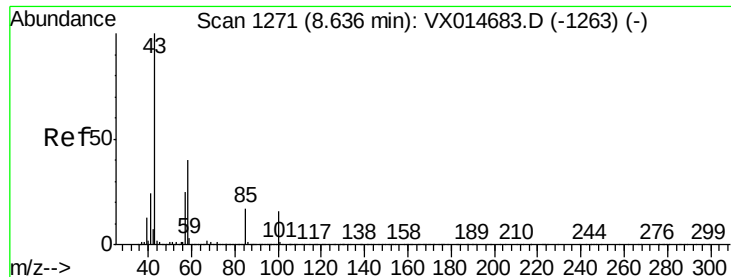
Tgt Ion: 98 Resp: 725118

Ion Ratio Lower Upper

98 100

100 65.6 53.0 79.6





#51

4-Methyl-2-Pentanone

Concen: 94.934 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX014802.D

Acq: 04 Feb 2020 12:17

Instrument :

MSVOA_X

ClientSampleId :

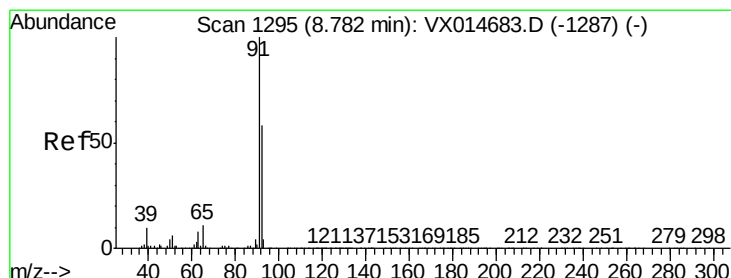
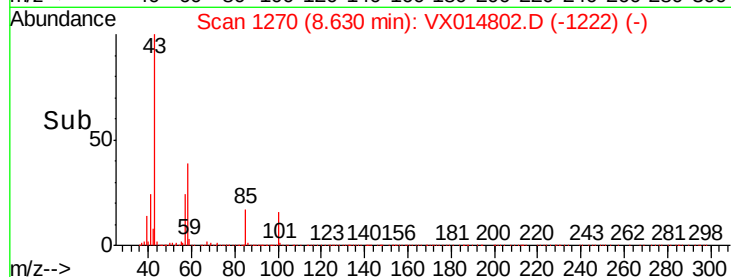
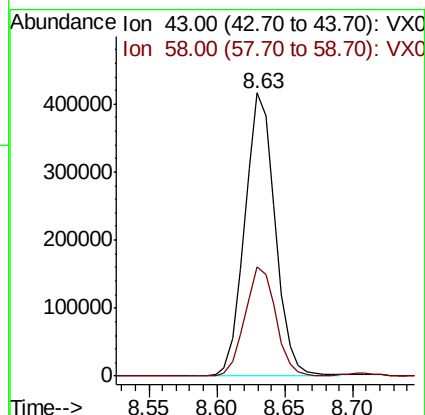
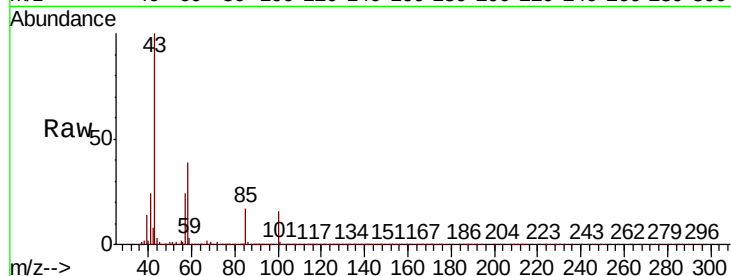
VX0204WBS01

Tot Ion: 43 Resp: 648172

Ion Ratio Lower Upper

43 100

58 39.1 31.6 47.4



#52

Toluene

Concen: 19.799 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014802.D

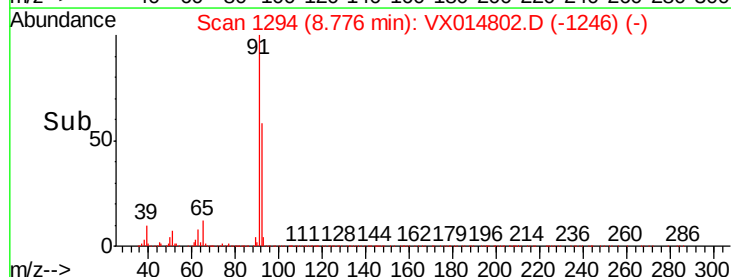
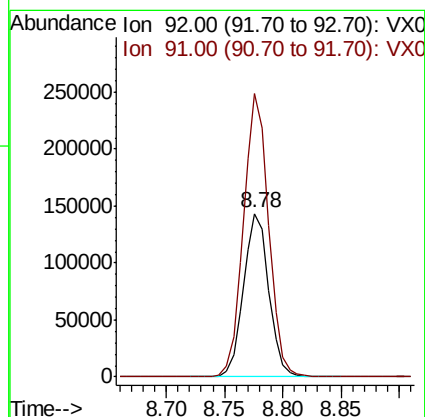
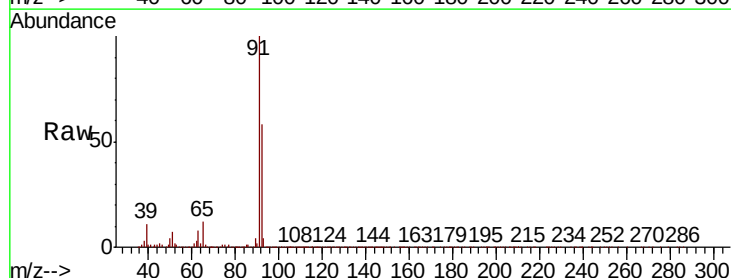
Acq: 04 Feb 2020 12:17

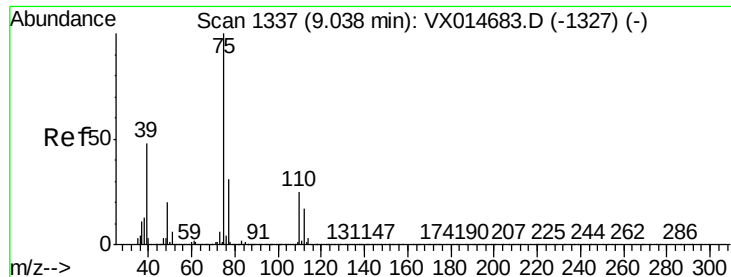
Tgt Ion: 92 Resp: 216892

Ion Ratio Lower Upper

92 100

91 172.9 135.9 203.9





#53

t-1,3-Dichloropropene

Concen: 19.868 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX014802.D

Acq: 04 Feb 2020 12:17

Instrument :

MSVOA_X

ClientSampleId :

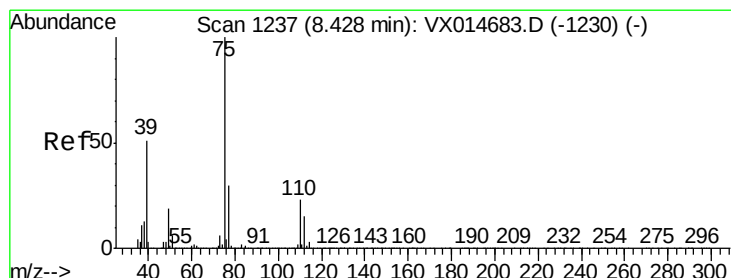
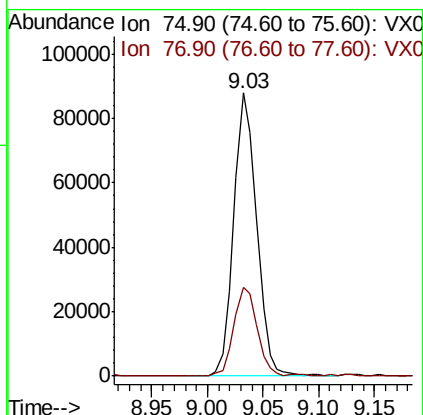
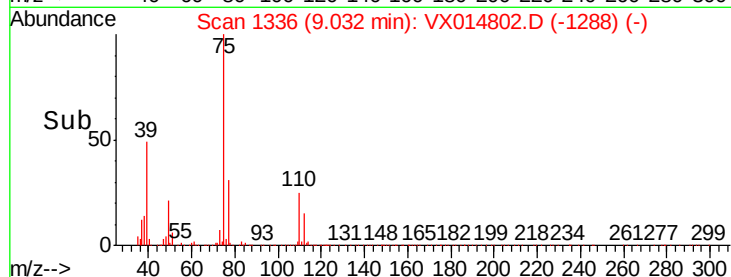
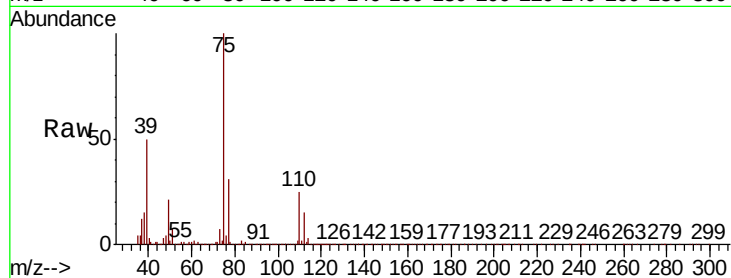
VX0204WBS01

Tot Ion: 75 Resp: 124764

Ion Ratio Lower Upper

75 100

77 31.1 24.9 37.3



#54

cis-1,3-Dichloropropene

Concen: 20.191 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX014802.D

Acq: 04 Feb 2020 12:17

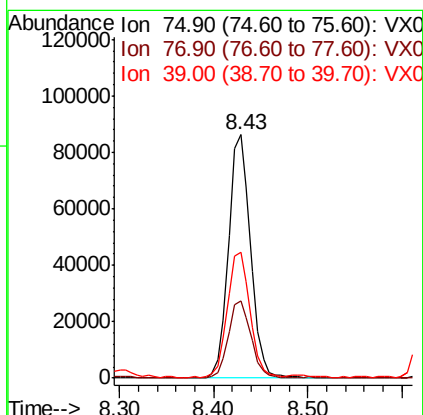
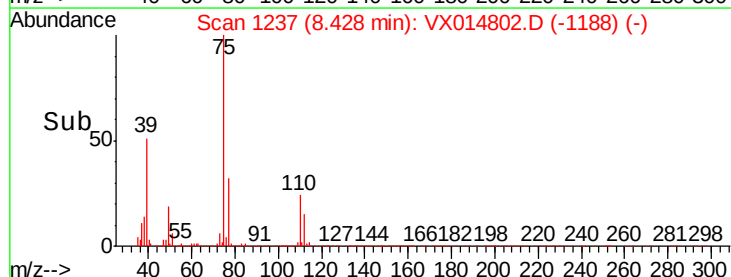
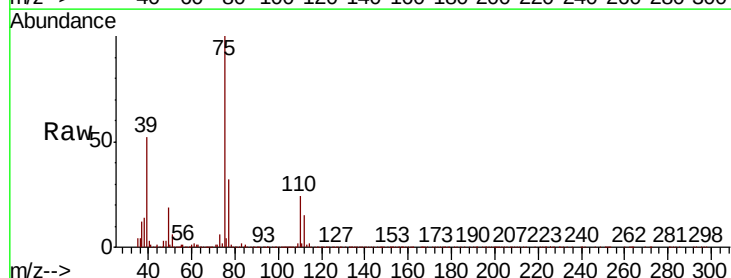
Tgt Ion: 75 Resp: 139481

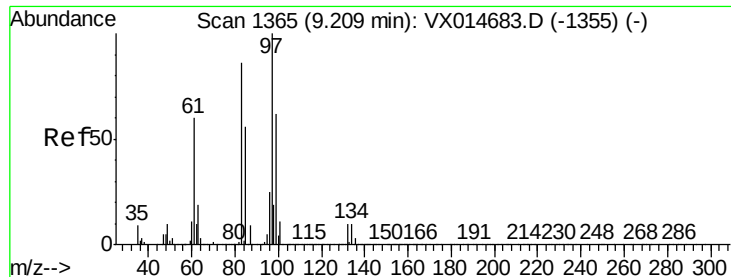
Ion Ratio Lower Upper

75 100

77 31.6 23.9 35.9

39 51.4 40.9 61.3

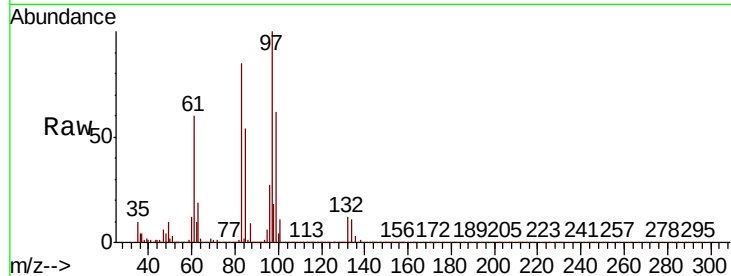




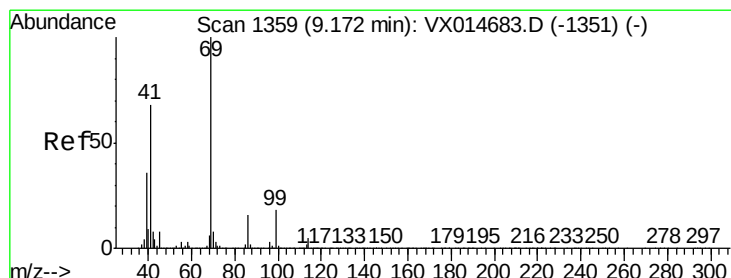
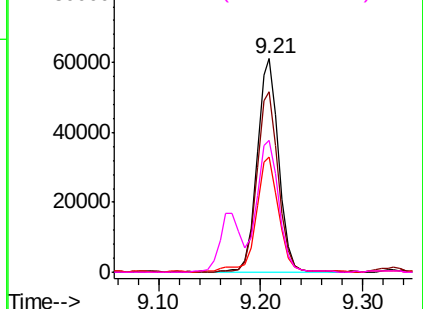
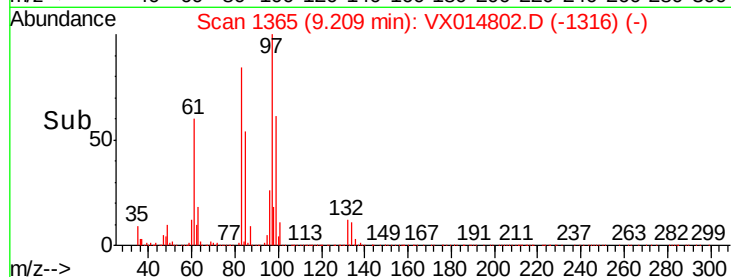
#55
 1,1,2-Trichloroethane
 Concen: 20.237 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014802.D
 Acq: 04 Feb 2020 12:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0204WBS01

Tot Ion:	97	Resp:	90767
Ion	Ratio	Lower	Upper
97	100		
83	84.3	69.2	103.8
85	54.0	44.6	67.0
99	61.4	50.1	75.1

