

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX090219\
 Data File : VX012014.D
 Acq On : 02 Sep 2019 14:15
 Operator : SY/SP
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Sep 03 04:47:38 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	388291	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	522423	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	492663	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	296158	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	352739	95.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	191.32%	
35) Dibromofluoromethane	5.48	113	345606	102.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	204.90%	
50) Toluene-d8	8.71	98	1239583	102.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	205.58%	
62) 4-Bromofluorobenzene	11.14	95	500574	94.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	189.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	236543	100.224	ug/l	99
3) Chloromethane	1.31	50	245743	92.438	ug/l	100
4) Vinyl Chloride	1.39	62	250910	97.800	ug/l	97
5) Bromomethane	1.62	94	159619	89.602	ug/l	97
6) Chloroethane	1.70	64	157255	98.626	ug/l	100
7) Trichlorofluoromethane	1.91	101	442343	98.743	ug/l	99
8) Diethyl Ether	2.17	74	139137	91.840	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	281603	96.636	ug/l	99
10) Methyl Iodide	2.50	142	352131	129.701	ug/l	100
11) Tert butyl alcohol	3.03	59	143377	414.274	ug/l	99
12) 1,1-Dichloroethene	2.36	96	267991	99.360	ug/l	99
13) Acrolein	2.28	56	24412	146.078	ug/l	98
14) Allyl chloride	2.71	41	462246	93.017	ug/l	99
15) Acrylonitrile	3.12	53	355674	434.138	ug/l	99
16) Acetone	2.43	43	344836	440.782	ug/l	98
17) Carbon Disulfide	2.56	76	804388	103.707	ug/l	100
18) Methyl Acetate	2.76	43	181315	84.824	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	794198	92.289	ug/l	100
20) Methylene Chloride	2.84	84	305638	78.945	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	317287	100.093	ug/l	99
22) Diisopropyl ether	3.84	45	912788	90.264	ug/l	99
23) Vinyl Acetate	3.80	43	2952305	454.767	ug/l	99
24) 1,1-Dichloroethane	3.68	63	527684	93.935	ug/l	99
25) 2-Butanone	4.65	43	500018	444.663	ug/l	99
26) 2,2-Dichloropropane	4.56	77	474324	99.095	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	362732	97.680	ug/l	99
28) Bromochloromethane	5.00	49	210380	84.959	ug/l	100
29) Tetrahydrofuran	5.11	42	307761	438.694	ug/l	99
30) Chloroform	5.19	83	575384	95.441	ug/l	99
31) Cyclohexane	5.56	56	426698	92.925	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	536727	99.299	ug/l	99
36) 1,1-Dichloropropene	5.79	75	414834	100.314	ug/l	100
37) Ethyl Acetate	4.81	43	215378	90.399	ug/l	100
38) Carbon Tetrachloride	5.77	117	505660	104.659	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	490060	98.911	ug/l	99
40) Benzene	6.13	78	1208121	98.839	ug/l	98
41) Methacrylonitrile	5.03	41	128608	91.332	ug/l	99
42) 1,2-Dichloroethane	6.18	62	408225	98.375	ug/l	100
43) Isopropyl Acetate	6.43	43	445257	91.965	ug/l	100
44) Trichloroethene	7.20	130	397428	103.681	ug/l	99
45) 1,2-Dichloropropane	7.51	63	302116	95.027	ug/l	98
46) Dibromomethane	7.65	93	185418	97.830	ug/l	100
47) Bromodichloromethane	7.89	83	463910	98.869	ug/l	97
48) Methyl methacrylate	7.76	41	221108	93.862	ug/l	99
49) 1,4-Dioxane	7.73	88	58160	1805.092	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	1101583	448.732	ug/l	100
52) Toluene	8.78	92	819984	100.971	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	471597	98.151	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	527060	97.734	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	264109	95.246	ug/l	99
56) Ethyl methacrylate	9.17	69	365115	95.551	ug/l	100
57) 1,3-Dichloropropane	9.37	76	435352	94.782	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	797632	445.277	ug/l	100
59) 2-Hexanone	9.48	43	788830	452.028	ug/l	100
60) Dibromochloromethane	9.57	129	376867	100.939	ug/l	99
61) 1,2-Dibromoethane	9.67	107	271000	98.564	ug/l	98
64) Tetrachloroethene	9.33	164	411560	103.460	ug/l	96
65) Chlorobenzene	10.14	112	954470	100.474	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	391114	102.028	ug/l	99
67) Ethyl Benzene	10.25	91	1602094	99.276	ug/l	100
68) m/p-Xylenes	10.36	106	1263149	202.418	ug/l	98
69) o-Xylene	10.70	106	616685	101.556	ug/l	99
70) Styrene	10.71	104	1068167	100.226	ug/l	100
71) Bromoform	10.85	173	280668	103.575	ug/l	98
73) Isopropylbenzene	11.01	105	1636279	96.301	ug/l	99
74) N-amyl acetate	10.89	43	432655	87.788	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	308773	90.343	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	335868	119.801	ug/l	77
77) Bromobenzene	11.25	156	487845	98.965	ug/l	100
78) n-propylbenzene	11.35	91	1855671	96.654	ug/l	100
79) 2-Chlorotoluene	11.42	91	1103654	95.759	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1434601	98.248	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	102168	89.732	ug/l	98
82) 4-Chlorotoluene	11.51	91	1312010	94.466	ug/l	99
83) tert-Butylbenzene	11.77	119	1486057	99.742	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	1452289	97.041	ug/l	100
85) sec-Butylbenzene	11.94	105	1683794	97.629	ug/l	99
86) p-Isopropyltoluene	12.06	119	1660311	99.177	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	909076	99.533	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	908982	98.499	ug/l	99
89) n-Butylbenzene	12.39	91	1431772	96.910	ug/l	100
90) Hexachloroethane	12.59	117	318835	98.541	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	827000	97.503	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	61938	91.036	ug/l	97

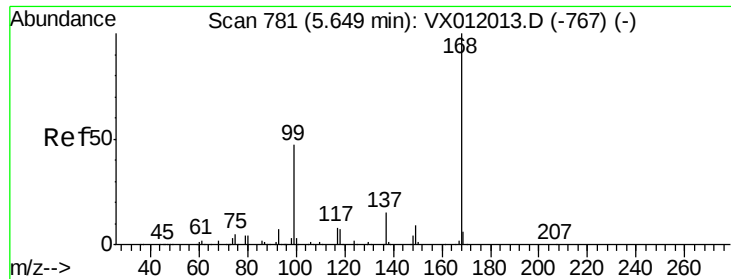
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	721038	100.625	ug/l	99
94) Hexachlorobutadiene	13.78	225	502571	104.022	ug/l	99
95) Naphthalene	13.83	128	1118733	92.549	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	629149	97.421	ug/l	100

(#) = 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: VX012014.D

Acq: 02 Sep 2019 14:15

Instrument :

MSVOA_X

ClientSampleId :

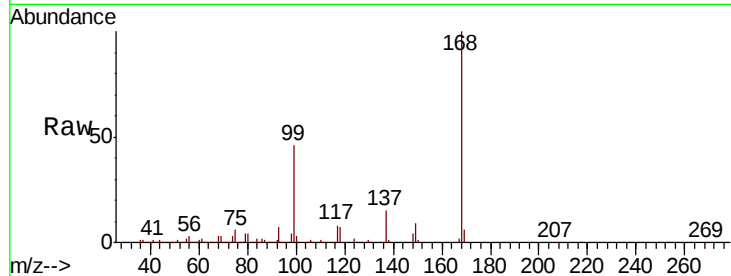
VSTDIC100

Tgt Ion:168 Resp: 388291

Ion Ratio Lower Upper

168 100

99 45.7 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

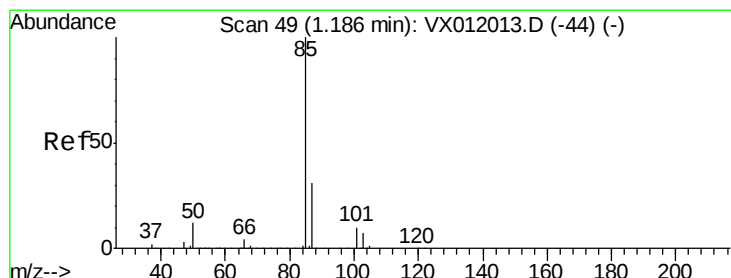
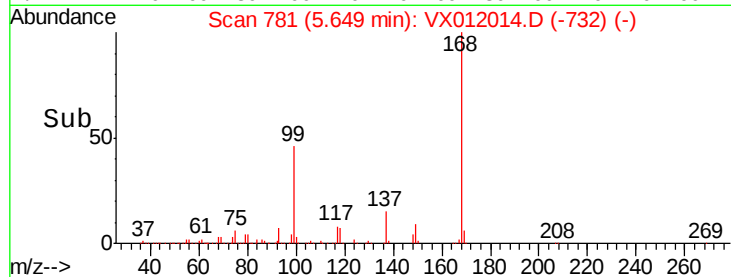
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 100.224 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX012014.D

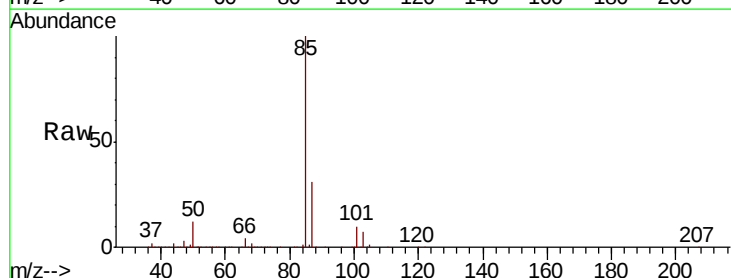
Acq: 02 Sep 2019 14:15

Tgt Ion: 85 Resp: 236543

Ion Ratio Lower Upper

85 100

87 31.5 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

250000

200000

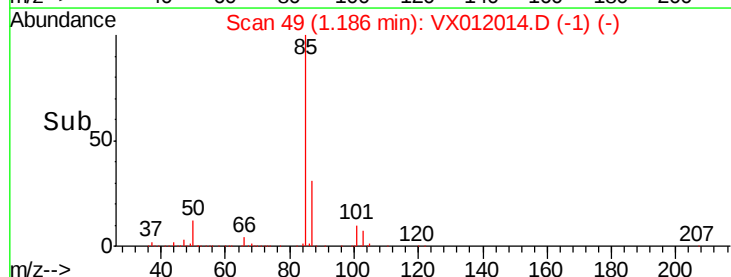
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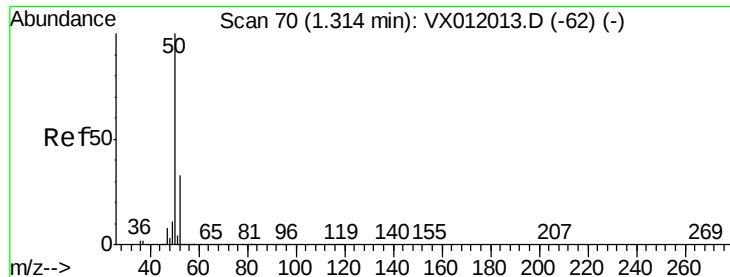
100000

50000

0

Time-->





#3

Chloromethane

Concen: 92.438 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX012014.D

Acq: 02 Sep 2019 14:15

Instrument :

MSVOA_X

ClientSampleId :

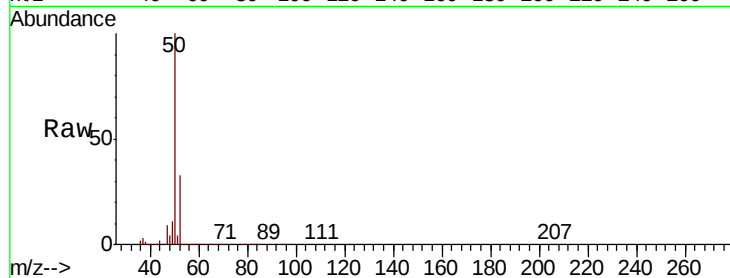
VSTDIC100

Tgt Ion: 50 Resp: 245743

Ion Ratio Lower Upper

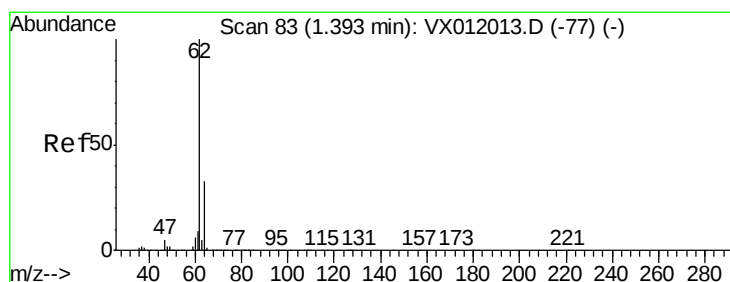
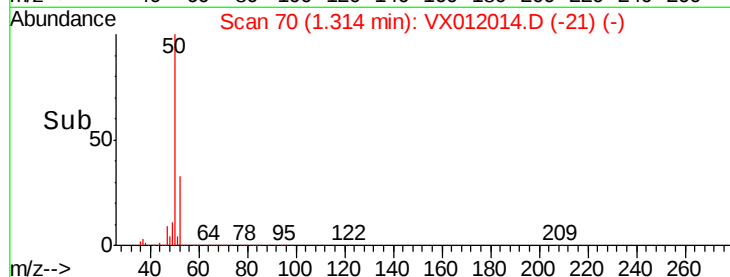
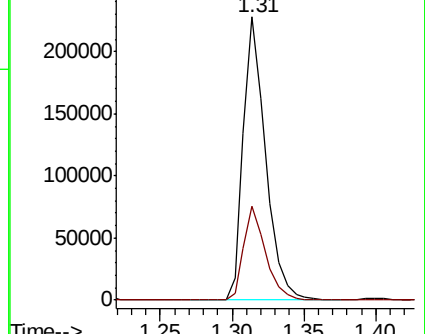
50 100

52 33.0 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 97.800 ug/l

RT: 1.39 min Scan# 83

Delta R.T. -0.00 min

Lab File: VX012014.D

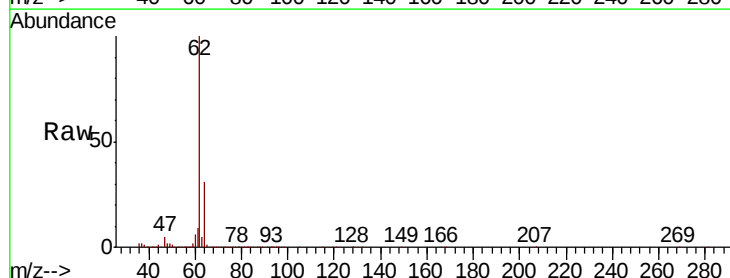
Acq: 02 Sep 2019 14:15

Tgt Ion: 62 Resp: 250910

Ion Ratio Lower Upper

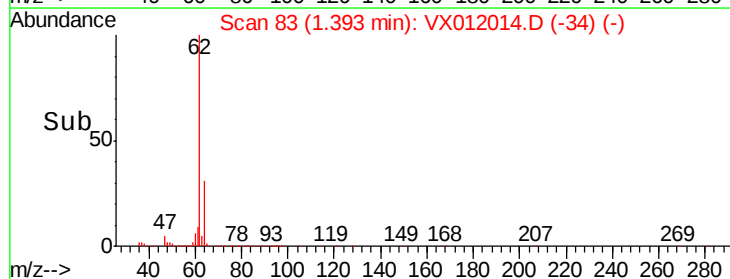
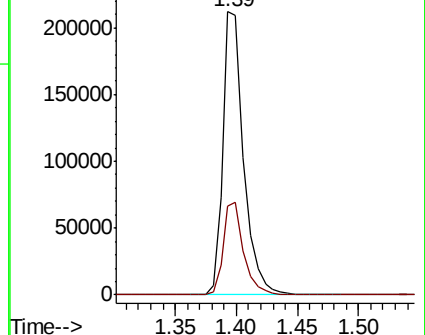
62 100

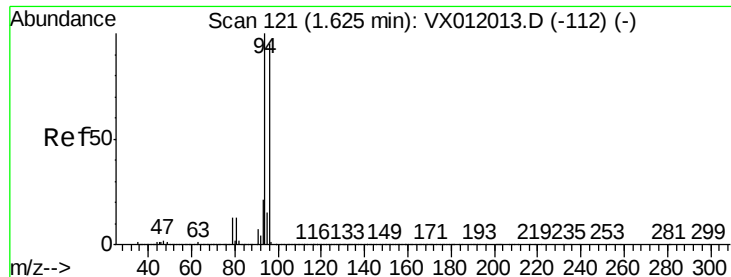
64 31.2 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 89.602 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX012014.D

Acq: 02 Sep 2019 14:15

Instrument :

MSVOA_X

ClientSampleId :

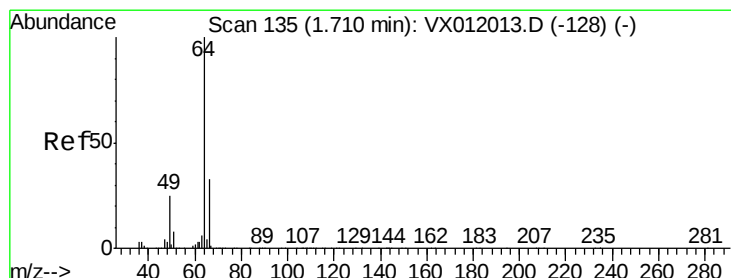
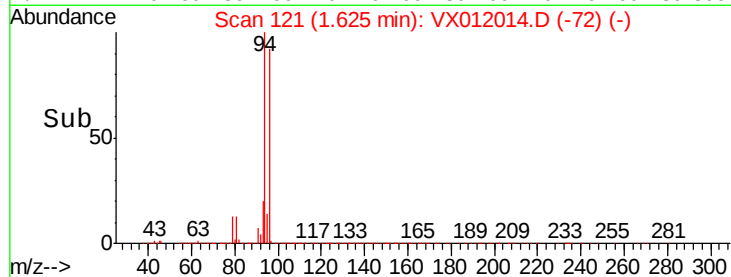
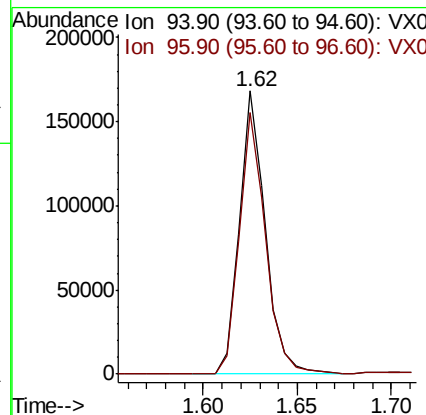
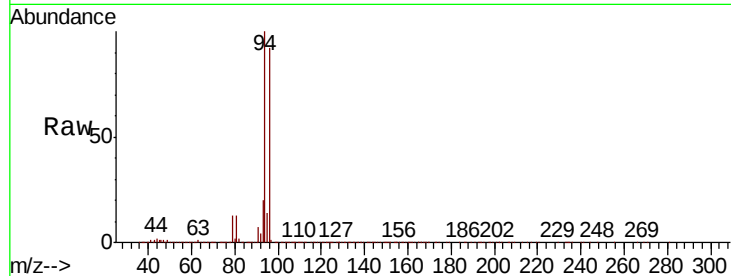
VSTDIC100

Tgt Ion: 94 Resp: 159619

Ion Ratio Lower Upper

94 100

96 92.3 76.3 114.5



#6

Chloroethane

Concen: 98.626 ug/l

RT: 1.70 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX012014.D

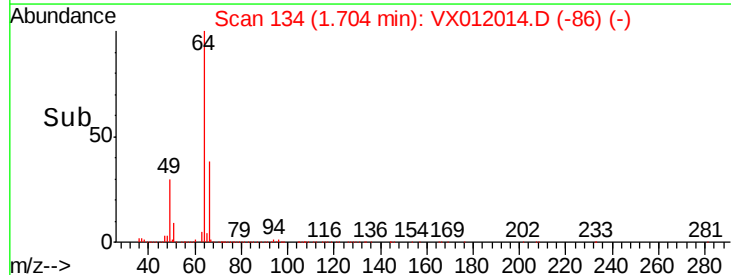
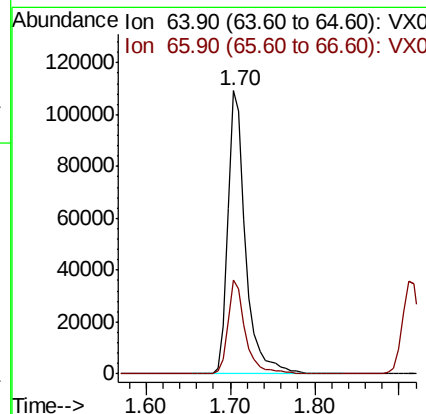
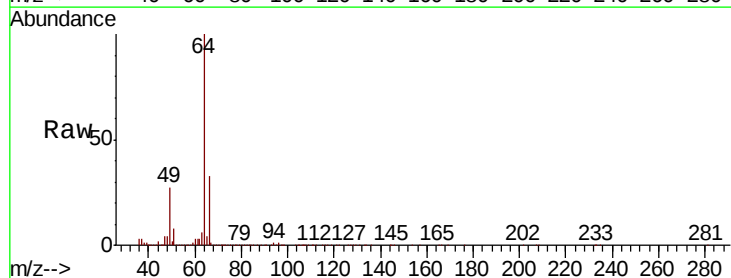
Acq: 02 Sep 2019 14:15

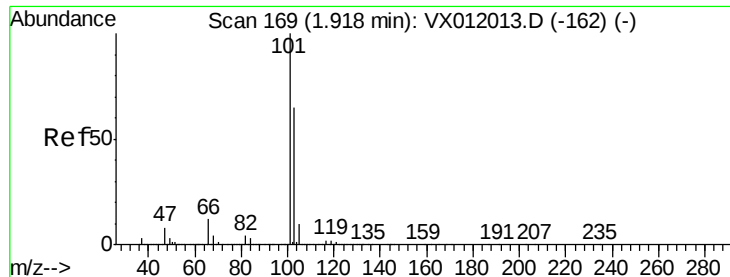
Tgt Ion: 64 Resp: 157255

Ion Ratio Lower Upper

64 100

66 33.1 26.3 39.5



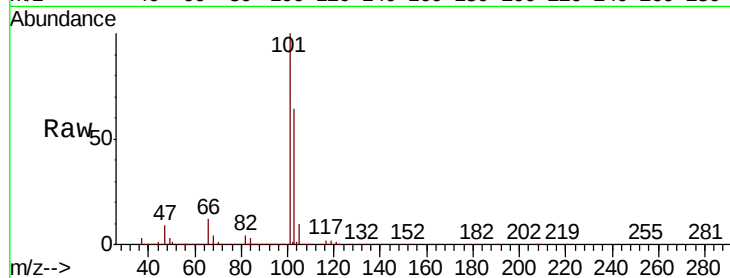


#7

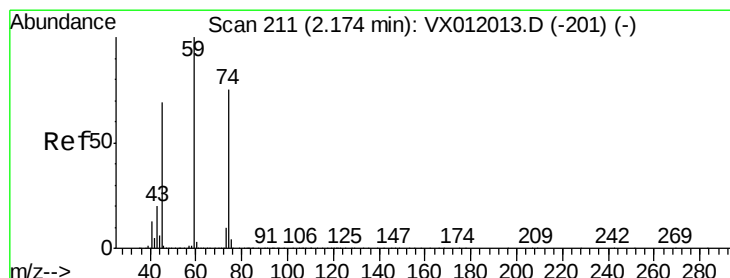
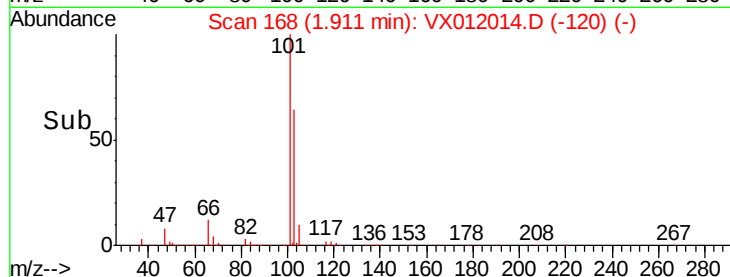
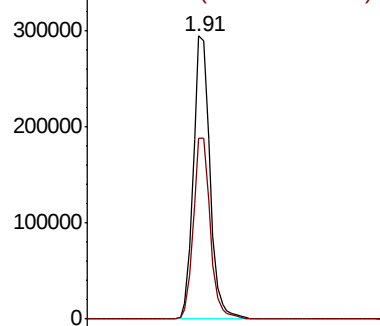
Trichlorofluoromethane
 Concen: 98.743 ug/l
 RT: 1.91 min Scan# 168
 Delta R.T. -0.01 min
 Lab File: VX012014.D
 Acq: 02 Sep 2019 14:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion:101 Resp: 442343
 Ion Ratio Lower Upper
 101 100
 103 63.8 51.6 77.4



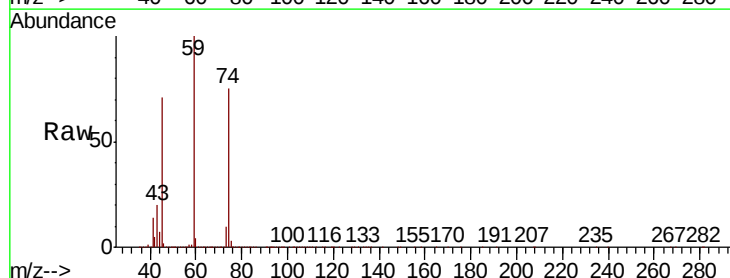
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



