

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX090219\
 Data File : VX012015.D
 Acq On : 02 Sep 2019 14:42
 Operator : SY/SP
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Sep 03 04:48:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090219S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 03 04:42:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	400483	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	526589	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	501018	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	305033	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	492125	129.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	258.78%	
35) Dibromofluoromethane	5.48	113	487049	143.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	286.48%	
50) Toluene-d8	8.71	98	1750334	143.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	287.98%	
62) 4-Bromofluorobenzene	11.14	95	717783	135.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	270.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	361693	148.586	ug/l	97
3) Chloromethane	1.31	50	385142	140.463	ug/l	99
4) Vinyl Chloride	1.40	62	389745	147.291	ug/l	98
5) Bromomethane	1.62	94	248761	135.390	ug/l	100
6) Chloroethane	1.70	64	244012	148.379	ug/l	99
7) Trichlorofluoromethane	1.91	101	683611	147.955	ug/l	100
8) Diethyl Ether	2.17	74	207818	132.999	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	438787	145.992	ug/l	100
10) Methyl Iodide	2.50	142	550521	196.601	ug/l	99
11) Tert butyl alcohol	3.04	59	214889	601.998	ug/l	98
12) 1,1-Dichloroethene	2.36	96	408246	146.754	ug/l	98
13) Acrolein	2.28	56	68999	400.312	ug/l	93
14) Allyl chloride	2.71	41	687172	134.069	ug/l	99
15) Acrylonitrile	3.13	53	526339	622.895	ug/l	100
16) Acetone	2.44	43	478028	592.431	ug/l	98
17) Carbon Disulfide	2.55	76	1241198	155.152	ug/l	100
18) Methyl Acetate	2.76	43	265845	120.583	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	1178847	132.817	ug/l	100
20) Methylene Chloride	2.84	84	464009	116.203	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	477389	146.015	ug/l	98
22) Diisopropyl ether	3.84	45	1359577	130.353	ug/l	93
23) Vinyl Acetate	3.80	43	4334173	647.302	ug/l	99
24) 1,1-Dichloroethane	3.68	63	793268	136.913	ug/l	99
25) 2-Butanone	4.66	43	718442	619.456	ug/l	99
26) 2,2-Dichloropropane	4.57	77	705177	142.839	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	545895	142.529	ug/l	100
28) Bromochloromethane	5.00	49	296205	115.976	ug/l	98
29) Tetrahydrofuran	5.11	42	450559	622.692	ug/l	99
30) Chloroform	5.20	83	864219	138.987	ug/l	100
31) Cyclohexane	5.56	56	658851	139.114	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	813482	145.920	ug/l	99
36) 1,1-Dichloropropene	5.79	75	635013	152.343	ug/l	100
37) Ethyl Acetate	4.82	43	320866	133.609	ug/l	99
38) Carbon Tetrachloride	5.77	117	778555	159.867	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX090219\
 Data File : VX012015.D
 Acq On : 02 Sep 2019 14:42
 Operator : SY/SP
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Sep 03 04:48:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090219S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 03 04:42:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	763760	152.934	ug/l	99
40) Benzene	6.13	78	1823648	148.016	ug/l	99
41) Methacrylonitrile	5.03	41	192040	135.299	ug/l	97
42) 1,2-Dichloroethane	6.18	62	607738	145.296	ug/l	100
43) Isopropyl Acetate	6.44	43	656942	134.613	ug/l	100
44) Trichloroethene	7.20	130	603504	156.196	ug/l	98
45) 1,2-Dichloropropane	7.51	63	452383	141.166	ug/l	99
46) Dibromomethane	7.65	93	275919	144.428	ug/l	99
47) Bromodichloromethane	7.89	83	696651	147.297	ug/l	98
48) Methyl methacrylate	7.76	41	329640	138.828	ug/l	99
49) 1,4-Dioxane	7.73	88	90832	2796.818	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	1634662	660.615	ug/l	100
52) Toluene	8.78	92	1238418	151.290	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	712079	147.029	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	794581	146.175	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	396196	141.750	ug/l	99
56) Ethyl methacrylate	9.17	69	548267	142.347	ug/l	100
57) 1,3-Dichloropropane	9.37	76	648223	140.011	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	1166320	645.946	ug/l	99
59) 2-Hexanone	9.49	43	1171106	665.777	ug/l	100
60) Dibromochloromethane	9.57	129	573131	152.291	ug/l	99
61) 1,2-Dibromoethane	9.67	107	407532	147.049	ug/l	99
64) Tetrachloroethene	9.33	164	618098	152.790	ug/l	97
65) Chlorobenzene	10.14	112	1442432	149.309	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	594043	152.381	ug/l	99
67) Ethyl Benzene	10.25	91	2431318	148.148	ug/l	99
68) m/p-Xylenes	10.36	106	1917279	302.118	ug/l	97
69) o-Xylene	10.70	106	933024	151.088	ug/l	99
70) Styrene	10.71	104	1638623	151.188	ug/l	99
71) Bromoform	10.85	173	427270	155.045	ug/l #	99
73) Isopropylbenzene	11.01	105	2523283	144.184	ug/l	99
74) N-amyl acetate	10.89	43	661340	130.285	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	469129	133.267	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	511597	177.172	ug/l	77
77) Bromobenzene	11.25	156	757076	149.113	ug/l	99
78) n-propylbenzene	11.35	91	2827714	142.999	ug/l	99
79) 2-Chlorotoluene	11.42	91	1694494	142.746	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	2202137	146.424	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	157868	134.618	ug/l	98
82) 4-Chlorotoluene	11.51	91	2013536	140.758	ug/l	98
83) tert-Butylbenzene	11.77	119	2293725	149.473	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	2239193	145.268	ug/l	99
85) sec-Butylbenzene	11.94	105	2597103	146.203	ug/l	99
86) p-Isopropyltoluene	12.06	119	2589145	150.160	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	1411952	150.093	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	1402158	147.520	ug/l	99
89) n-Butylbenzene	12.39	91	2222736	146.069	ug/l	100
90) Hexachloroethane	12.59	117	497897	149.405	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	1294056	148.129	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	93016	132.737	ug/l	95

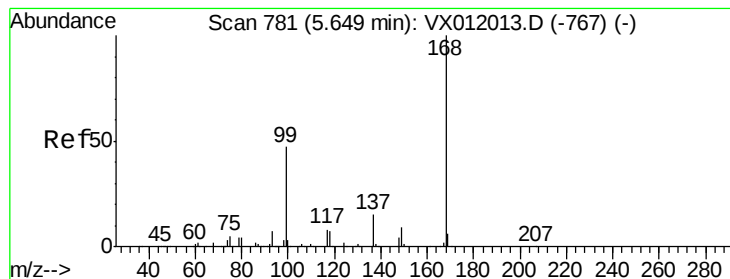
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090219\
Data File : VX012015.D
Acq On : 02 Sep 2019 14:42
Operator : SY/SP
Sample : VSTDICC150
Misc : 5.00g/5.0mL/MSVOA_X/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Quant Time: Sep 03 04:48:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090219S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 03 04:42:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	1125874	152.551	ug/l	99
94) Hexachlorobutadiene	13.78	225	786191	157.992	ug/l	99
95) Naphthalene	13.83	128	1715635	137.799	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	973546	146.363	ug/l	99

(#) = 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: VX012015.D

Acq: 02 Sep 2019 14:42

Instrument :

MSVOA_X

ClientSampleId :

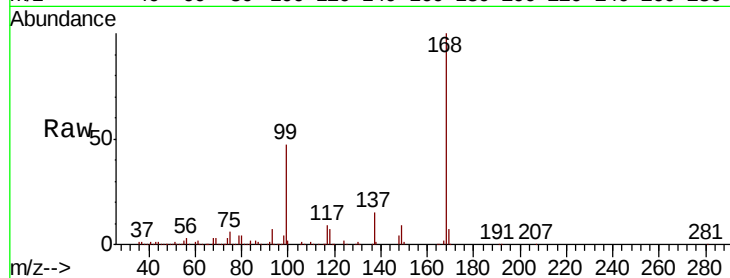
VSTDIC150

Tgt Ion:168 Resp: 400483

Ion Ratio Lower Upper

168 100

99 46.7 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

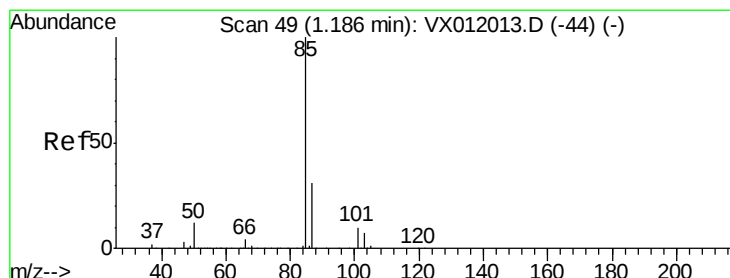
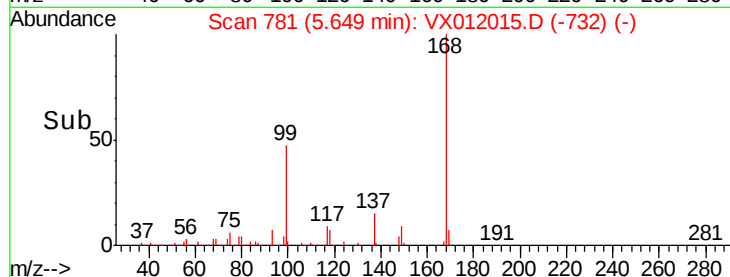
150000 5.65

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 148.586 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX012015.D

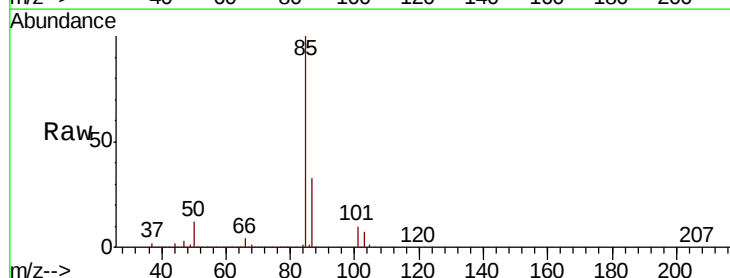
Acq: 02 Sep 2019 14:42

Tgt Ion: 85 Resp: 361693

Ion Ratio Lower Upper

85 100

87 32.7 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

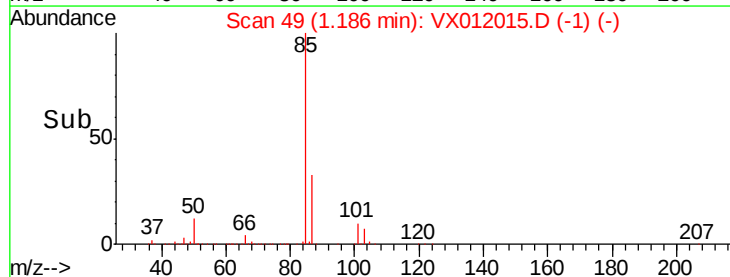
300000 1.19

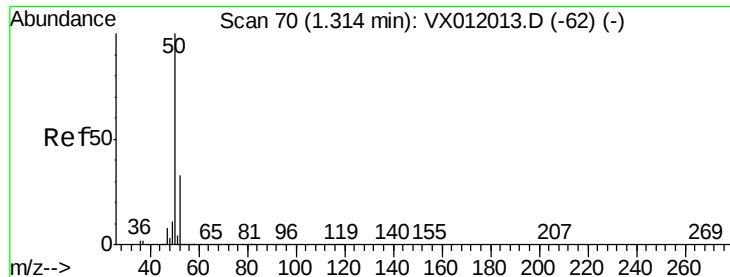
200000

100000

0

Time-->





#3

Chloromethane

Concen: 140.463 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX012015.D

Acq: 02 Sep 2019 14:42

Instrument :

MSVOA_X

ClientSampleId :

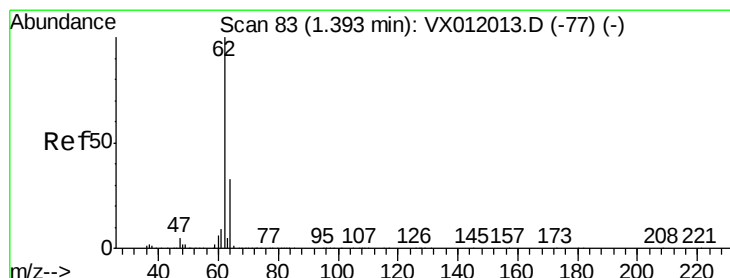
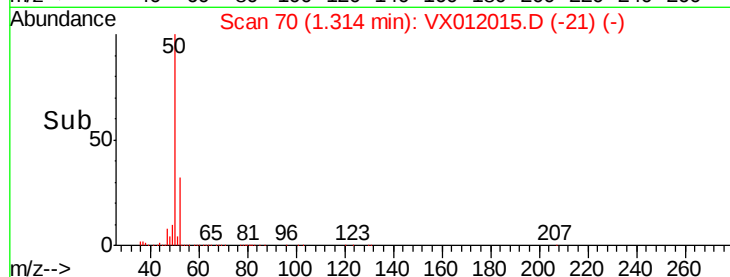
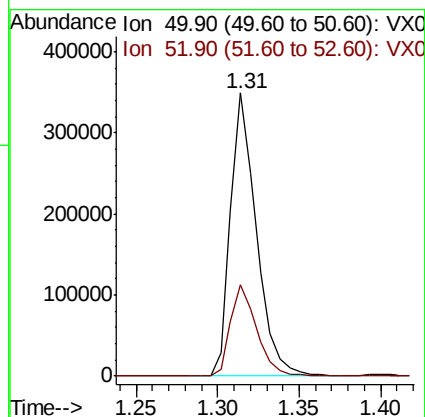
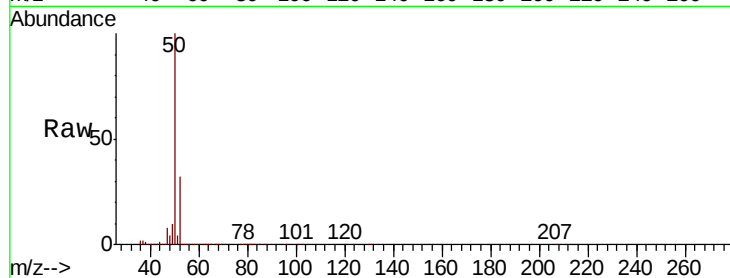
VSTDIC150

Tgt Ion: 50 Resp: 385142

Ion Ratio Lower Upper

50 100

52 32.4 26.5 39.7



#4

Vinyl Chloride

Concen: 147.291 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.01 min

Lab File: VX012015.D

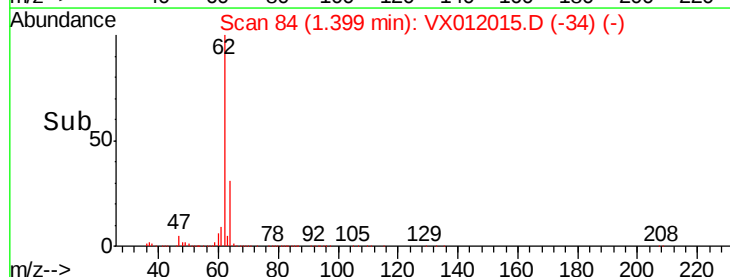
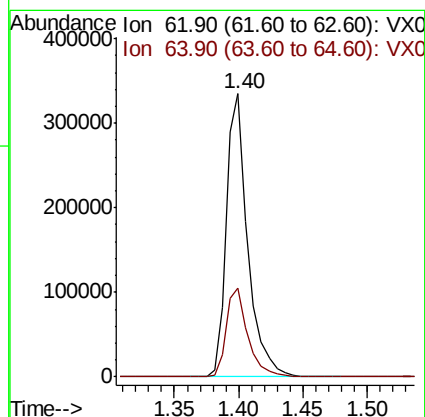
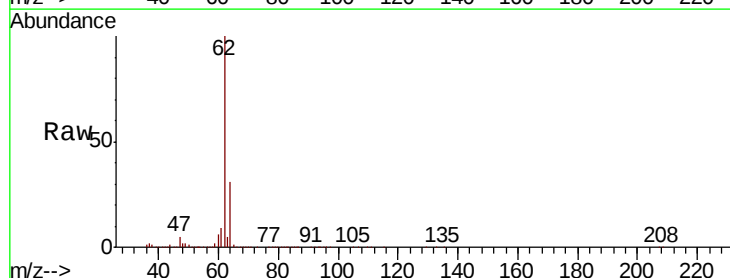
Acq: 02 Sep 2019 14:42

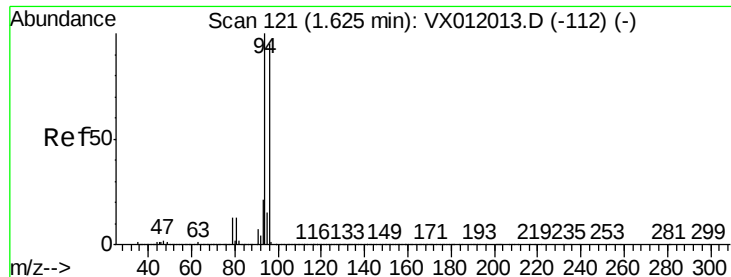
Tgt Ion: 62 Resp: 389745

Ion Ratio Lower Upper

62 100

64 31.4 26.2 39.4





#5

Bromomethane

Concen: 135.390 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX012015.D

Acq: 02 Sep 2019 14:42

Instrument :

MSVOA_X

ClientSampleId :

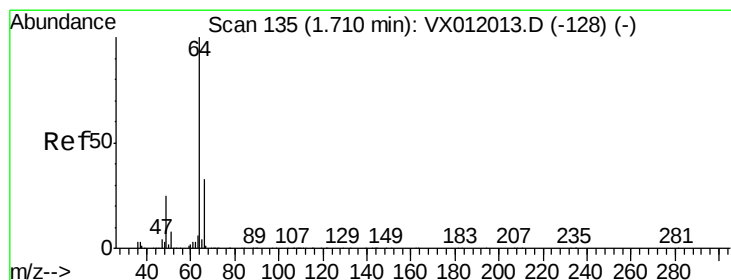
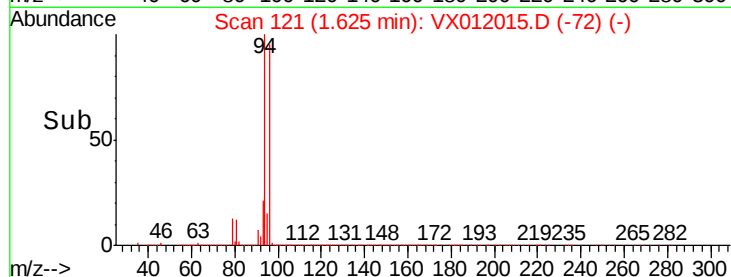
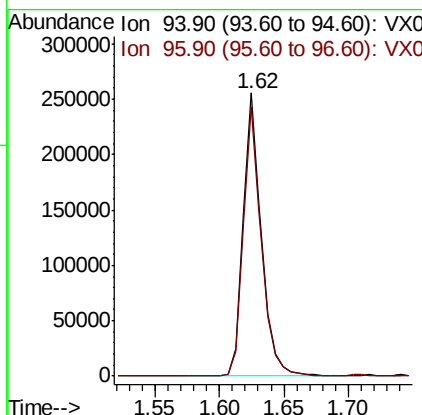
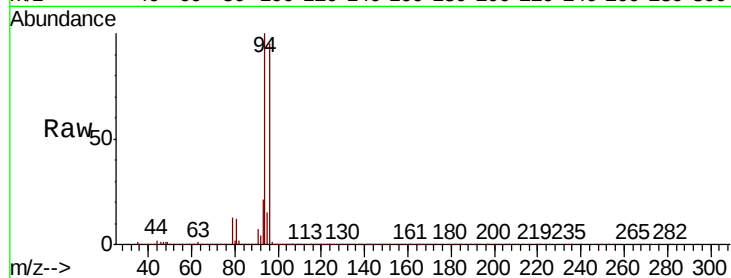
VSTDIC150

Tgt Ion: 94 Resp: 248761

Ion Ratio Lower Upper

94 100

96 95.0 76.3 114.5



#6

Chloroethane

Concen: 148.379 ug/l

RT: 1.70 min Scan# 133

Delta R.T. -0.01 min

Lab File: VX012015.D

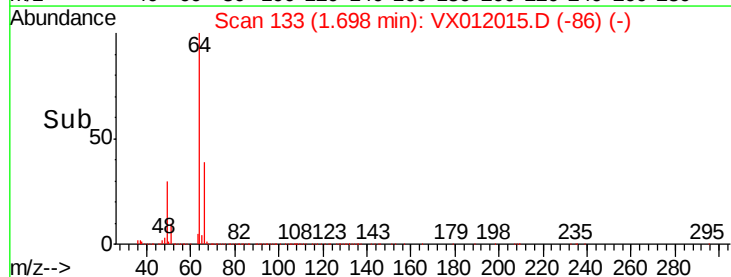
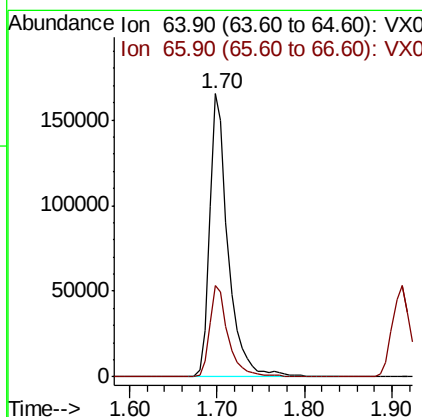
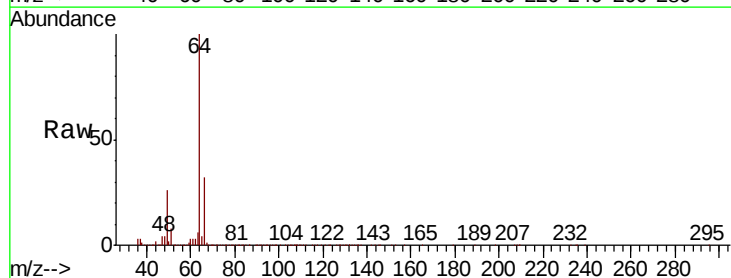
Acq: 02 Sep 2019 14:42

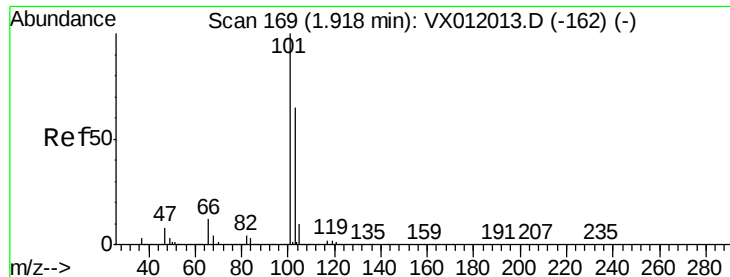
Tgt Ion: 64 Resp: 244012

Ion Ratio Lower Upper

64 100

66 32.4 26.3 39.5



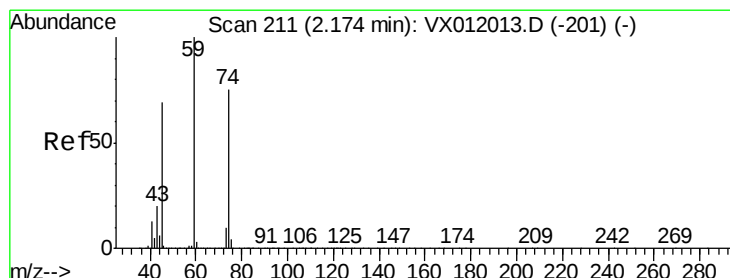
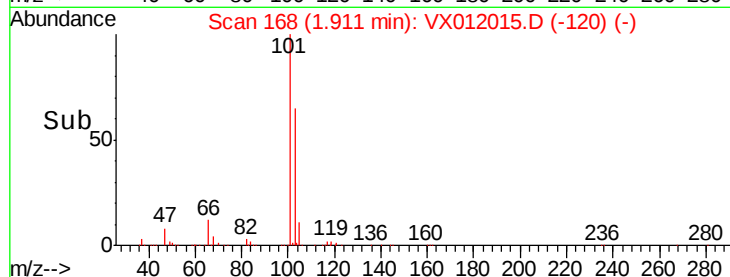
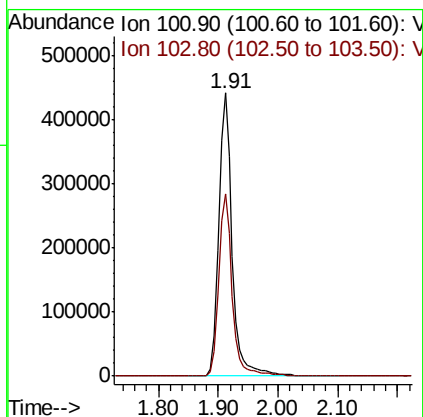
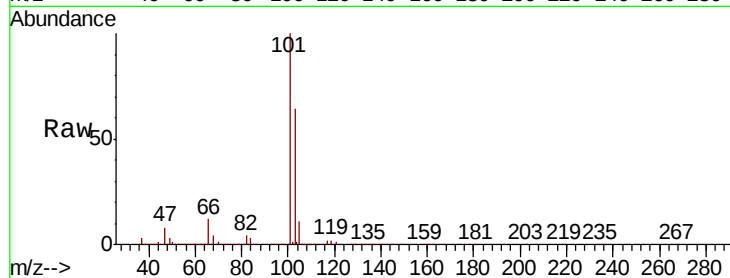


#7

Trichlorofluoromethane
 Concen: 147.955 ug/l
 RT: 1.91 min Scan# 168
 Delta R.T. -0.01 min
 Lab File: VX012015.D
 Acq: 02 Sep 2019 14:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

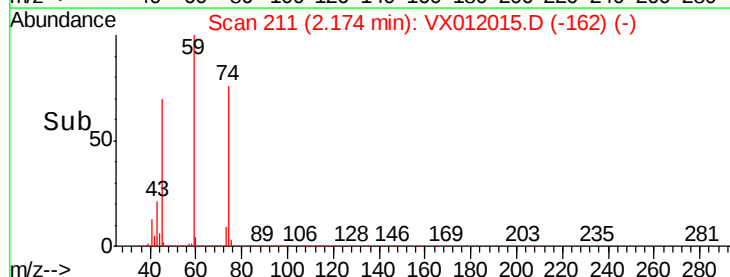
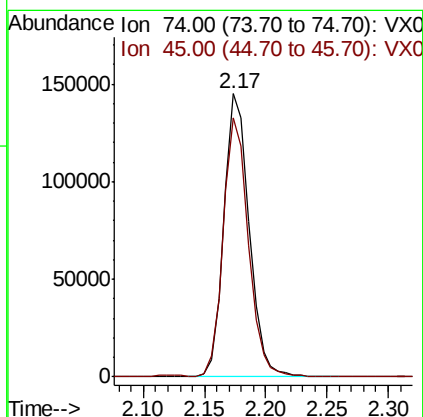
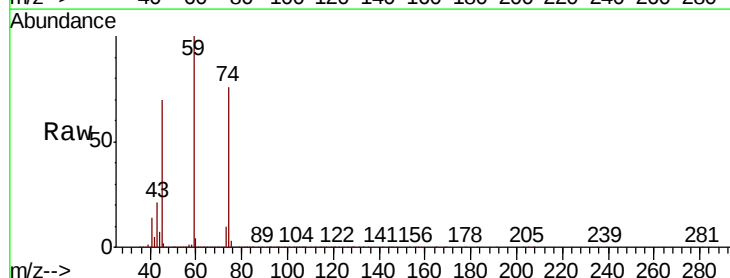
Tgt Ion: 101 Resp: 683611
 Ion Ratio Lower Upper
 101 100
 103 64.5 51.6 77.4

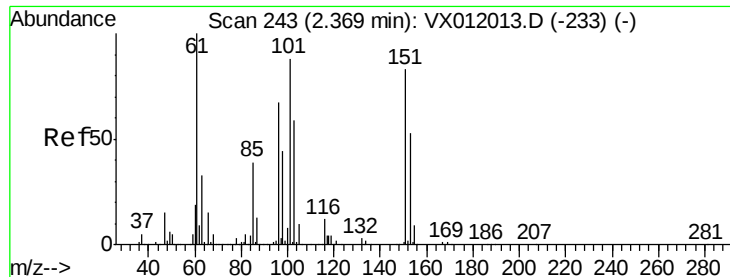


#8

Diethyl Ether
 Concen: 132.999 ug/l
 RT: 2.17 min Scan# 211
 Delta R.T. -0.00 min
 Lab File: VX012015.D
 Acq: 02 Sep 2019 14:42

Tgt Ion: 74 Resp: 207818
 Ion Ratio Lower Upper
 74 100
 45 90.8 45.9 137.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 145.992 ug/l

RT: 2.36 min Scan# 242

Delta R.T. -0.01 min

Lab File: VX012015.D

Acq: 02 Sep 2019 14:42

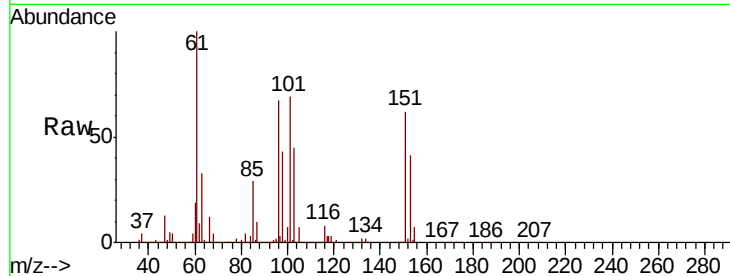
Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

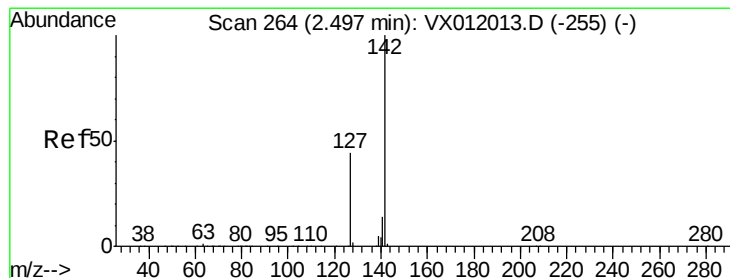
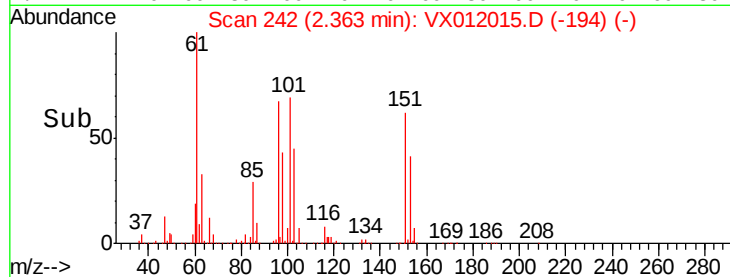
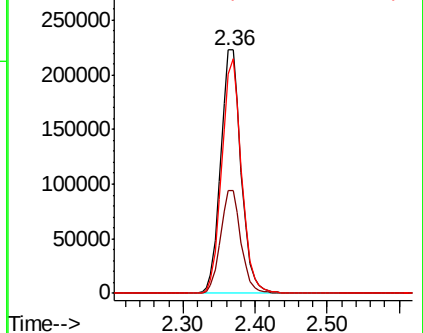
Tgt Ion:	101	Resp:	438787
Ion	Ratio	Lower	Upper
101	100		
85	42.6	34.5	51.7
151	93.7	75.0	112.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 196.601 ug/l

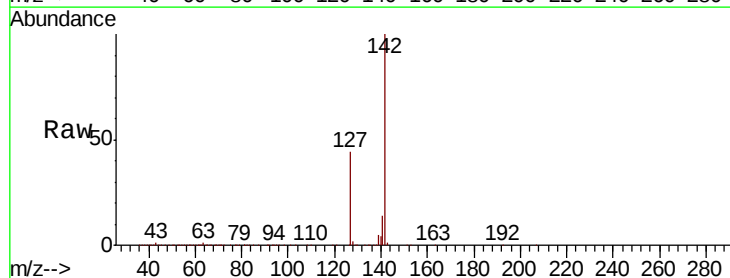
RT: 2.50 min Scan# 264

Delta R.T. -0.00 min

Lab File: VX012015.D

Acq: 02 Sep 2019 14:42

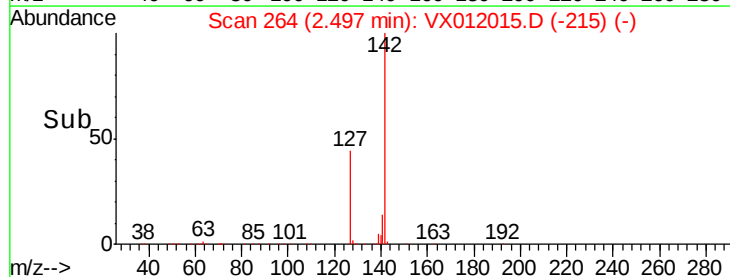
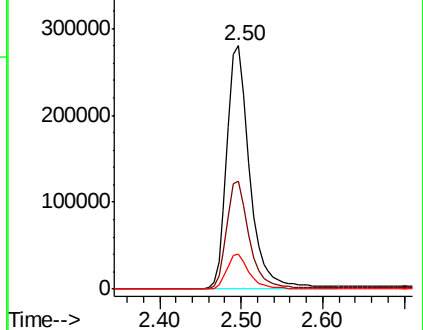
Tgt Ion:	142	Resp:	550521
Ion	Ratio	Lower	Upper
142	100		
127	43.2	35.4	53.2
141	14.2	11.4	17.2