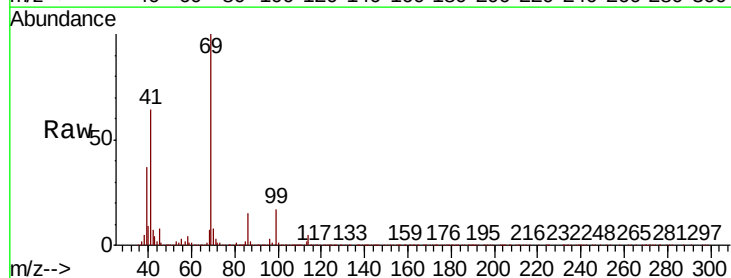


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

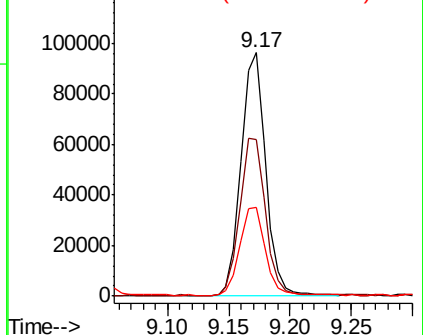
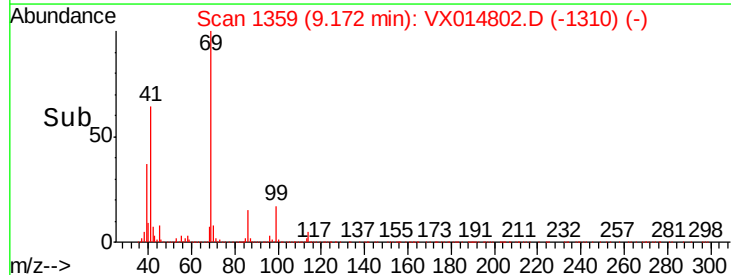


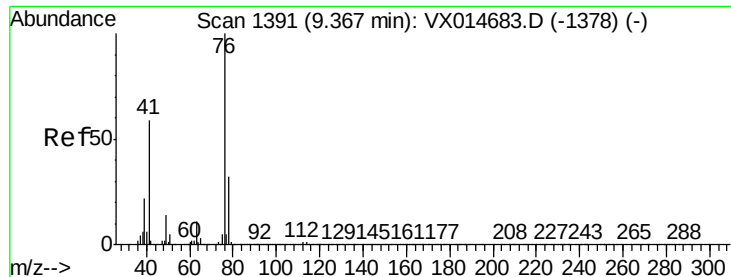
#56
 Ethyl methacrylate
 Concen: 18.820 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014802.D
 Acq: 04 Feb 2020 12:17

Tgt Ion:	69	Resp:	134329
Ion	Ratio	Lower	Upper
69	100		
41	66.6	54.9	82.3
39	37.1	29.3	43.9



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 19.771 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014802.D

Acq: 04 Feb 2020 12:17

Instrument :

MSVOA_X

ClientSampled :

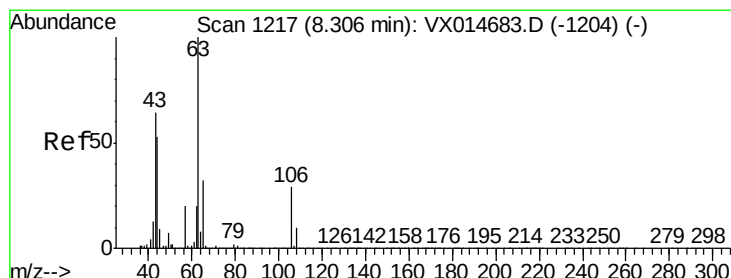
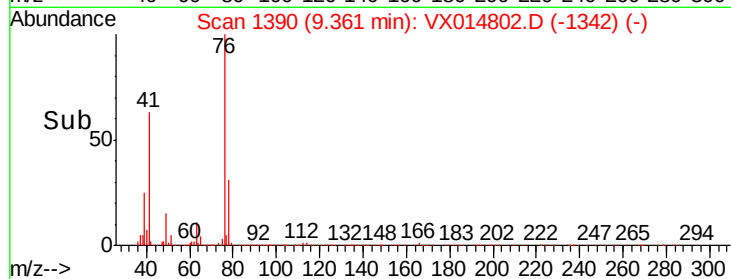
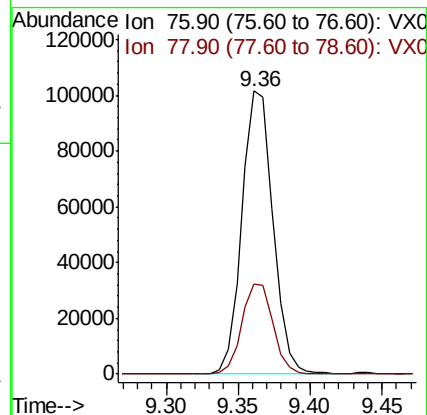
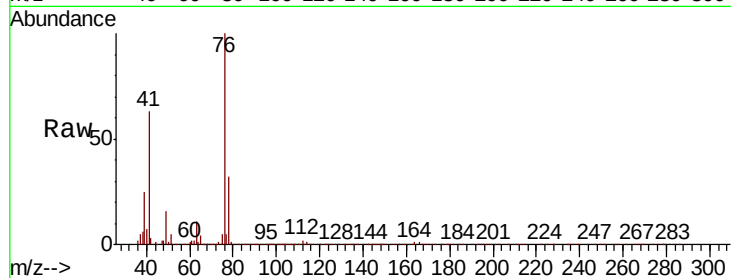
VX0204WBS01

Tot Ion: 76 Resp: 151588

Ion Ratio Lower Upper

76 100

78 32.3 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 98.191 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014802.D

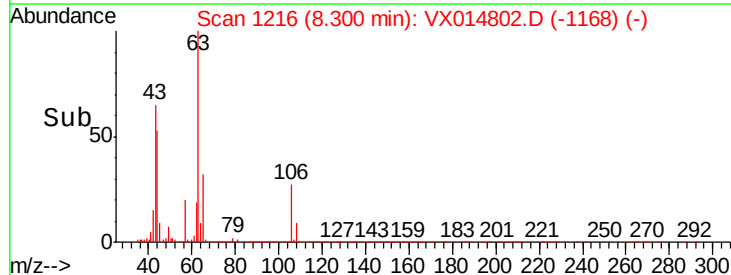
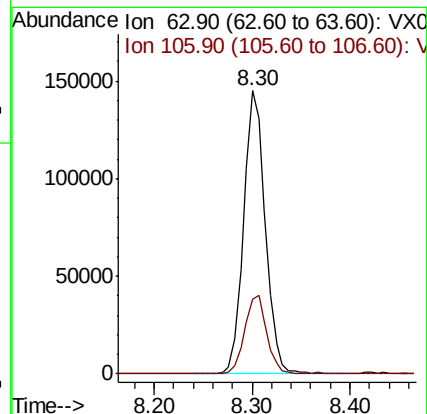
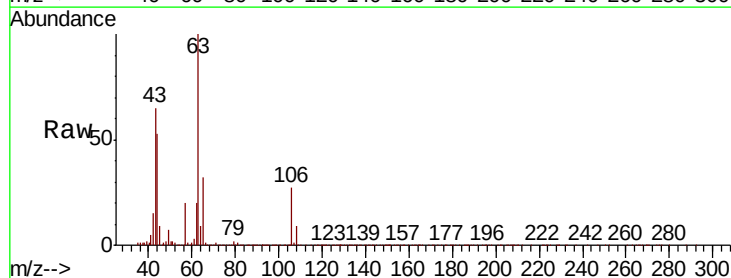
Acq: 04 Feb 2020 12:17

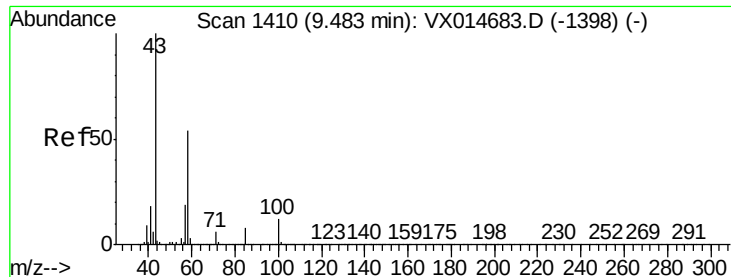
Tgt Ion: 63 Resp: 221481

Ion Ratio Lower Upper

63 100

106 28.3 22.7 34.1

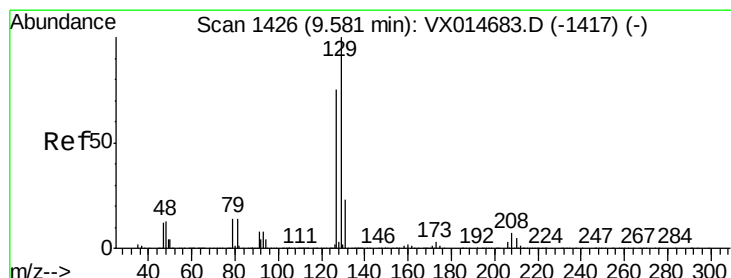
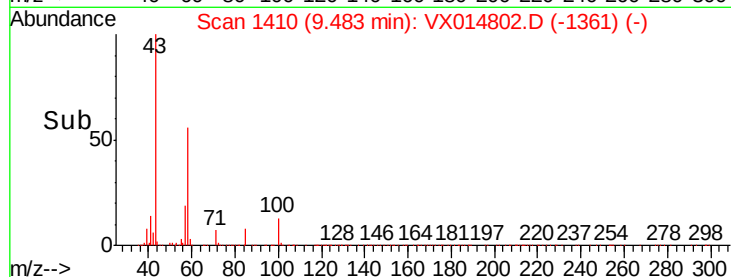
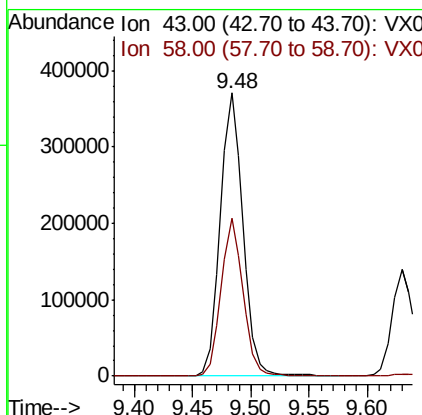
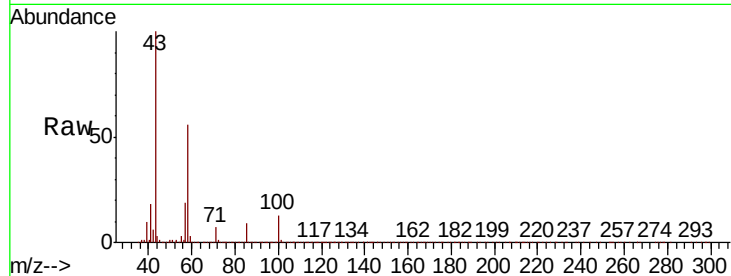




#59
2-Hexanone
Concen: 93.592 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014802.D
Acq: 04 Feb 2020 12:17

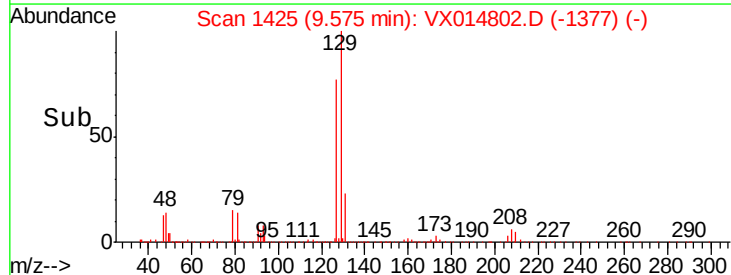
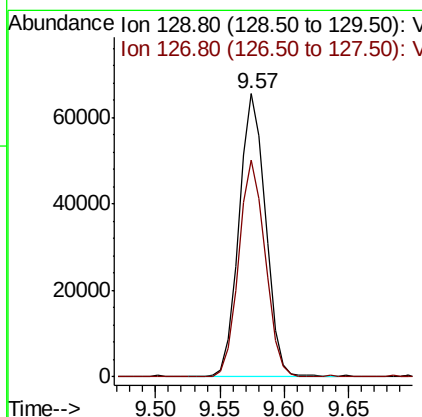
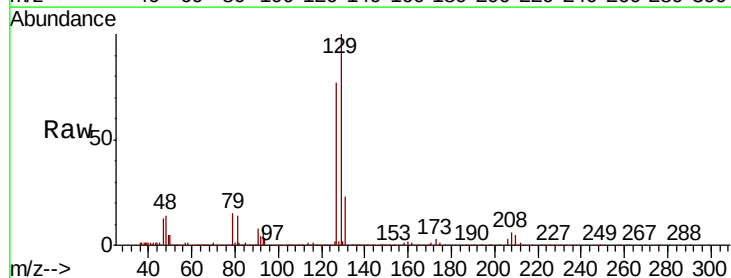
Instrument :
MSVOA_X
ClientSampleId :
VX0204WBS01

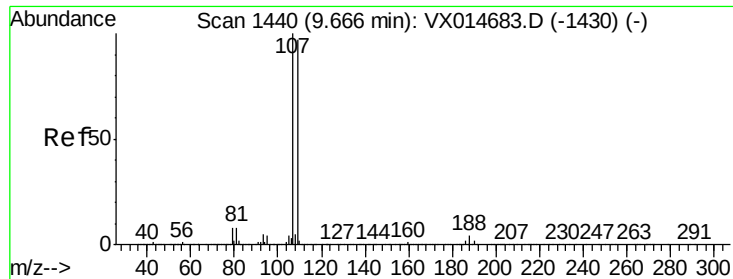
Tot Ion: 43 Resp: 495859
Ion Ratio Lower Upper
43 100
58 54.2 27.2 81.5



#60
Dibromochloromethane
Concen: 19.925 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014802.D
Acq: 04 Feb 2020 12:17

Tgt Ion: 129 Resp: 93278
Ion Ratio Lower Upper
129 100
127 76.4 38.5 115.5





#61

1,2-Dibromoethane

Concen: 19.877 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014802.D

Acq: 04 Feb 2020 12:17

Instrument :

MSVOA_X

ClientSampleId :

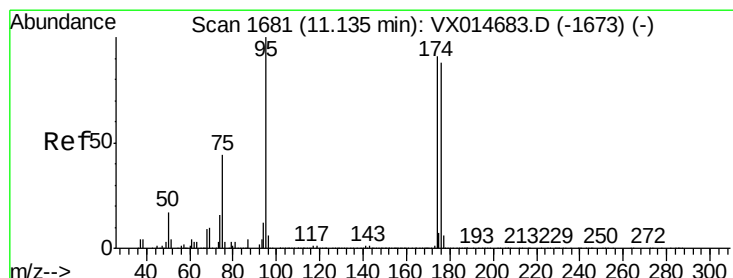
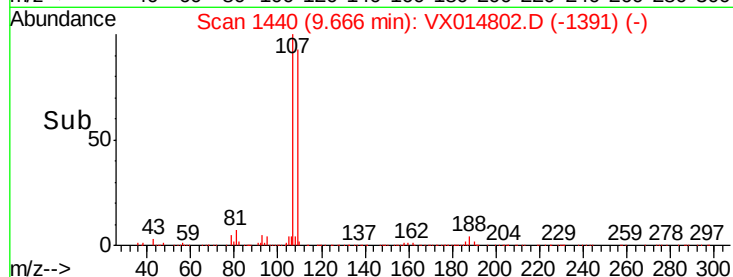
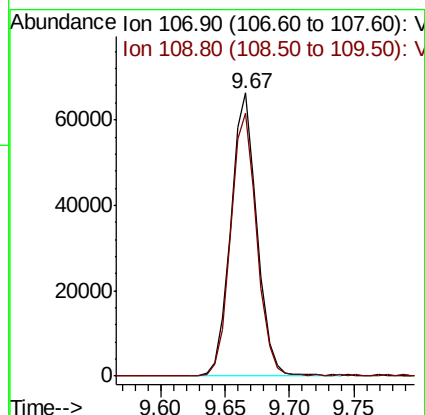
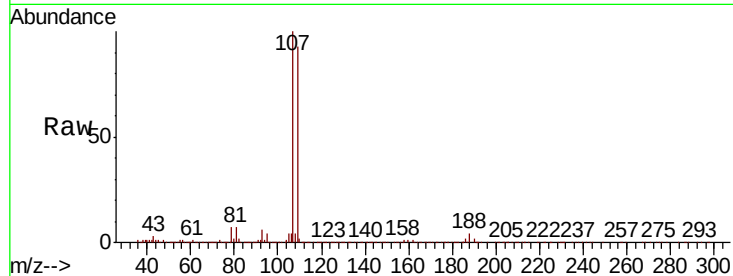
VX0204WBS01