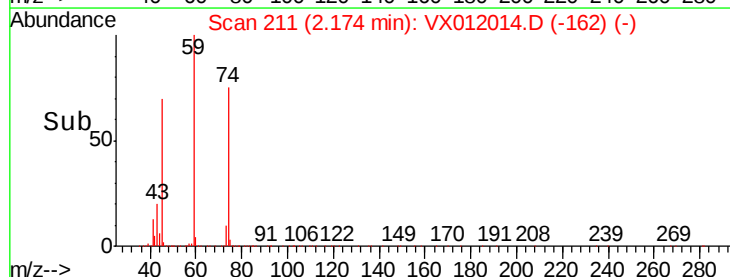
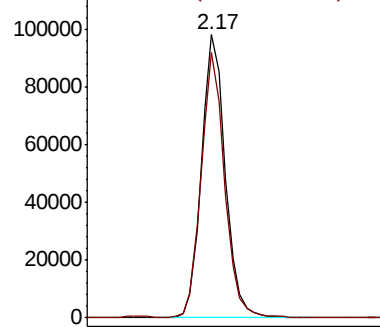
#8

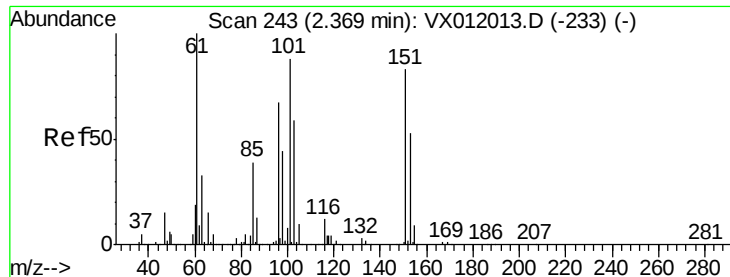
Diethyl Ether
 Concen: 91.840 ug/l
 RT: 2.17 min Scan# 211
 Delta R.T. -0.00 min
 Lab File: VX012014.D
 Acq: 02 Sep 2019 14:15

Tgt Ion: 74 Resp: 139137
 Ion Ratio Lower Upper
 74 100
 45 91.9 45.9 137.6



Abundance Ion 74.00 (73.70 to 74.70): VX0
 Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 96.636 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX012014.D

Acq: 02 Sep 2019 14:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

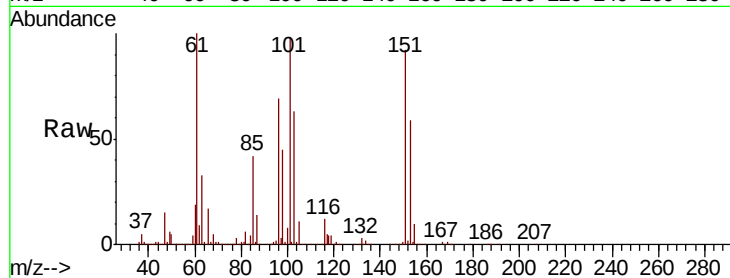
Tgt Ion:101 Resp: 281603

Ion Ratio Lower Upper

101 100

85 42.3 34.5 51.7

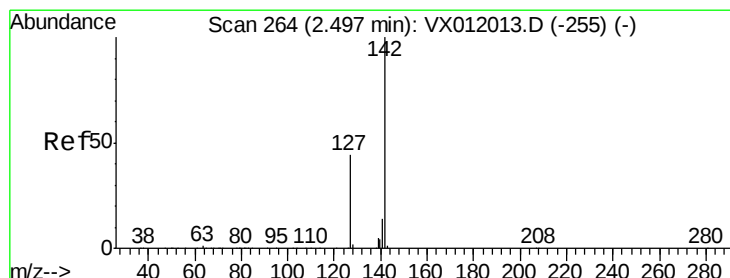
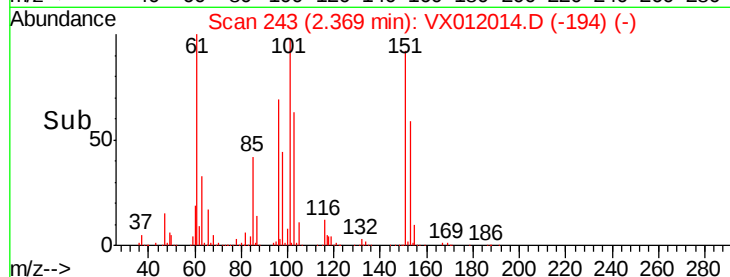
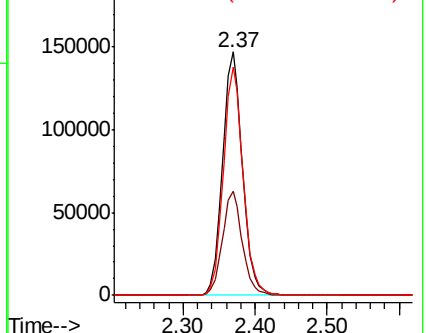
151 93.4 75.0 112.4



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: 129.701 ug/l

RT: 2.50 min Scan# 264

Delta R.T. -0.00 min

Lab File: VX012014.D

Acq: 02 Sep 2019 14:15

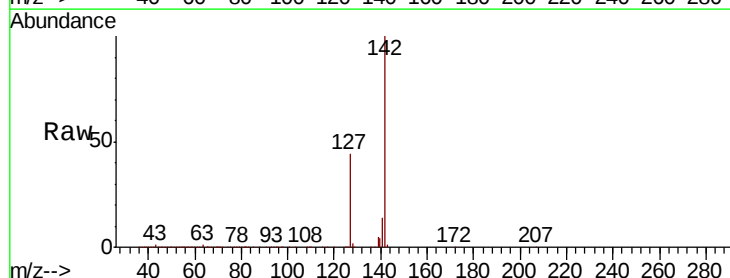
Tgt Ion:142 Resp: 352131

Ion Ratio Lower Upper

142 100

127 44.3 35.4 53.2

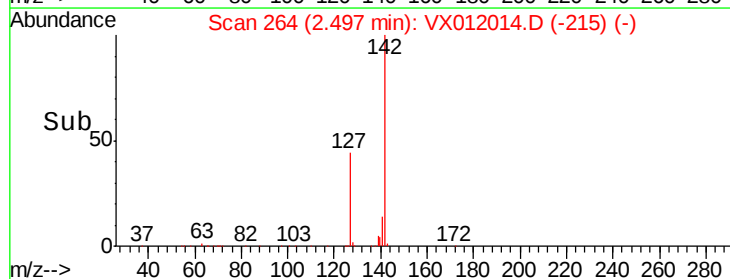
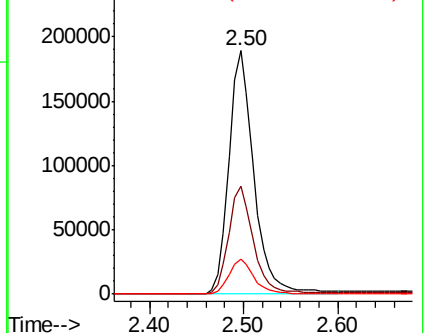
141 14.4 11.4 17.2

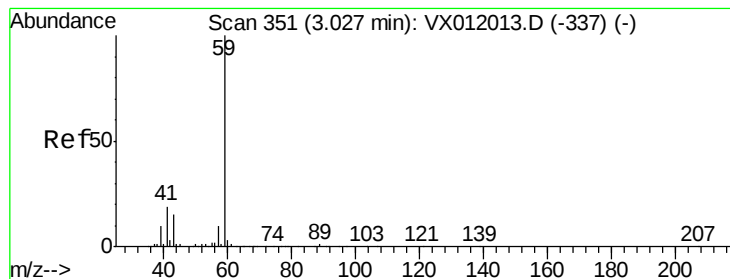


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



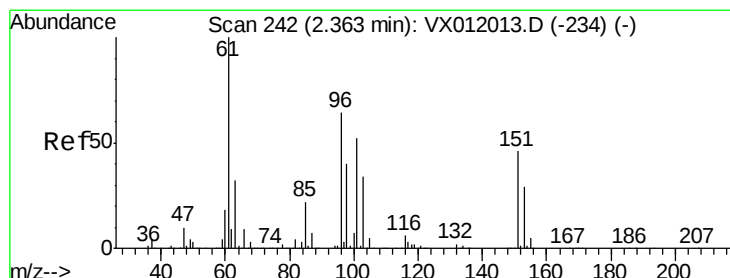
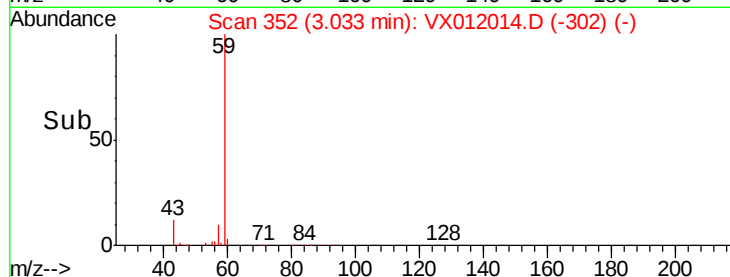
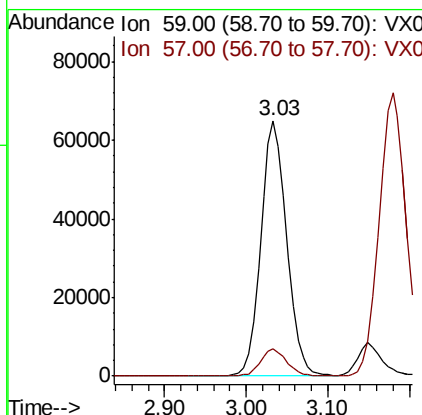
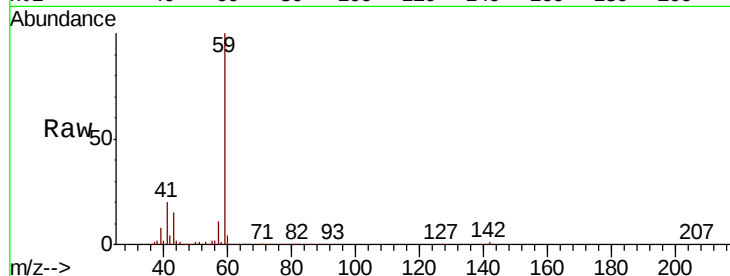


#11

Tert butyl alcohol
 Concen: 414.274 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. 0.01 min
 Lab File: VX012014.D
 Acq: 02 Sep 2019 14:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

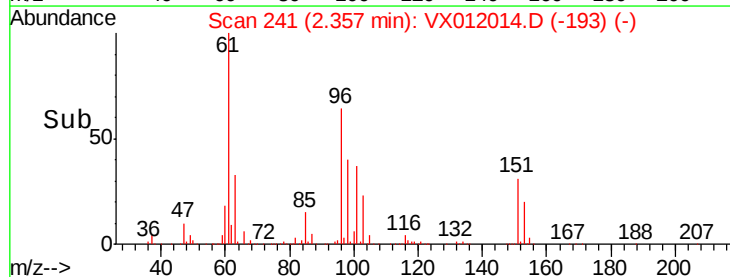
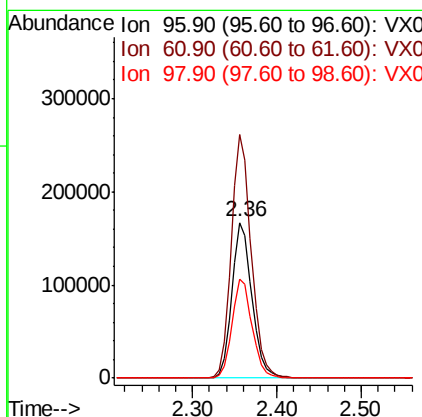
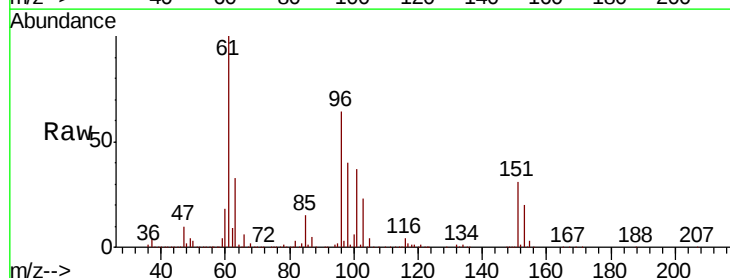
Tgt Ion: 59 Resp: 143377
 Ion Ratio Lower Upper
 59 100
 57 10.4 7.9 11.9

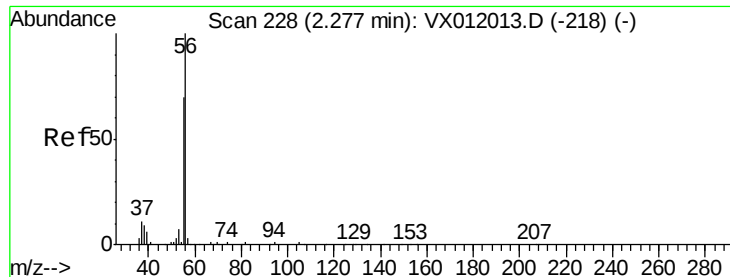


#12

1,1-Dichloroethene
 Concen: 99.360 ug/l
 RT: 2.36 min Scan# 241
 Delta R.T. -0.01 min
 Lab File: VX012014.D
 Acq: 02 Sep 2019 14:15

Tgt Ion: 96 Resp: 267991
 Ion Ratio Lower Upper
 96 100
 61 156.4 124.1 186.1
 98 63.3 50.2 75.2





#13

Acrolein

Concen: 146.078 ug/l

RT: 2.28 min Scan# 228

Delta R.T. -0.00 min

Lab File: VX012014.D

Acq: 02 Sep 2019 14:15

Instrument :

MSVOA_X

ClientSampleId :

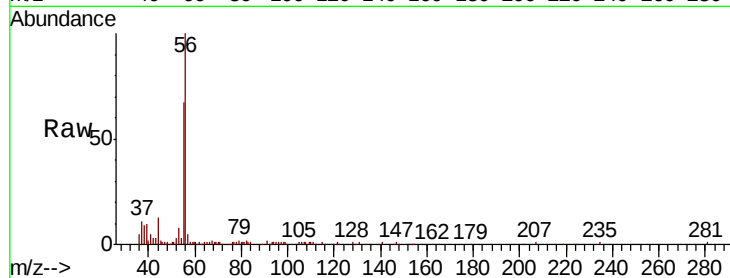
VSTDIC100

Tgt Ion: 56 Resp: 24412

Ion Ratio Lower Upper

56 100

55 72.3 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

15000

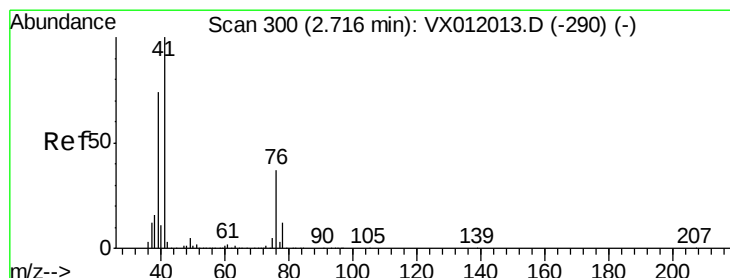
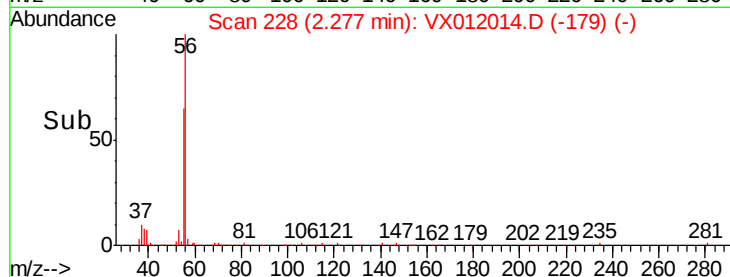
10000

5000

0

Time-->

2.20 2.25 2.30 2.35



#14

Allyl chloride

Concen: 93.017 ug/l

RT: 2.71 min Scan# 299

Delta R.T. -0.01 min

Lab File: VX012014.D

Acq: 02 Sep 2019 14:15

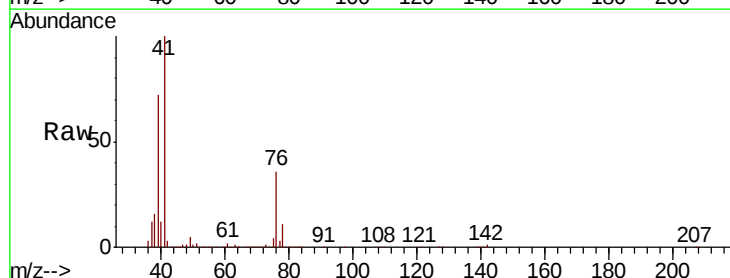
Tgt Ion: 41 Resp: 462246

Ion Ratio Lower Upper

41 100

39 71.5 57.9 86.9

76 35.7 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

300000

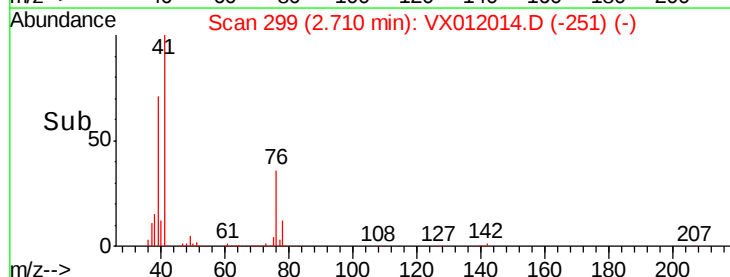
200000

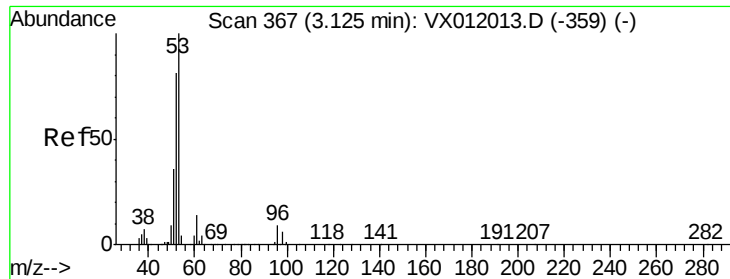
100000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 434.138 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.00 min

Lab File: VX012014.D

Acq: 02 Sep 2019 14:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

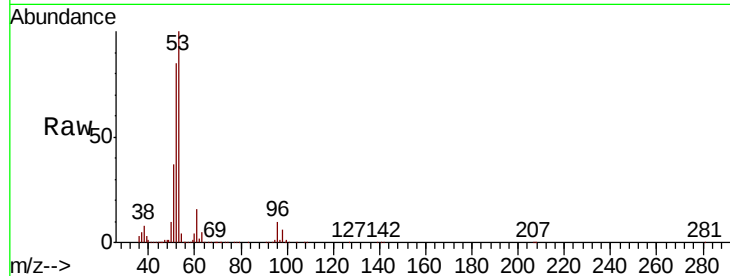
Tgt Ion: 53 Resp: 355674

Ion Ratio Lower Upper

53 100

52 82.7 65.6 98.4

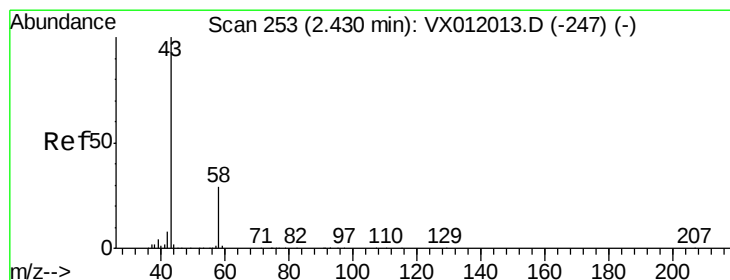
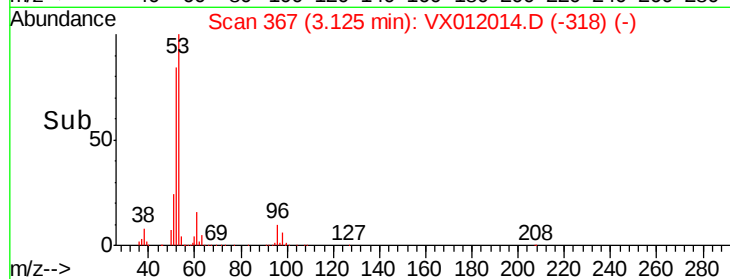
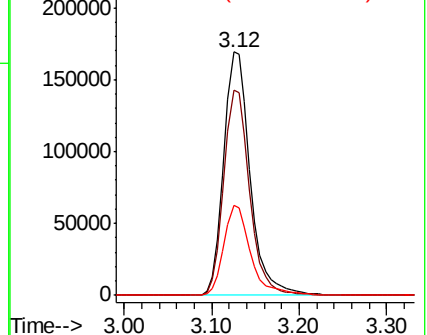
51 37.3 29.8 44.6



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: 440.782 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX012014.D

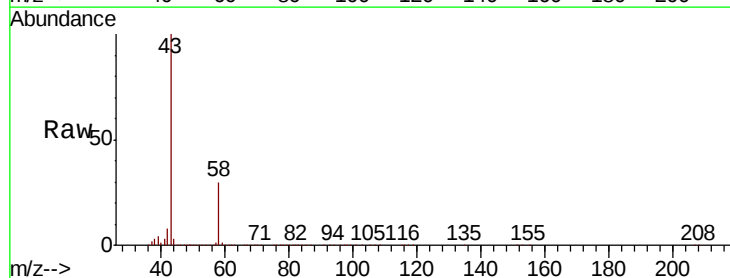
Acq: 02 Sep 2019 14:15

Tgt Ion: 43 Resp: 344836

Ion Ratio Lower Upper

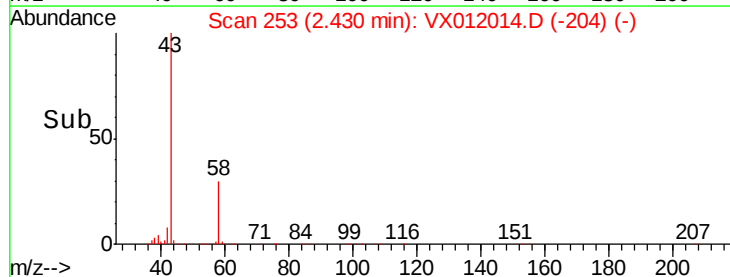
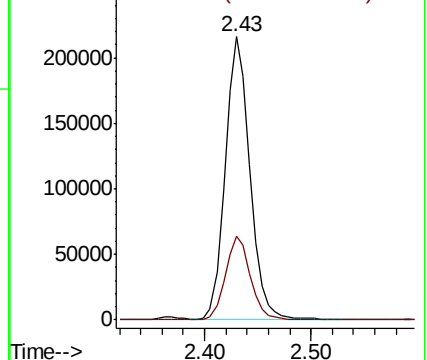
43 100

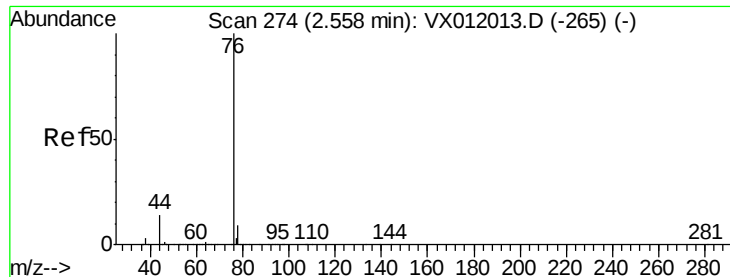
58 29.6 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 103.707 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.00 min

Lab File: VX012014.D

Acq: 02 Sep 2019 14:15

Instrument :

MSVOA_X

ClientSampleId :

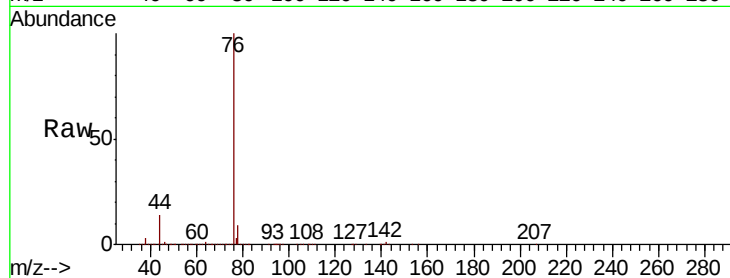
VSTDIC100

Tgt Ion: 76 Resp: 804388

Ion Ratio Lower Upper

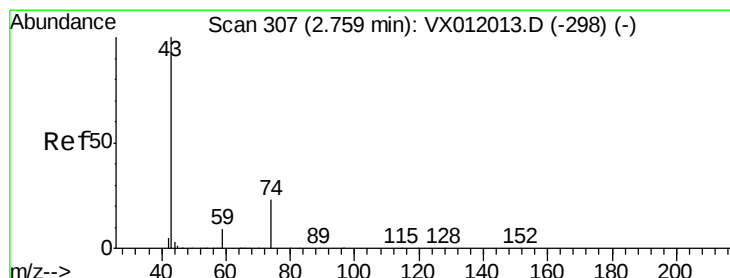
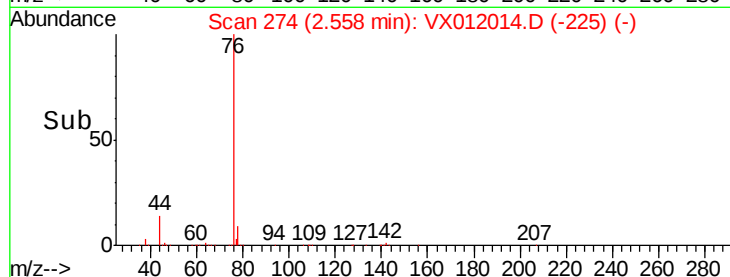
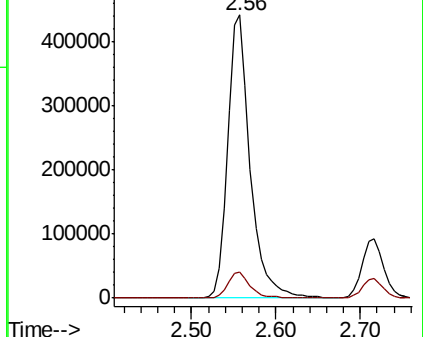
76 100