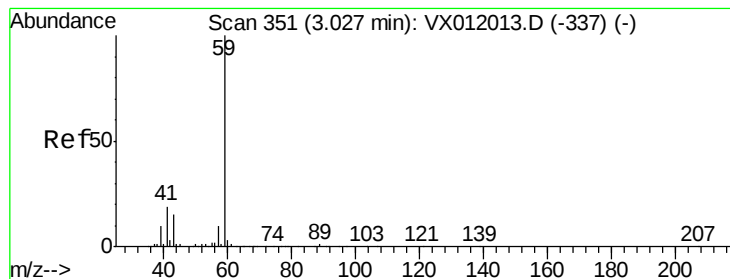


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



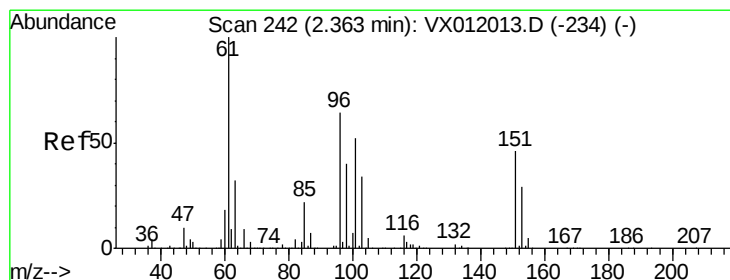
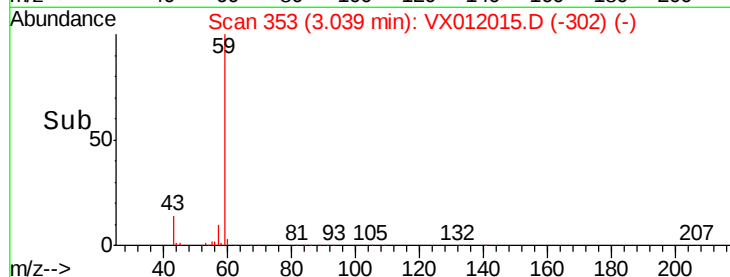
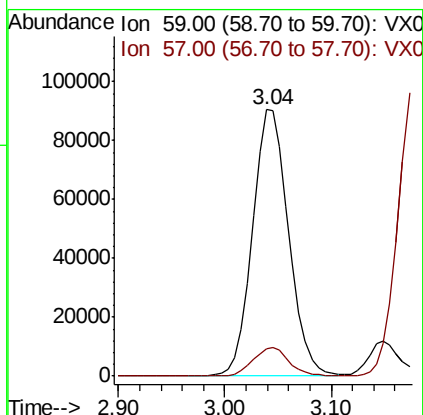
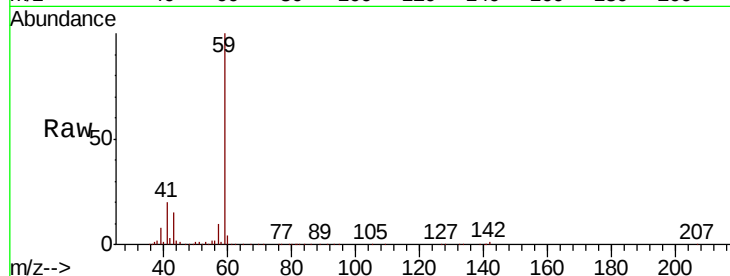


#11

Tert butyl alcohol
Concen: 601.998 ug/l
RT: 3.04 min Scan# 353
Delta R.T. 0.01 min
Lab File: VX012015.D
Acq: 02 Sep 2019 14:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

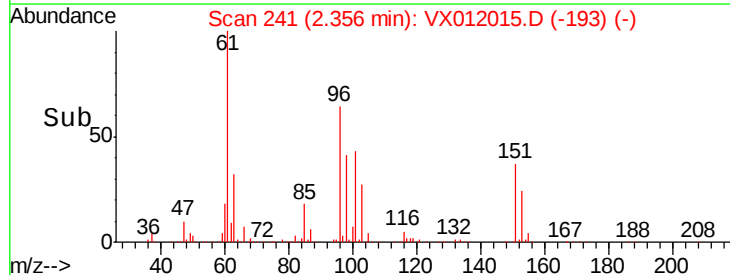
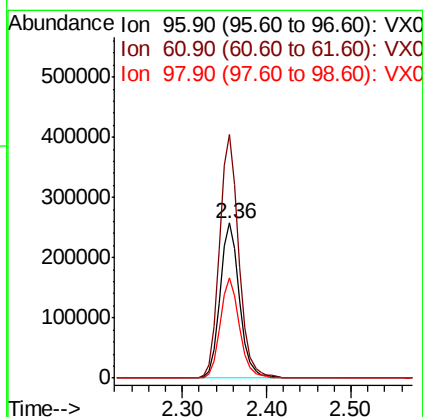
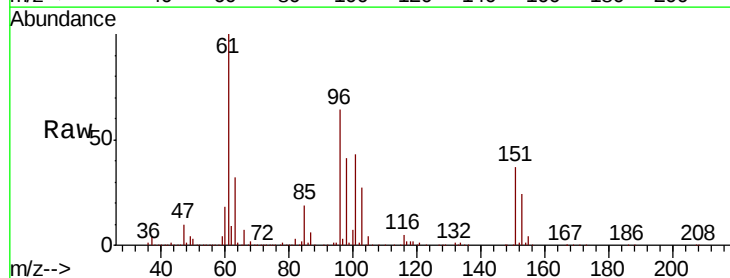
Tgt Ion: 59 Resp: 214889
Ion Ratio Lower Upper
59 100
57 10.5 7.9 11.9

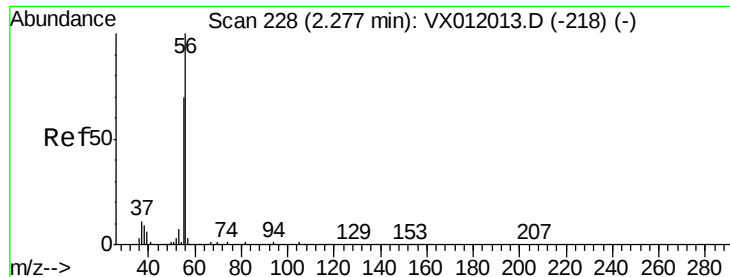


#12

1,1-Dichloroethene
Concen: 146.754 ug/l
RT: 2.36 min Scan# 241
Delta R.T. -0.01 min
Lab File: VX012015.D
Acq: 02 Sep 2019 14:42

Tgt Ion: 96 Resp: 408246
Ion Ratio Lower Upper
96 100
61 157.3 124.1 186.1
98 64.7 50.2 75.2





#13

Acrolein

Concen: 400.312 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.01 min

Lab File: VX012015.D

Acq: 02 Sep 2019 14:42

Instrument :

MSVOA_X

ClientSampleId :

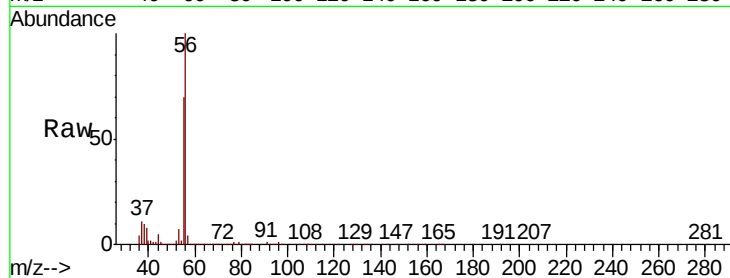
VSTDIC150

Tgt Ion: 56 Resp: 68999

Ion Ratio Lower Upper

56 100

55 68.0 59.2 88.8



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.28

40000

30000

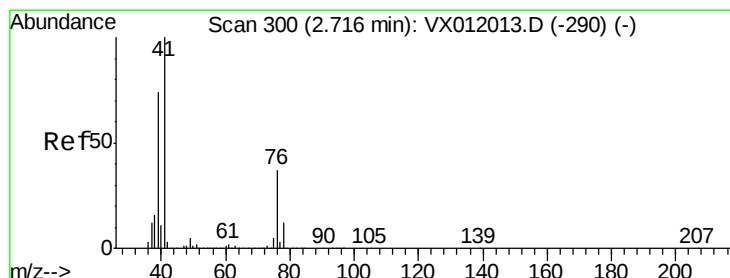
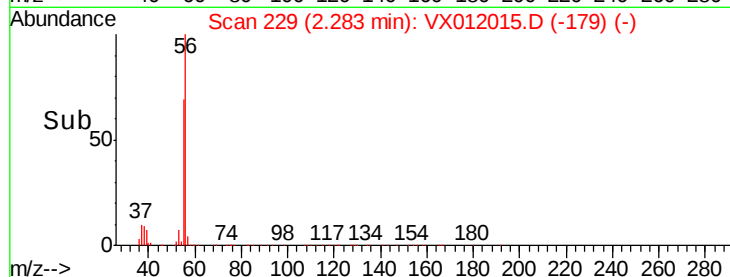
20000

10000

0

Time-->

2.20 2.30 2.40



#14

Allyl chloride

Concen: 134.069 ug/l

RT: 2.71 min Scan# 299

Delta R.T. -0.01 min

Lab File: VX012015.D

Acq: 02 Sep 2019 14:42

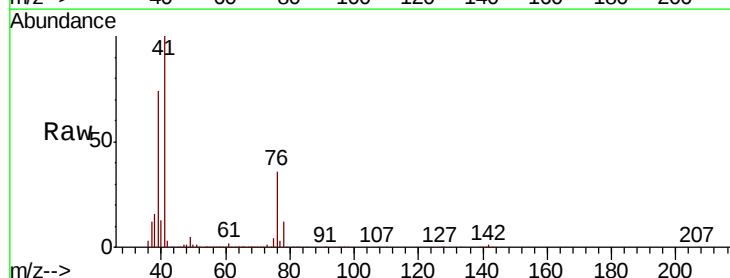
Tgt Ion: 41 Resp: 687172

Ion Ratio Lower Upper

41 100

39 72.0 57.9 86.9

76 36.4 28.5 42.7



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

2.71

400000

300000

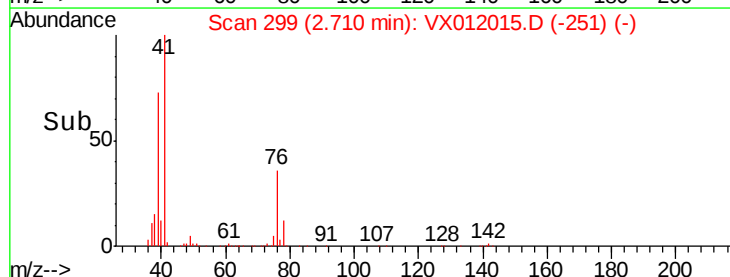
200000

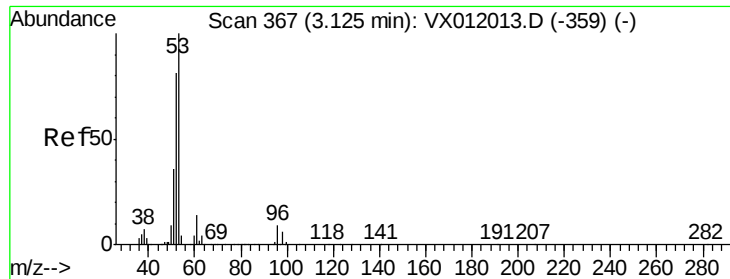
100000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 622.895 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.01 min

Lab File: VX012015.D

Acq: 02 Sep 2019 14:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

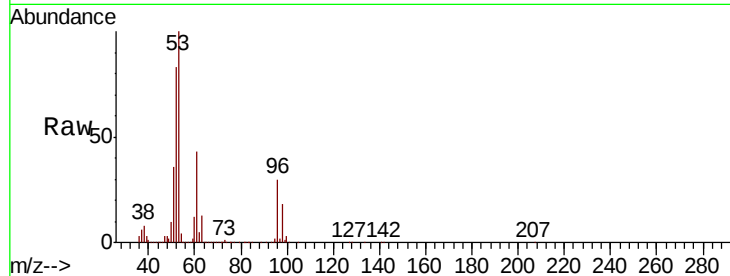
Tgt Ion: 53 Resp: 526339

Ion Ratio Lower Upper

53 100

52 82.4 65.6 98.4

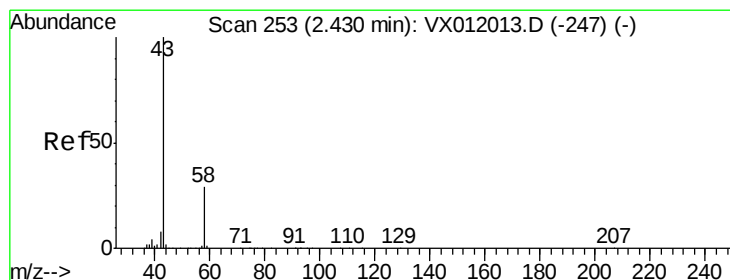
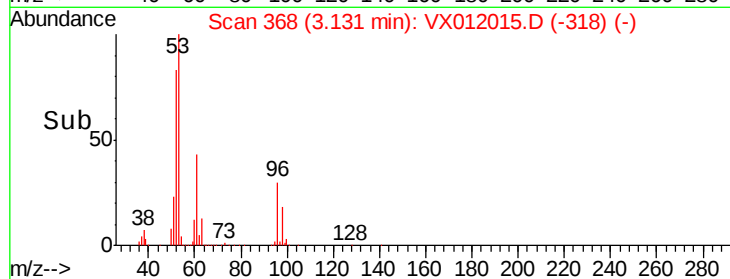
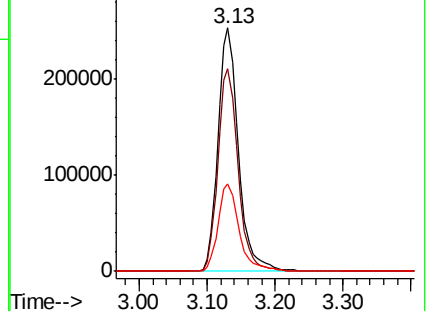
51 37.1 29.8 44.6



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 592.431 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.01 min

Lab File: VX012015.D

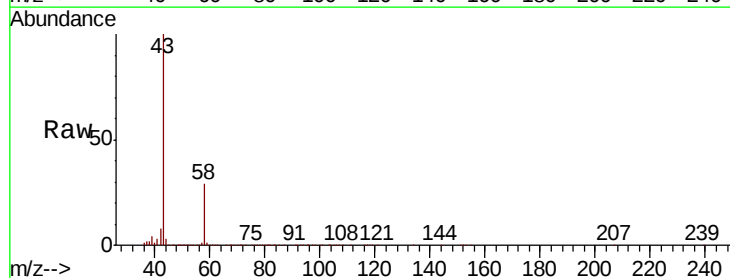
Acq: 02 Sep 2019 14:42

Tgt Ion: 43 Resp: 478028

Ion Ratio Lower Upper

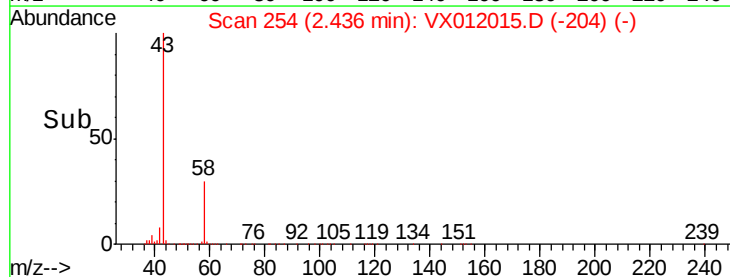
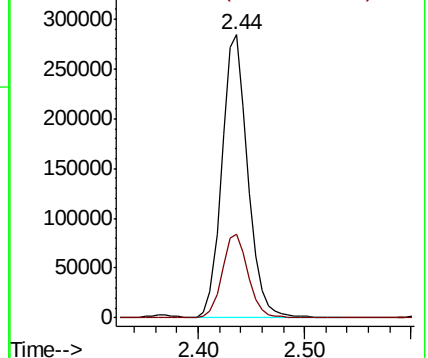
43 100

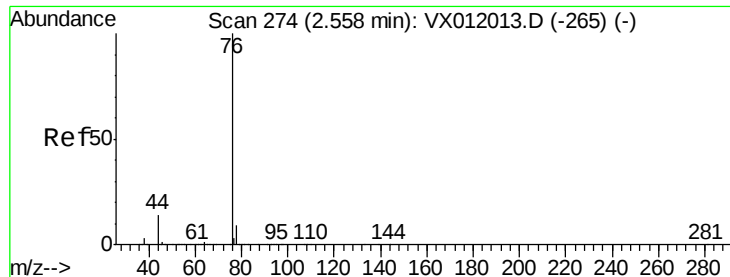
58 29.5 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

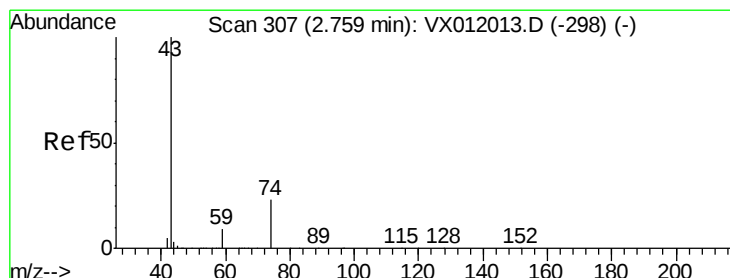
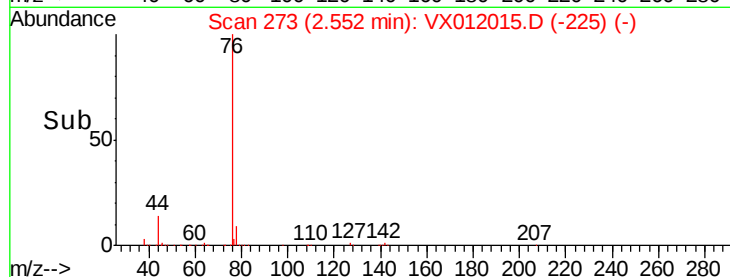
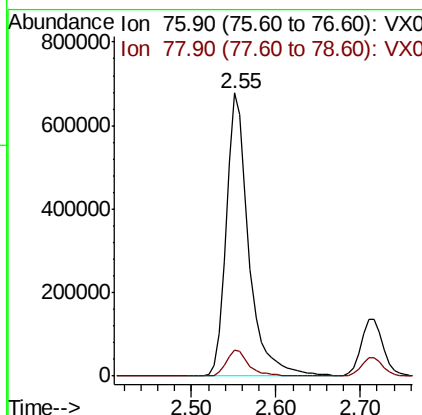
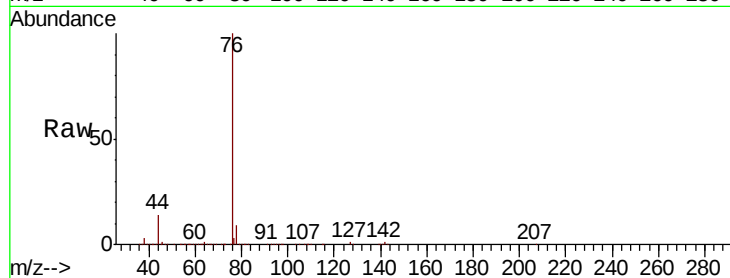




#17
Carbon Disulfide
Concen: 155.152 ug/l
RT: 2.55 min Scan# 273
Delta R.T. -0.01 min
Lab File: VX012015.D
Acq: 02 Sep 2019 14:42

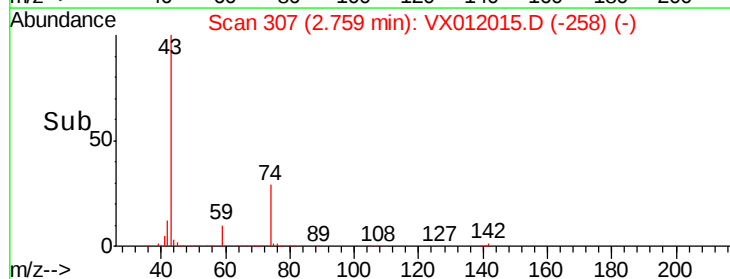
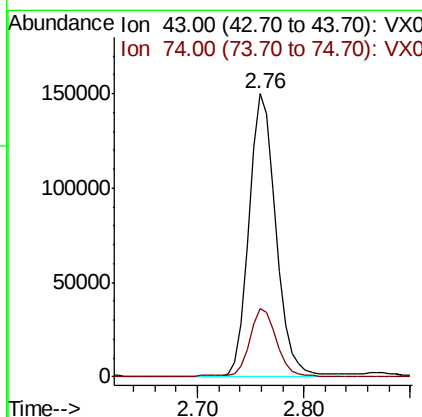
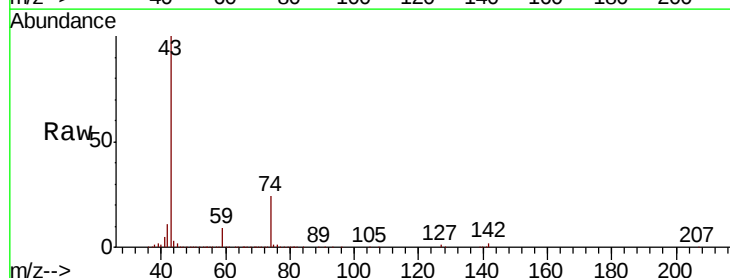
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

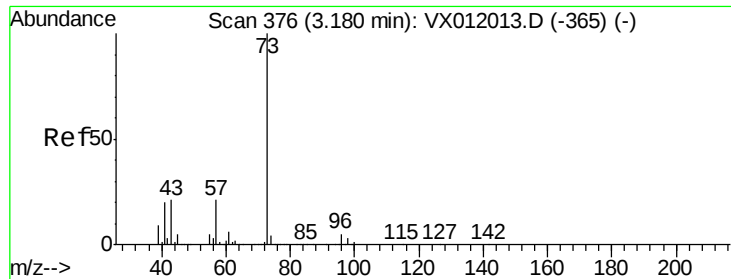
Tgt Ion: 76 Resp: 1241198
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2



#18
Methyl Acetate
Concen: 120.583 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.00 min
Lab File: VX012015.D
Acq: 02 Sep 2019 14:42

Tgt Ion: 43 Resp: 265845
Ion Ratio Lower Upper
43 100
74 23.7 19.5 29.3

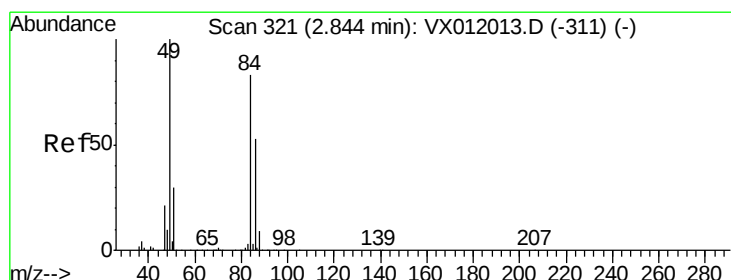
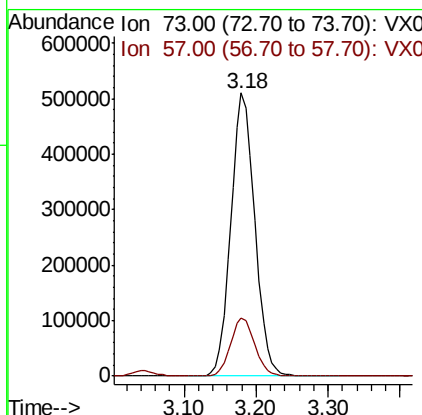
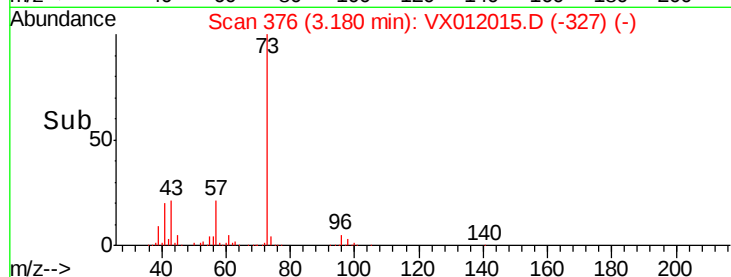
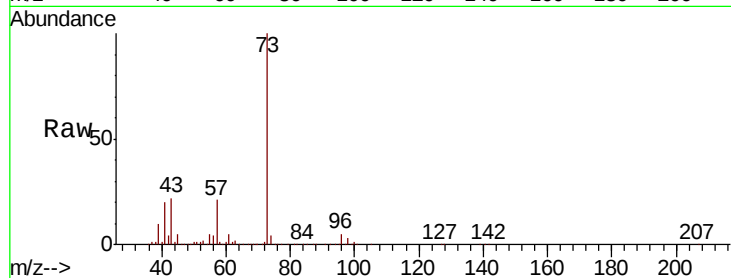




#19
Methyl tert-butyl Ether
Concen: 132.817 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.00 min
Lab File: VX012015.D
Acq: 02 Sep 2019 14:42

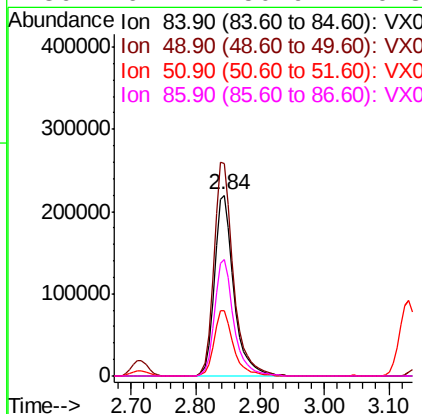
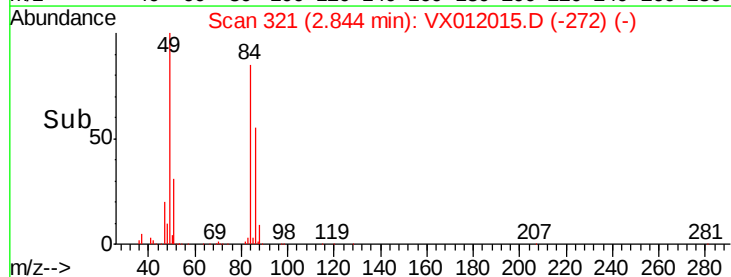
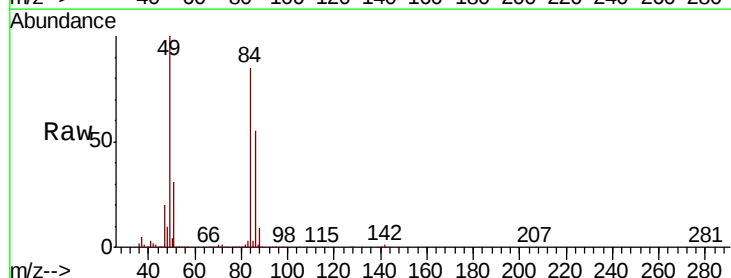
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

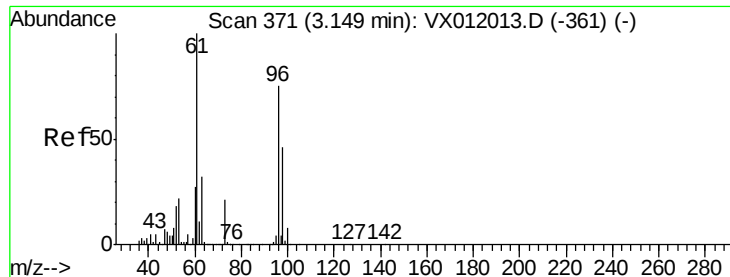
Tgt Ion: 73 Resp: 1178847
Ion Ratio Lower Upper
73 100
57 20.7 16.6 25.0



#20
Methylene Chloride
Concen: 116.203 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX012015.D
Acq: 02 Sep 2019 14:42

Tgt Ion: 84 Resp: 464009
Ion Ratio Lower Upper
84 100
49 117.6 95.8 143.8
51 36.1 28.6 43.0
86 64.4 50.9 76.3





#21

trans-1,2-Dichloroethene

Concen: 146.015 ug/l

RT: 3.15 min Scan# 371

Delta R.T. -0.00 min

Lab File: VX012015.D

Acq: 02 Sep 2019 14:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

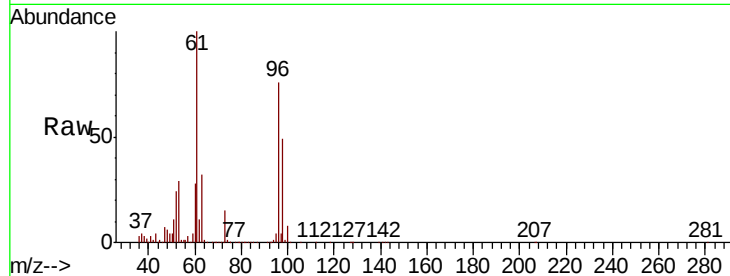
Tgt Ion: 96 Resp: 477389

Ion Ratio Lower Upper

96 100

61 131.6 107.0 160.6

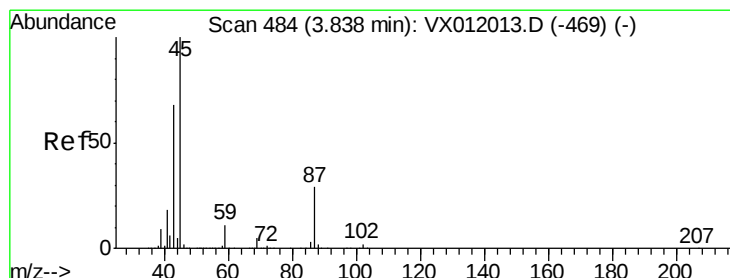
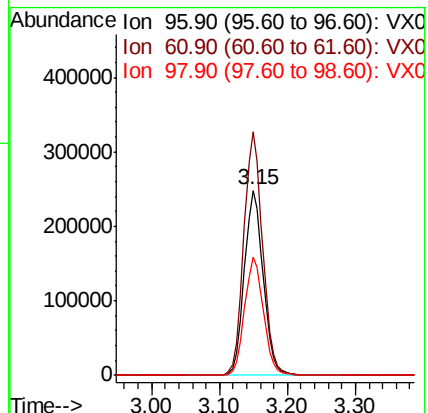
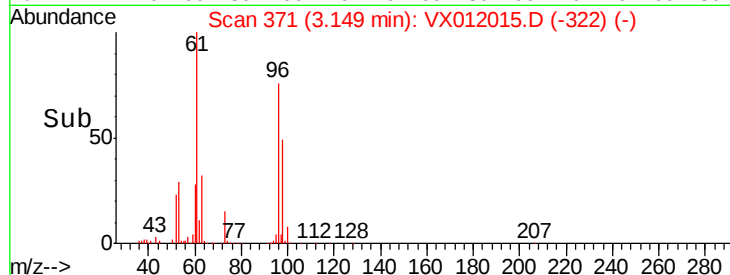
98 63.9 49.8 74.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 130.353 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.01 min

Lab File: VX012015.D

Acq: 02 Sep 2019 14:42

Tgt Ion: 45 Resp: 1359577

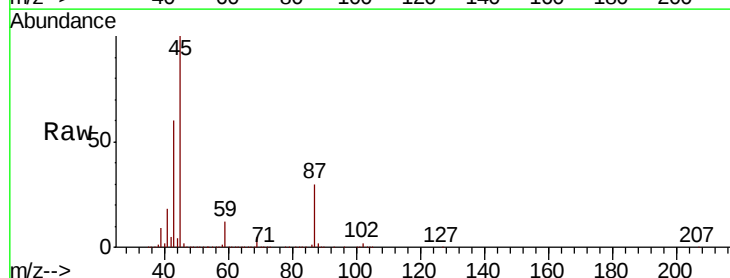
Ion Ratio Lower Upper

45 100

43 60.1 54.2 81.4

87 30.0 23.4 35.0

59 11.9 9.0 13.6

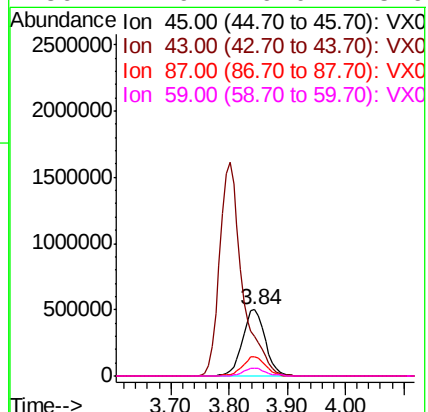
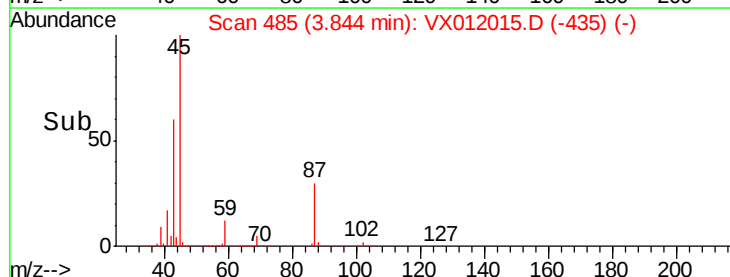


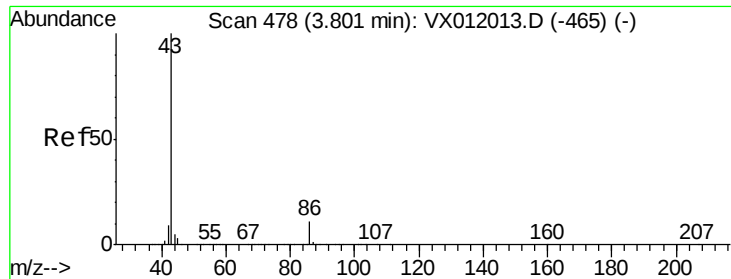
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0