Tot Ion:107 Resp: 94261

Ion Ratio Lower Upper

107 100

109 93.1 76.2 114.2



#62

4-Bromofluorobenzene

Concen: 47.607 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014802.D

Acq: 04 Feb 2020 12:17

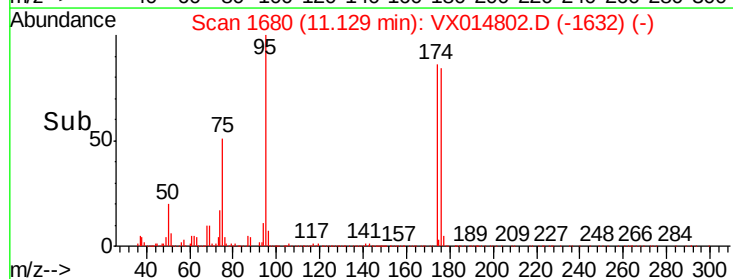
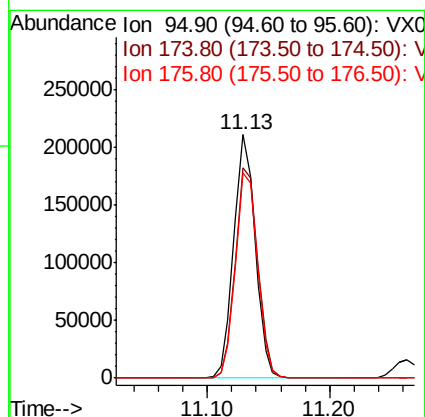
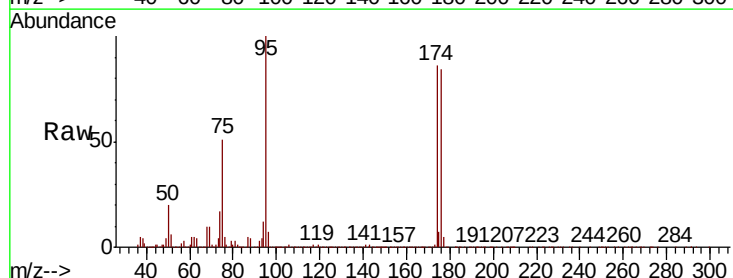
Tgt Ion: 95 Resp: 255358

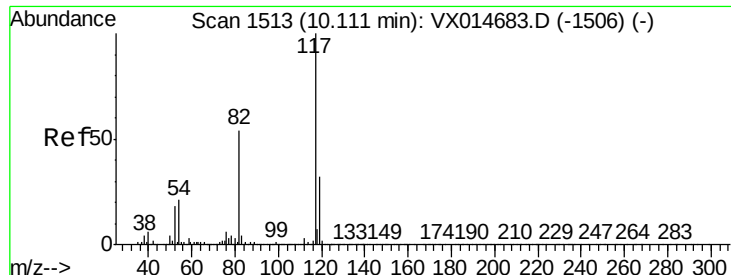
Ion Ratio Lower Upper

95 100

174 90.4 0.0 176.0

176 87.4 0.0 172.2

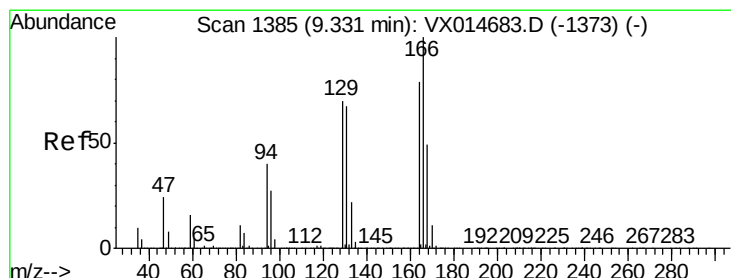
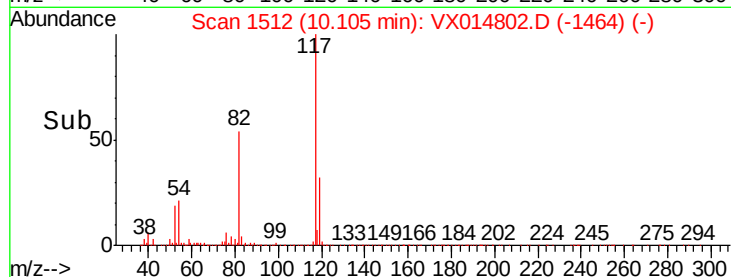
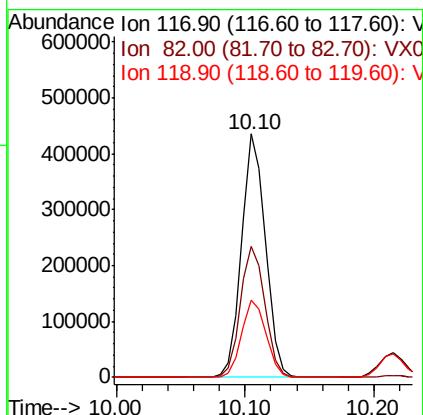
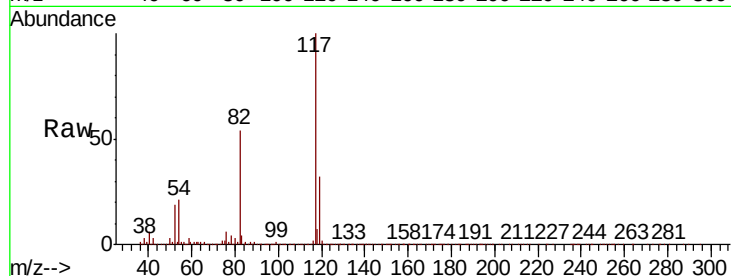




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014802.D
Acq: 04 Feb 2020 12:17

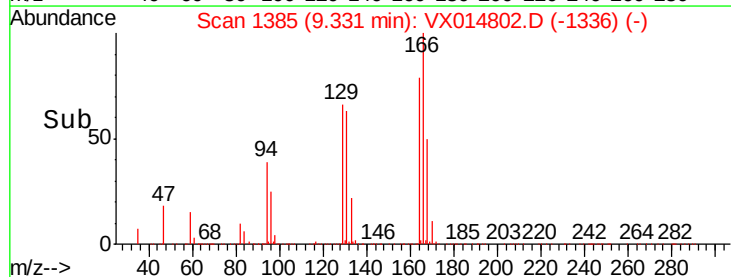
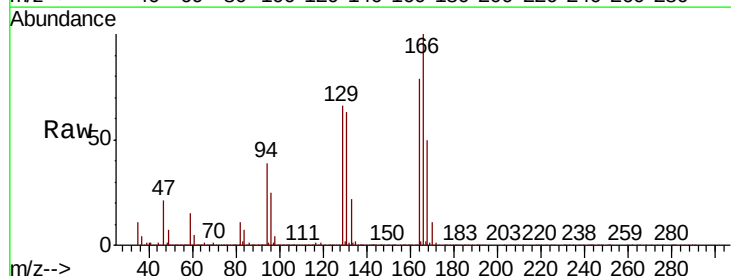
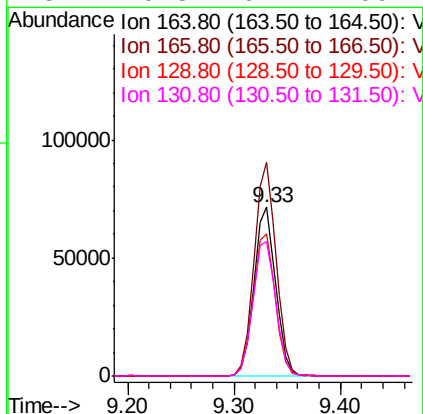
Instrument :
MSVOA_X
ClientSampled :
VX0204WBS01

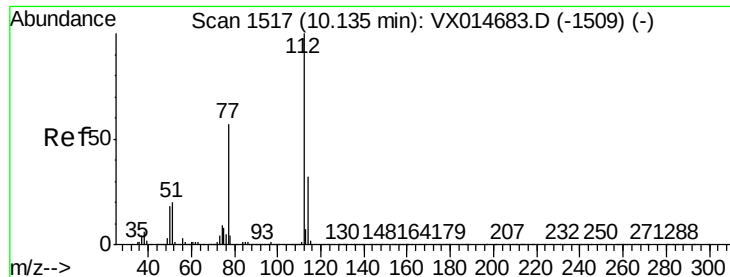
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.6	43.2	64.8
119	31.7	25.8	38.6



#64
Tetrachloroethene
Concen: 18.495 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014802.D
Acq: 04 Feb 2020 12:17

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.7	100.9	151.3
129	84.1	71.0	106.6
131	79.8	67.1	100.7





#65

Chlorobenzene

Concen: 19.549 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX014802.D

Acq: 04 Feb 2020 12:17

Instrument :

MSVOA_X

ClientSampleId :

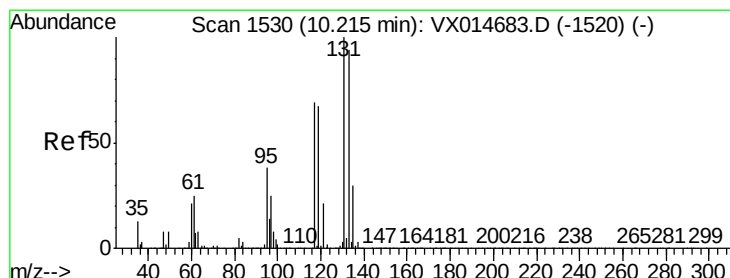
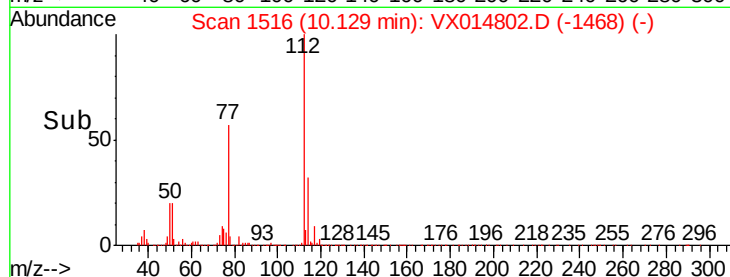
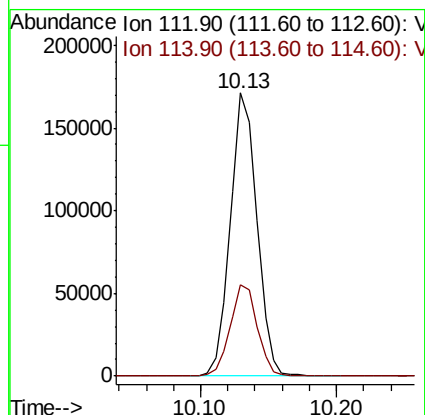
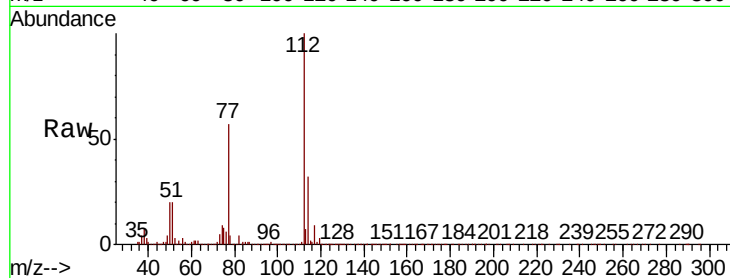
VX0204WBS01

Tot Ion:112 Resp: 233457

Ion Ratio Lower Upper

112 100

114 32.4 25.8 38.8



#66

1,1,1,2-Tetrachloroethane

Concen: 20.260 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014802.D

Acq: 04 Feb 2020 12:17

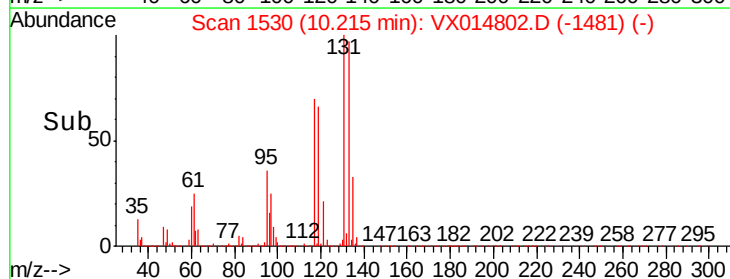
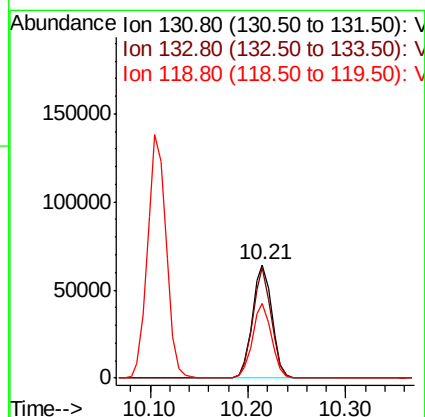
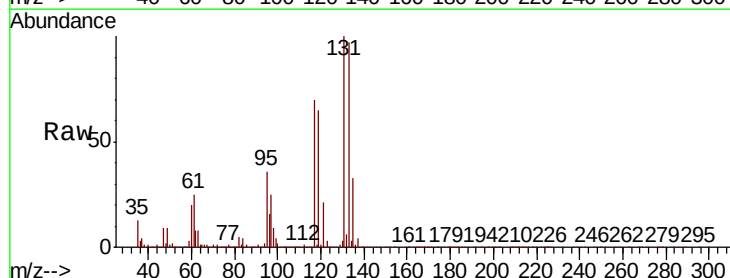
Tgt Ion:131 Resp: 89205

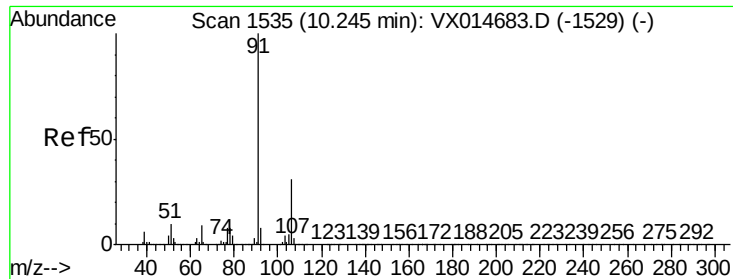
Ion Ratio Lower Upper

131 100

133 93.4 47.4 142.3

119 63.6 33.3 99.8

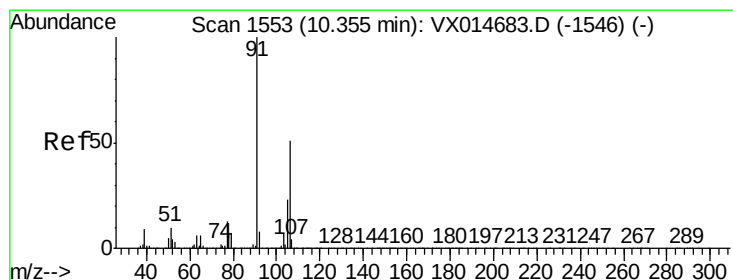
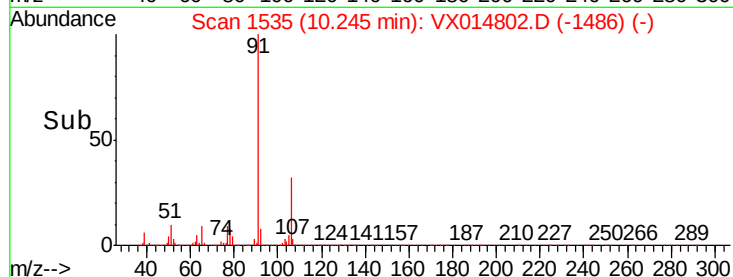
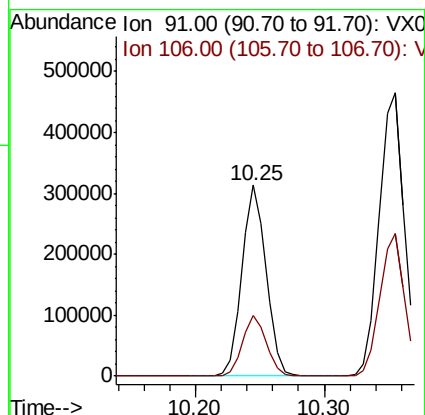
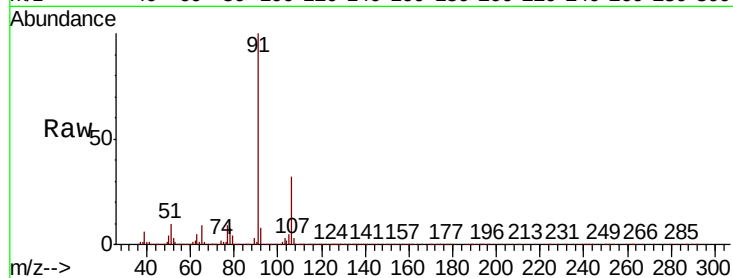