78 9.2 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 84.824 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.00 min

Lab File: VX012014.D

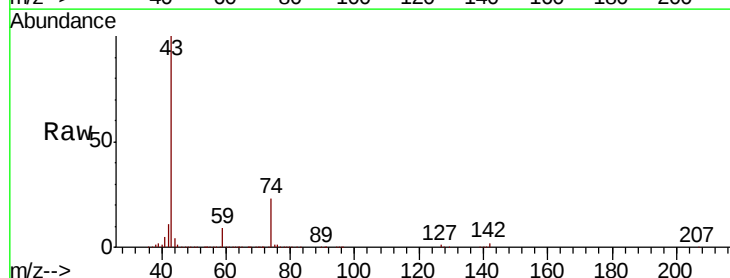
Acq: 02 Sep 2019 14:15

Tgt Ion: 43 Resp: 181315

Ion Ratio Lower Upper

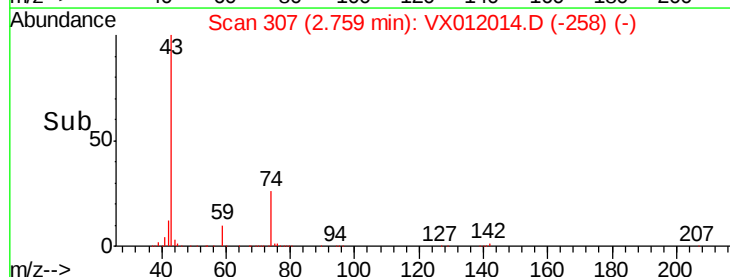
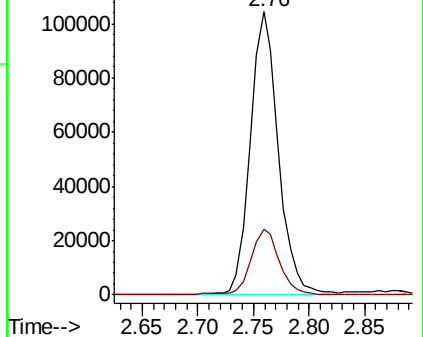
43 100

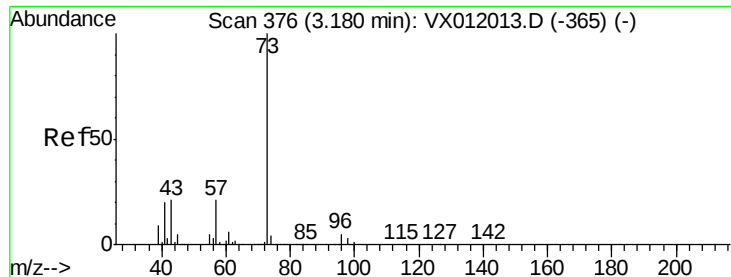
74 24.4 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

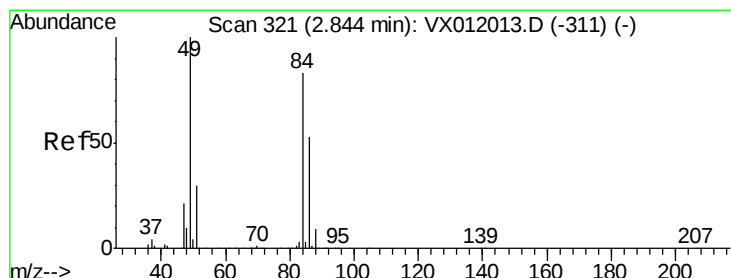
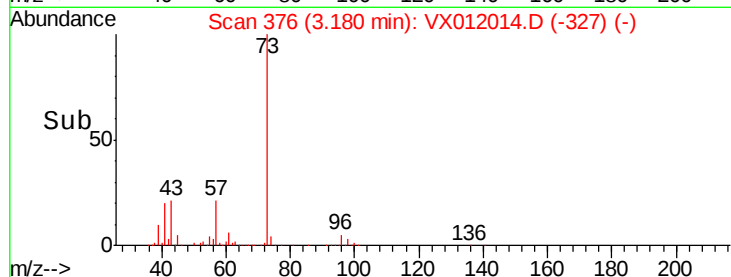
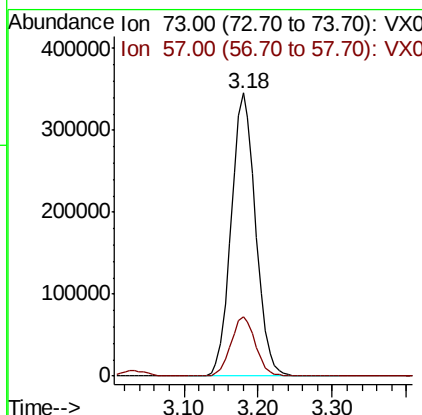
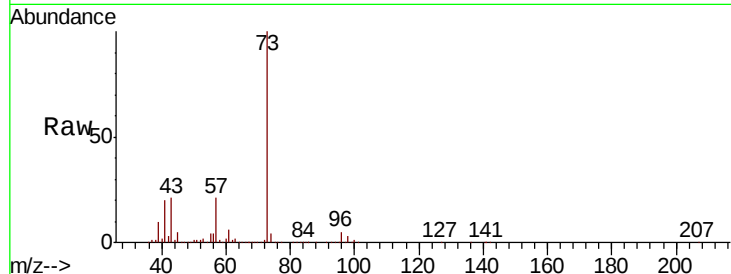




#19
Methyl tert-butyl Ether
Concen: 92.289 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.00 min
Lab File: VX012014.D
Acq: 02 Sep 2019 14:15

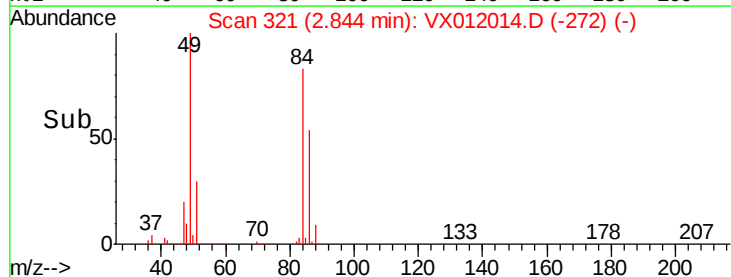
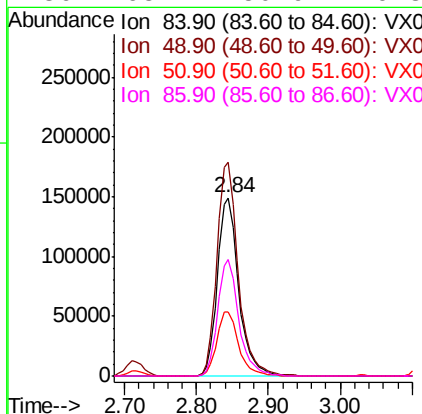
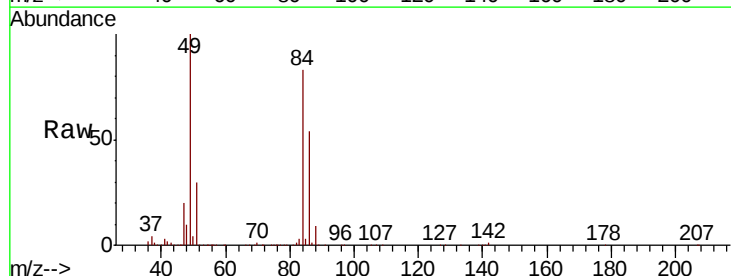
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

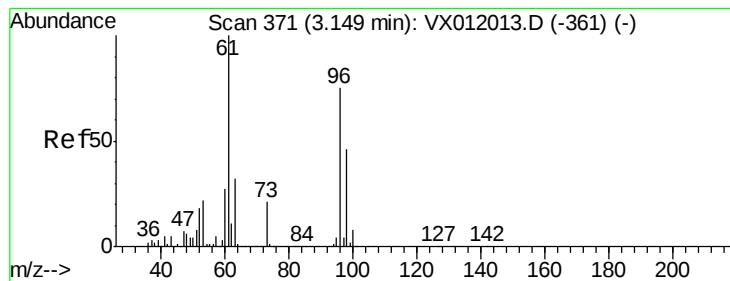
Tgt Ion: 73 Resp: 794198
Ion Ratio Lower Upper
73 100
57 20.8 16.6 25.0



#20
Methylene Chloride
Concen: 78.945 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX012014.D
Acq: 02 Sep 2019 14:15

Tgt Ion: 84 Resp: 305638
Ion Ratio Lower Upper
84 100
49 119.8 95.8 143.8
51 36.1 28.6 43.0
86 65.2 50.9 76.3





#21

trans-1,2-Dichloroethene

Concen: 100.093 ug/l

RT: 3.15 min Scan# 371

Delta R.T. -0.00 min

Lab File: VX012014.D

Acq: 02 Sep 2019 14:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

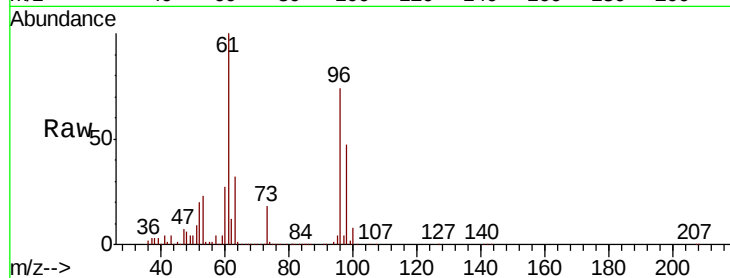
Tgt Ion: 96 Resp: 317287

Ion Ratio Lower Upper

96 100

61 134.4 107.0 160.6

98 63.6 49.8 74.6

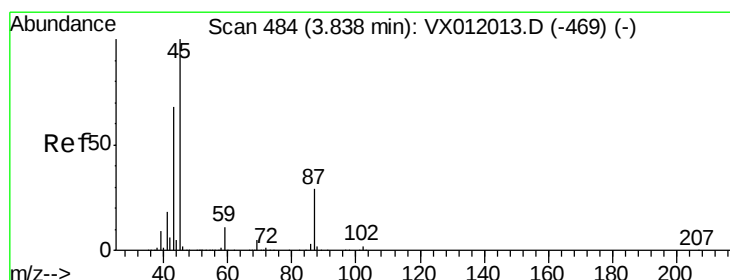
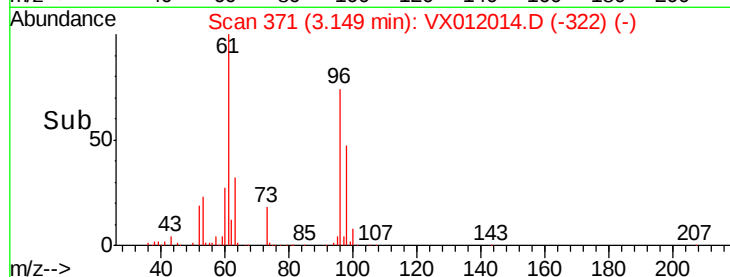
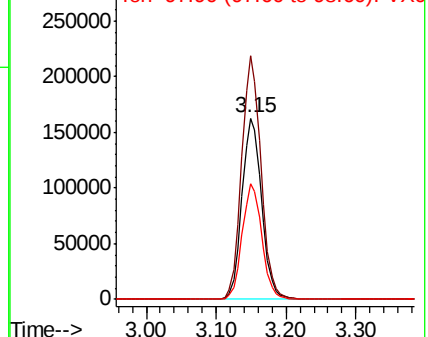


Abundance

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: 90.264 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.00 min

Lab File: VX012014.D

Acq: 02 Sep 2019 14:15

Tgt Ion: 45 Resp: 912788

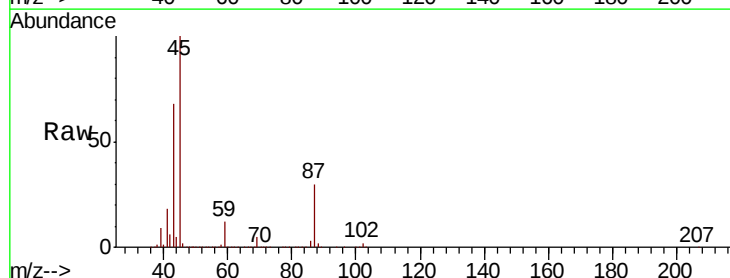
Ion Ratio Lower Upper

45 100

43 68.2 54.2 81.4

87 29.6 23.4 35.0

59 11.6 9.0 13.6



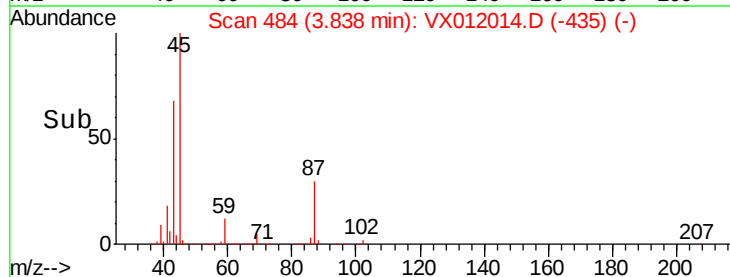
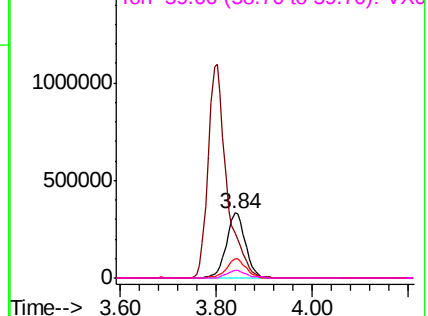
Abundance

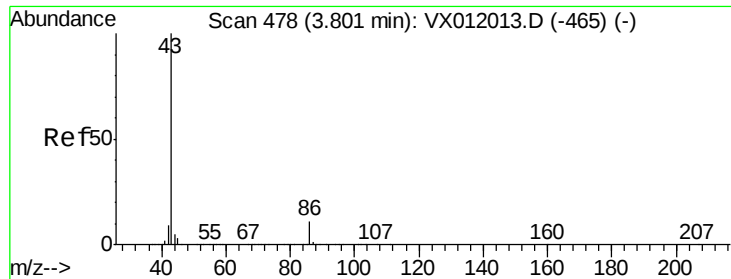
Ion 45.00 (44.70 to 45.70): VX0

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

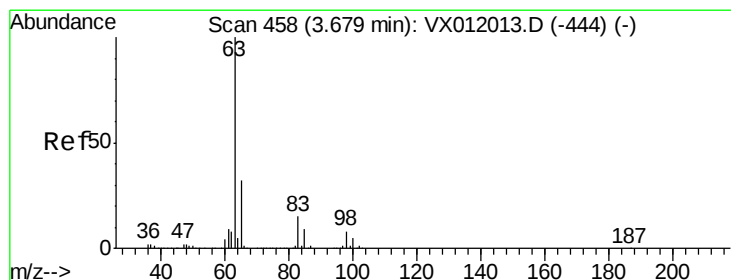
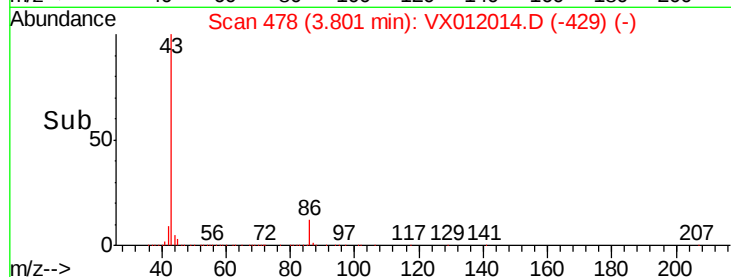
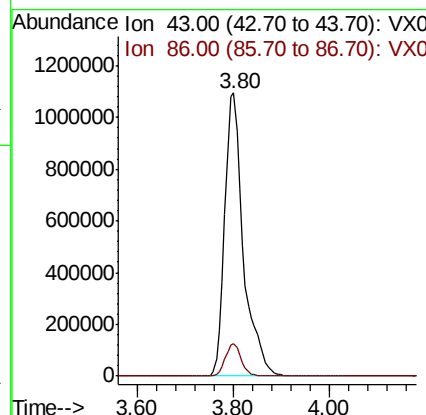
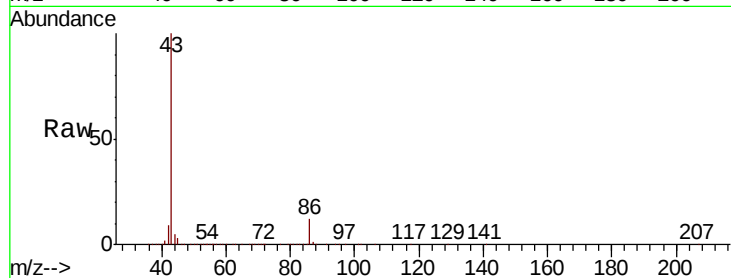




#23
 Vinyl Acetate
 Concen: 454.767 ug/l
 RT: 3.80 min Scan# 478
 Delta R.T. -0.00 min
 Lab File: VX012014.D
 Acq: 02 Sep 2019 14:15

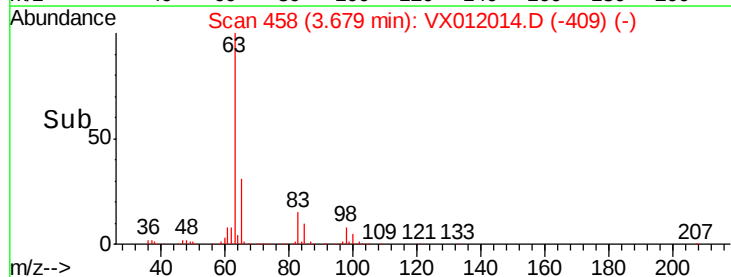
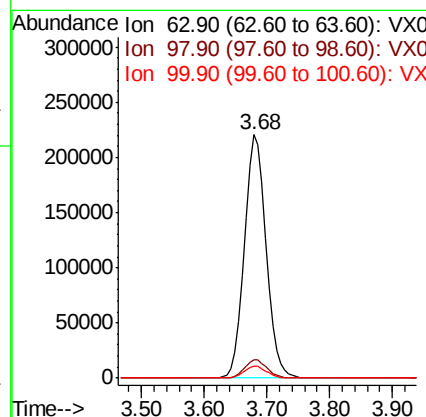
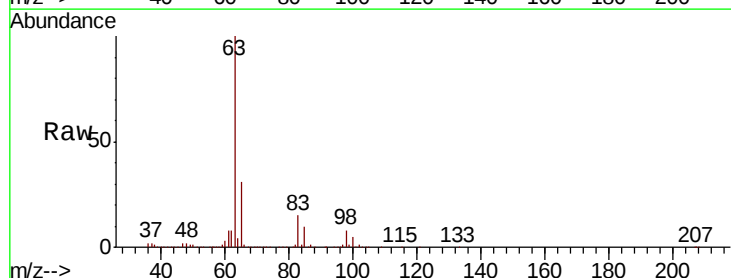
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

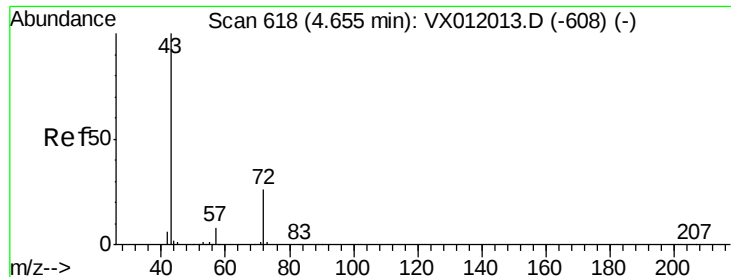
Tgt Ion: 43 Resp: 2952305
 Ion Ratio Lower Upper
 43 100
 86 11.6 9.0 13.6



#24
 1,1-Dichloroethane
 Concen: 93.935 ug/l
 RT: 3.68 min Scan# 458
 Delta R.T. -0.00 min
 Lab File: VX012014.D
 Acq: 02 Sep 2019 14:15

Tgt Ion: 63 Resp: 527684
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.9 11.7
 100 4.7 2.5 7.4





#25

2-Butanone

Concen: 444.663 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.00 min

Lab File: VX012014.D

Acq: 02 Sep 2019 14:15

Instrument :

MSVOA_X

ClientSampleId :

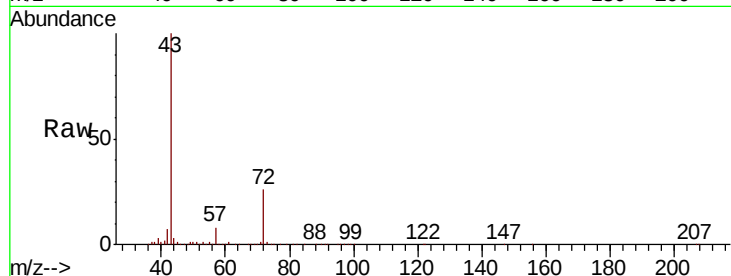
VSTDIC100

Tgt Ion: 43 Resp: 500018

Ion Ratio Lower Upper

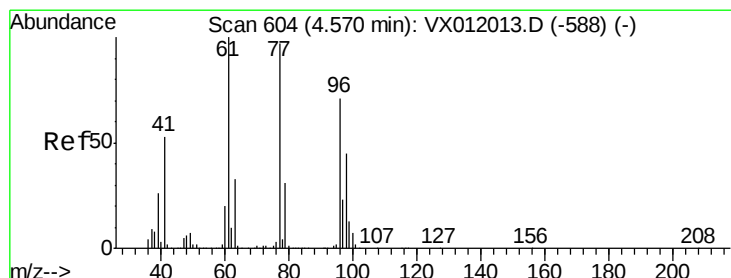
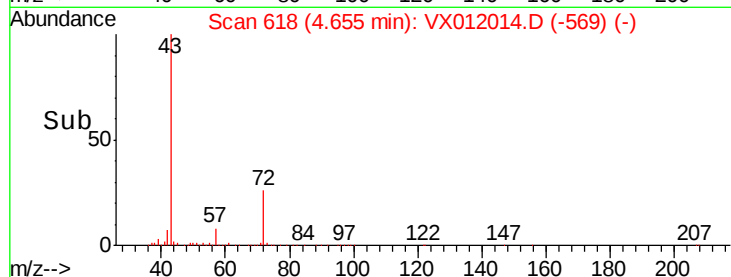
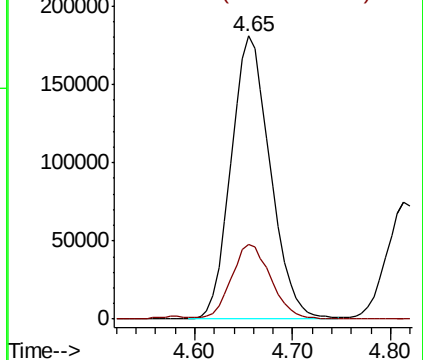
43 100

72 26.1 21.3 31.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 99.095 ug/l

RT: 4.56 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX012014.D

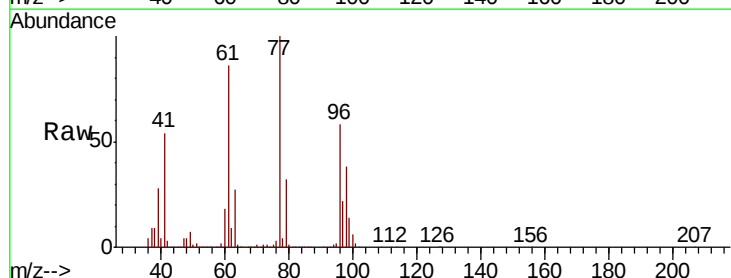
Acq: 02 Sep 2019 14:15

Tgt Ion: 77 Resp: 474324

Ion Ratio Lower Upper

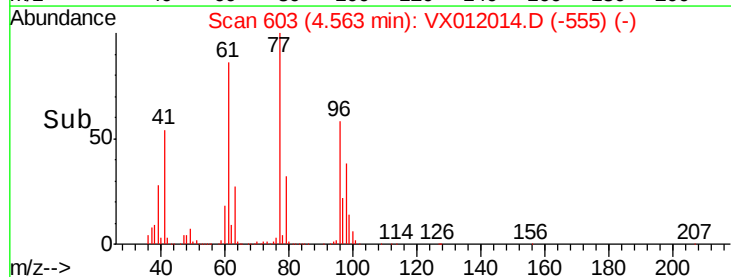
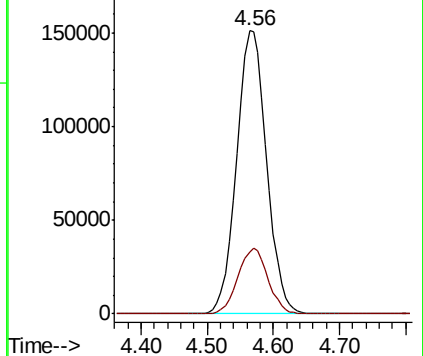
77 100

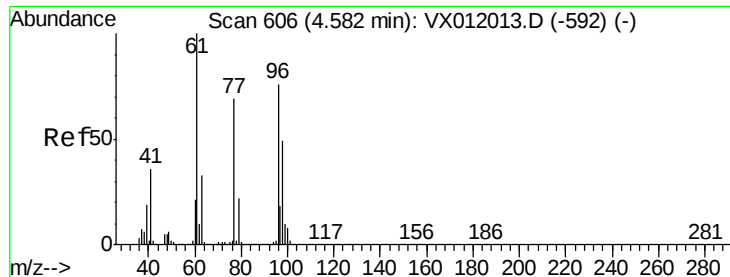
97 23.3 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