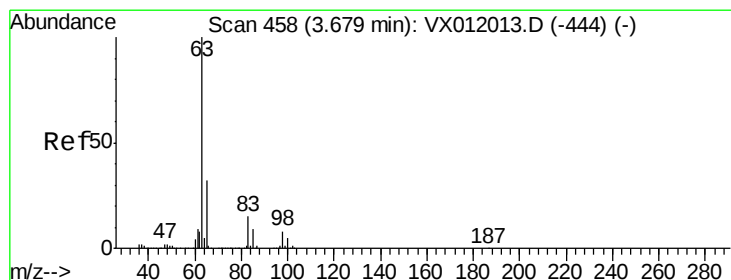
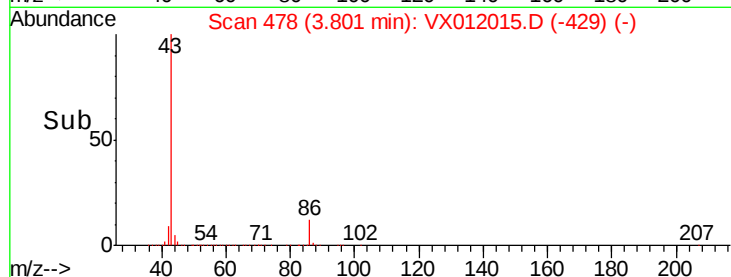
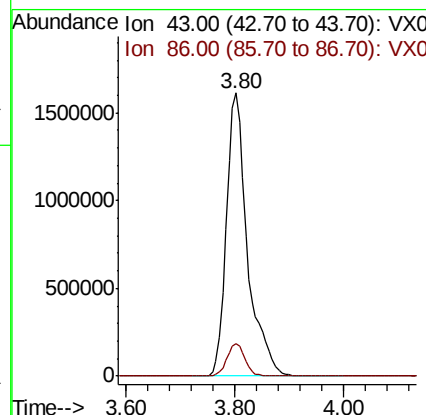
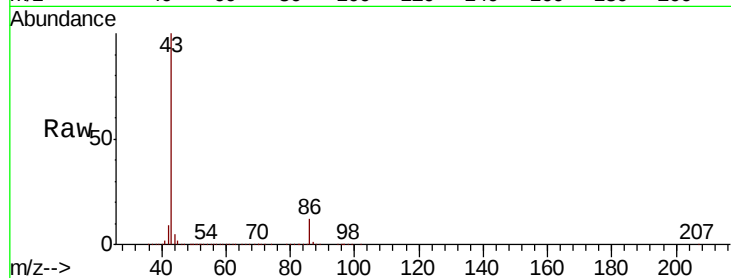




#23
 Vinyl Acetate
 Concen: 647.302 ug/l
 RT: 3.80 min Scan# 478
 Delta R.T. -0.00 min
 Lab File: VX012015.D
 Acq: 02 Sep 2019 14:42

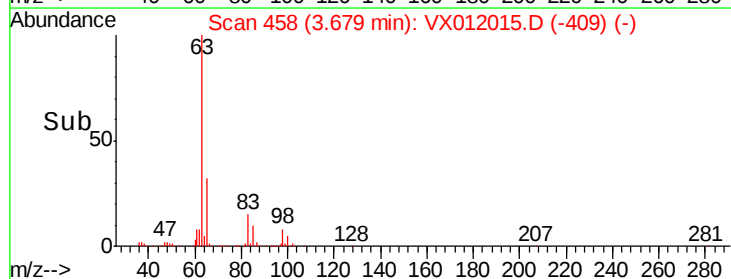
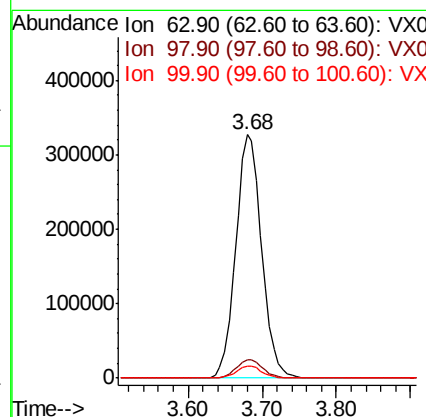
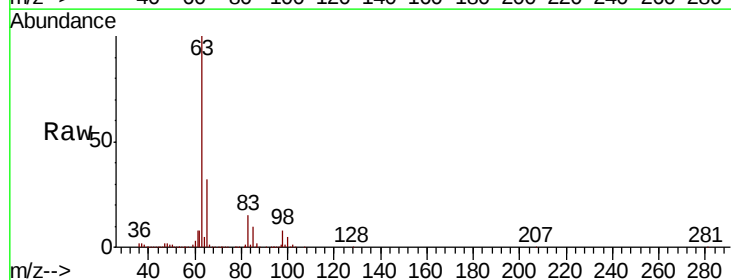
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

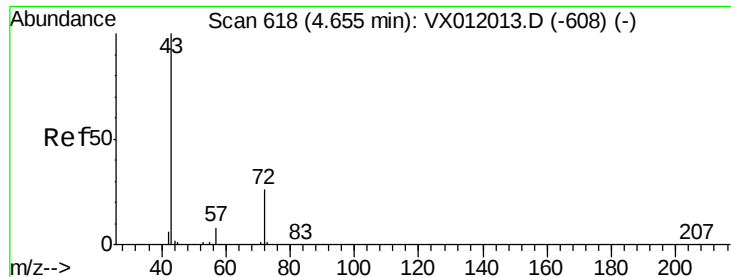
Tgt Ion: 43 Resp: 4334173
 Ion Ratio Lower Upper
 43 100
 86 11.6 9.0 13.6



#24
 1,1-Dichloroethane
 Concen: 136.913 ug/l
 RT: 3.68 min Scan# 458
 Delta R.T. -0.00 min
 Lab File: VX012015.D
 Acq: 02 Sep 2019 14:42

Tgt Ion: 63 Resp: 793268
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.9 11.7
 100 5.0 2.5 7.4

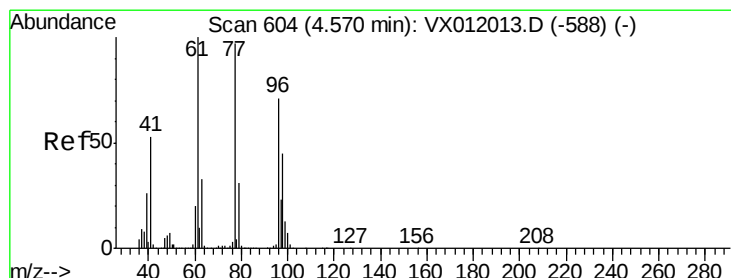
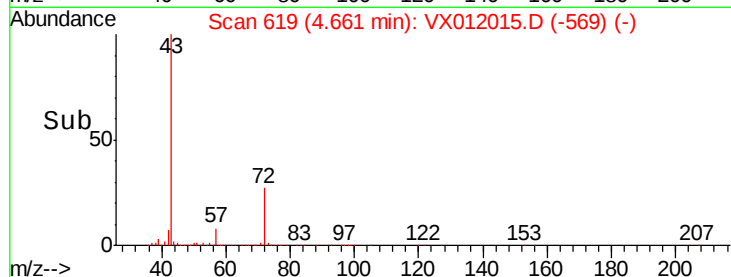
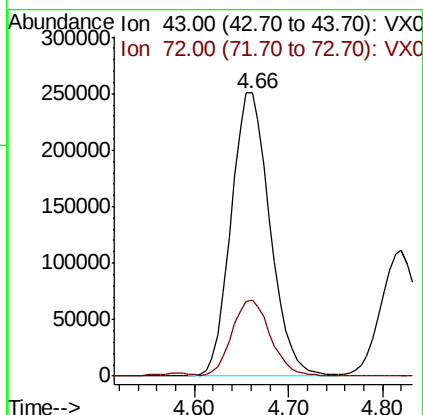
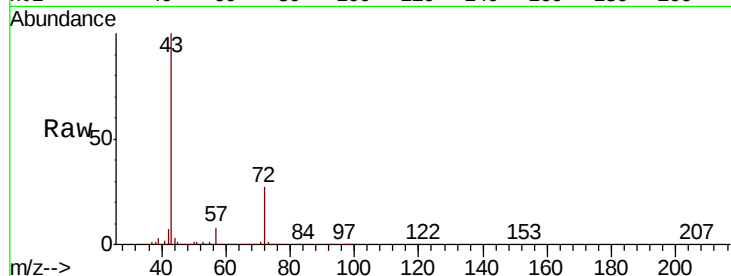




#25
2-Butanone
Concen: 619.456 ug/l
RT: 4.66 min Scan# 619
Delta R.T. 0.01 min
Lab File: VX012015.D
Acq: 02 Sep 2019 14:42

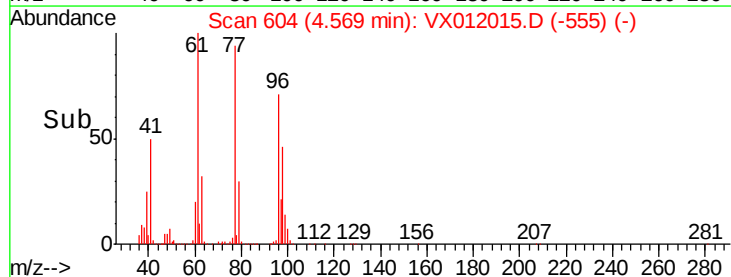
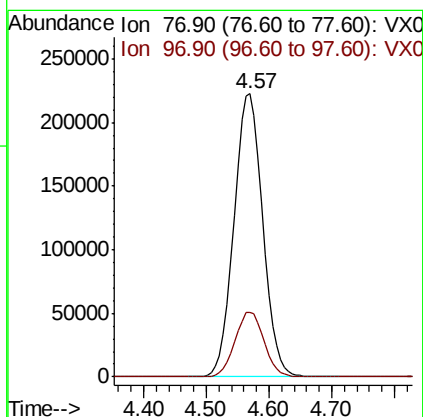
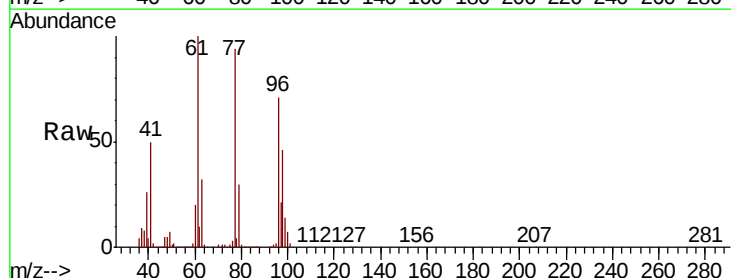
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

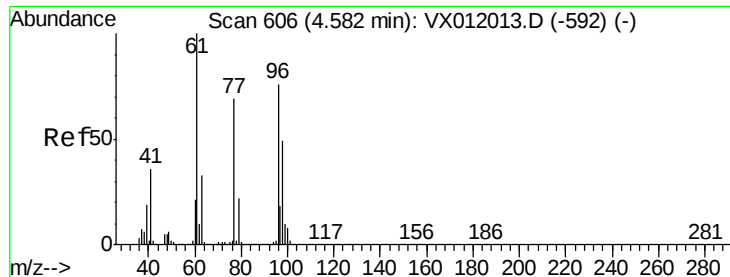
Tgt Ion: 43 Resp: 718442
Ion Ratio Lower Upper
43 100
72 26.9 21.3 31.9



#26
2,2-Dichloropropane
Concen: 142.839 ug/l
RT: 4.57 min Scan# 604
Delta R.T. -0.00 min
Lab File: VX012015.D
Acq: 02 Sep 2019 14:42

Tgt Ion: 77 Resp: 705177
Ion Ratio Lower Upper
77 100
97 23.3 11.5 34.5



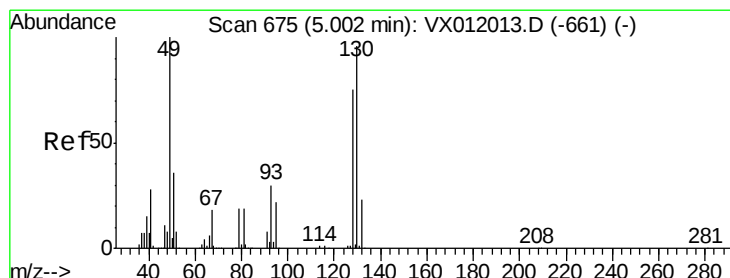
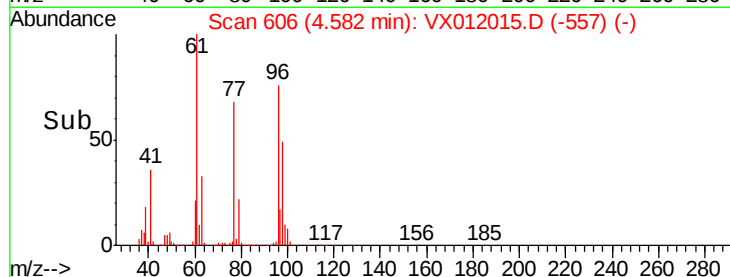
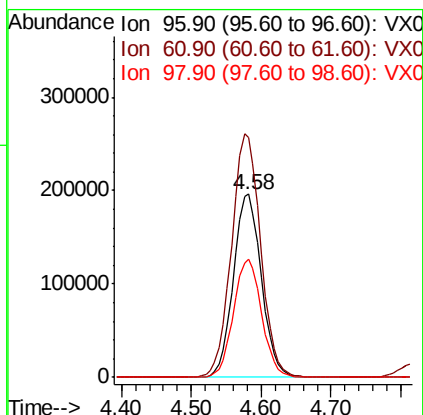
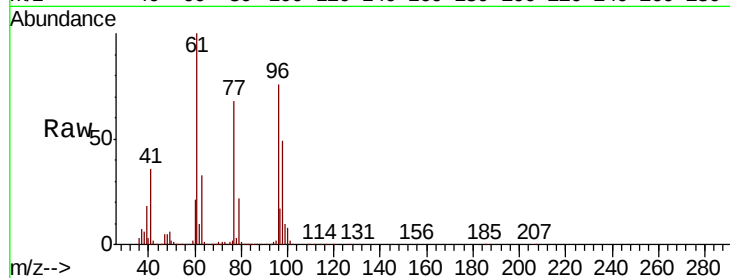


#27

cis-1,2-Dichloroethene
 Concen: 142.529 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: VX012015.D
 Acq: 02 Sep 2019 14:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

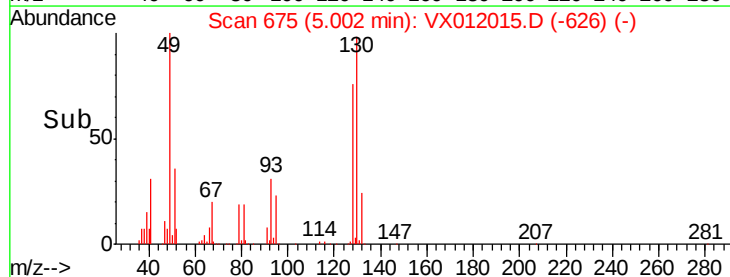
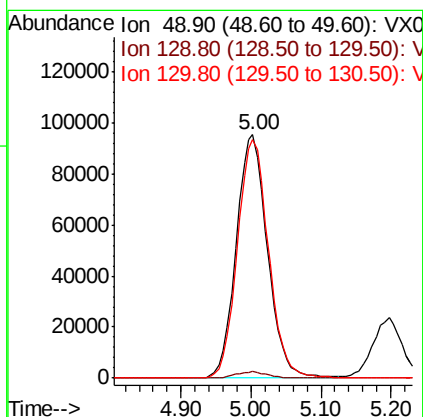
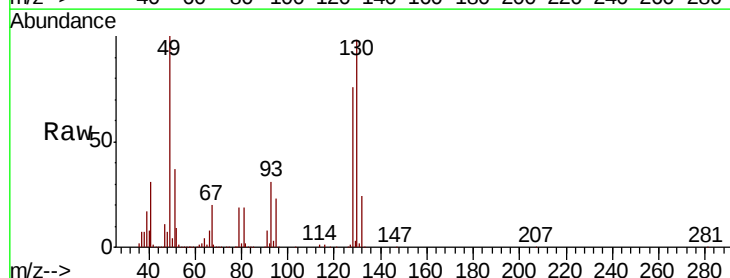
Tgt Ion	Resp	Lower	Upper
96	545895		
Ion Ratio			
96	100		
61	138.3	0.0	277.0
98	65.0	0.0	128.4

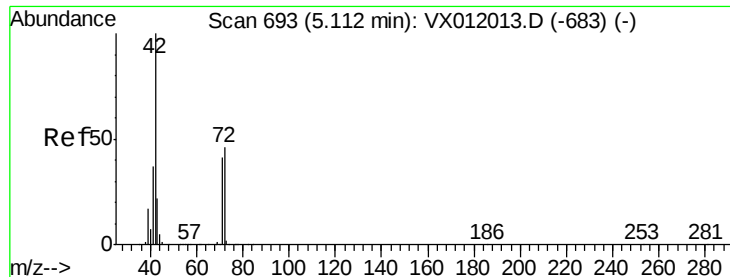


#28

Bromochloromethane
 Concen: 115.976 ug/l
 RT: 5.00 min Scan# 675
 Delta R.T. -0.00 min
 Lab File: VX012015.D
 Acq: 02 Sep 2019 14:42

Tgt Ion	Resp	Lower	Upper
49	296205		
Ion Ratio			
49	100		
129	2.7	0.0	5.6
130	97.6	76.7	115.1





#29

Tetrahydrofuran

Concen: 622.692 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.00 min

Lab File: VX012015.D

Acq: 02 Sep 2019 14:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

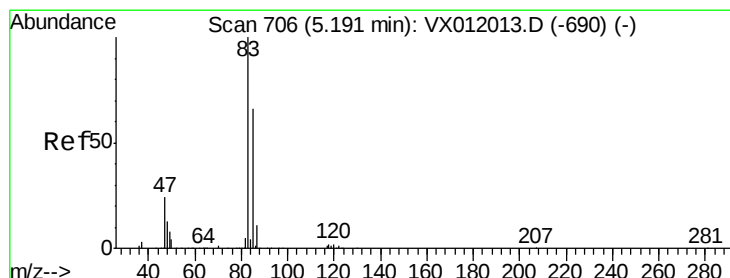
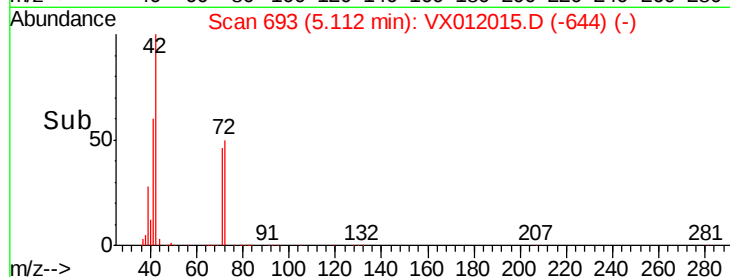
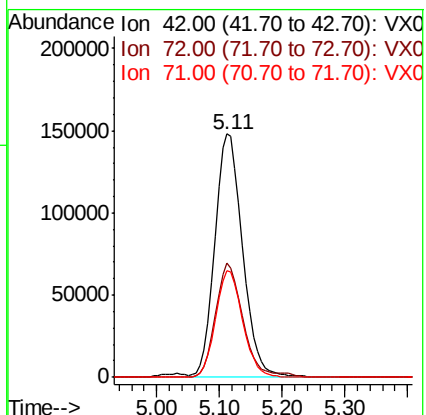
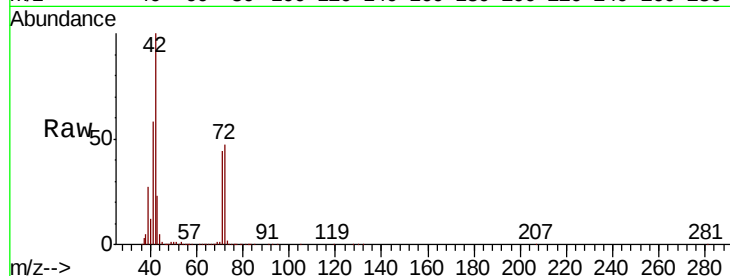
Tgt Ion: 42 Resp: 450559

Ion Ratio Lower Upper

42 100

72 46.9 37.0 55.4

71 43.1 33.8 50.8



#30

Chloroform

Concen: 138.987 ug/l

RT: 5.20 min Scan# 707

Delta R.T. 0.01 min

Lab File: VX012015.D

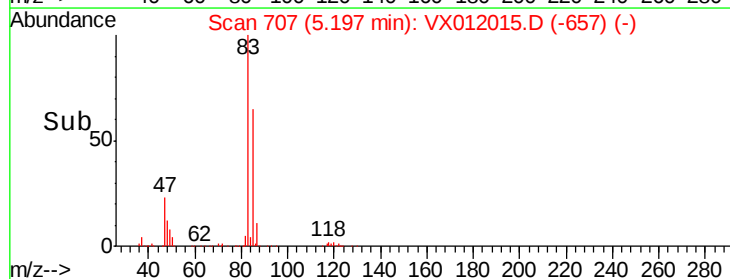
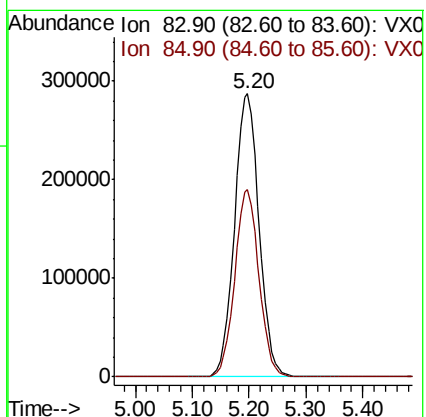
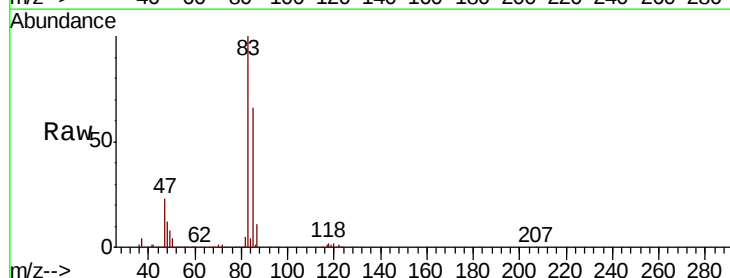
Acq: 02 Sep 2019 14:42

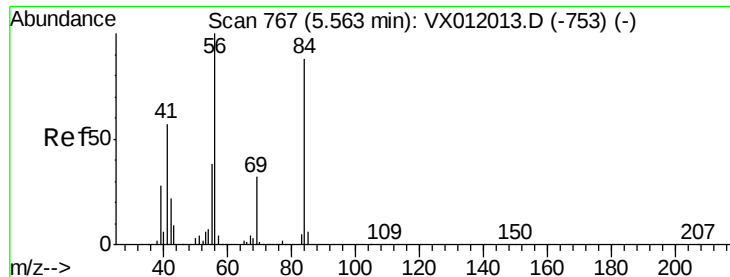
Tgt Ion: 83 Resp: 864219

Ion Ratio Lower Upper

83 100

85 66.0 52.6 78.8

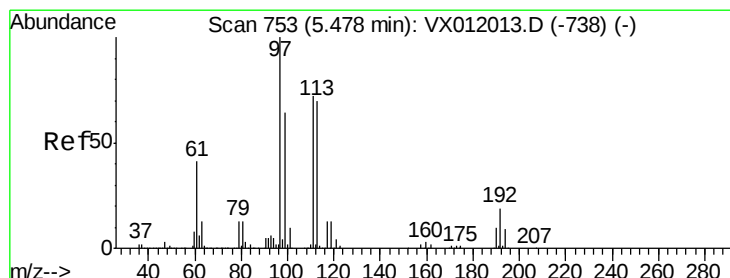
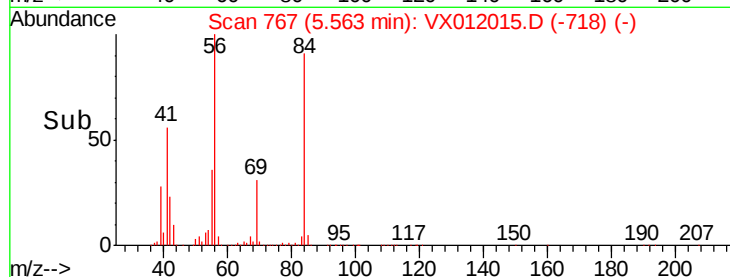
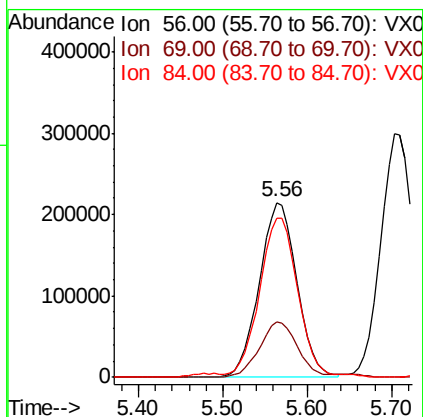
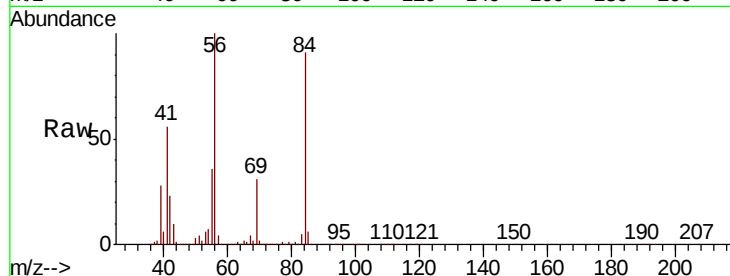




#31
Cyclohexane
Concen: 139.114 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.00 min
Lab File: VX012015.D
Acq: 02 Sep 2019 14:42

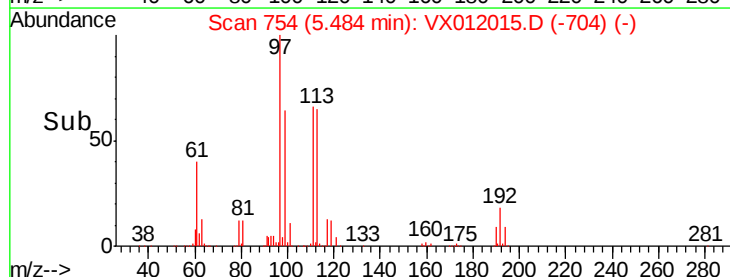
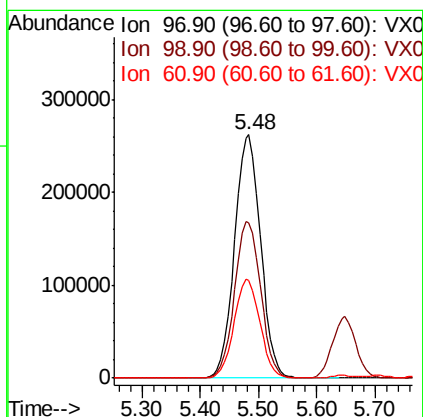
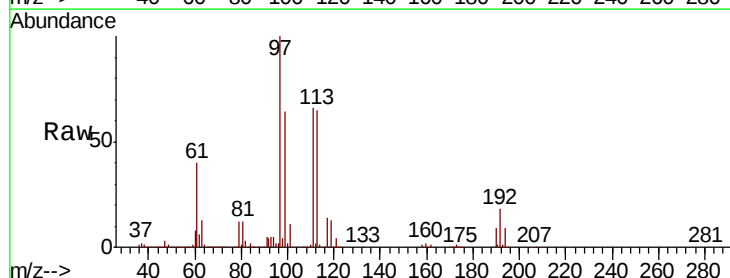
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

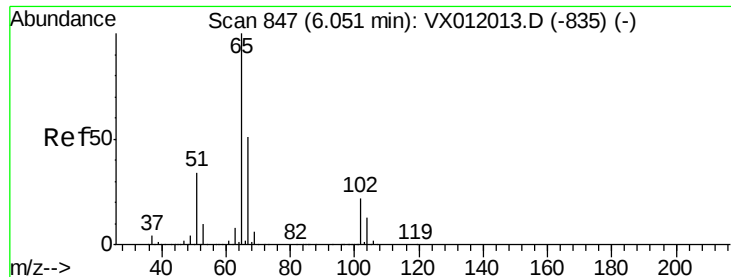
Tgt Ion: 56 Resp: 658851
Ion Ratio Lower Upper
56 100
69 31.4 25.7 38.5
84 90.0 70.3 105.5



#32
1,1,1-Trichloroethane
Concen: 145.920 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.01 min
Lab File: VX012015.D
Acq: 02 Sep 2019 14:42

Tgt Ion: 97 Resp: 813482
Ion Ratio Lower Upper
97 100
99 64.7 52.1 78.1
61 40.6 32.8 49.2





#33

1,2-Dichloroethane-d4

Concen: 129.392 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX012015.D

Acq: 02 Sep 2019 14:42

Instrument :

MSVOA_X

ClientSampleId :

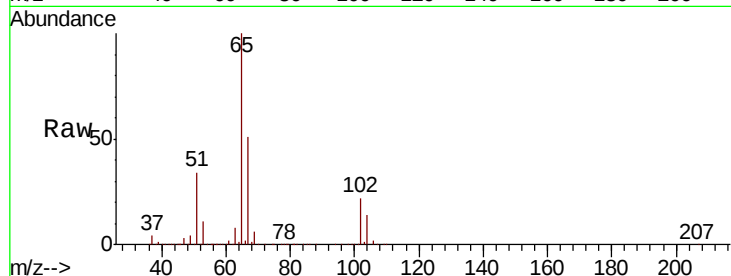
VSTDIC150

Tgt Ion: 65 Resp: 492125

Ion Ratio Lower Upper

65 100

67 50.8 0.0 102.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

200000

150000

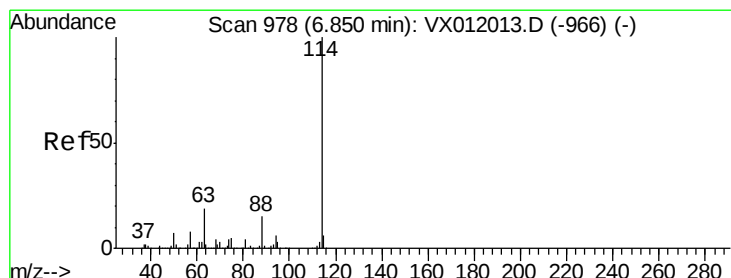
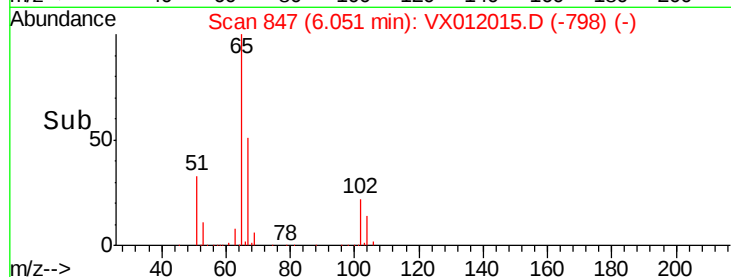
100000

50000

0

Time-->

5.90 6.00 6.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX012015.D

Acq: 02 Sep 2019 14:42

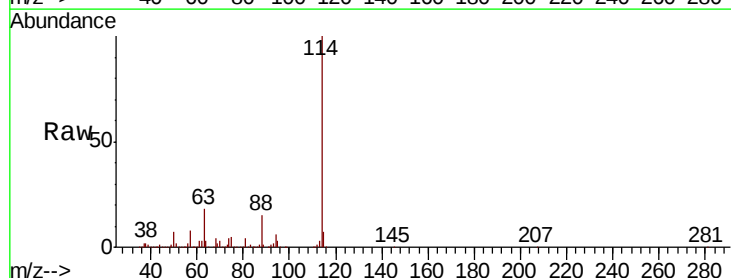
Tgt Ion: 114 Resp: 526589

Ion Ratio Lower Upper

114 100

63 18.3 0.0 37.4

88 14.7 0.0 29.6



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

300000

250000

200000

150000

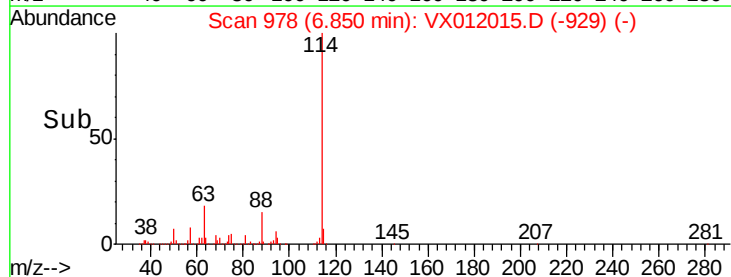
100000

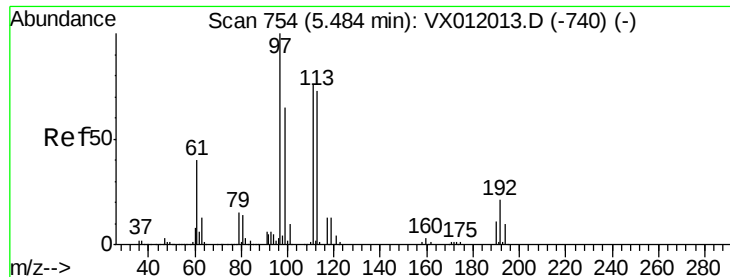
50000

0

Time-->

6.70 6.80 6.90 7.00

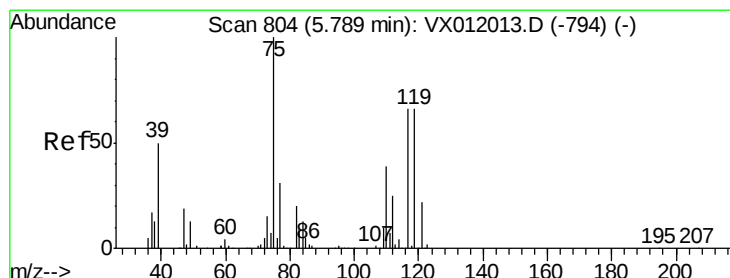
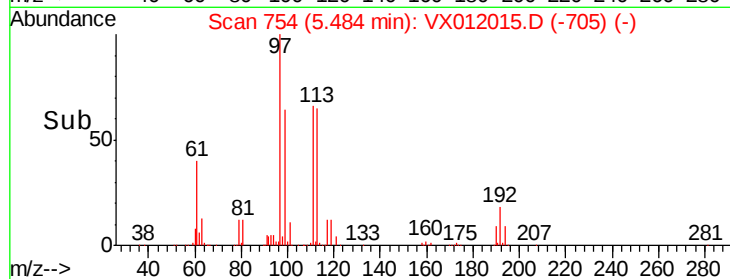
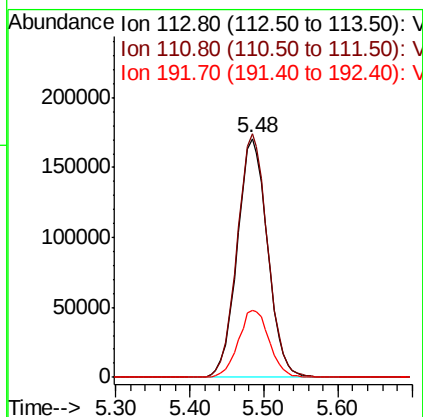
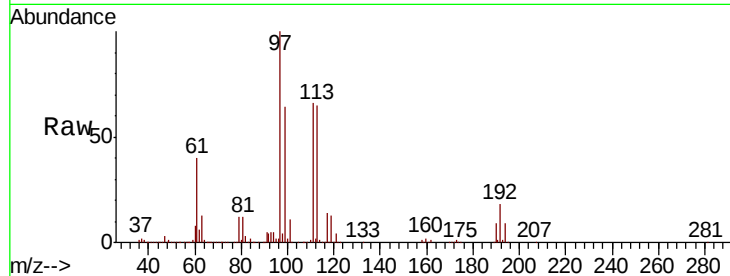




