

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121319\
 Data File : VX014008.D
 Acq On : 13 Dec 2019 15:12
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Dec 13 16:36:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 13 16:34:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	545654	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	828804	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	741012	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	367559	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	33805	5.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.66%	
35) Dibromofluoromethane	5.49	113	26664	5.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.36%	
50) Toluene-d8	8.71	98	102565	5.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.18%	
62) 4-Bromofluorobenzene	11.14	95	36096	4.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.92%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.19	85	24364	4.177	ug/l	95
3) Chloromethane	1.32	50	32958	4.882	ug/l	98
4) Vinyl Chloride	1.40	62	33048	4.426	ug/l	96
5) Bromomethane	1.62	94	28015	5.484	ug/l	98
6) Chloroethane	1.70	64	22012	5.056	ug/l	90
7) Trichlorofluoromethane	1.91	101	41691	4.878	ug/l	97
8) Diethyl Ether	2.18	74	20281	5.251	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	26670	5.131	ug/l	99
10) Methyl Iodide	2.50	142	23278	3.687	ug/l #	93
11) Tert butyl alcohol	3.06	59	40816	26.858	ug/l	95
12) 1,1-Dichloroethene	2.36	96	26582	5.128	ug/l	97
13) Acrolein	2.28	56	18499	20.678	ug/l	97
14) Allyl chloride	2.72	41	44423	4.726	ug/l	92
15) Acrylonitrile	3.13	53	80244	25.111	ug/l	98
16) Acetone	2.44	43	90499	27.556	ug/l	99
17) Carbon Disulfide	2.56	76	73698	4.977	ug/l	100
18) Methyl Acetate	2.76	43	38611	4.546	ug/l	94
19) Methyl tert-butyl Ether	3.19	73	85734	4.983	ug/l	99
20) Methylene Chloride	2.84	84	32935	5.469	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	29051	5.135	ug/l	98
22) Diisopropyl ether	3.84	45	94564	5.200	ug/l	93
23) Vinyl Acetate	3.80	43	382949	25.363	ug/l	99
24) 1,1-Dichloroethane	3.69	63	51625	5.193	ug/l	98
25) 2-Butanone	4.67	43	122725	26.185	ug/l	99
26) 2,2-Dichloropropane	4.57	77	37559	4.585	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	31265	4.815	ug/l	93
28) Bromochloromethane	5.01	49	12112	3.451	ug/l	92
29) Tetrahydrofuran	5.12	42	67887	24.029	ug/l	95
30) Chloroform	5.20	83	48299	4.800	ug/l	95
31) Cyclohexane	5.56	56	46374	4.935	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	40943	4.872	ug/l	99
36) 1,1-Dichloropropene	5.79	75	37031	4.919	ug/l	98
37) Ethyl Acetate	4.83	43	41790	4.976	ug/l	99
38) Carbon Tetrachloride	5.77	117	32620	4.697	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121319\
 Data File : VX014008.D
 Acq On : 13 Dec 2019 15:12
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Dec 13 16:36:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 13 16:34:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	44709	4.796	ug/l	98
40) Benzene	6.13	78	117634	5.119	ug/l	98
41) Methacrylonitrile	5.04	41	21299	4.646	ug/l #	58
42) 1,2-Dichloroethane	6.19	62	41725	5.333	ug/l	97
43) Isopropyl Acetate	6.43	43	68104	4.909	ug/l	97
44) Trichloroethene	7.20	130	32022	5.096	ug/l	93
45) 1,2-Dichloropropane	7.51	63	30292	5.259	ug/l	100
46) Dibromomethane	7.65	93	18520	4.751	ug/l	95
47) Bromodichloromethane	7.89	83	34707	4.711	ug/l	96
48) Methyl methacrylate	7.76	41	31789	4.726	ug/l	95
49) 1,4-Dioxane	7.74	88	15607	105.356	ug/l #	88
51) 4-Methyl-2-Pentanone	8.64	43	225793	25.920	ug/l	97
52) Toluene	8.78	92	73375	5.133	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	35229	4.203	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	41221	4.498	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	28600	4.972	ug/l	97
56) Ethyl methacrylate	9.17	69	43557	4.702	ug/l	99
57) 1,3-Dichloropropane	9.37	76	49837	5.020	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.31	63	86243	23.748	ug/l	99
59) 2-Hexanone	9.49	43	174409	25.443	ug/l	98
60) Dibromochloromethane	9.57	129	26591	4.470	ug/l	99
61) 1,2-Dibromoethane	9.67	107	28498	4.644	ug/l	92
64) Tetrachloroethene	9.33	164	30947	5.412	ug/l	98
65) Chlorobenzene	10.14	112	79345	5.128	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	26889	4.854	ug/l	98
67) Ethyl Benzene	10.25	91	133408	5.024	ug/l	97
68) m/p-Xylenes	10.36	106	102703	10.088	ug/l	98
69) o-Xylene	10.70	106	51045	5.141	ug/l	99
70) Styrene	10.71	104	79726	4.760	ug/l	95
71) Bromoform	10.85	173	19246	4.212	ug/l #	100
73) Isopropylbenzene	11.01	105	131468	5.092	ug/l	99
74) N-amyl acetate	10.89	43	58191	4.920	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	46256	5.175	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	49171	5.973	ug/l	90
77) Bromobenzene	11.25	156	35322	5.076	ug/l	98
78) n-propylbenzene	11.35	91	138951	4.813	ug/l	100
79) 2-Chlorotoluene	11.42	91	87285	5.026	ug/l	97
80) 1,3,5-Trimethylbenzene	11.50	105	107560	5.069	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	11240	3.743	ug/l #	80
82) 4-Chlorotoluene	11.51	91	100237	4.999	ug/l	99
83) tert-Butylbenzene	11.77	119	107592	5.033	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	107624	5.001	ug/l	100
85) sec-Butylbenzene	11.94	105	121785	4.950	ug/l	99
86) p-Isopropyltoluene	12.06	119	112360	4.916	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	61034	5.022	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	62413	5.035	ug/l	95
89) n-Butylbenzene	12.39	91	87635	4.490	ug/l	99
90) Hexachloroethane	12.59	117	18579	4.485	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	63473	5.270	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	9746	5.056	ug/l	93

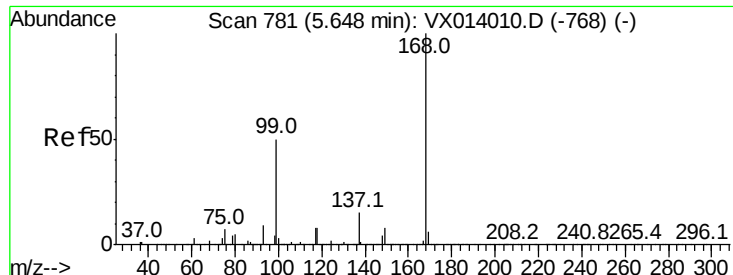
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121319\
Data File : VX014008.D
Acq On : 13 Dec 2019 15:12
Operator : JC/SP
Sample : VSTDICC005
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Quant Time: Dec 13 16:36:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 13 16:34:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	36670	4.408	ug/l	97
94) Hexachlorobutadiene	13.78	225	18145	4.507	ug/l	96
95) Naphthalene	13.83	128	104752	4.239	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	37168	4.492	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX014008.D

Acq: 13 Dec 2019 15:12

Instrument :

MSVOA_X

ClientSampleId :

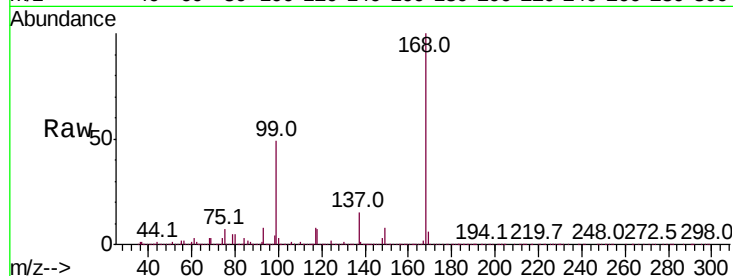
VSTDIC005

Tot Ion:168 Resp: 545654

Ion Ratio Lower Upper

168 100

99 49.1 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

150000

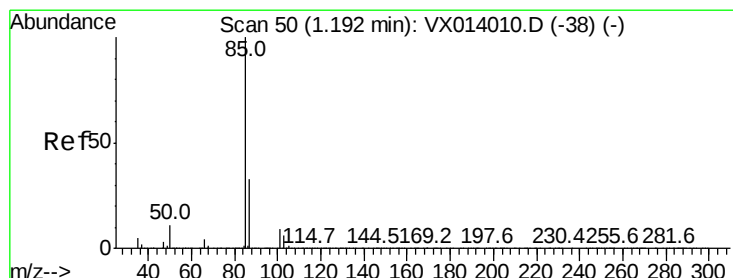
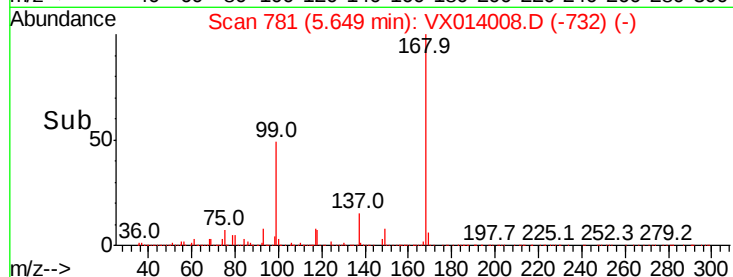
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 4.177 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.01 min

Lab File: VX014008.D

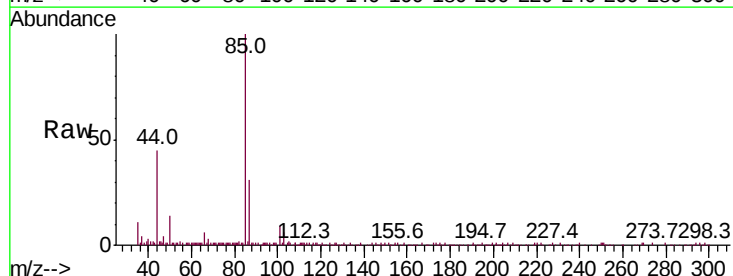
Acq: 13 Dec 2019 15:12

Tgt Ion: 85 Resp: 24364

Ion Ratio Lower Upper

85 100

87 30.2 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

25000

20000

15000

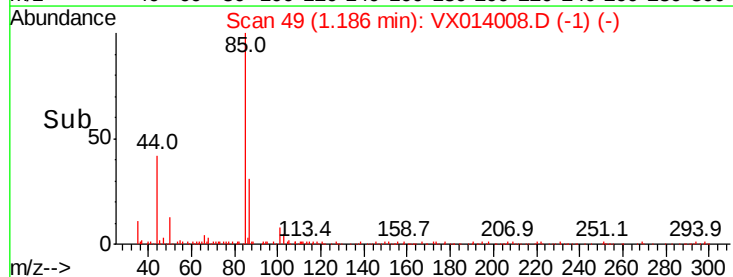
10000

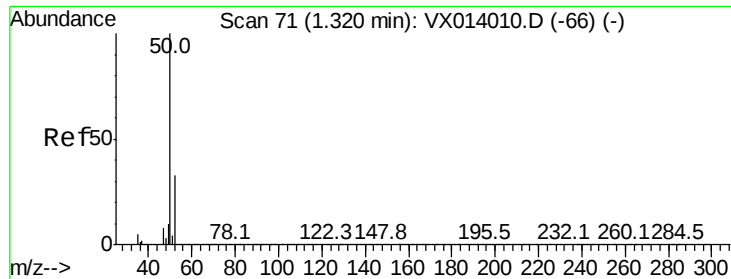
5000

0

1.10 1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 4.882 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014008.D

Acq: 13 Dec 2019 15:12

Instrument :

MSVOA_X

ClientSampleId :

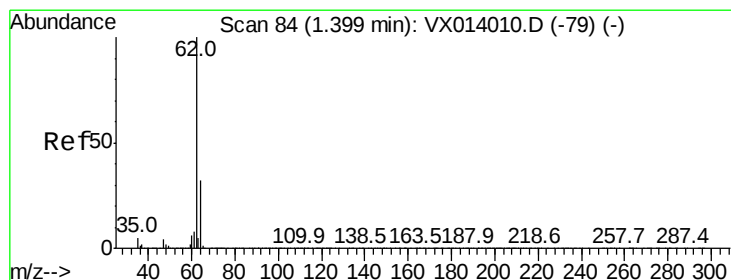
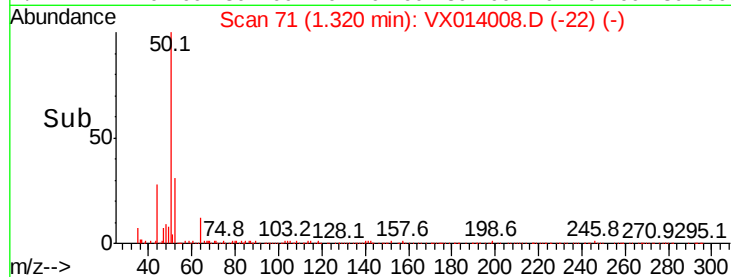
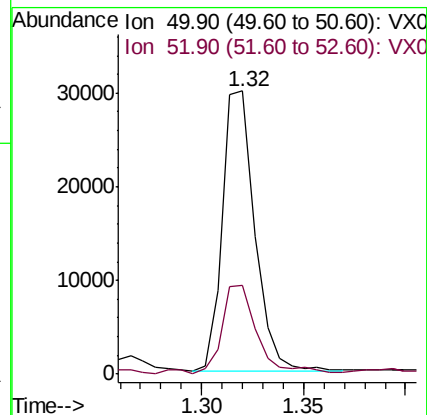
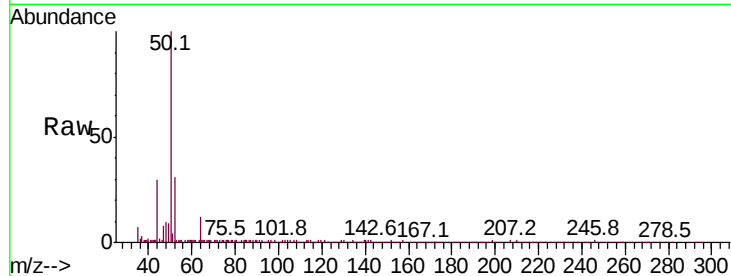
VSTDIC005

Tot Ion: 50 Resp: 32958

Ion Ratio Lower Upper

50 100

52 31.7 26.2 39.4



#4

Vinyl Chloride

Concen: 4.426 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014008.D

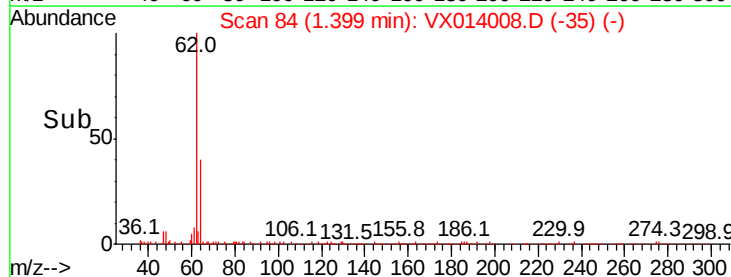
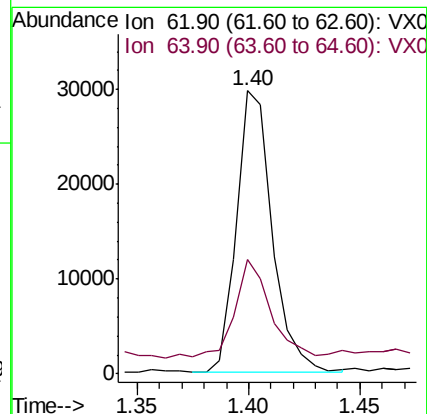
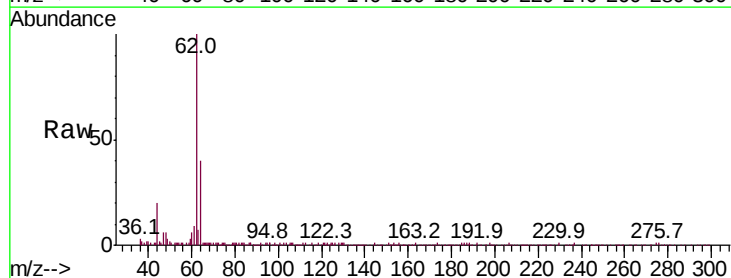
Acq: 13 Dec 2019 15:12

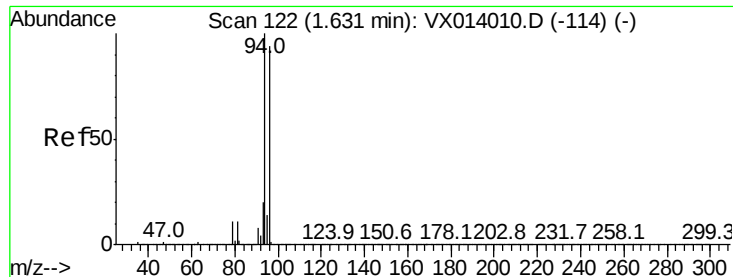
Tgt Ion: 62 Resp: 33048

Ion Ratio Lower Upper

62 100

64 34.4 25.7 38.5





#5

Bromomethane

Concen: 5.484 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.01 min

Lab File: VX014008.D

Acq: 13 Dec 2019 15:12

Instrument :

MSVOA_X

ClientSampleId :

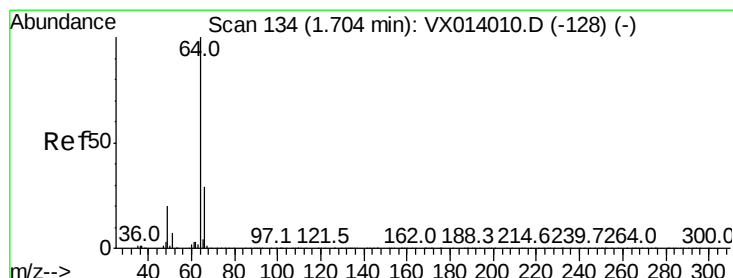
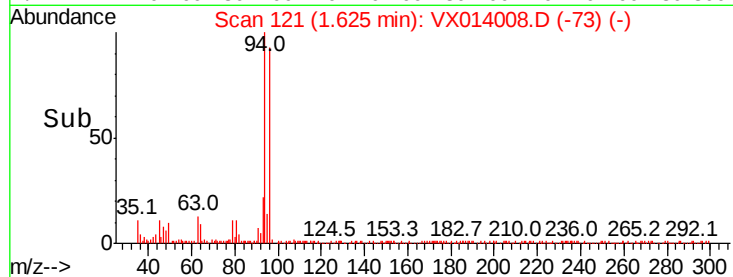
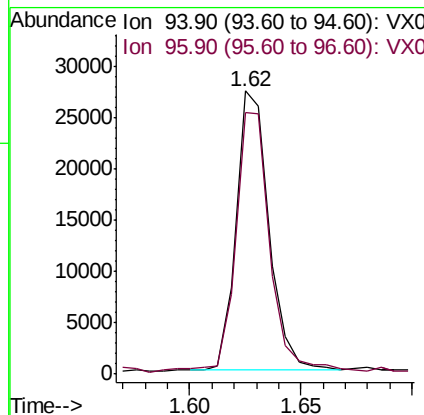
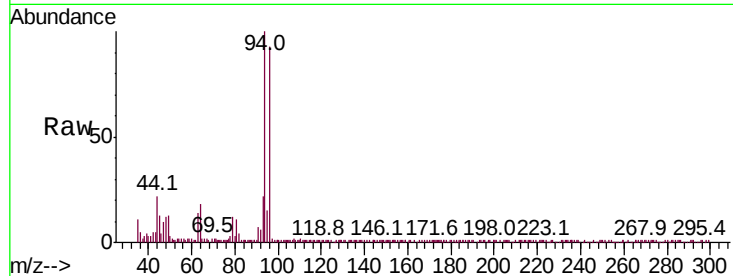
VSTDIC005

Tot Ion: 94 Resp: 28015

Ion Ratio Lower Upper

94 100

96 91.9 75.2 112.8



#6

Chloroethane

Concen: 5.056 ug/l

RT: 1.70 min Scan# 133

Delta R.T. -0.01 min

Lab File: VX014008.D

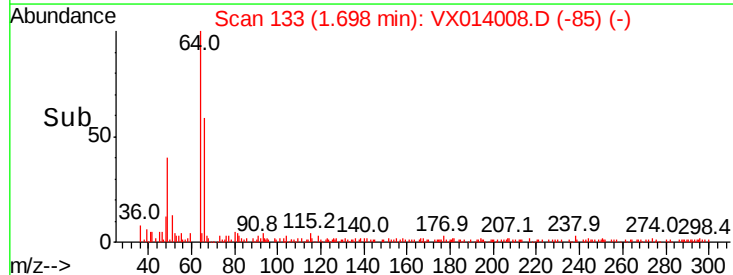
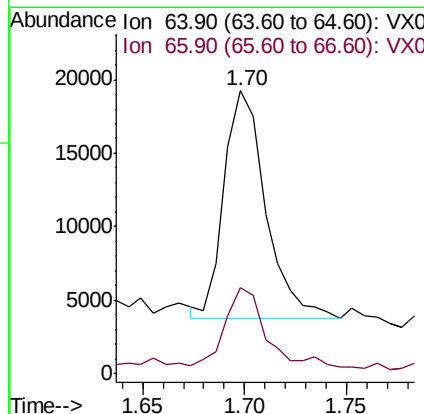
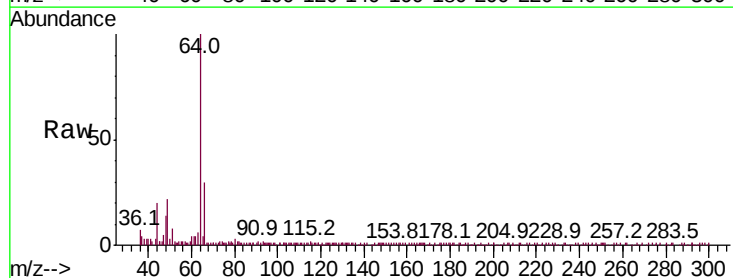
Acq: 13 Dec 2019 15:12

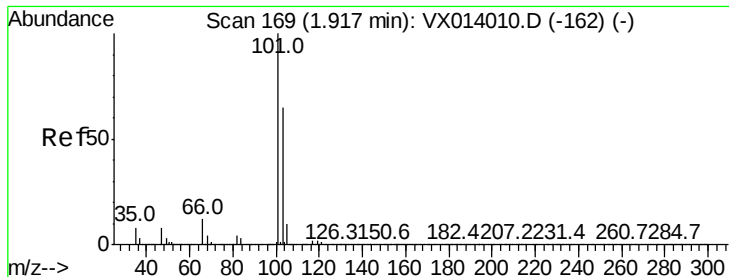
Tgt Ion: 64 Resp: 22012

Ion Ratio Lower Upper

64 100

66 34.5 23.4 35.2





#7

Trichlorofluoromethane

Concen: 4.878 ug/l

RT: 1.91 min Scan# 168

Delta R.T. -0.01 min

Lab File: VX014008.D

Acq: 13 Dec 2019 15:12

Instrument :

MSVOA_X

ClientSampleId :

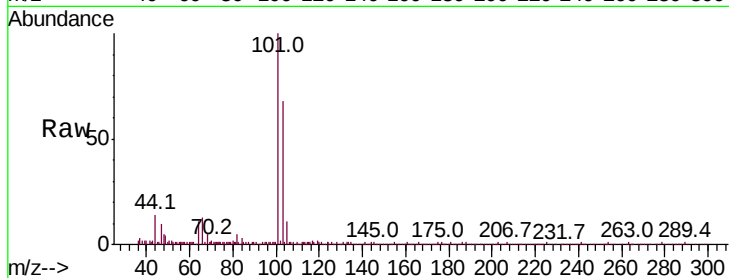
VSTDIC005

Tot Ion:101 Resp: 41691

Ion Ratio Lower Upper

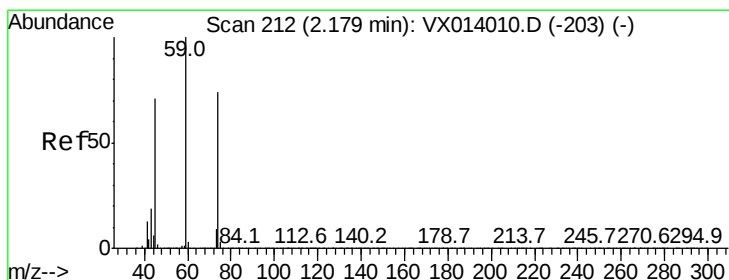
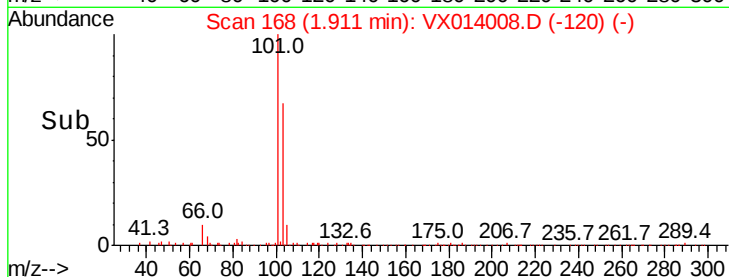
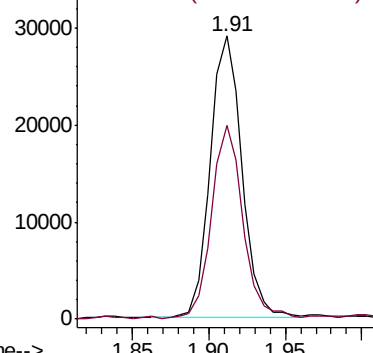
101 100

103 67.8 52.2 78.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 5.251 ug/l

RT: 2.18 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX014008.D

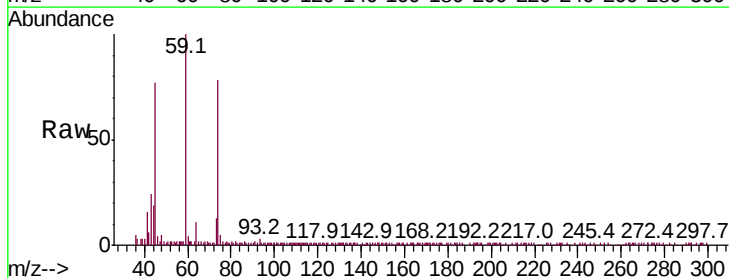
Acq: 13 Dec 2019 15:12

Tgt Ion: 74 Resp: 20281

Ion Ratio Lower Upper

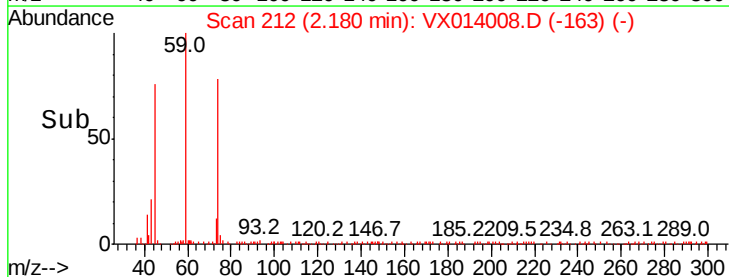
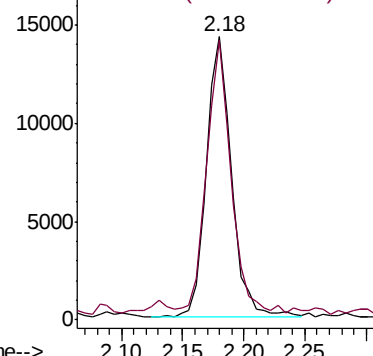
74 100

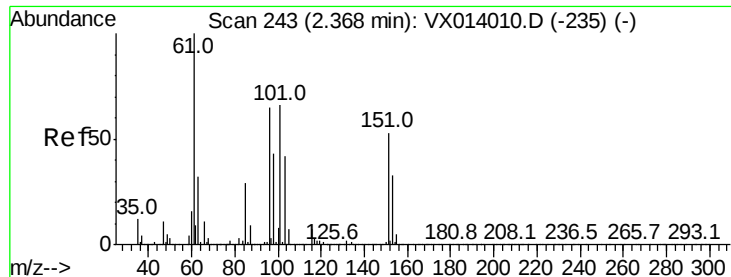
45 91.2 48.1 144.3



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.131 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX014008.D

Acq: 13 Dec 2019 15:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

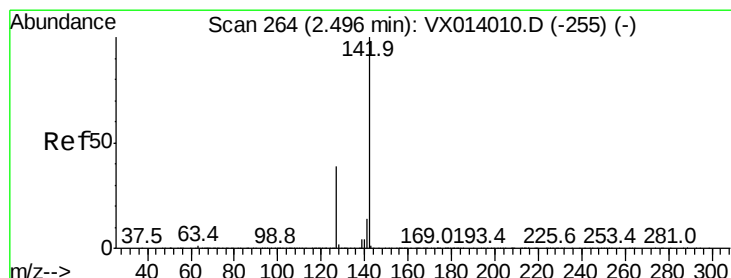
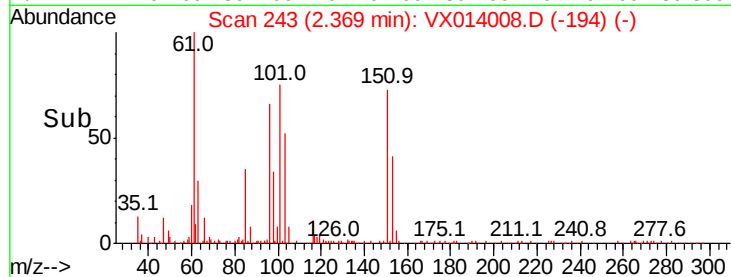
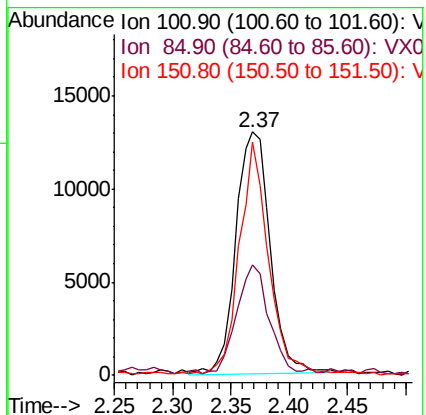
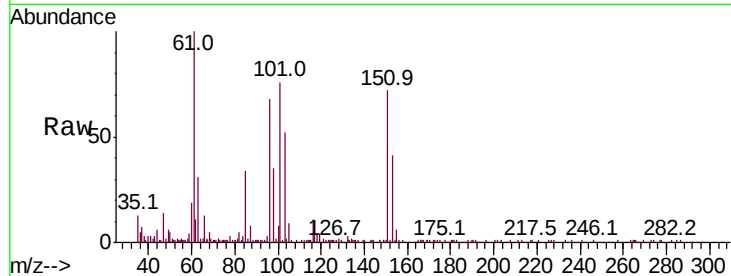
Tot Ion:101 Resp: 26670

Ion Ratio Lower Upper

101 100

85 41.8 33.7 50.5

151 82.3 64.5 96.7



#10

Methyl Iodide

Concen: 3.687 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX014008.D

Acq: 13 Dec 2019 15:12

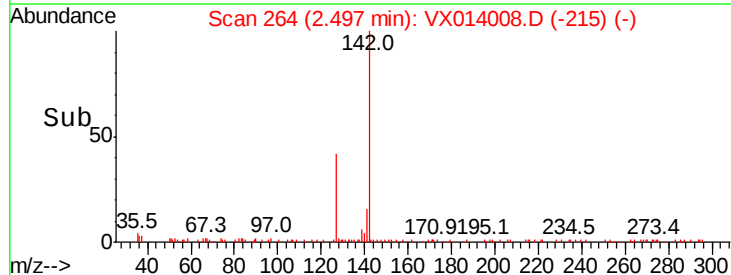
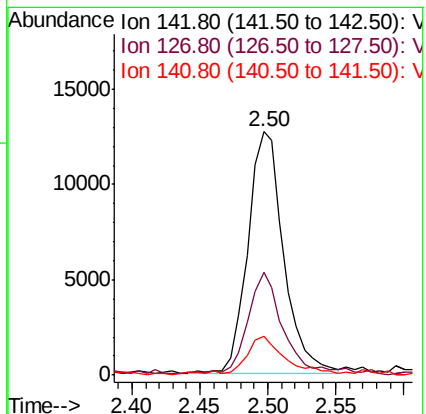
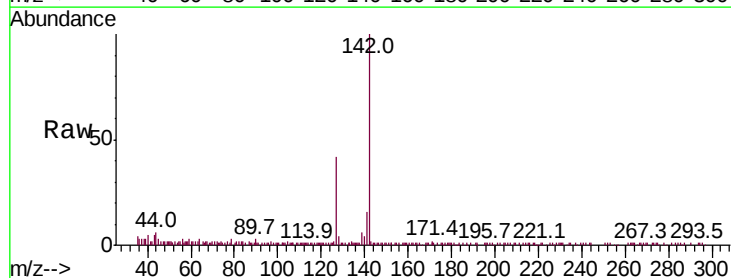
Tgt Ion:142 Resp: 23278