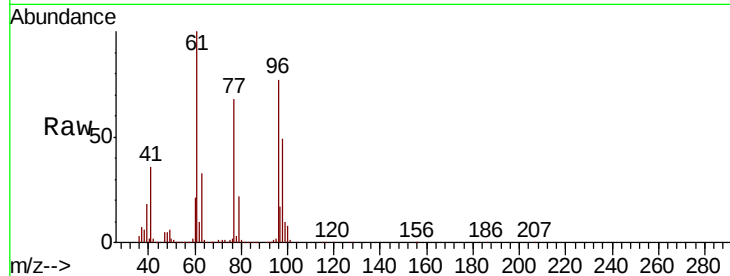


#27

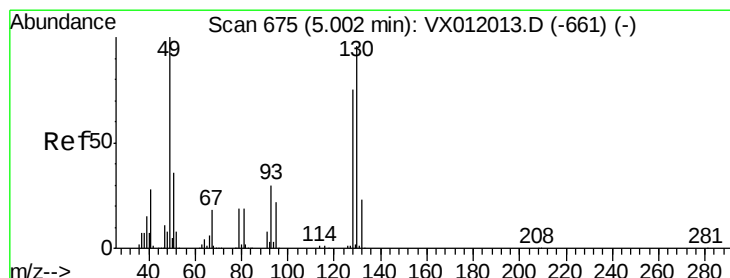
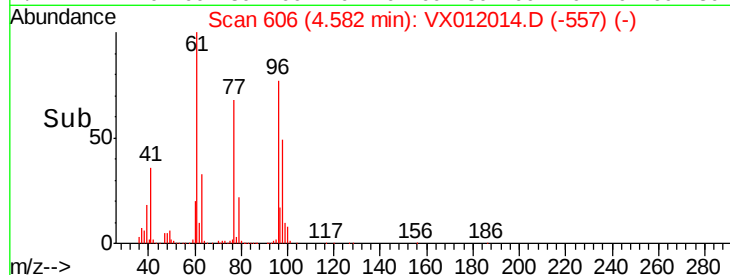
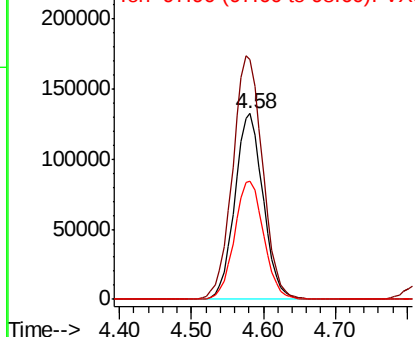
cis-1,2-Dichloroethene
Concen: 97.680 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.00 min
Lab File: VX012014.D
Acq: 02 Sep 2019 14:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 96 Resp: 362732
Ion Ratio Lower Upper
96 100
61 138.9 0.0 277.0
98 65.5 0.0 128.4



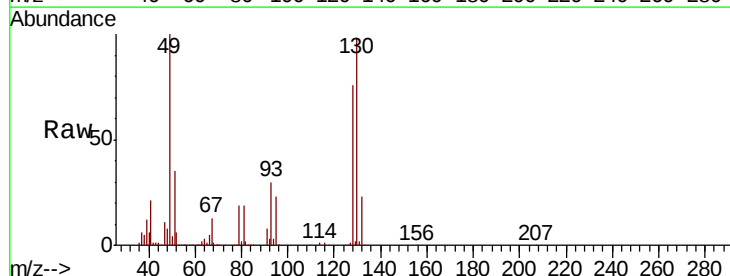
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



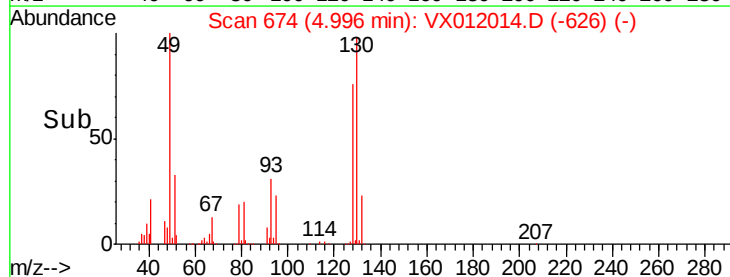
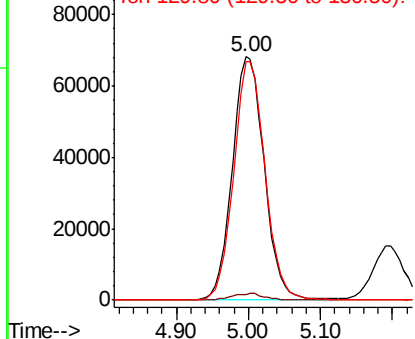
#28

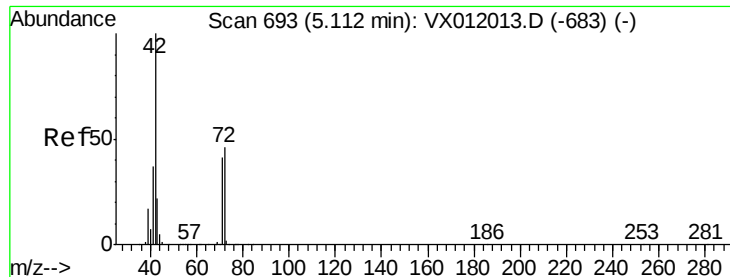
Bromochloromethane
Concen: 84.959 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX012014.D
Acq: 02 Sep 2019 14:15

Tgt Ion: 49 Resp: 210380
Ion Ratio Lower Upper
49 100
129 2.6 0.0 5.6
130 96.0 76.7 115.1



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





#29

Tetrahydrofuran

Concen: 438.694 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.00 min

Lab File: VX012014.D

Acq: 02 Sep 2019 14:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

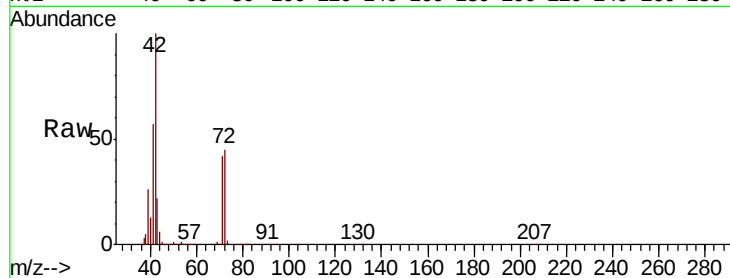
Tgt Ion: 42 Resp: 307761

Ion Ratio Lower Upper

42 100

72 46.9 37.0 55.4

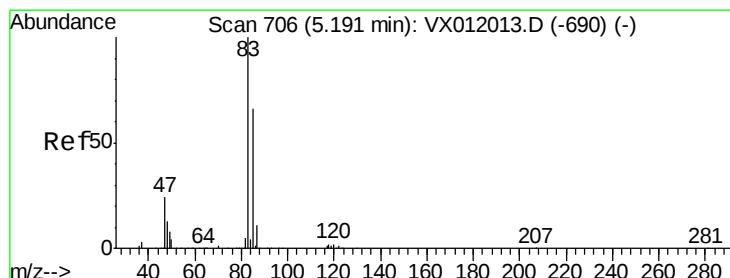
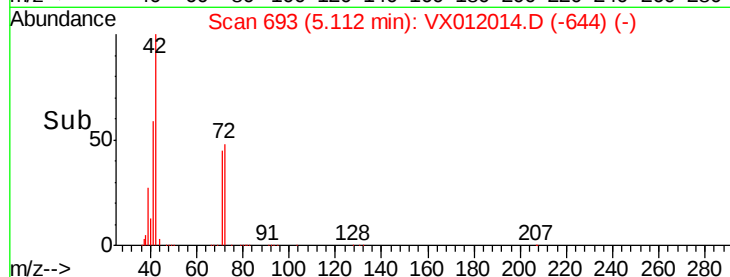
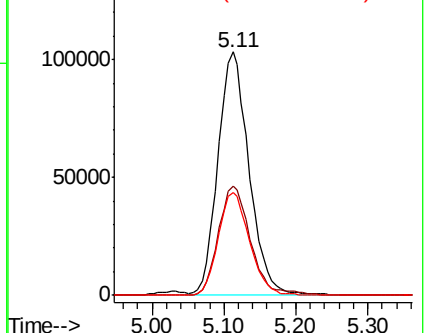
71 42.6 33.8 50.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 95.441 ug/l

RT: 5.19 min Scan# 706

Delta R.T. -0.00 min

Lab File: VX012014.D

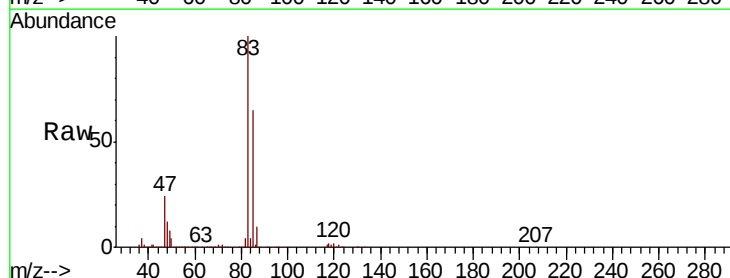
Acq: 02 Sep 2019 14:15

Tgt Ion: 83 Resp: 575384

Ion Ratio Lower Upper

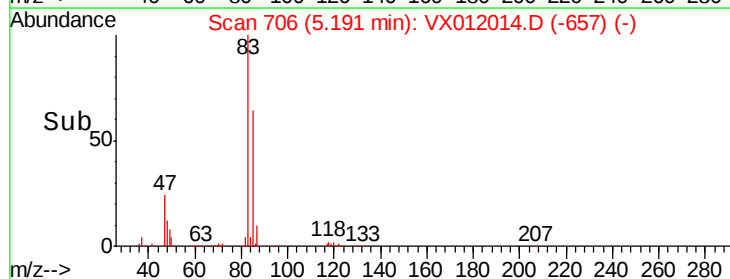
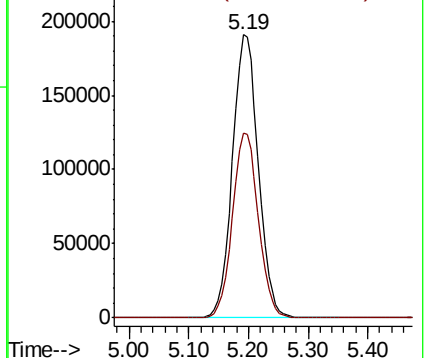
83 100

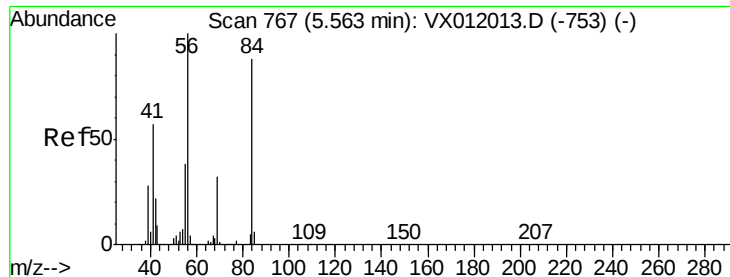
85 65.3 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

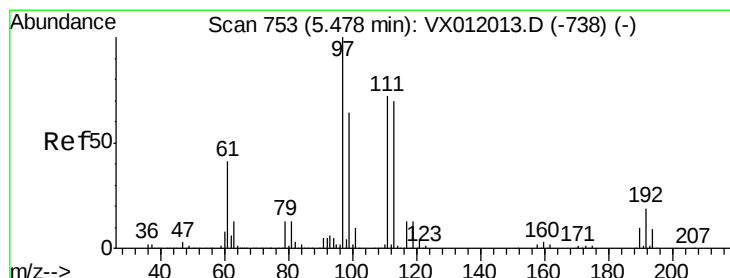
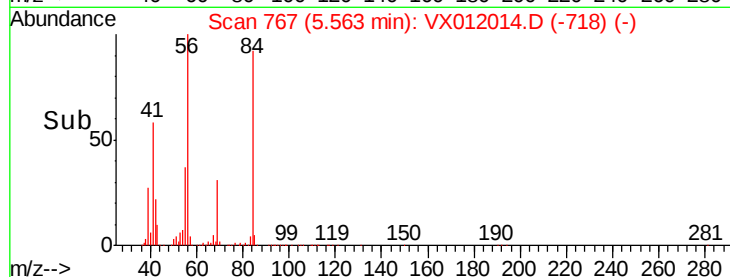
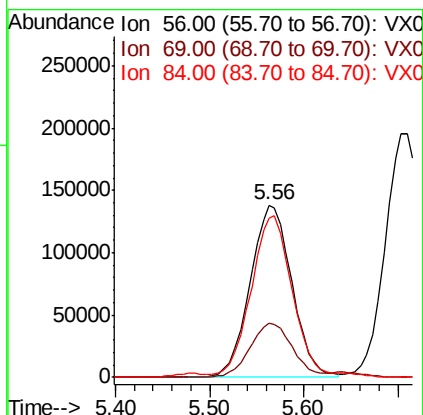
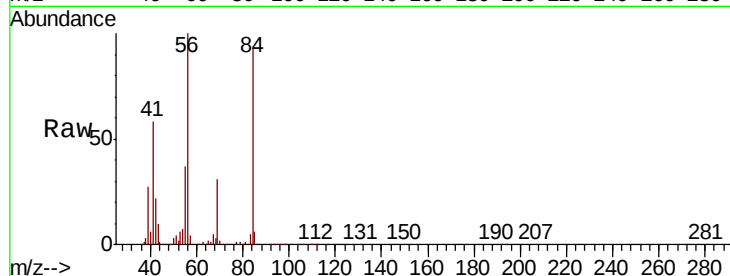




#31
Cyclohexane
Concen: 92.925 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.00 min
Lab File: VX012014.D
Acq: 02 Sep 2019 14:15

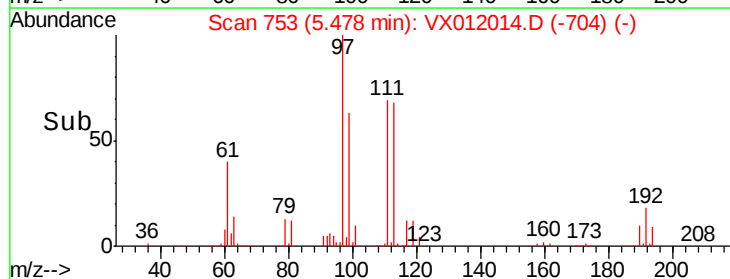
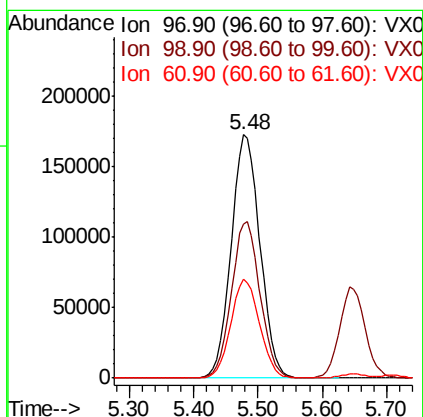
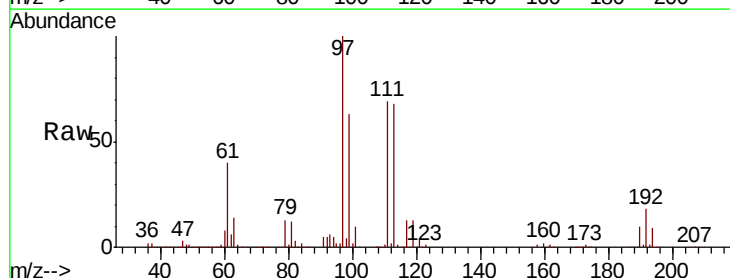
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

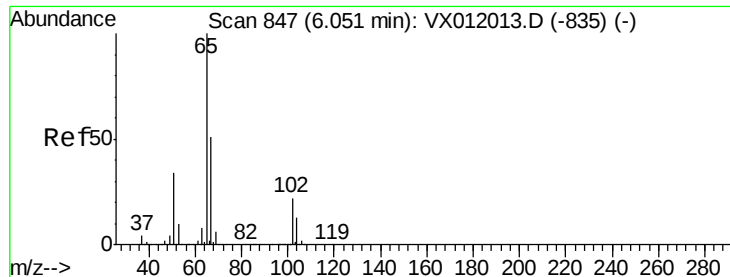
Tgt Ion: 56 Resp: 426698
Ion Ratio Lower Upper
56 100
69 31.4 25.7 38.5
84 90.4 70.3 105.5



#32
1,1,1-Trichloroethane
Concen: 99.299 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.00 min
Lab File: VX012014.D
Acq: 02 Sep 2019 14:15

Tgt Ion: 97 Resp: 536727
Ion Ratio Lower Upper
97 100
99 64.0 52.1 78.1
61 40.5 32.8 49.2





#33

1,2-Dichloroethane-d4

Concen: 95.656 ug/l

RT: 6.04 min Scan# 846

Delta R.T. -0.01 min

Lab File: VX012014.D

Acq: 02 Sep 2019 14:15

Instrument :

MSVOA_X

ClientSampleId :

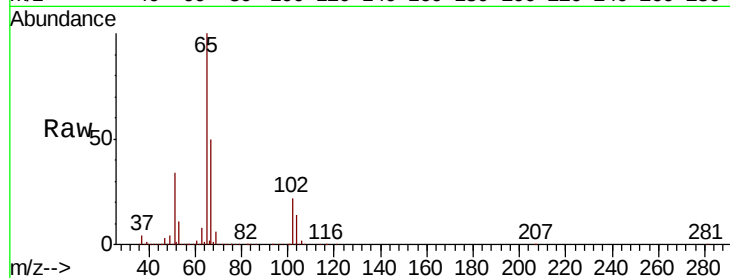
VSTDIC100

Tgt Ion: 65 Resp: 352739

Ion Ratio Lower Upper

65 100

67 50.7 0.0 102.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.04

150000

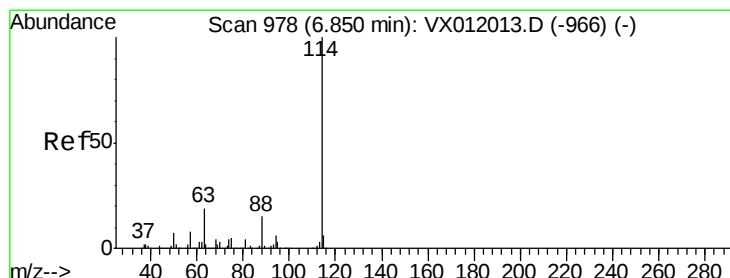
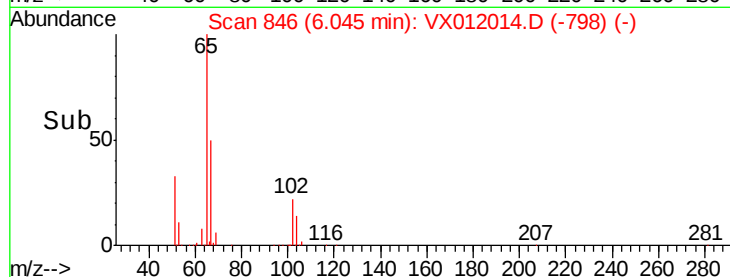
100000

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: VX012014.D

Acq: 02 Sep 2019 14:15

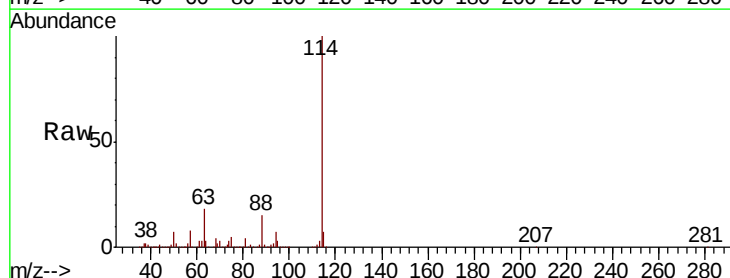
Tgt Ion: 114 Resp: 522423

Ion Ratio Lower Upper

114 100

63 18.0 0.0 37.4

88 15.0 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

300000

250000

200000

150000

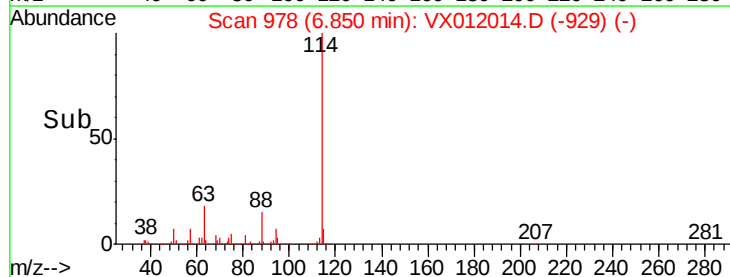
100000

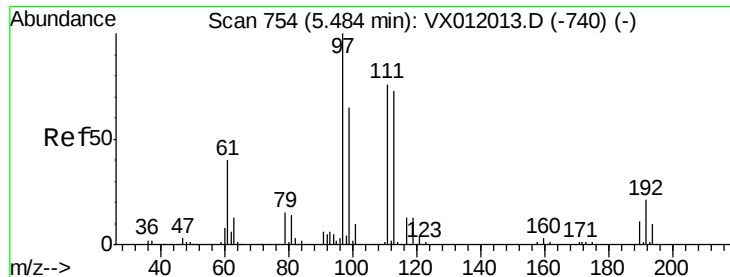
50000

0

Time-->

6.70 6.80 6.90 7.00

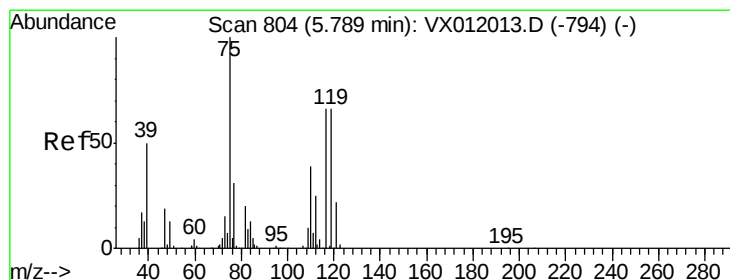
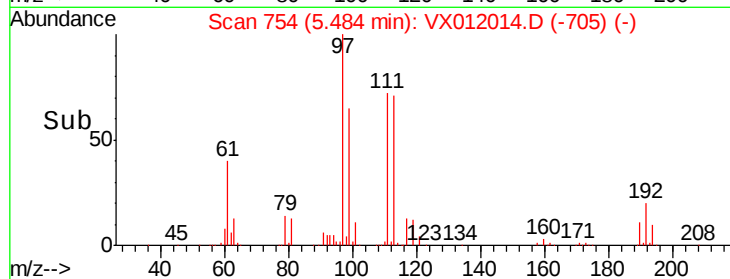
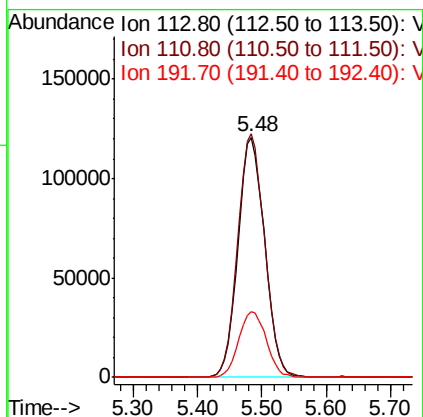
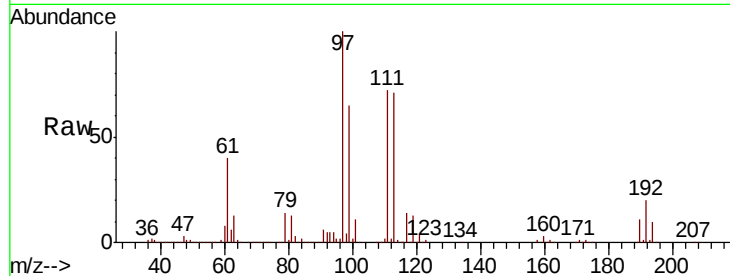




#35
 Dibromofluoromethane
 Concen: 102.451 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: VX012014.D
 Acq: 02 Sep 2019 14:15

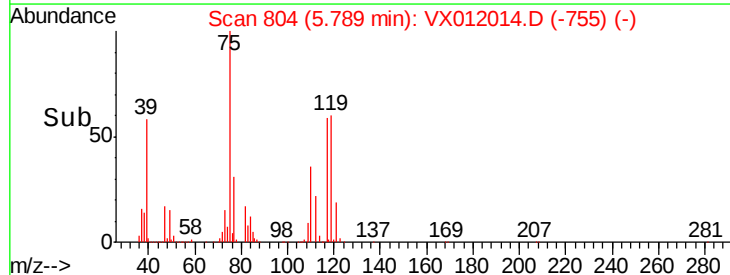
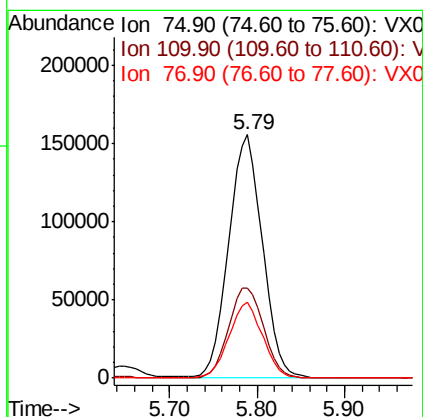
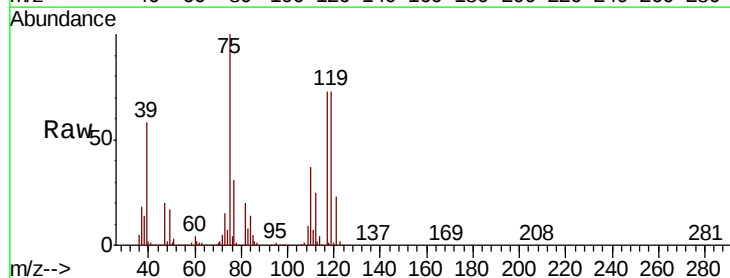
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