#35
 Dibromofluoromethane
 Concen: 143.238 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: VX012015.D
 Acq: 02 Sep 2019 14:42

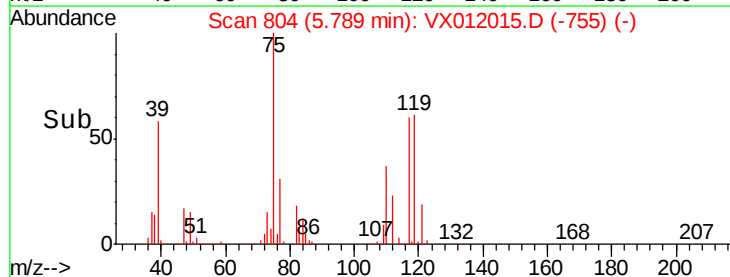
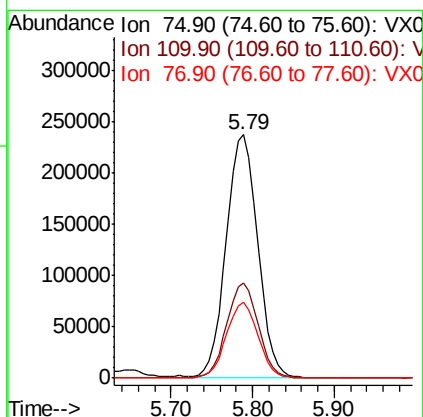
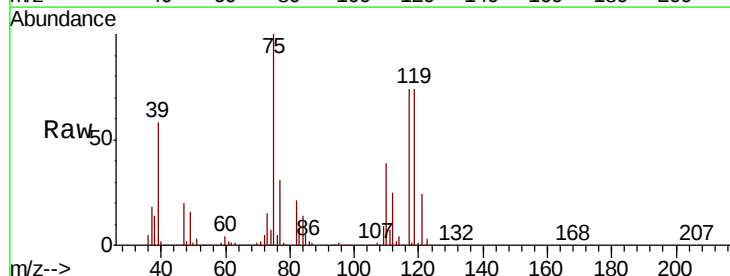
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

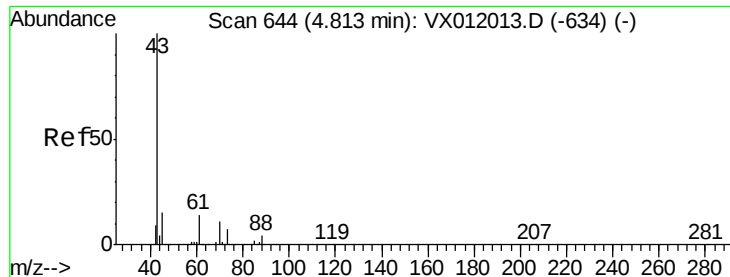
Tgt Ion:113 Resp: 487049
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.7 122.5
 192 28.4 22.5 33.7



#36
 1,1-Dichloropropene
 Concen: 152.343 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: VX012015.D
 Acq: 02 Sep 2019 14:42

Tgt Ion: 75 Resp: 635013
 Ion Ratio Lower Upper
 75 100
 110 38.9 19.5 58.5
 77 31.0 24.6 37.0

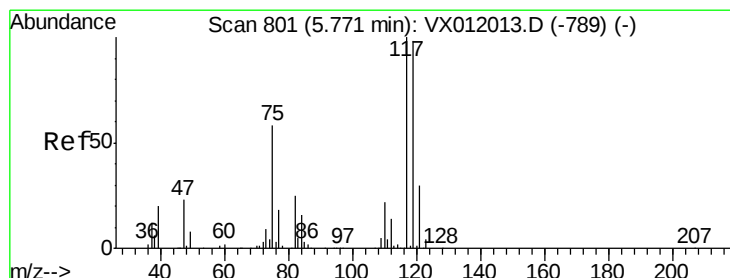
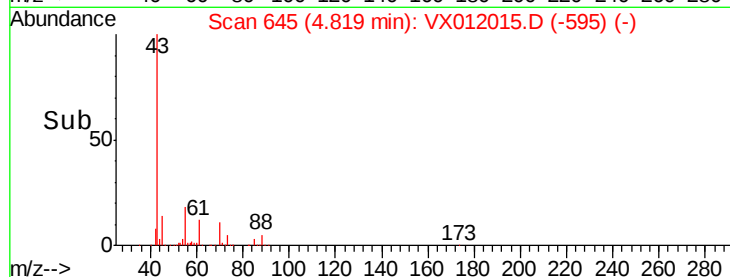
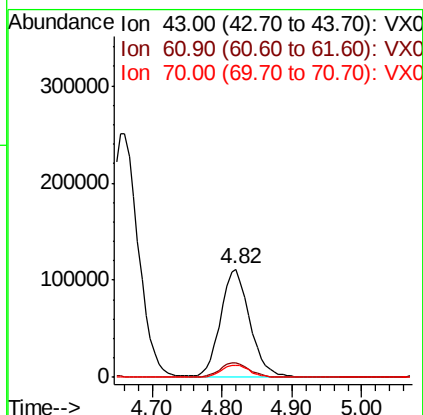
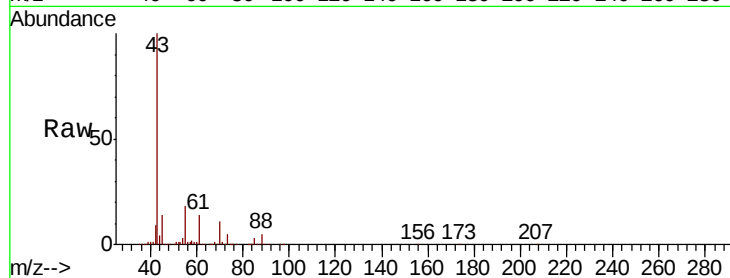




#37
Ethyl Acetate
Concen: 133.609 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.01 min
Lab File: VX012015.D
Acq: 02 Sep 2019 14:42

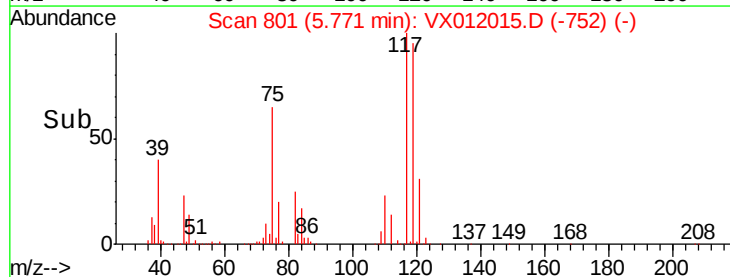
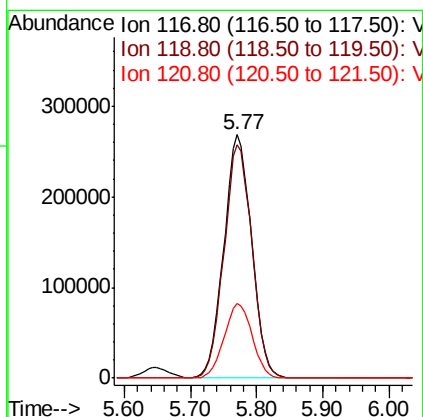
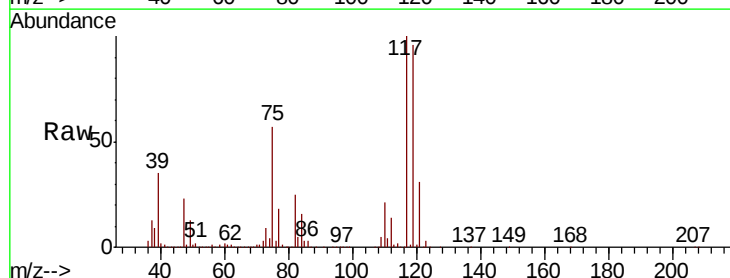
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

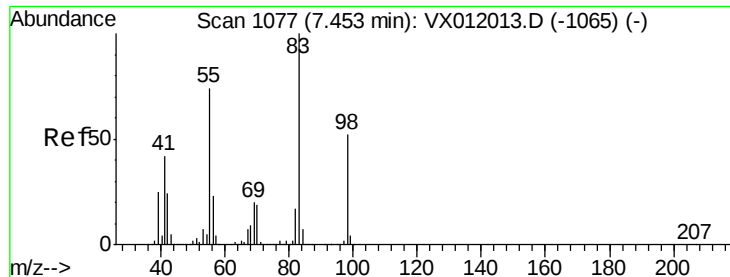
Tgt Ion: 43 Resp: 320866
Ion Ratio Lower Upper
43 100
61 13.4 10.9 16.3
70 11.3 9.4 14.0



#38
Carbon Tetrachloride
Concen: 159.867 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.00 min
Lab File: VX012015.D
Acq: 02 Sep 2019 14:42

Tgt Ion: 117 Resp: 778555
Ion Ratio Lower Upper
117 100
119 95.7 78.3 117.5
121 30.5 24.2 36.2

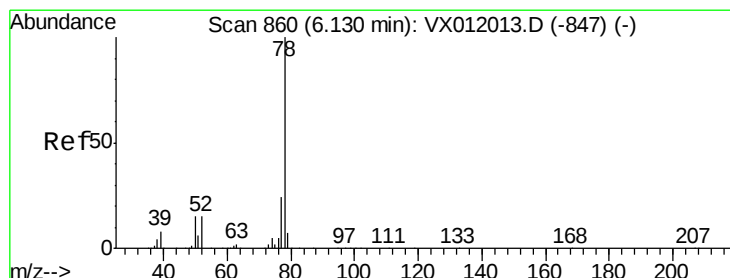
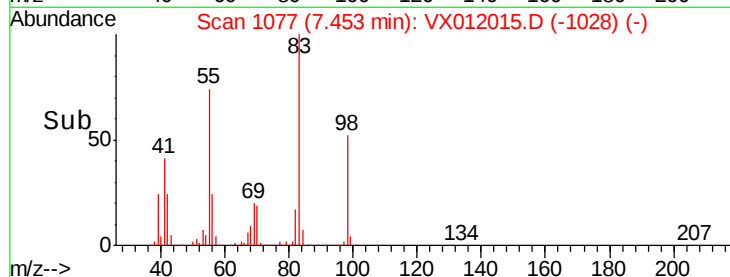
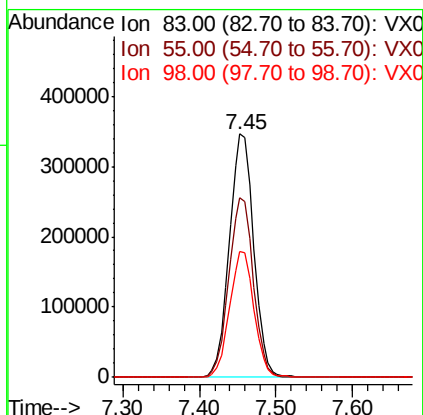
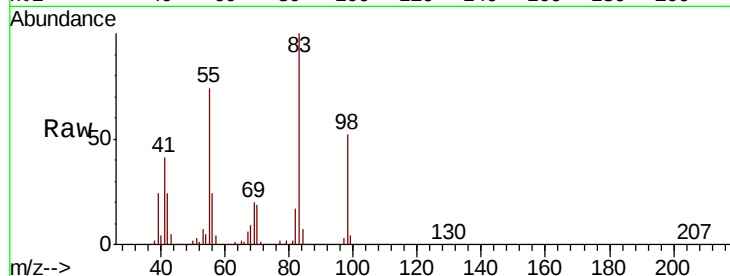




#39
Methylcyclohexane
Concen: 152.934 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VX012015.D
Acq: 02 Sep 2019 14:42

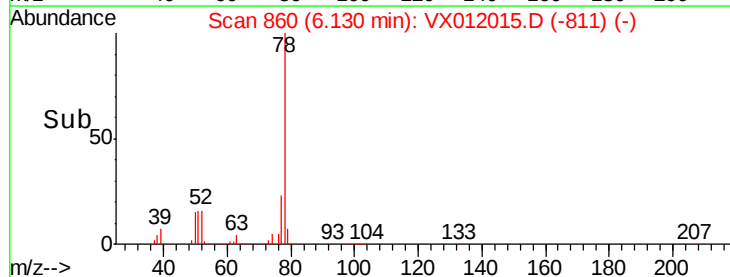
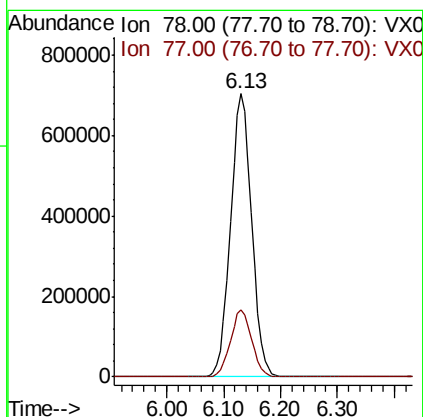
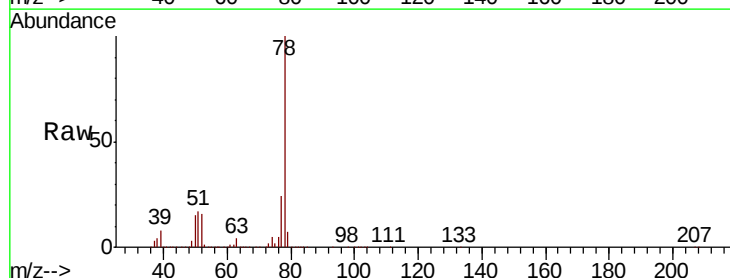
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

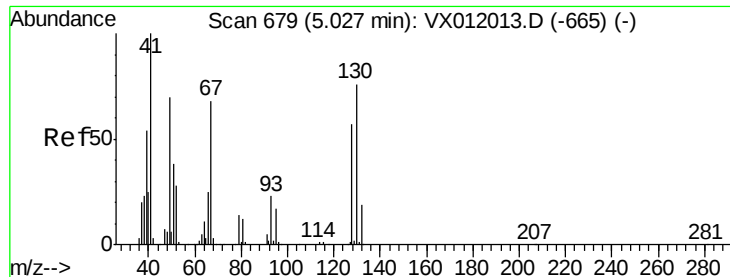
Tgt Ion: 83 Resp: 763760
Ion Ratio Lower Upper
83 100
55 73.9 59.6 89.4
98 51.6 41.4 62.0



#40
Benzene
Concen: 148.016 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX012015.D
Acq: 02 Sep 2019 14:42

Tgt Ion: 78 Resp: 1823648
Ion Ratio Lower Upper
78 100
77 23.8 19.3 28.9

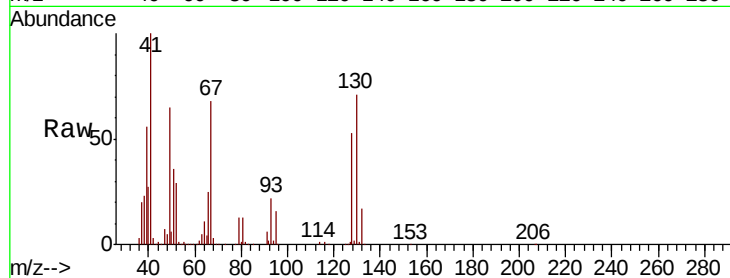




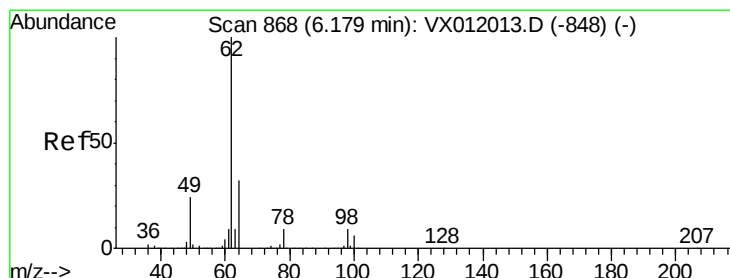
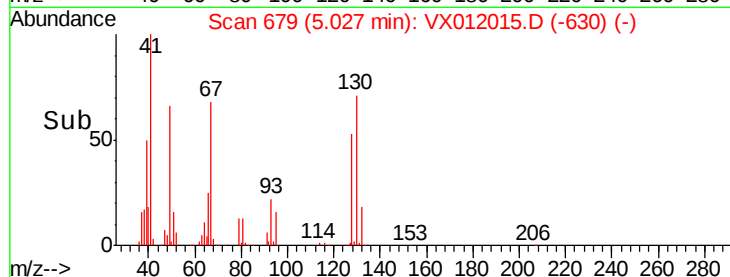
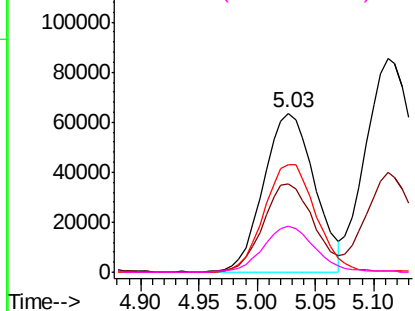
#41
Methacrylonitrile
Concen: 135.299 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.00 min
Lab File: VX012015.D
Acq: 02 Sep 2019 14:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:	41	Resp:	192040
Ion	Ratio	Lower	Upper
41	100		
39	55.0	46.7	70.1
67	69.8	57.0	85.6
52	29.2	23.5	35.3

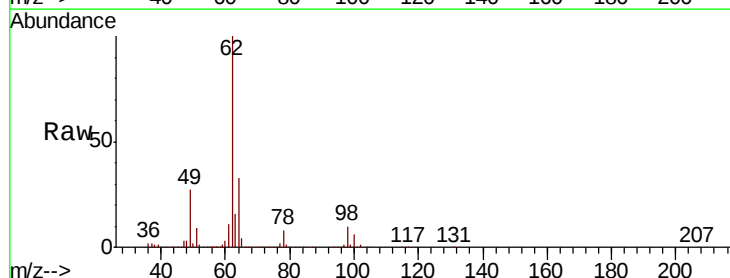


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

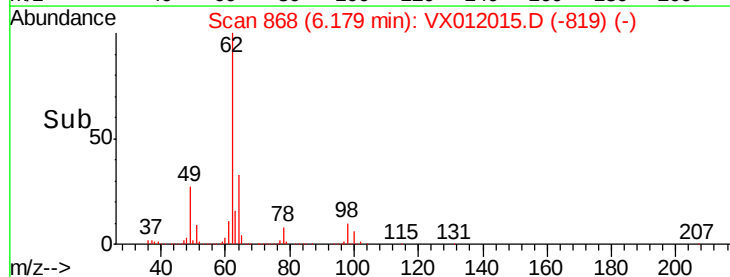
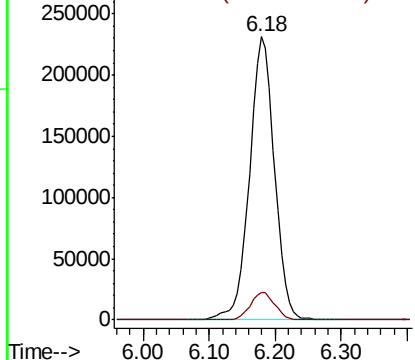


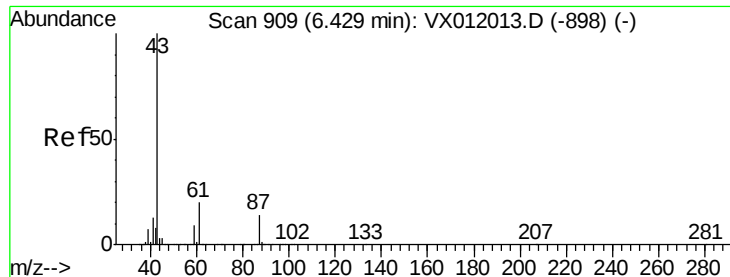
#42
1,2-Dichloroethane
Concen: 145.296 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX012015.D
Acq: 02 Sep 2019 14:42

Tgt Ion:	62	Resp:	607738
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	19.2



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 134.613 ug/l

RT: 6.44 min Scan# 910

Delta R.T. 0.01 min

Lab File: VX012015.D

Acq: 02 Sep 2019 14:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

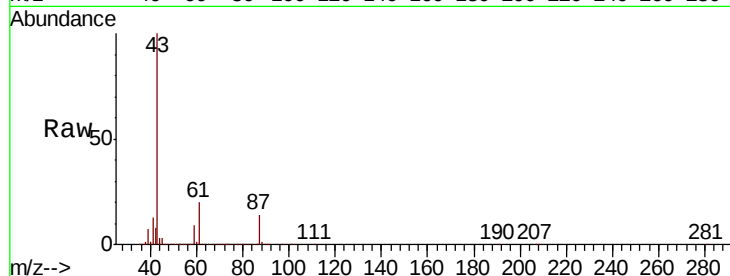
Tgt Ion: 43 Resp: 656942

Ion Ratio Lower Upper

43 100

61 20.3 16.1 24.1

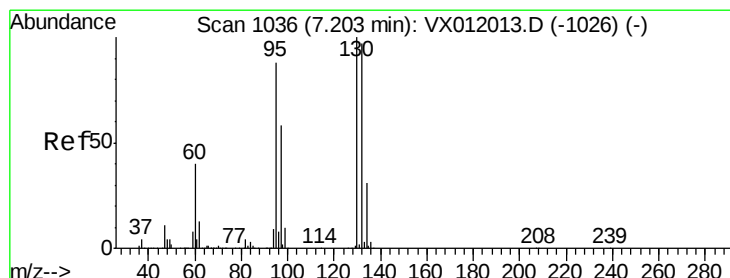
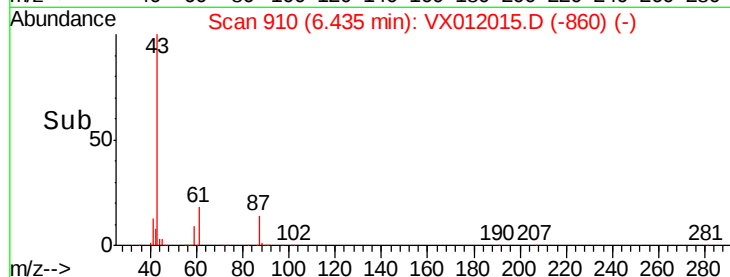
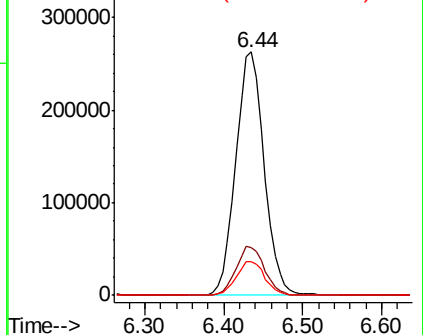
87 14.1 11.3 16.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 156.196 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.00 min

Lab File: VX012015.D

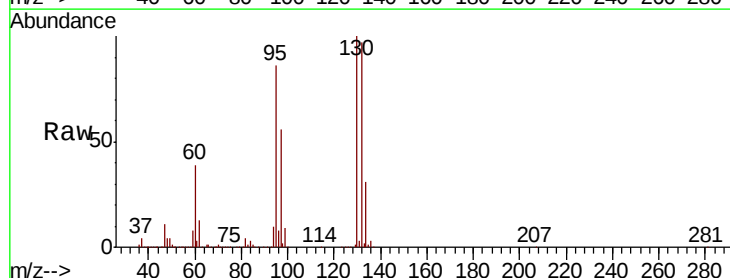
Acq: 02 Sep 2019 14:42

Tgt Ion: 130 Resp: 603504

Ion Ratio Lower Upper

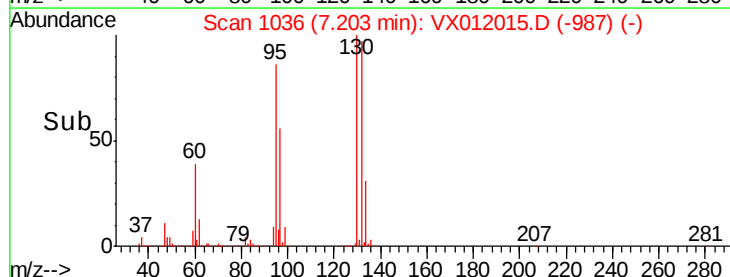
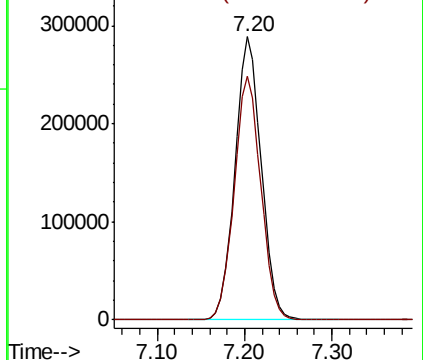
130 100

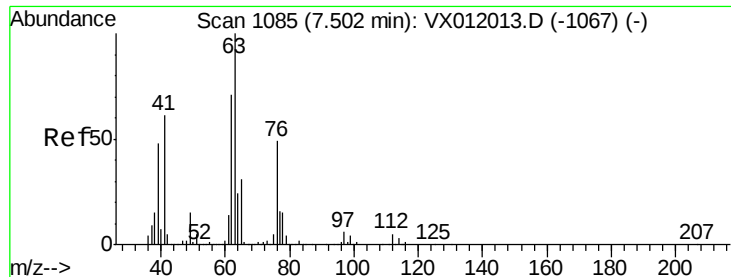
95 86.0 0.0 176.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

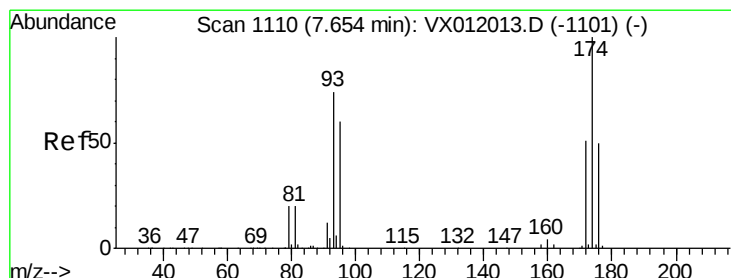
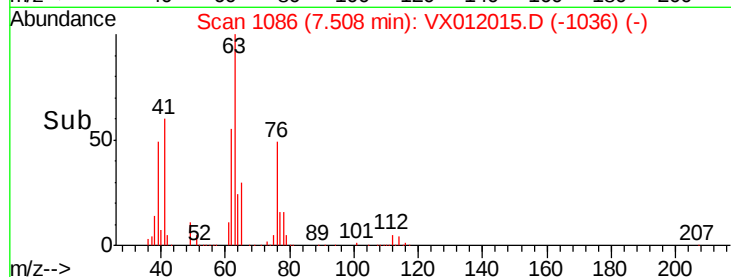
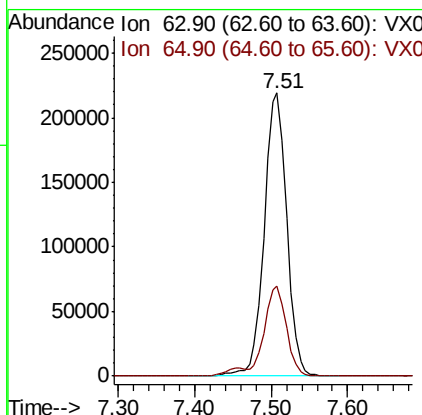
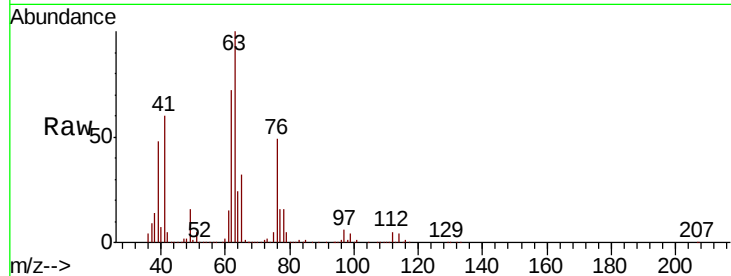




#45
 1,2-Dichloropropane
 Concen: 141.166 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.01 min
 Lab File: VX012015.D
 Acq: 02 Sep 2019 14:42

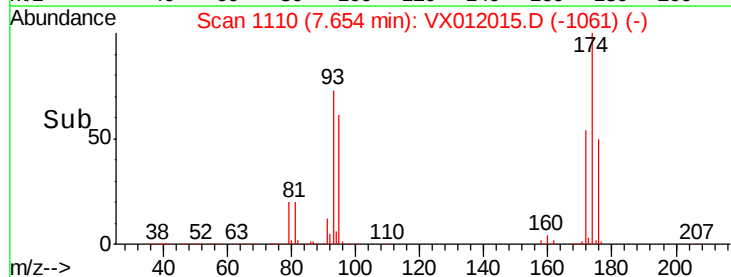
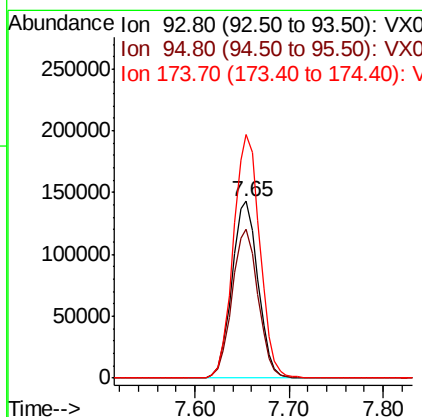
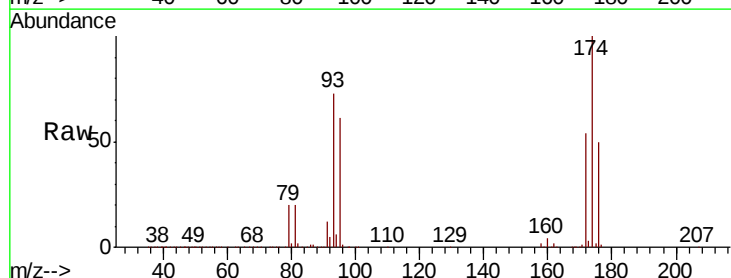
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

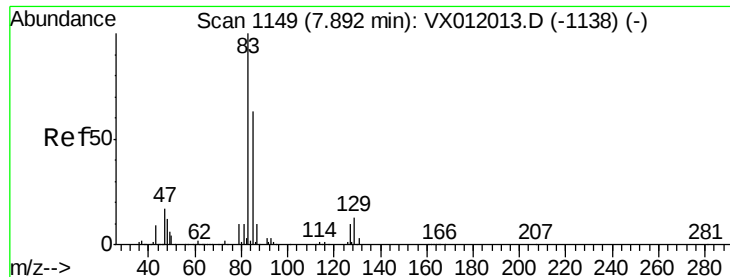
Tgt Ion: 63 Resp: 452383
 Ion Ratio Lower Upper
 63 100
 65 31.7 25.0 37.6



#46
 Dibromomethane
 Concen: 144.428 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX012015.D
 Acq: 02 Sep 2019 14:42

Tgt Ion: 93 Resp: 275919
 Ion Ratio Lower Upper
 93 100
 95 83.9 66.2 99.2
 174 139.3 110.2 165.4