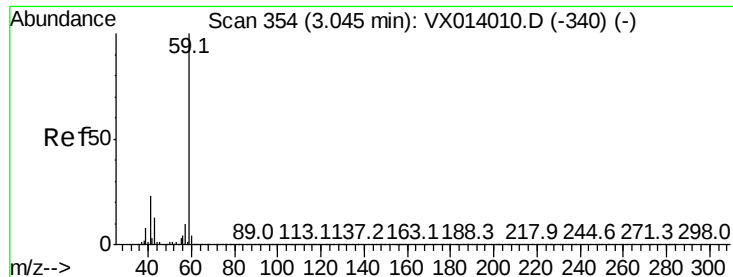
Ion Ratio Lower Upper

142 100

127 42.8 31.6 47.4

141 18.8 11.6 17.4#



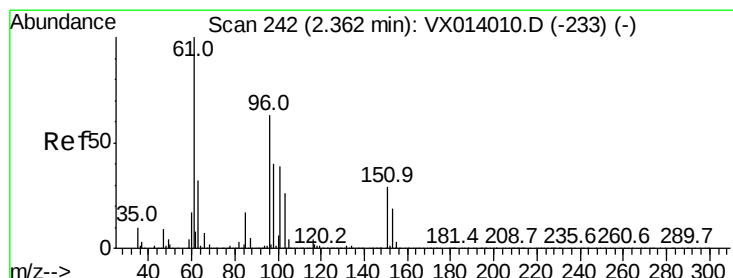
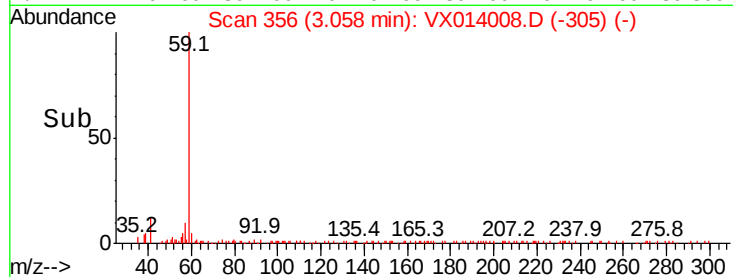
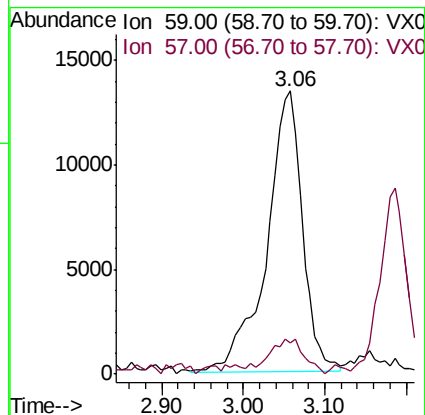
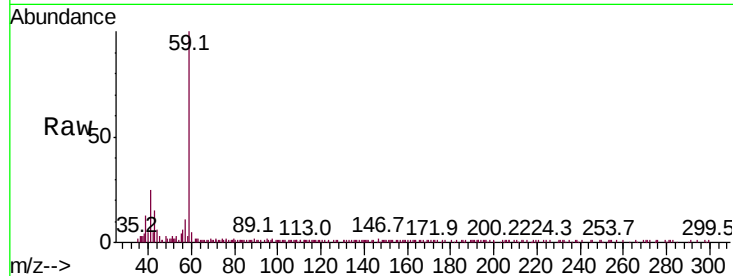


#11

Tert butyl alcohol
Concen: 26.858 ug/l
RT: 3.06 min Scan# 356
Delta R.T. 0.01 min
Lab File: VX014008.D
Acq: 13 Dec 2019 15:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

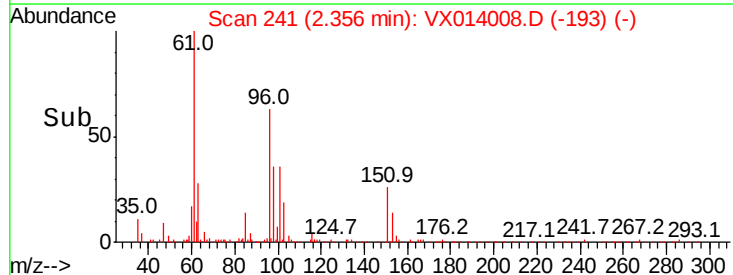
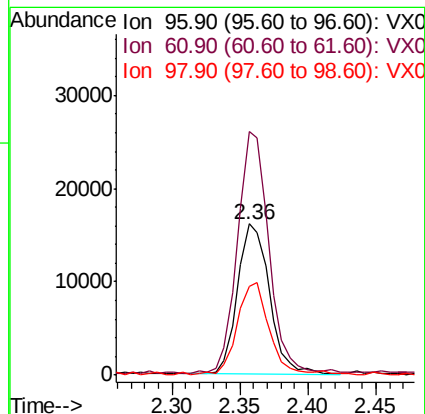
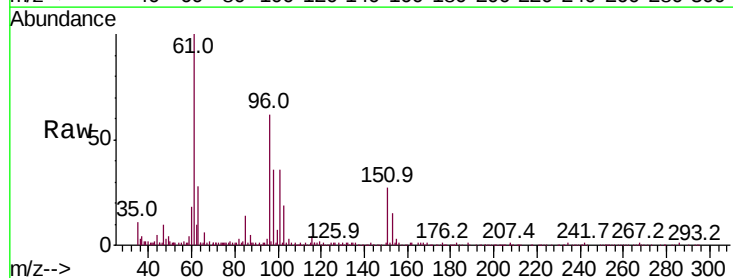
Tot Ion: 59 Resp: 40816
Ion Ratio Lower Upper
59 100
57 12.5 8.4 12.6

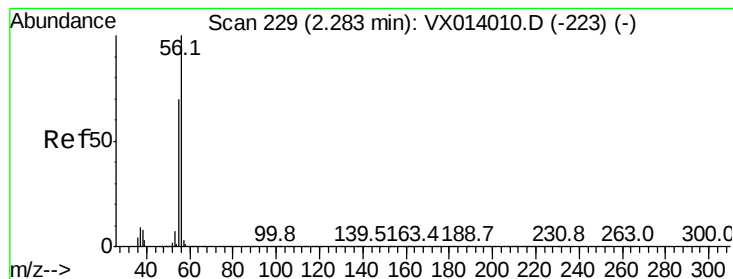


#12

1,1-Dichloroethene
Concen: 5.128 ug/l
RT: 2.36 min Scan# 241
Delta R.T. -0.01 min
Lab File: VX014008.D
Acq: 13 Dec 2019 15:12

Tgt Ion: 96 Resp: 26582
Ion Ratio Lower Upper
96 100
61 161.5 127.9 191.9
98 58.4 50.5 75.7





#13

Acrolein

Concen: 20.678 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014008.D

Acq: 13 Dec 2019 15:12

Instrument :

MSVOA_X

ClientSampleId :

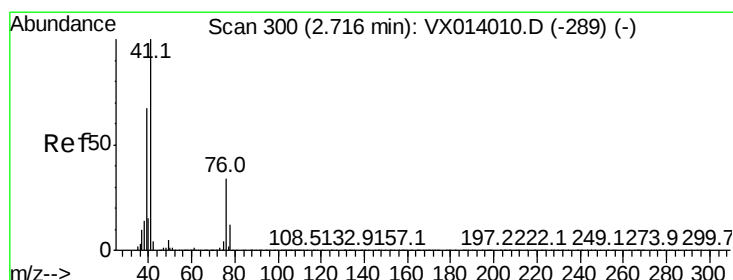
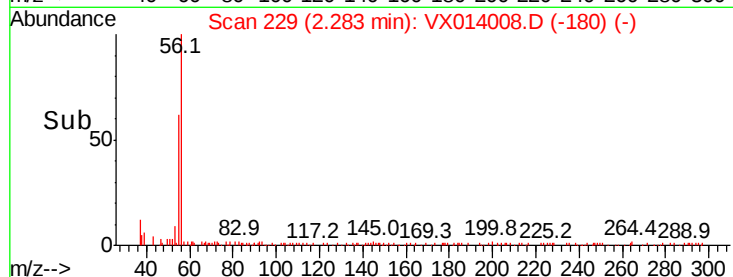
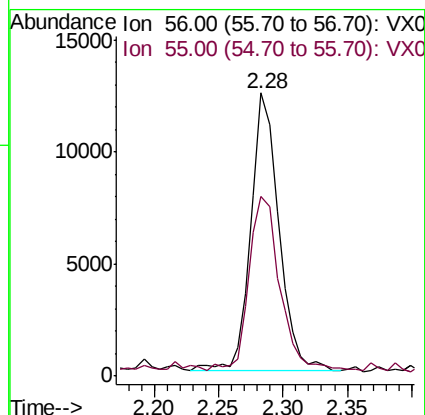
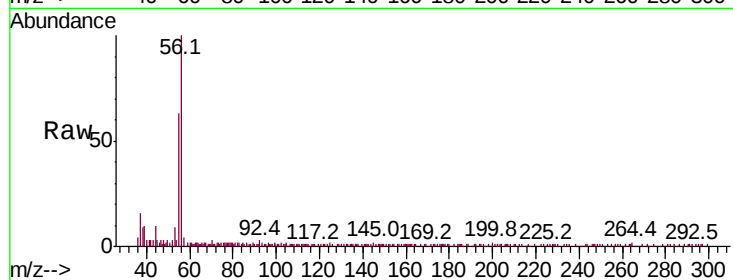
VSTDIC005

Tot Ion: 56 Resp: 18499

Ion Ratio Lower Upper

56 100

55 68.6 56.9 85.3



#14

Allyl chloride

Concen: 4.726 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX014008.D

Acq: 13 Dec 2019 15:12

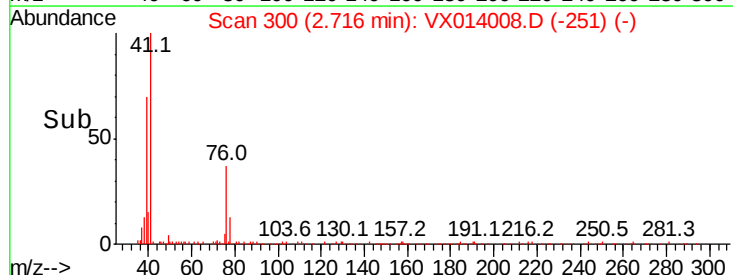
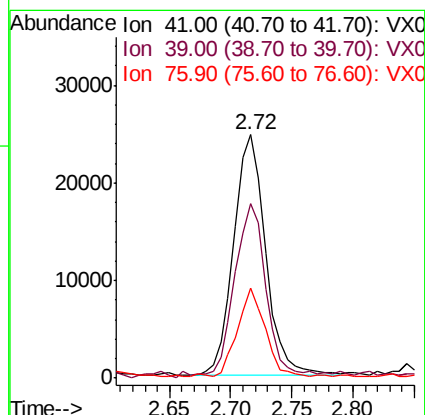
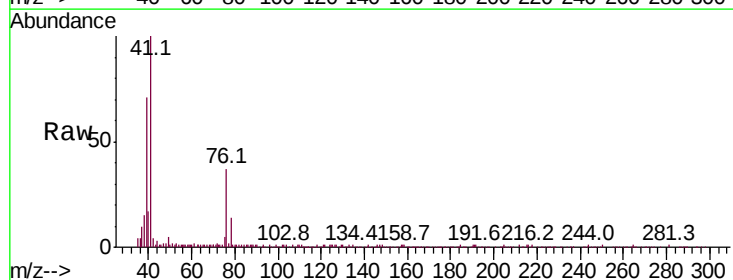
Tgt Ion: 41 Resp: 44423

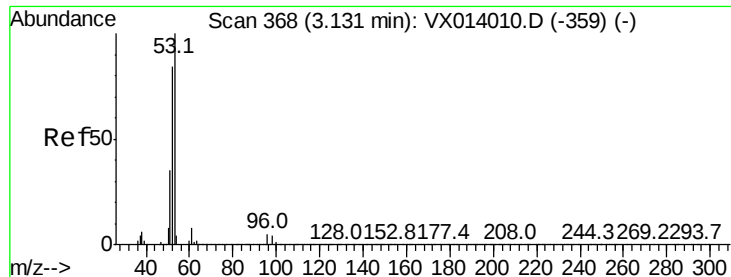
Ion Ratio Lower Upper

41 100

39 74.3 51.8 77.8

76 31.8 25.9 38.9

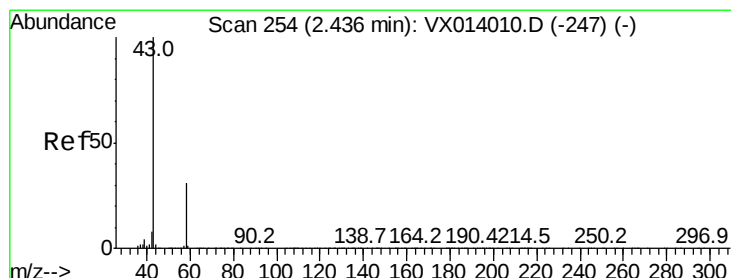
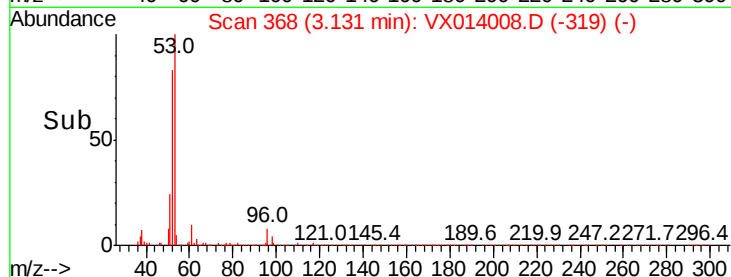
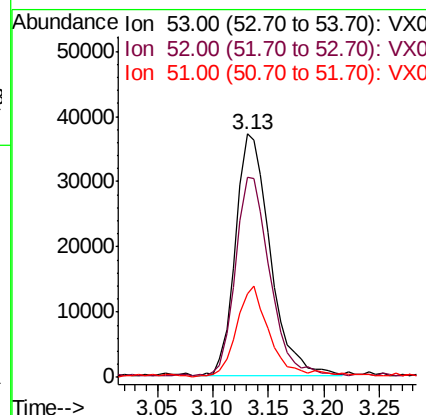
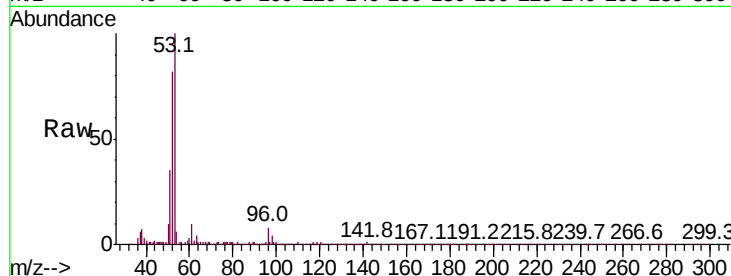




#15
 Acrylonitrile
 Concen: 25.111 ug/l
 RT: 3.13 min Scan# 368
 Delta R.T. 0.00 min
 Lab File: VX014008.D
 Acq: 13 Dec 2019 15:12

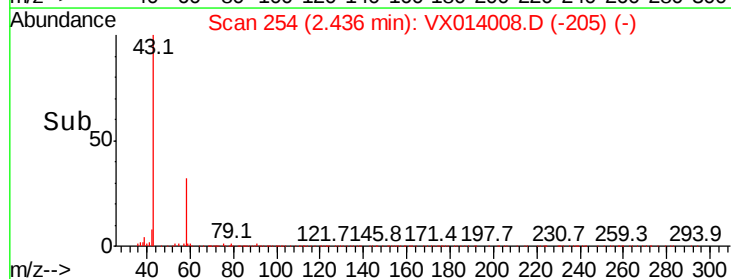
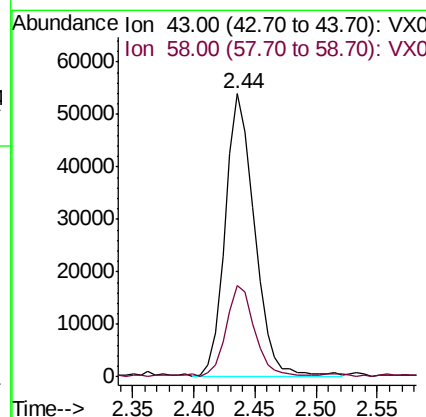
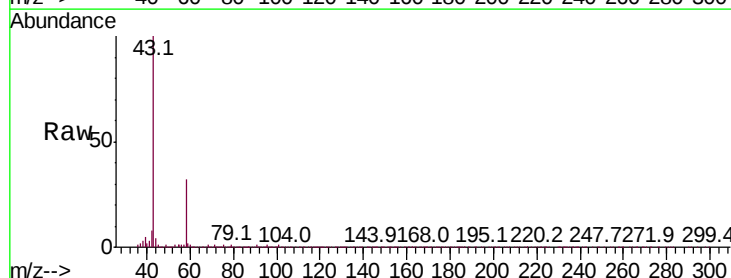
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

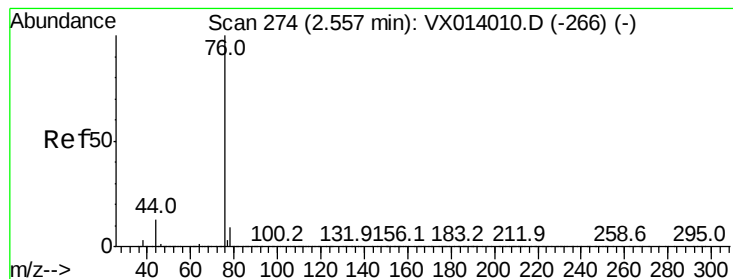
Tot Ion:	53	Resp:	80244
Ion	Ratio	Lower	Upper
53	100		
52	80.8	66.5	99.7
51	35.0	28.1	42.1



#16
 Acetone
 Concen: 27.556 ug/l
 RT: 2.44 min Scan# 254
 Delta R.T. 0.00 min
 Lab File: VX014008.D
 Acq: 13 Dec 2019 15:12

Tgt Ion:	43	Resp:	90499
Ion	Ratio	Lower	Upper
43	100		
58	31.4	24.9	37.3





#17

Carbon Disulfide

Concen: 4.977 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX014008.D

Acq: 13 Dec 2019 15:12

Instrument :

MSVOA_X

ClientSampleId :

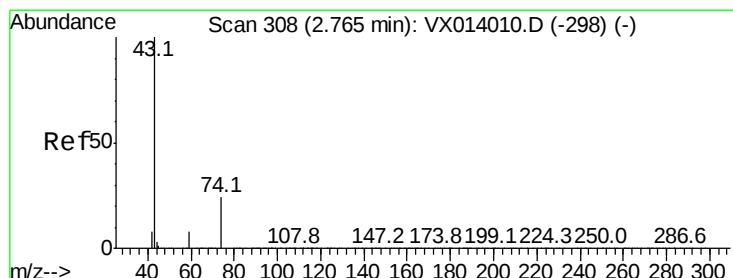
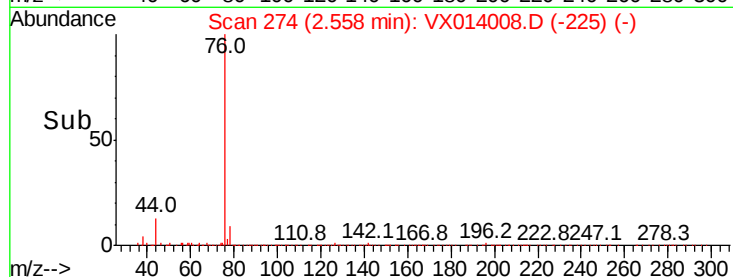
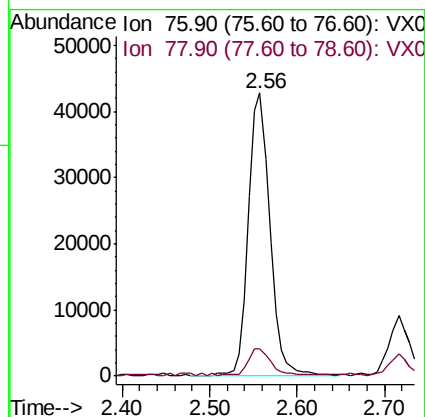
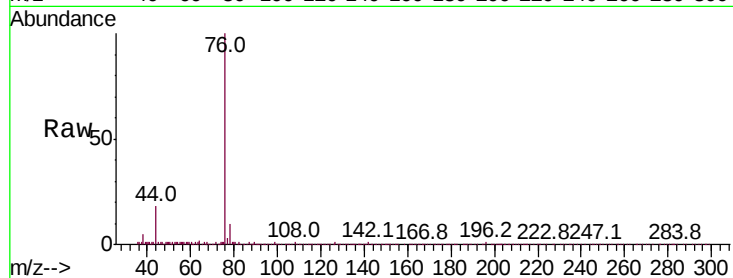
VSTDIC005

Tot Ion: 76 Resp: 73698

Ion Ratio Lower Upper

76 100

78 9.1 7.2 10.8



#18

Methyl Acetate

Concen: 4.546 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX014008.D

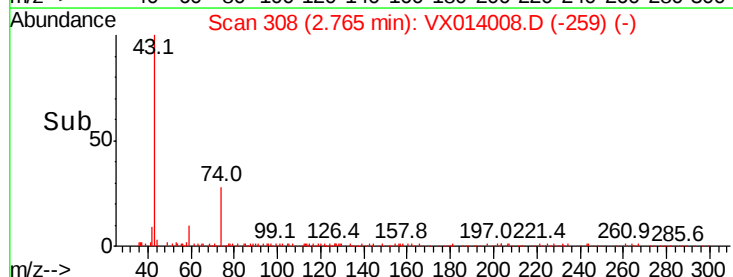
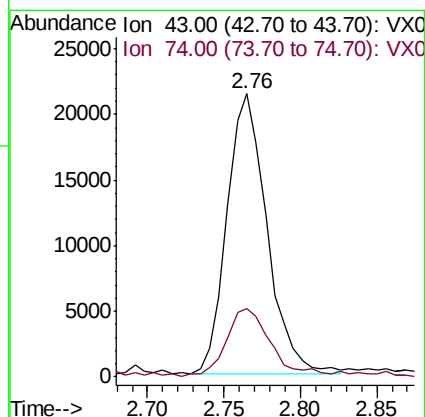
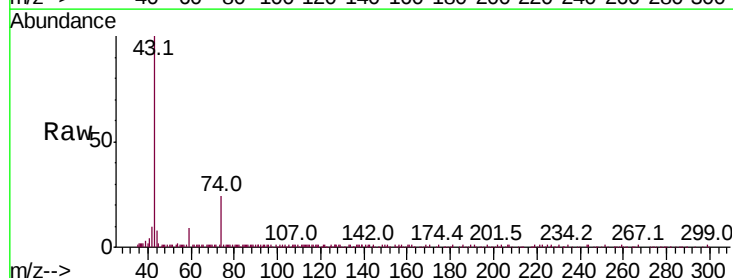
Acq: 13 Dec 2019 15:12

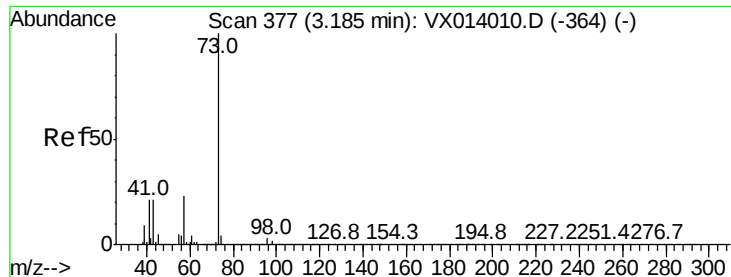
Tgt Ion: 43 Resp: 38611

Ion Ratio Lower Upper

43 100

74 27.5 19.5 29.3



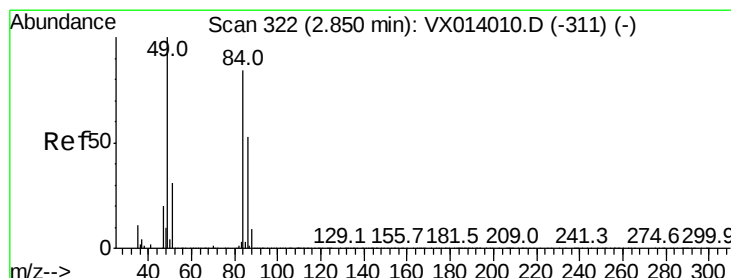
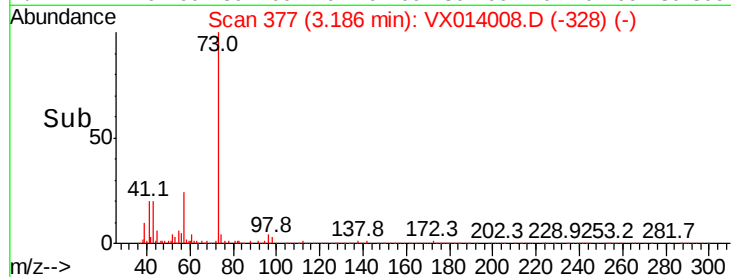
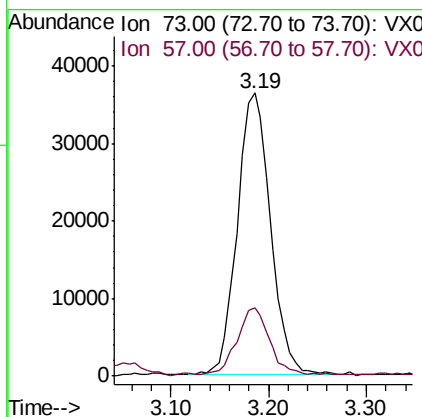
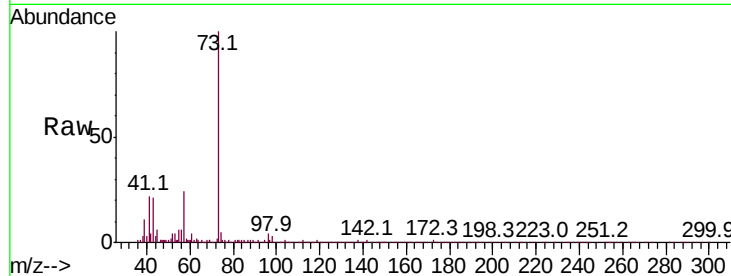


#19

Methyl tert-butyl Ether
 Concen: 4.983 ug/l
 RT: 3.19 min Scan# 377
 Delta R.T. 0.00 min
 Lab File: VX014008.D
 Acq: 13 Dec 2019 15:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

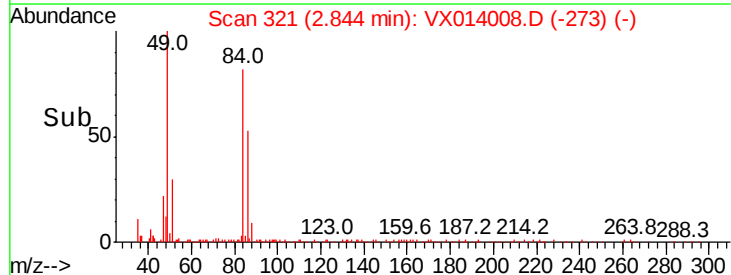
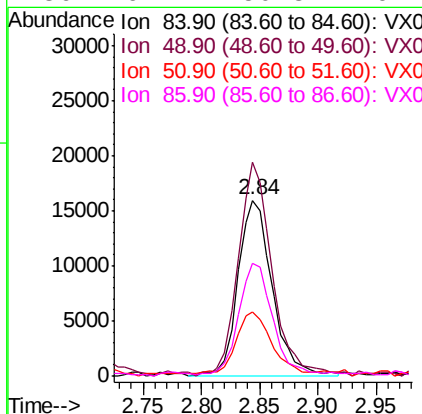
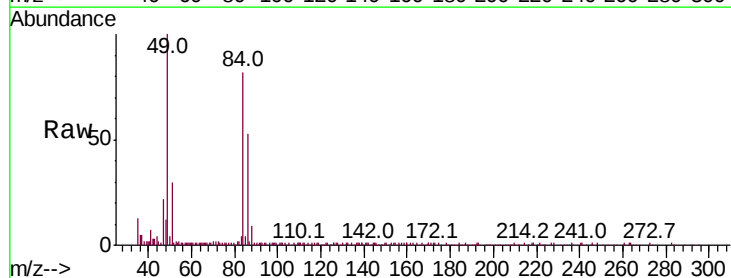
Tot Ion: 73 Resp: 85734
 Ion Ratio Lower Upper
 73 100
 57 23.9 18.8 28.2

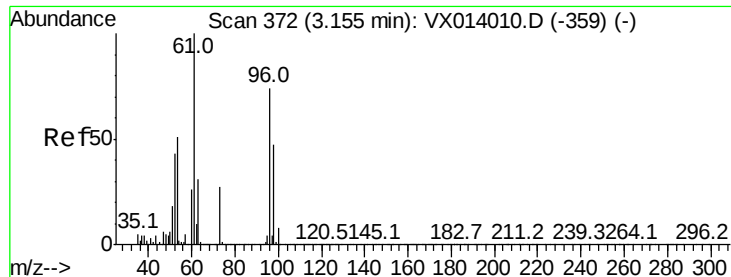


#20

Methylene Chloride
 Concen: 5.469 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. -0.01 min
 Lab File: VX014008.D
 Acq: 13 Dec 2019 15:12

Tgt Ion: 84 Resp: 32935
 Ion Ratio Lower Upper
 84 100
 49 119.8 95.8 143.6
 51 35.6 29.8 44.8
 86 62.7 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 5.135 ug/l

RT: 3.15 min Scan# 371

Delta R.T. -0.01 min

Lab File: VX014008.D

Acq: 13 Dec 2019 15:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

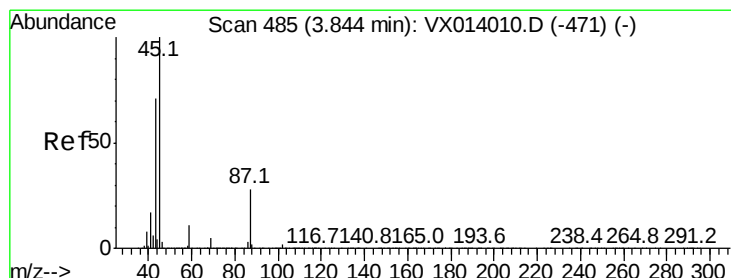
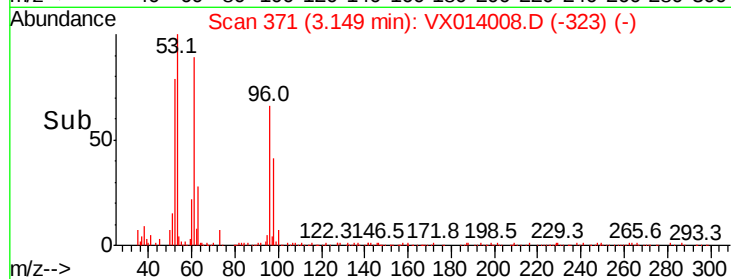
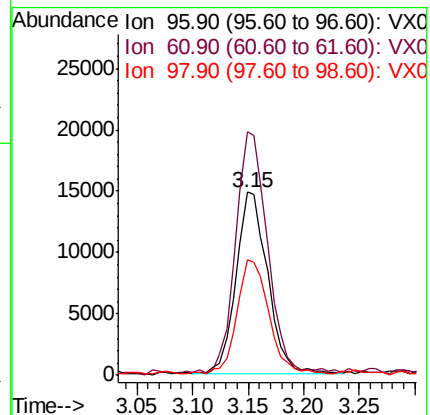
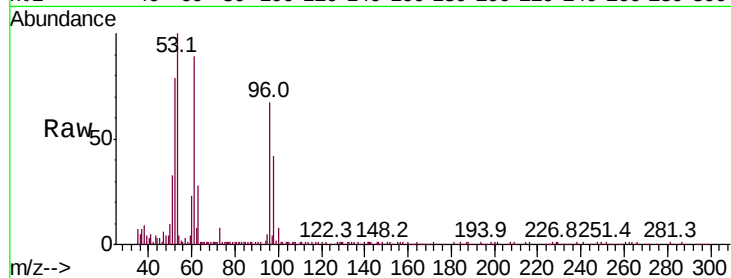
Tot Ion: 96 Resp: 29051

Ion Ratio Lower Upper

96 100

61 133.0 108.3 162.5

98 61.9 50.8 76.2



#22

Diisopropyl ether

Concen: 5.200 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX014008.D

Acq: 13 Dec 2019 15:12

Tgt Ion: 45 Resp: 94564

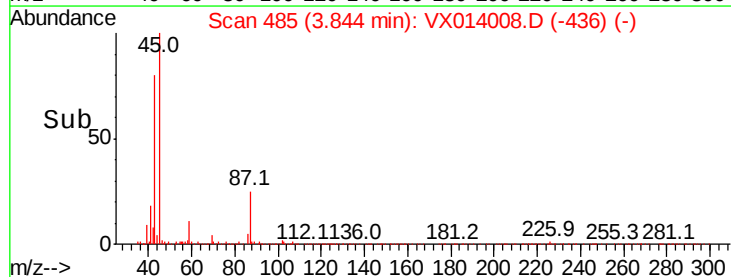
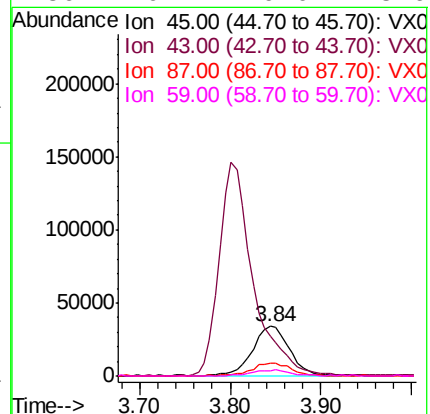
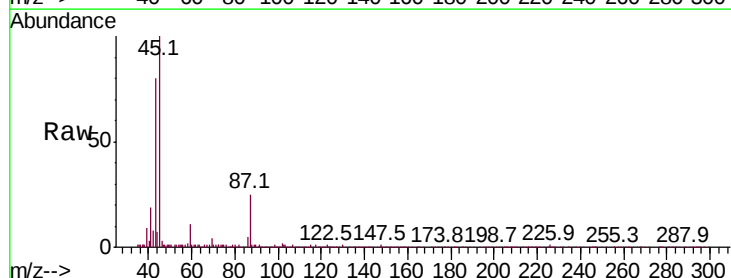
Ion Ratio Lower Upper