#67
Ethyl Benzene
Concen: 19.885 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014802.D
Acq: 04 Feb 2020 12:17

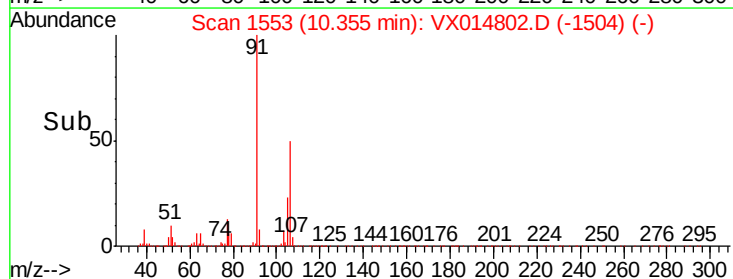
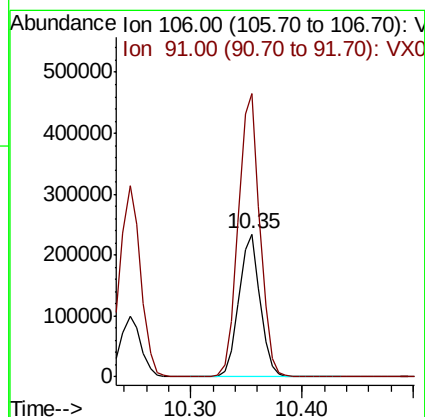
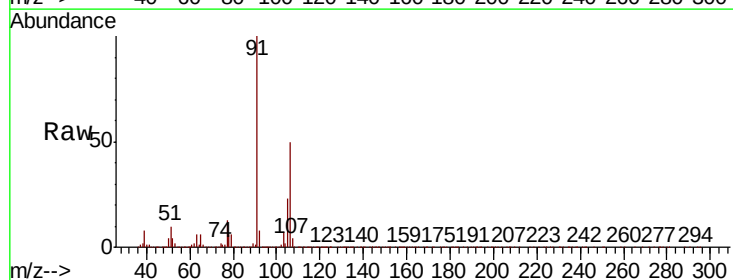
Instrument :
MSVOA_X
ClientSampleId :
VX0204WBS01

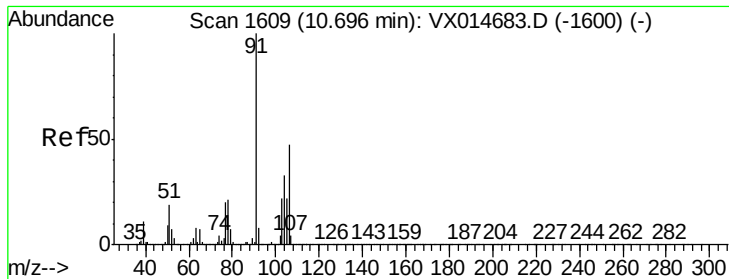
Tot Ion: 91 Resp: 405484
Ion Ratio Lower Upper
91 100
106 31.5 24.9 37.3



#68
m/p-Xylenes
Concen: 39.920 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014802.D
Acq: 04 Feb 2020 12:17

Tgt Ion: 106 Resp: 308385
Ion Ratio Lower Upper
106 100
91 201.7 159.4 239.2

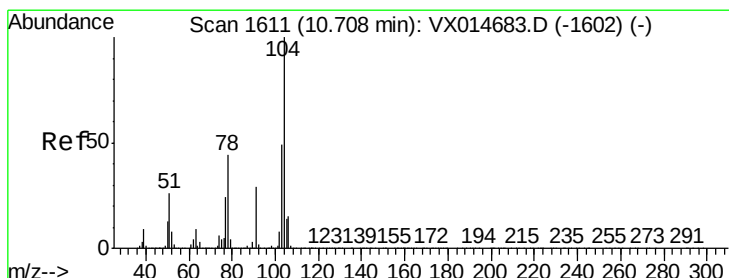
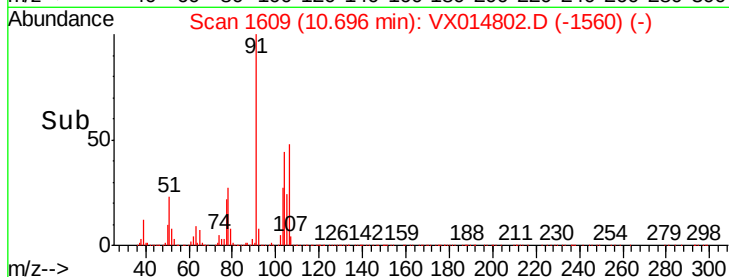
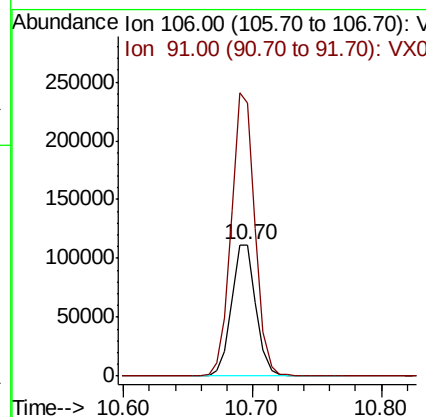
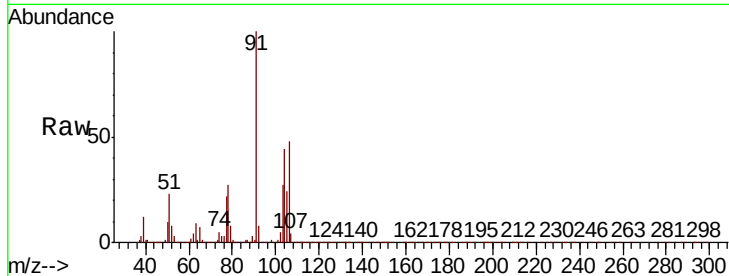




#69
o-Xylene
Concen: 20.004 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014802.D
Acq: 04 Feb 2020 12:17

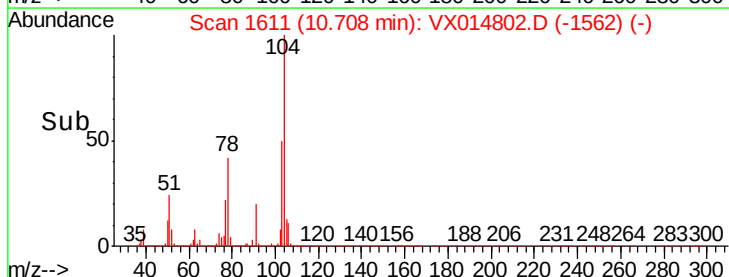
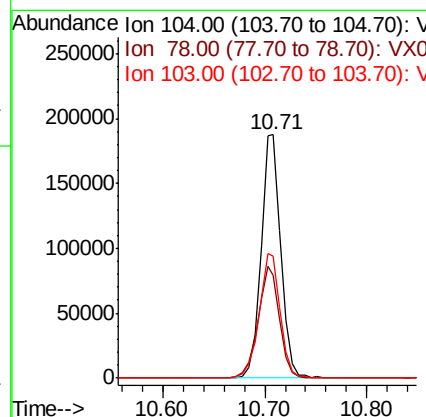
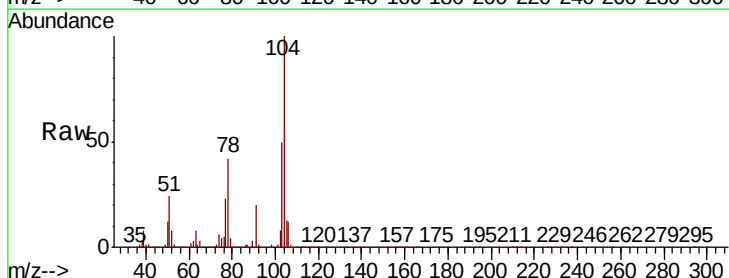
Instrument :
MSVOA_X
ClientSampled :
VX0204WBS01

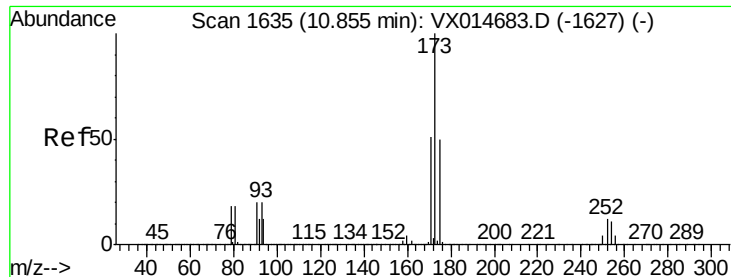
Tot Ion:106 Resp: 149188
Ion Ratio Lower Upper
106 100
91 208.8 106.2 318.6



#70
Styrene
Concen: 20.412 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014802.D
Acq: 04 Feb 2020 12:17

Tgt Ion:104 Resp: 255357
Ion Ratio Lower Upper
104 100
78 49.1 39.3 58.9
103 54.5 43.5 65.3

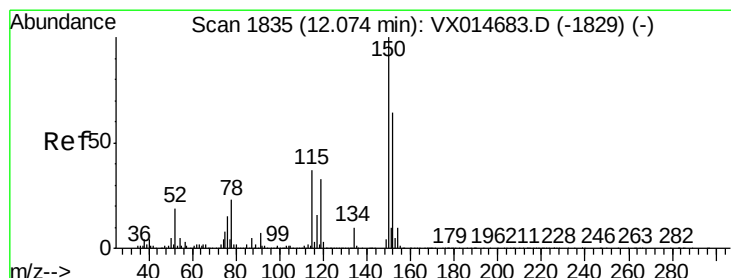
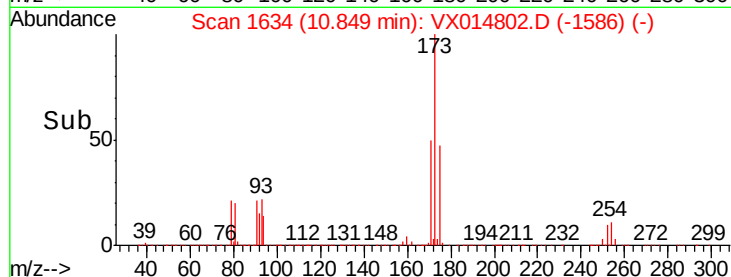
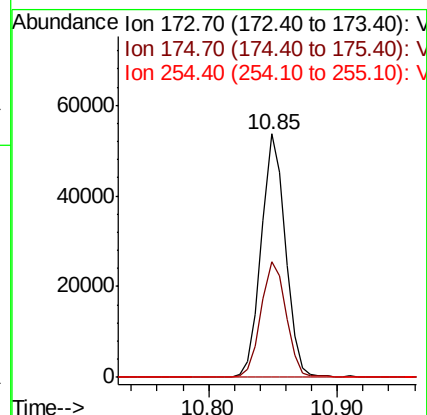
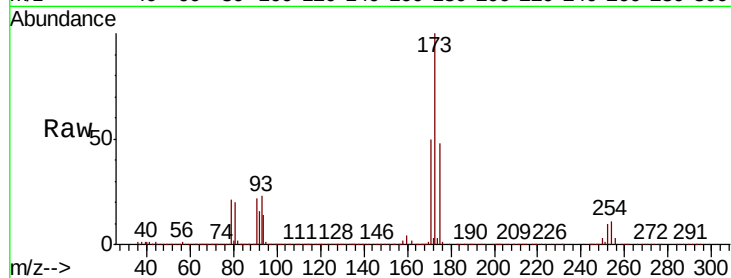




#71
Bromoform
Concen: 19.781 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VX014802.D
Acq: 04 Feb 2020 12:17

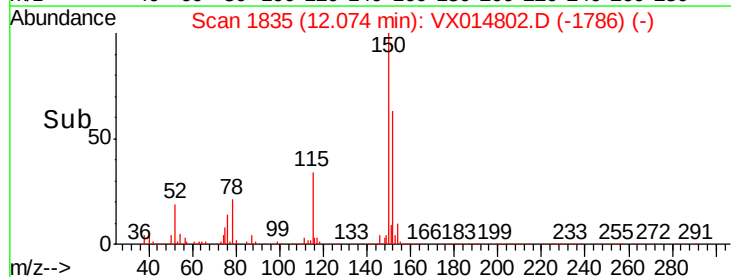
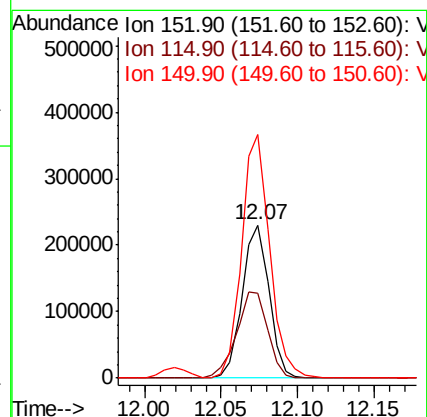
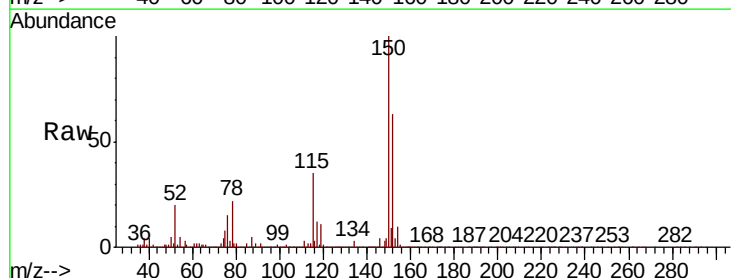
Instrument :
MSVOA_X
ClientSampleId :
VX0204WBS01

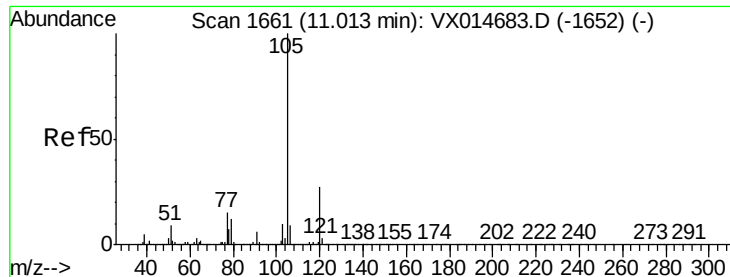
Tot Ion:173 Resp: 69265
Ion Ratio Lower Upper
173 100
175 49.9 24.6 73.6
254 0.1 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014802.D
Acq: 04 Feb 2020 12:17