#47

Bromodichloromethane

Concen: 147.297 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX012015.D

Acq: 02 Sep 2019 14:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

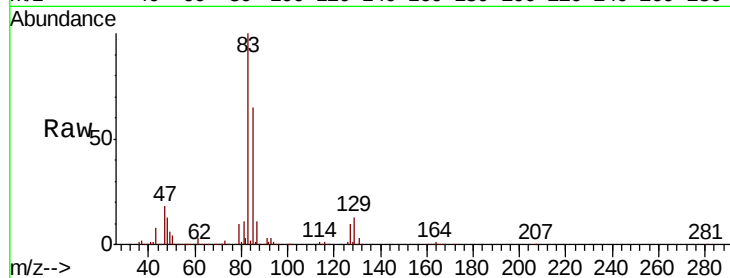
Tgt Ion: 83 Resp: 696651

Ion Ratio Lower Upper

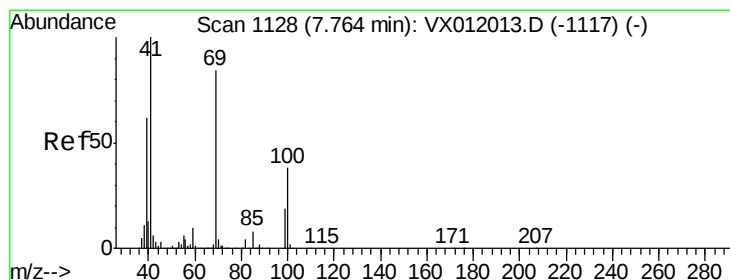
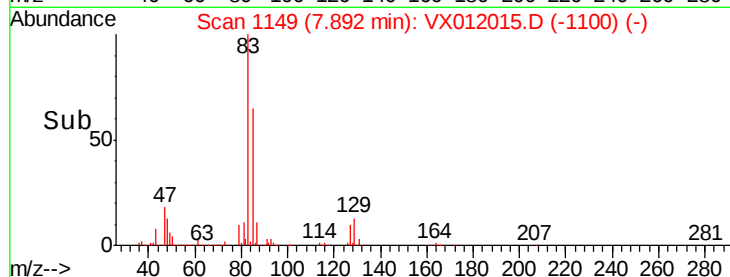
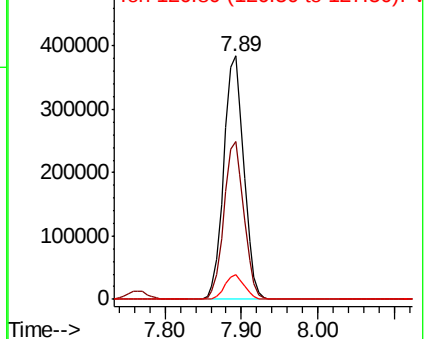
83 100

85 64.6 50.3 75.5

127 10.1 8.1 12.1



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: 138.828 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX012015.D

Acq: 02 Sep 2019 14:42

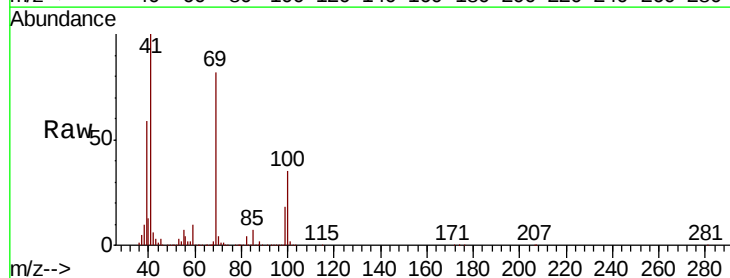
Tgt Ion: 41 Resp: 329640

Ion Ratio Lower Upper

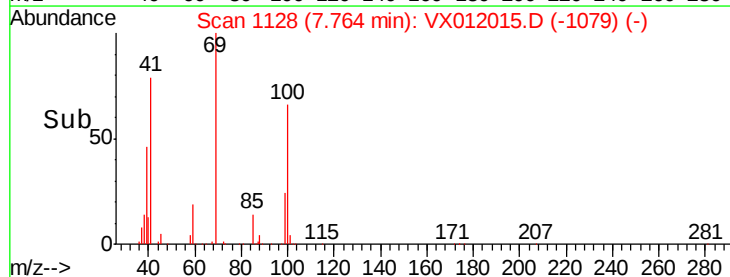
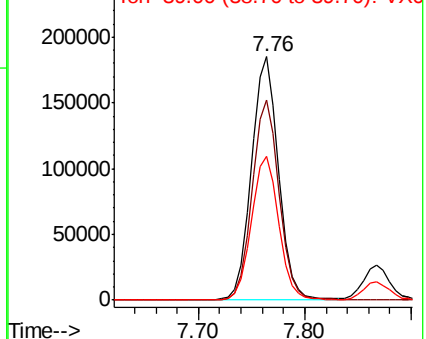
41 100

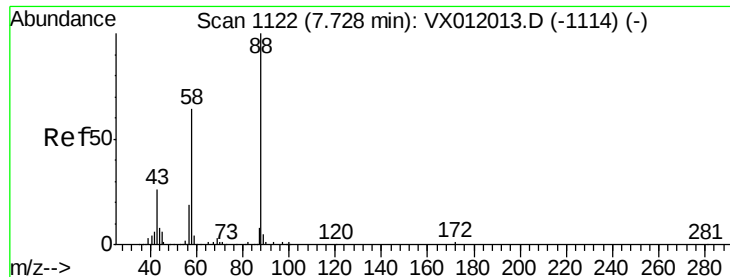
69 82.0 66.3 99.5

39 59.5 48.1 72.1



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

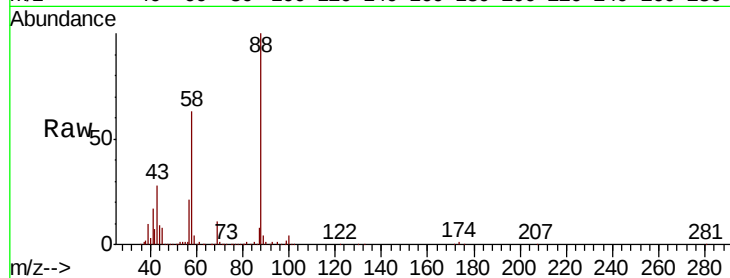




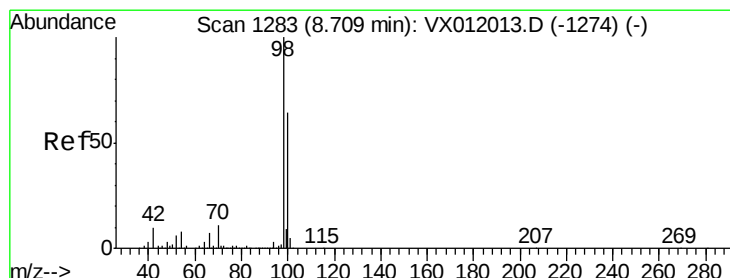
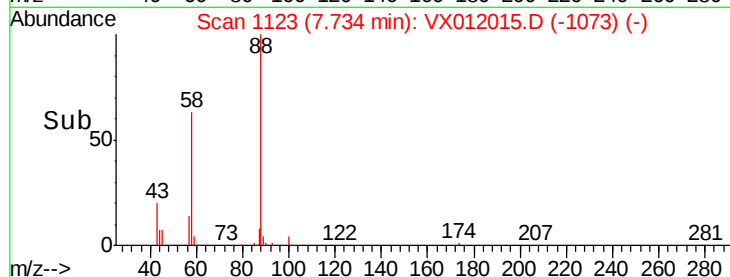
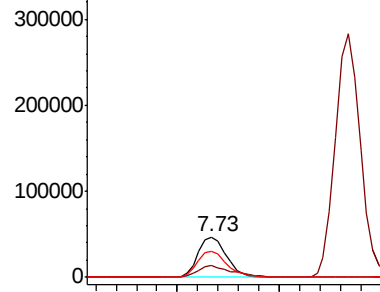
#49
 1,4-Dioxane
 Concen: 2796.818 ug/l
 RT: 7.73 min Scan# 1123
 Delta R.T. 0.01 min
 Lab File: VX012015.D
 Acq: 02 Sep 2019 14:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tgt Ion: 88 Resp: 90832
 Ion Ratio Lower Upper
 88 100
 43 34.9 29.8 44.6
 58 67.2 55.4 83.2

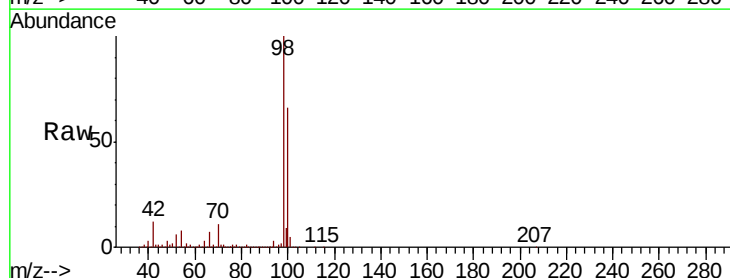


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

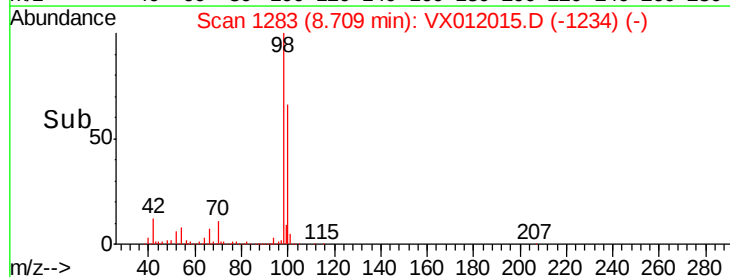
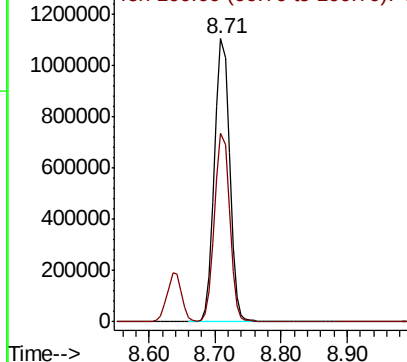


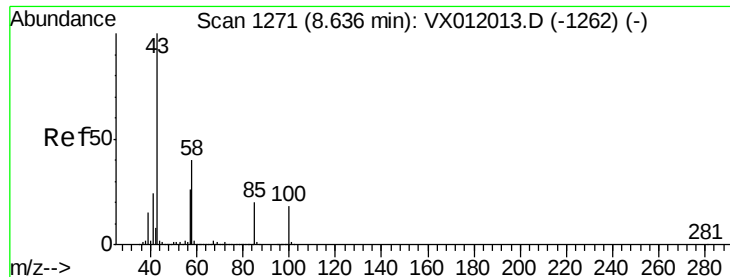
#50
 Toluene-d8
 Concen: 143.989 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: VX012015.D
 Acq: 02 Sep 2019 14:42

Tgt Ion: 98 Resp: 1750334
 Ion Ratio Lower Upper
 98 100
 100 66.7 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): V

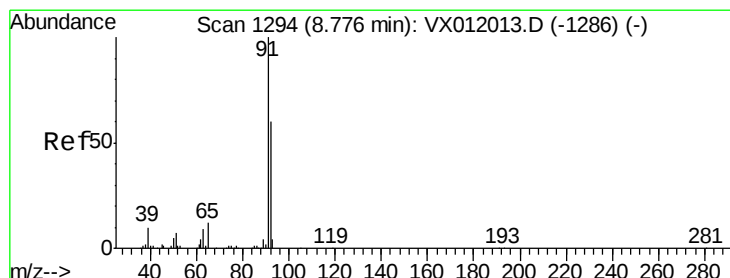
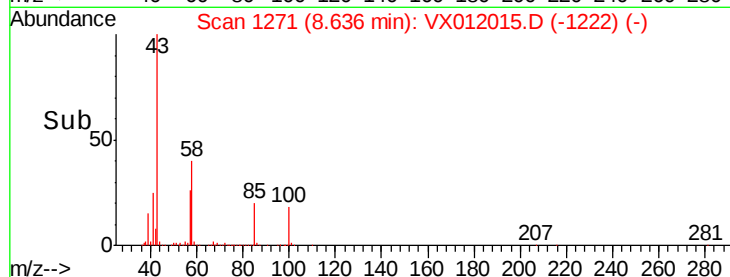
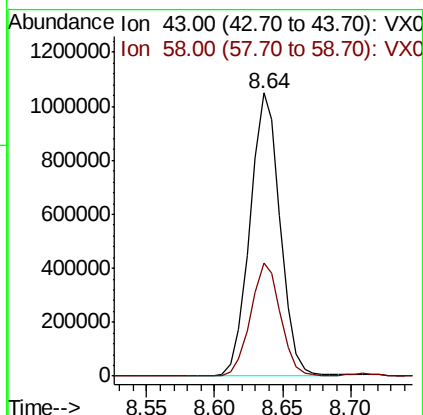
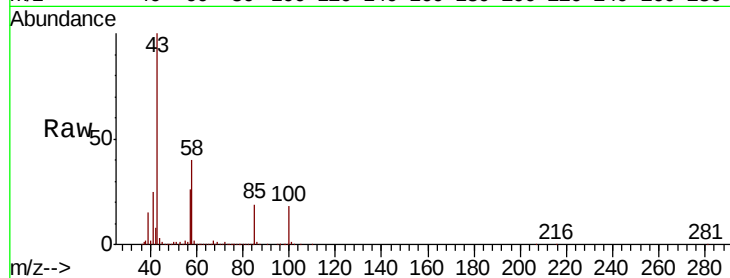




#51
 4-Methyl-2-Pentanone
 Concen: 660.615 ug/l
 RT: 8.64 min Scan# 1271
 Delta R.T. -0.00 min
 Lab File: VX012015.D
 Acq: 02 Sep 2019 14:42

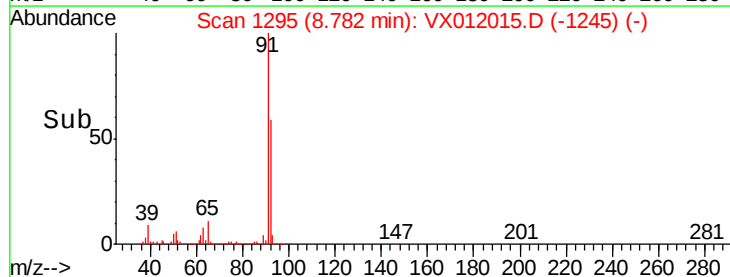
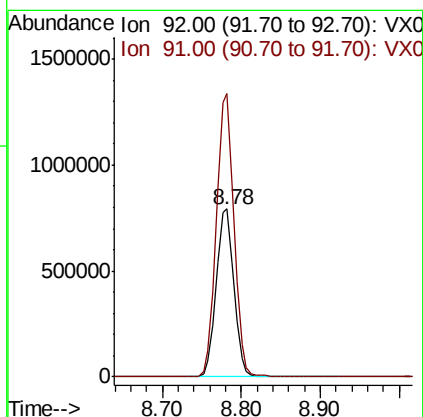
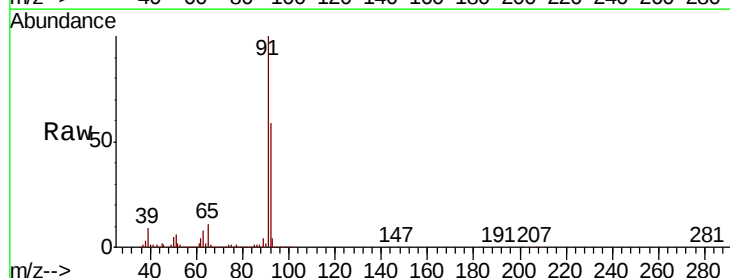
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

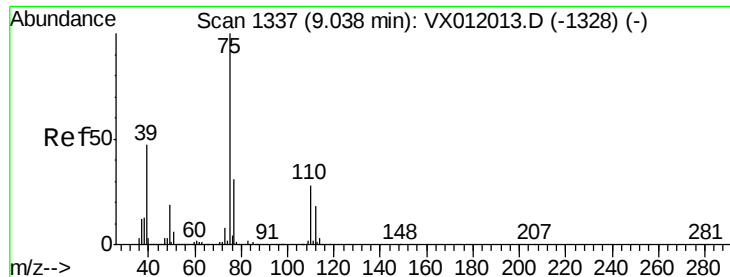
Tgt Ion: 43 Resp: 1634662
 Ion Ratio Lower Upper
 43 100
 58 39.5 31.5 47.3



#52
 Toluene
 Concen: 151.290 ug/l
 RT: 8.78 min Scan# 1295
 Delta R.T. 0.01 min
 Lab File: VX012015.D
 Acq: 02 Sep 2019 14:42

Tgt Ion: 92 Resp: 1238418
 Ion Ratio Lower Upper
 92 100
 91 168.3 136.0 204.0





#53

t-1,3-Dichloropropene

Concen: 147.029 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. -0.00 min

Lab File: VX012015.D

Acq: 02 Sep 2019 14:42

Instrument :

MSVOA_X

ClientSampleId :

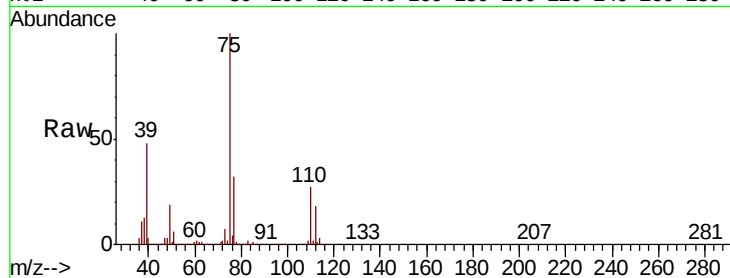
VSTDIC150

Tgt Ion: 75 Resp: 712079

Ion Ratio Lower Upper

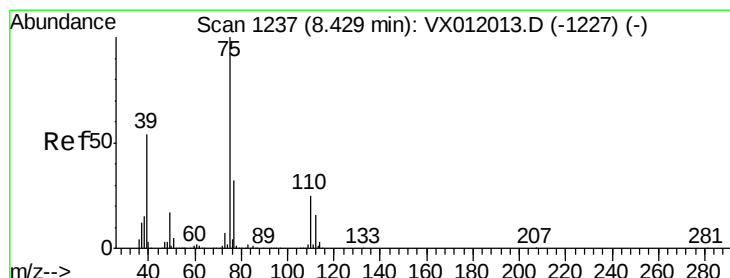
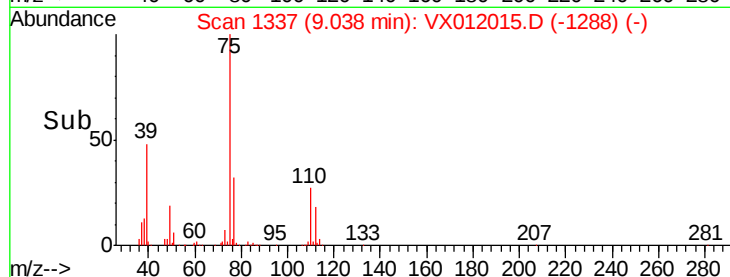
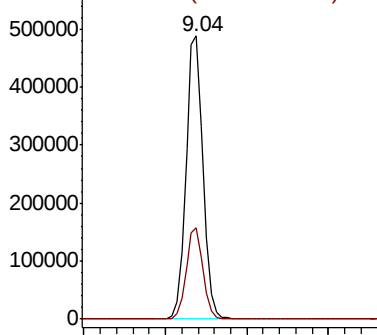
75 100

77 32.1 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 146.175 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX012015.D

Acq: 02 Sep 2019 14:42

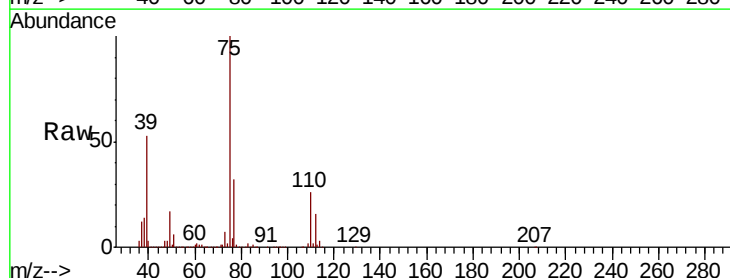
Tgt Ion: 75 Resp: 794581

Ion Ratio Lower Upper

75 100

77 31.9 25.5 38.3

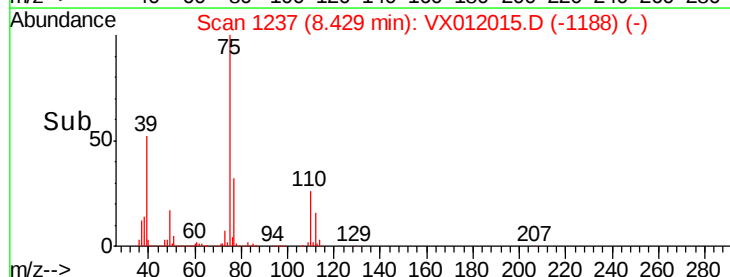
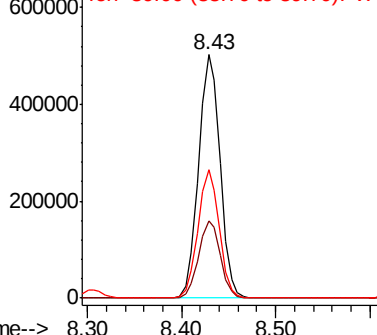
39 52.4 43.0 64.4

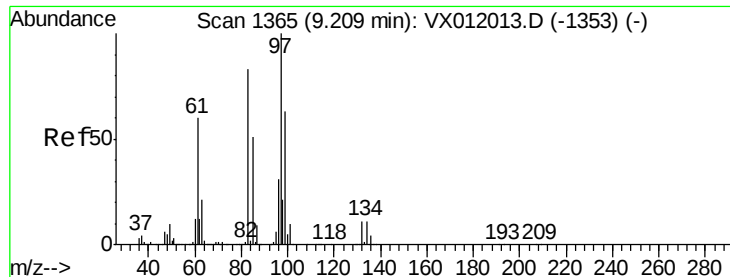


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

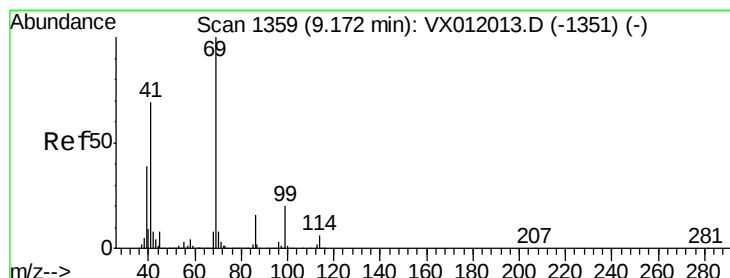
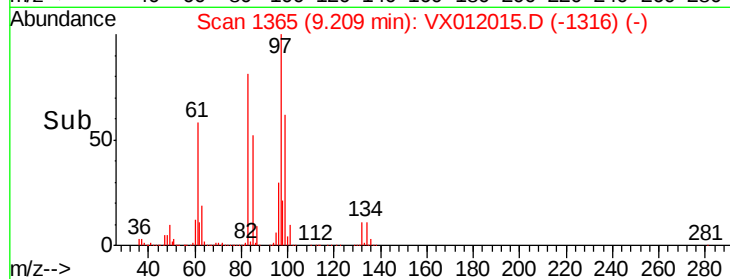
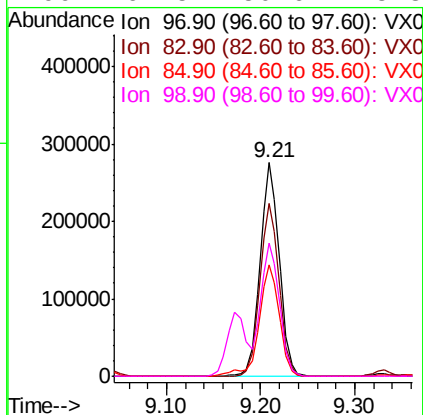
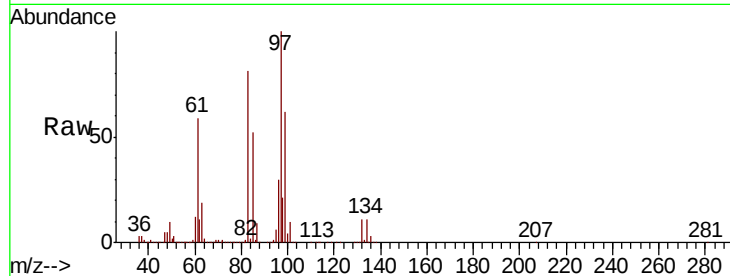




#55
 1,1,2-Trichloroethane
 Concen: 141.750 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX012015.D
 Acq: 02 Sep 2019 14:42

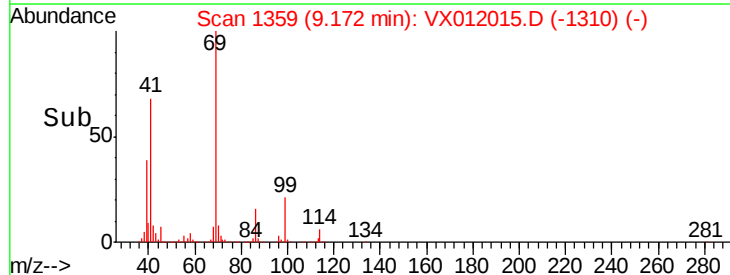
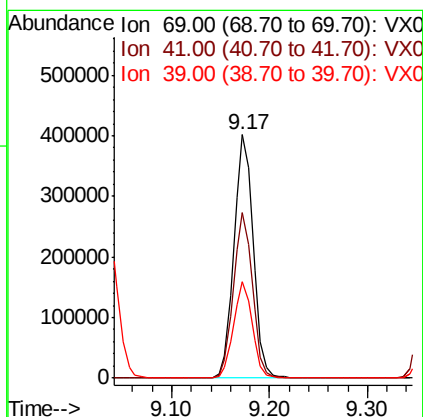
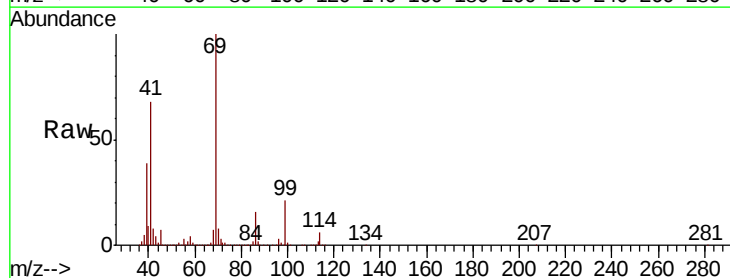
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

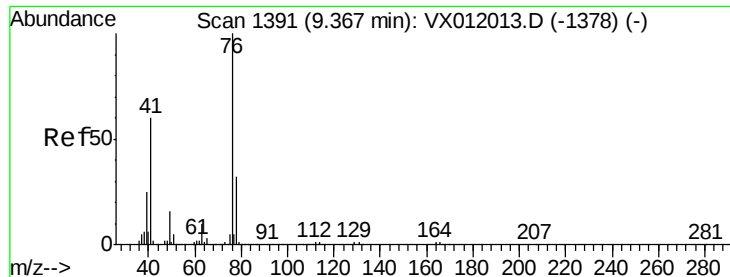
Tgt Ion:	97	Resp:	396196
Ion	Ratio	Lower	Upper
97	100		
83	81.0	66.0	99.0
85	52.2	41.0	61.6
99	62.5	50.6	75.8



#56
 Ethyl methacrylate
 Concen: 142.347 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX012015.D
 Acq: 02 Sep 2019 14:42

Tgt Ion:	69	Resp:	548267
Ion	Ratio	Lower	Upper
69	100		
41	67.3	53.9	80.9
39	38.6	31.1	46.7





#57

1,3-Dichloropropane

Concen: 140.011 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX012015.D

Acq: 02 Sep 2019 14:42

Instrument :

MSVOA_X

ClientSampleId :

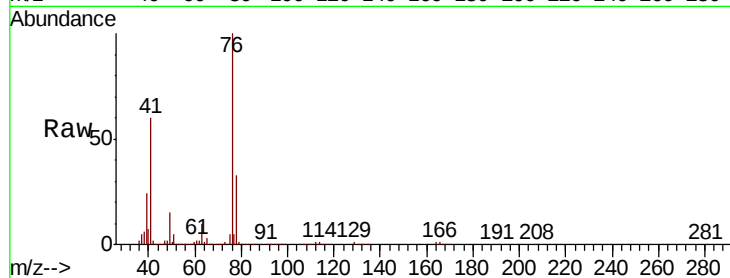
VSTDIC150

Tgt Ion: 76 Resp: 648223

Ion Ratio Lower Upper

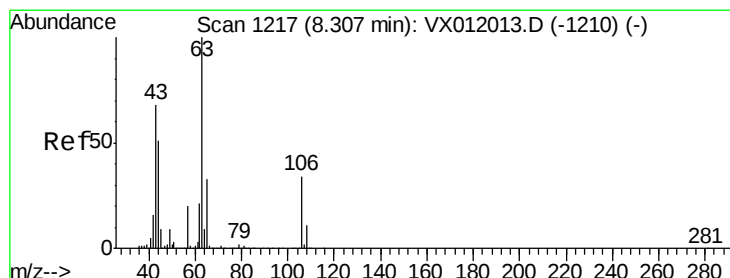
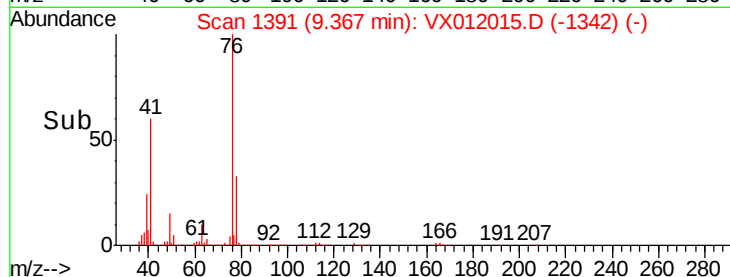
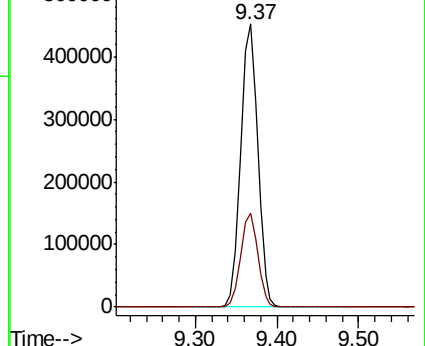
76 100

78 32.9 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 645.946 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX012015.D

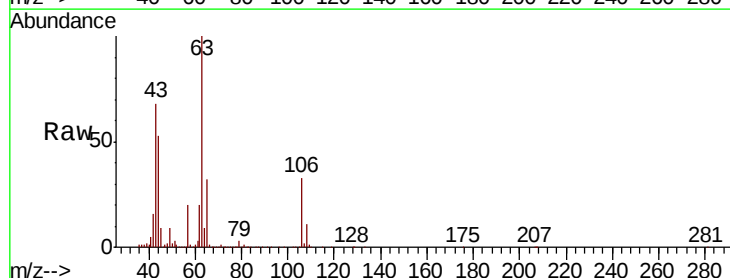
Acq: 02 Sep 2019 14:42

Tgt Ion: 63 Resp: 1166320

Ion Ratio Lower Upper

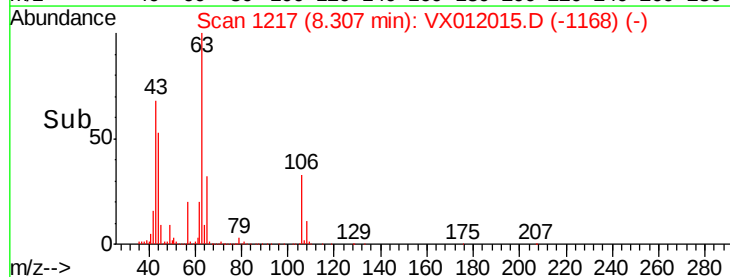
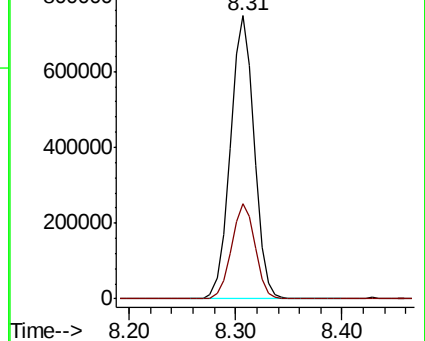
63 100

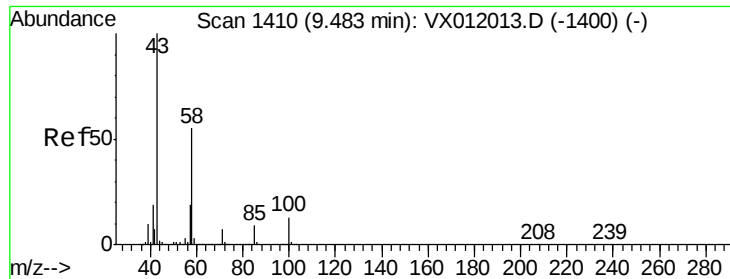
106 33.4 26.5 39.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