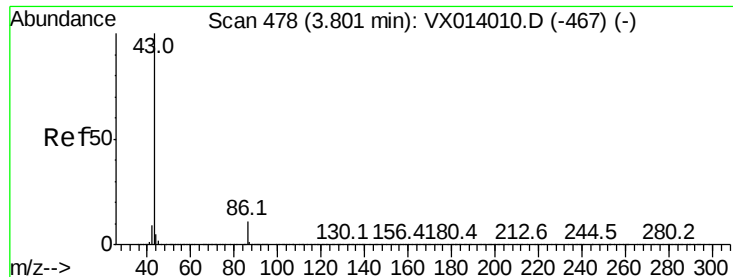
45 100

43 78.6 57.4 86.0

87 25.1 21.9 32.9

59 10.4 9.0 13.6





#23

Vinyl Acetate

Concen: 25.363 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014008.D

Acq: 13 Dec 2019 15:12

Instrument :

MSVOA_X

ClientSampleId :

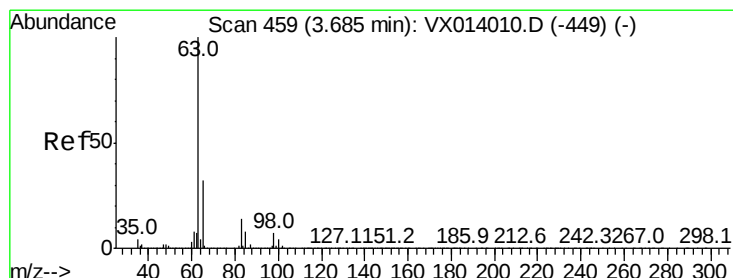
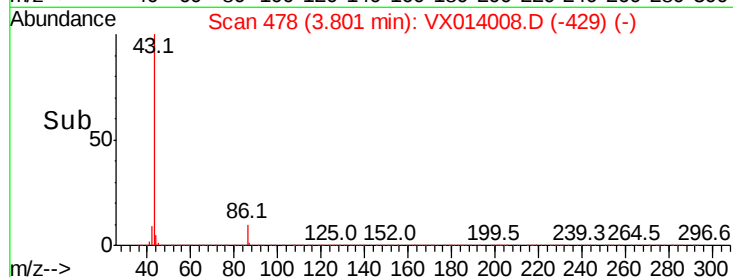
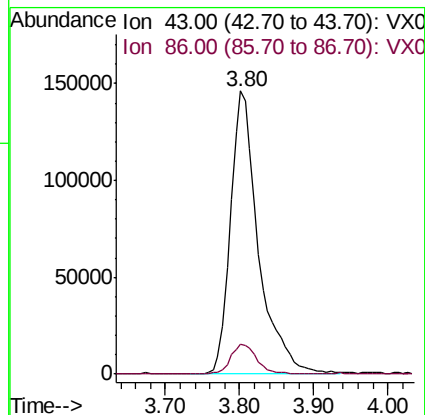
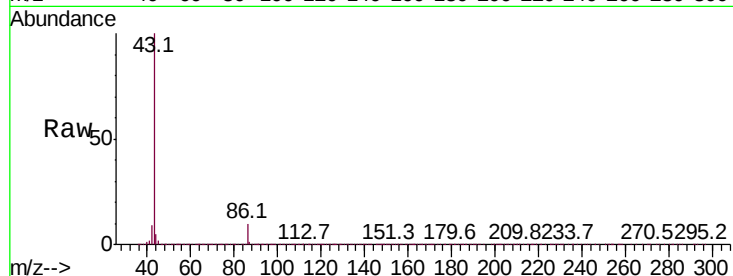
VSTDIC005

Tot Ion: 43 Resp: 382949

Ion Ratio Lower Upper

43 100

86 10.4 8.6 12.8



#24

1,1-Dichloroethane

Concen: 5.193 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014008.D

Acq: 13 Dec 2019 15:12

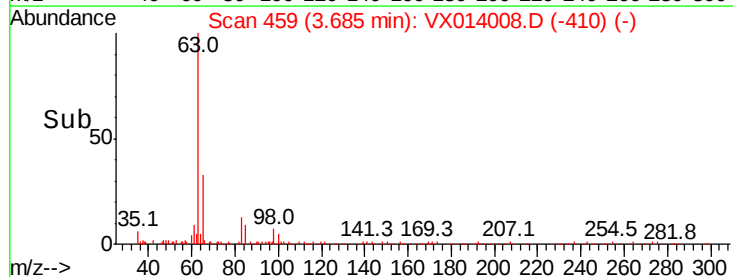
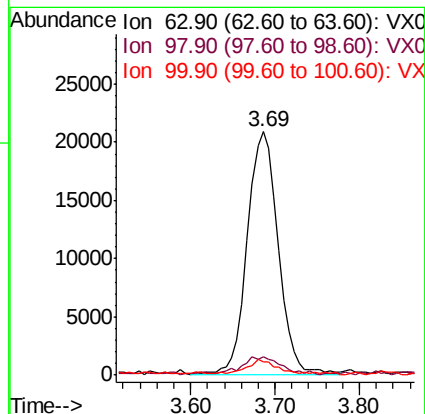
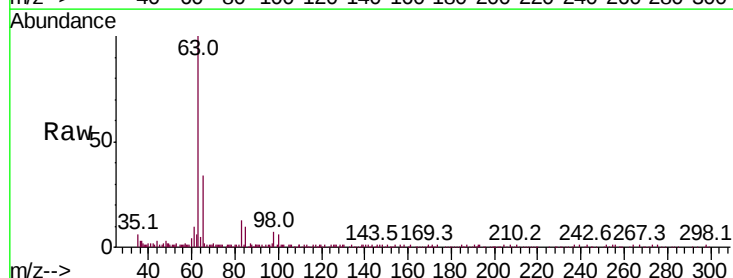
Tgt Ion: 63 Resp: 51625

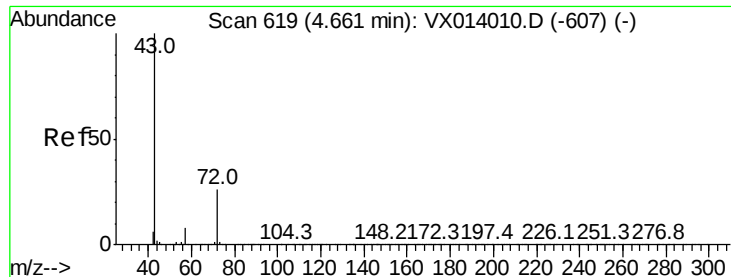
Ion Ratio Lower Upper

63 100

98 6.9 3.6 10.8

100 5.4 2.3 6.8





#25

2-Butanone

Concen: 26.185 ug/l

RT: 4.67 min Scan# 620

Delta R.T. 0.01 min

Lab File: VX014008.D

Acq: 13 Dec 2019 15:12

Instrument :

MSVOA_X

ClientSampleId :

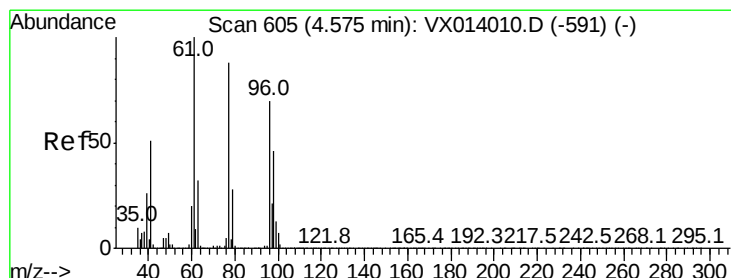
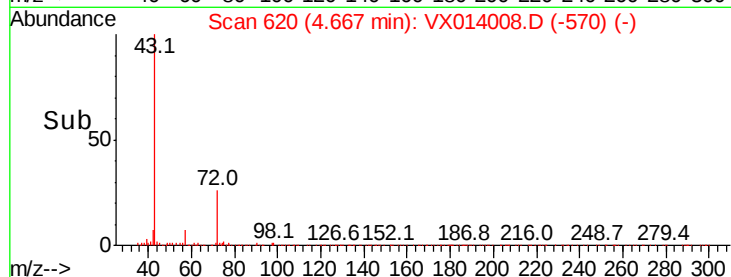
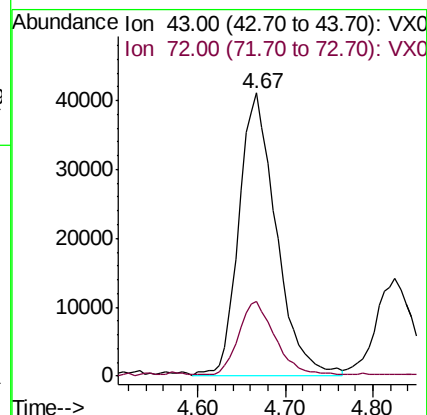
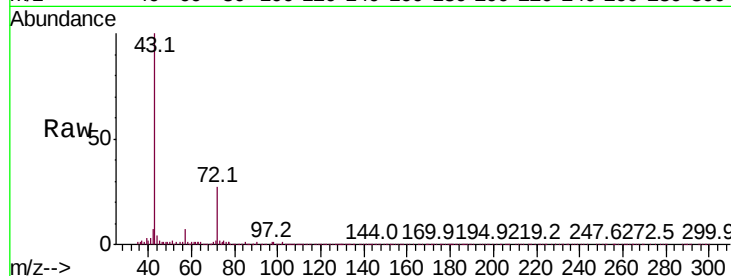
VSTDIC005

Tot Ion: 43 Resp: 122725

Ion Ratio Lower Upper

43 100

72 25.9 21.0 31.4



#26

2,2-Dichloropropane

Concen: 4.585 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014008.D

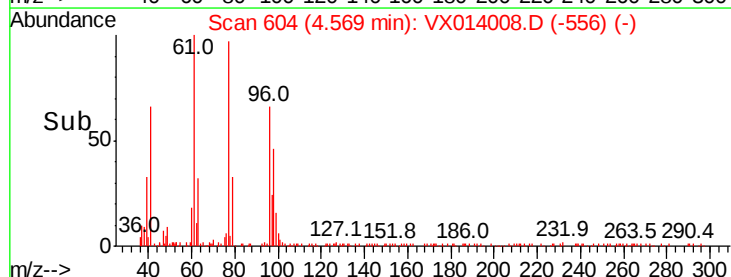
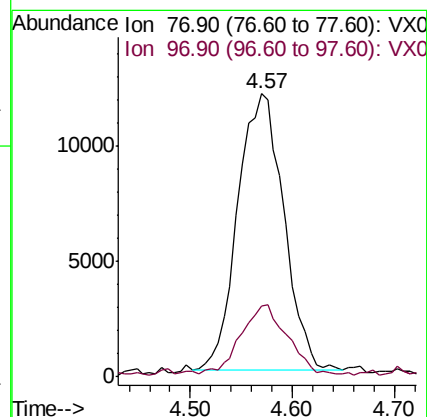
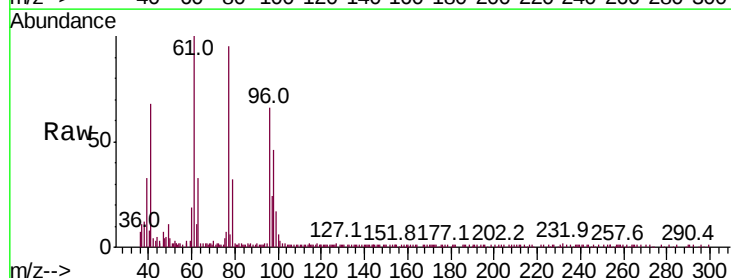
Acq: 13 Dec 2019 15:12

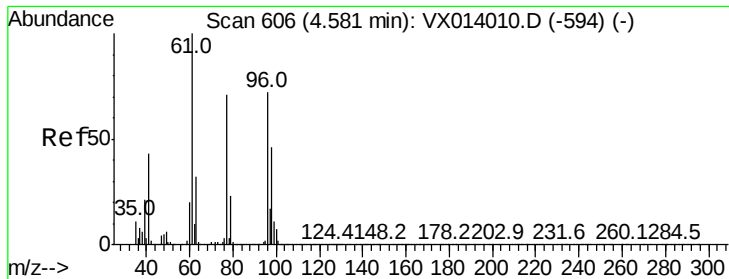
Tgt Ion: 77 Resp: 37559

Ion Ratio Lower Upper

77 100

97 25.4 11.9 35.9



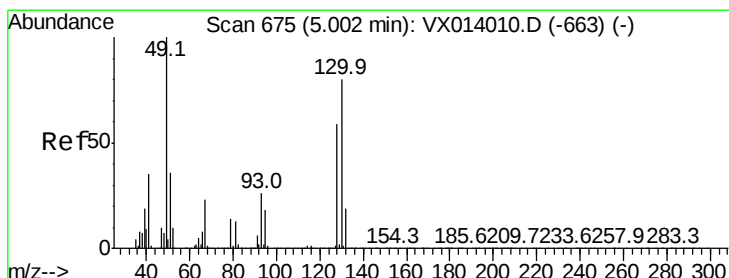
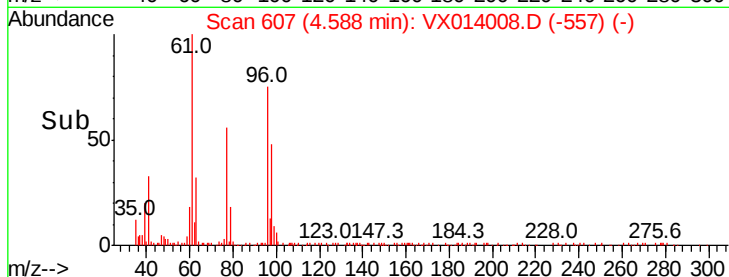
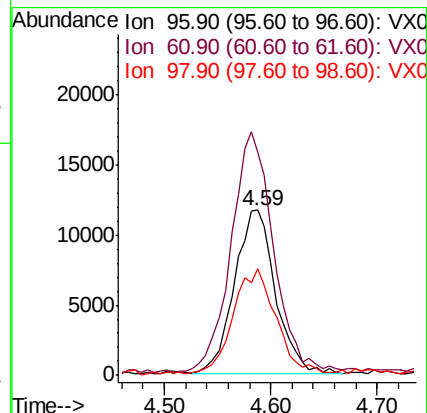
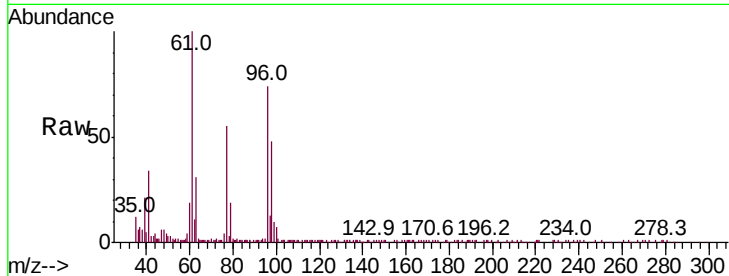


#27

cis-1,2-Dichloroethene
Concen: 4.815 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX014008.D
Acq: 13 Dec 2019 15:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

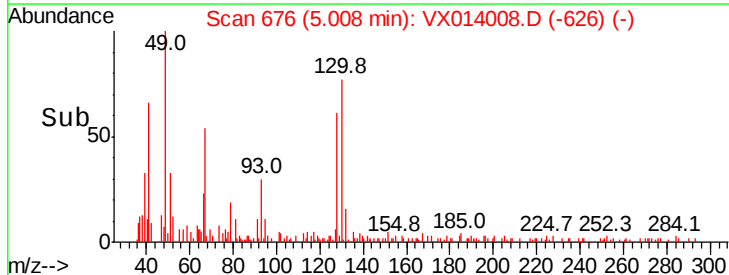
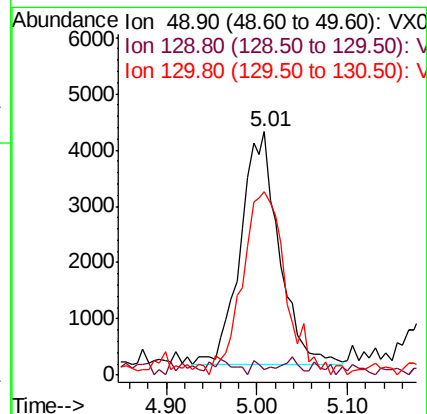
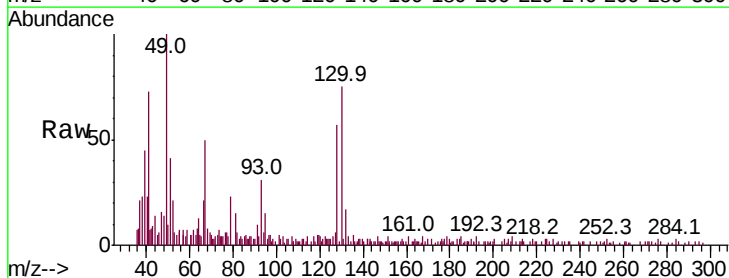
Tot Ion	Ratio	Lower	Upper
96	100		
61	155.6	0.0	288.4
98	67.0	0.0	129.6

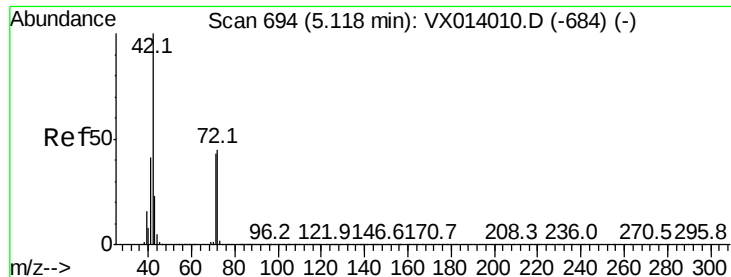


#28

Bromochloromethane
Concen: 3.451 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX014008.D
Acq: 13 Dec 2019 15:12

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	5.0
130	88.4	64.6	97.0

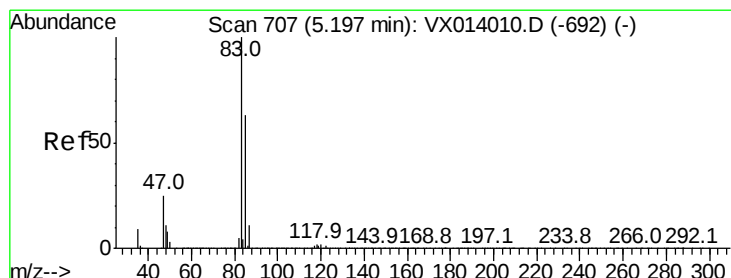
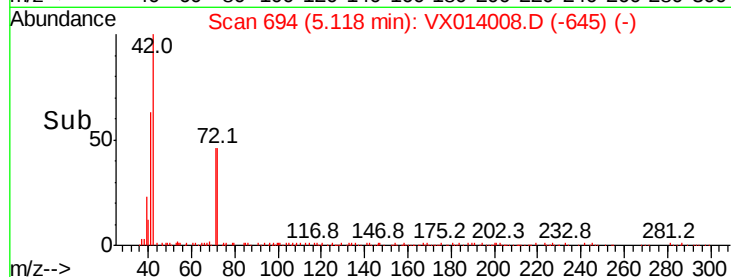
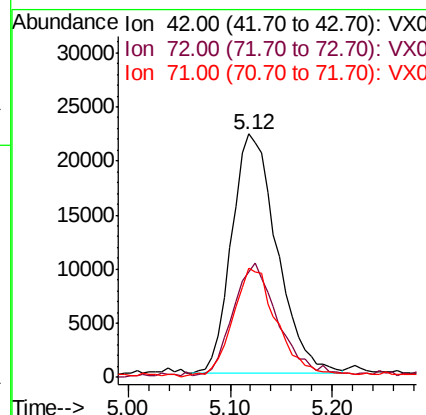
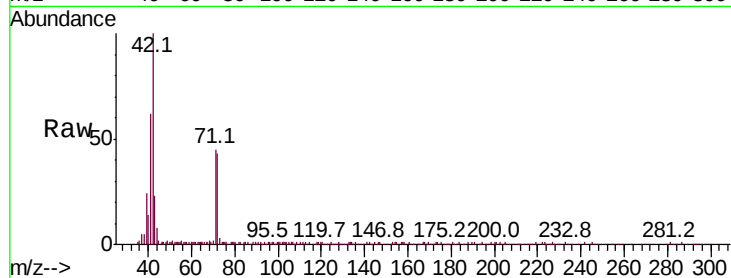




#29
Tetrahydrofuran
Concen: 24.029 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.00 min
Lab File: VX014008.D
Acq: 13 Dec 2019 15:12

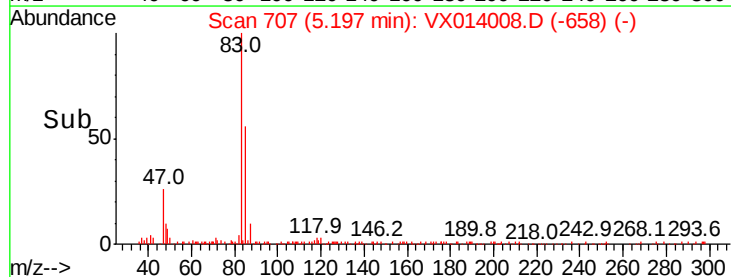
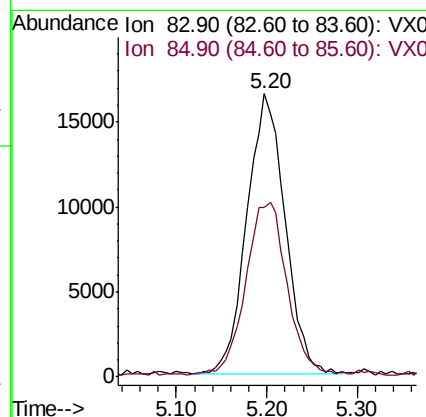
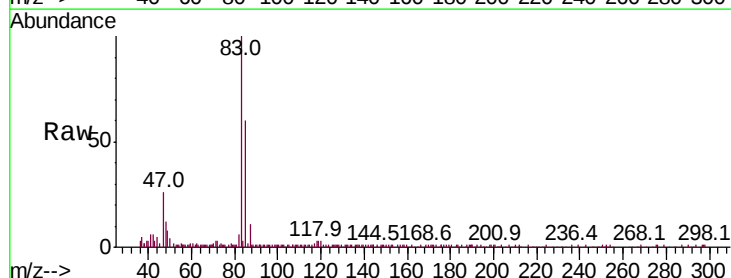
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

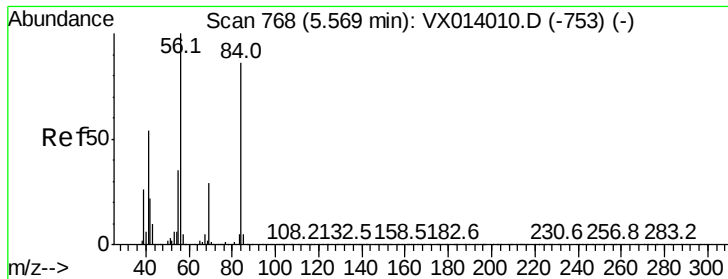
Tot Ion	Ratio	Lower	Upper
42	100		
72	47.0	35.8	53.8
71	46.1	33.6	50.4



#30
Chloroform
Concen: 4.800 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX014008.D
Acq: 13 Dec 2019 15:12

Tgt Ion	Ratio	Lower	Upper
83	100		
85	59.3	50.8	76.2

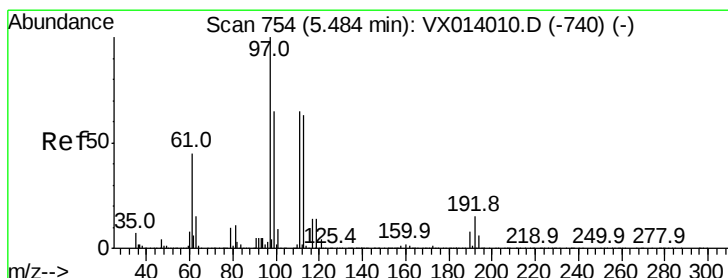
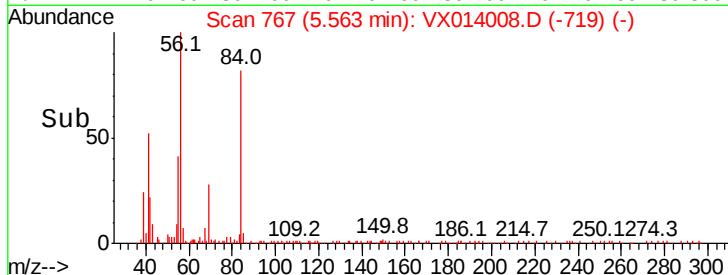
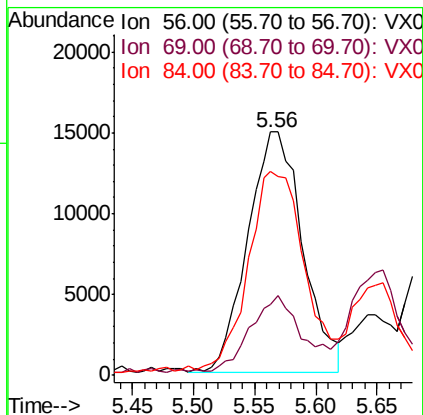
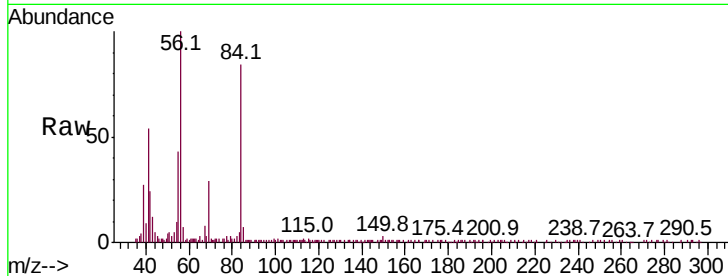




#31
Cyclohexane
Concen: 4.935 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX014008.D
Acq: 13 Dec 2019 15:12

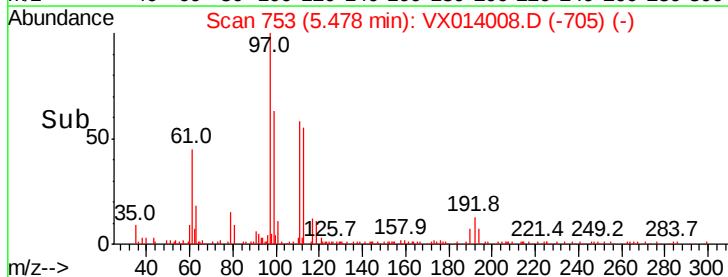
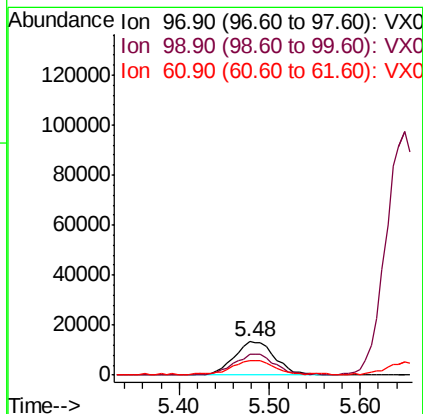
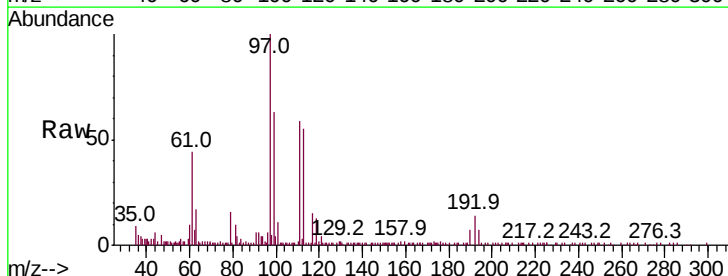
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

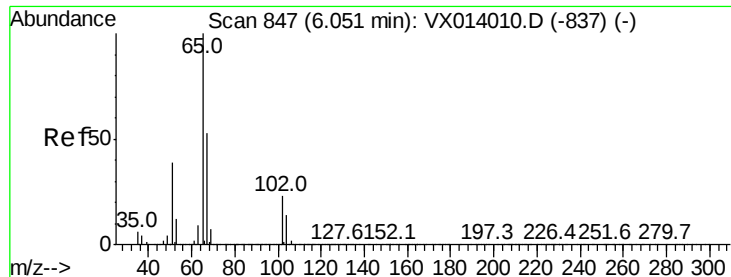
Tot Ion: 56 Resp: 46374
Ion Ratio Lower Upper
56 100
69 28.4 23.2 34.8
84 82.4 69.2 103.8



#32
1,1,1-Trichloroethane
Concen: 4.872 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX014008.D
Acq: 13 Dec 2019 15:12

Tgt Ion: 97 Resp: 40943
Ion Ratio Lower Upper
97 100
99 64.9 52.0 78.0
61 44.9 36.7 55.1





#33

1,2-Dichloroethane-d4

Concen: 5.329 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX014008.D

Acq: 13 Dec 2019 15:12

Instrument :

MSVOA_X

ClientSampleId :

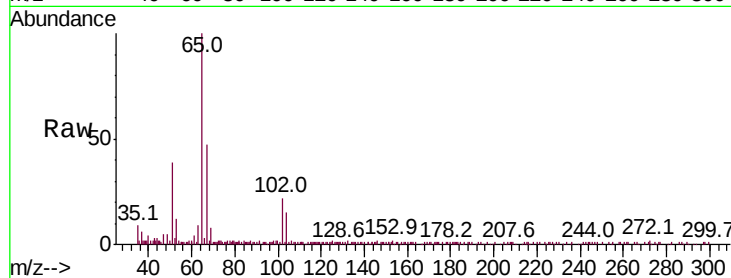
VSTDIC005

Tot Ion: 65 Resp: 33805

Ion Ratio Lower Upper

65 100

67 49.8 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

15000

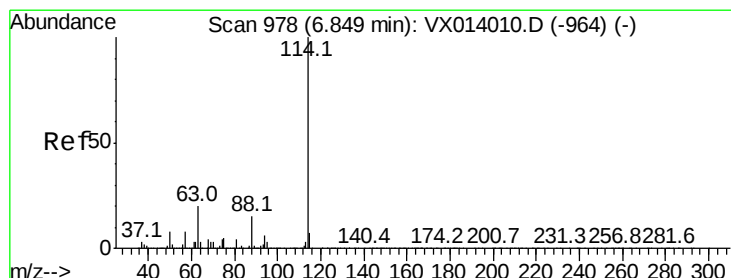
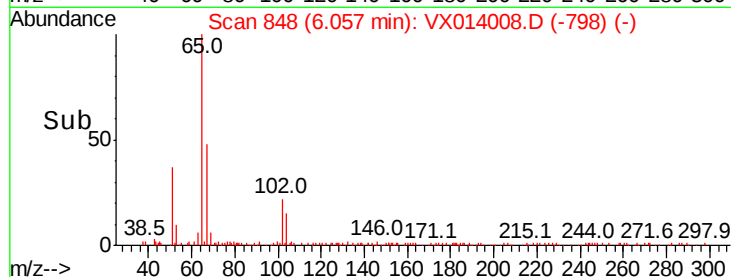
10000