Tgt Ion:152 Resp: 279057
Ion Ratio Lower Upper
152 100
115 65.5 39.4 118.1
150 166.2 0.0 351.2





#73

Isopropylbenzene

Concen: 20.644 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014802.D

Acq: 04 Feb 2020 12:17

Instrument :

MSVOA_X

ClientSampleId :

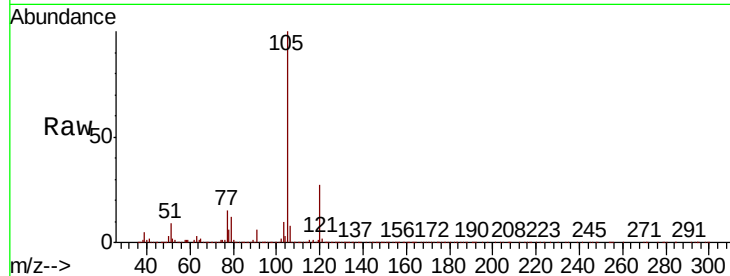
VX0204WBS01

Tot Ion:105 Resp: 405071

Ion Ratio Lower Upper

105 100

120 26.9 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.01

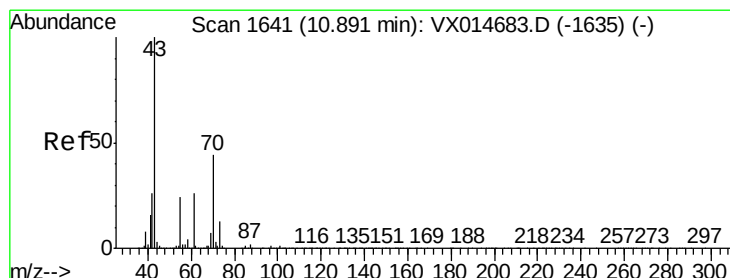
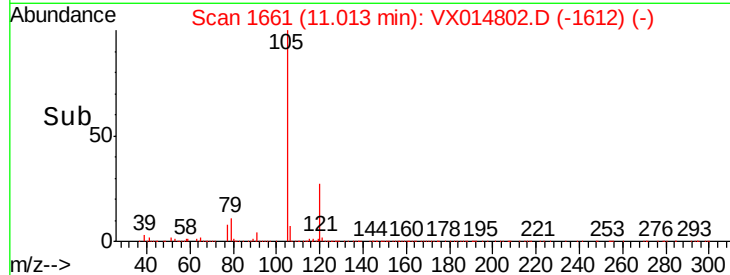
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 19.219 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014802.D

Acq: 04 Feb 2020 12:17

Tgt Ion: 43 Resp: 165252

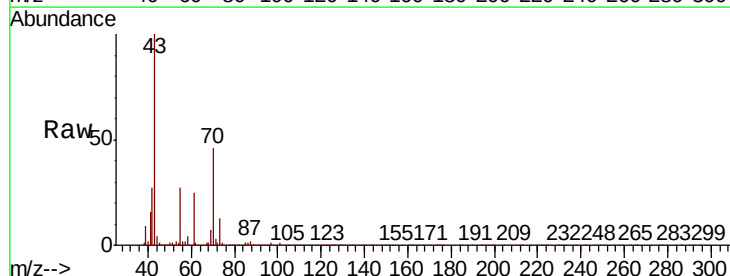
Ion Ratio Lower Upper

43 100

70 44.1 34.6 52.0

55 25.2 19.4 29.2

61 25.3 19.8 29.6



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

10.89

200000

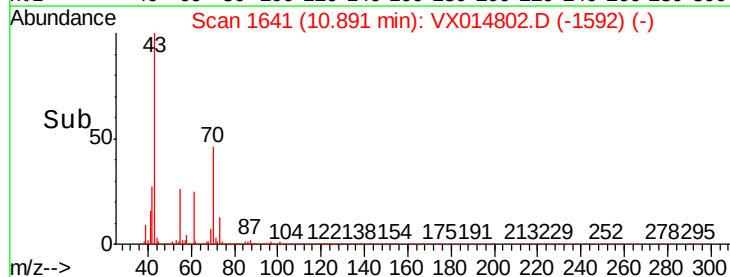
150000

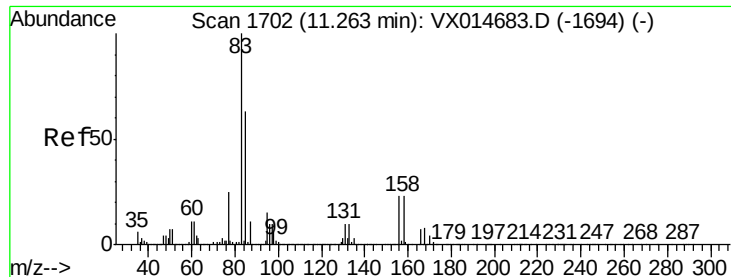
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 18.843 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014802.D

Acq: 04 Feb 2020 12:17

Instrument :

MSVOA_X

ClientSampled :

VX0204WBS01

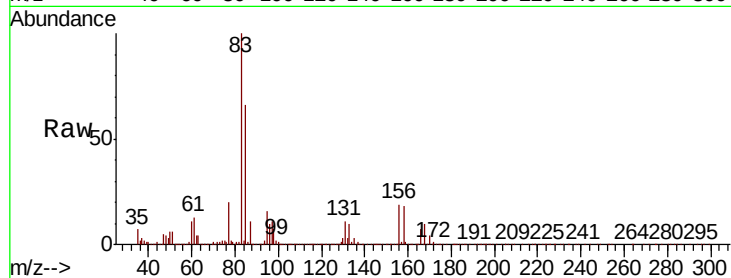
Tot Ion: 83 Resp: 132010

Ion Ratio Lower Upper

83 100

131 10.7 5.0 15.0

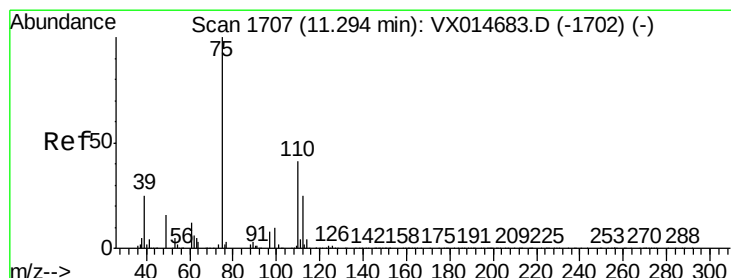
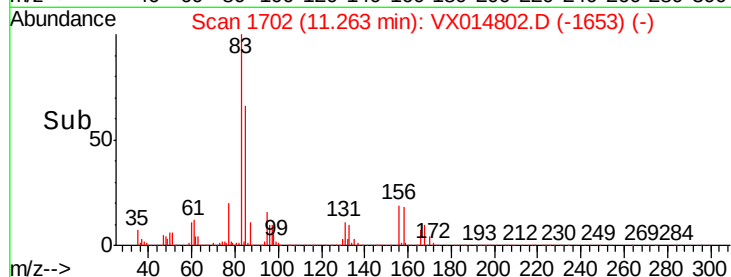
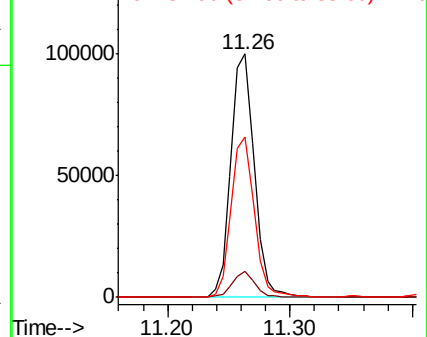
85 65.6 31.7 95.1



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: 23.158 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014802.D

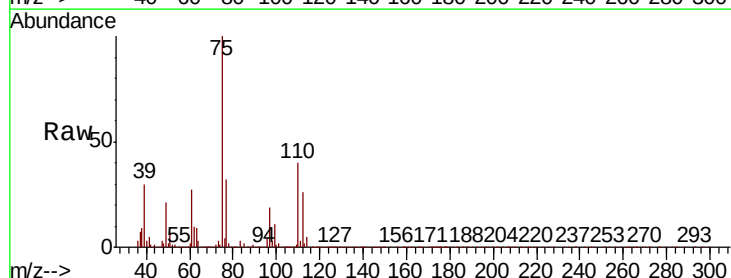
Acq: 04 Feb 2020 12:17

Tgt Ion: 75 Resp: 150351

Ion Ratio Lower Upper

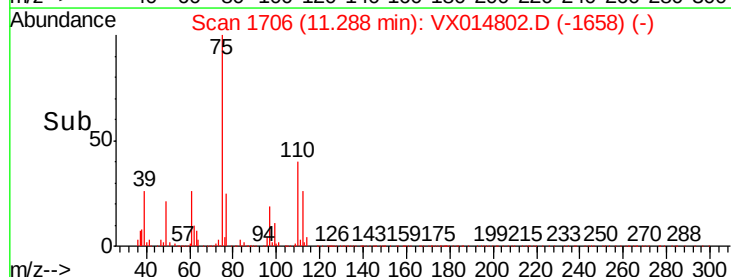
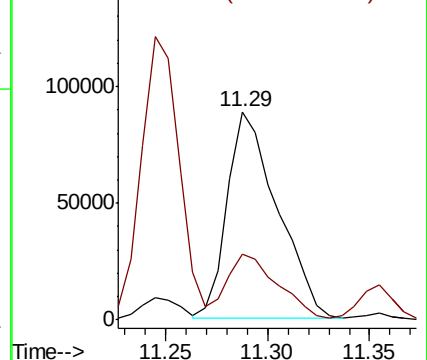
75 100

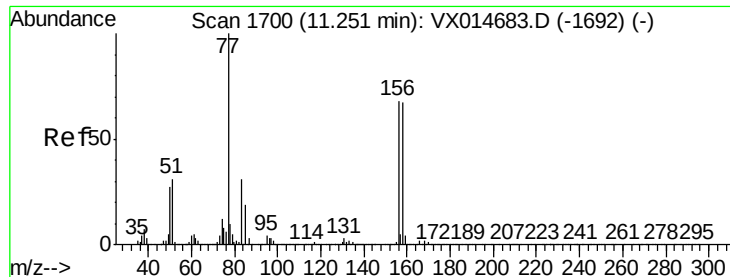
77 32.5 18.7 56.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.655 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014802.D

Acq: 04 Feb 2020 12:17

Instrument :

MSVOA_X

ClientSampleId :

VX0204WBS01

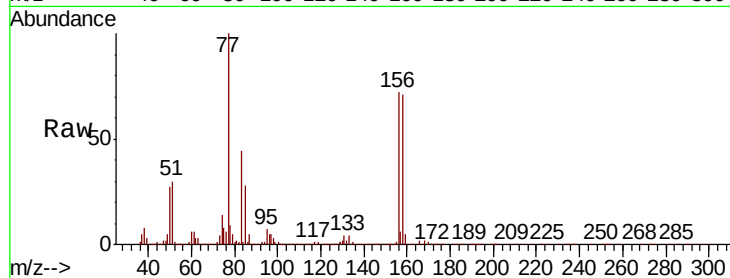
Tot Ion:156 Resp: 103606

Ion Ratio Lower Upper

156 100

77 151.5 77.5 232.5

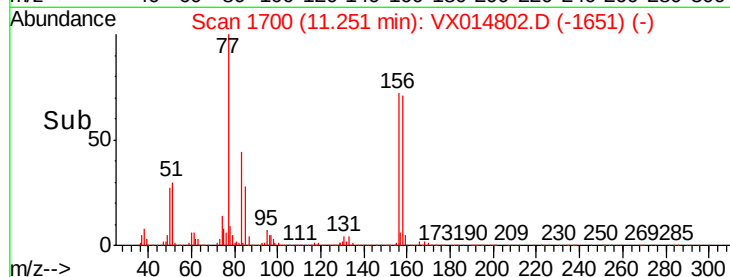
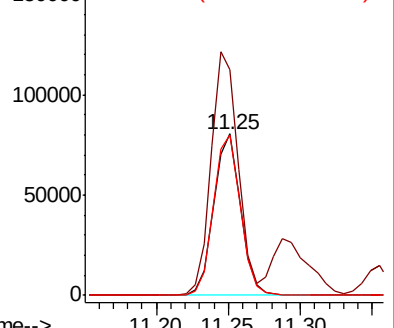
158 100.0 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.391 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014802.D

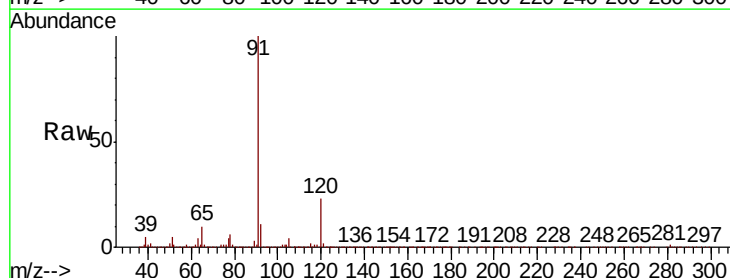
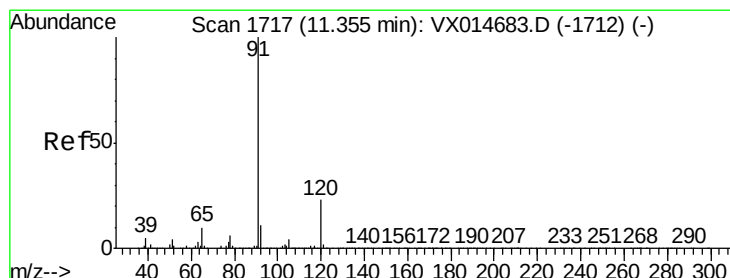
Acq: 04 Feb 2020 12:17

Tgt Ion: 91 Resp: 454149

Ion Ratio Lower Upper

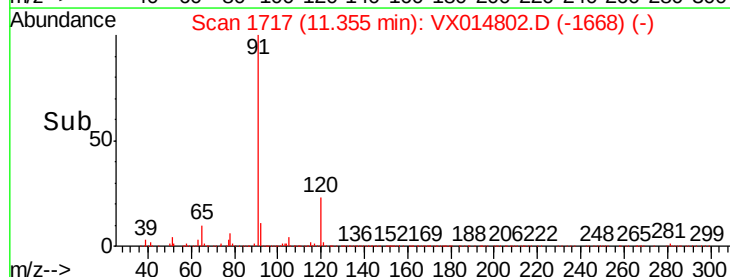
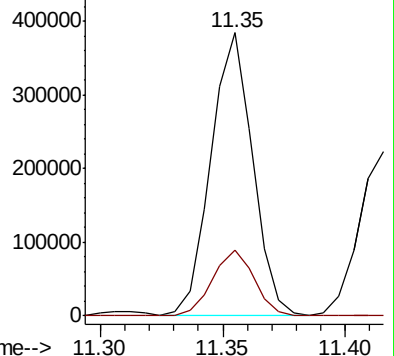
91 100

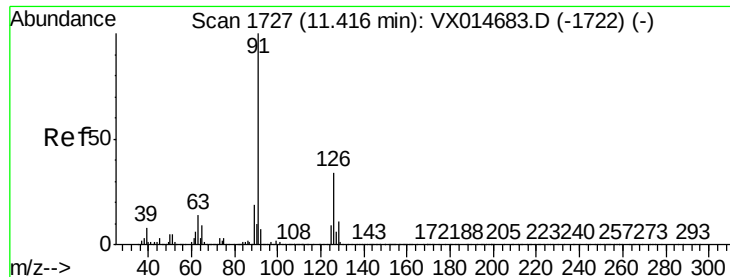
120 23.3 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