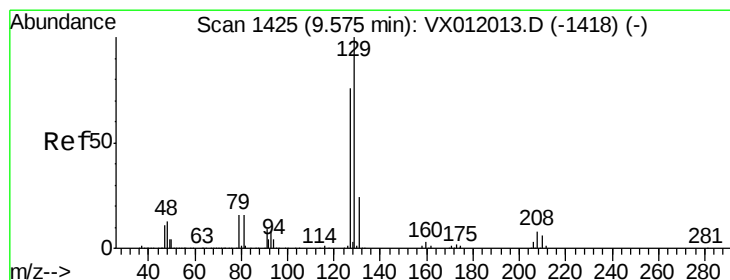
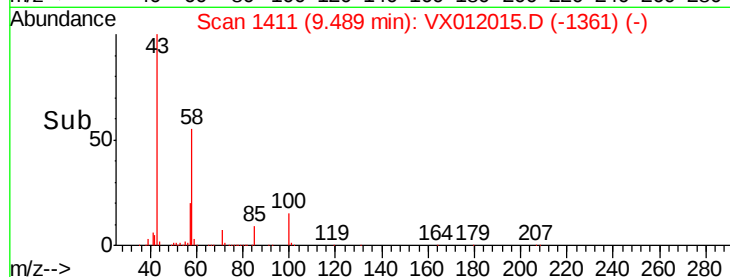
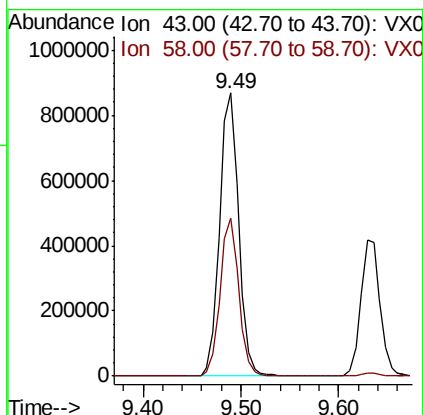
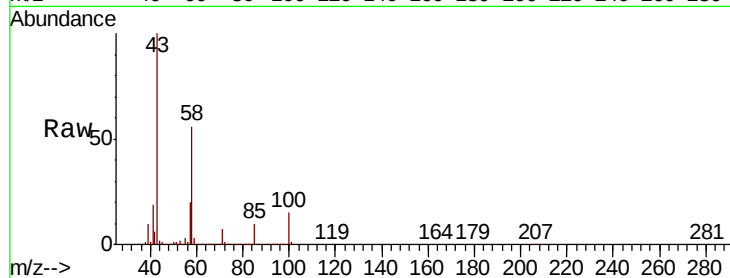




#59
2-Hexanone
Concen: 665.777 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX012015.D
Acq: 02 Sep 2019 14:42

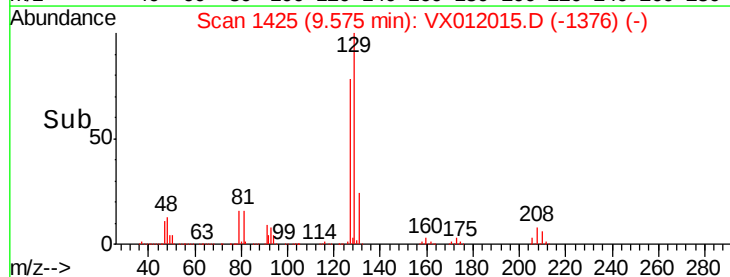
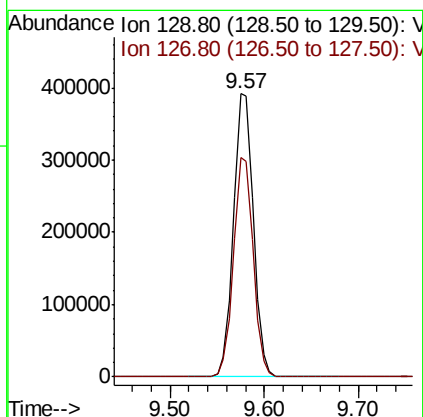
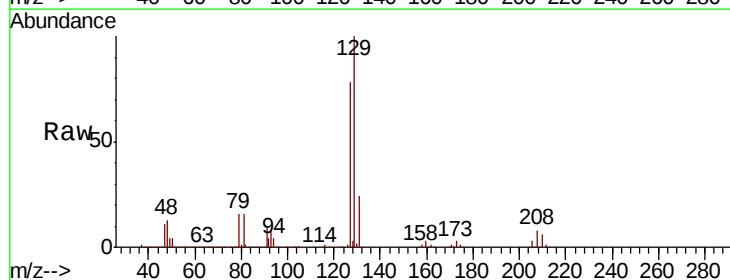
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

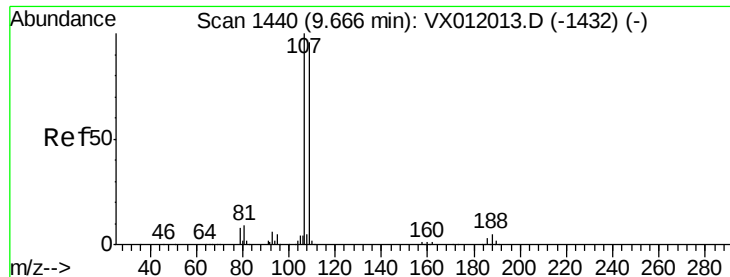
Tgt Ion: 43 Resp: 1171106
Ion Ratio Lower Upper
43 100
58 54.7 27.2 81.6



#60
Dibromochloromethane
Concen: 152.291 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX012015.D
Acq: 02 Sep 2019 14:42

Tgt Ion: 129 Resp: 573131
Ion Ratio Lower Upper
129 100
127 76.7 38.1 114.5





#61

1,2-Dibromoethane

Concen: 147.049 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX012015.D

Acq: 02 Sep 2019 14:42

Instrument :

MSVOA_X

ClientSampleId :

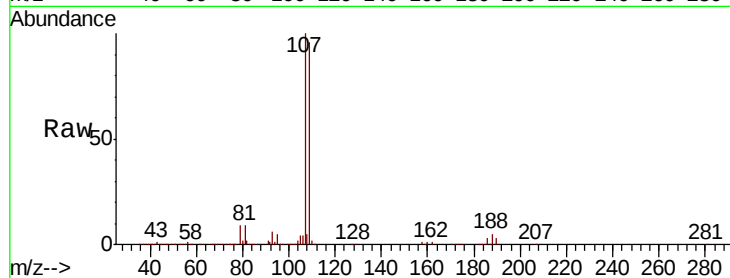
VSTDIC150

Tgt Ion: 107 Resp: 407532

Ion Ratio Lower Upper

107 100

109 94.8 76.9 115.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

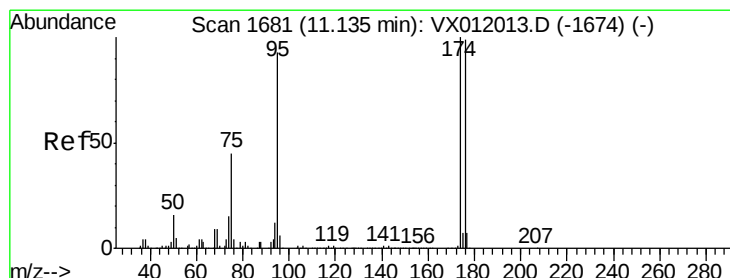
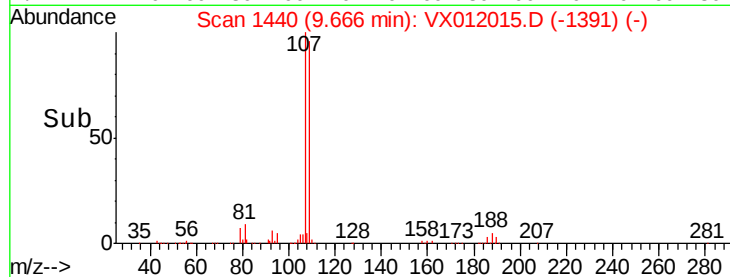
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 135.072 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012015.D

Acq: 02 Sep 2019 14:42

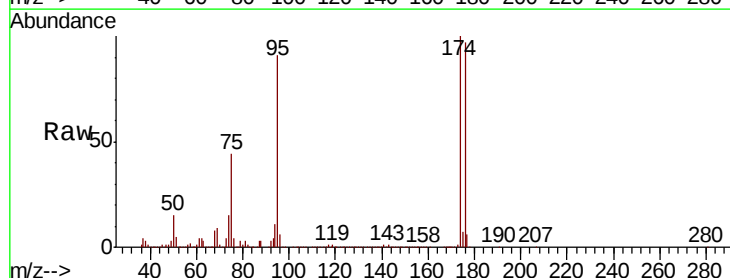
Tgt Ion: 95 Resp: 717783

Ion Ratio Lower Upper

95 100

174 104.9 0.0 205.4

176 102.1 0.0 201.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.14

800000

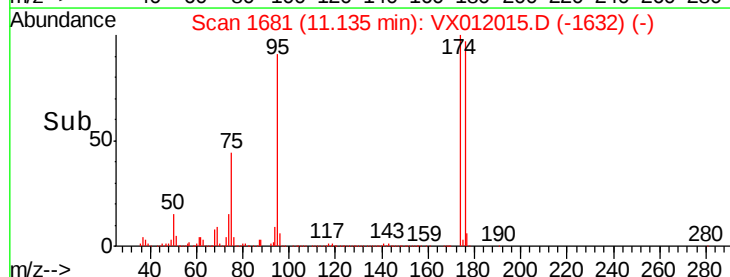
600000

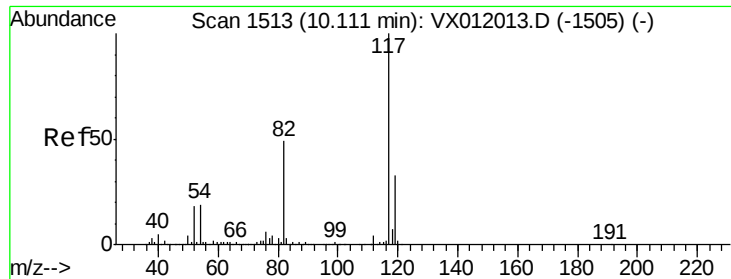
400000

200000

0

Time-->

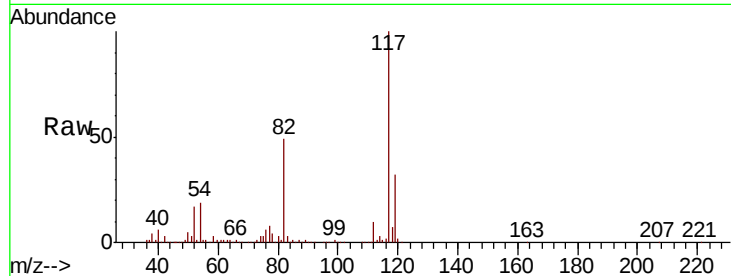




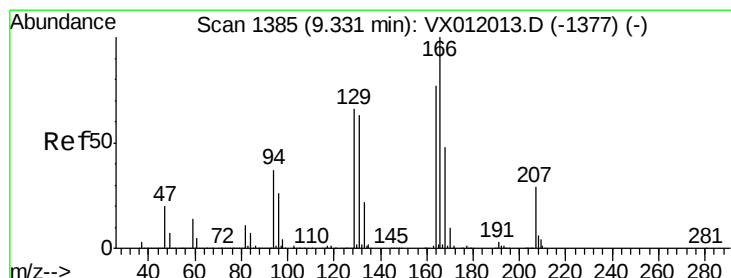
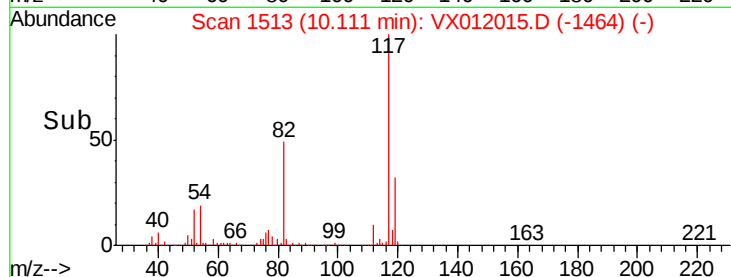
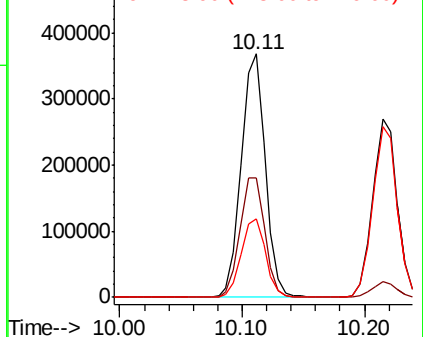
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012015.D
Acq: 02 Sep 2019 14:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:117 Resp: 501018
Ion Ratio Lower Upper
117 100
82 49.1 39.4 59.0
119 32.5 26.1 39.1

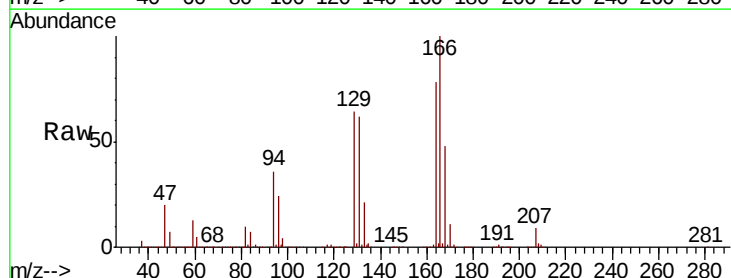


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

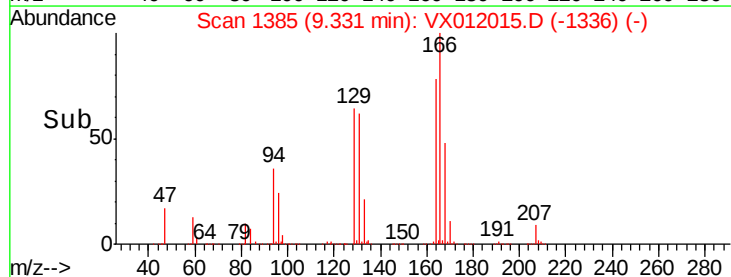
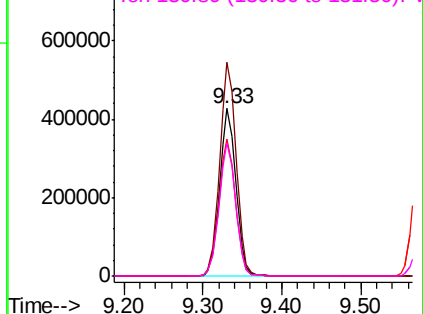


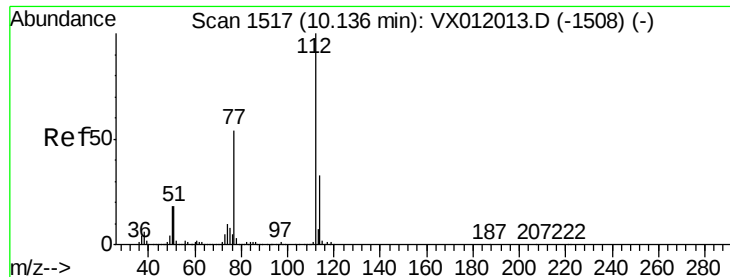
#64
Tetrachloroethene
Concen: 152.790 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012015.D
Acq: 02 Sep 2019 14:42

Tgt Ion:164 Resp: 618098
Ion Ratio Lower Upper
164 100
166 127.6 104.3 156.5
129 82.1 68.3 102.5
131 79.7 65.4 98.0



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 149.309 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX012015.D

Acq: 02 Sep 2019 14:42

Instrument :

MSVOA_X

ClientSampleId :

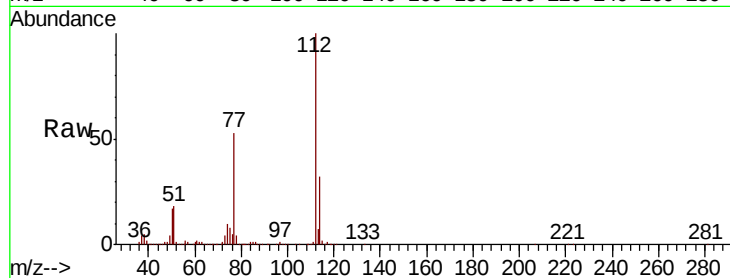
VSTDIC150

Tgt Ion:112 Resp: 1442432

Ion Ratio Lower Upper

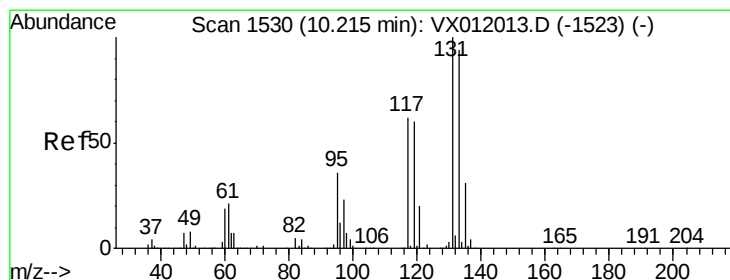
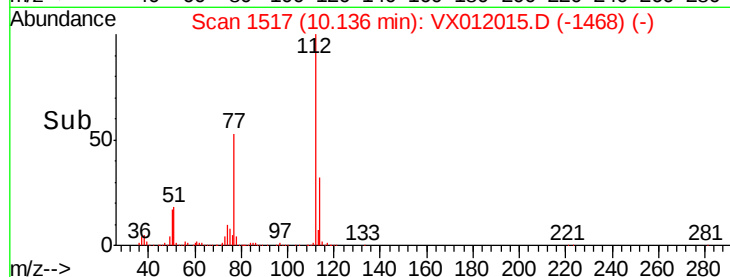
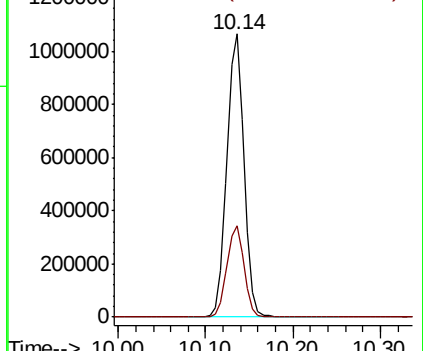
112 100

114 32.5 26.2 39.2



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 152.381 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX012015.D

Acq: 02 Sep 2019 14:42

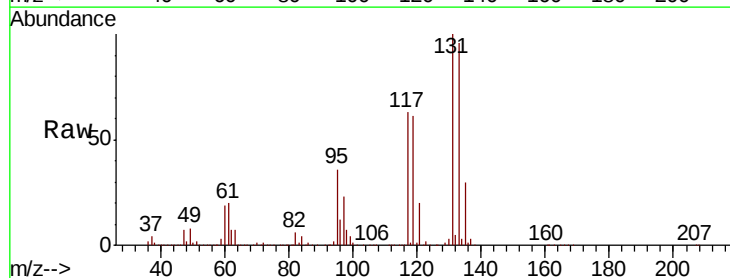
Tgt Ion:131 Resp: 594043

Ion Ratio Lower Upper

131 100

133 95.8 48.4 145.0

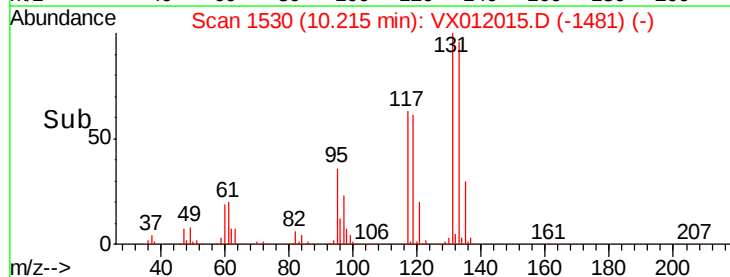
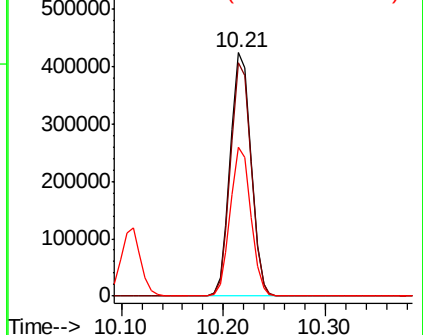
119 60.5 30.5 91.5

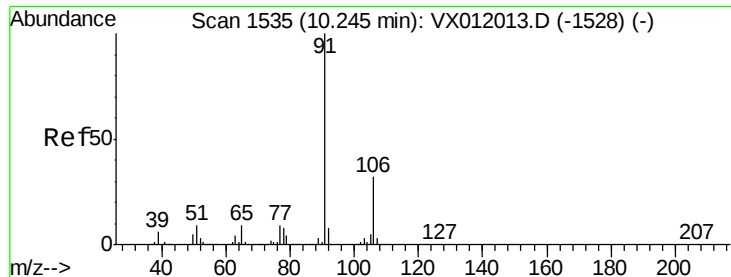


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 148.148 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX012015.D

Acq: 02 Sep 2019 14:42

Instrument :

MSVOA_X

ClientSampleId :

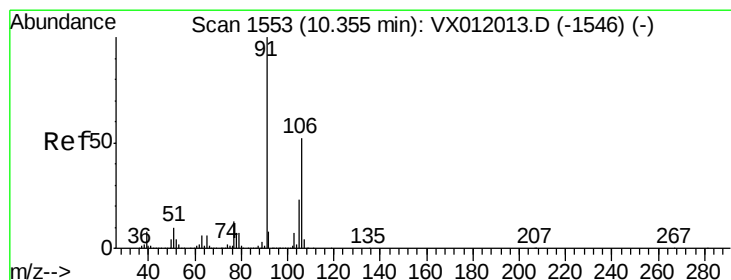
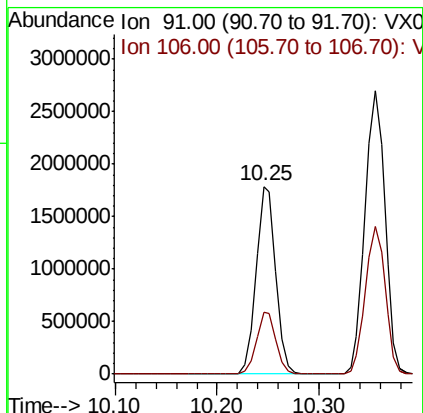
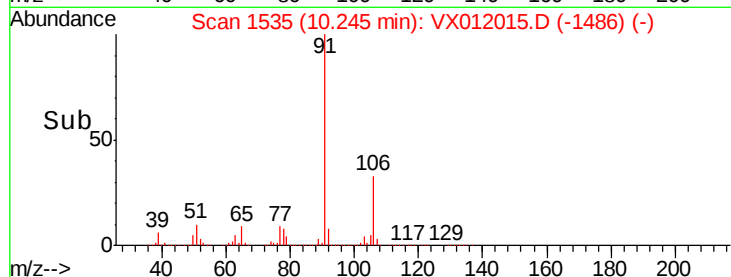
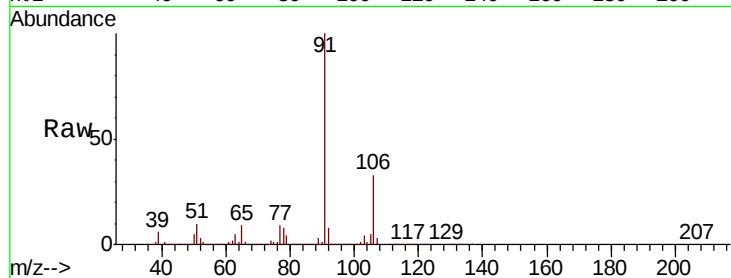
VSTDIC150

Tgt Ion: 91 Resp: 2431318

Ion Ratio Lower Upper

91 100

106 33.0 25.8 38.8



#68

m/p-Xylenes

Concen: 302.118 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX012015.D

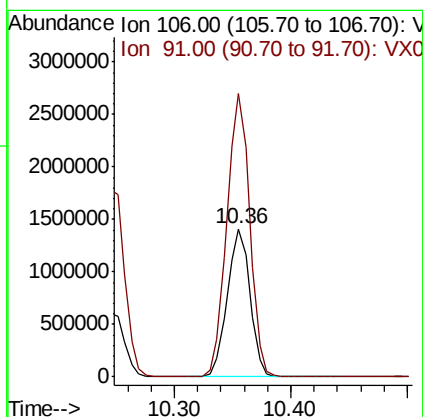
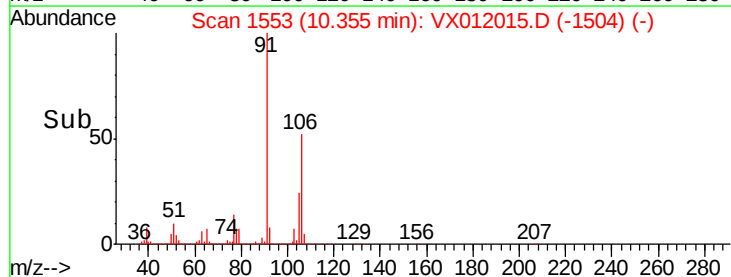
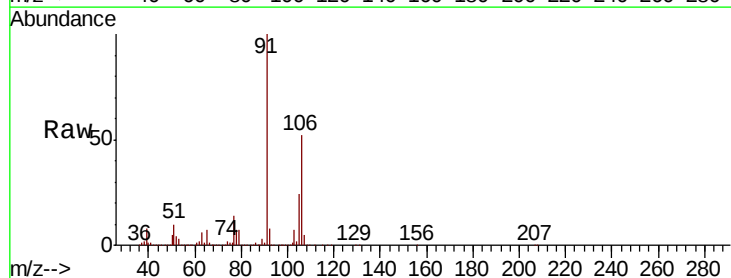
Acq: 02 Sep 2019 14:42

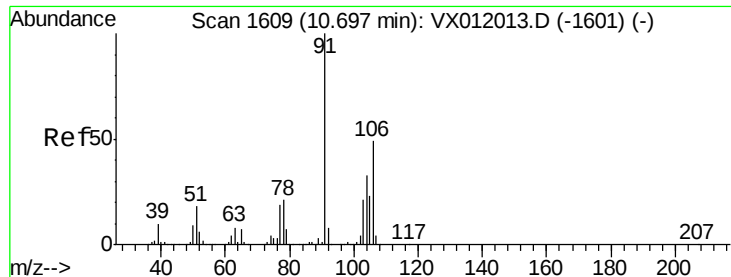
Tgt Ion: 106 Resp: 1917279

Ion Ratio Lower Upper

106 100

91 192.5 157.5 236.3

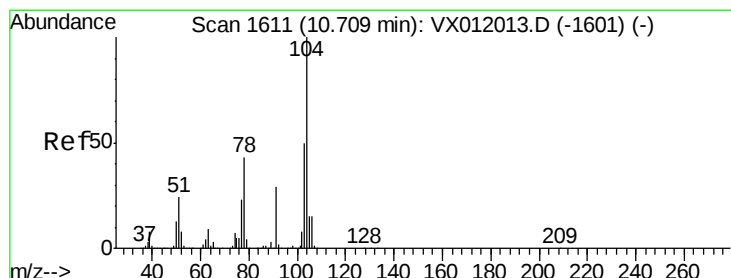
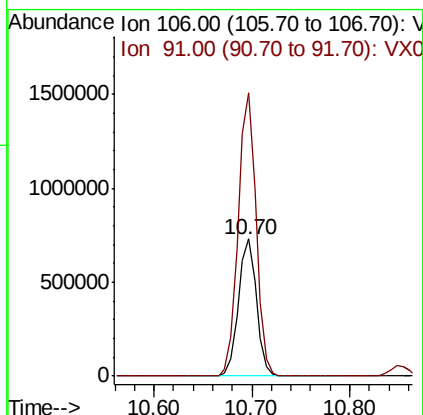
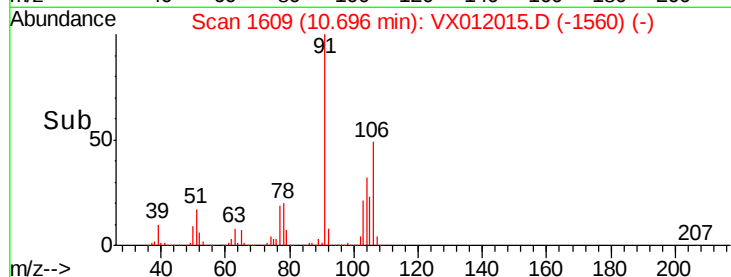
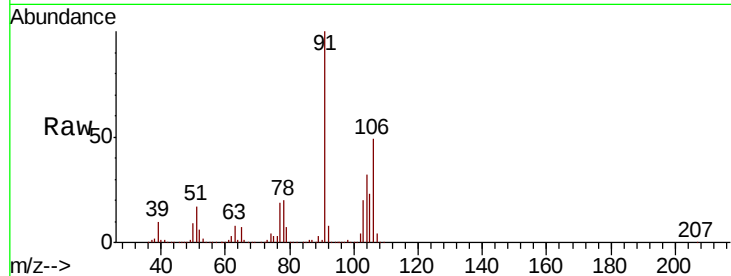




#69
o-Xylene
Concen: 151.088 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012015.D
Acq: 02 Sep 2019 14:42

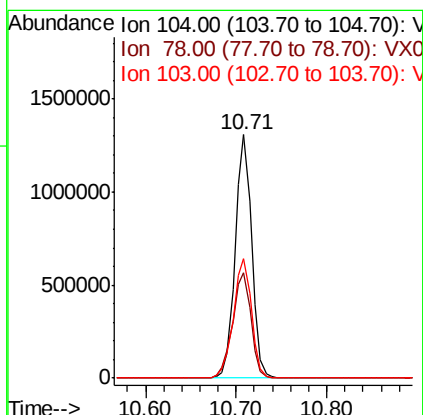
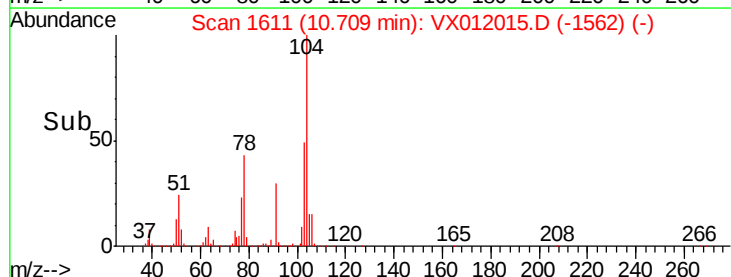
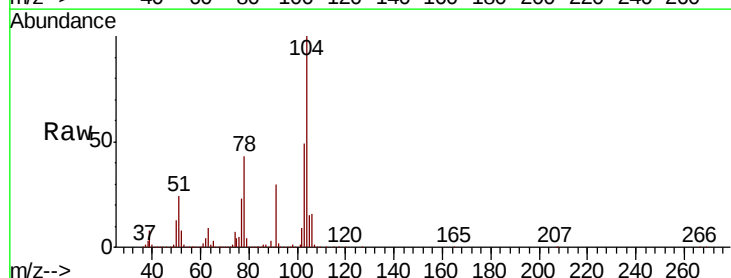
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

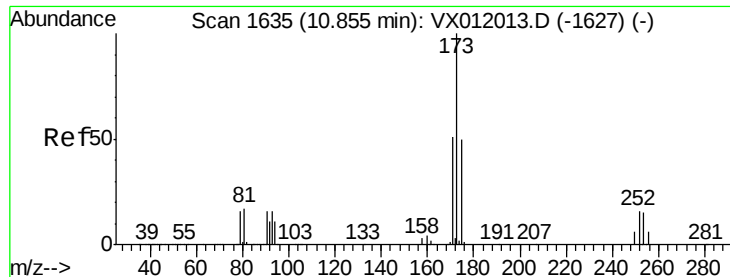
Tgt Ion:106 Resp: 933024
Ion Ratio Lower Upper
106 100
91 205.3 103.5 310.3



#70
Styrene
Concen: 151.188 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012015.D
Acq: 02 Sep 2019 14:42

Tgt Ion:104 Resp: 1638623
Ion Ratio Lower Upper
104 100
78 48.5 39.1 58.7
103 53.9 43.4 65.2

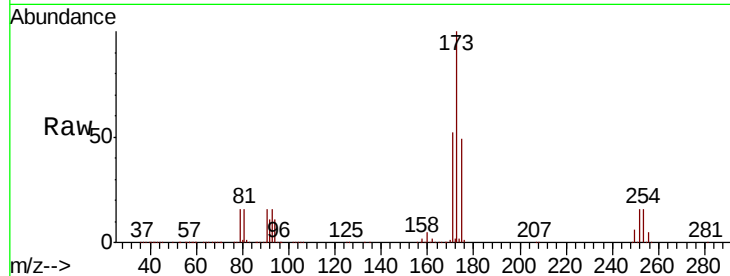




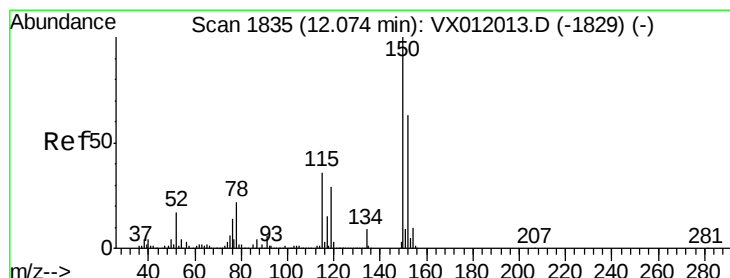
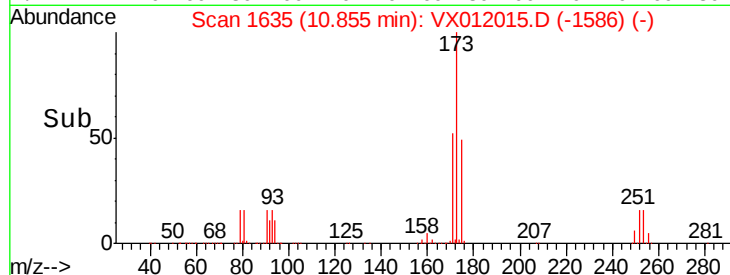
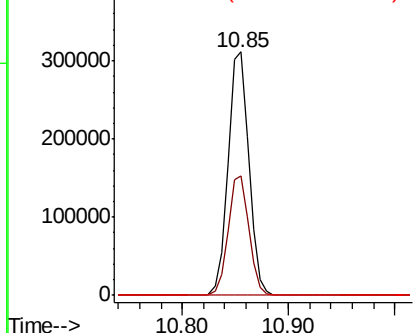
#71
Bromoform
Concen: 155.045 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX012015.D
Acq: 02 Sep 2019 14:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:173 Resp: 427270
Ion Ratio Lower Upper
173 100
175 49.1 24.9 74.7
254 0.2 0.1 0.1#