5000

0

6.00 6.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014008.D

Acq: 13 Dec 2019 15:12

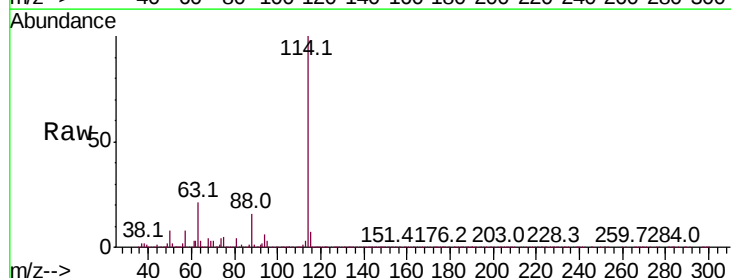
Tgt Ion: 114 Resp: 828804

Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.8

88 15.7 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.85

400000

300000

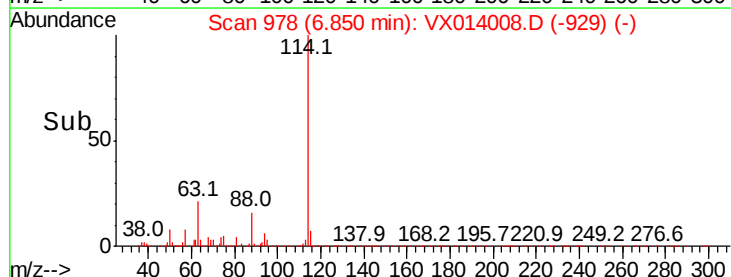
200000

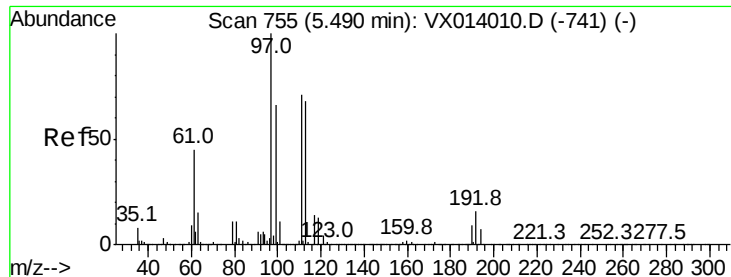
100000

0

6.70 6.80 6.90 7.00

Time-->





#35

Dibromofluoromethane

Concen: 5.176 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014008.D

Acq: 13 Dec 2019 15:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

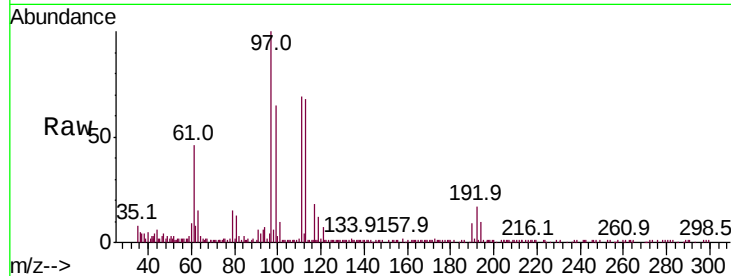
Tot Ion:113 Resp: 26664

Ion Ratio Lower Upper

113 100

111 101.2 82.0 123.0

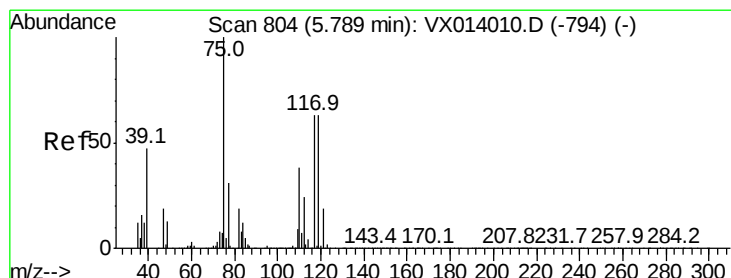
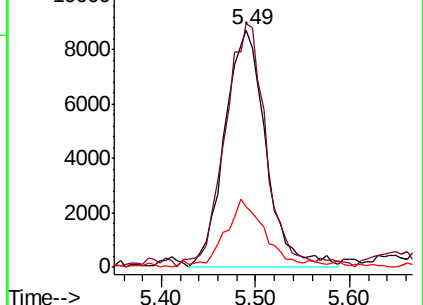
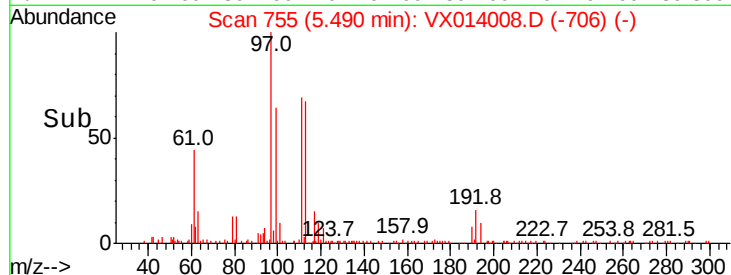
192 25.7 19.3 28.9



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: 4.919 ug/l

RT: 5.79 min Scan# 805

Delta R.T. 0.01 min

Lab File: VX014008.D

Acq: 13 Dec 2019 15:12

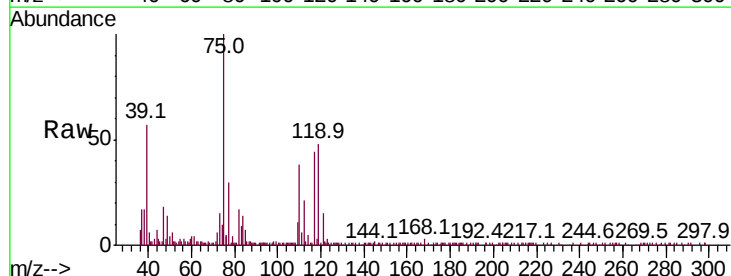
Tgt Ion: 75 Resp: 37031

Ion Ratio Lower Upper

75 100

110 39.0 18.3 54.9

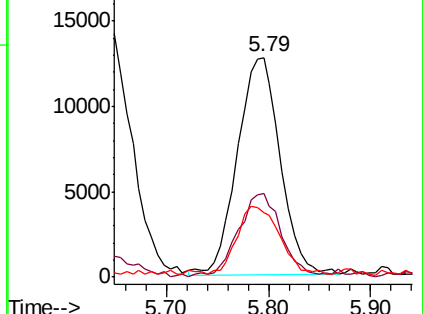
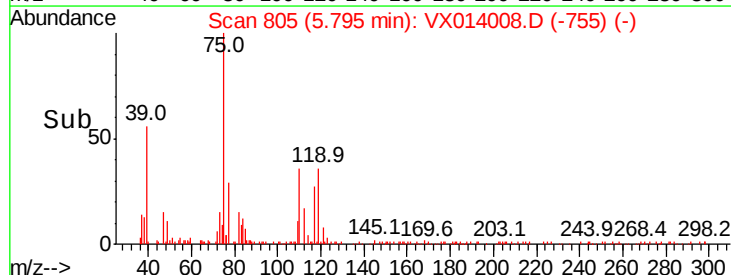
77 30.8 24.8 37.2

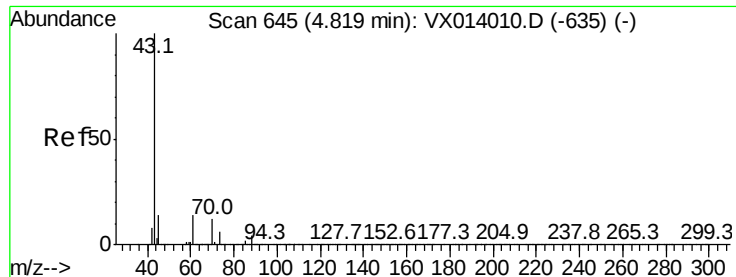


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 4.976 ug/l

RT: 4.83 min Scan# 646

Delta R.T. 0.01 min

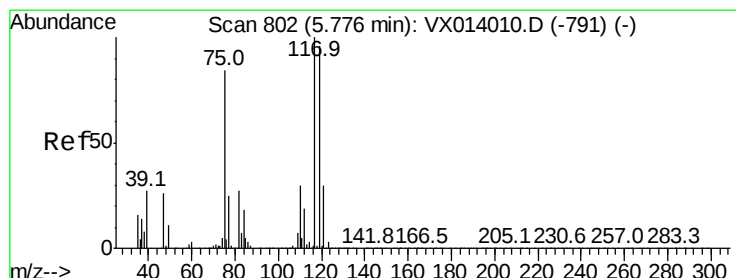
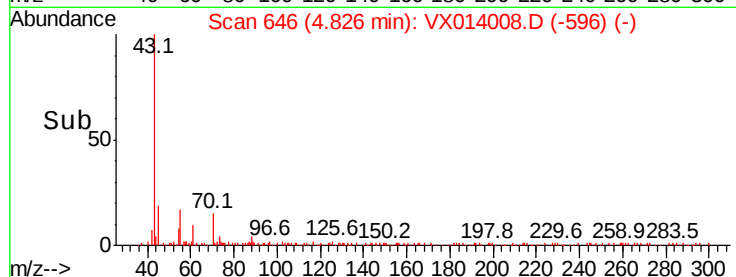
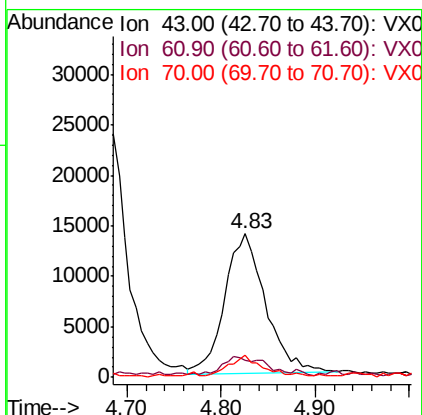
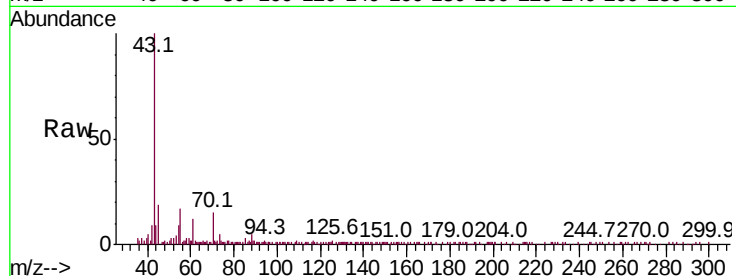
Lab File: VX014008.D

Acq: 13 Dec 2019 15:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion: 43 Resp: 41790

Ion	Ratio	Lower	Upper
43	100		
61	13.2	10.8	16.2
70	10.4	8.6	12.8



#38

Carbon Tetrachloride

Concen: 4.697 ug/l

RT: 5.77 min Scan# 801

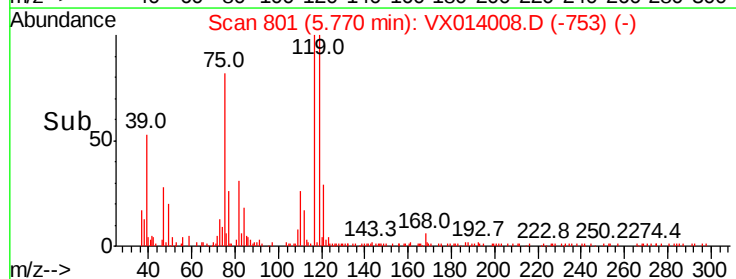
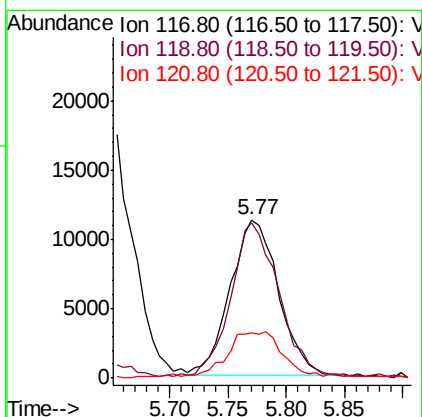
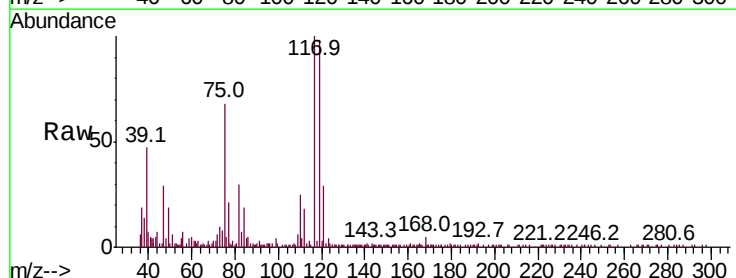
Delta R.T. -0.01 min

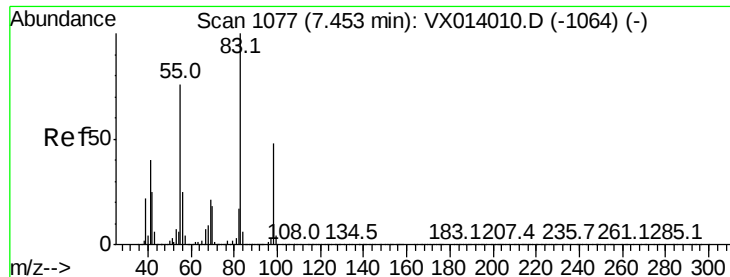
Lab File: VX014008.D

Acq: 13 Dec 2019 15:12

Tgt Ion: 117 Resp: 32620

Ion	Ratio	Lower	Upper
117	100		
119	98.4	76.2	114.4
121	27.8	23.6	35.4

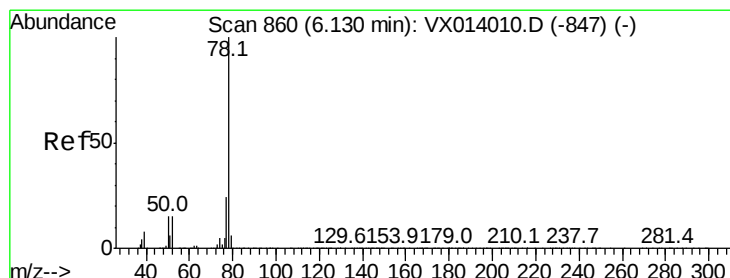
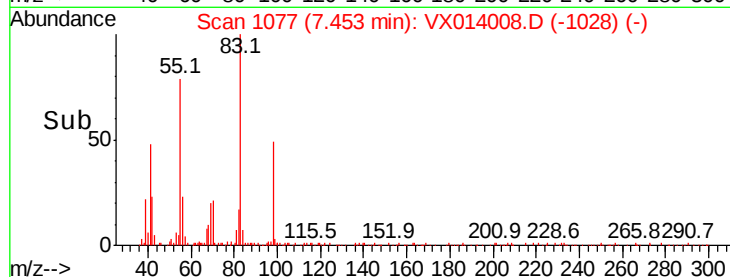
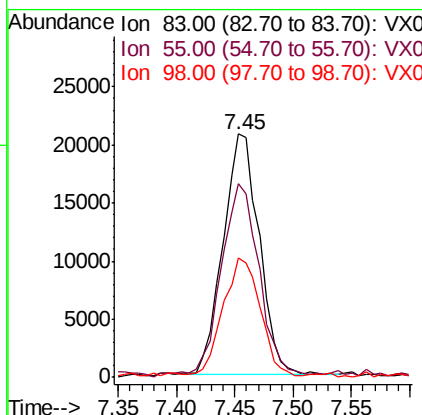
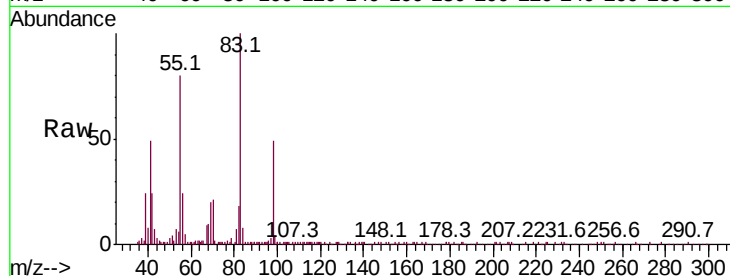




#39
Methvlcvclohexane
Concen: 4.796 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VX014008.D
Acq: 13 Dec 2019 15:12

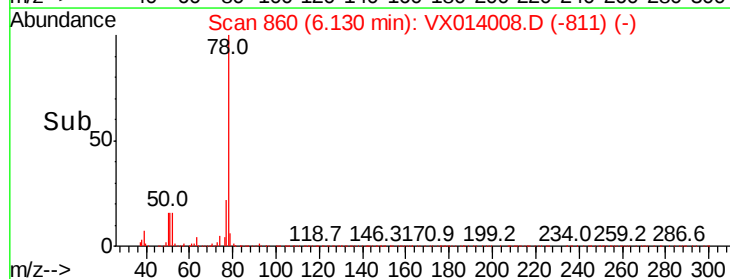
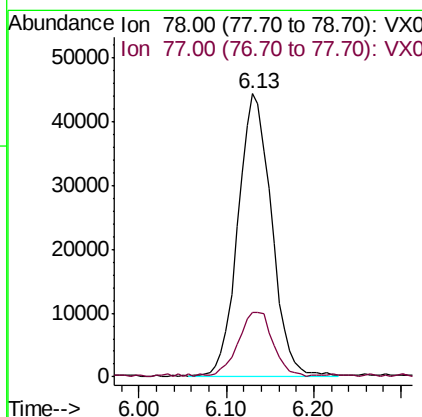
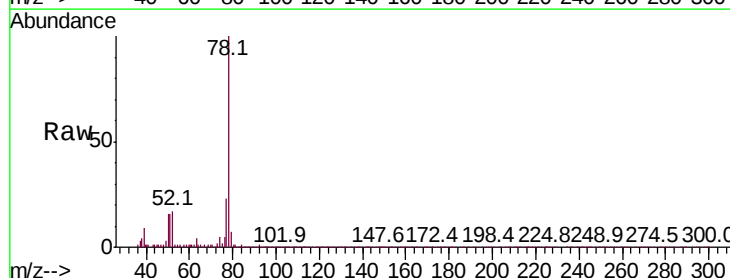
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

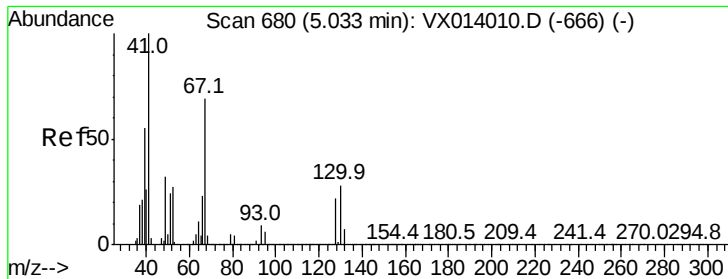
Tot Ion	Ratio	Lower	Upper
83	100		
55	78.8	61.0	91.6
98	49.2	38.6	57.8



#40
Benzene
Concen: 5.119 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX014008.D
Acq: 13 Dec 2019 15:12

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.6	18.8	28.2

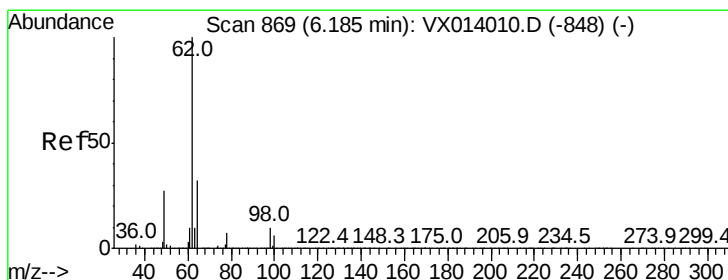
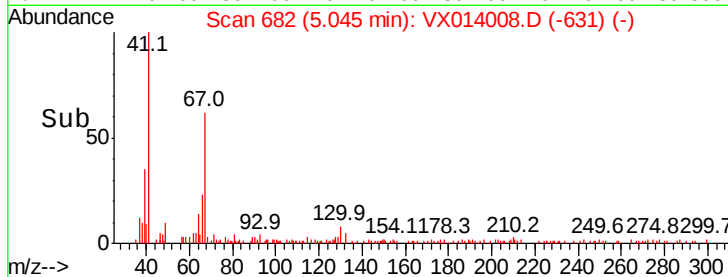
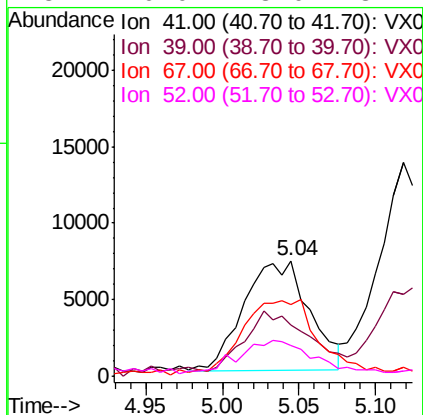
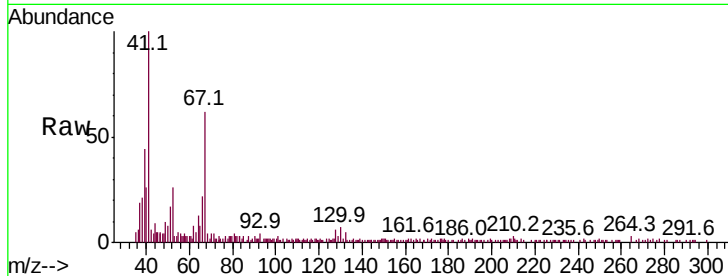




#41
Methacrylonitrile
Concen: 4.646 ug/l
RT: 5.04 min Scan# 682
Delta R.T. 0.01 min
Lab File: VX014008.D
Acq: 13 Dec 2019 15:12

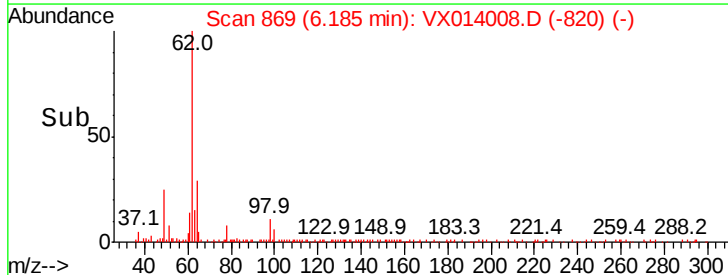
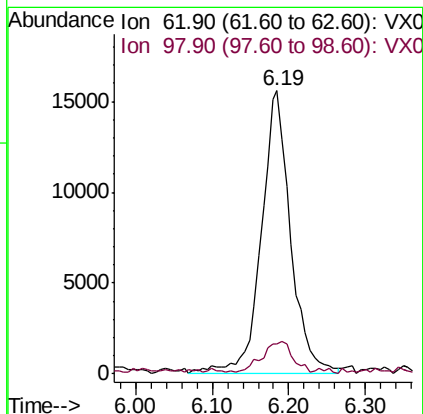
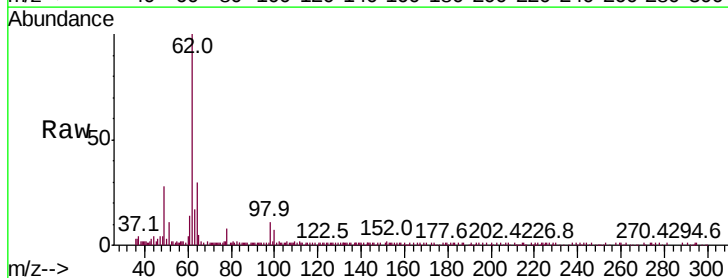
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

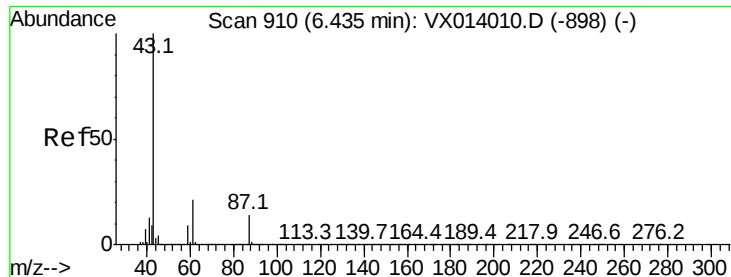
Tot Ion:	41	Resp:	21299
Ion	Ratio	Lower	Upper
41	100		
39	0.0	44.5	66.7#
67	80.3	57.4	86.0
52	0.0	23.0	34.4#



#42
1,2-Dichloroethane
Concen: 5.333 ug/l
RT: 6.19 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX014008.D
Acq: 13 Dec 2019 15:12

Tgt Ion:	62	Resp:	41725
Ion	Ratio	Lower	Upper
62	100		
98	11.8	0.0	21.0





#43

Isopropyl Acetate

Concen: 4.909 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX014008.D

Acq: 13 Dec 2019 15:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

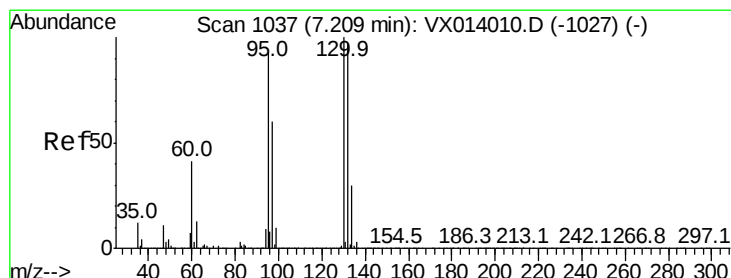
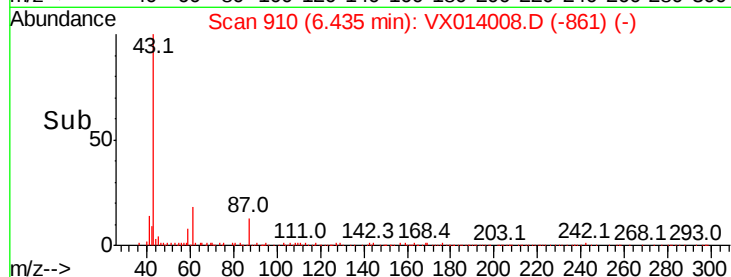
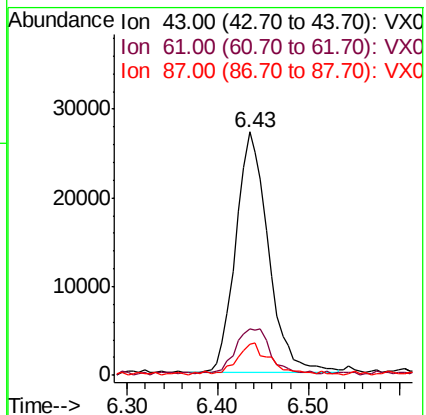
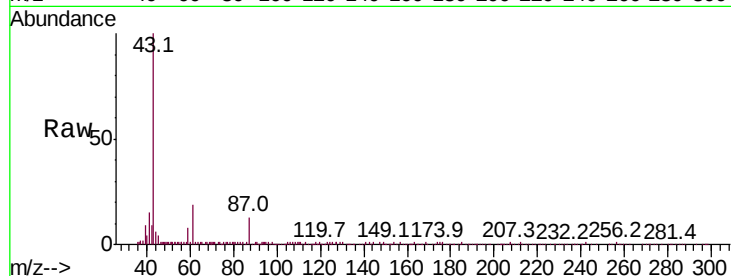
Tot Ion: 43 Resp: 68104

Ion Ratio Lower Upper

43 100

61 19.4 16.4 24.6

87 12.1 10.7 16.1



#44

Trichloroethene

Concen: 5.096 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX014008.D

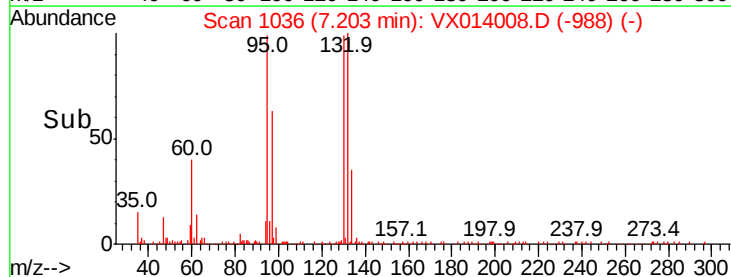
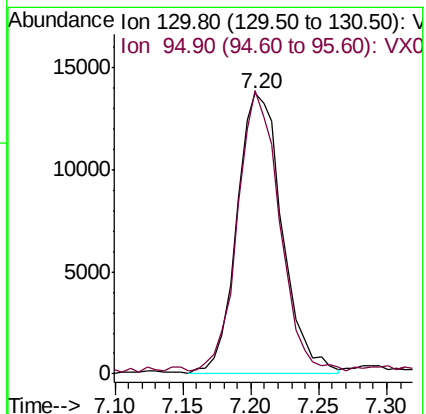
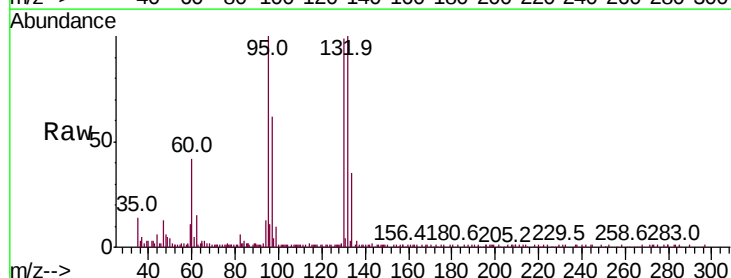
Acq: 13 Dec 2019 15:12

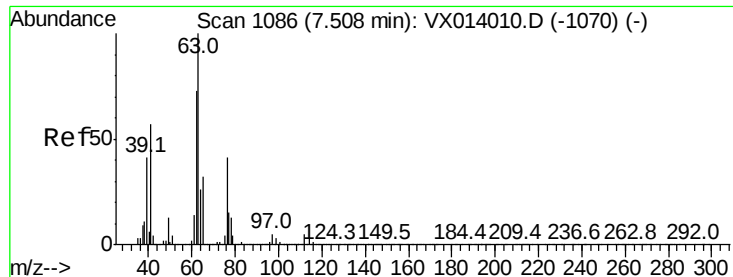
Tgt Ion: 130 Resp: 32022

Ion Ratio Lower Upper

130 100

95 99.7 0.0 185.6





#45

1,2-Dichloropropane

Concen: 5.259 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX014008.D

Acq: 13 Dec 2019 15:12

Instrument :

MSVOA_X

ClientSampleId :

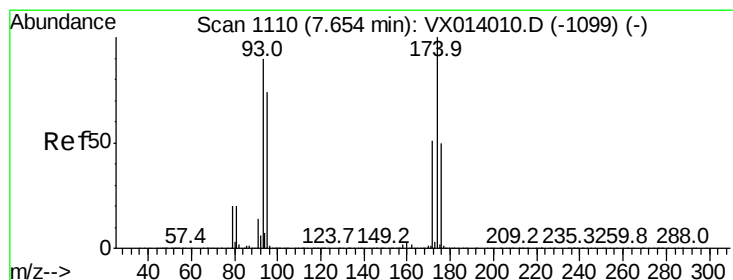
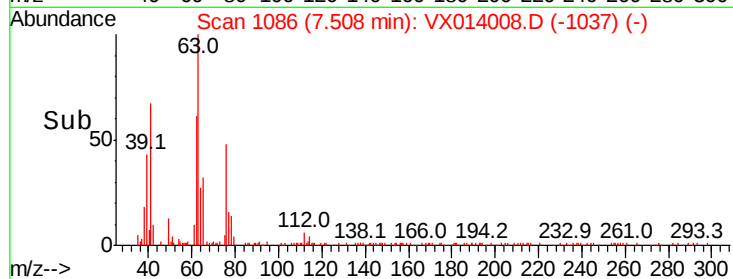
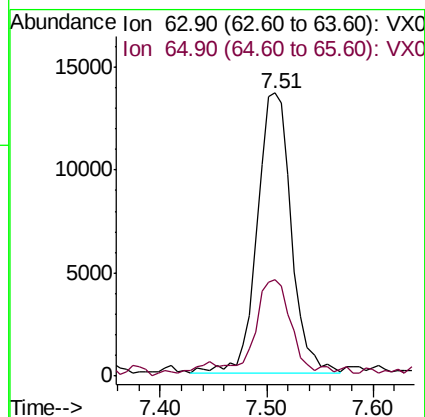
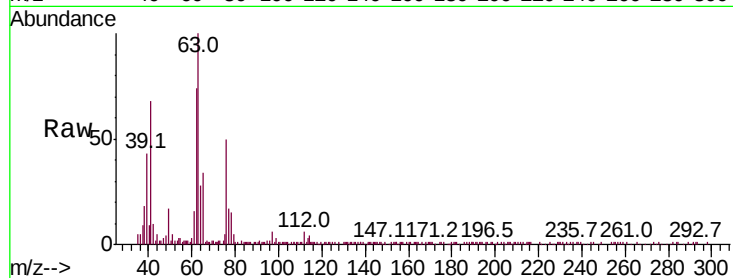
VSTDIC005

Tot Ion: 63 Resp: 30292

Ion Ratio Lower Upper

63 100

65 32.2 25.8 38.8



#46

Dibromomethane

Concen: 4.751 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX014008.D

Acq: 13 Dec 2019 15:12

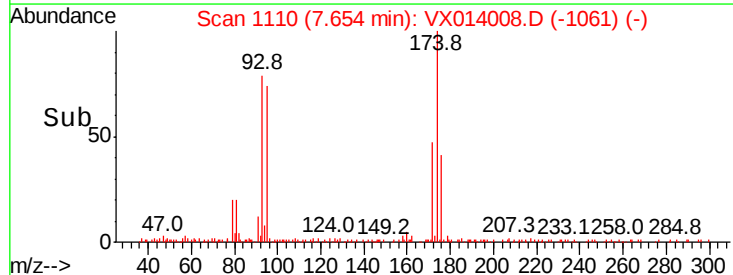
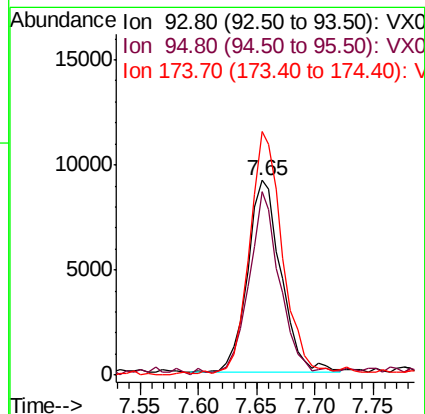
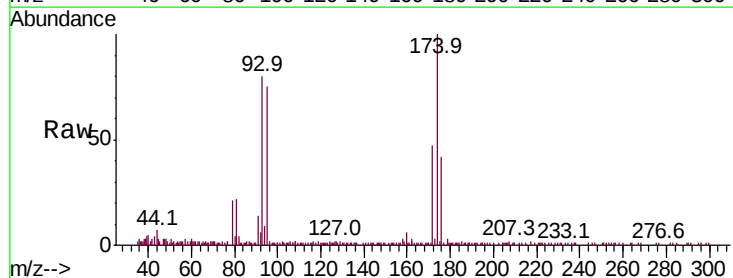
Tgt Ion: 93 Resp: 18520