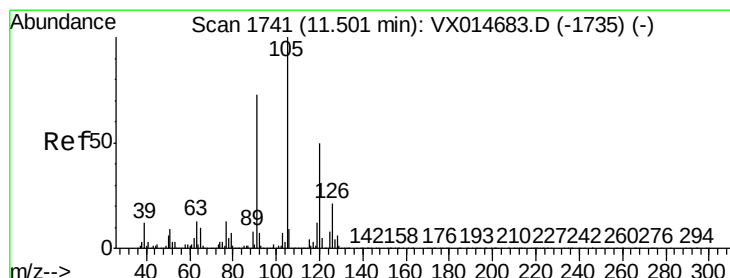
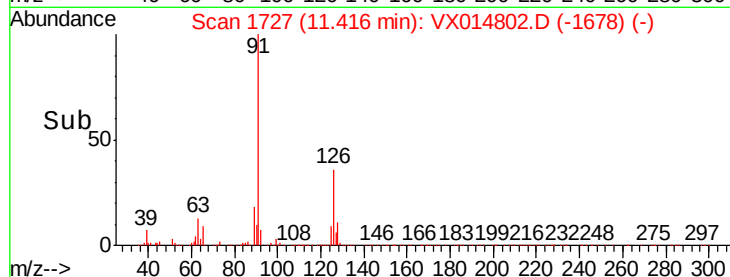
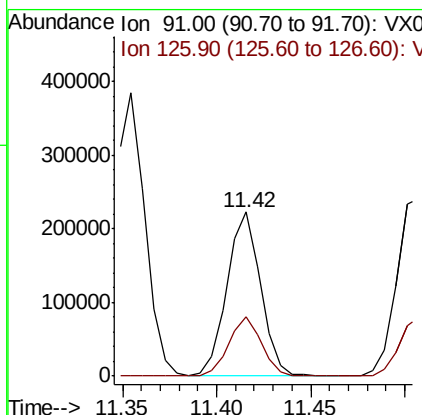
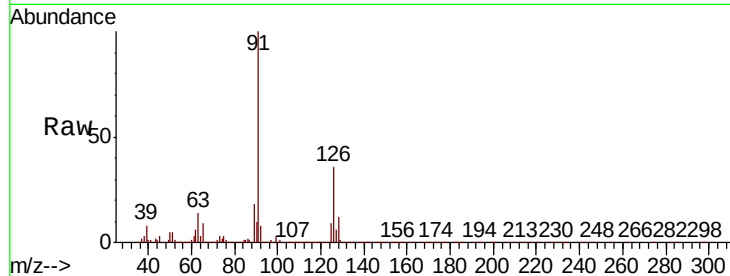




#79
 2-Chlorotoluene
 Concen: 20.342 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX014802.D
 Acq: 04 Feb 2020 12:17

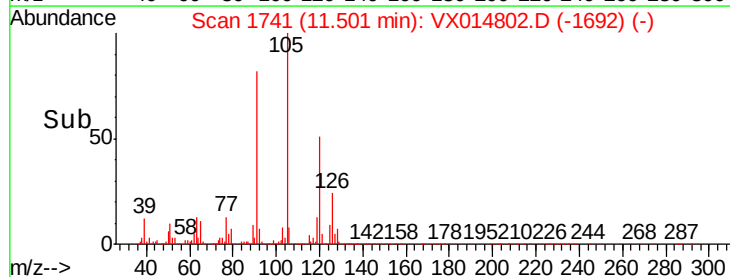
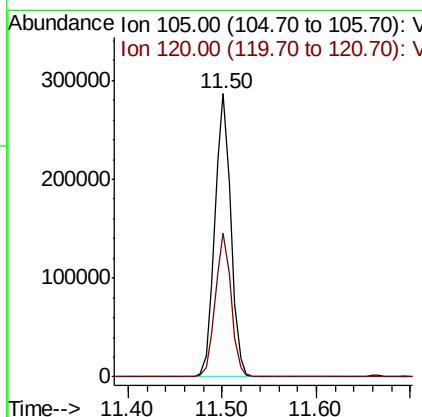
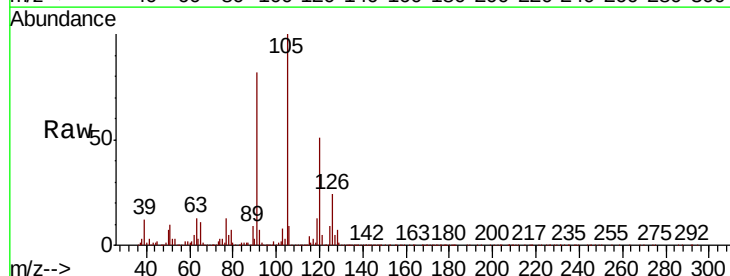
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0204WBS01

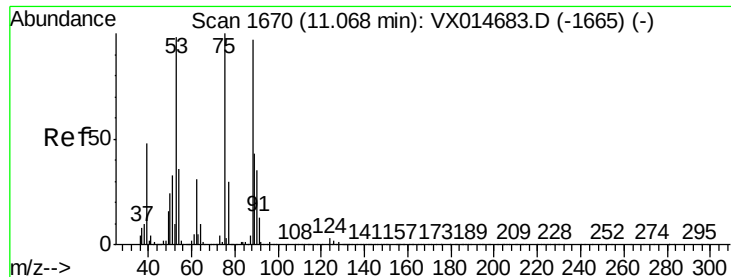
Tot Ion: 91 Resp: 274129
 Ion Ratio Lower Upper
 91 100
 126 35.2 17.3 51.9



#80
 1,3,5-Trimethylbenzene
 Concen: 20.653 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX014802.D
 Acq: 04 Feb 2020 12:17

Tgt Ion: 105 Resp: 336339
 Ion Ratio Lower Upper
 105 100
 120 50.1 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 18.375 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014802.D

Acq: 04 Feb 2020 12:17

Instrument :

MSVOA_X

ClientSampled :

VX0204WBS01

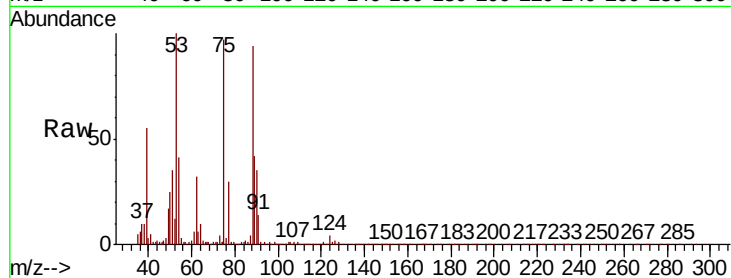
Tot Ion: 75 Resp: 41920

Ion Ratio Lower Upper

75 100

53 105.1 78.8 118.2

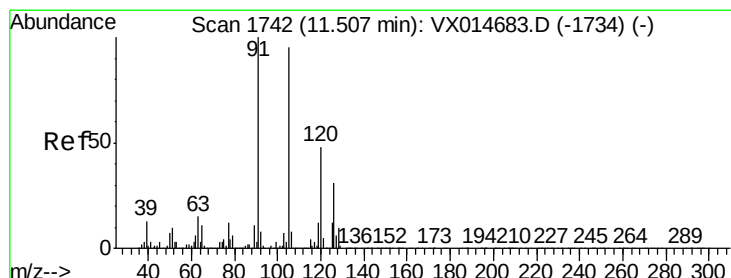
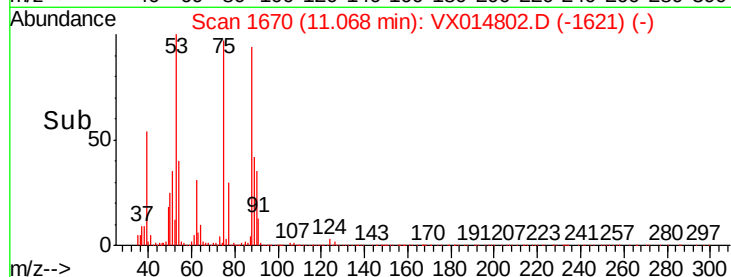
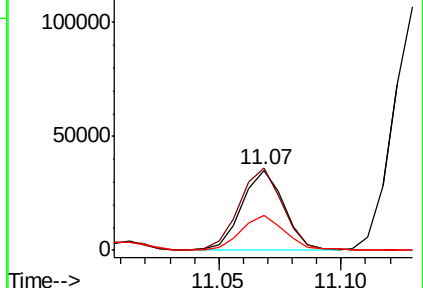
89 46.5 35.4 53.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 20.232 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX014802.D

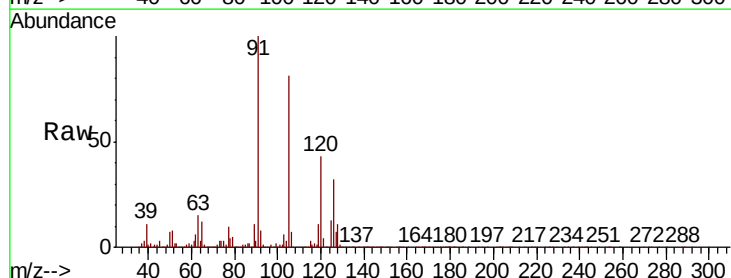
Acq: 04 Feb 2020 12:17

Tgt Ion: 91 Resp: 310398

Ion Ratio Lower Upper

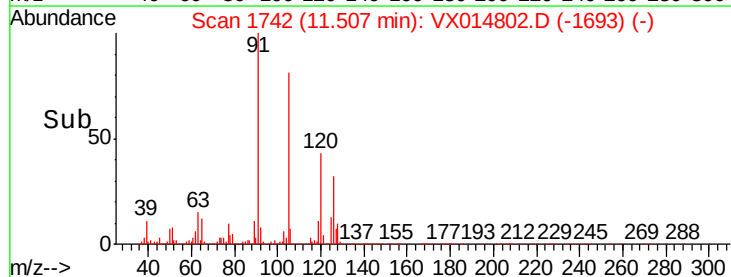
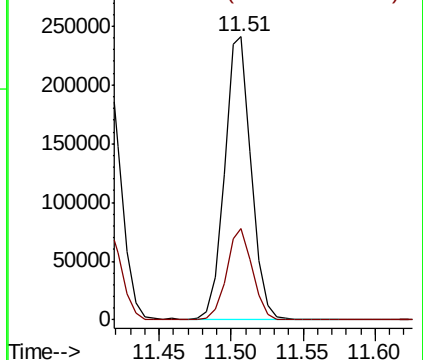
91 100

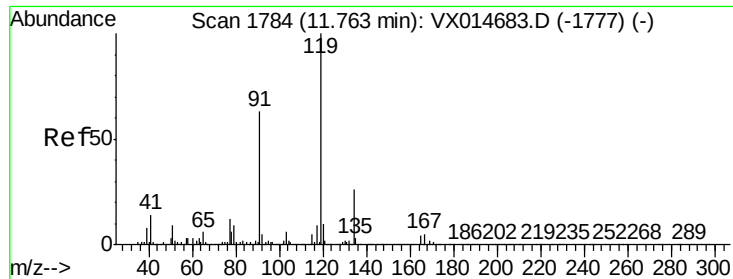
126 31.5 15.4 46.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

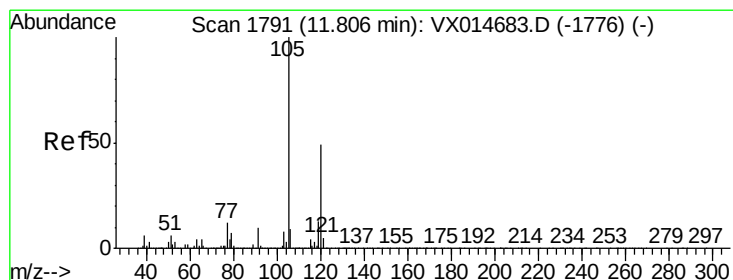
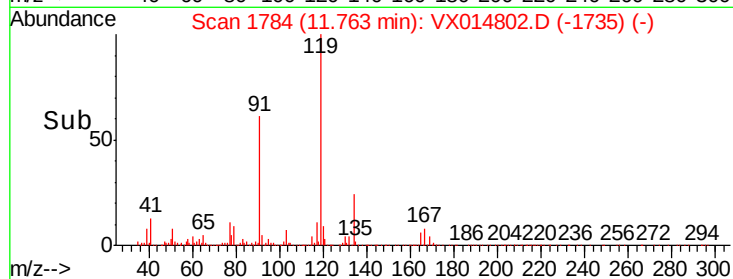
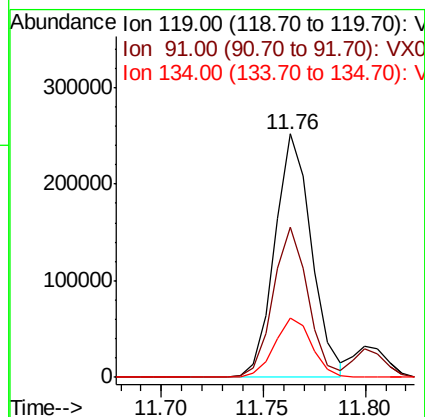
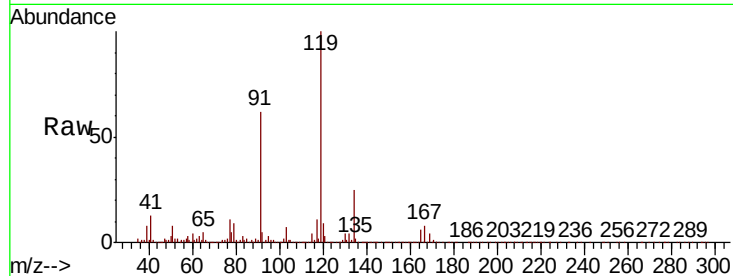




#83
tert-Butylbenzene
Concen: 20.683 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014802.D
Acq: 04 Feb 2020 12:17

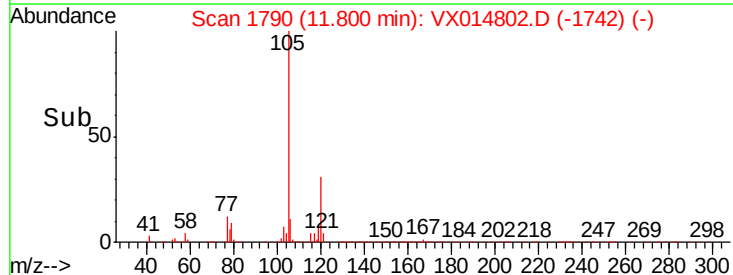
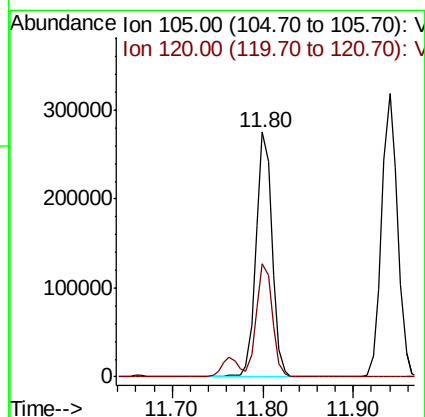
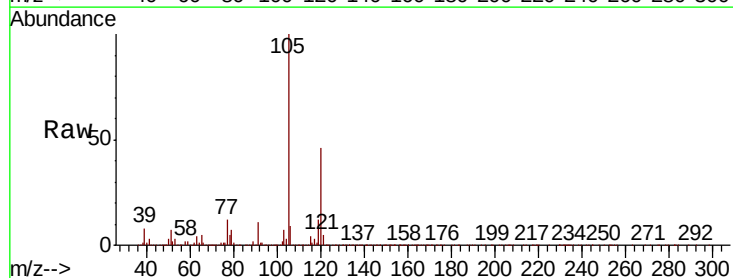
Instrument :
MSVOA_X
ClientSampleId :
VX0204WBS01