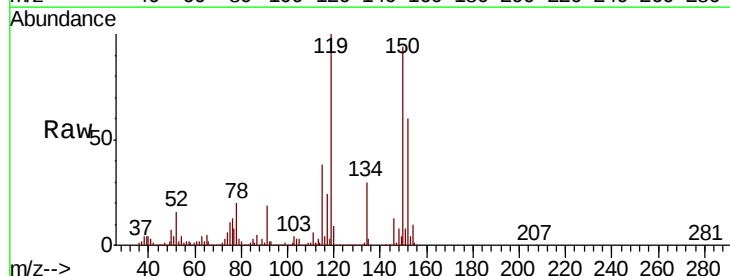


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

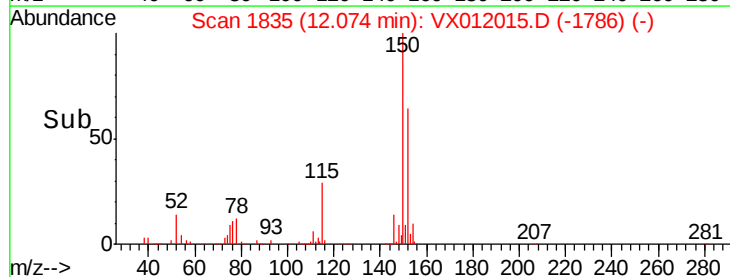
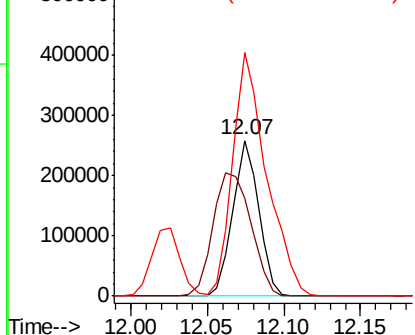


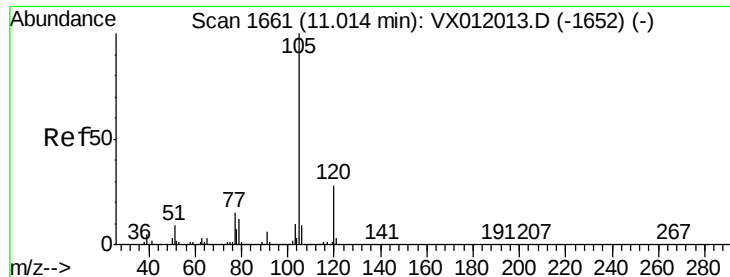
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012015.D
Acq: 02 Sep 2019 14:42

Tgt Ion:152 Resp: 305033
Ion Ratio Lower Upper
152 100
115 115.3 36.4 109.3#
150 204.3 0.0 341.2



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: 144.184 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX012015.D

Acq: 02 Sep 2019 14:42

Instrument :

MSVOA_X

ClientSampleId :

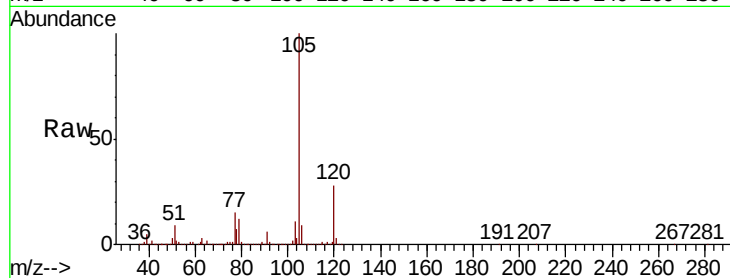
VSTDIC150

Tgt Ion:105 Resp: 2523283

Ion Ratio Lower Upper

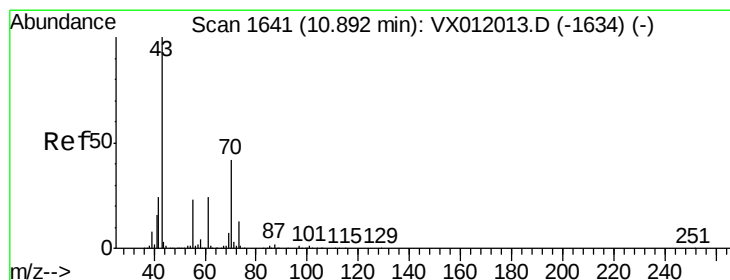
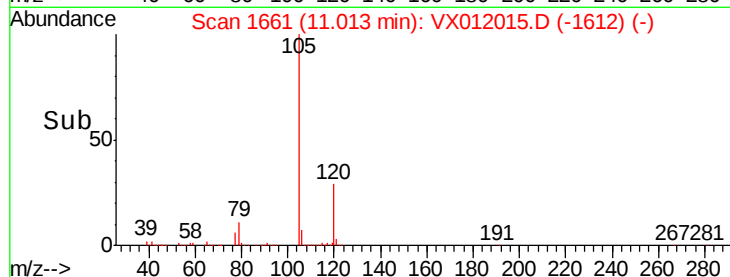
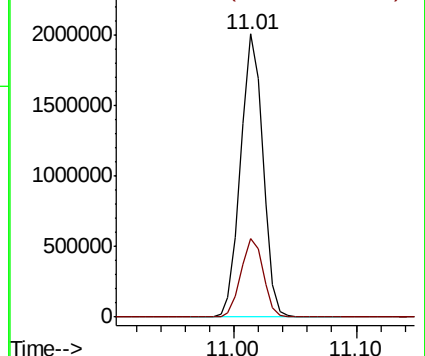
105 100

120 28.1 13.9 41.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 130.285 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX012015.D

Acq: 02 Sep 2019 14:42

Tgt Ion: 43 Resp: 661340

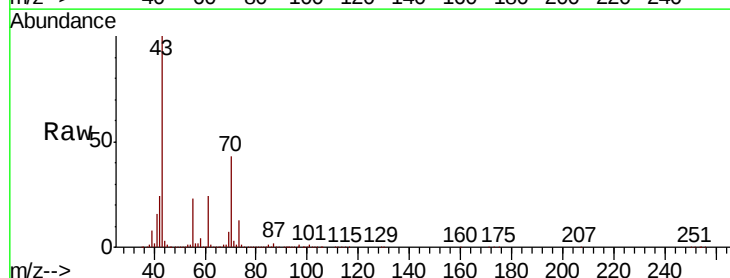
Ion Ratio Lower Upper

43 100

70 43.3 34.4 51.6

55 23.1 18.5 27.7

61 24.4 19.5 29.3

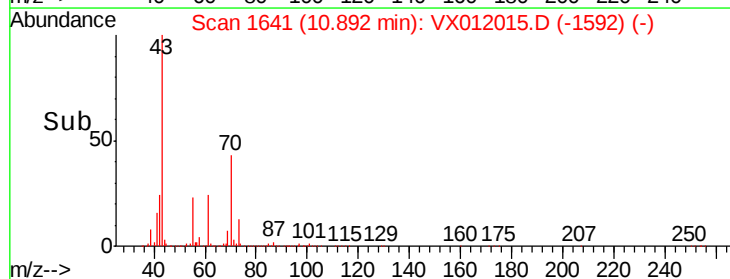
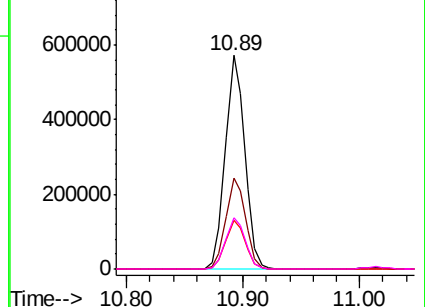


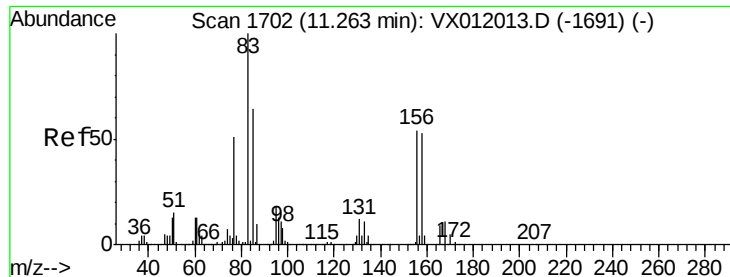
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 133.267 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX012015.D

Acq: 02 Sep 2019 14:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

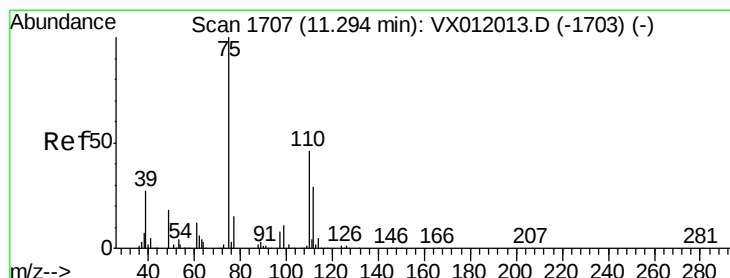
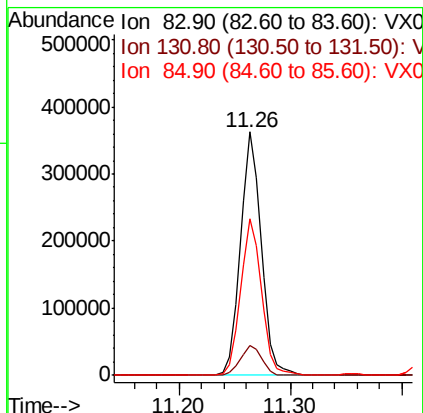
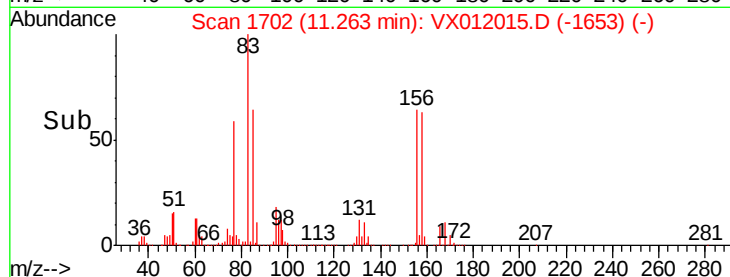
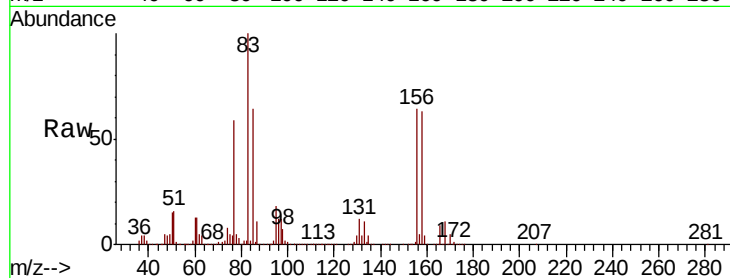
Tgt Ion: 83 Resp: 469129

Ion Ratio Lower Upper

83 100

131 12.9 6.3 19.1

85 64.6 32.5 97.4



#76

1,2,3-Trichloropropane

Concen: 177.172 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX012015.D

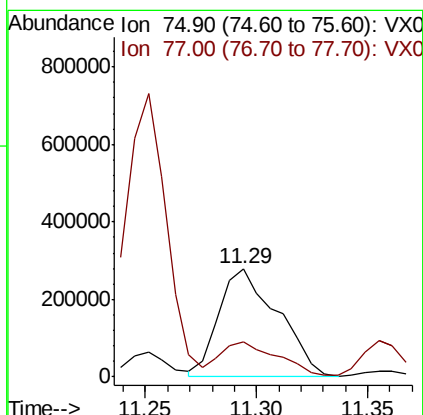
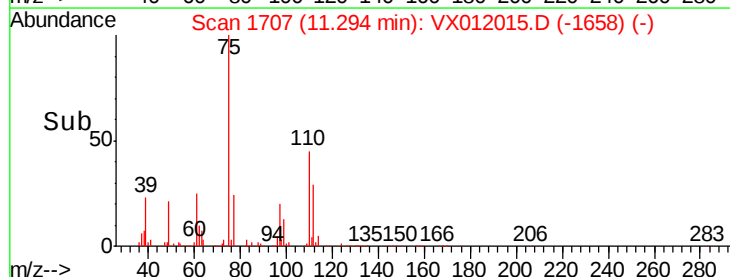
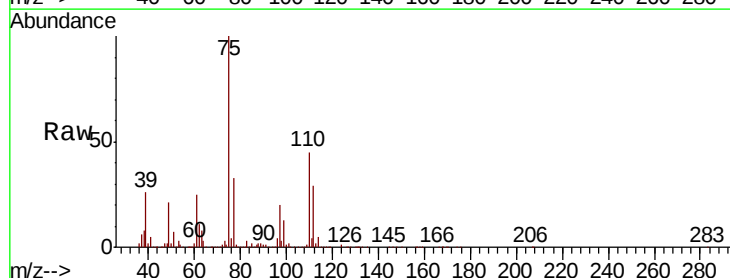
Acq: 02 Sep 2019 14:42

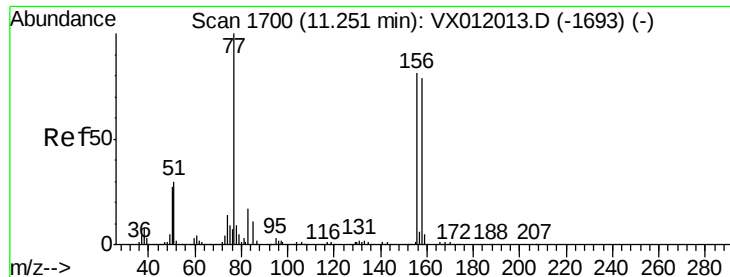
Tgt Ion: 75 Resp: 511597

Ion Ratio Lower Upper

75 100

77 31.8 23.5 70.5





#77

Bromobenzene

Concen: 149.113 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX012015.D

Acq: 02 Sep 2019 14:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

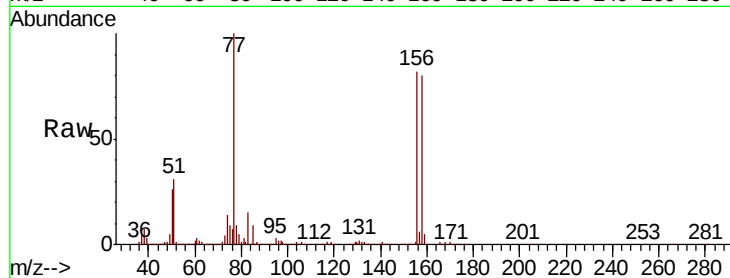
Tgt Ion: 156 Resp: 757076

Ion Ratio Lower Upper

156 100

77 124.2 63.4 190.2

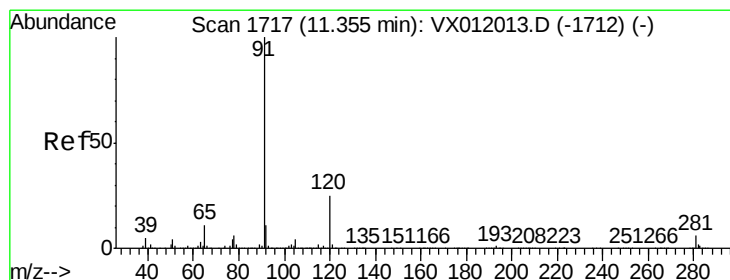
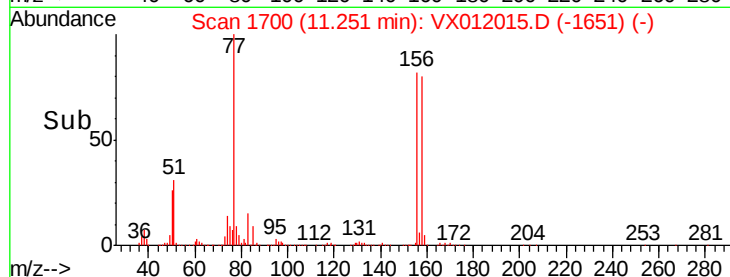
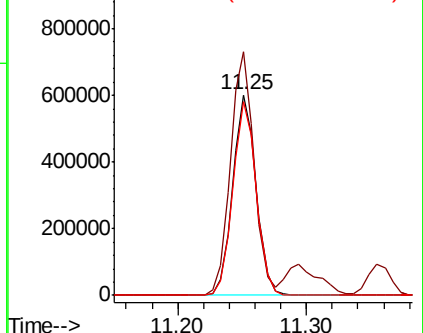
158 97.7 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 142.999 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX012015.D

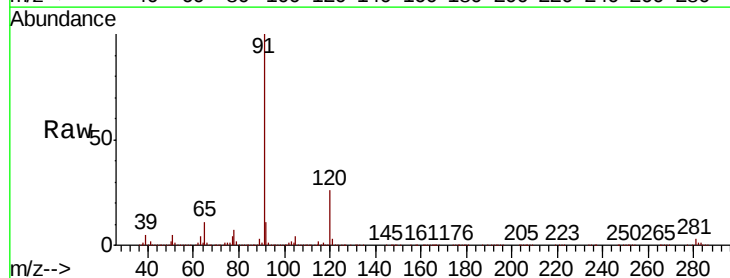
Acq: 02 Sep 2019 14:42

Tgt Ion: 91 Resp: 2827714

Ion Ratio Lower Upper

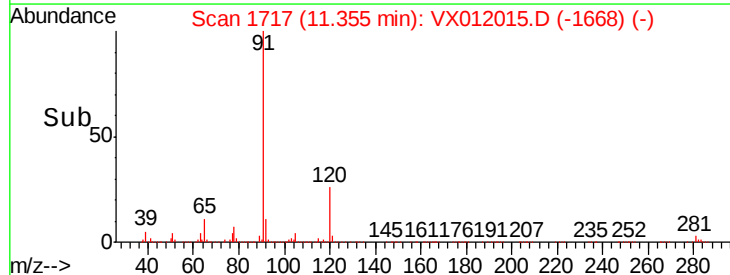
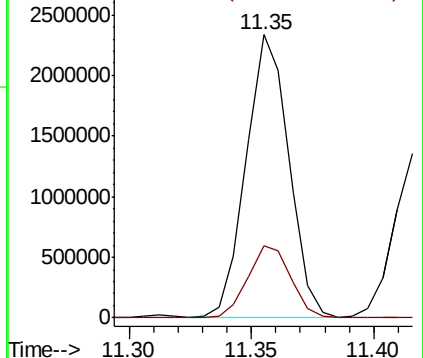
91 100

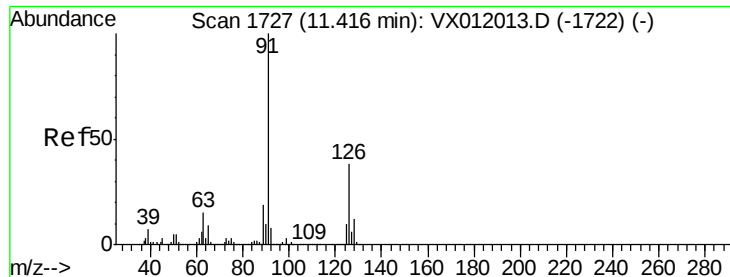
120 25.9 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 142.746 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX012015.D

Acq: 02 Sep 2019 14:42

Instrument :

MSVOA_X

ClientSampleId :

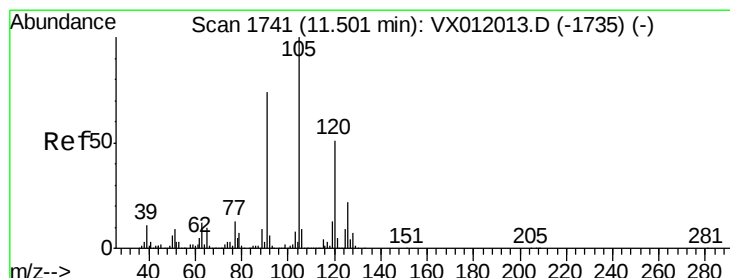
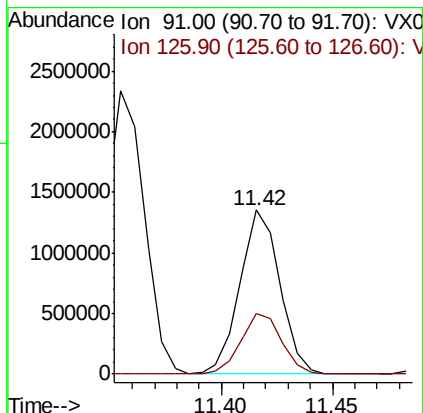
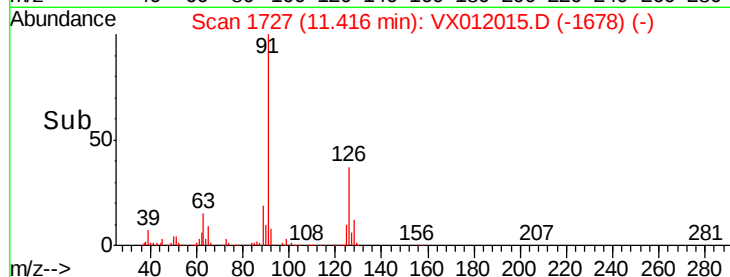
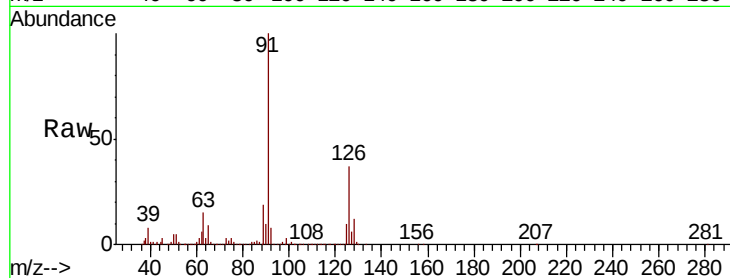
VSTDIC150

Tgt Ion: 91 Resp: 1694494

Ion Ratio Lower Upper

91 100

126 37.6 18.6 55.8



#80

1,3,5-Trimethylbenzene

Concen: 146.424 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX012015.D

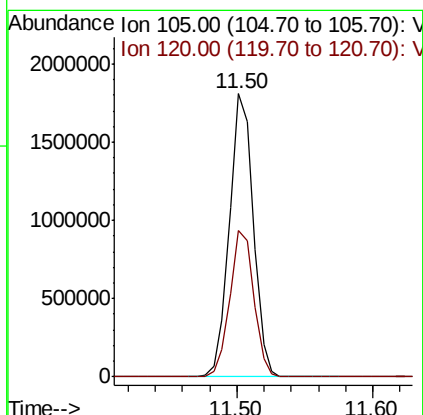
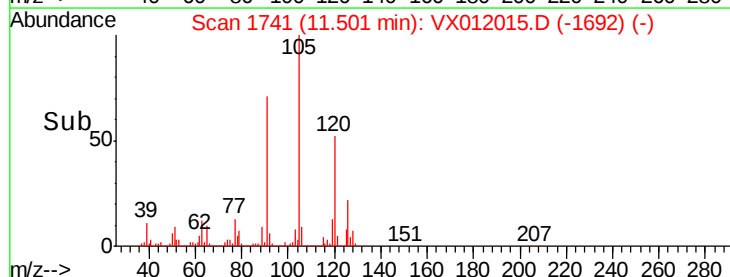
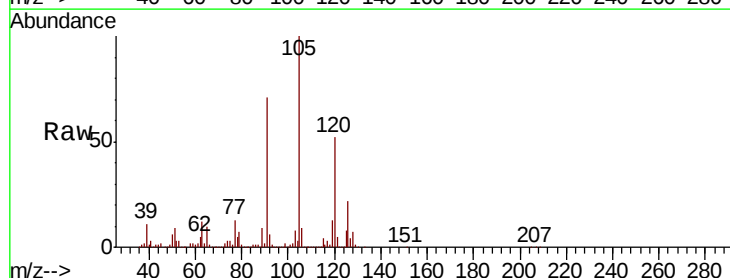
Acq: 02 Sep 2019 14:42

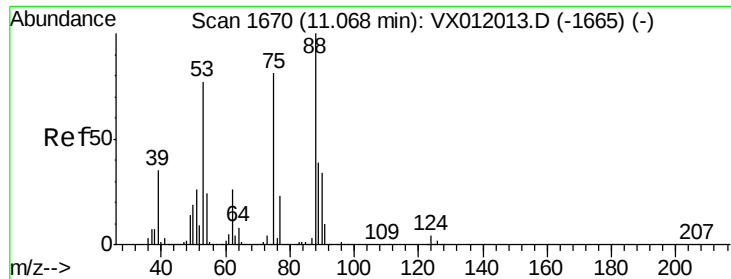
Tgt Ion: 105 Resp: 2202137

Ion Ratio Lower Upper

105 100

120 52.1 25.8 77.3





#81

trans-1,4-Dichloro-2-butene

Concen: 134.618 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX012015.D

Acq: 02 Sep 2019 14:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

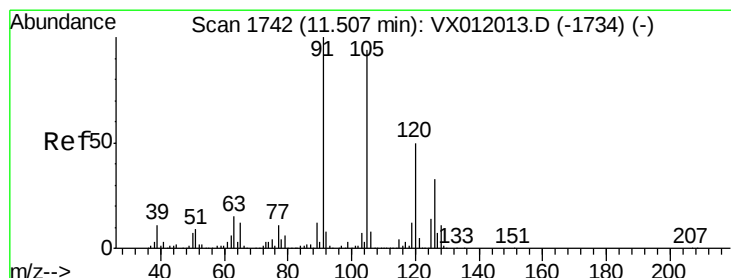
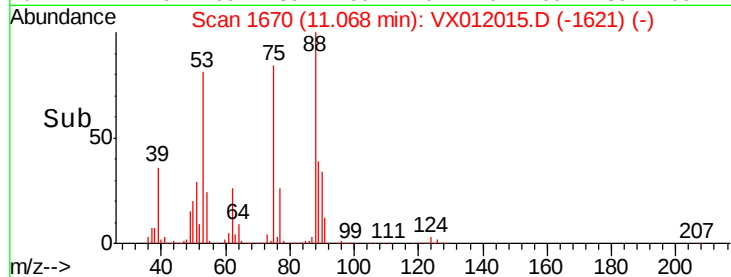
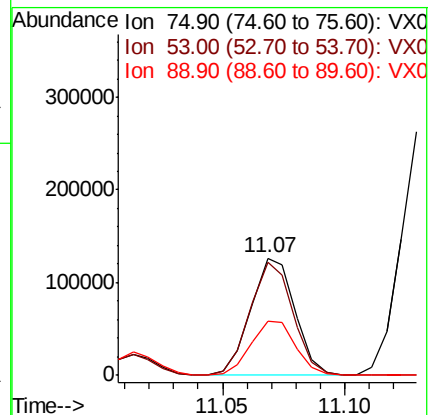
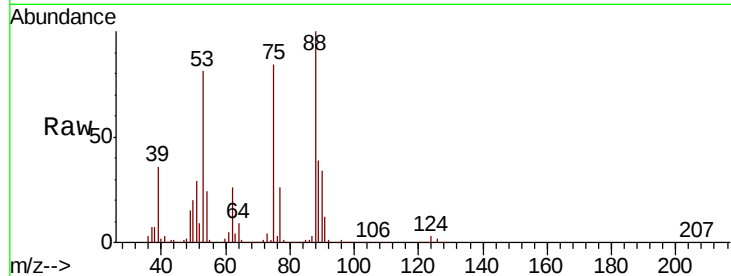
Tgt Ion: 75 Resp: 157868

Ion Ratio Lower Upper

75 100

53 95.2 78.6 117.8

89 47.9 38.8 58.2



#82

4-Chlorotoluene

Concen: 140.758 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX012015.D

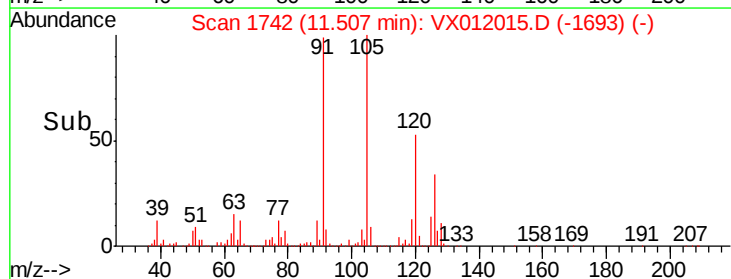
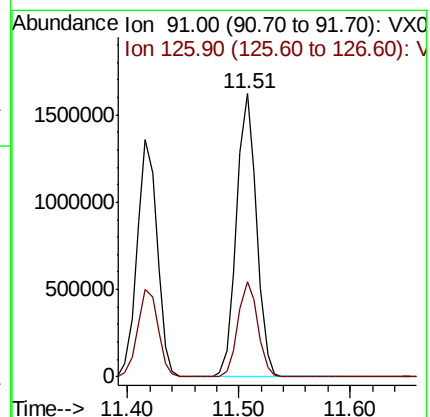
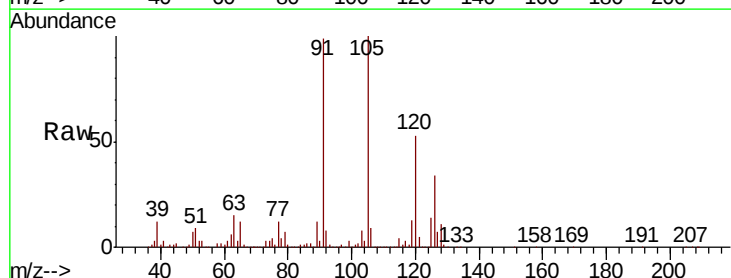
Acq: 02 Sep 2019 14:42

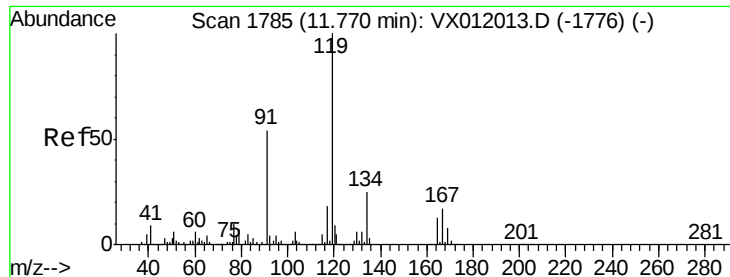
Tgt Ion: 91 Resp: 2013536

Ion Ratio Lower Upper

91 100

126 33.5 16.2 48.6

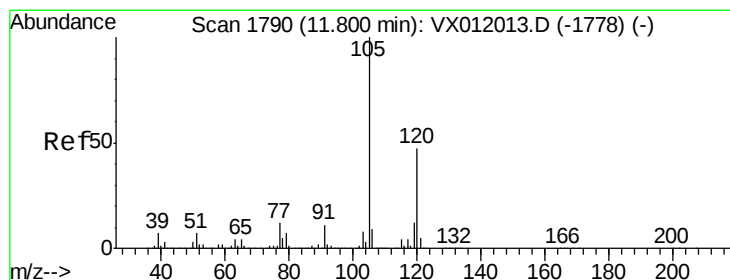
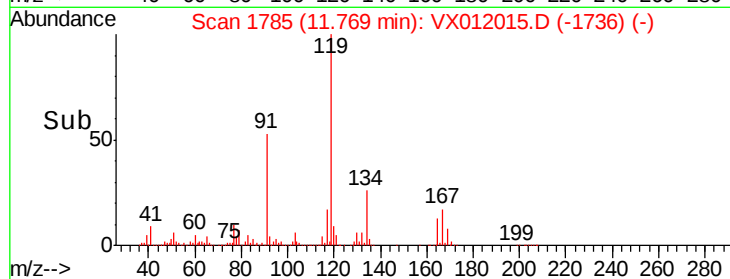
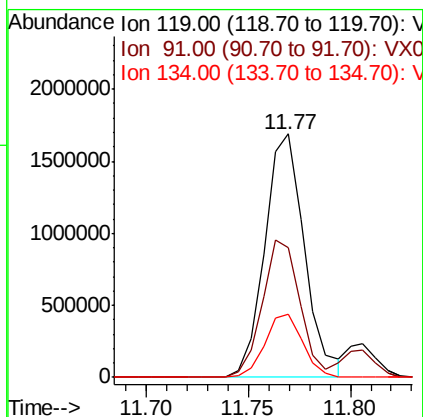
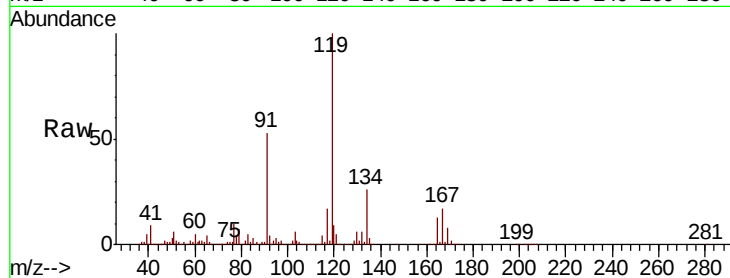




#83
 tert-Butylbenzene
 Concen: 149.473 ug/l
 RT: 11.77 min Scan# 1785
 Delta R.T. -0.00 min
 Lab File: VX012015.D
 Acq: 02 Sep 2019 14:42