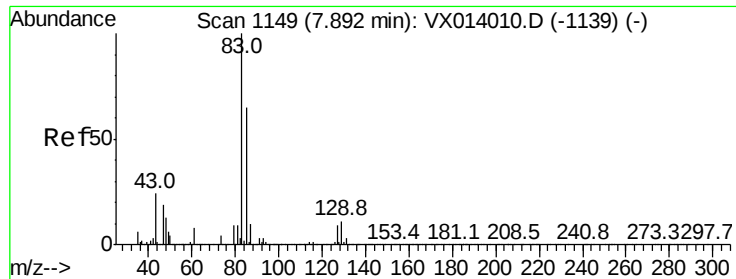
Ion Ratio Lower Upper

93 100

95 82.2 67.3 100.9

174 121.4 91.6 137.4





#47

Bromodichloromethane

Concen: 4.711 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014008.D

Acq: 13 Dec 2019 15:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

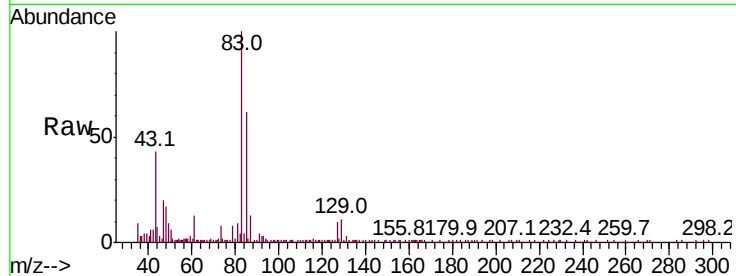
Tot Ion: 83 Resp: 34707

Ion Ratio Lower Upper

83 100

85 61.9 51.8 77.8

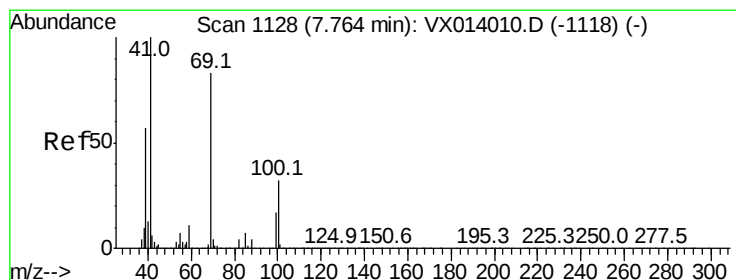
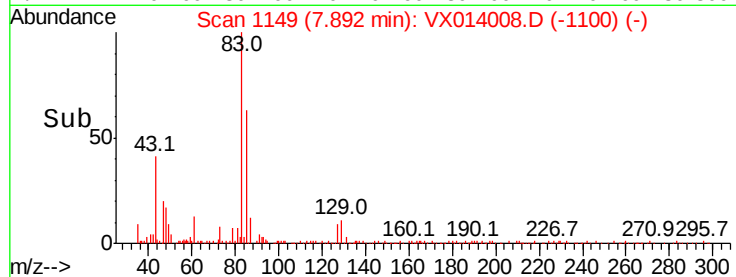
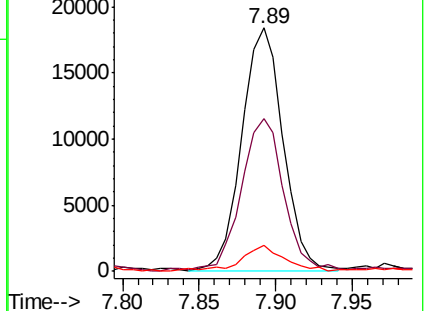
127 9.5 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 4.726 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX014008.D

Acq: 13 Dec 2019 15:12

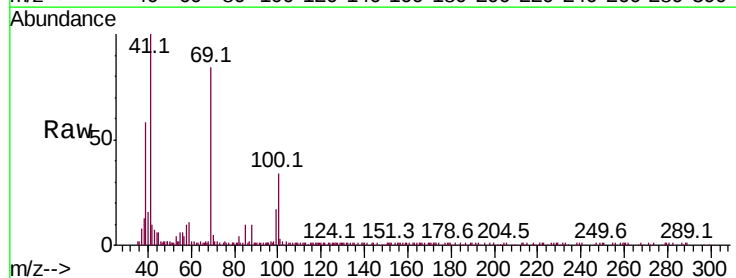
Tgt Ion: 41 Resp: 31789

Ion Ratio Lower Upper

41 100

69 80.1 65.8 98.6

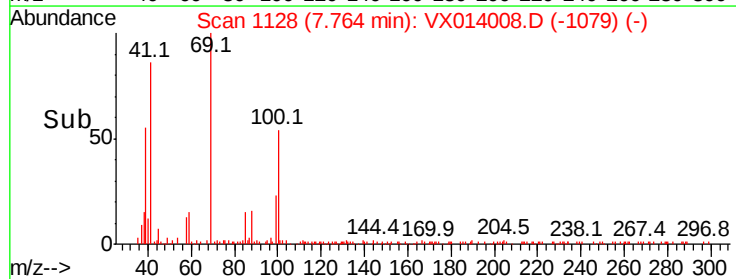
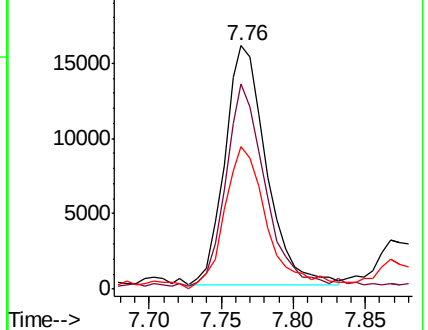
39 62.6 44.6 67.0

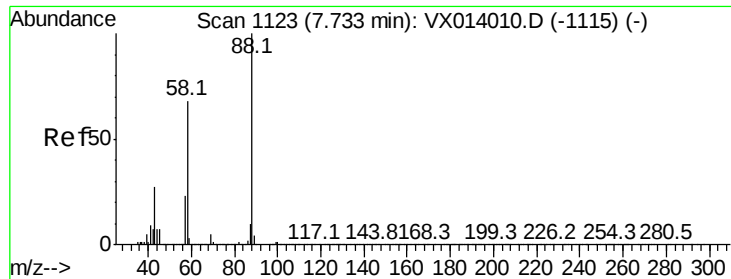


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 105.356 ug/l

RT: 7.74 min Scan# 1124

Delta R.T. 0.01 min

Lab File: VX014008.D

Acq: 13 Dec 2019 15:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

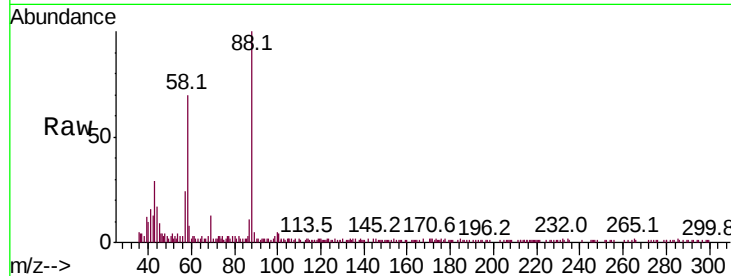
Tot Ion: 88 Resp: 15607

Ion Ratio Lower Upper

88 100

43 50.4 26.5 39.7#

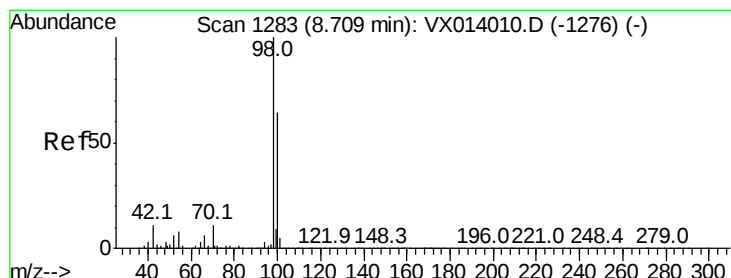
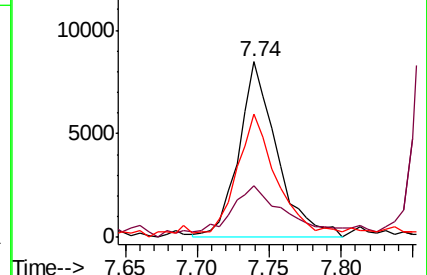
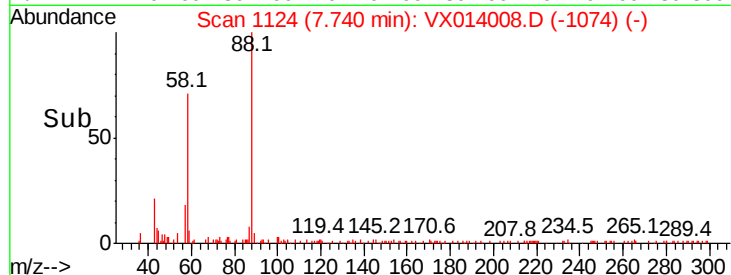
58 68.8 56.8 85.2



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 5.092 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014008.D

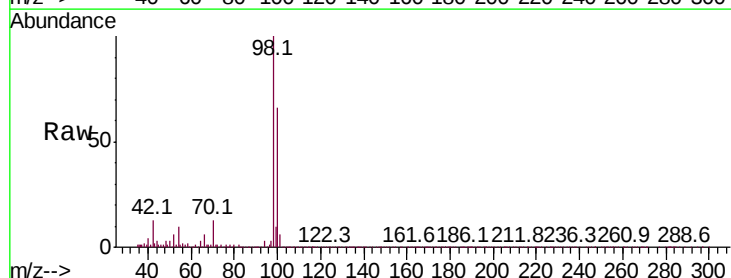
Acq: 13 Dec 2019 15:12

Tgt Ion: 98 Resp: 102565

Ion Ratio Lower Upper

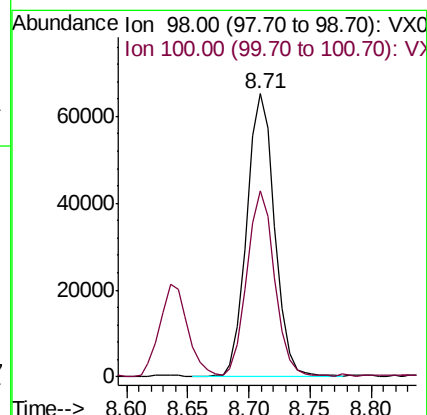
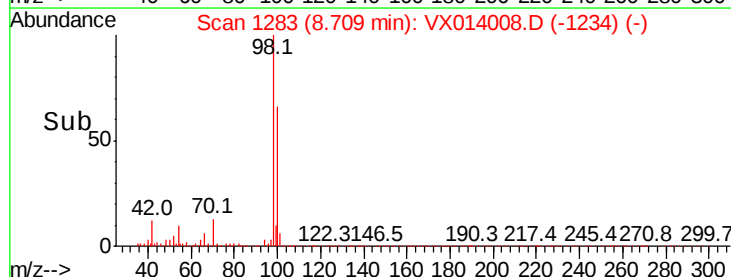
98 100

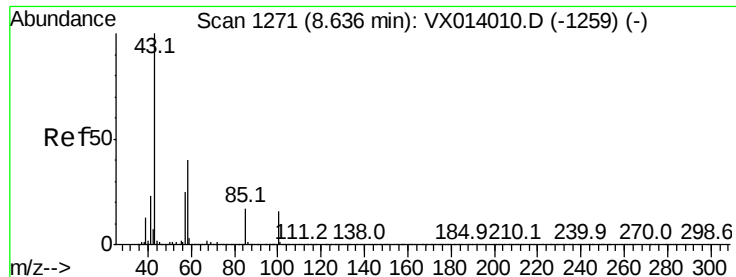
100 65.6 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

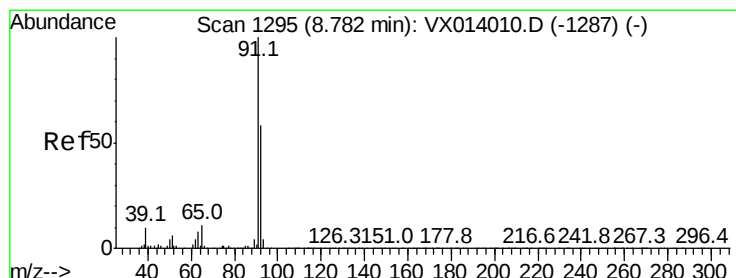
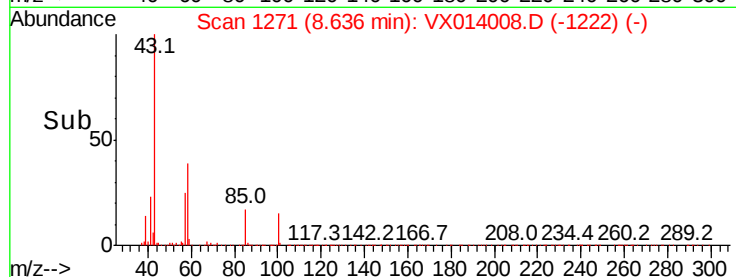
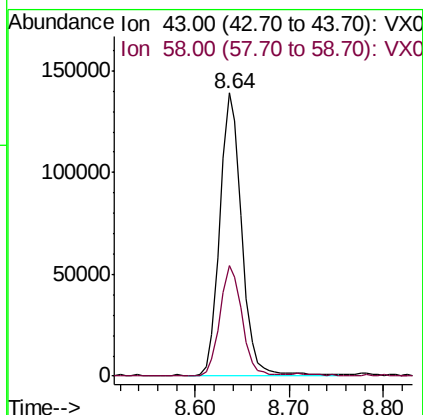
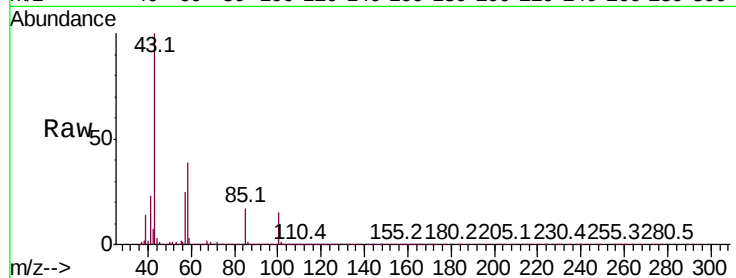




#51
4-Methyl-2-Pentanone
Concen: 25.920 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX014008.D
Acq: 13 Dec 2019 15:12

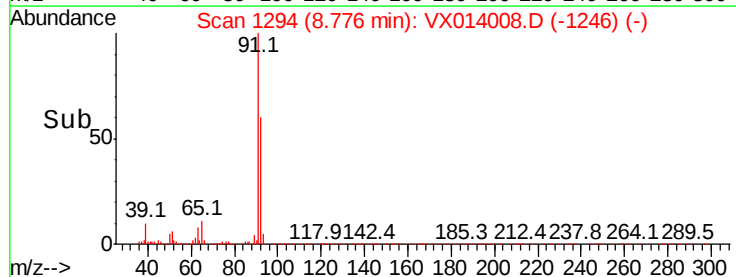
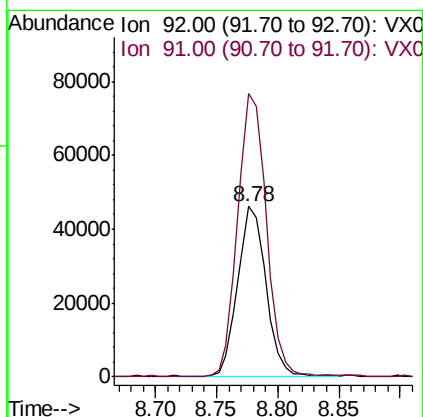
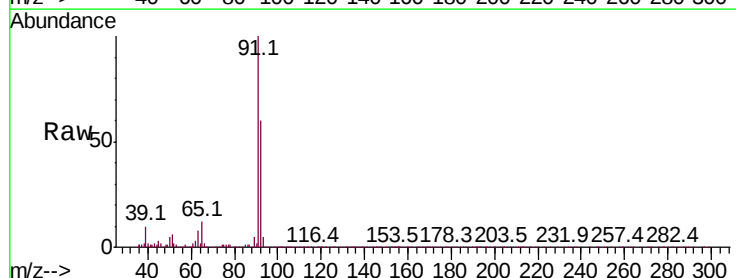
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

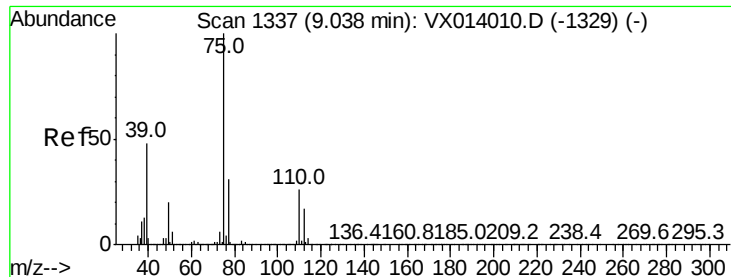
Tot Ion: 43 Resp: 225793
Ion Ratio Lower Upper
43 100
58 38.3 32.2 48.2



#52
Toluene
Concen: 5.133 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.01 min
Lab File: VX014008.D
Acq: 13 Dec 2019 15:12

Tgt Ion: 92 Resp: 73375
Ion Ratio Lower Upper
92 100
91 169.5 136.2 204.4





#53

t-1,3-Dichloropropene

Concen: 4.203 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX014008.D

Acq: 13 Dec 2019 15:12

Instrument :

MSVOA_X

ClientSampleId :

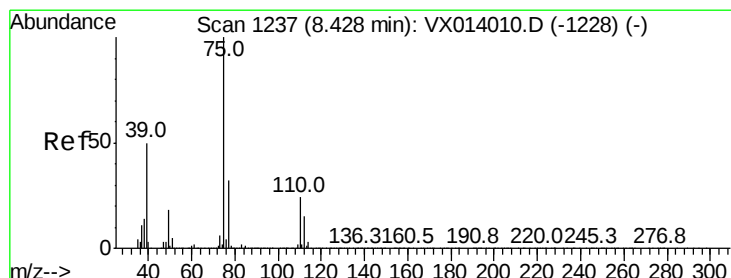
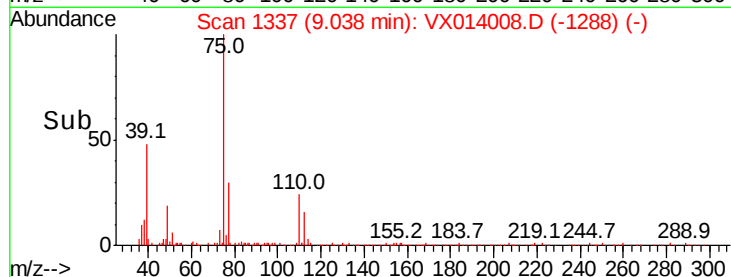
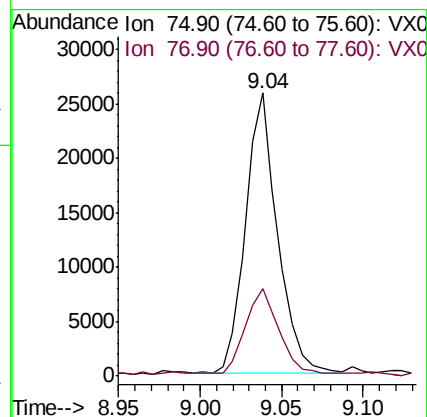
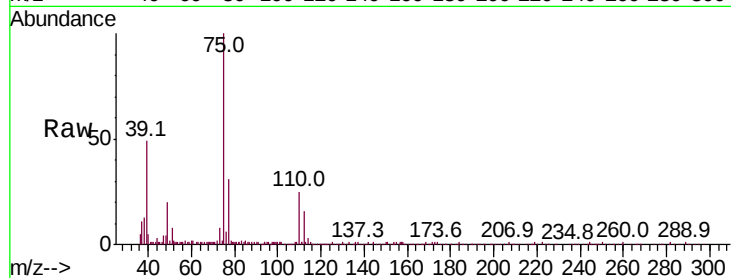
VSTDIC005

Tot Ion: 75 Resp: 35229

Ion Ratio Lower Upper

75 100

77 30.4 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 4.498 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX014008.D

Acq: 13 Dec 2019 15:12

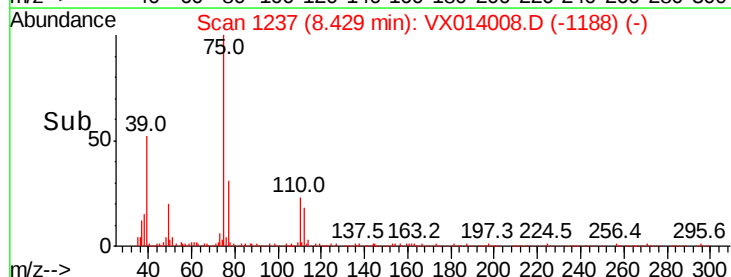
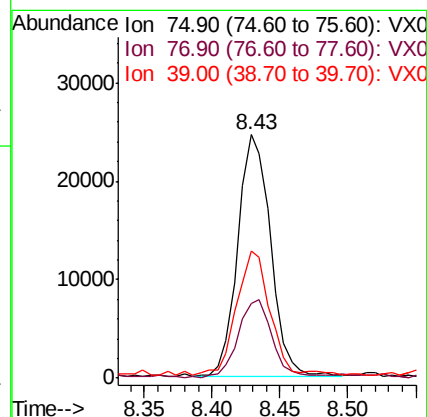
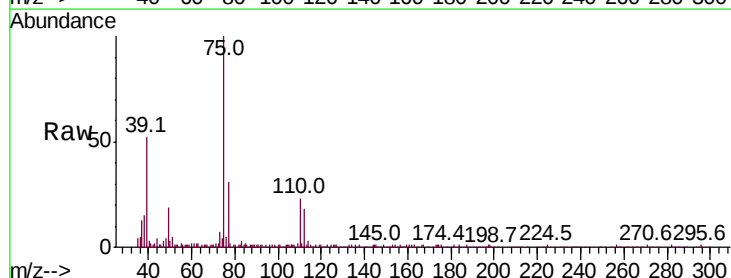
Tgt Ion: 75 Resp: 41221

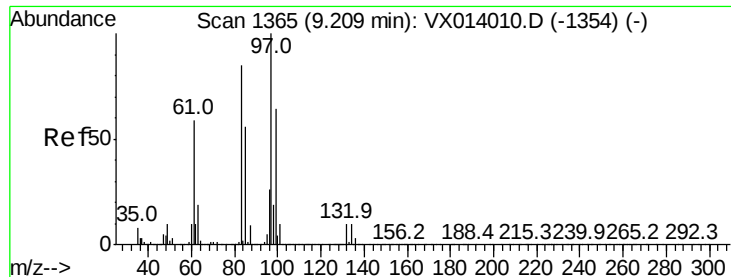
Ion Ratio Lower Upper

75 100

77 30.2 25.3 37.9

39 51.5 39.9 59.9





#55

1,1,2-Trichloroethane

Concen: 4.972 ug/l

RT: 9.21 min Scan# 1365

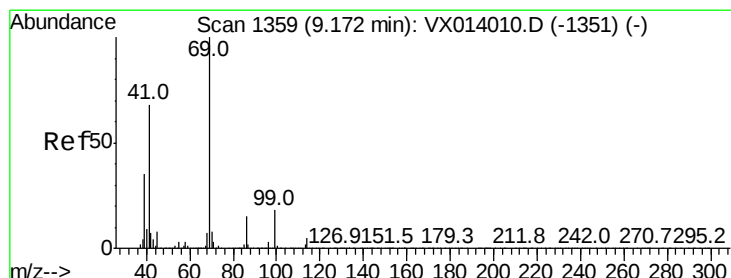
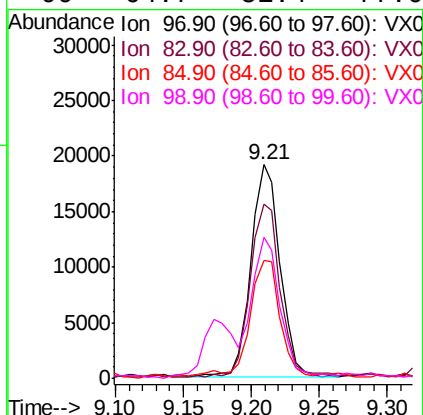
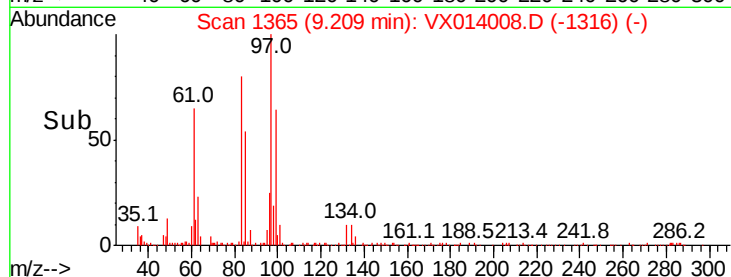
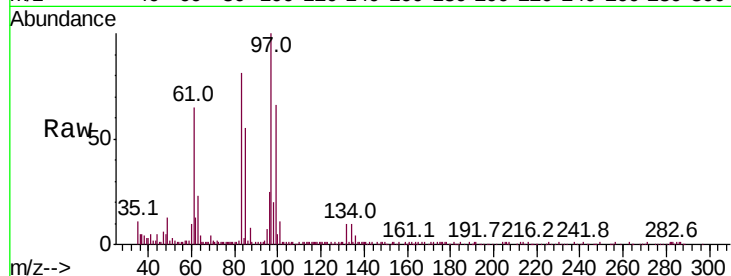
Delta R.T. 0.00 min

Lab File: VX014008.D

Acq: 13 Dec 2019 15:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion:	97	Resp:	28600
Ion	Ratio	Lower	Upper
97	100		
83	80.6	68.2	102.4
85	54.1	44.6	66.8
99	64.7	51.4	77.0



#56

Ethyl methacrylate

Concen: 4.702 ug/l

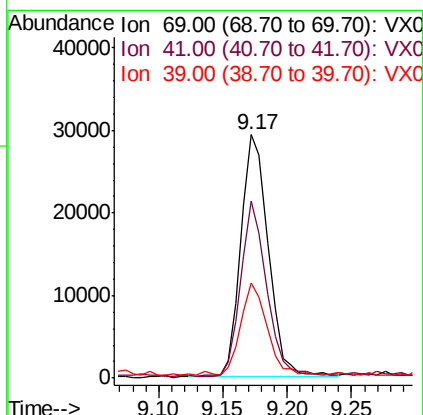
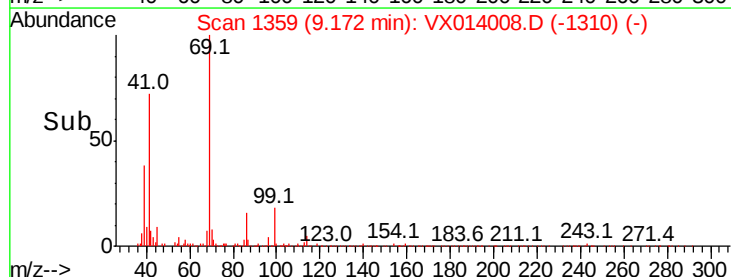
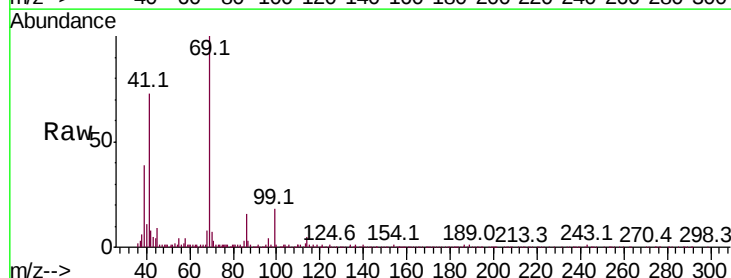
RT: 9.17 min Scan# 1359

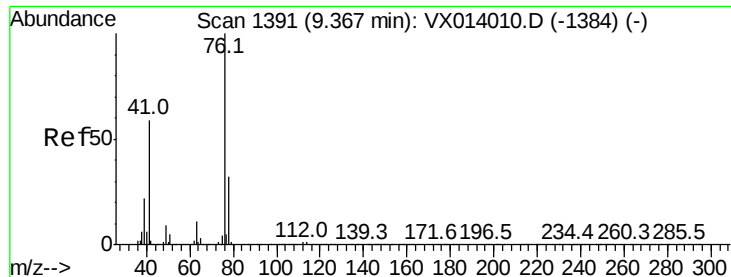
Delta R.T. 0.00 min

Lab File: VX014008.D

Acq: 13 Dec 2019 15:12

Tgt Ion:	69	Resp:	43557
Ion	Ratio	Lower	Upper
69	100		
41	67.9	54.8	82.2
39	37.0	28.3	42.5





#57

1,3-Dichloropropane

Concen: 5.020 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX014008.D

Acq: 13 Dec 2019 15:12

Instrument :

MSVOA_X

ClientSampleId :

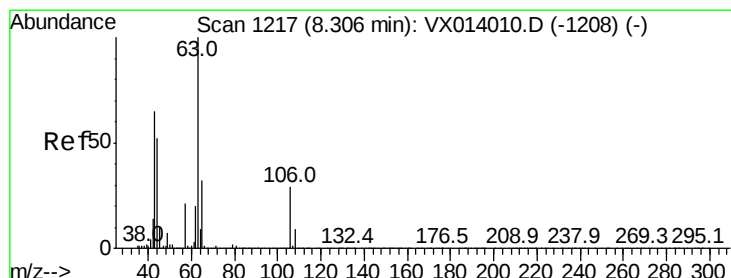
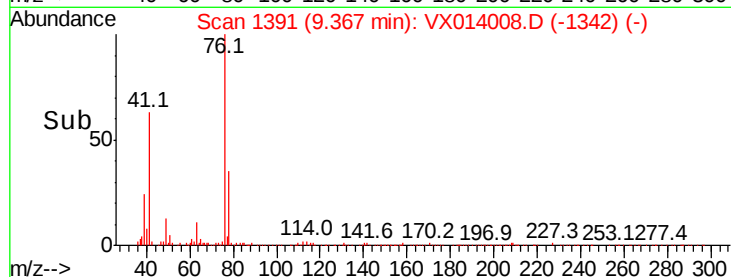
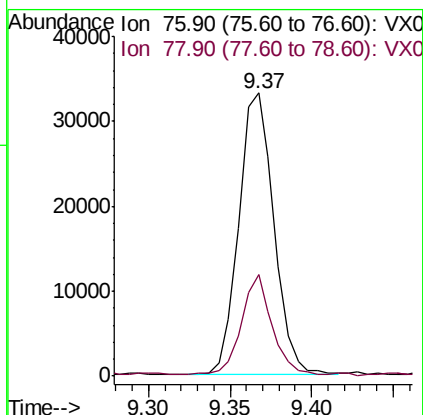
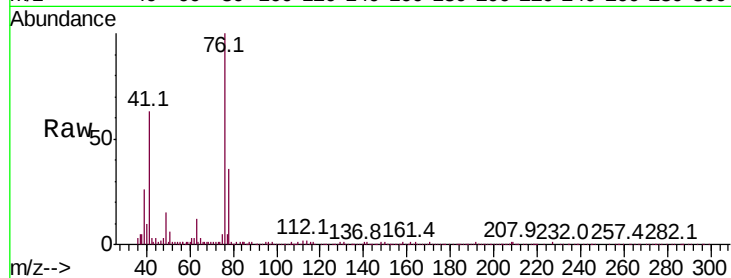
VSTDIC005

Tot Ion: 76 Resp: 49837

Ion Ratio Lower Upper

76 100

78 30.6 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 23.748 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX014008.D

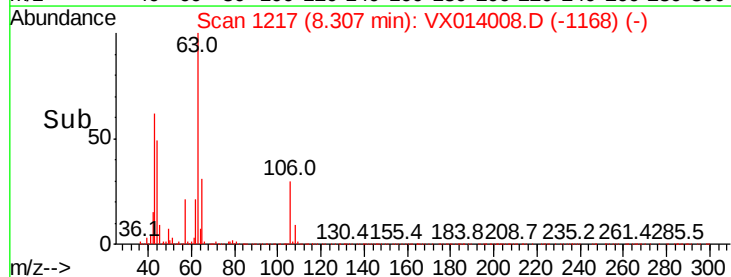
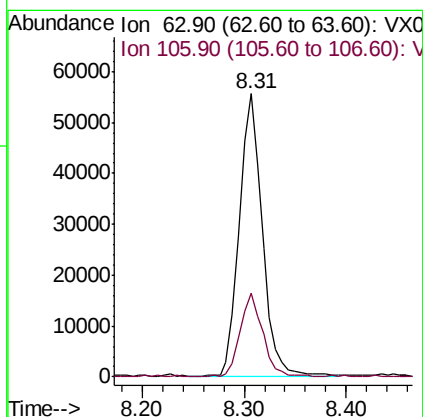
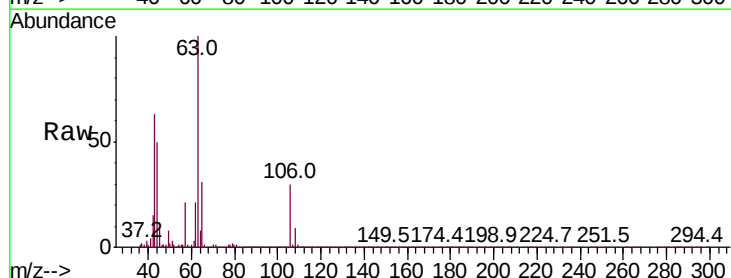
Acq: 13 Dec 2019 15:12