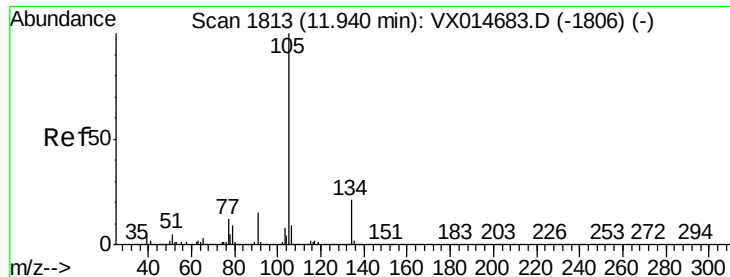
Tot Ion:119 Resp: 316502
Ion Ratio Lower Upper
119 100
91 58.6 30.0 90.0
134 24.8 12.7 38.0



#84
1,2,4-Trimethylbenzene
Concen: 20.634 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX014802.D
Acq: 04 Feb 2020 12:17

Tgt Ion:105 Resp: 337056
Ion Ratio Lower Upper
105 100
120 45.6 23.4 70.0





#85

sec-Butylbenzene

Concen: 20.650 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014802.D

Acq: 04 Feb 2020 12:17

Instrument :

MSVOA_X

ClientSampled :

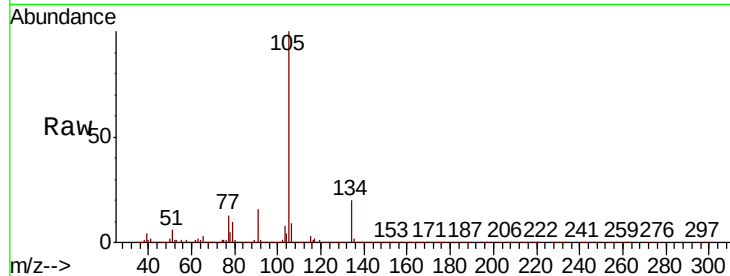
VX0204WBS01

Tot Ion:105 Resp: 387119

Ion Ratio Lower Upper

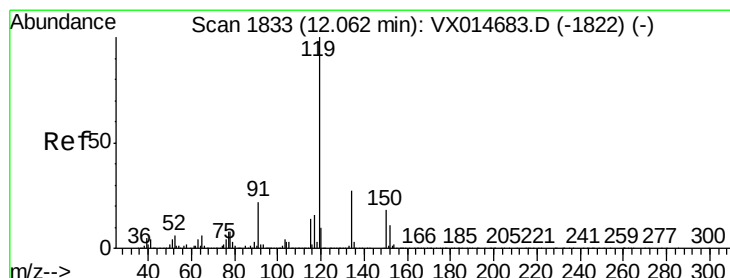
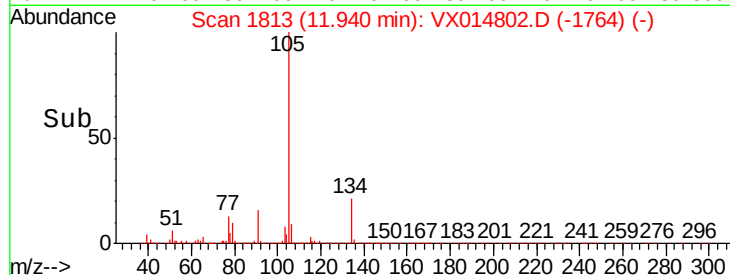
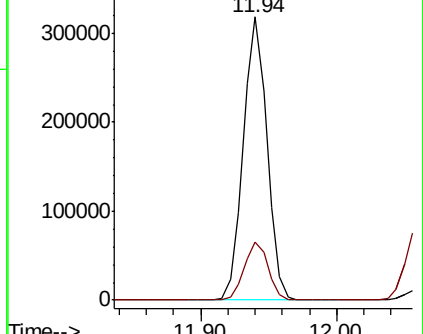
105 100

134 20.7 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.565 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014802.D

Acq: 04 Feb 2020 12:17

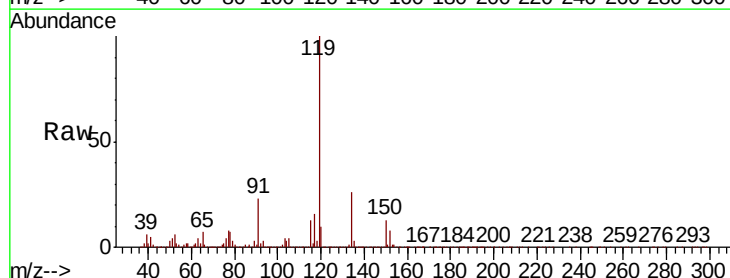
Tgt Ion:119 Resp: 356284

Ion Ratio Lower Upper

119 100

134 26.3 13.5 40.4

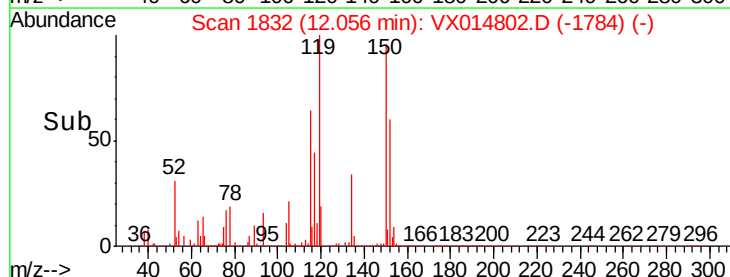
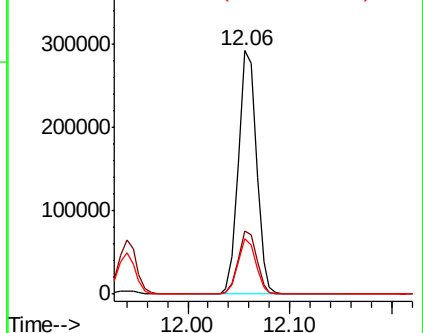
91 22.4 11.3 33.8

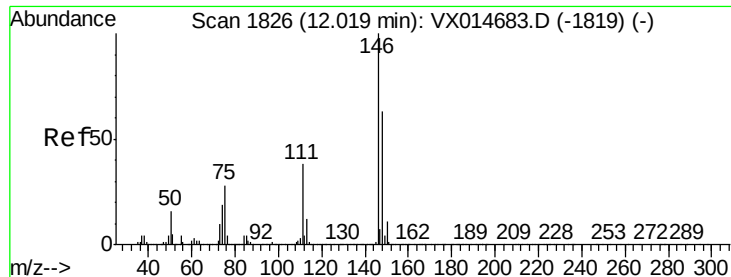


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 19.783 ug/l

RT: 12.02 min Scan# 1826

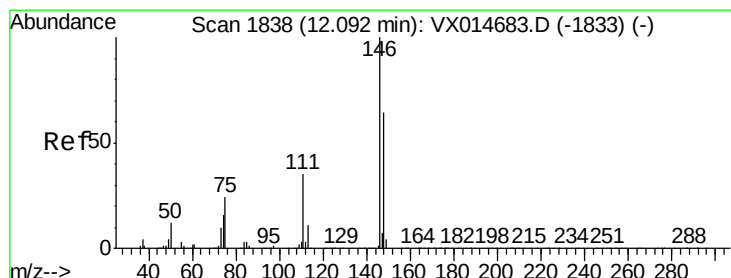
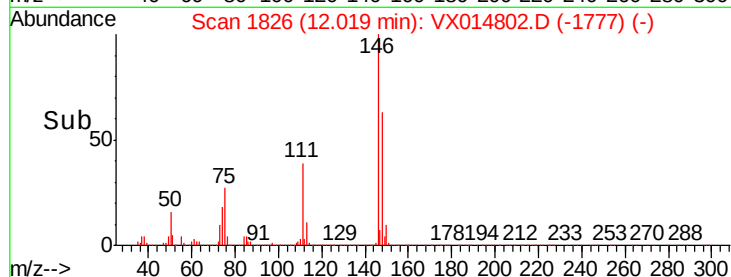
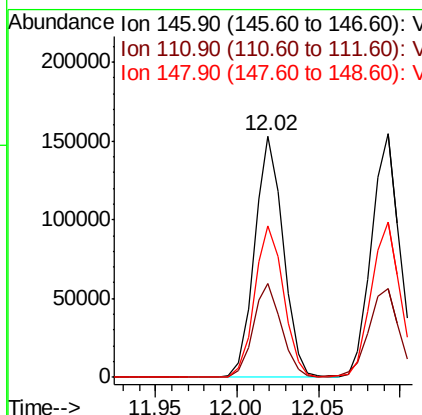
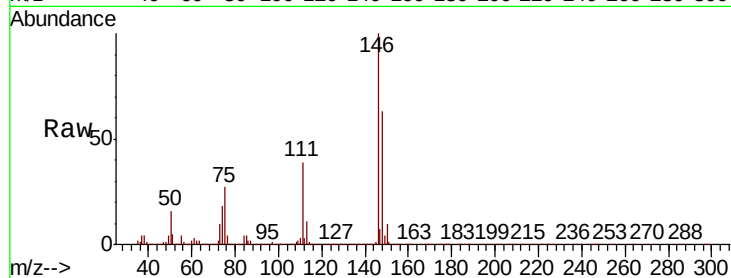
Delta R.T. 0.00 min

Lab File: VX014802.D

Acq: 04 Feb 2020 12:17

Instrument :
MSVOA_X
ClientSampleId :
VX0204WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.0	57.0
148	63.8	31.6	95.0



#88

1,4-Dichlorobenzene

Concen: 19.650 ug/l

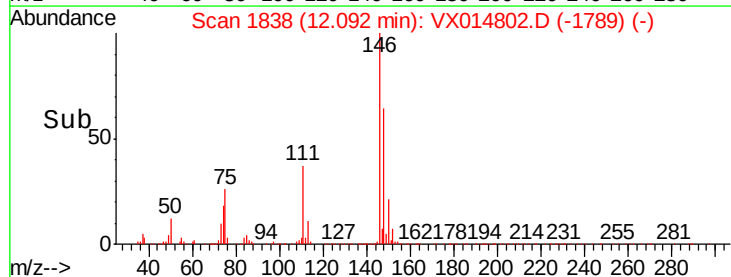
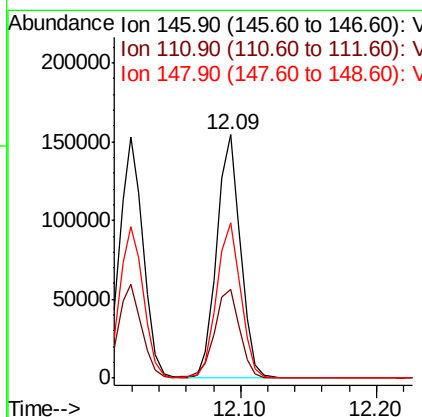
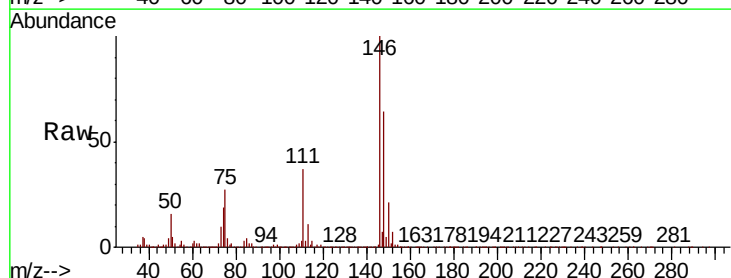
RT: 12.09 min Scan# 1838

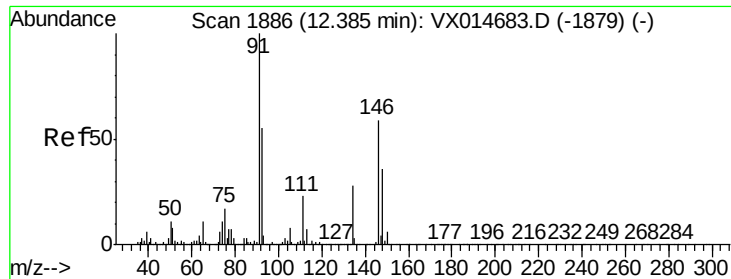
Delta R.T. 0.00 min

Lab File: VX014802.D

Acq: 04 Feb 2020 12:17

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.0	18.6	55.8
148	65.0	32.0	96.2

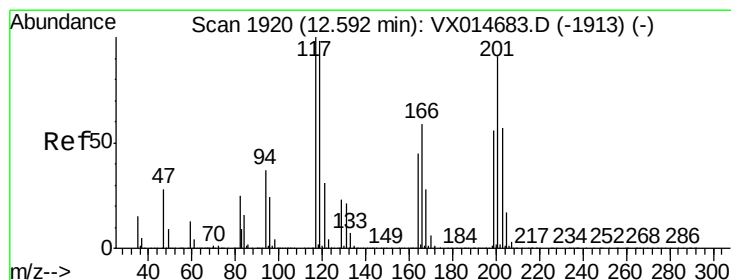
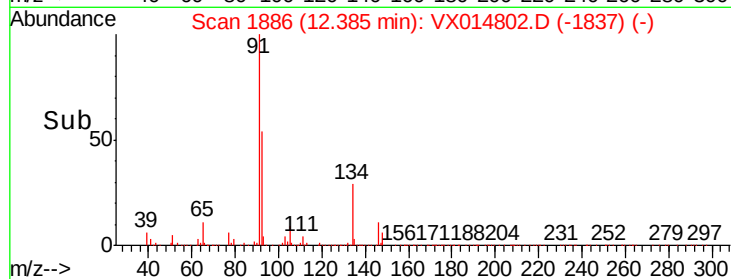
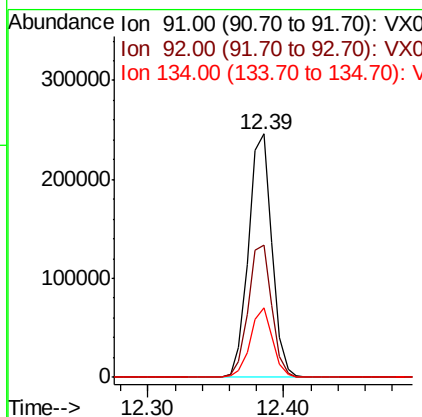
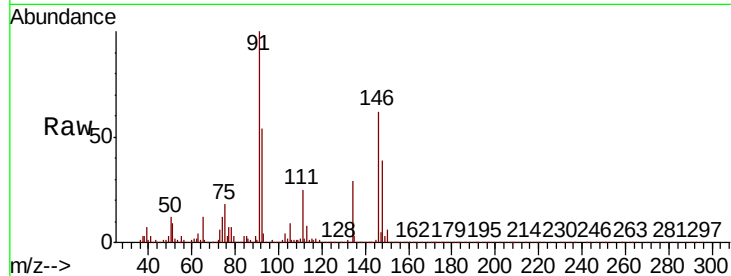




#89
n-Butylbenzene
Concen: 19.642 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014802.D
Acq: 04 Feb 2020 12:17