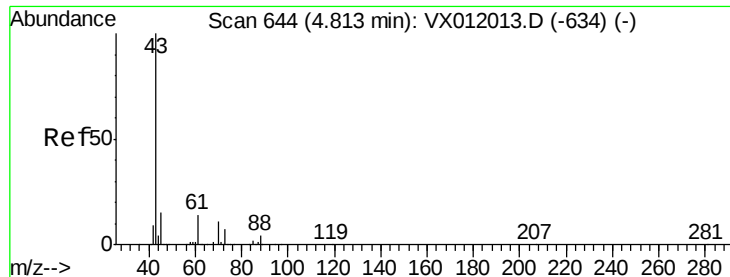
Tgt Ion:113 Resp: 345606
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.7 122.5
 192 28.3 22.5 33.7



#36
 1,1-Dichloropropene
 Concen: 100.314 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: VX012014.D
 Acq: 02 Sep 2019 14:15

Tgt Ion: 75 Resp: 414834
 Ion Ratio Lower Upper
 75 100
 110 38.8 19.5 58.5
 77 30.9 24.6 37.0

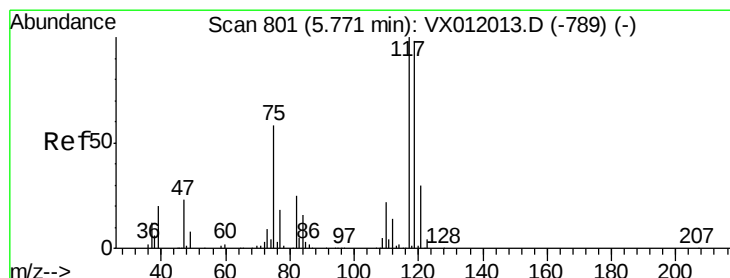
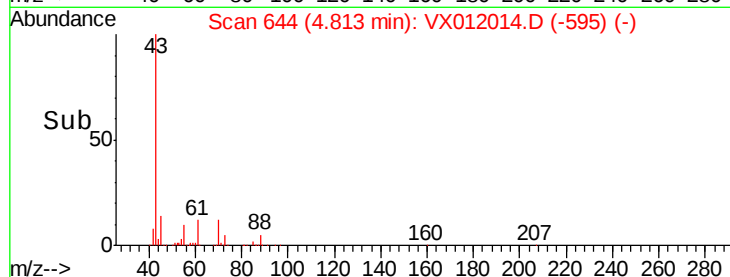
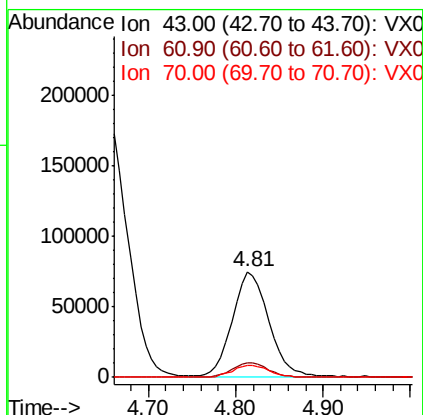
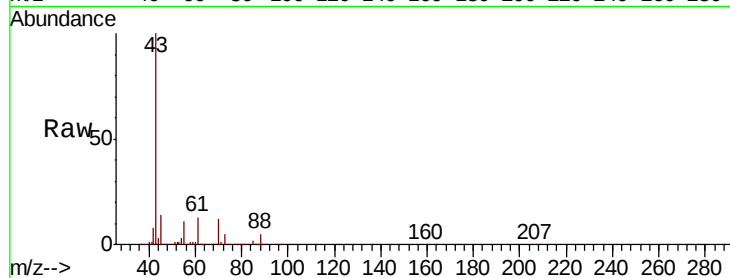




#37
 Ethyl Acetate
 Concen: 90.399 ug/l
 RT: 4.81 min Scan# 644
 Delta R.T. -0.00 min
 Lab File: VX012014.D
 Acq: 02 Sep 2019 14:15

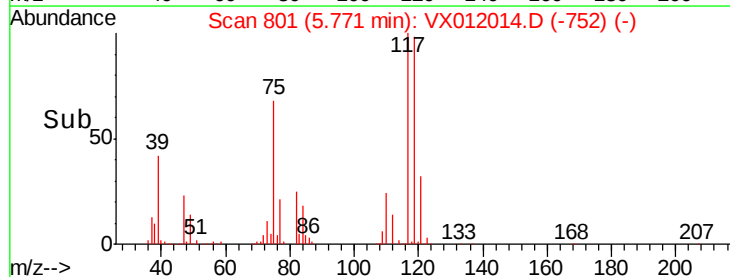
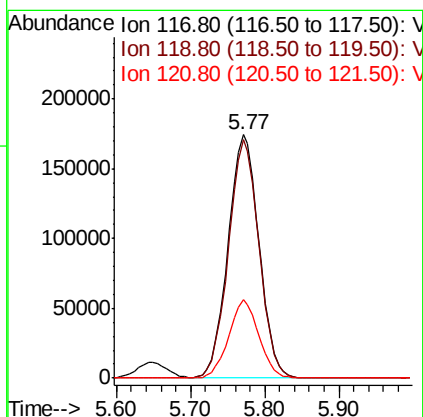
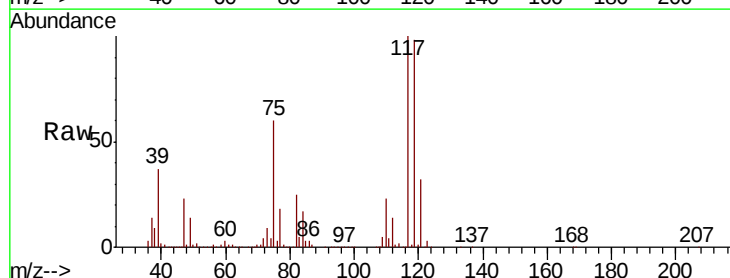
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

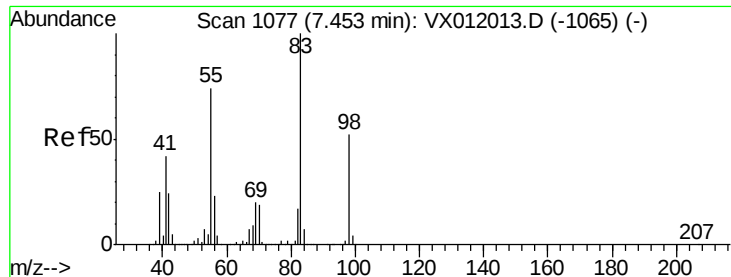
Tgt Ion: 43 Resp: 215378
 Ion Ratio Lower Upper
 43 100
 61 13.5 10.9 16.3
 70 11.8 9.4 14.0



#38
 Carbon Tetrachloride
 Concen: 104.659 ug/l
 RT: 5.77 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: VX012014.D
 Acq: 02 Sep 2019 14:15

Tgt Ion: 117 Resp: 505660
 Ion Ratio Lower Upper
 117 100
 119 98.2 78.3 117.5
 121 32.0 24.2 36.2

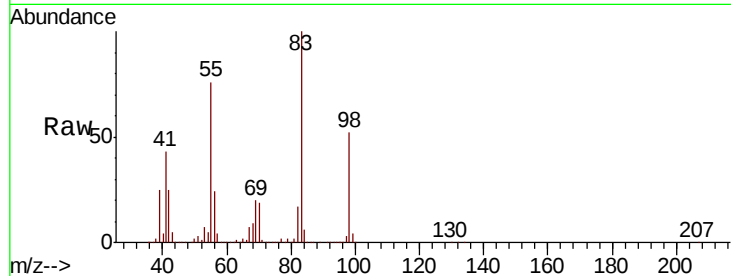




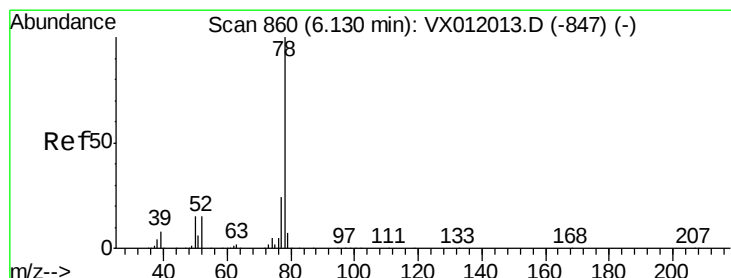
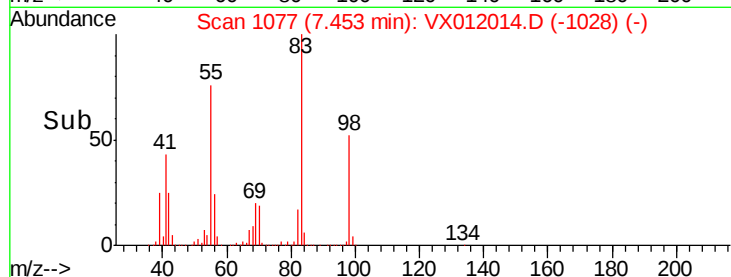
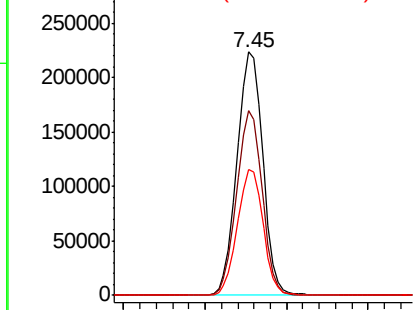
#39
Methylcyclohexane
Concen: 98.911 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VX012014.D
Acq: 02 Sep 2019 14:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion	Ratio	Lower	Upper
83	100		
55	76.1	59.6	89.4
98	51.7	41.4	62.0

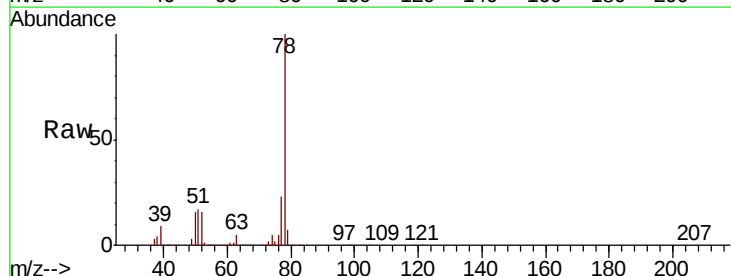


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

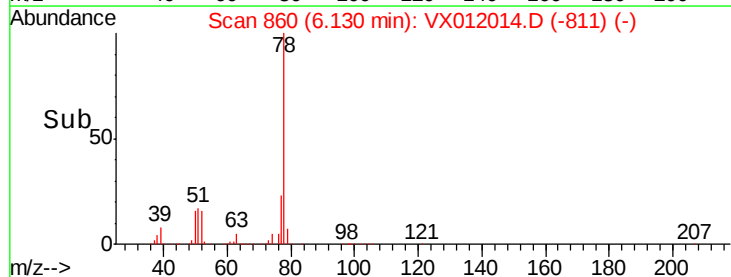
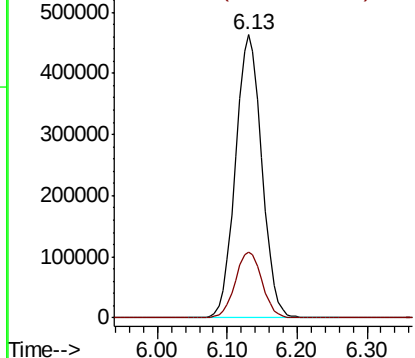


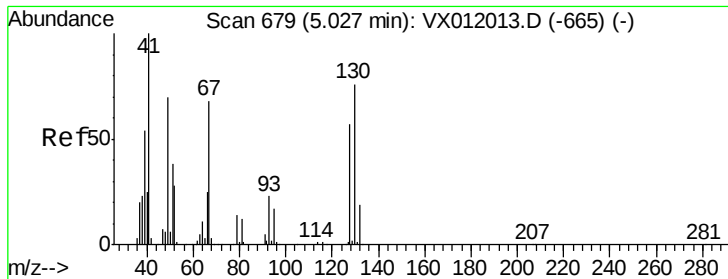
#40
Benzene
Concen: 98.839 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX012014.D
Acq: 02 Sep 2019 14:15

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.3	28.9



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

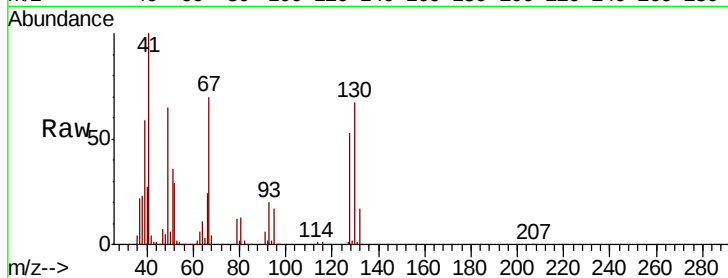




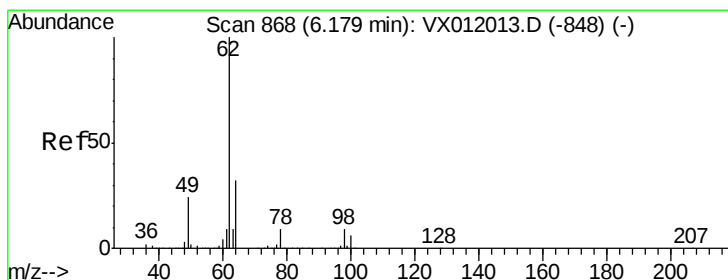
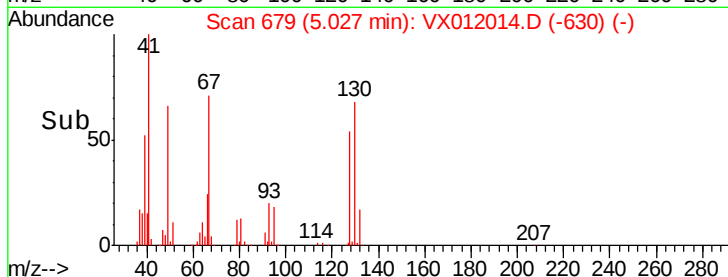
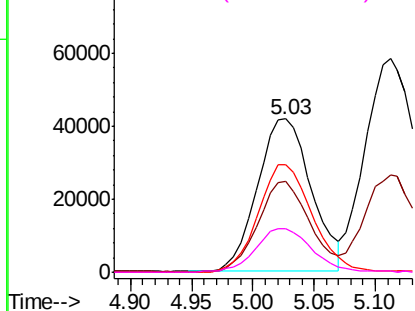
#41
Methacrylonitrile
Concen: 91.332 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.00 min
Lab File: VX012014.D
Acq: 02 Sep 2019 14:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:	41	Resp:	128608
Ion	Ratio	Lower	Upper
41	100		
39	56.6	46.7	70.1
67	70.3	57.0	85.6
52	29.6	23.5	35.3

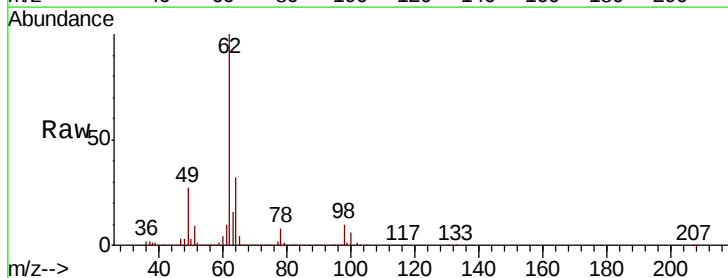


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

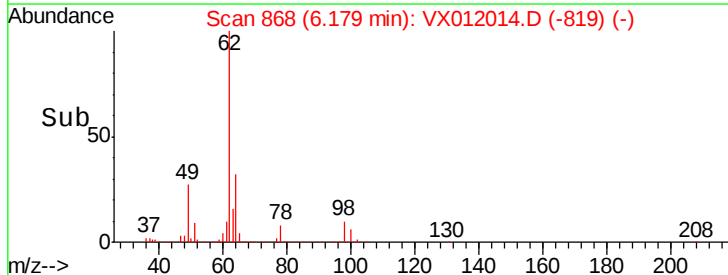
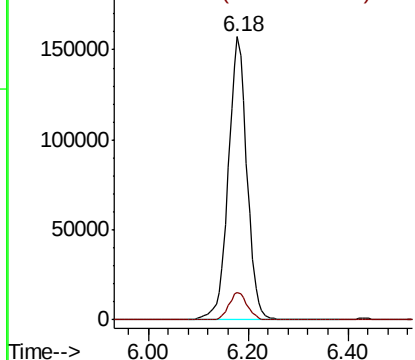


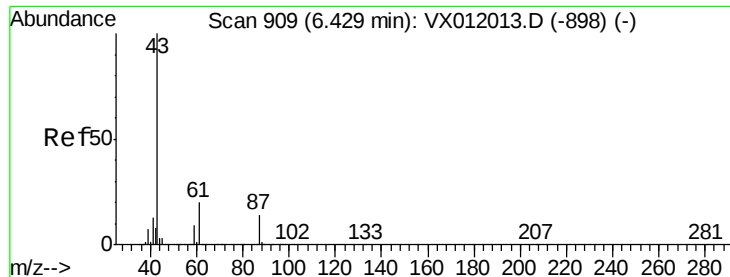
#42
1,2-Dichloroethane
Concen: 98.375 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX012014.D
Acq: 02 Sep 2019 14:15

Tgt Ion:	62	Resp:	408225
Ion	Ratio	Lower	Upper
62	100		
98	9.7	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: 91.965 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.00 min

Lab File: VX012014.D

Acq: 02 Sep 2019 14:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

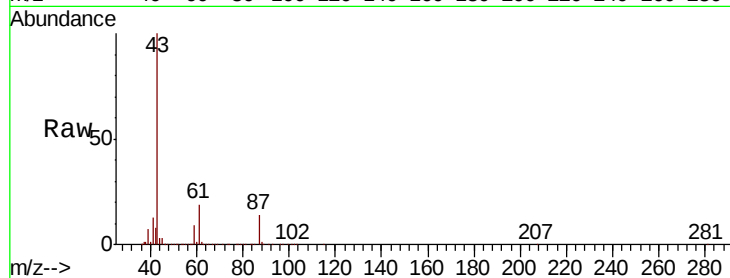
Tgt Ion: 43 Resp: 445257

Ion Ratio Lower Upper

43 100

61 19.9 16.1 24.1

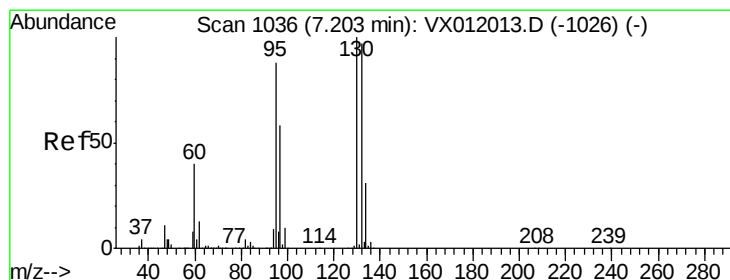
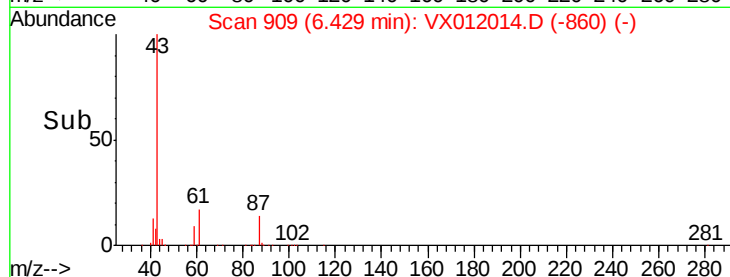
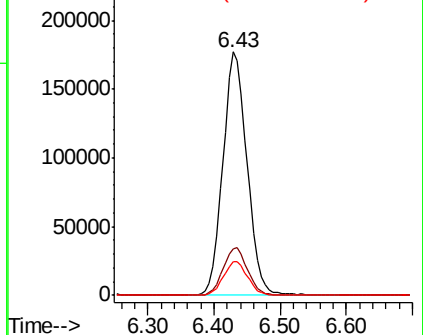
87 13.9 11.3 16.9



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: 103.681 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.00 min

Lab File: VX012014.D

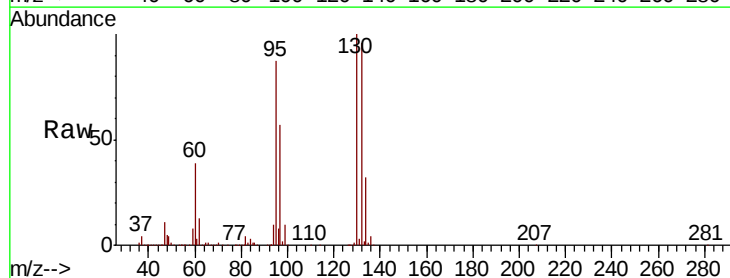
Acq: 02 Sep 2019 14:15

Tgt Ion: 130 Resp: 397428

Ion Ratio Lower Upper

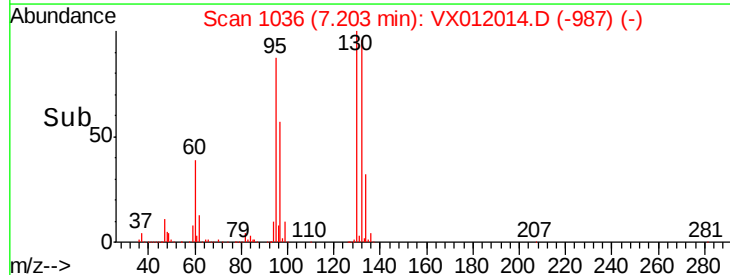
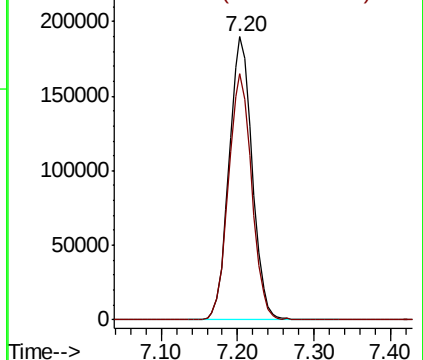
130 100

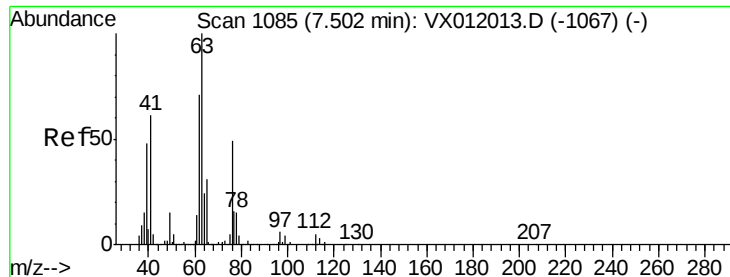
95 87.1 0.0 176.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 95.027 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.01 min

Lab File: VX012014.D

Acq: 02 Sep 2019 14:15

Instrument :

MSVOA_X

ClientSampleId :

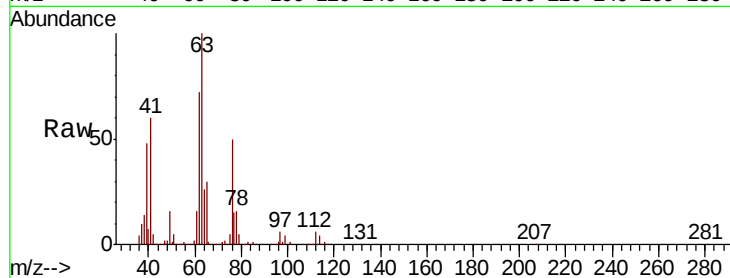
VSTDIC100

Tgt Ion: 63 Resp: 302116

Ion Ratio Lower Upper

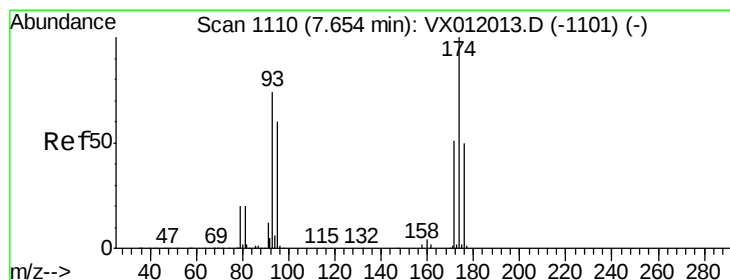
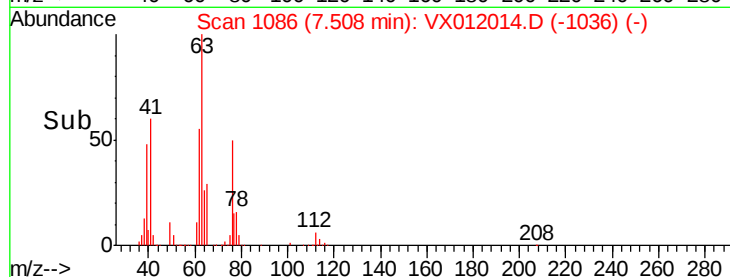
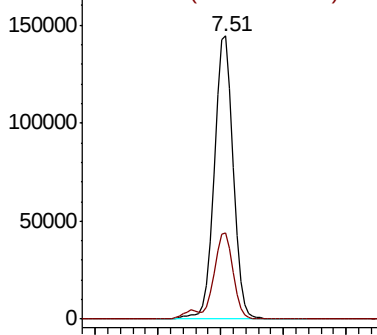
63 100

65 30.4 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 97.830 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX012014.D