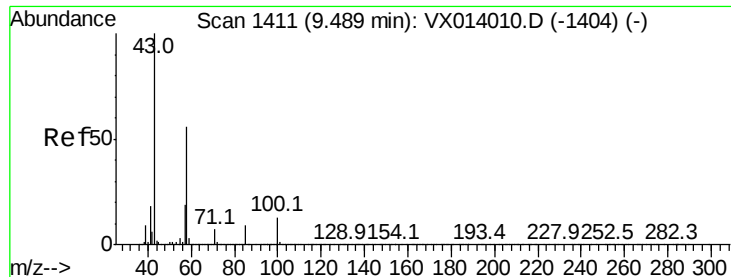
Tgt Ion: 63 Resp: 86243

Ion Ratio Lower Upper

63 100

106 29.5 23.0 34.6

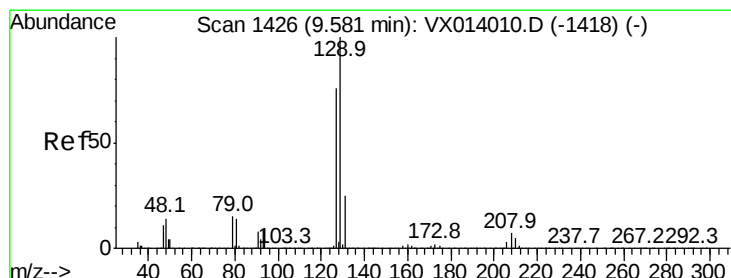
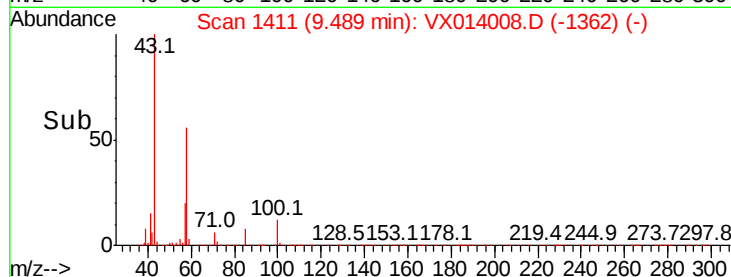
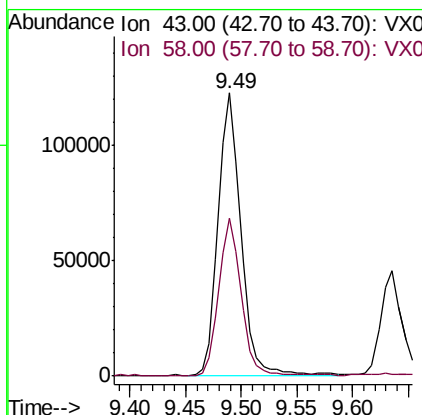
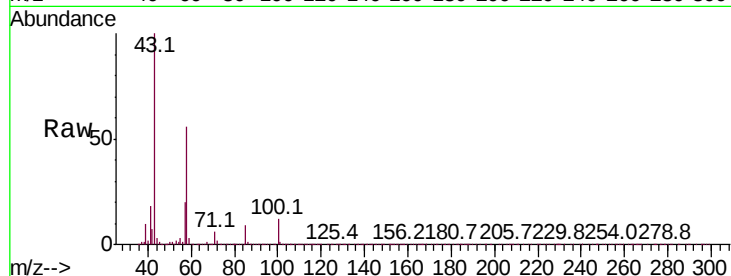




#59
2-Hexanone
Concen: 25.443 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.00 min
Lab File: VX014008.D
Acq: 13 Dec 2019 15:12

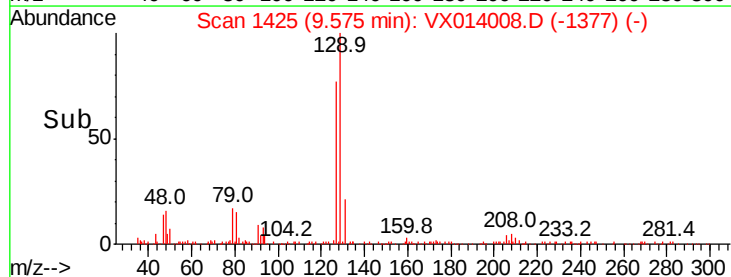
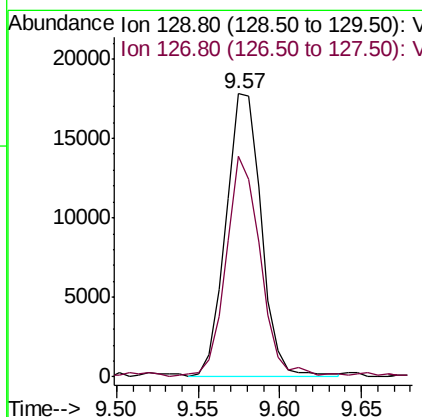
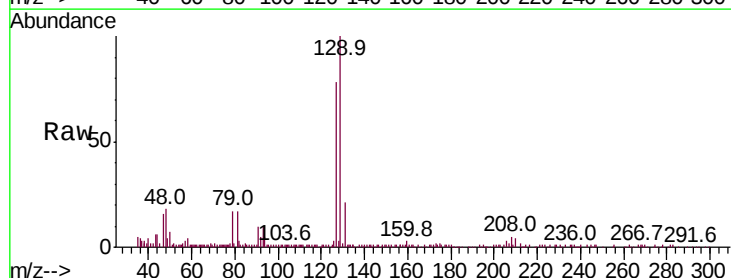
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

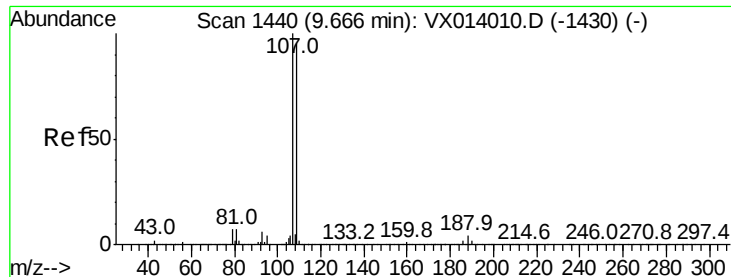
Tot Ion: 43 Resp: 174409
Ion Ratio Lower Upper
43 100
58 54.7 28.0 84.0



#60
Dibromochloromethane
Concen: 4.470 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014008.D
Acq: 13 Dec 2019 15:12

Tgt Ion: 129 Resp: 26591
Ion Ratio Lower Upper
129 100
127 75.5 38.4 115.2





#61

1,2-Dibromoethane

Concen: 4.644 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014008.D

Acq: 13 Dec 2019 15:12

Instrument :

MSVOA_X

ClientSampleId :

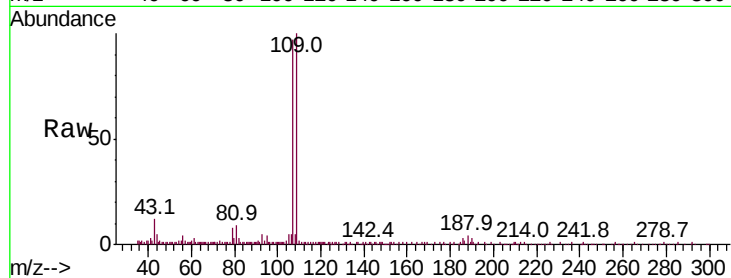
VSTDIC005

Tot Ion:107 Resp: 28498

Ion Ratio Lower Upper

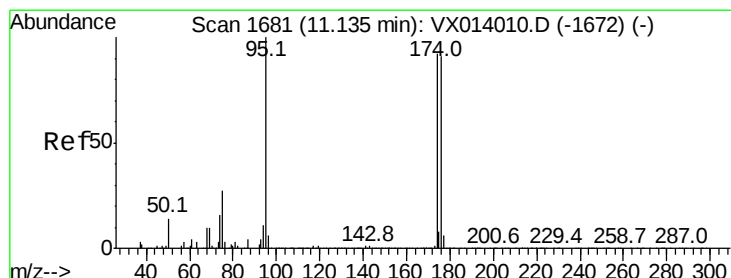
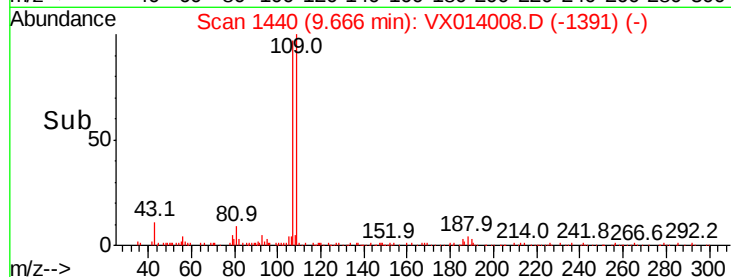
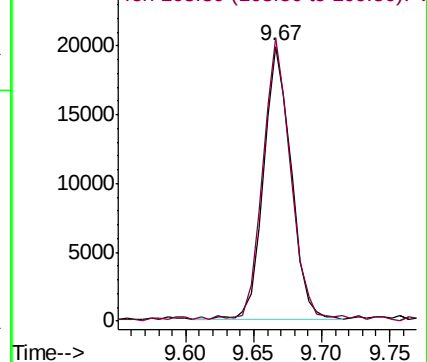
107 100

109 102.4 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 4.956 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX014008.D

Acq: 13 Dec 2019 15:12

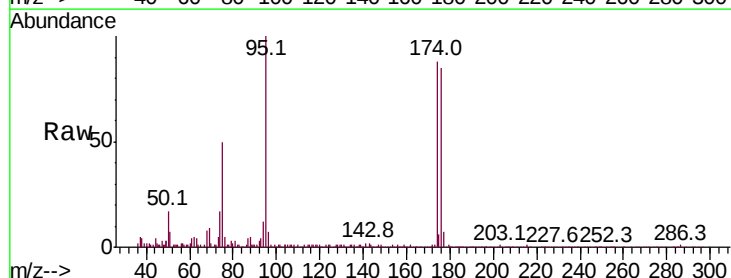
Tgt Ion: 95 Resp: 36096

Ion Ratio Lower Upper

95 100

174 88.0 0.0 175.8

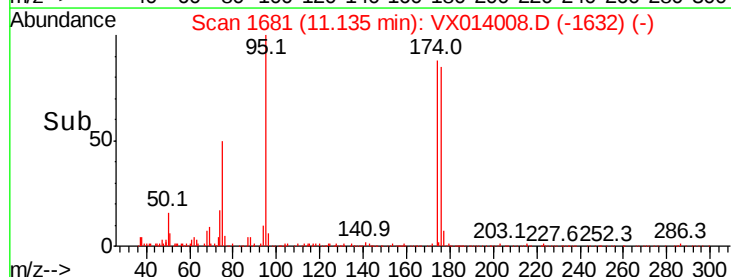
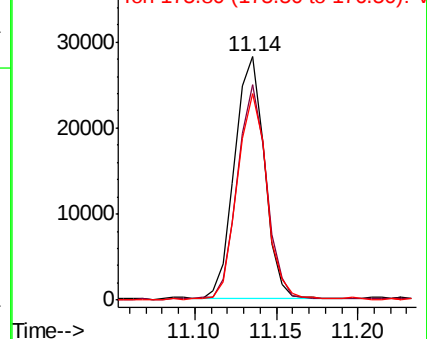
176 85.6 0.0 173.0

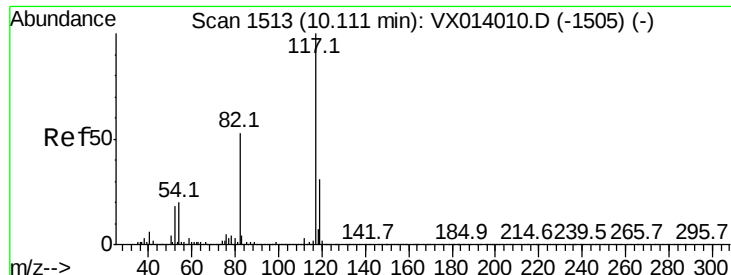


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

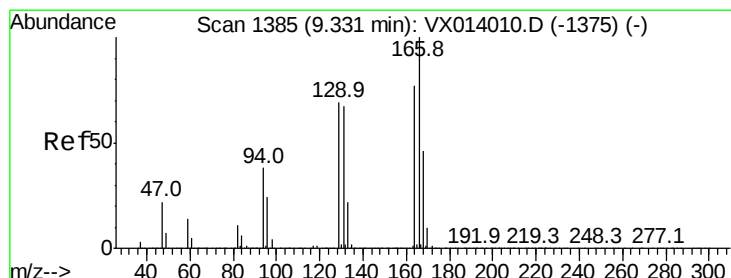
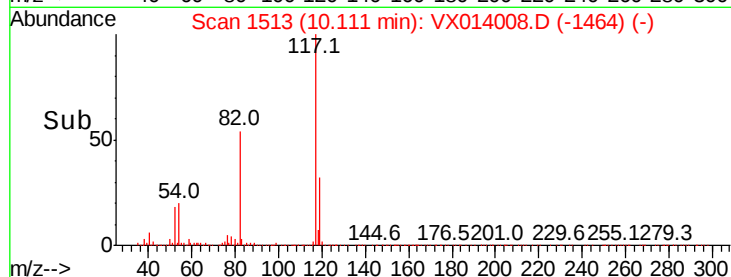
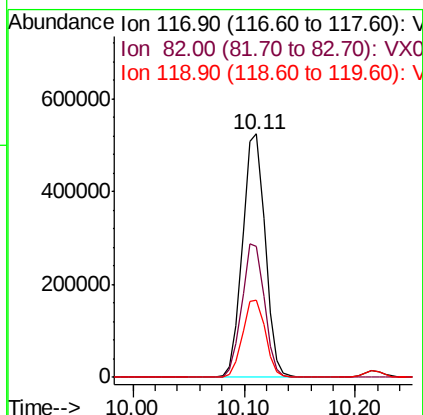
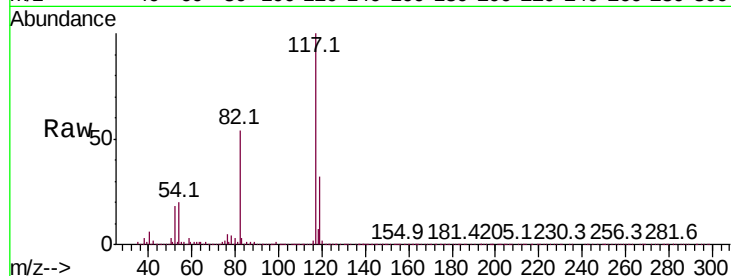




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014008.D
Acq: 13 Dec 2019 15:12

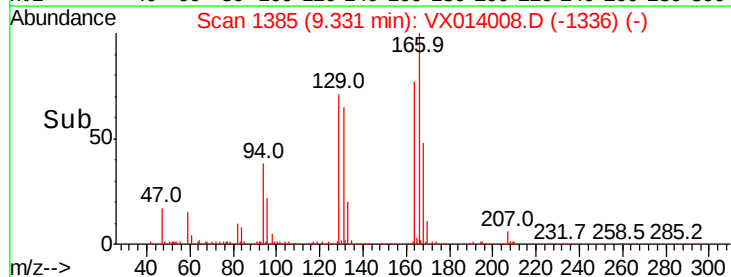
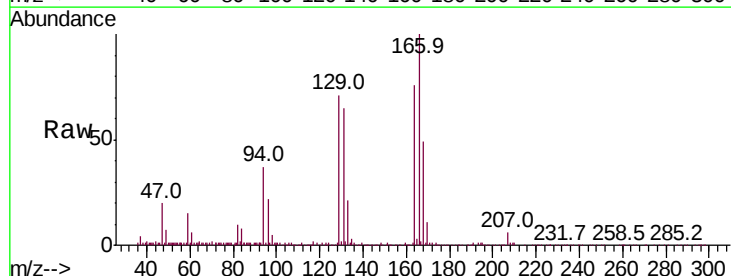
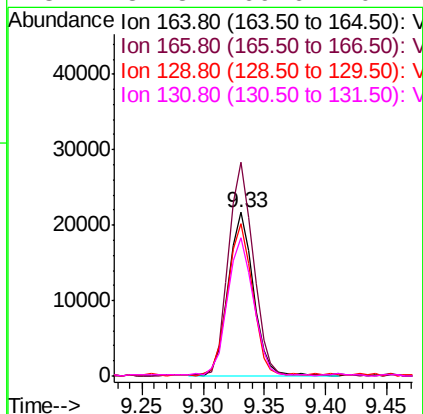
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

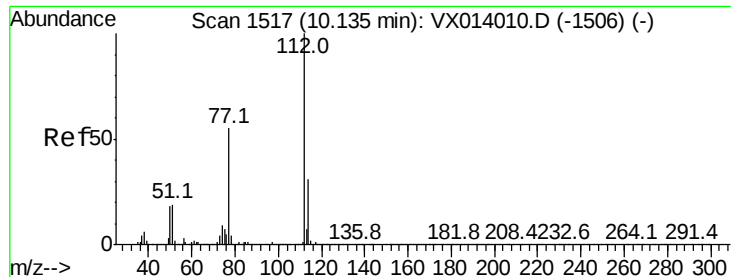
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.6	42.2	63.4
119	31.9	25.1	37.7



#64
Tetrachloroethene
Concen: 5.412 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014008.D
Acq: 13 Dec 2019 15:12

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.2	104.0	156.0
129	93.3	72.2	108.4
131	84.8	69.6	104.4





#65

Chlorobenzene

Concen: 5.128 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX014008.D

Acq: 13 Dec 2019 15:12

Instrument :

MSVOA_X

ClientSampleId :

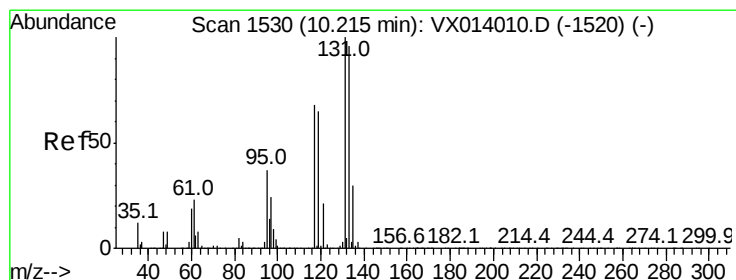
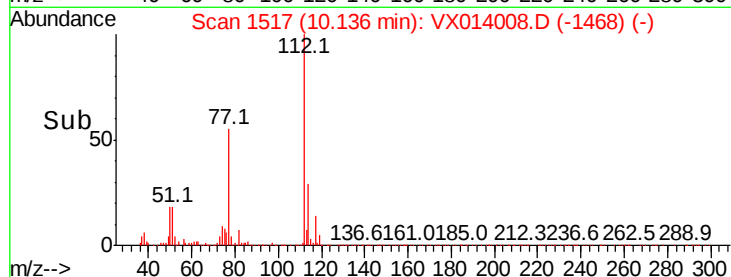
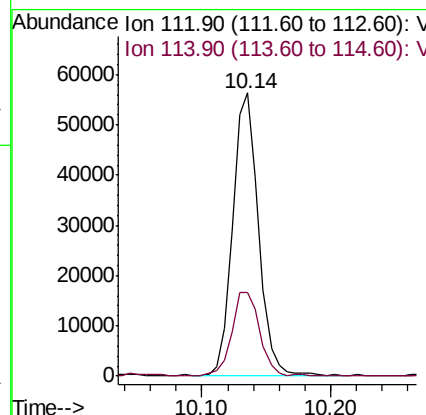
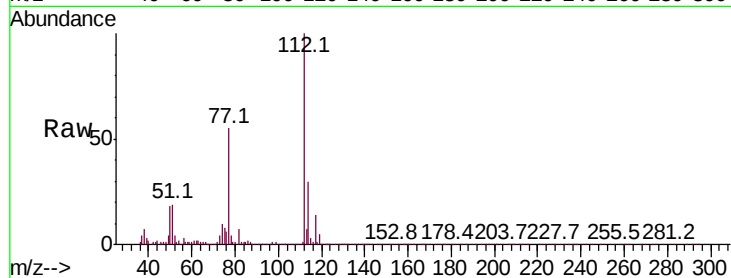
VSTDIC005

Tot Ion:112 Resp: 79345

Ion Ratio Lower Upper

112 100

114 29.4 24.9 37.3



#66

1,1,1,2-Tetrachloroethane

Concen: 4.854 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014008.D

Acq: 13 Dec 2019 15:12

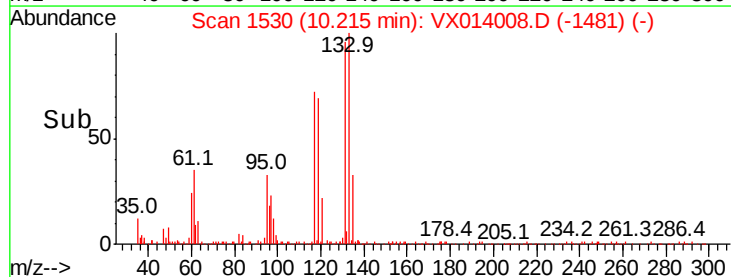
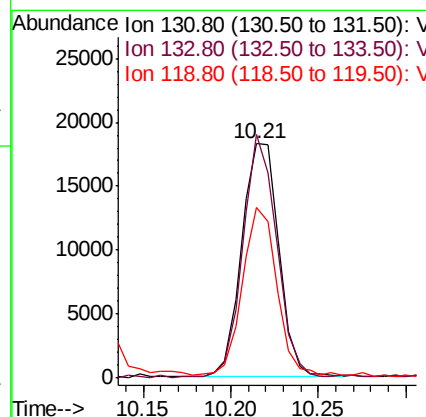
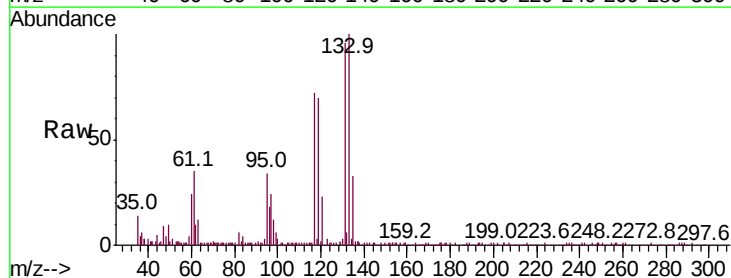
Tgt Ion:131 Resp: 26889

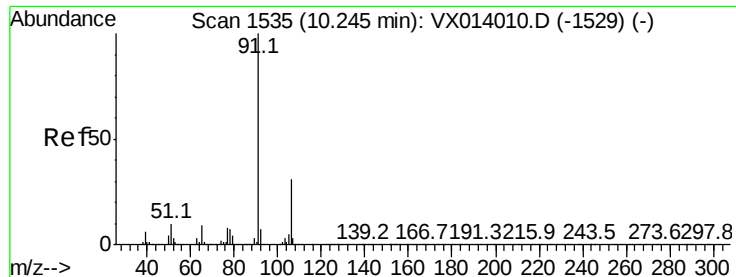
Ion Ratio Lower Upper

131 100

133 93.5 48.0 144.0

119 66.7 33.4 100.2





#67

Ethyl Benzene

Concen: 5.024 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014008.D

Acq: 13 Dec 2019 15:12

Instrument :

MSVOA_X

ClientSampleId :

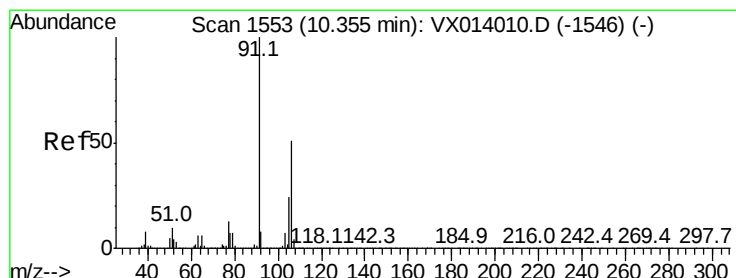
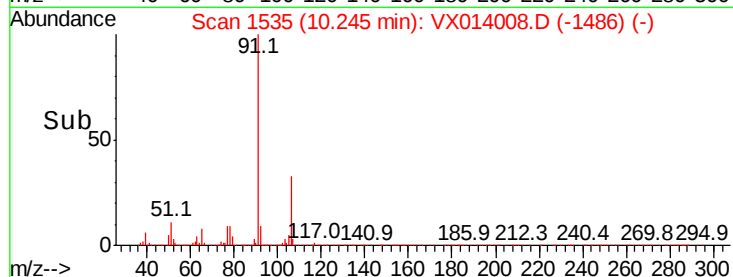
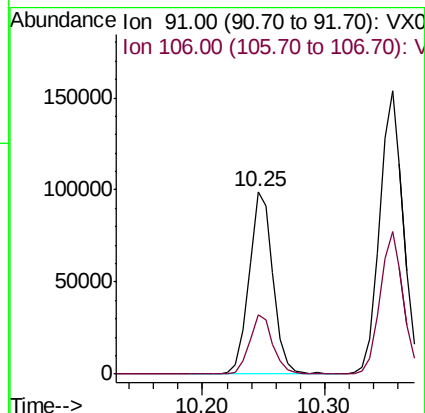
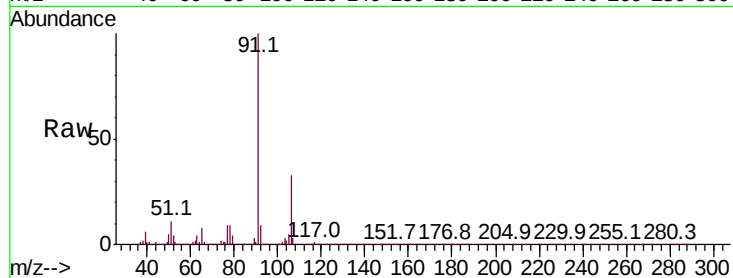
VSTDIC005

Tot Ion: 91 Resp: 133408

Ion Ratio Lower Upper

91 100

106 32.8 25.0 37.6



#68

m/p-Xylenes

Concen: 10.088 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014008.D

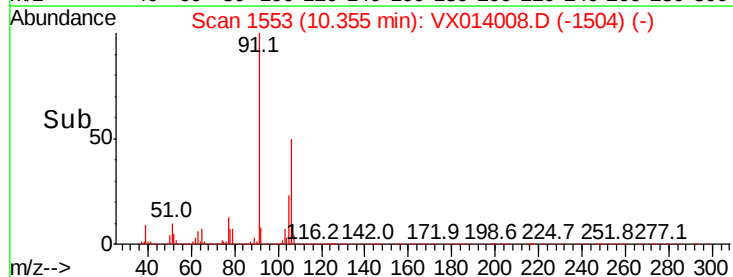
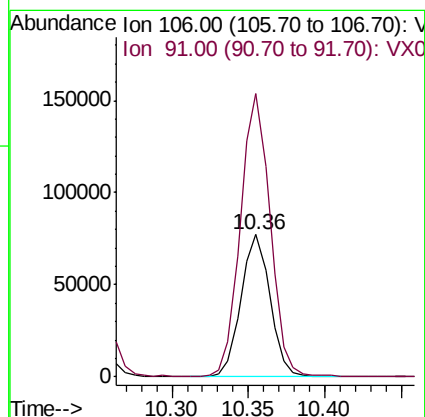
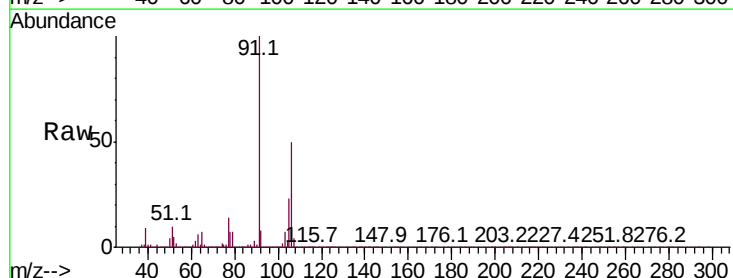
Acq: 13 Dec 2019 15:12

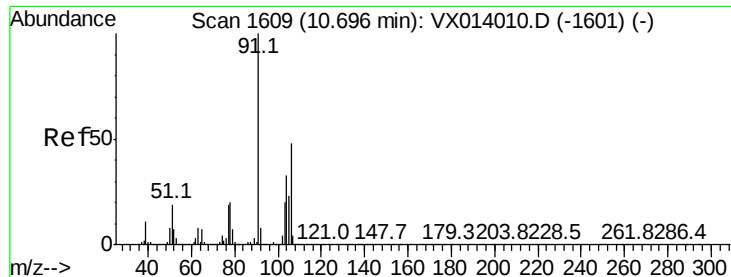
Tgt Ion: 106 Resp: 102703

Ion Ratio Lower Upper

106 100

91 200.9 158.6 238.0

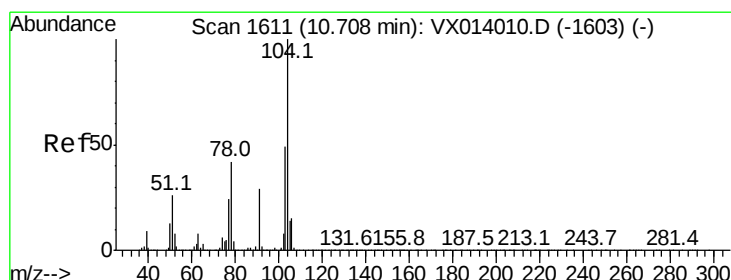
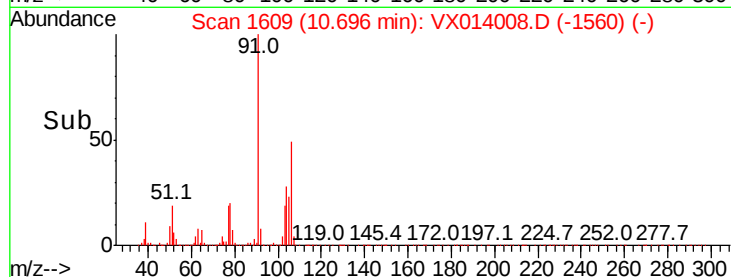
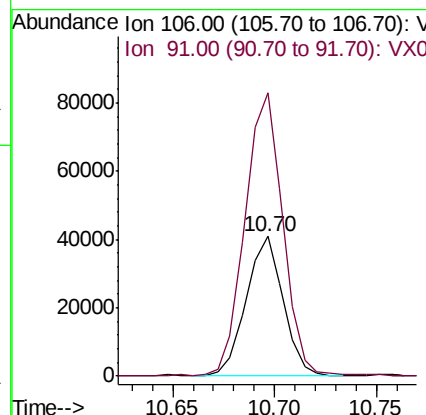
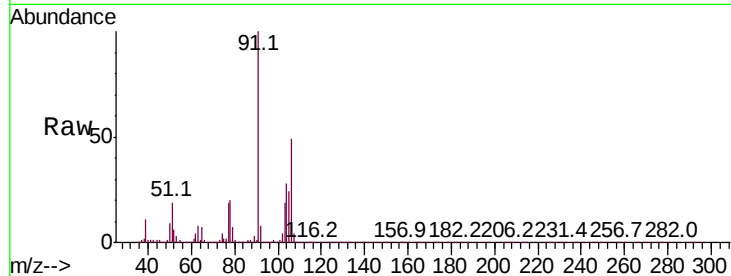




#69
o-Xylene
Concen: 5.141 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014008.D
Acq: 13 Dec 2019 15:12

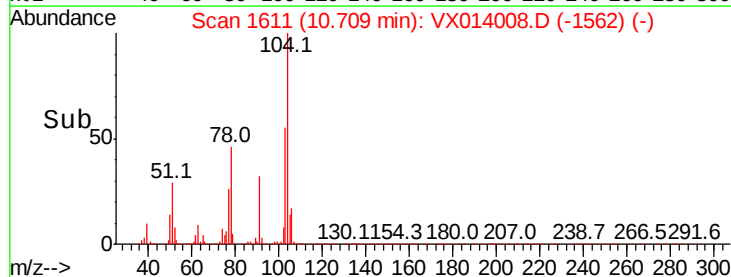
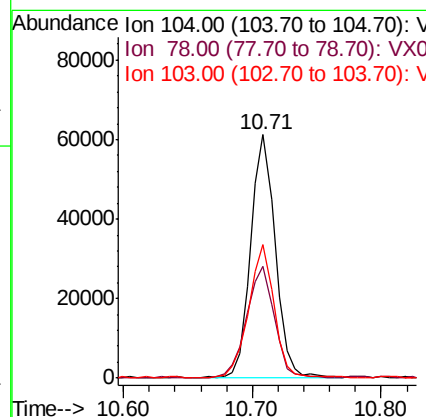
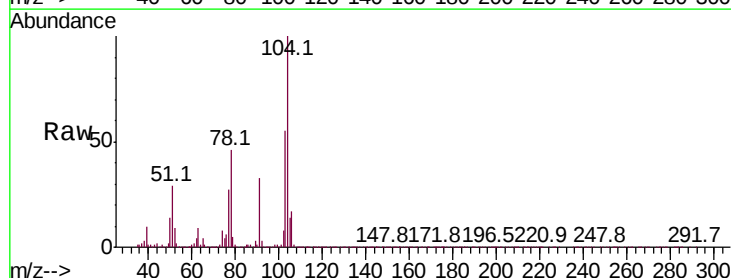
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

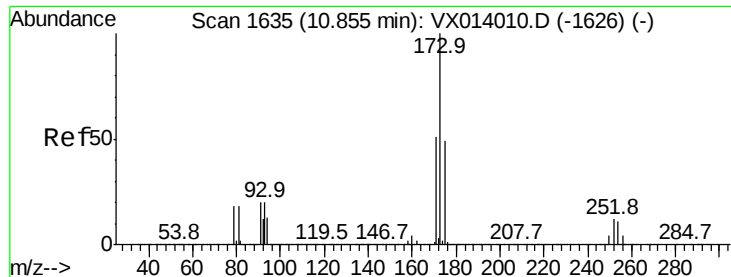
Tot Ion:106 Resp: 51045
Ion Ratio Lower Upper
106 100
91 209.6 104.2 312.6



#70
Styrene
Concen: 4.760 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014008.D
Acq: 13 Dec 2019 15:12

Tgt Ion:104 Resp: 79726
Ion Ratio Lower Upper
104 100
78 51.5 38.5 57.7
103 57.1 42.9 64.3