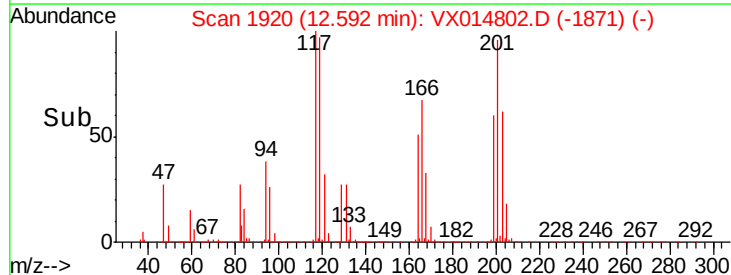
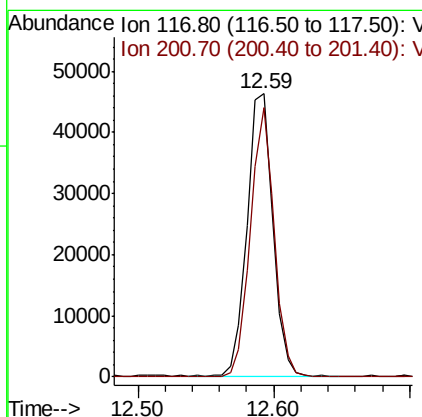
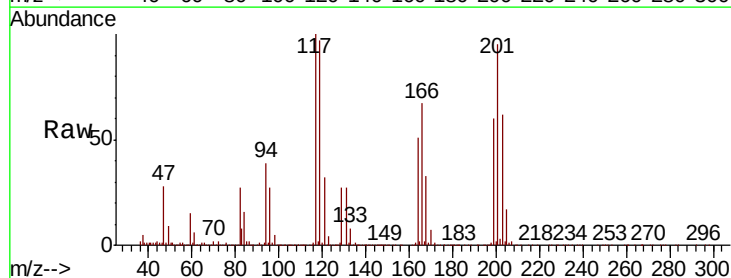
Instrument :
MSVOA_X
ClientSampleId :
VX0204WBS01

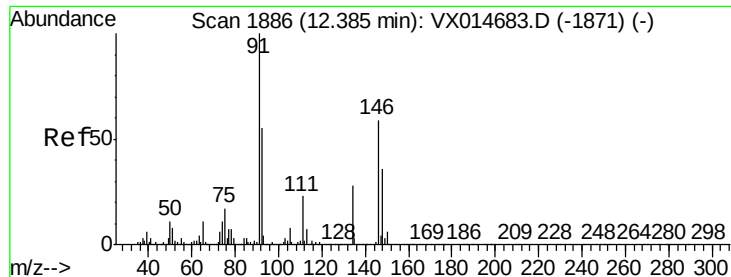
Tot Ion: 91 Resp: 296379
Ion Ratio Lower Upper
91 100
92 54.8 27.6 82.7
134 27.3 13.3 39.8



#90
Hexachloroethane
Concen: 19.183 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014802.D
Acq: 04 Feb 2020 12:17

Tgt Ion: 117 Resp: 61730
Ion Ratio Lower Upper
117 100
201 87.6 44.4 133.1

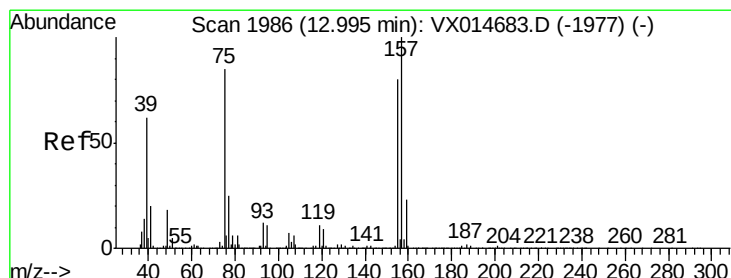
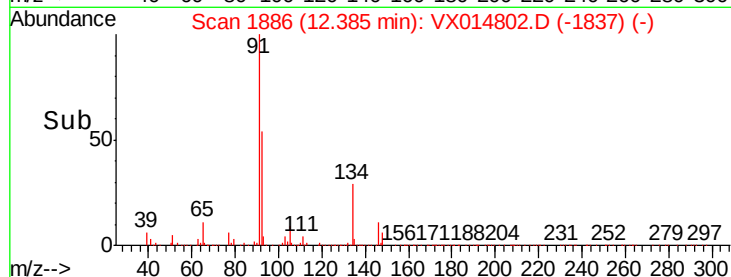
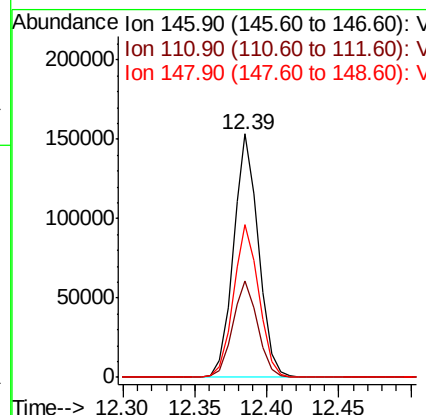
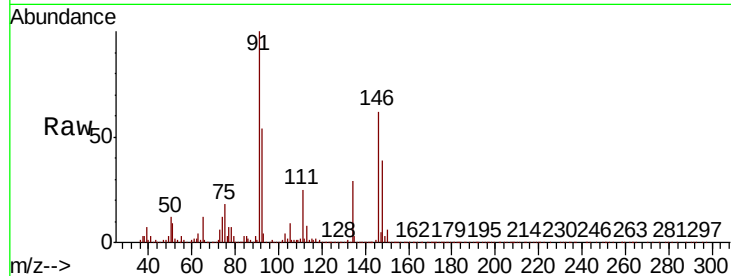




#91
 1,2-Dichlorobenzene
 Concen: 19.739 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014802.D
 Acq: 04 Feb 2020 12:17

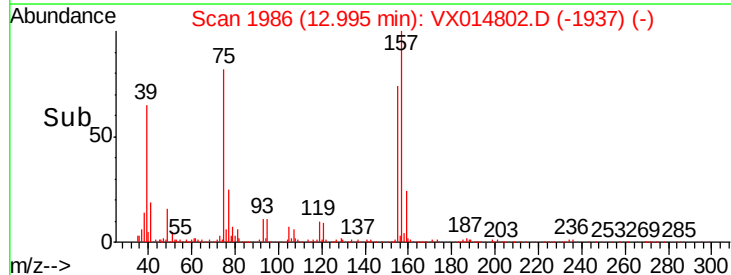
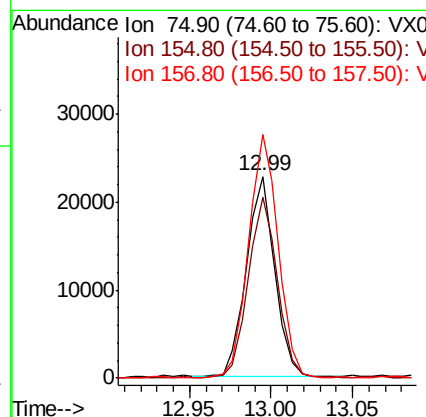
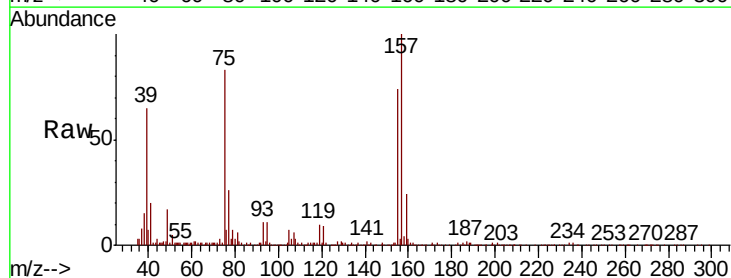
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0204WBS01

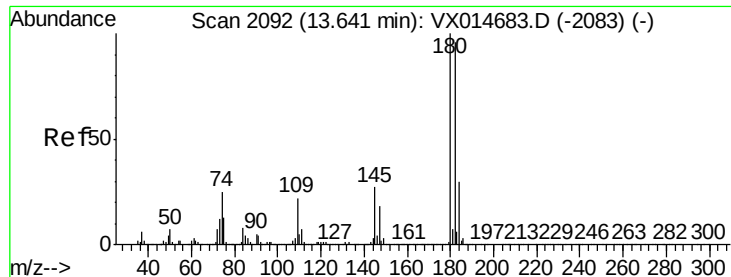
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	19.6	58.8
148	64.0	31.9	95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.532 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014802.D
 Acq: 04 Feb 2020 12:17

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.4	45.6	136.9
157	124.6	60.3	180.9

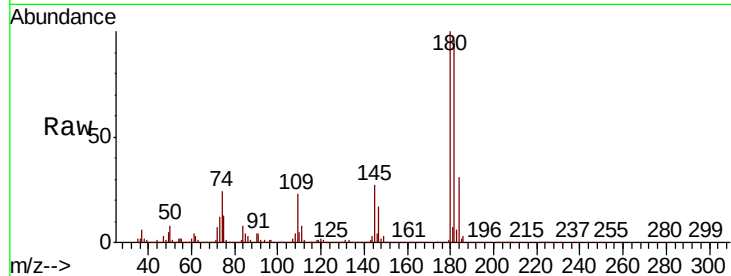




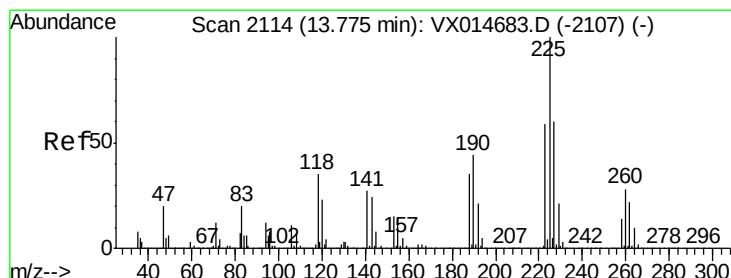
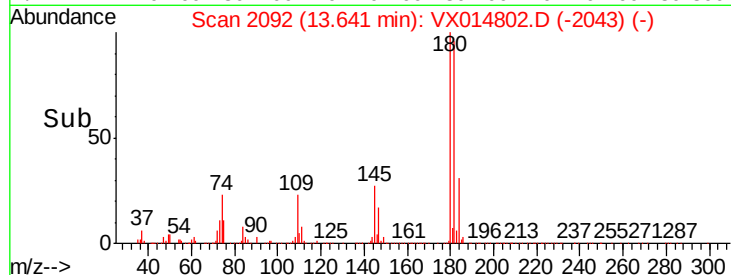
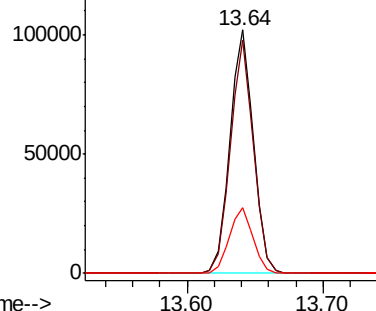
#93
 1,2,4-Trichlorobenzene
 Concen: 20.445 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014802.D
 Acq: 04 Feb 2020 12:17

Instrument :
 MSVOA_X
 ClientSampled :
 VX0204WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.3	48.5	145.6
145	27.1	14.0	41.9

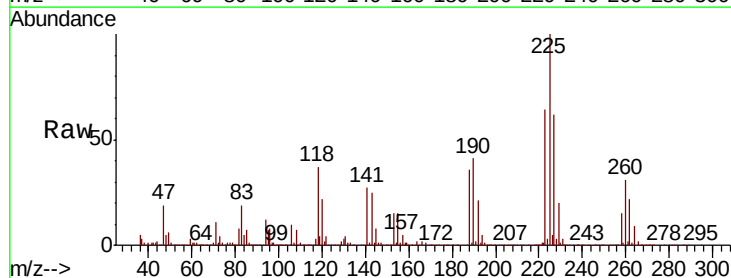


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

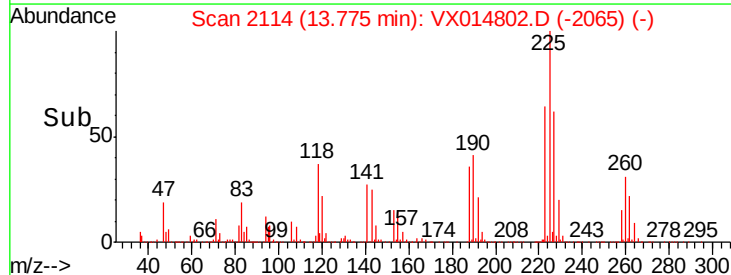
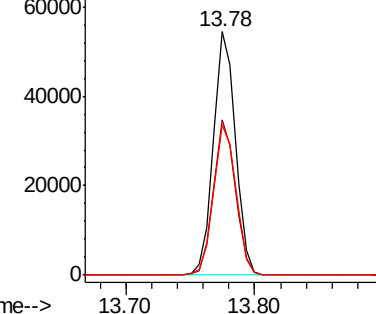


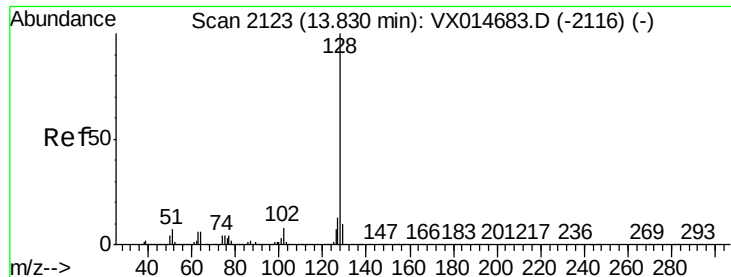
#94
 Hexachlorobutadiene
 Concen: 20.658 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014802.D
 Acq: 04 Feb 2020 12:17

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	30.6	91.8
227	62.8	31.4	94.0



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

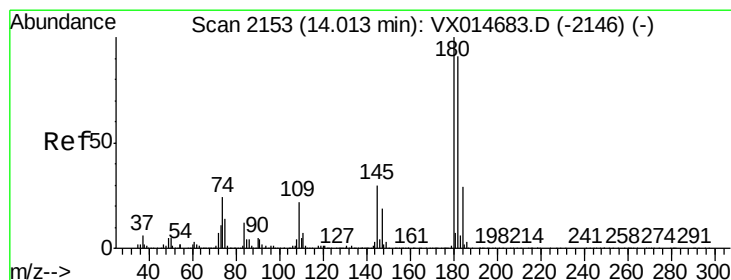
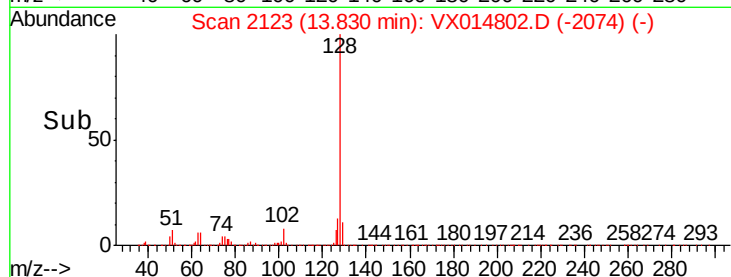
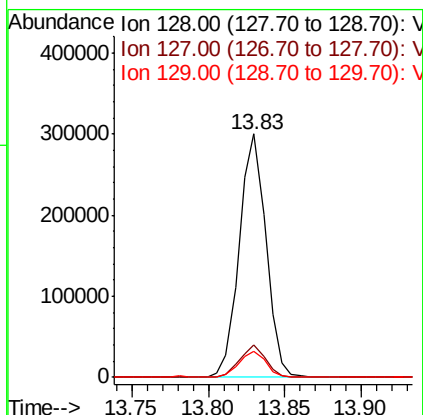
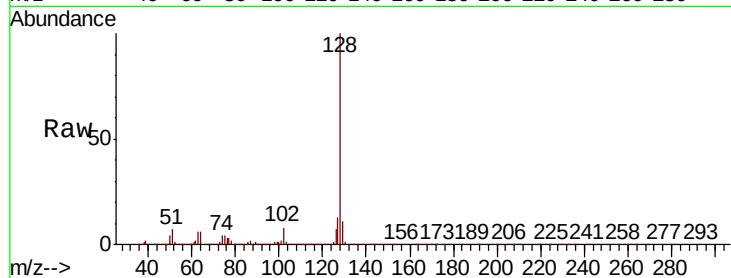




#95
Naphthalene
Concen: 19.217 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014802.D
Acq: 04 Feb 2020 12:17

Instrument :
MSVOA_X
ClientSampleId :
VX0204WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	10.7	8.6	12.8



#96
1,2,3-Trichlorobenzene
Concen: 20.739 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014802.D
Acq: 04 Feb 2020 12:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	46.6	139.7
145	30.1	14.7	44.1