Acq: 02 Sep 2019 14:15

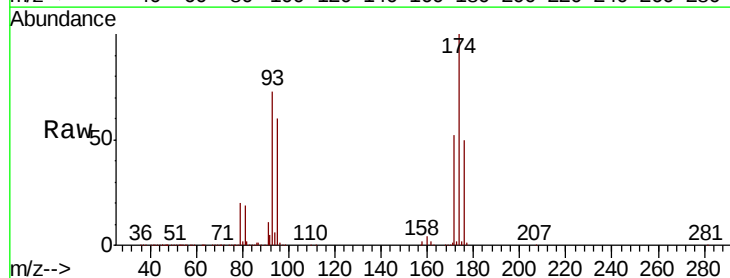
Tgt Ion: 93 Resp: 185418

Ion Ratio Lower Upper

93 100

95 83.0 66.2 99.2

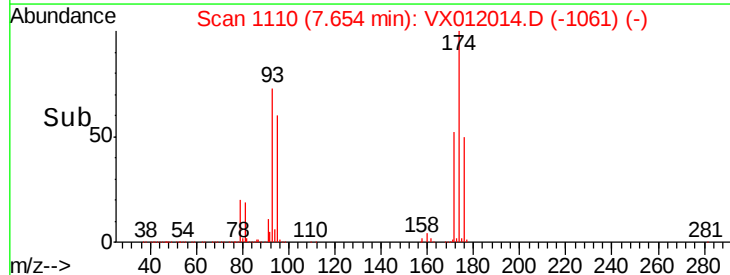
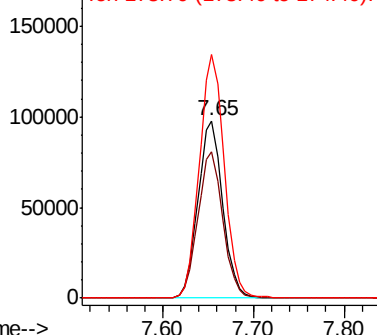
174 138.5 110.2 165.4

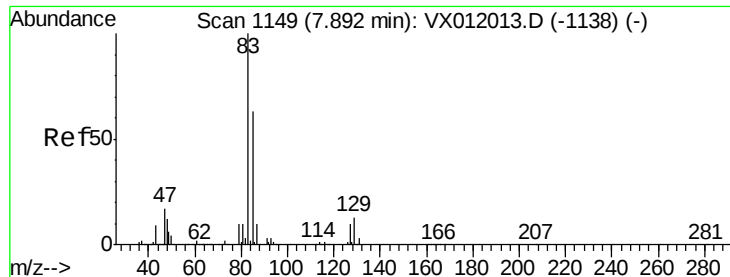


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 98.869 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX012014.D

Acq: 02 Sep 2019 14:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

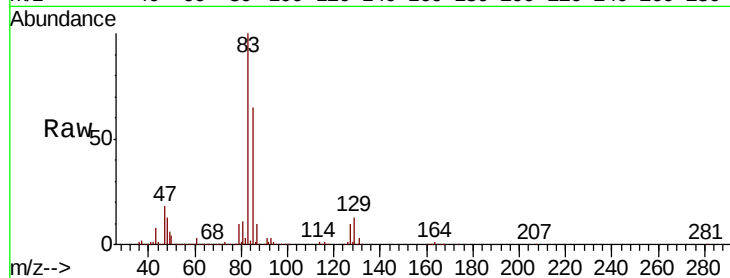
Tgt Ion: 83 Resp: 463910

Ion Ratio Lower Upper

83 100

85 65.1 50.3 75.5

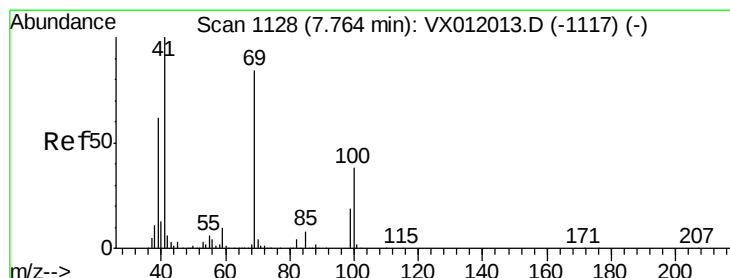
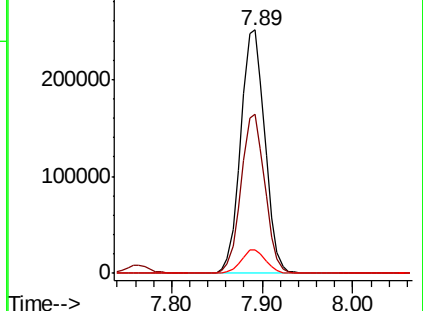
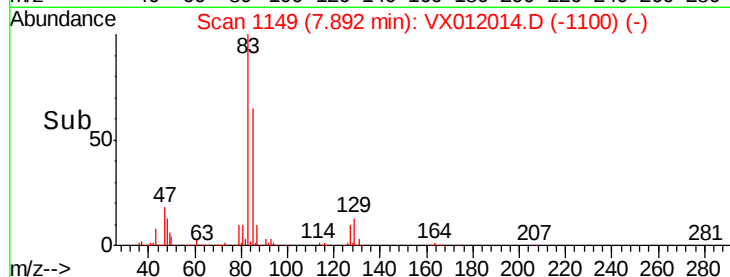
127 9.9 8.1 12.1



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: 93.862 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX012014.D

Acq: 02 Sep 2019 14:15

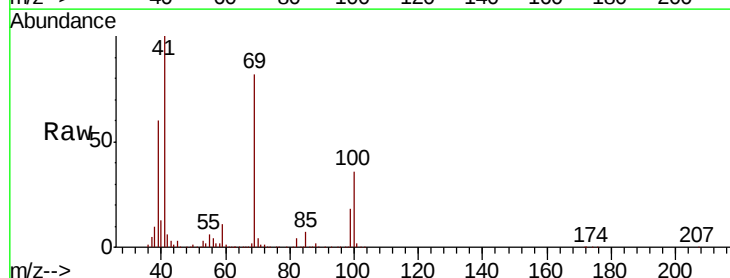
Tgt Ion: 41 Resp: 221108

Ion Ratio Lower Upper

41 100

69 82.0 66.3 99.5

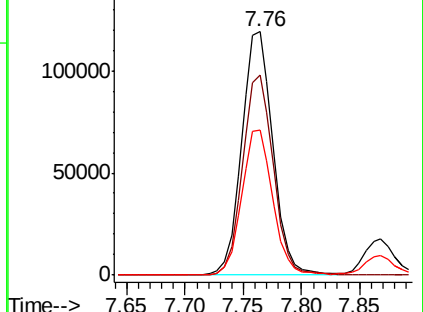
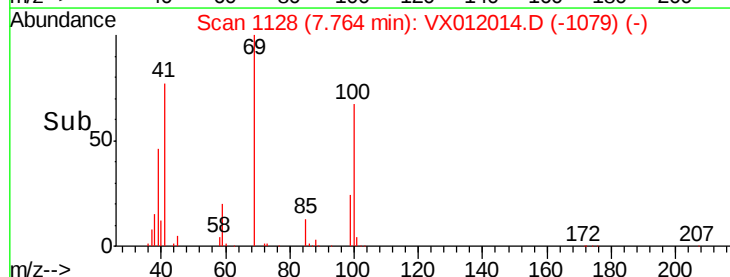
39 59.3 48.1 72.1

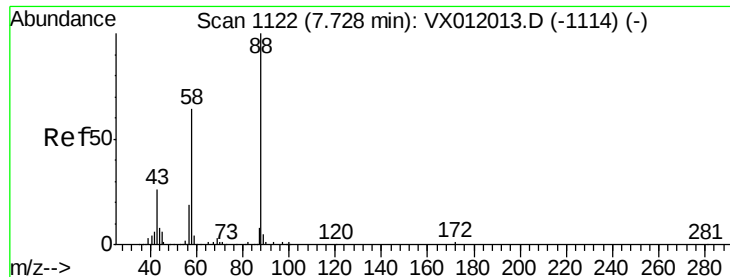


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

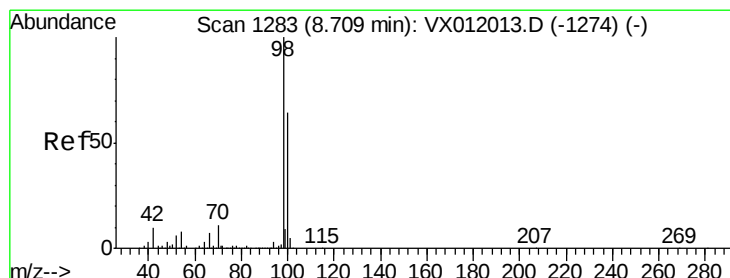
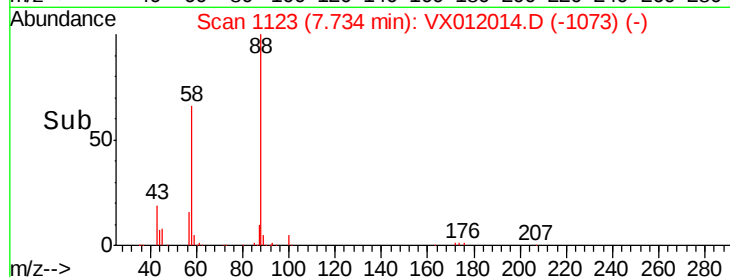
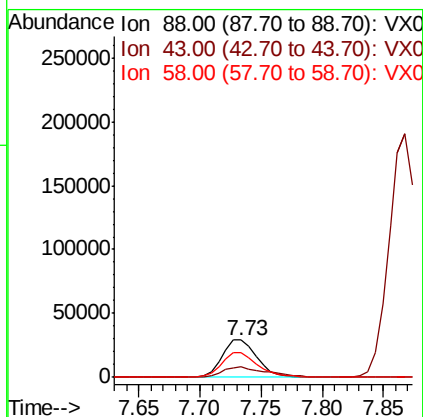
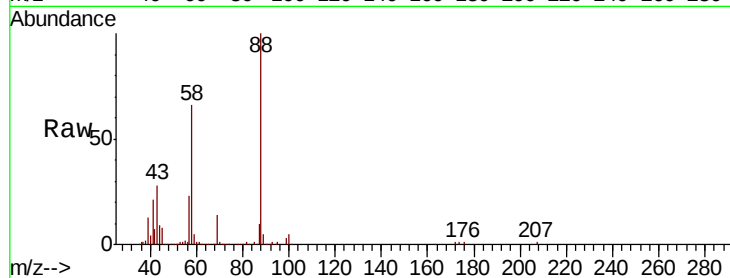




#49
 1,4-Dioxane
 Concen: 1805.092 ug/l
 RT: 7.73 min Scan# 1123
 Delta R.T. 0.01 min
 Lab File: VX012014.D
 Acq: 02 Sep 2019 14:15

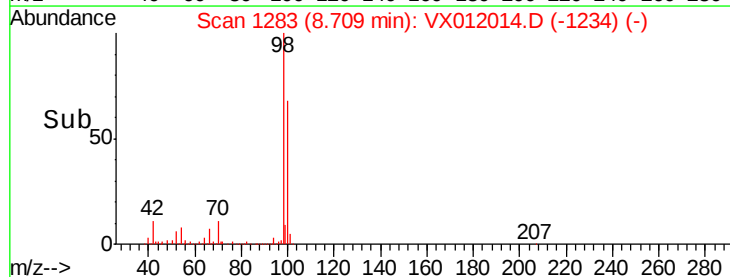
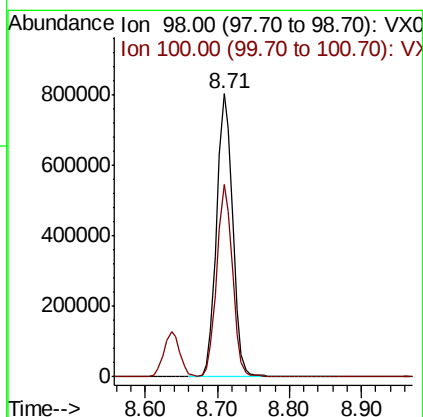
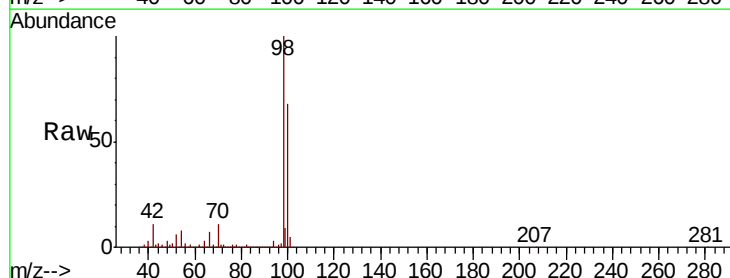
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

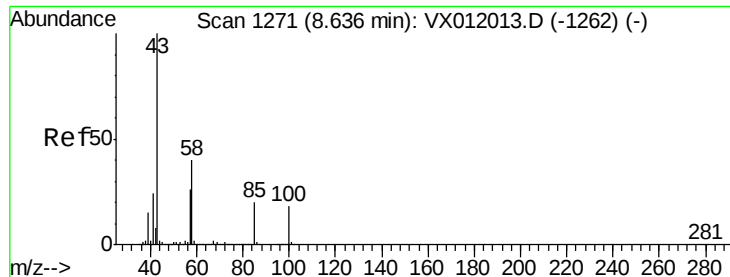
Tgt Ion: 88 Resp: 58160
 Ion Ratio Lower Upper
 88 100
 43 35.1 29.8 44.6
 58 68.4 55.4 83.2



#50
 Toluene-d8
 Concen: 102.786 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: VX012014.D
 Acq: 02 Sep 2019 14:15

Tgt Ion: 98 Resp: 1239583
 Ion Ratio Lower Upper
 98 100
 100 66.7 53.3 79.9

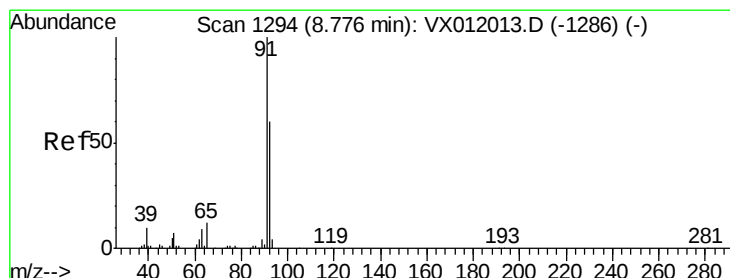
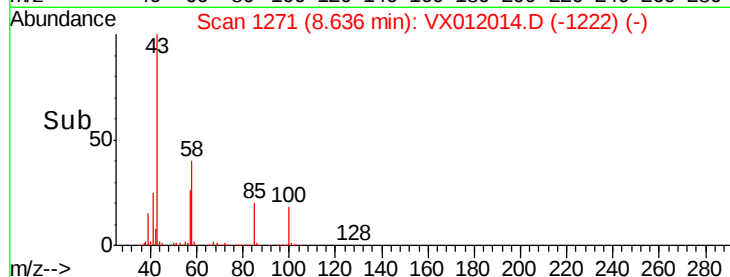
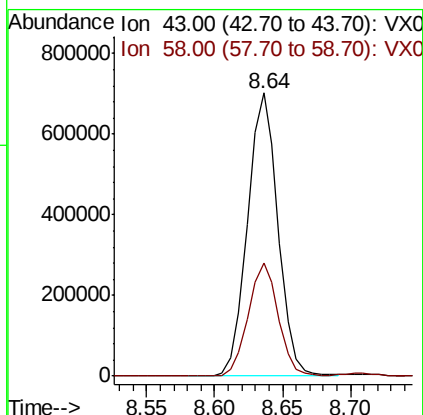
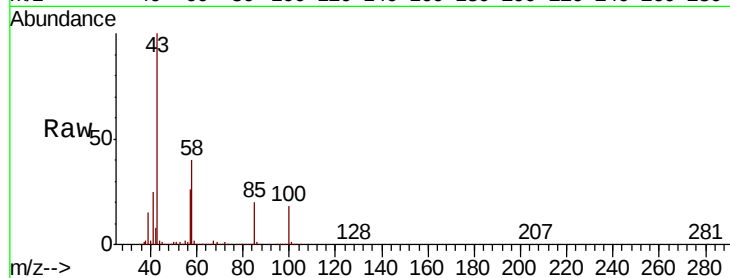




#51
 4-Methyl-2-Pentanone
 Concen: 448.732 ug/l
 RT: 8.64 min Scan# 1271
 Delta R.T. -0.00 min
 Lab File: VX012014.D
 Acq: 02 Sep 2019 14:15

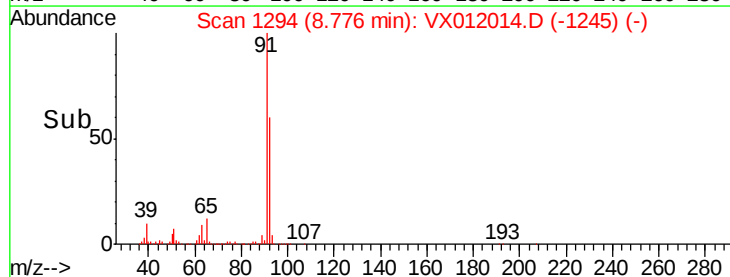
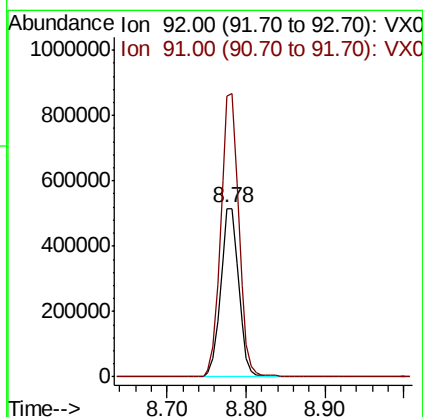
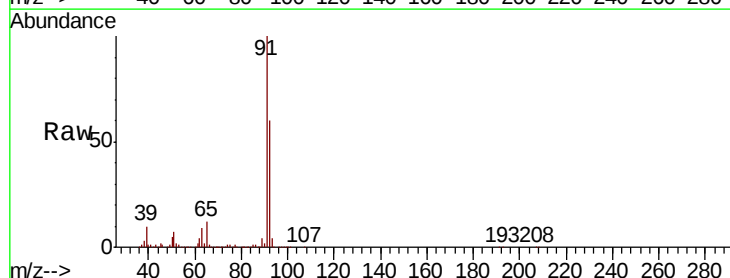
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

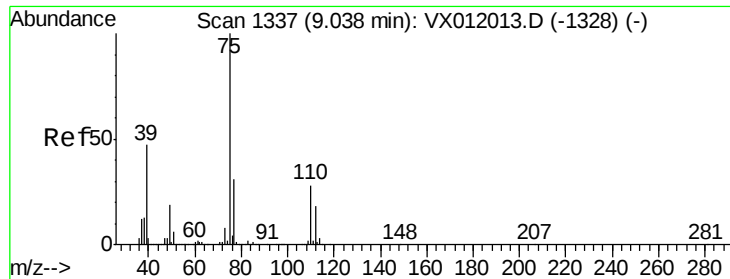
Tgt Ion: 43 Resp: 1101583
 Ion Ratio Lower Upper
 43 100
 58 39.4 31.5 47.3



#52
 Toluene
 Concen: 100.971 ug/l
 RT: 8.78 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX012014.D
 Acq: 02 Sep 2019 14:15

Tgt Ion: 92 Resp: 819984
 Ion Ratio Lower Upper
 92 100
 91 168.4 136.0 204.0





#53

t-1,3-Dichloropropene

Concen: 98.151 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX012014.D

Acq: 02 Sep 2019 14:15

Instrument :

MSVOA_X

ClientSampleId :

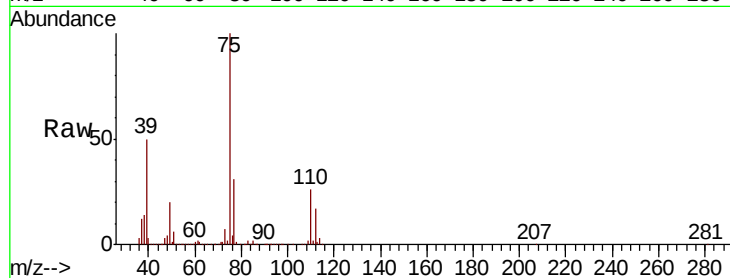
VSTDIC100

Tgt Ion: 75 Resp: 471597

Ion Ratio Lower Upper

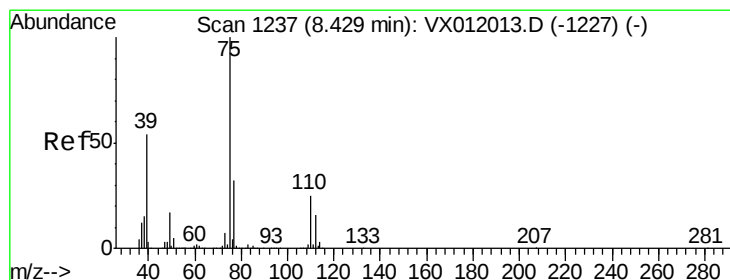
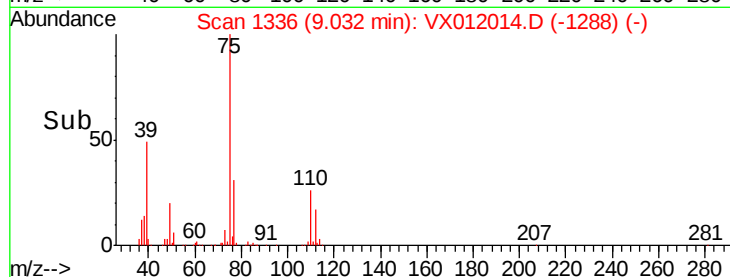
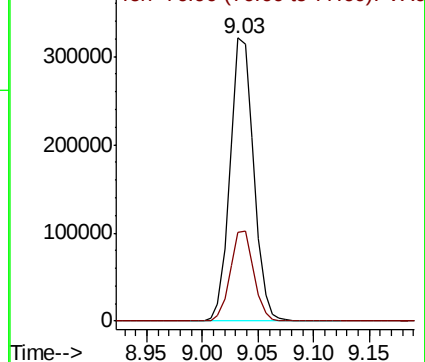
75 100

77 31.3 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: 97.734 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX012014.D

Acq: 02 Sep 2019 14:15

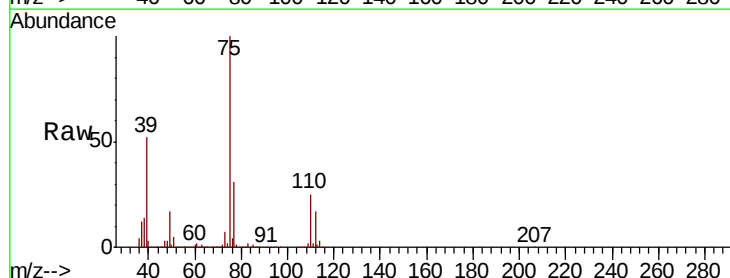
Tgt Ion: 75 Resp: 527060

Ion Ratio Lower Upper

75 100

77 30.9 25.5 38.3

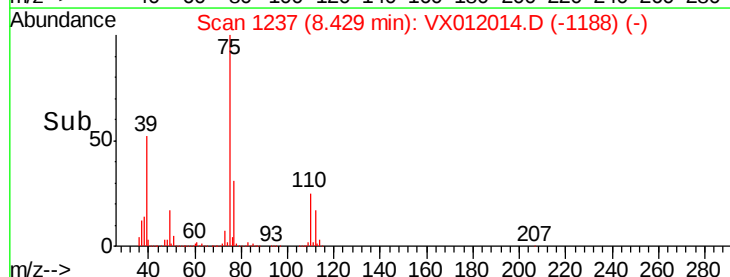
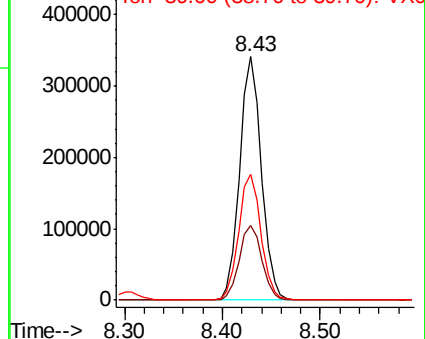
39 51.6 43.0 64.4