#71

Bromoform

Concen: 4.212 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX014008.D

Acq: 13 Dec 2019 15:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

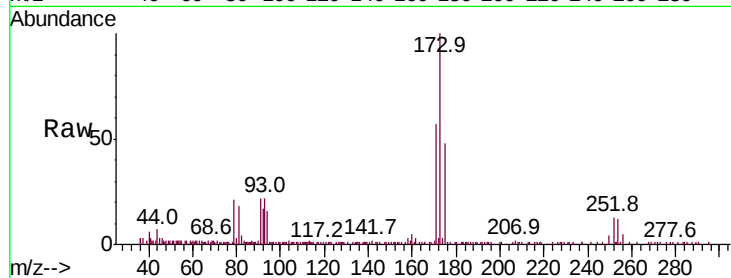
Tot Ion:173 Resp: 19246

Ion Ratio Lower Upper

173 100

175 49.2 24.4 73.4

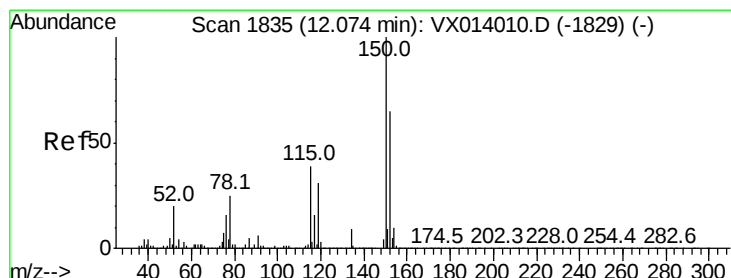
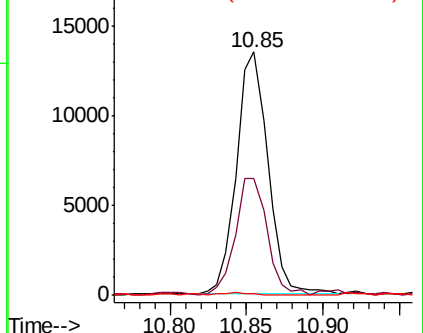
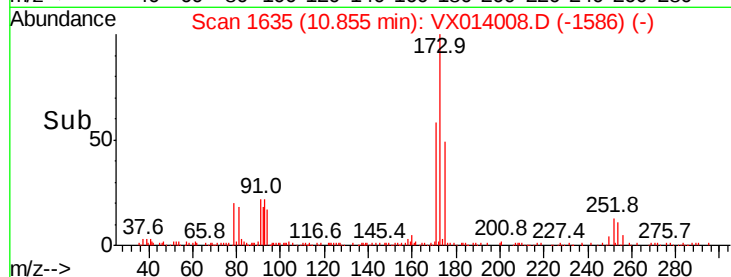
254 1.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014008.D

Acq: 13 Dec 2019 15:12

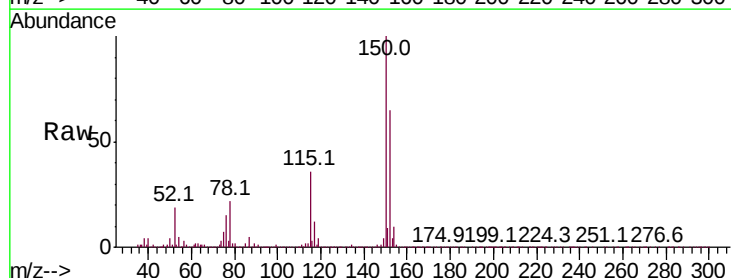
Tgt Ion:152 Resp: 367559

Ion Ratio Lower Upper

152 100

115 56.9 38.3 114.9

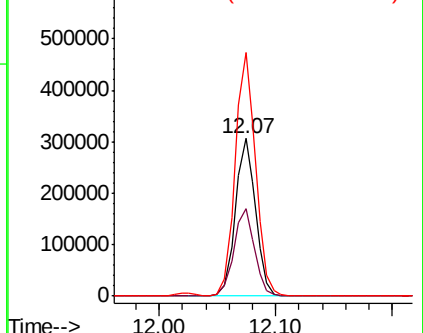
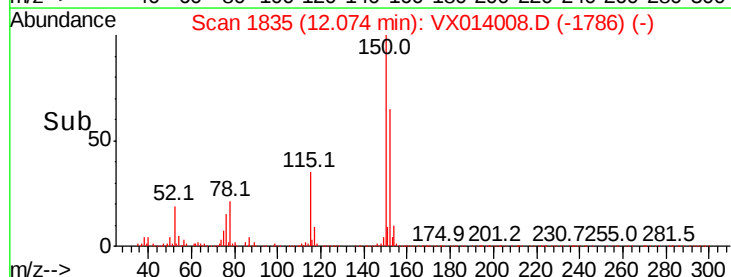
150 157.0 0.0 345.4

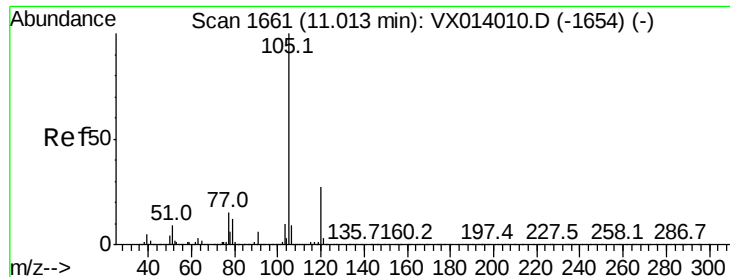


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 5.092 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014008.D

Acq: 13 Dec 2019 15:12

Instrument :

MSVOA_X

ClientSampleId :

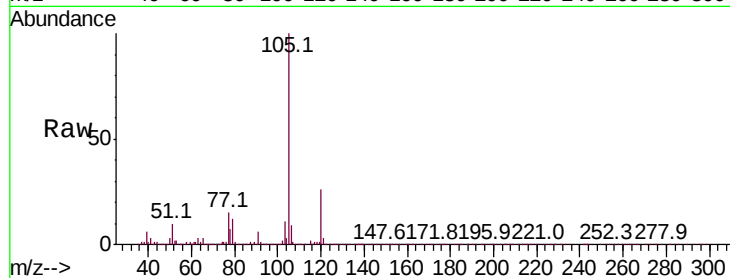
VSTDIC005

Tot Ion:105 Resp: 131468

Ion Ratio Lower Upper

105 100

120 26.3 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.01

100000

80000

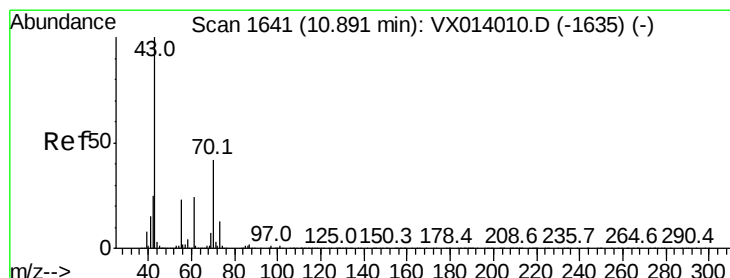
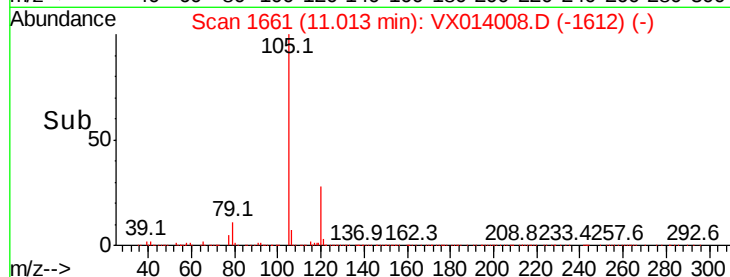
60000

40000

20000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 4.920 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014008.D

Acq: 13 Dec 2019 15:12

Tgt Ion: 43 Resp: 58191

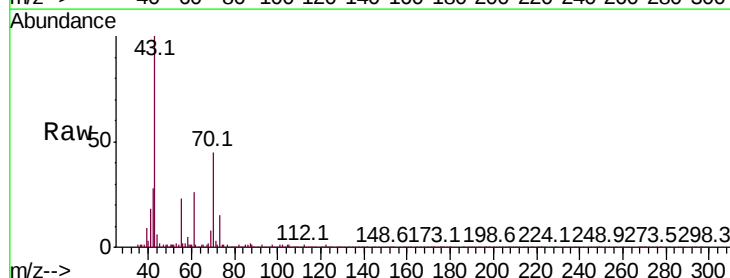
Ion Ratio Lower Upper

43 100

70 43.5 34.4 51.6

55 23.8 19.1 28.7

61 23.8 19.7 29.5



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

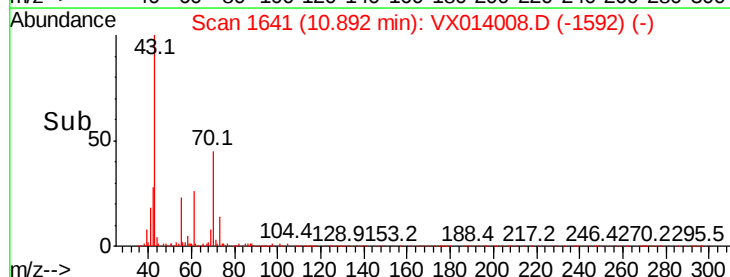
60000

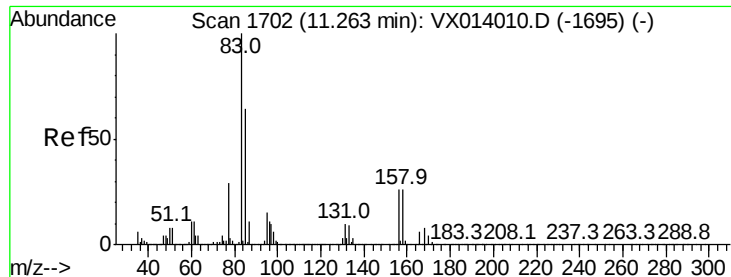
40000

20000

0

Time--> 10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 5.175 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014008.D

Acq: 13 Dec 2019 15:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

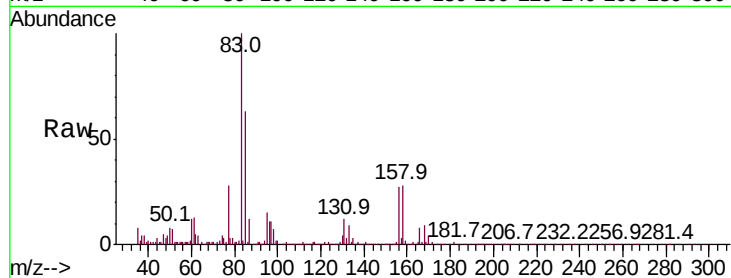
Tot Ion: 83 Resp: 46256

Ion Ratio Lower Upper

83 100

131 10.7 5.1 15.2

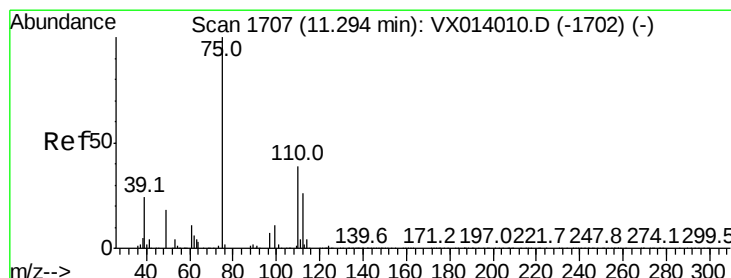
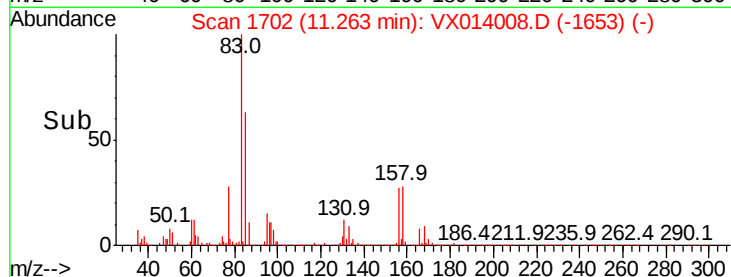
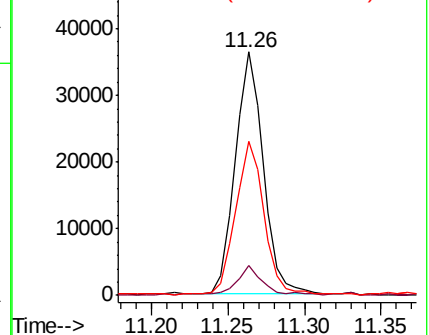
85 64.6 31.9 95.7



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: 5.973 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX014008.D

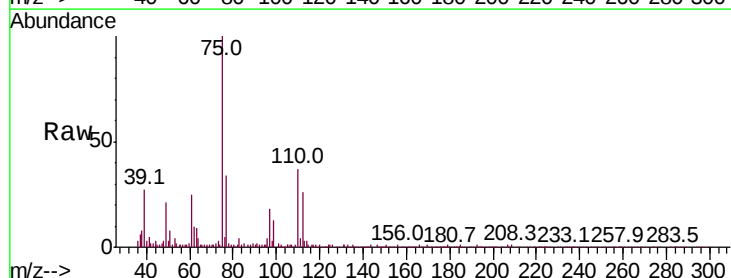
Acq: 13 Dec 2019 15:12

Tgt Ion: 75 Resp: 49171

Ion Ratio Lower Upper

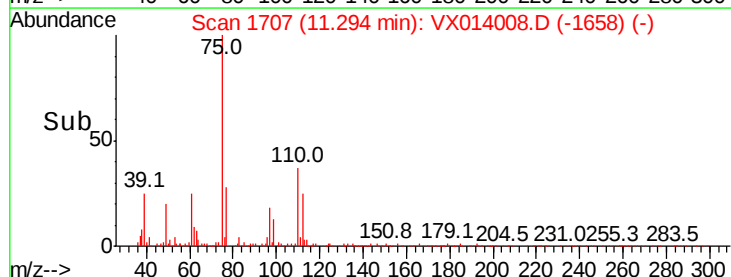
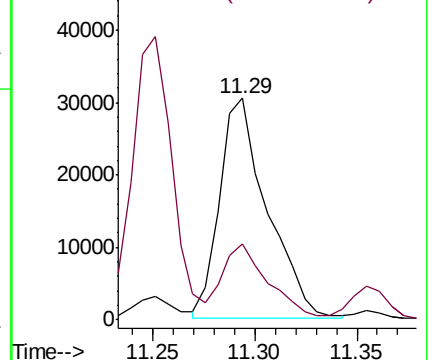
75 100

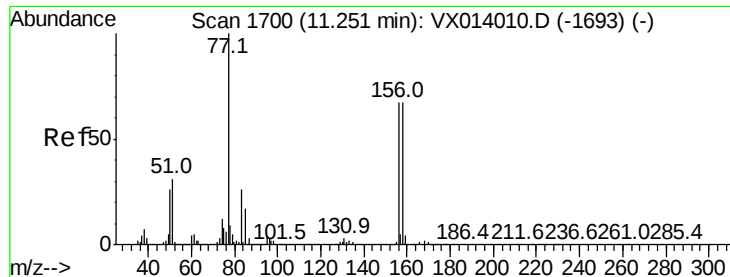
77 32.5 19.3 57.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

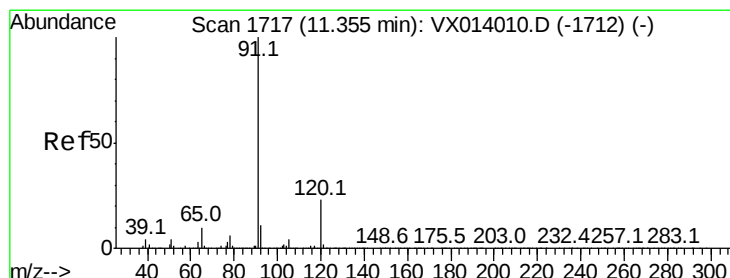
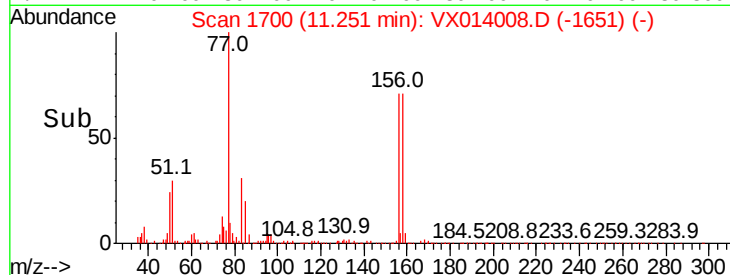
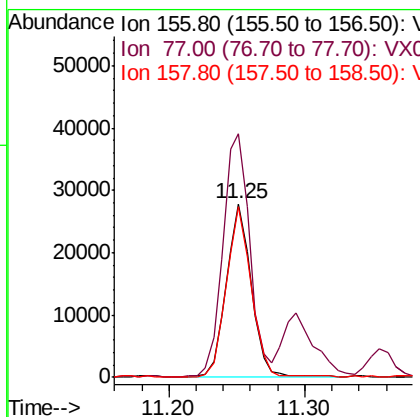
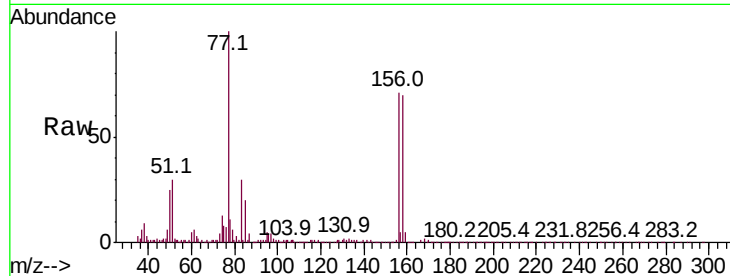




#77
Bromobenzene
Concen: 5.076 ug/l
RT: 11.25 min Scan# 1700
Delta R.T. 0.00 min
Lab File: VX014008.D
Acq: 13 Dec 2019 15:12

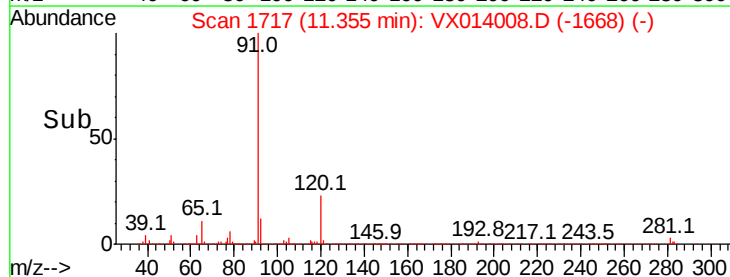
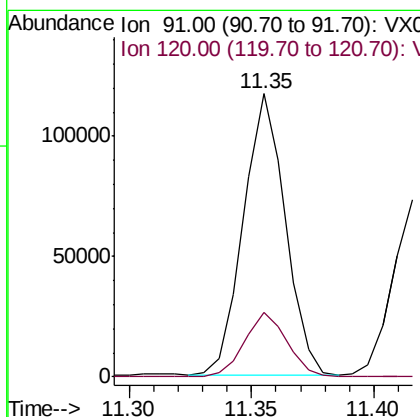
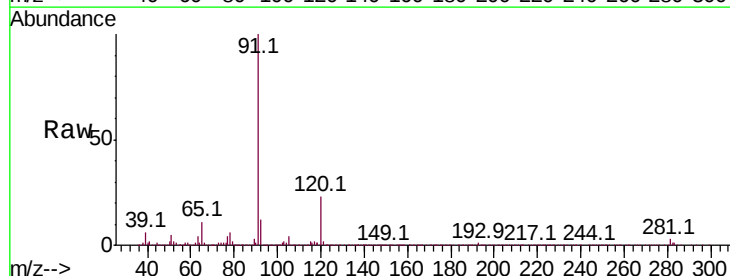
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

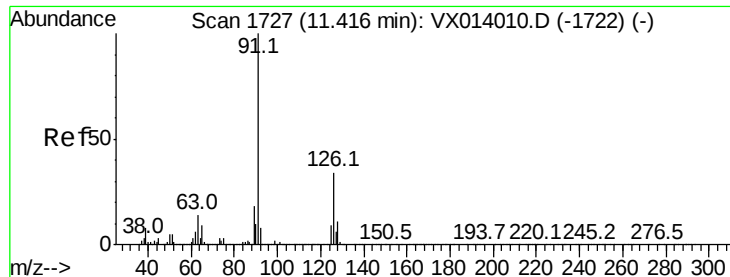
Tot Ion:156 Resp: 35322
Ion Ratio Lower Upper
156 100
77 150.3 76.5 229.5
158 97.7 49.3 147.9



#78
n-propylbenzene
Concen: 4.813 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VX014008.D
Acq: 13 Dec 2019 15:12

Tgt Ion: 91 Resp: 138951
Ion Ratio Lower Upper
91 100
120 23.1 11.7 35.0





#79

2-Chlorotoluene

Concen: 5.026 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014008.D

Acq: 13 Dec 2019 15:12

Instrument :

MSVOA_X

ClientSampleId :

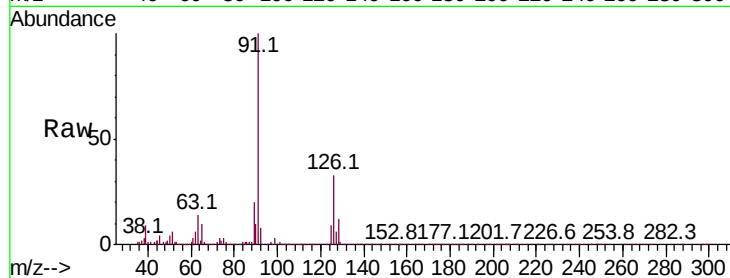
VSTDIC005

Tot Ion: 91 Resp: 87285

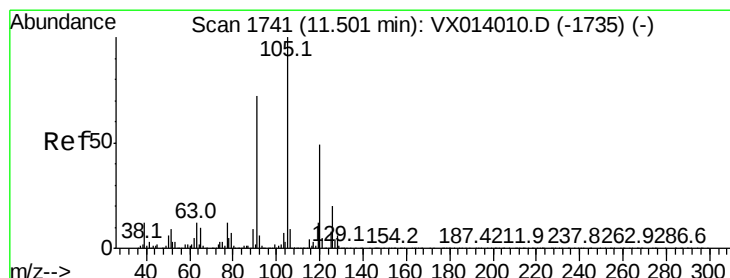
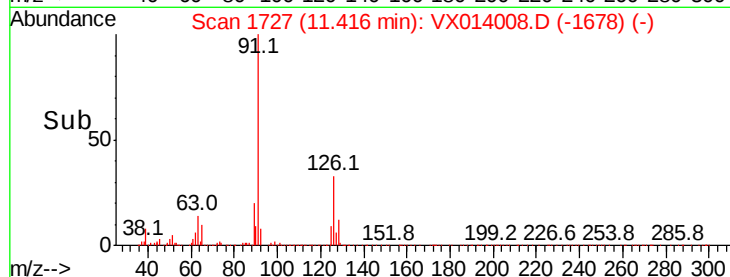
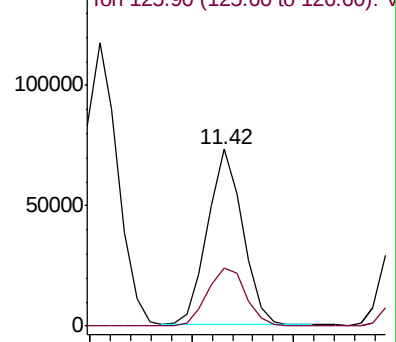
Ion Ratio Lower Upper

91 100

126 36.2 17.2 51.6



Abundance Ion 91.00 (90.70 to 91.70): VX014008.D (-1722) (-)



#80

1,3,5-Trimethylbenzene

Concen: 5.069 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014008.D

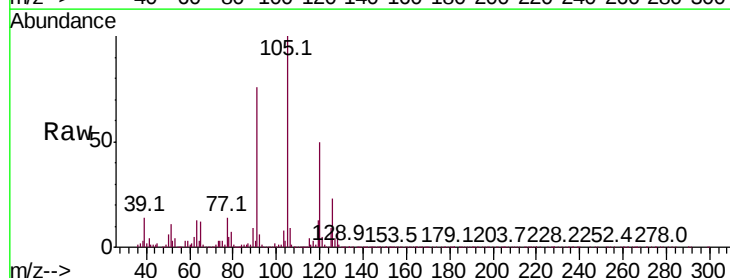
Acq: 13 Dec 2019 15:12

Tgt Ion: 105 Resp: 107560

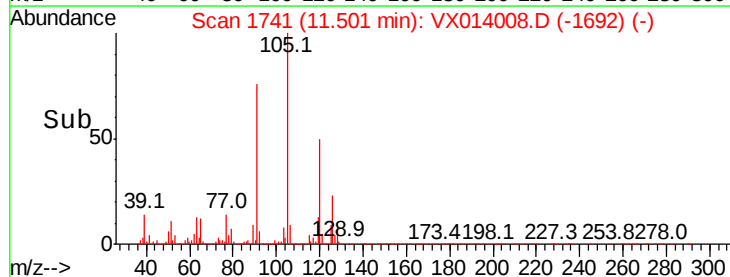
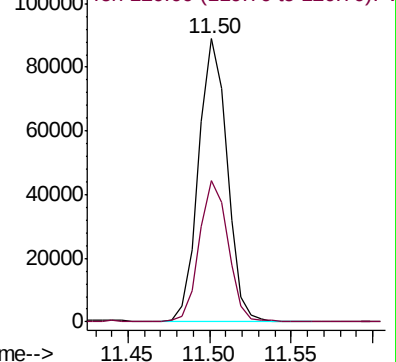
Ion Ratio Lower Upper

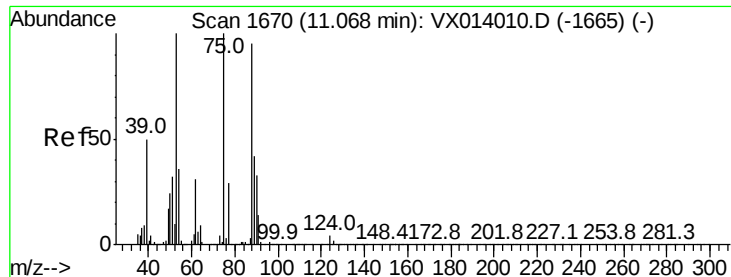
105 100

120 50.1 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): VX014008.D (-1692) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 3.743 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014008.D

Acq: 13 Dec 2019 15:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

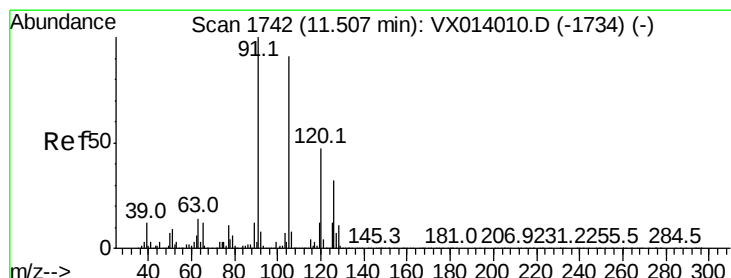
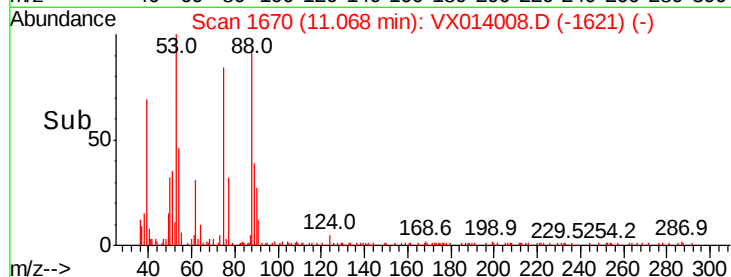
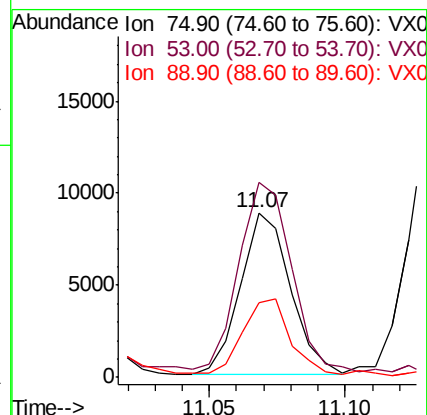
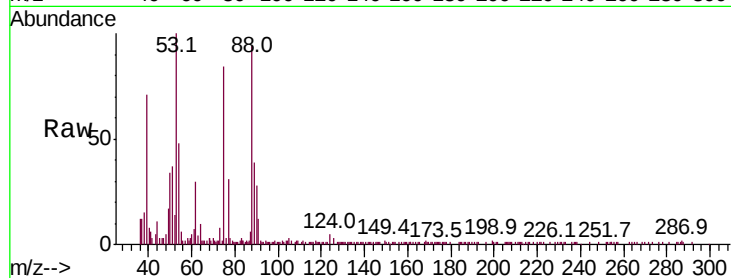
Tot Ion: 75 Resp: 11240

Ion Ratio Lower Upper

75 100

53 123.9 76.7 115.1#

89 43.0 34.6 51.8



#82

4-Chlorotoluene

Concen: 4.999 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX014008.D

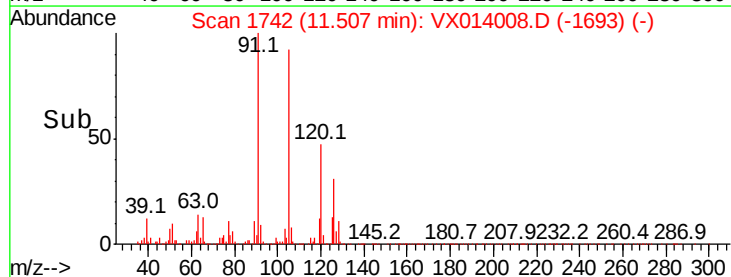
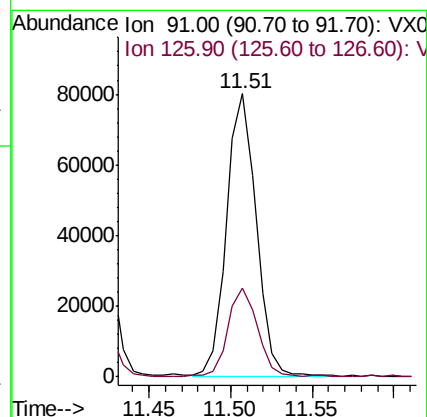
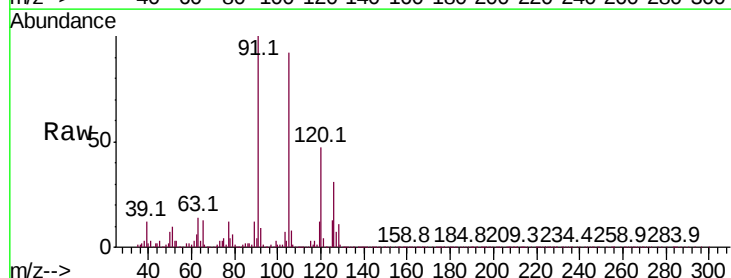
Acq: 13 Dec 2019 15:12

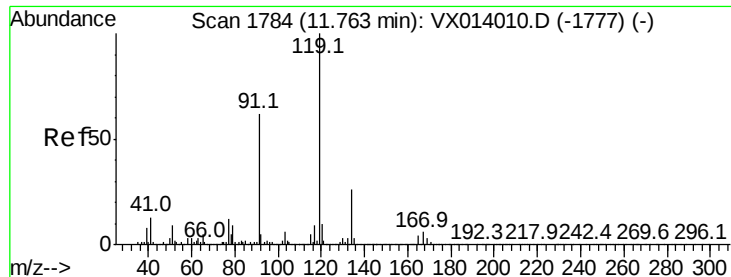
Tgt Ion: 91 Resp: 100237

Ion Ratio Lower Upper

91 100

126 30.9 15.6 46.8

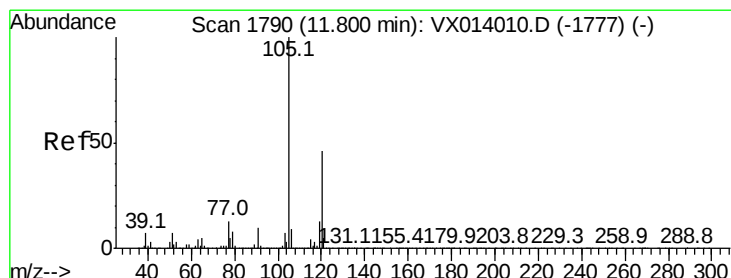
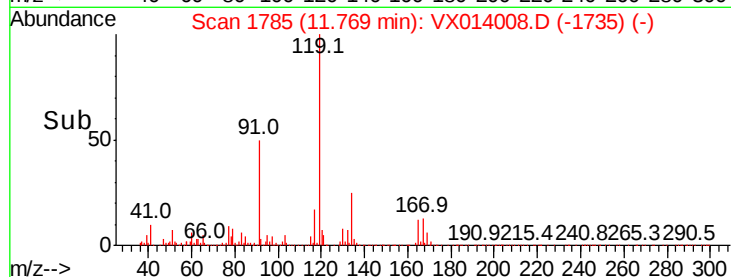
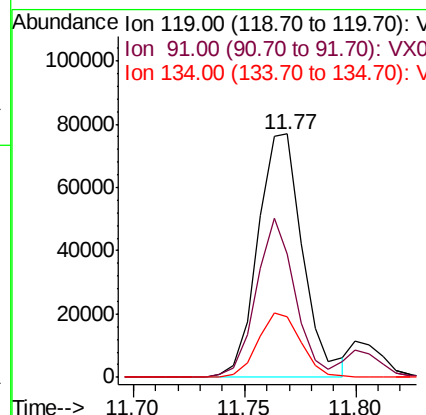
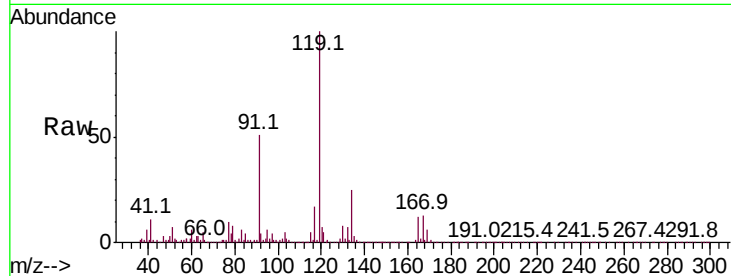