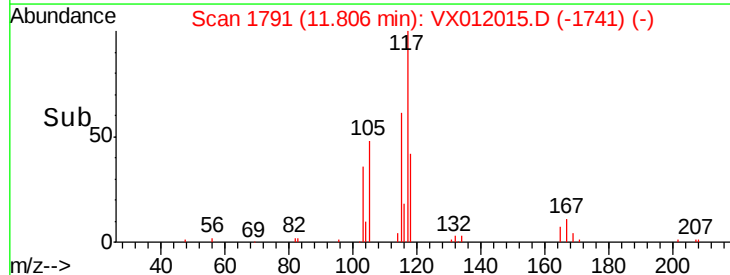
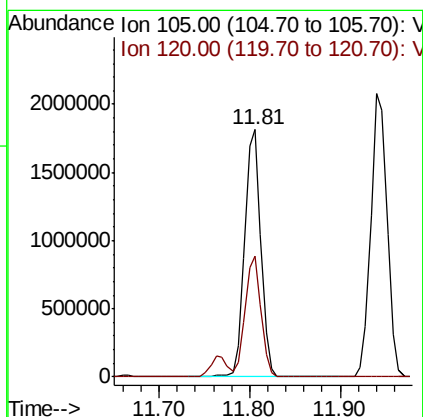
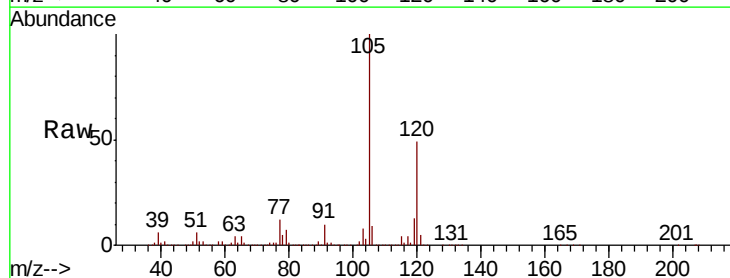
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

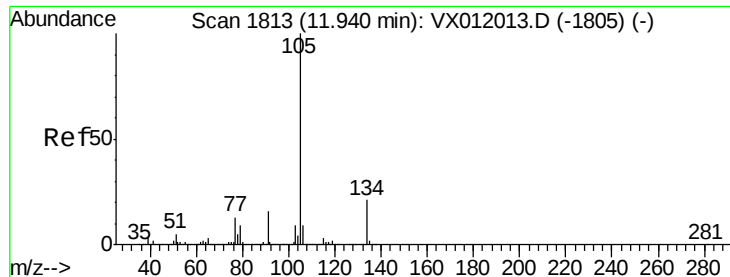
Tgt Ion:119 Resp: 2293725
 Ion Ratio Lower Upper
 119 100
 91 53.3 27.1 81.2
 134 24.8 12.1 36.3



#84
 1,2,4-Trimethylbenzene
 Concen: 145.268 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.01 min
 Lab File: VX012015.D
 Acq: 02 Sep 2019 14:42

Tgt Ion:105 Resp: 2239193
 Ion Ratio Lower Upper
 105 100
 120 47.8 23.6 70.8





#85

sec-Butylbenzene

Concen: 146.203 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX012015.D

Acq: 02 Sep 2019 14:42

Instrument :

MSVOA_X

ClientSampleId :

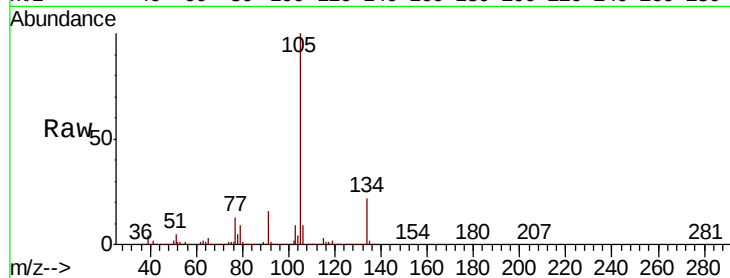
VSTDIC150

Tgt Ion:105 Resp: 2597103

Ion Ratio Lower Upper

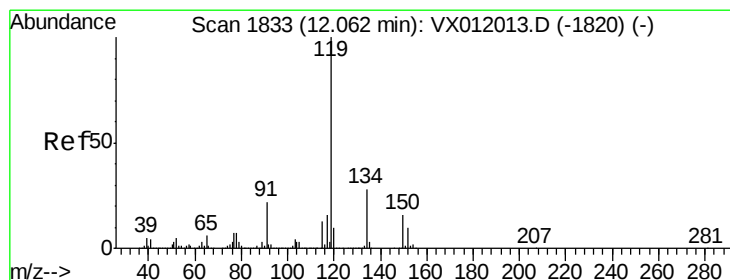
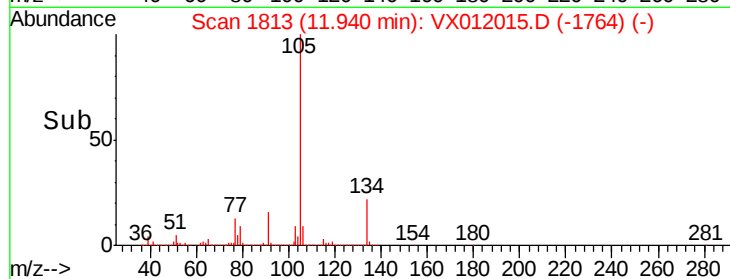
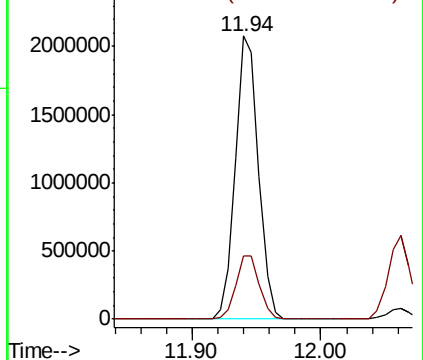
105 100

134 22.9 11.2 33.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 150.160 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX012015.D

Acq: 02 Sep 2019 14:42

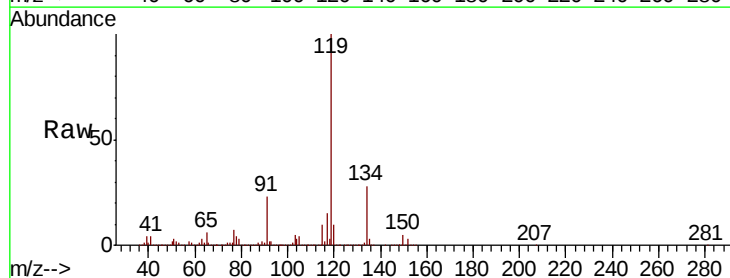
Tgt Ion:119 Resp: 2589145

Ion Ratio Lower Upper

119 100

134 27.9 13.7 41.1

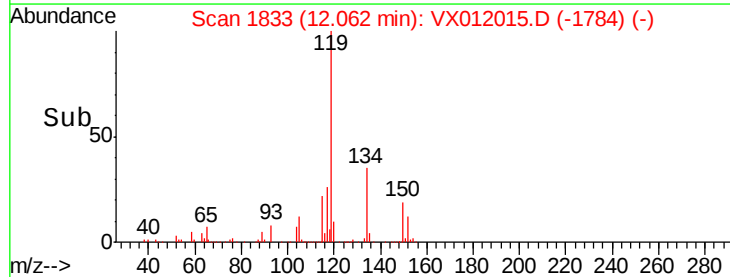
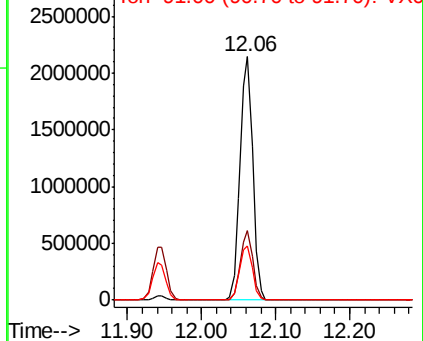
91 22.6 11.4 34.1

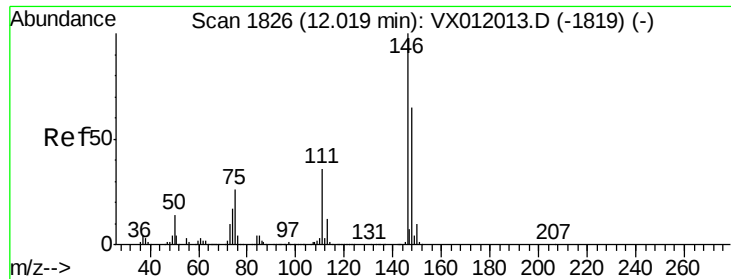


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

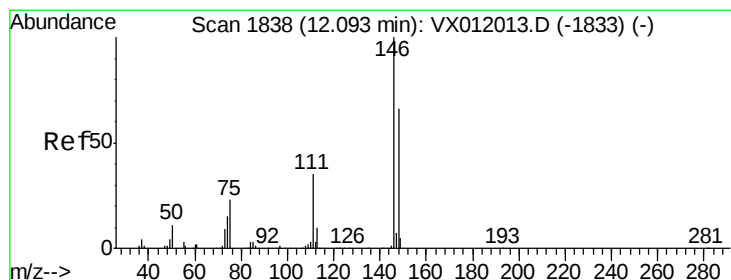
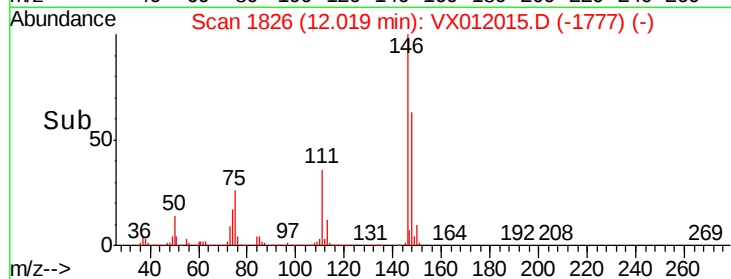
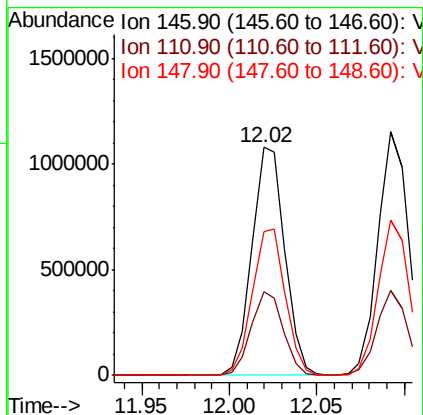
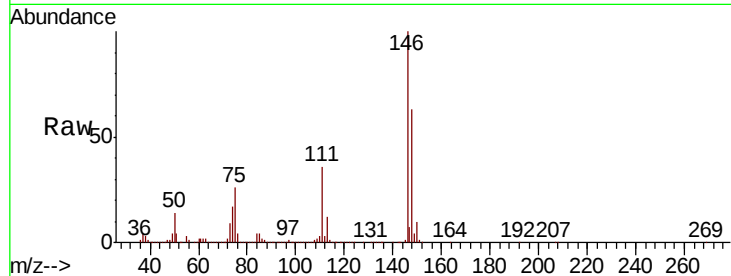




#87
 1,3-Dichlorobenzene
 Concen: 150.093 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX012015.D
 Acq: 02 Sep 2019 14:42

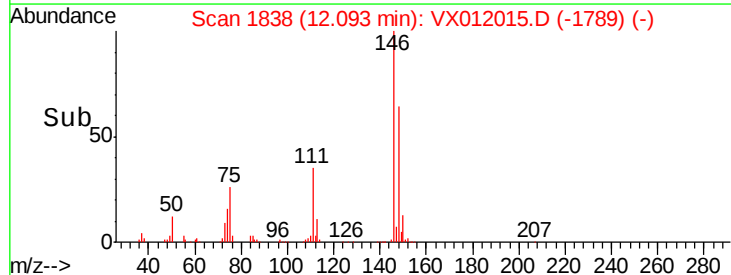
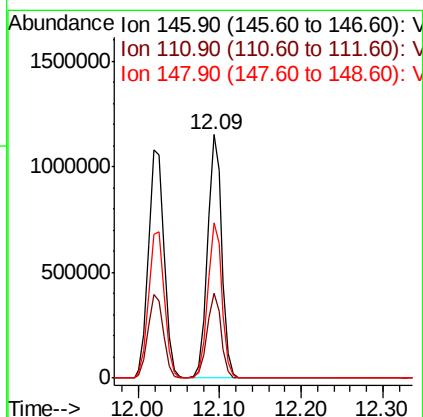
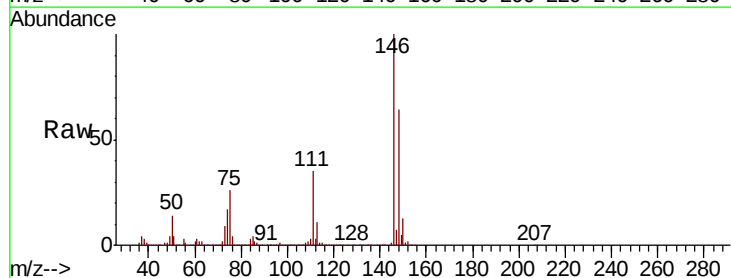
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

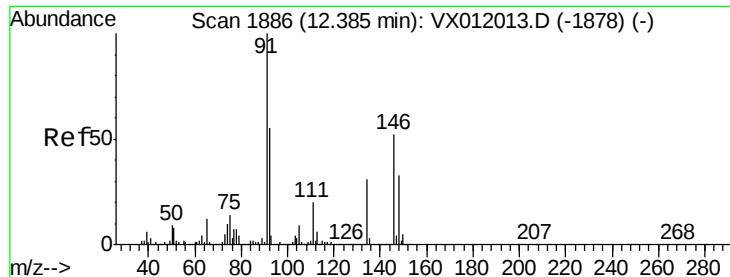
Tgt Ion:146 Resp: 1411952
 Ion Ratio Lower Upper
 146 100
 111 35.8 18.1 54.1
 148 64.2 32.6 97.8



#88
 1,4-Dichlorobenzene
 Concen: 147.520 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX012015.D
 Acq: 02 Sep 2019 14:42

Tgt Ion:146 Resp: 1402158
 Ion Ratio Lower Upper
 146 100
 111 34.5 17.7 53.1
 148 64.2 32.4 97.0





#89

n-Butylbenzene

Concen: 146.069 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX012015.D

Acq: 02 Sep 2019 14:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

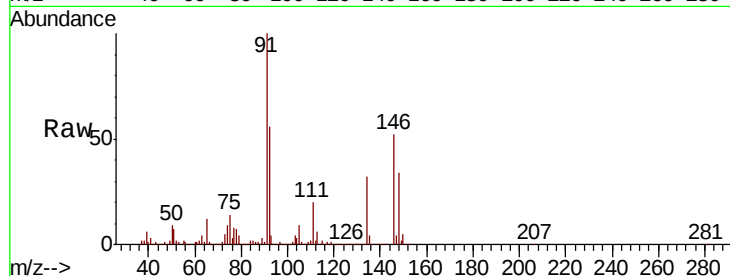
Tgt Ion: 91 Resp: 2222736

Ion Ratio Lower Upper

91 100

92 55.2 27.6 82.8

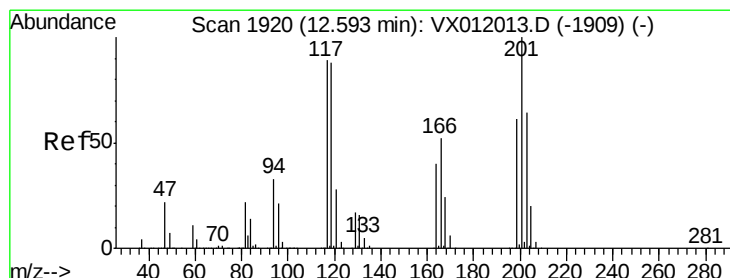
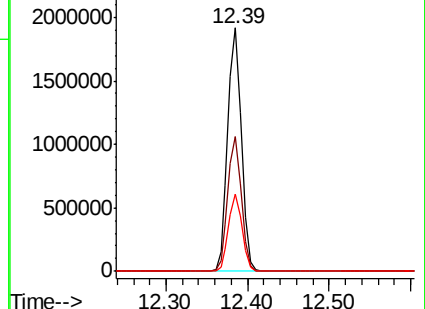
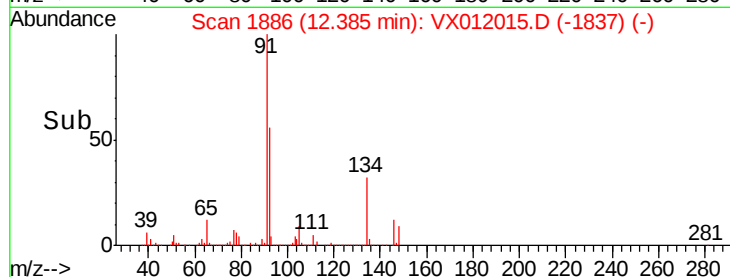
134 31.4 15.4 46.1



Abundance Ion 91.00 (90.70 to 91.70): VX012015.D (-1837) (-)

Ion 92.00 (91.70 to 92.70): VX012015.D (-1837) (-)

Ion 134.00 (133.70 to 134.70): VX012015.D (-1837) (-)



#90

Hexachloroethane

Concen: 149.405 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX012015.D

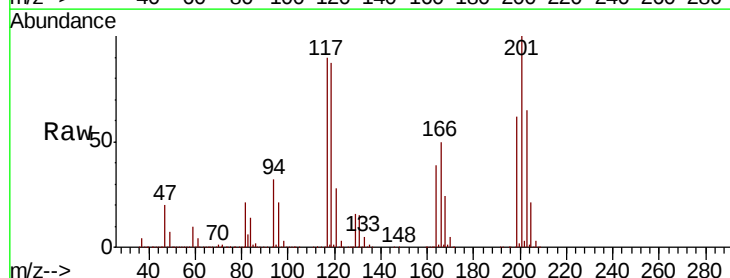
Acq: 02 Sep 2019 14:42

Tgt Ion: 117 Resp: 497897

Ion Ratio Lower Upper

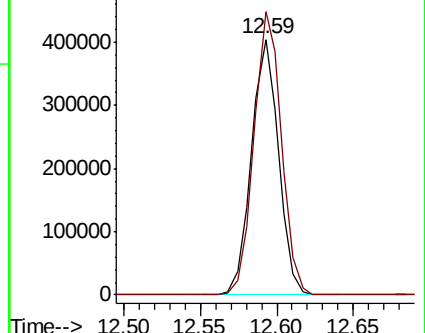
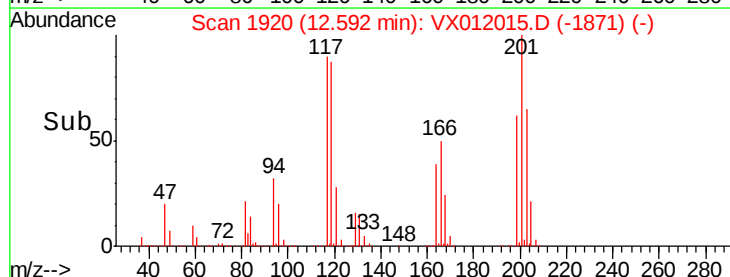
117 100

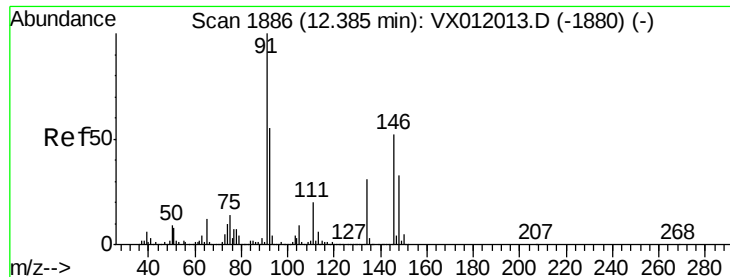
201 112.3 55.0 165.2



Abundance Ion 116.80 (116.50 to 117.50): VX012015.D (-1871) (-)

Ion 200.70 (200.40 to 201.40): VX012015.D (-1871) (-)





#91

1,2-Dichlorobenzene

Concen: 148.129 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX012015.D

Acq: 02 Sep 2019 14:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

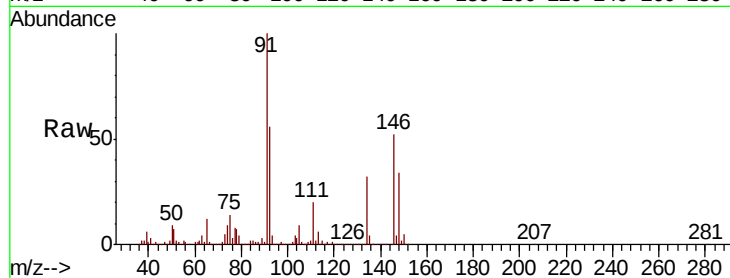
Tgt Ion:146 Resp: 1294056

Ion Ratio Lower Upper

146 100

111 36.8 18.6 56.0

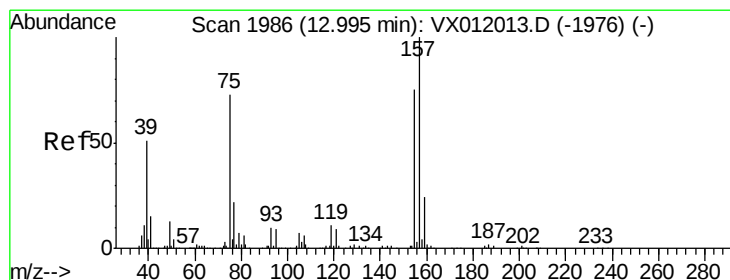
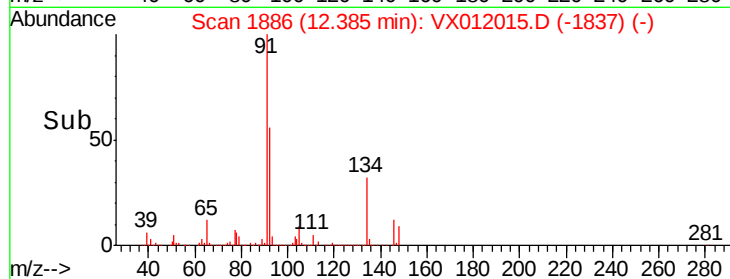
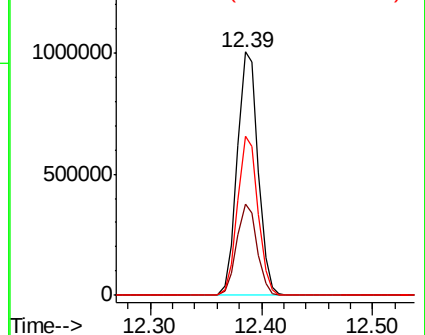
148 64.6 32.4 97.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 132.737 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VX012015.D

Acq: 02 Sep 2019 14:42

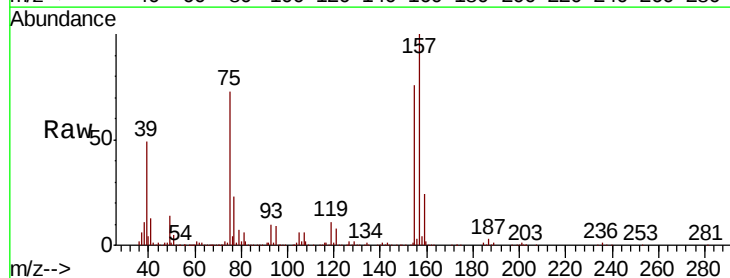
Tgt Ion: 75 Resp: 93016

Ion Ratio Lower Upper

75 100

155 106.8 51.7 155.2

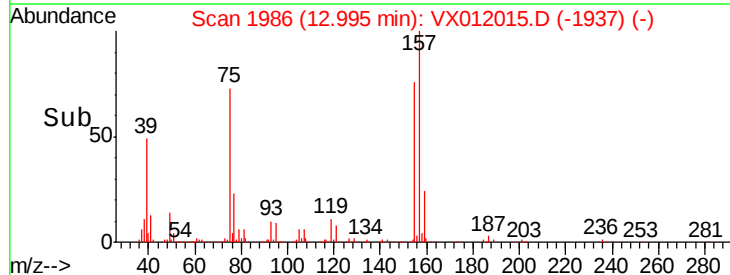
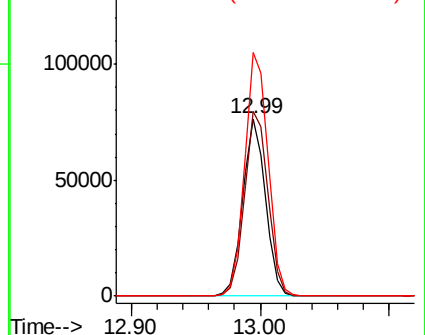
157 140.7 66.9 200.7

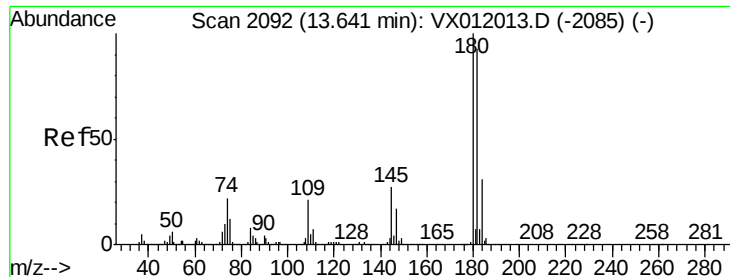


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

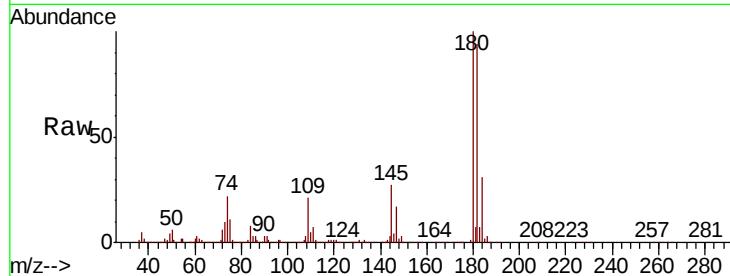




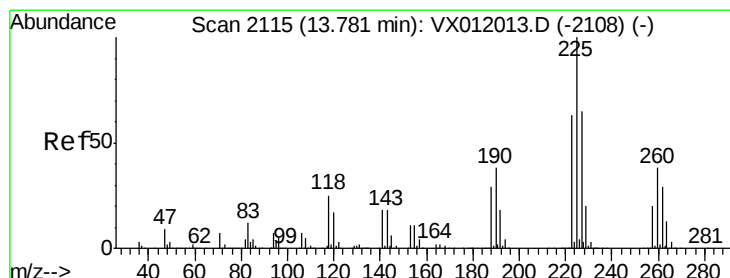
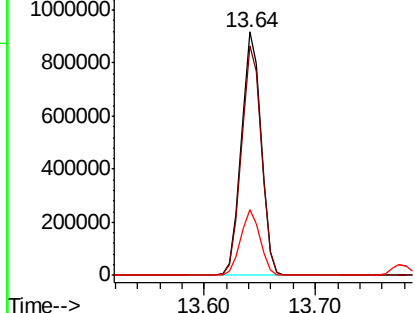
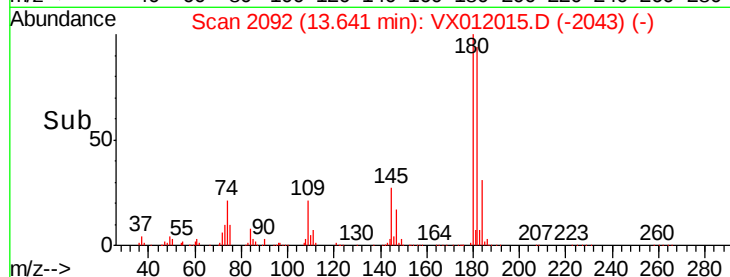
#93
 1,2,4-Trichlorobenzene
 Concen: 152.551 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX012015.D
 Acq: 02 Sep 2019 14:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tgt Ion:180 Resp: 1125874
 Ion Ratio Lower Upper
 180 100
 182 95.1 47.3 142.0
 145 26.6 13.7 41.0

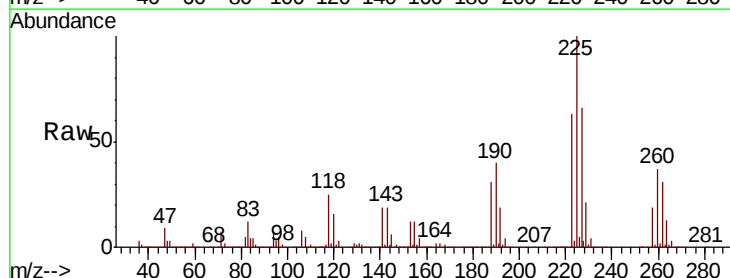


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

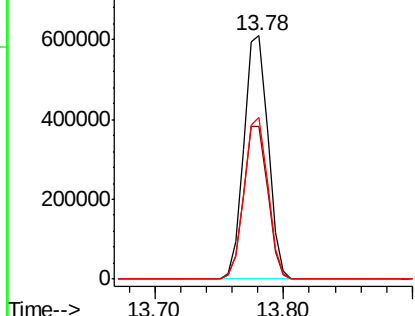
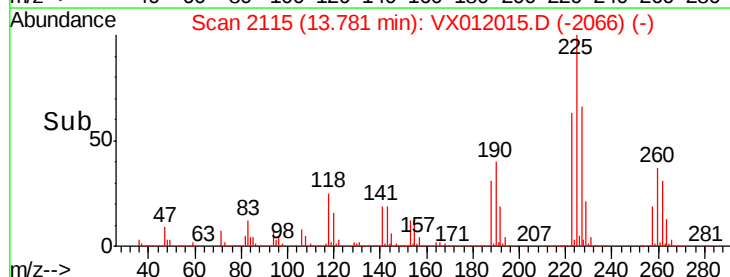


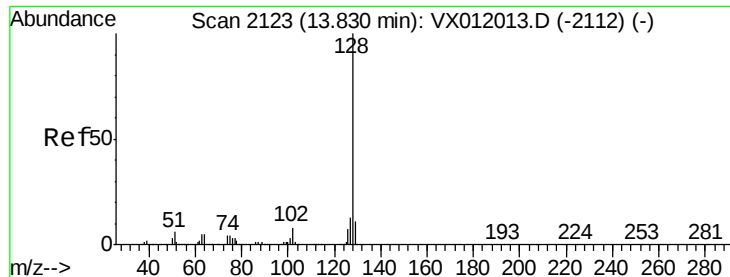
#94
 Hexachlorobutadiene
 Concen: 157.992 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VX012015.D
 Acq: 02 Sep 2019 14:42

Tgt Ion:225 Resp: 786191
 Ion Ratio Lower Upper
 225 100
 223 62.9 31.6 95.0
 227 65.4 32.5 97.5



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

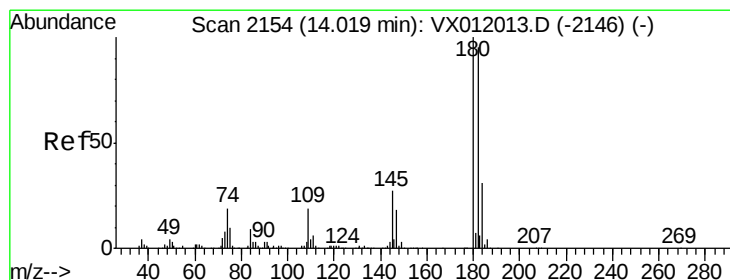
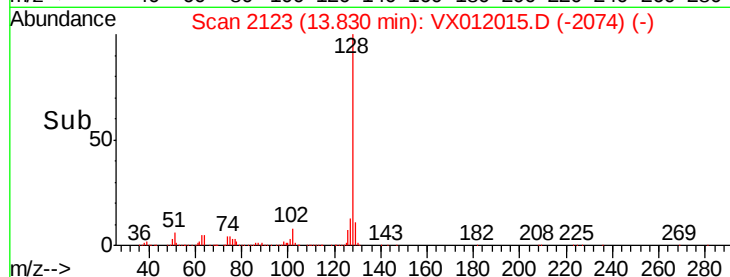
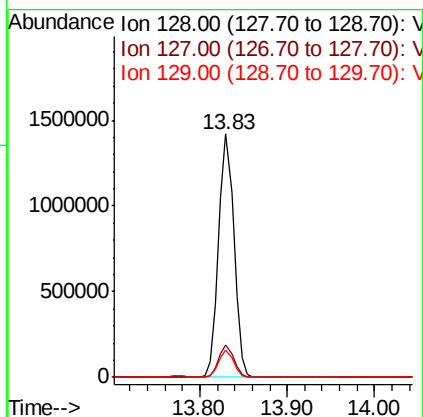
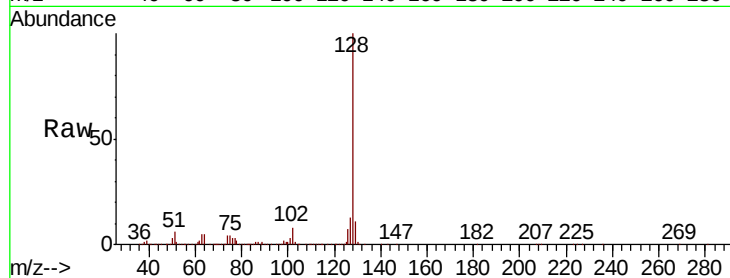




#95
Naphthalene
Concen: 137.799 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX012015.D
Acq: 02 Sep 2019 14:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:128 Resp: 1715635
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 146.363 ug/l
RT: 14.02 min Scan# 2154
Delta R.T. -0.00 min
Lab File: VX012015.D
Acq: 02 Sep 2019 14:42

Tgt Ion:180 Resp: 973546
Ion Ratio Lower Upper
180 100
182 96.3 47.9 143.6
145 28.5 14.1 42.4