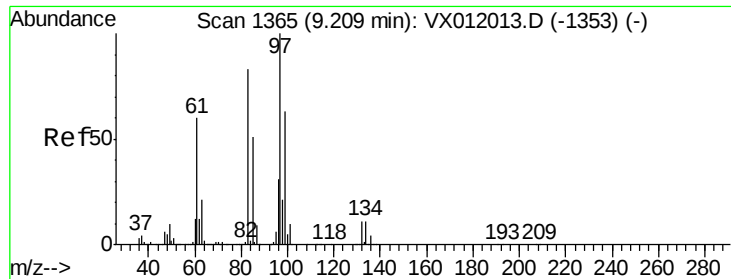


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

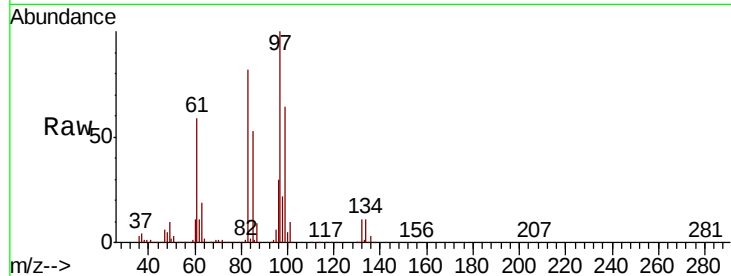




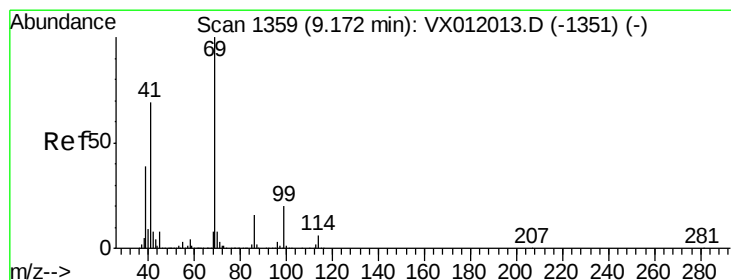
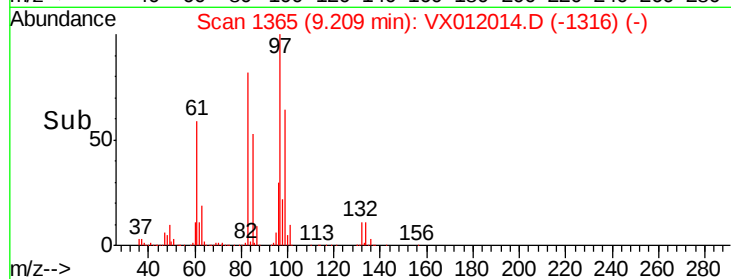
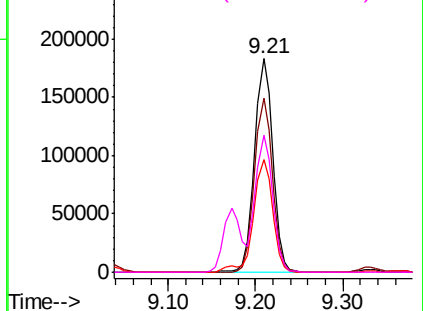
#55
 1,1,2-Trichloroethane
 Concen: 95.246 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX012014.D
 Acq: 02 Sep 2019 14:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion:	97	Resp:	264109
Ion	Ratio	Lower	Upper
97	100		
83	81.6	66.0	99.0
85	52.7	41.0	61.6
99	64.2	50.6	75.8

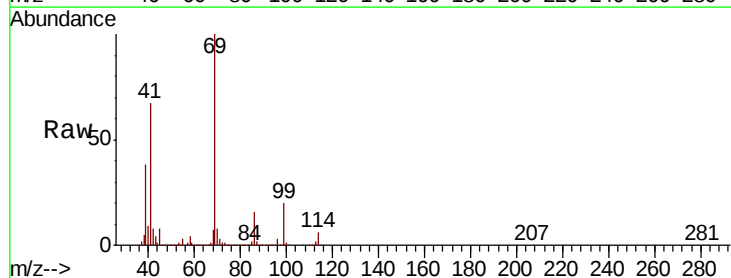


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

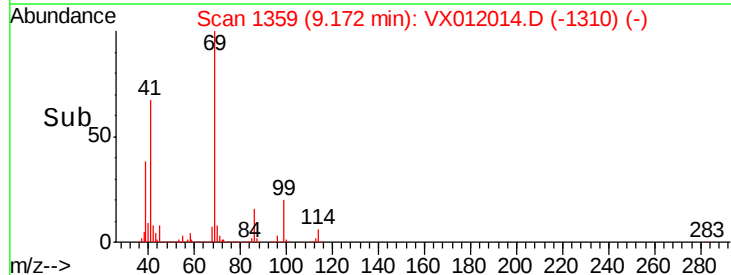
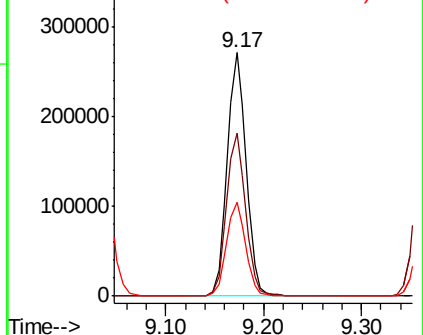


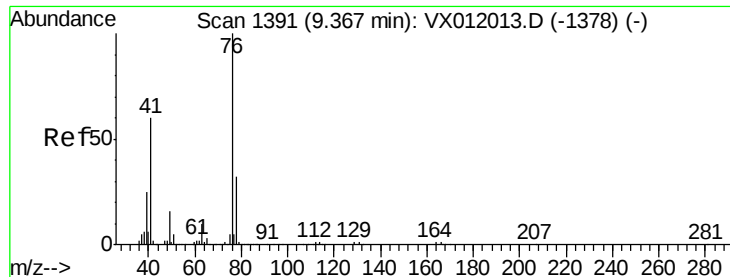
#56
 Ethyl methacrylate
 Concen: 95.551 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX012014.D
 Acq: 02 Sep 2019 14:15

Tgt Ion:	69	Resp:	365115
Ion	Ratio	Lower	Upper
69	100		
41	67.3	53.9	80.9
39	38.6	31.1	46.7



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





#57

1,3-Dichloropropane

Concen: 94.782 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX012014.D

Acq: 02 Sep 2019 14:15

Instrument :

MSVOA_X

ClientSampleId :

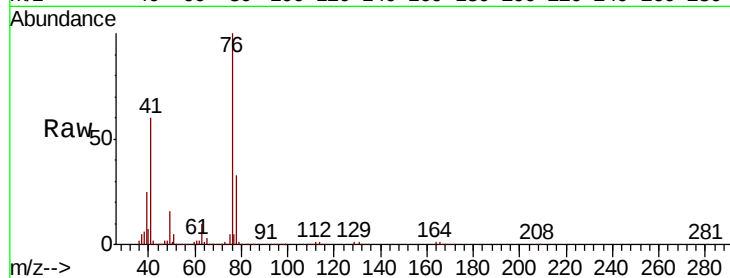
VSTDIC100

Tgt Ion: 76 Resp: 435352

Ion Ratio Lower Upper

76 100

78 32.2 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

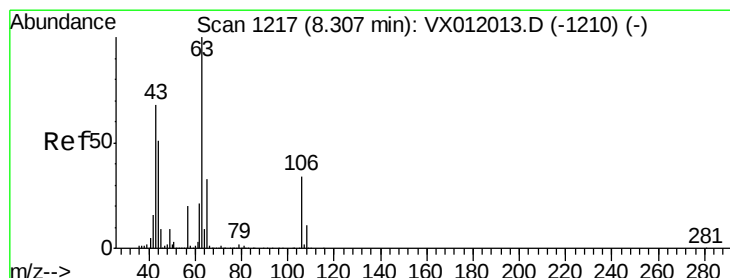
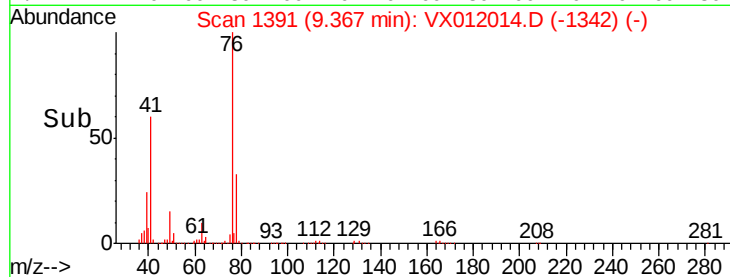
300000

200000

100000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 445.277 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX012014.D

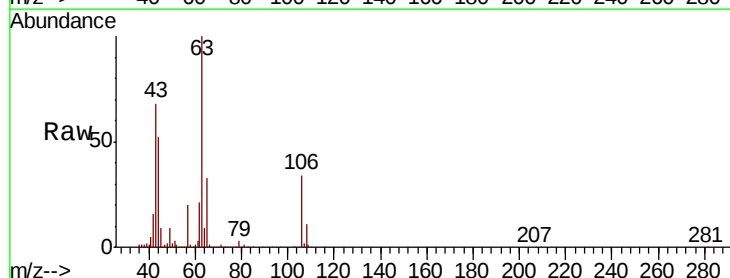
Acq: 02 Sep 2019 14:15

Tgt Ion: 63 Resp: 797632

Ion Ratio Lower Upper

63 100

106 33.3 26.5 39.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.31

500000

400000

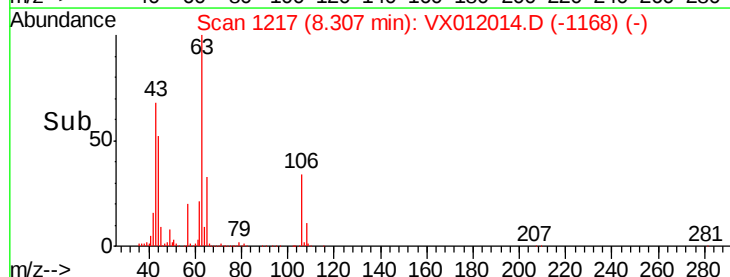
300000

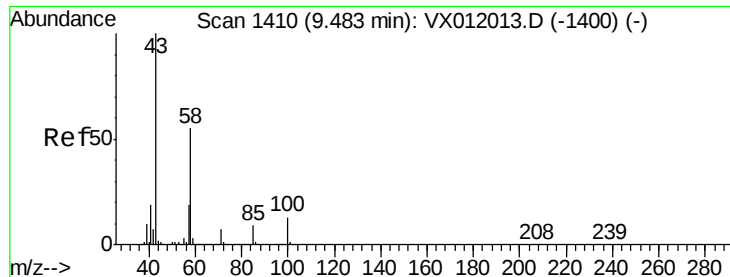
200000

100000

0

Time-->

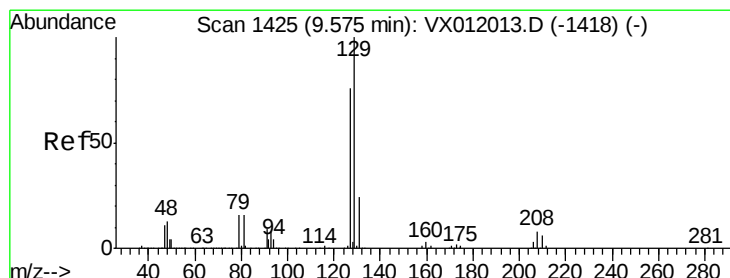
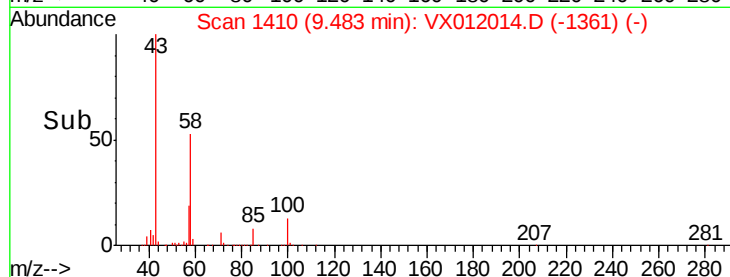
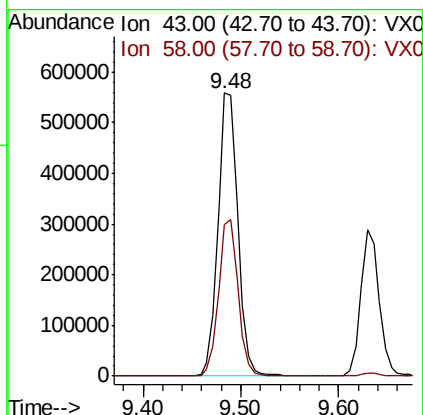
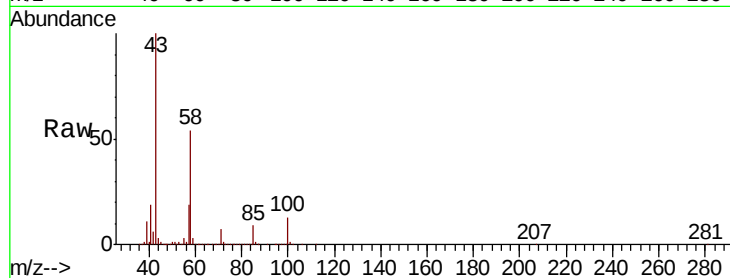




#59
2-Hexanone
Concen: 452.028 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX012014.D
Acq: 02 Sep 2019 14:15

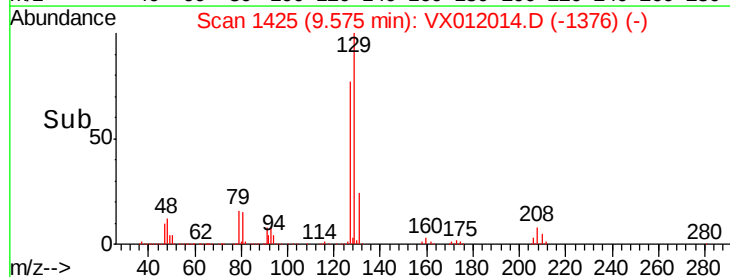
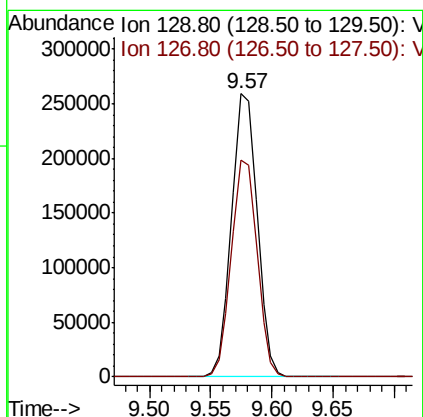
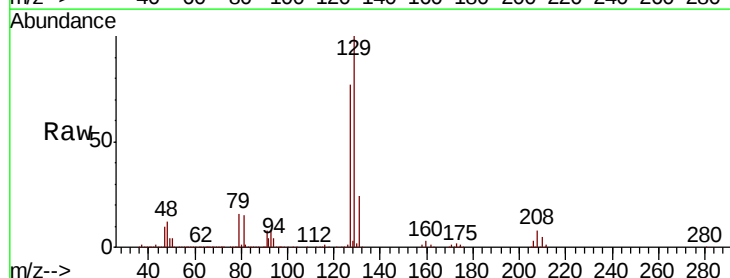
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

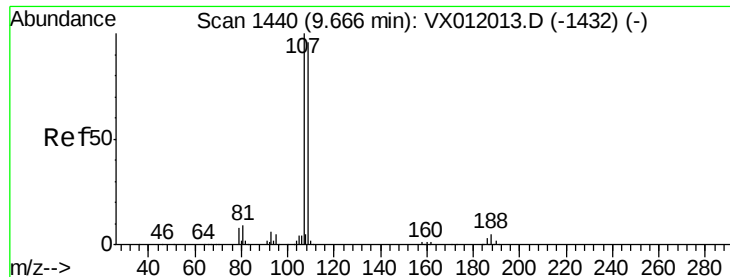
Tgt Ion: 43 Resp: 788830
Ion Ratio Lower Upper
43 100
58 54.7 27.2 81.6



#60
Dibromochloromethane
Concen: 100.939 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX012014.D
Acq: 02 Sep 2019 14:15

Tgt Ion: 129 Resp: 376867
Ion Ratio Lower Upper
129 100
127 77.2 38.1 114.5





#61

1,2-Dibromoethane

Concen: 98.564 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX012014.D

Acq: 02 Sep 2019 14:15

Instrument :

MSVOA_X

ClientSampleId :

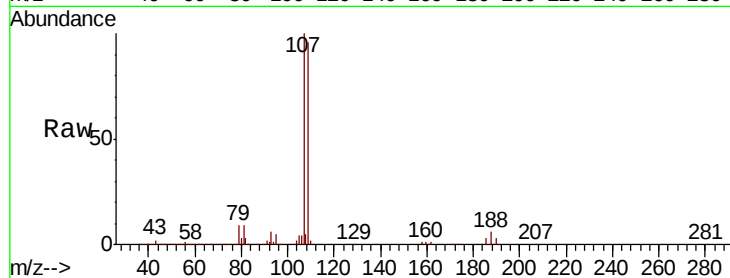
VSTDIC100

Tgt Ion: 107 Resp: 271000

Ion Ratio Lower Upper

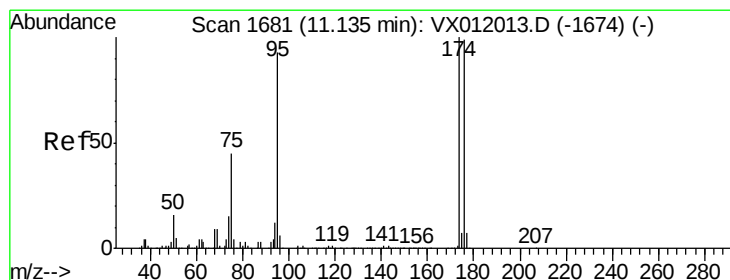
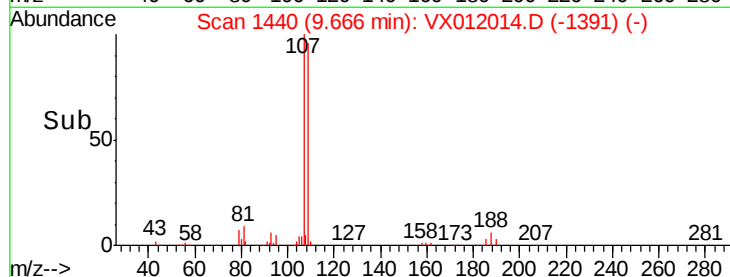
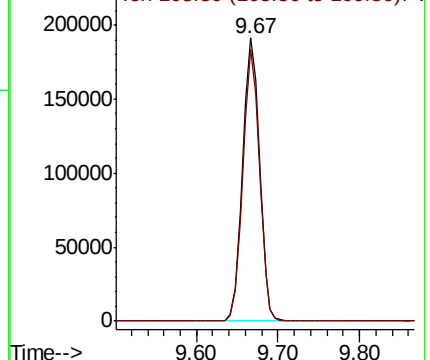
107 100

109 94.3 76.9 115.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 94.949 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012014.D

Acq: 02 Sep 2019 14:15

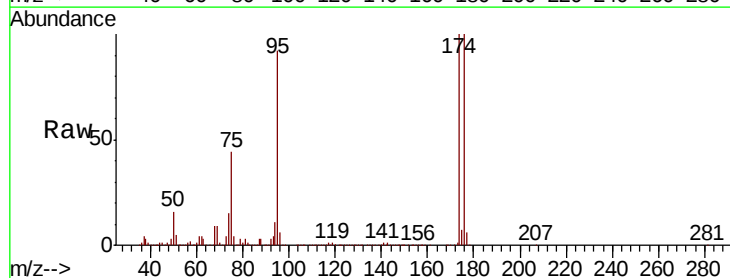
Tgt Ion: 95 Resp: 500574

Ion Ratio Lower Upper

95 100

174 103.7 0.0 205.4

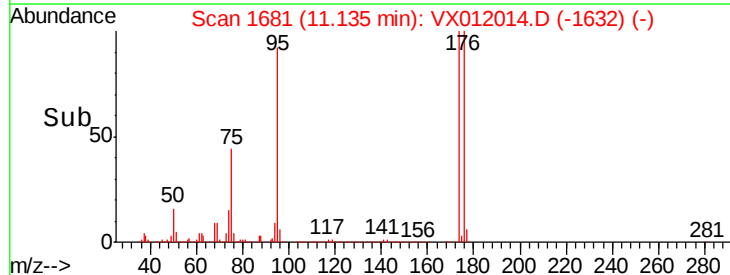
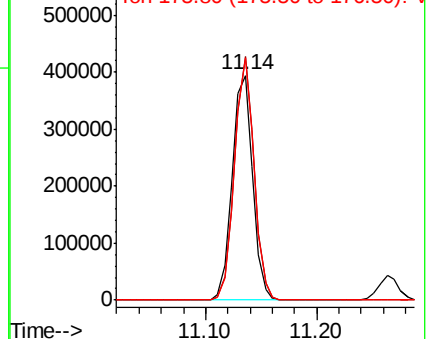
176 103.3 0.0 201.8

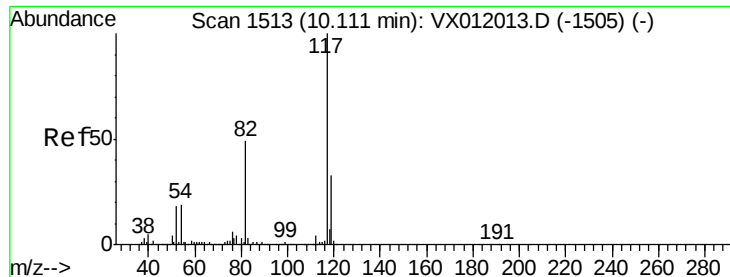


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

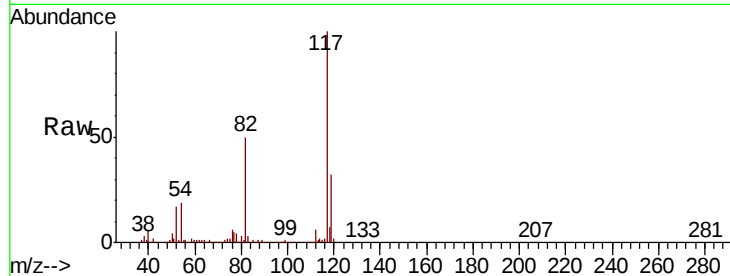




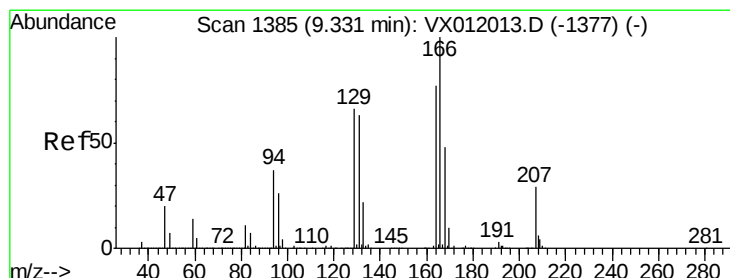
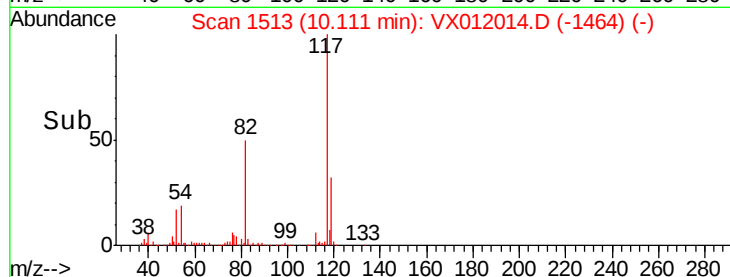
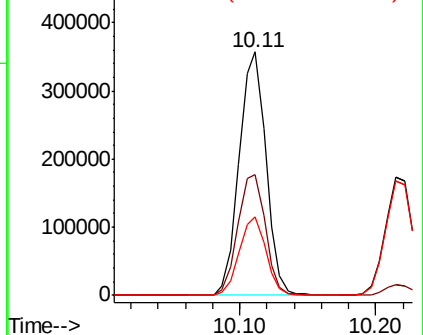
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012014.D
Acq: 02 Sep 2019 14:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:117 Resp: 492663
Ion Ratio Lower Upper
117 100
82 49.6 39.4 59.0
119 32.2 26.1 39.1

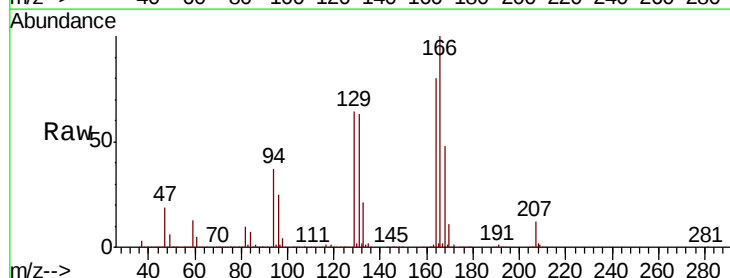


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

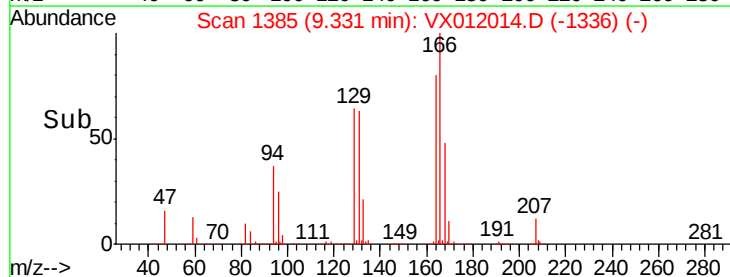
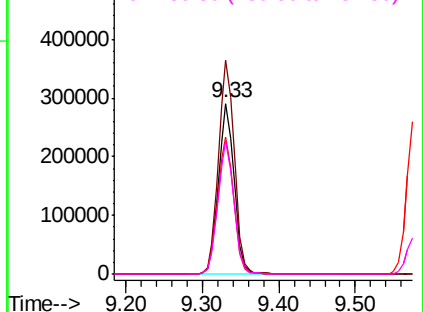


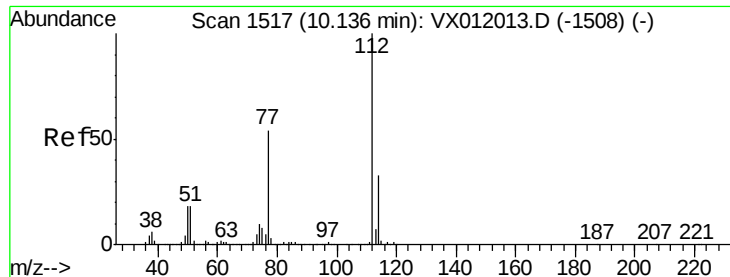
#64
Tetrachloroethene
Concen: 103.460 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012014.D
Acq: 02 Sep 2019 14:15

Tgt Ion:164 Resp: 411560
Ion Ratio Lower Upper
164 100
166 125.4 104.3 156.5
129 80.5 68.3 102.5
131 78.5 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: 100.474 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX012014.D

Acq: 02 Sep 2019 14:15

Instrument :

MSVOA_X

ClientSampleId :