#83
tert-Butylbenzene
Concen: 5.033 ug/l
RT: 11.77 min Scan# 1785
Delta R.T. 0.01 min
Lab File: VX014008.D
Acq: 13 Dec 2019 15:12

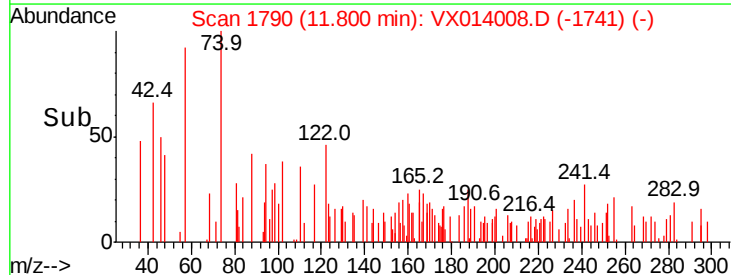
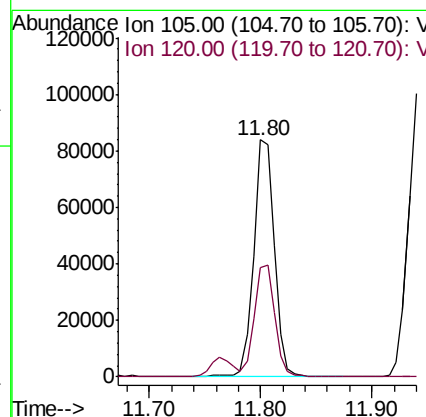
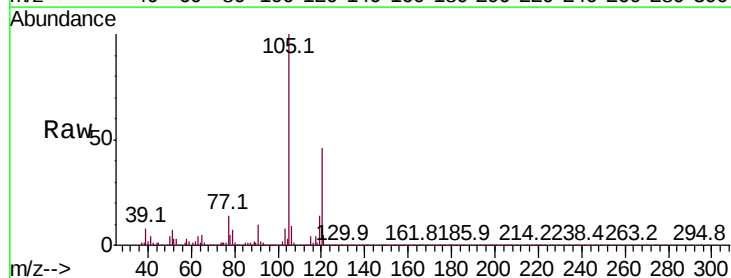
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

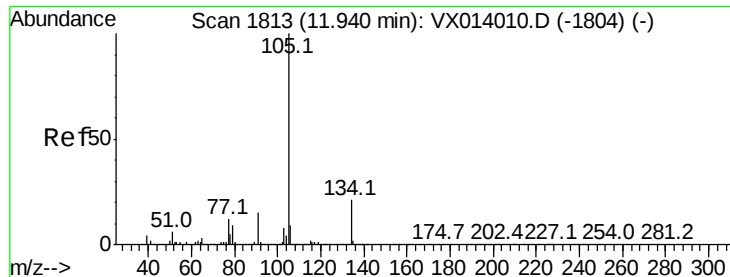
Tot Ion	Ratio	Lower	Upper
119	100		
91	56.1	28.5	85.6
134	25.4	12.2	36.6



#84
1,2,4-Trimethylbenzene
Concen: 5.001 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX014008.D
Acq: 13 Dec 2019 15:12

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.2	23.1	69.2





#85

sec-Butylbenzene

Concen: 4.950 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014008.D

Acq: 13 Dec 2019 15:12

Instrument :

MSVOA_X

ClientSampleId :

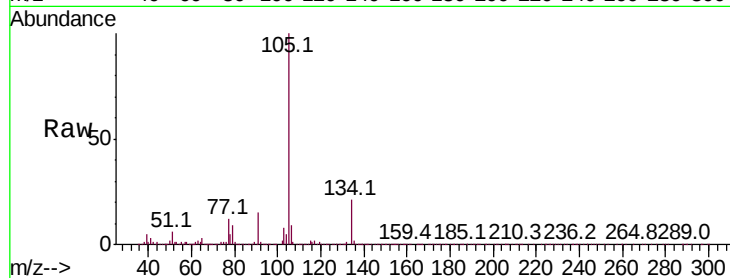
VSTDIC005

Tot Ion:105 Resp: 121785

Ion Ratio Lower Upper

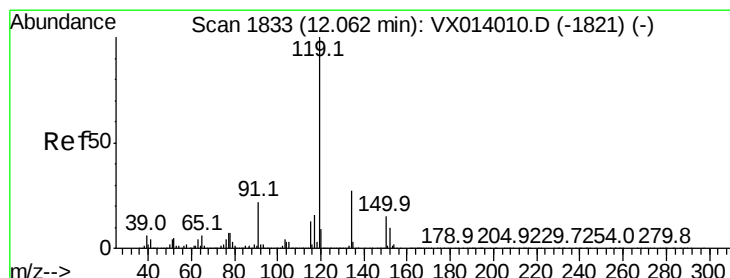
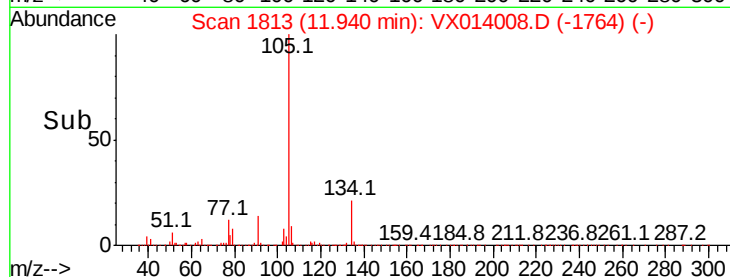
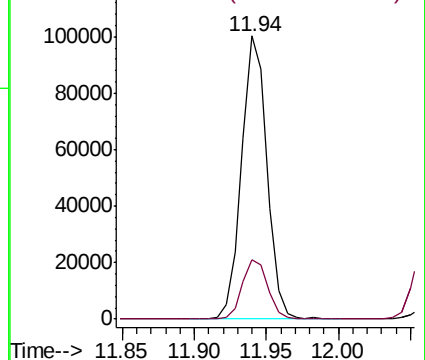
105 100

134 21.4 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 4.916 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX014008.D

Acq: 13 Dec 2019 15:12

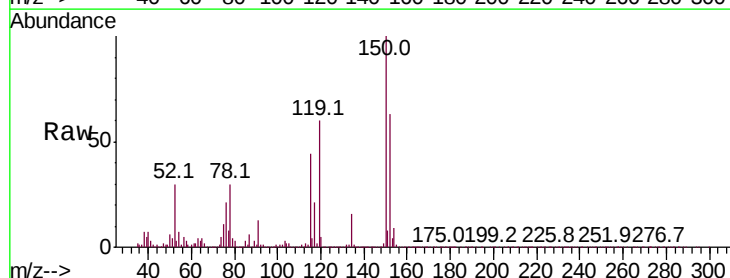
Tgt Ion:119 Resp: 112360

Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.1

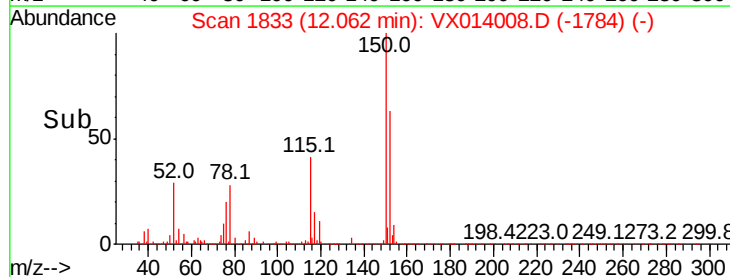
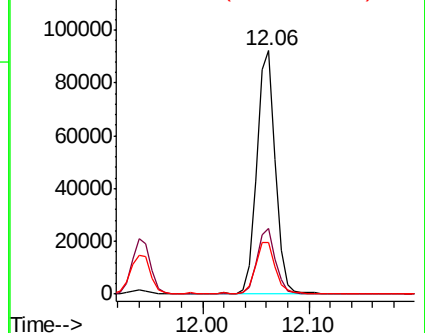
91 22.2 11.4 34.1

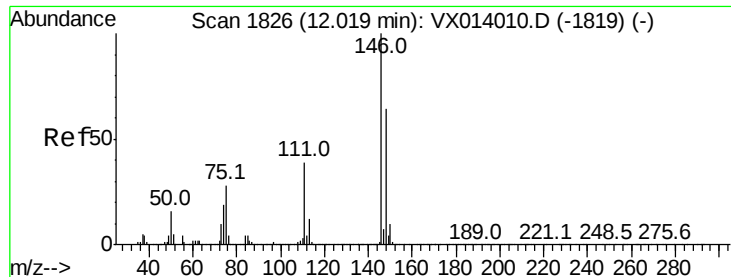


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 5.022 ug/l

RT: 12.02 min Scan# 1826

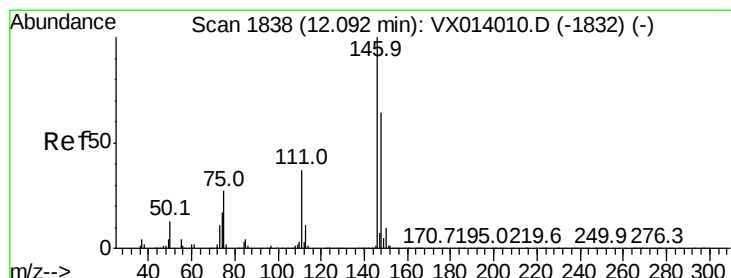
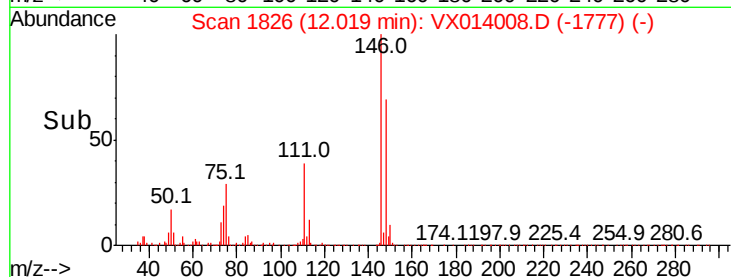
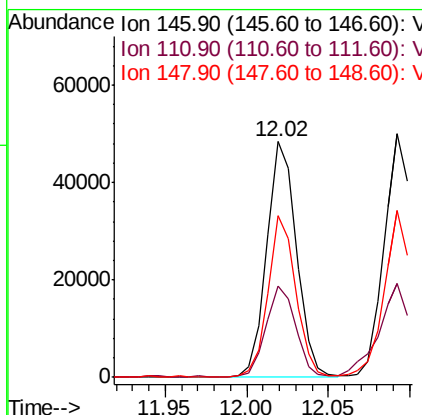
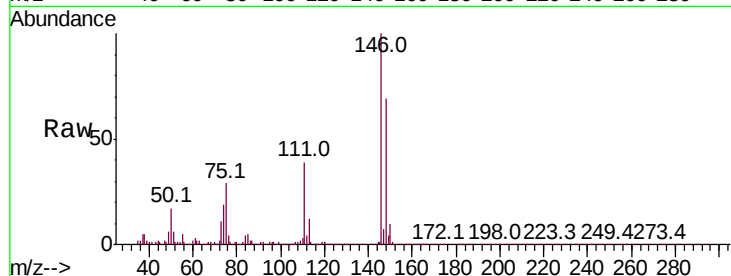
Delta R.T. 0.00 min

Lab File: VX014008.D

Acq: 13 Dec 2019 15:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.1	57.1
148	64.2	32.3	96.9



#88

1,4-Dichlorobenzene

Concen: 5.035 ug/l

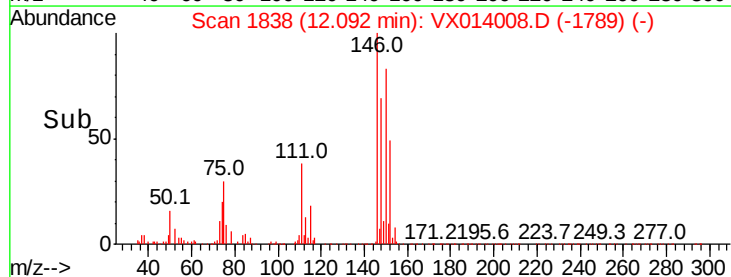
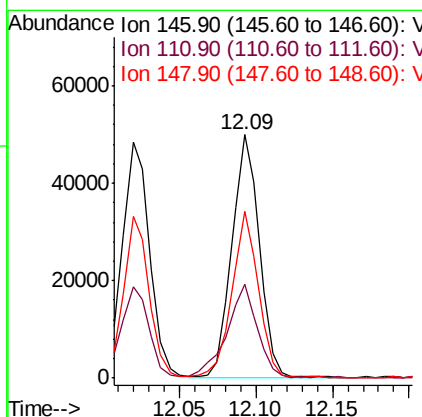
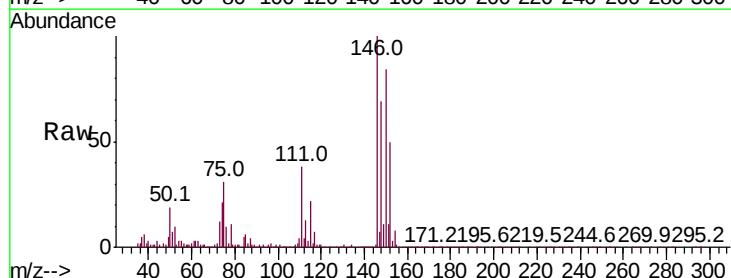
RT: 12.09 min Scan# 1838

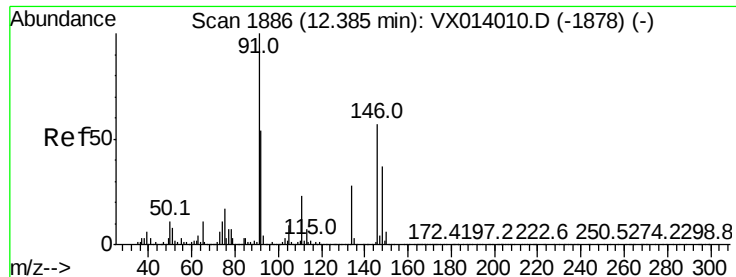
Delta R.T. 0.00 min

Lab File: VX014008.D

Acq: 13 Dec 2019 15:12

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.3	18.7	56.1
148	65.8	31.9	95.9

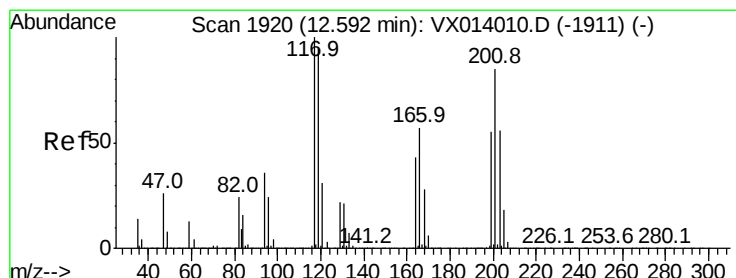
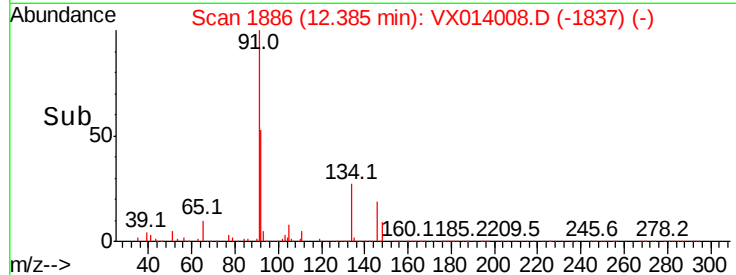
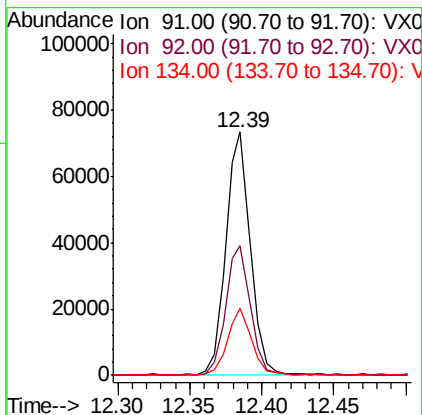
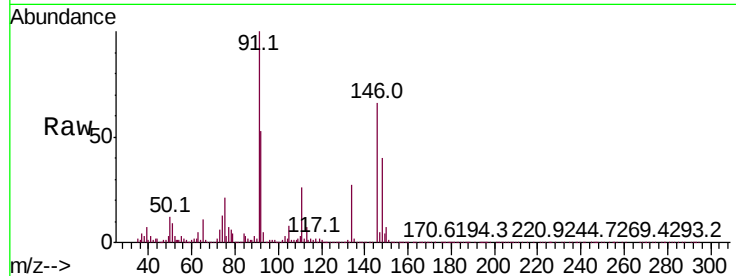




#89
n-Butylbenzene
Concen: 4.490 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014008.D
Acq: 13 Dec 2019 15:12

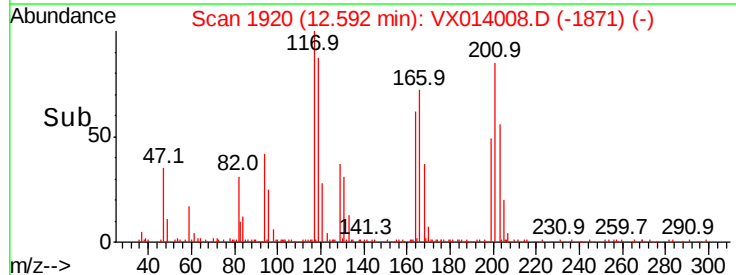
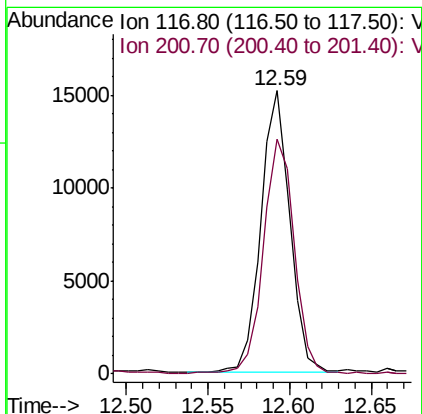
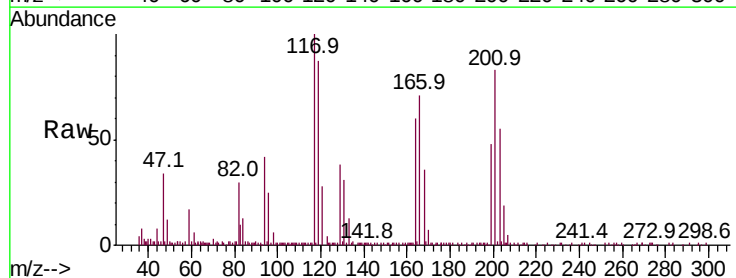
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

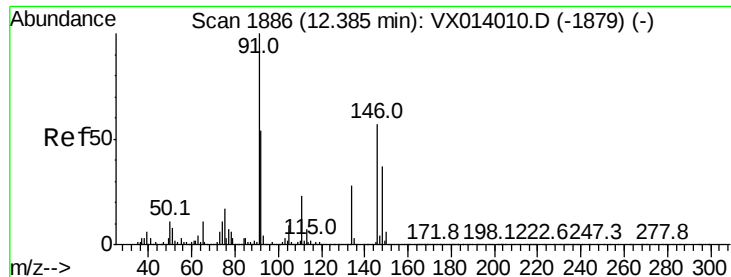
Tot Ion	Ratio	Lower	Upper
91	100		
92	53.2	27.2	81.6
134	26.6	13.4	40.1



#90
Hexachloroethane
Concen: 4.485 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014008.D
Acq: 13 Dec 2019 15:12

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.0	43.1	129.3

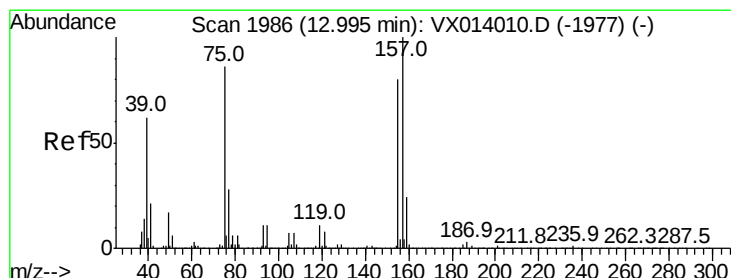
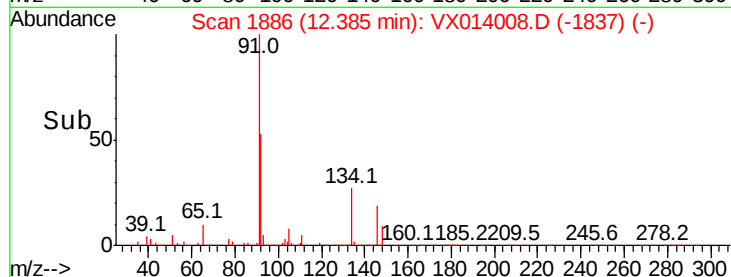
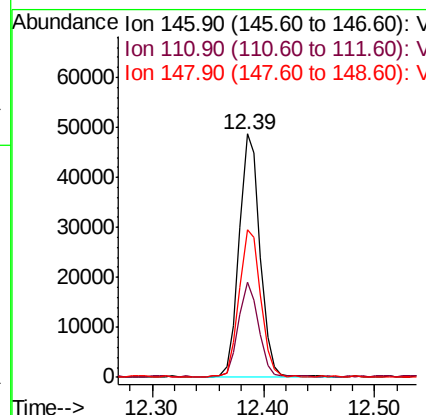
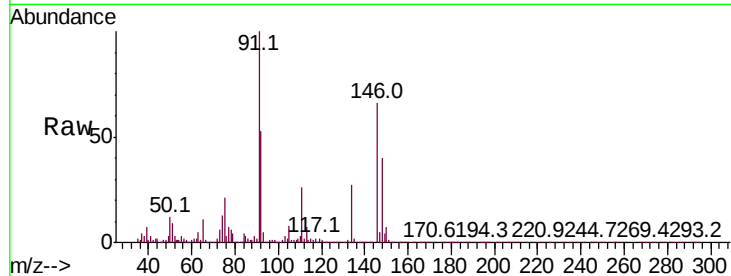




#91
 1,2-Dichlorobenzene
 Concen: 5.270 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014008.D
 Acq: 13 Dec 2019 15:12

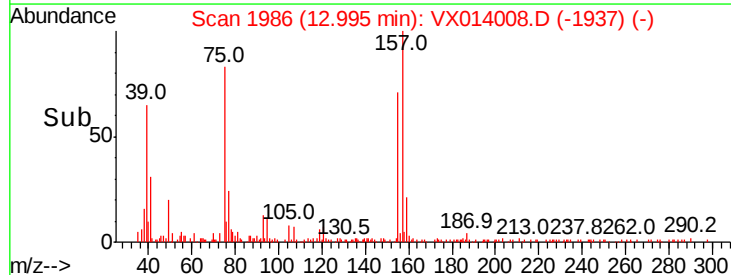
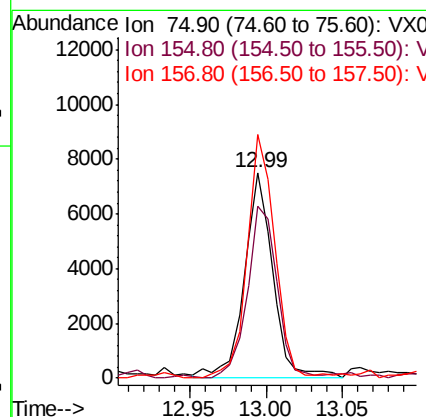
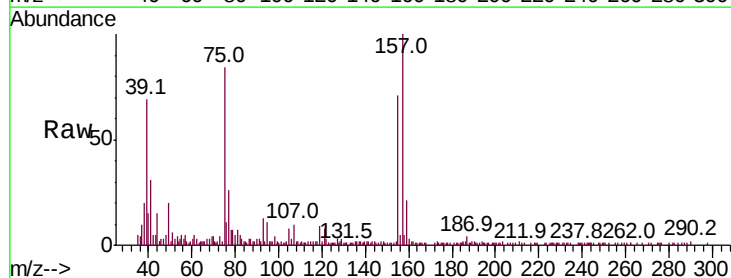
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

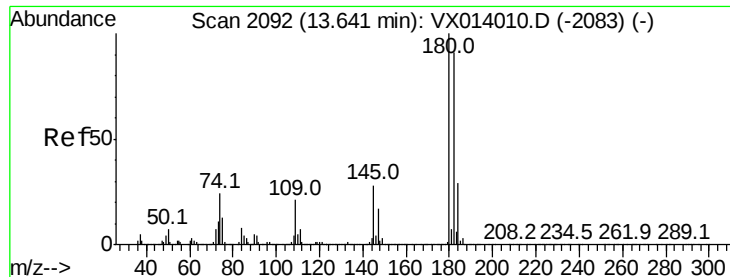
Tot Ion:146 Resp: 63473
 Ion Ratio Lower Upper
 146 100
 111 38.1 19.7 59.1
 148 62.9 32.1 96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 5.056 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014008.D
 Acq: 13 Dec 2019 15:12

Tgt Ion: 75 Resp: 9746
 Ion Ratio Lower Upper
 75 100
 155 86.8 46.9 140.6
 157 114.8 60.8 182.4

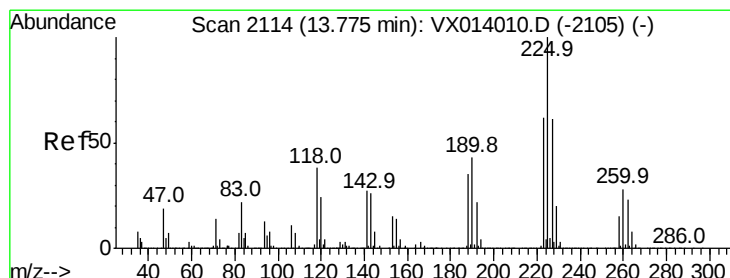
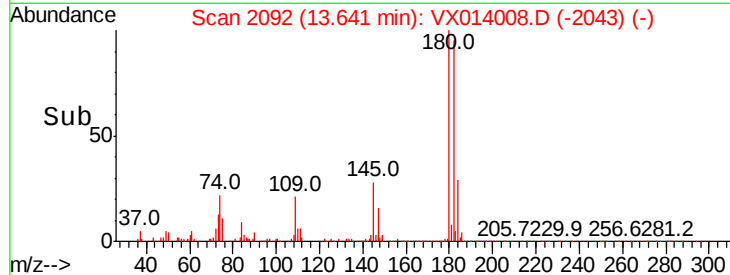
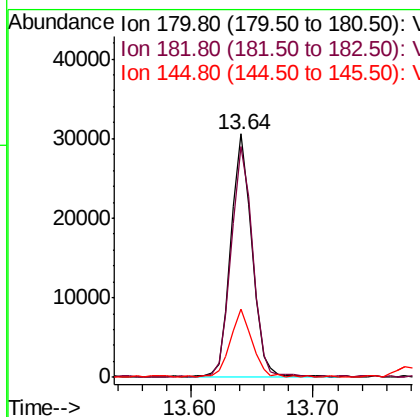
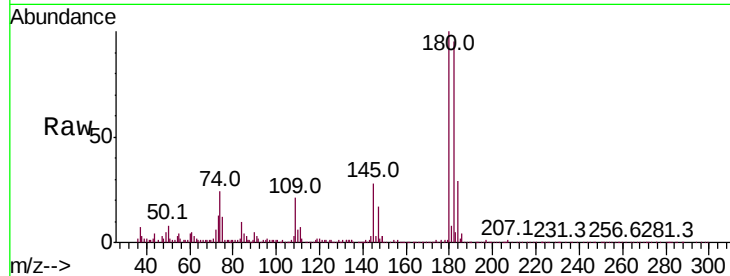




#93
 1,2,4-Trichlorobenzene
 Concen: 4.408 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014008.D
 Acq: 13 Dec 2019 15:12

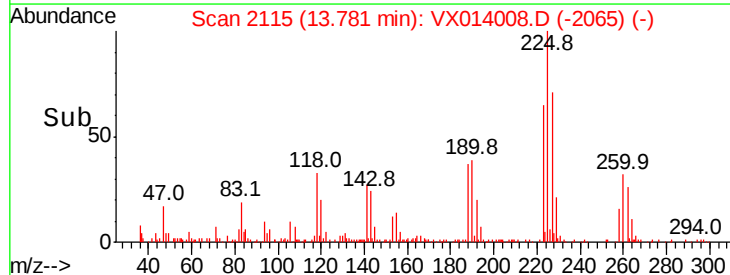
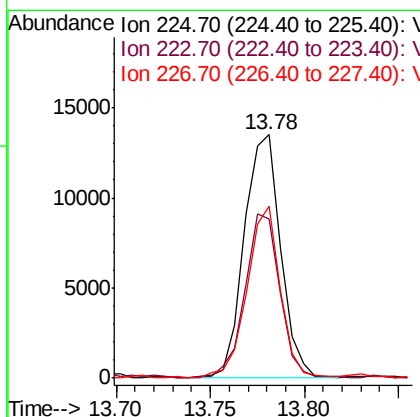
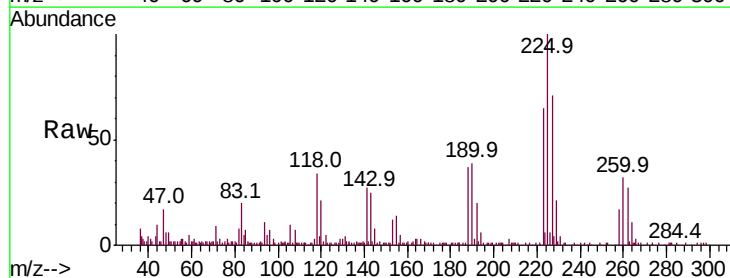
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

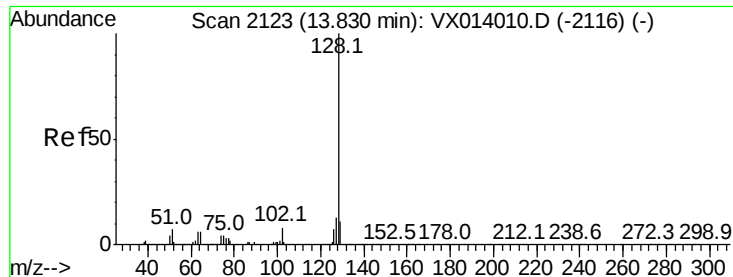
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.8	46.6	139.8
145	28.6	14.2	42.6



#94
 Hexachlorobutadiene
 Concen: 4.507 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. 0.01 min
 Lab File: VX014008.D
 Acq: 13 Dec 2019 15:12

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.8	30.9	92.5
227	64.7	30.9	92.7

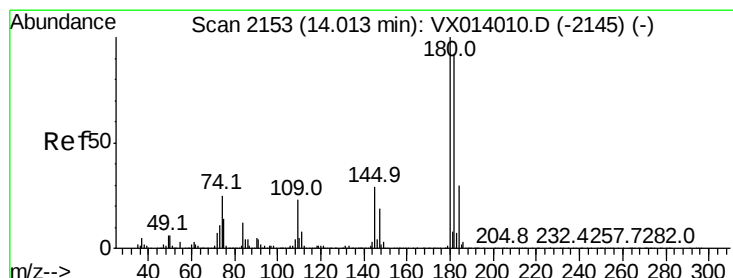
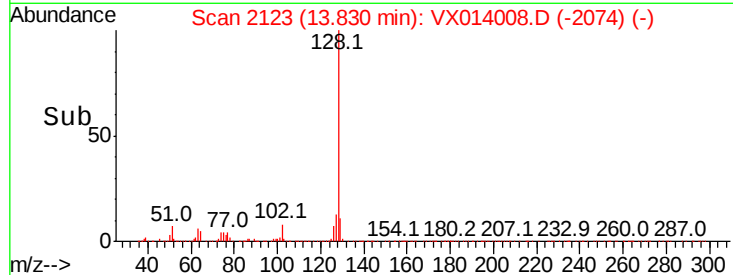
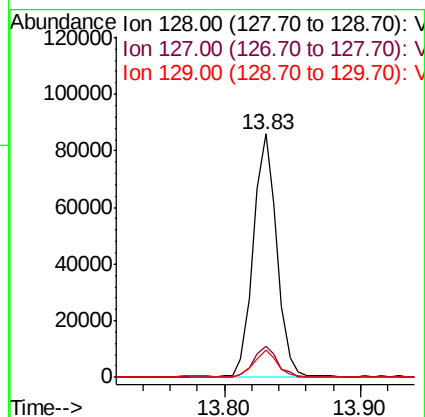
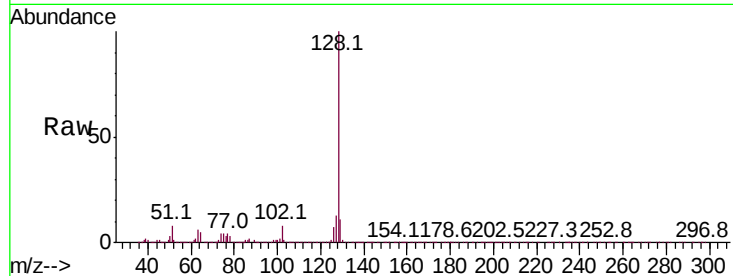




#95
Naphthalene
Concen: 4.239 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014008.D
Acq: 13 Dec 2019 15:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.4
129	11.3	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 4.492 ug/l
RT: 14.02 min Scan# 2154
Delta R.T. 0.01 min
Lab File: VX014008.D
Acq: 13 Dec 2019 15:12

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	46.8	140.3
145	30.9	14.8	44.4