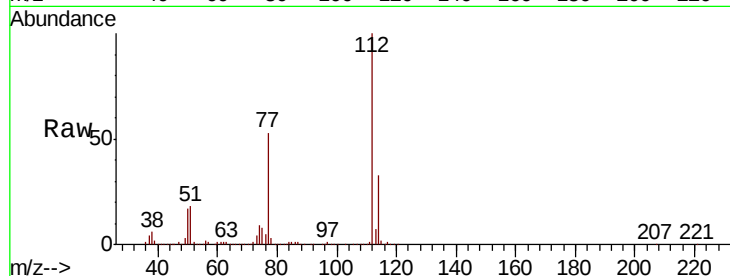
VSTDIC100

Tgt Ion:112 Resp: 954470

Ion Ratio Lower Upper

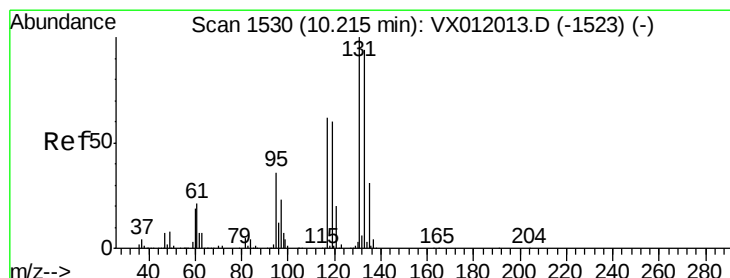
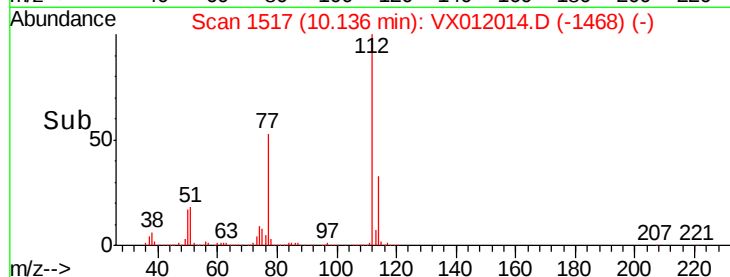
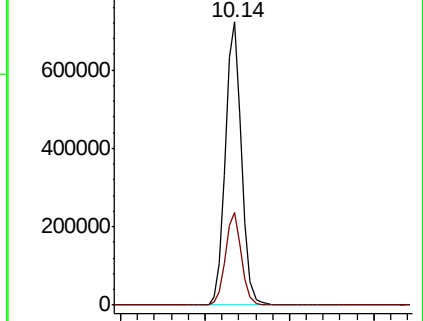
112 100

114 32.6 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: 102.028 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX012014.D

Acq: 02 Sep 2019 14:15

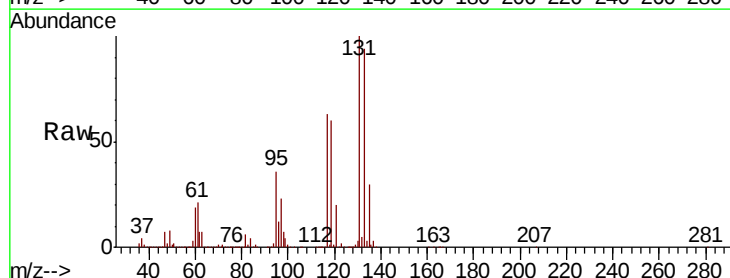
Tgt Ion:131 Resp: 391114

Ion Ratio Lower Upper

131 100

133 95.2 48.4 145.0

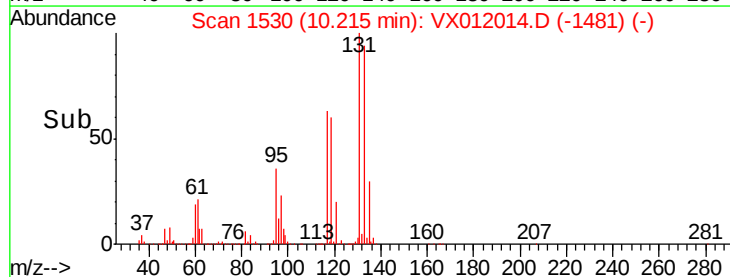
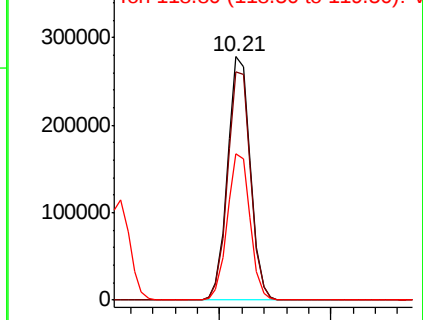
119 60.5 30.5 91.5

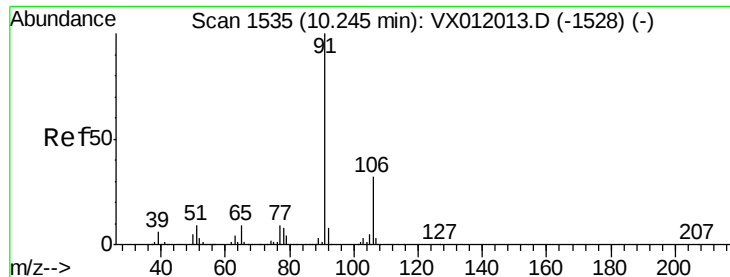


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 99.276 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX012014.D

Acq: 02 Sep 2019 14:15

Instrument :

MSVOA_X

ClientSampleId :

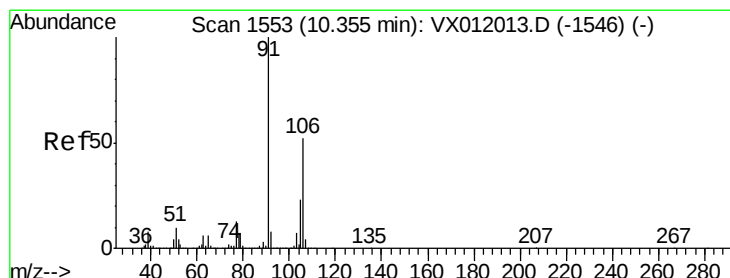
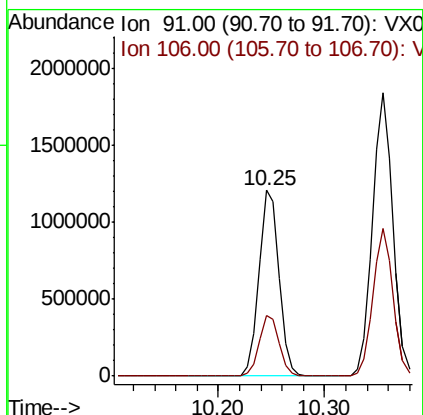
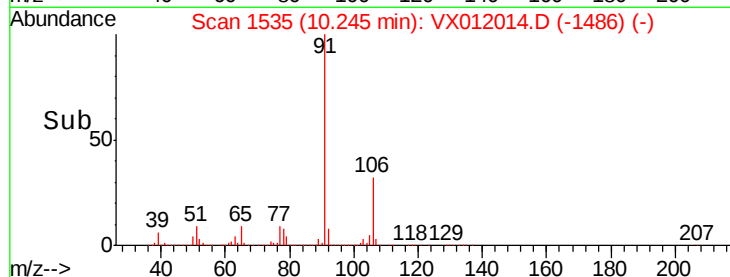
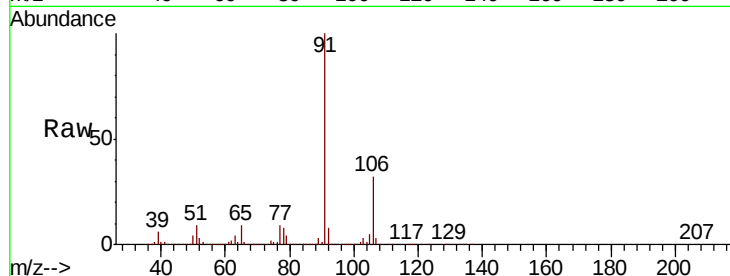
VSTDIC100

Tgt Ion: 91 Resp: 1602094

Ion Ratio Lower Upper

91 100

106 32.4 25.8 38.8



#68

m/p-Xylenes

Concen: 202.418 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX012014.D

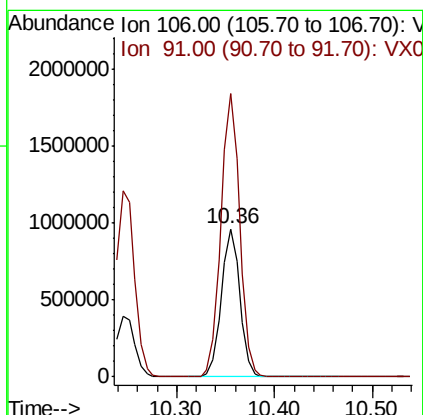
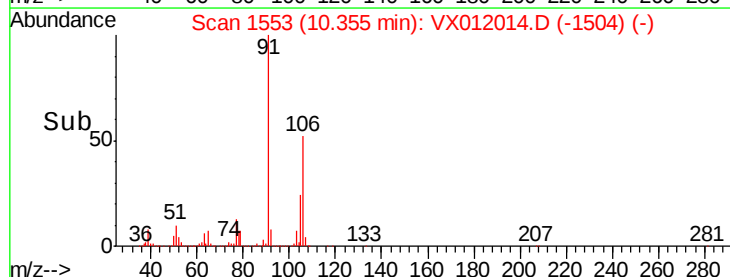
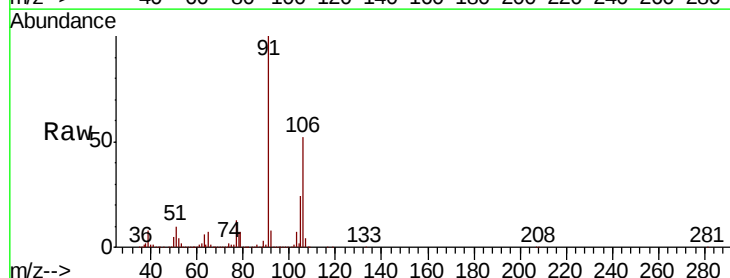
Acq: 02 Sep 2019 14:15

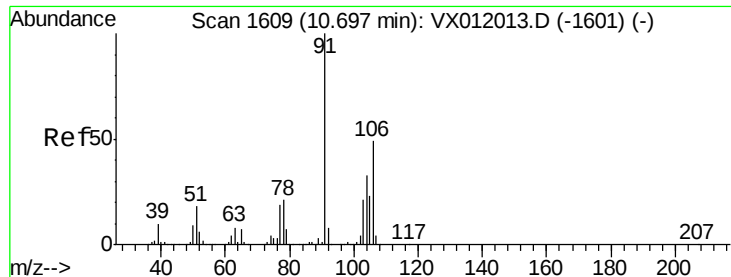
Tgt Ion: 106 Resp: 1263149

Ion Ratio Lower Upper

106 100

91 194.4 157.5 236.3

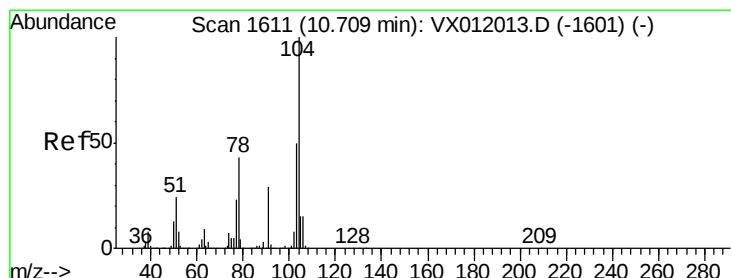
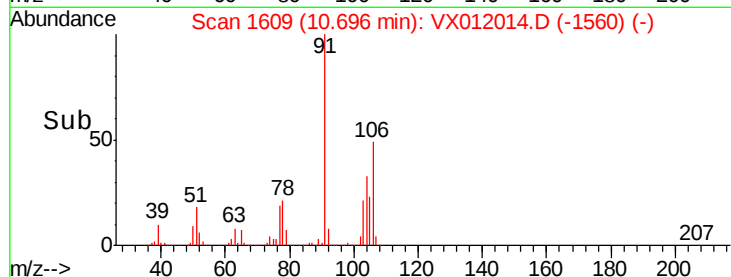
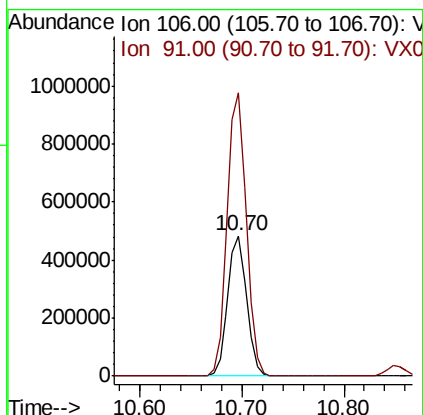
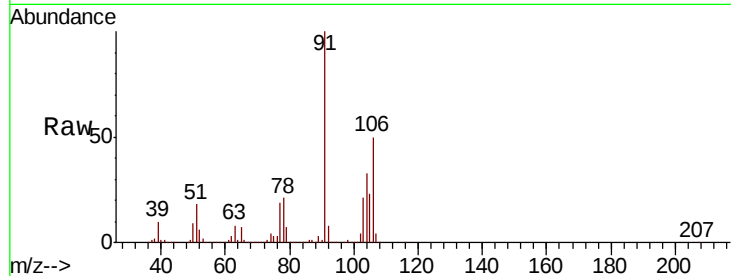




#69
o-Xylene
Concen: 101.556 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012014.D
Acq: 02 Sep 2019 14:15

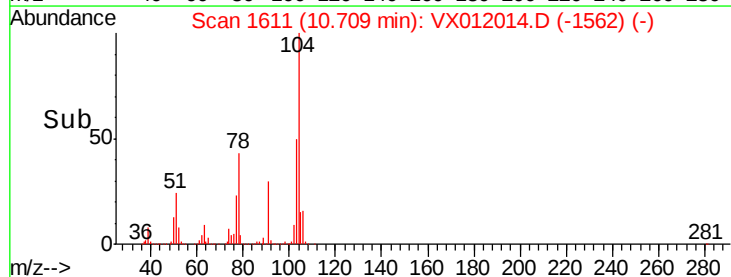
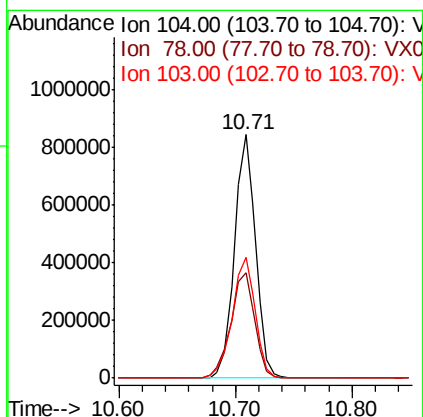
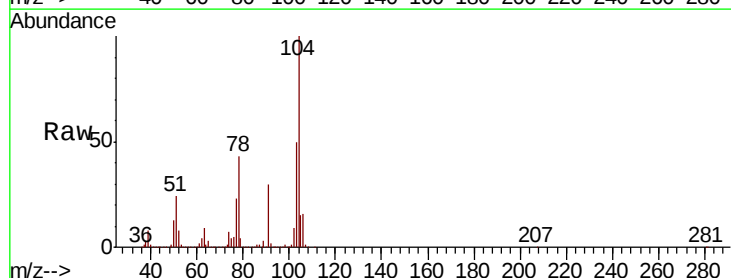
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

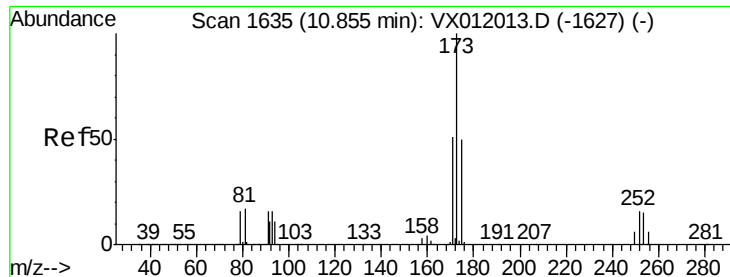
Tgt Ion:106 Resp: 616685
Ion Ratio Lower Upper
106 100
91 204.8 103.5 310.3



#70
Styrene
Concen: 100.226 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012014.D
Acq: 02 Sep 2019 14:15

Tgt Ion:104 Resp: 1068167
Ion Ratio Lower Upper
104 100
78 48.8 39.1 58.7
103 54.1 43.4 65.2

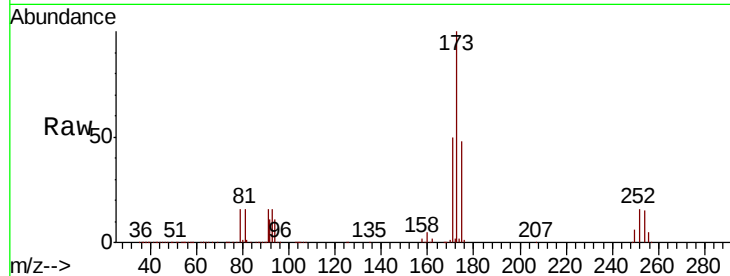




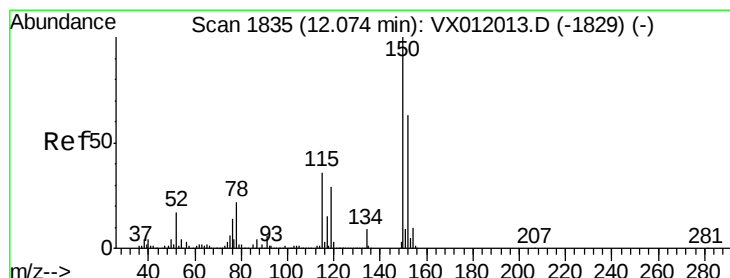
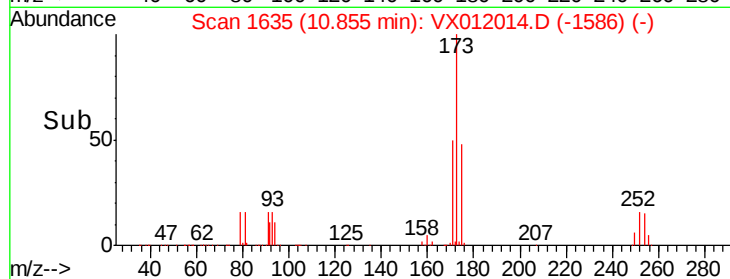
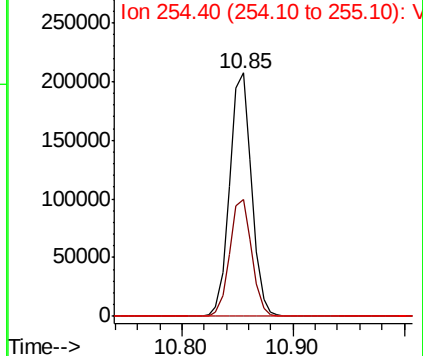
#71
Bromoform
Concen: 103.575 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX012014.D
Acq: 02 Sep 2019 14:15

Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

Tgt Ion:173 Resp: 280668
Ion Ratio Lower Upper
173 100
175 48.6 24.9 74.7
254 0.1 0.1 0.1

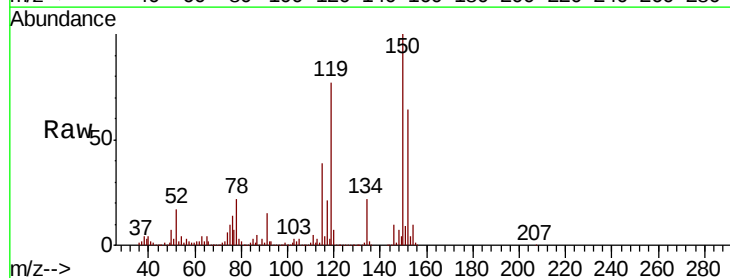


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

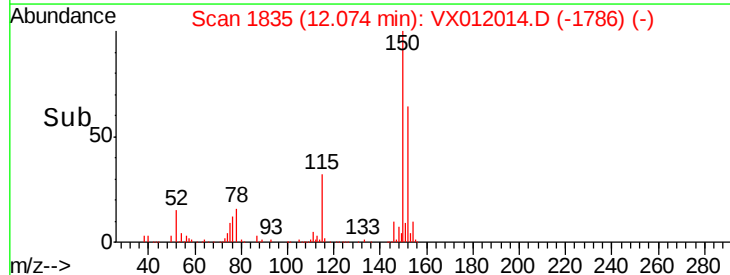
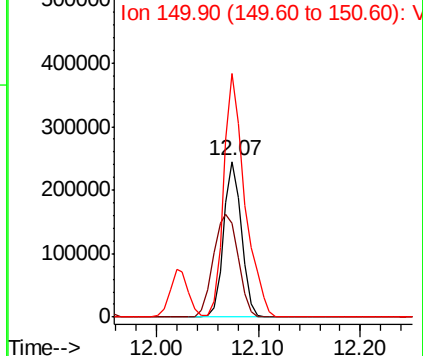


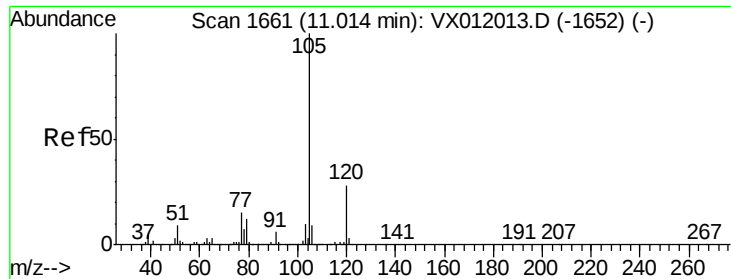
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012014.D
Acq: 02 Sep 2019 14:15

Tgt Ion:152 Resp: 296158
Ion Ratio Lower Upper
152 100
115 93.3 36.4 109.3
150 185.4 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: 96.301 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX012014.D

Acq: 02 Sep 2019 14:15

Instrument :

MSVOA_X

ClientSampleId :

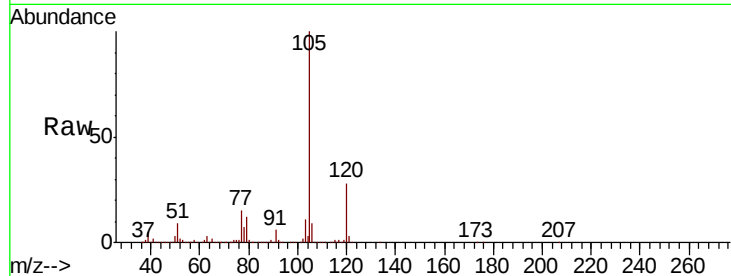
VSTDIC100

Tgt Ion:105 Resp: 1636279

Ion Ratio Lower Upper

105 100

120 28.0 13.9 41.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.01

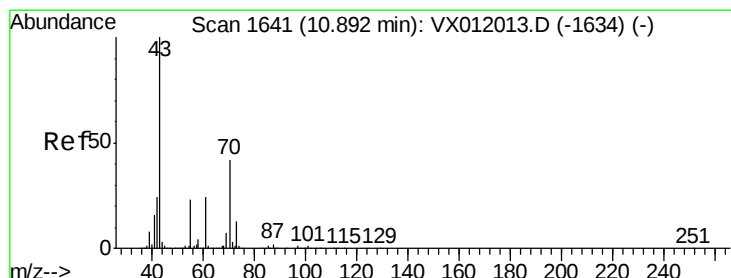
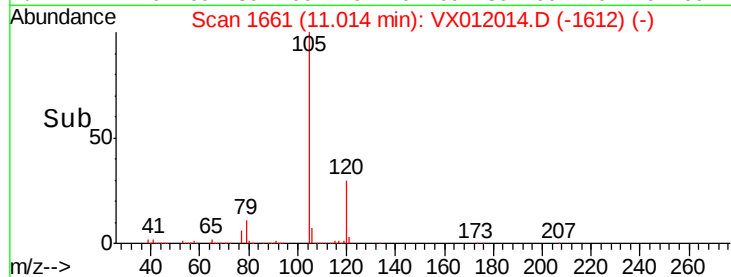
1500000

1000000

500000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 87.788 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX012014.D

Acq: 02 Sep 2019 14:15

Tgt Ion: 43 Resp: 432655

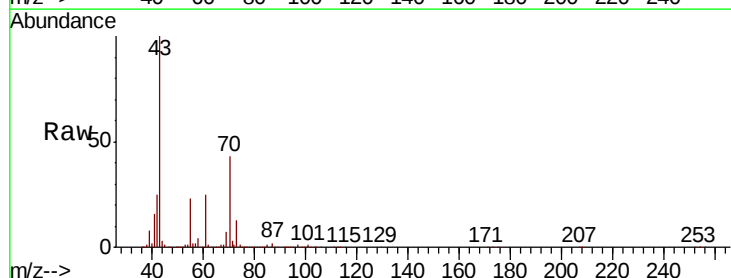
Ion Ratio Lower Upper

43 100

70 43.2 34.4 51.6

55 23.2 18.5 27.7

61 24.7 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

600000

500000

400000

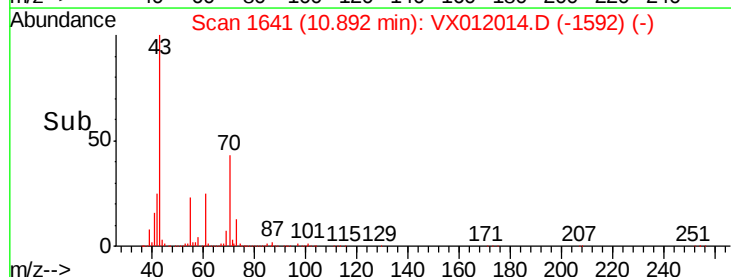
300000

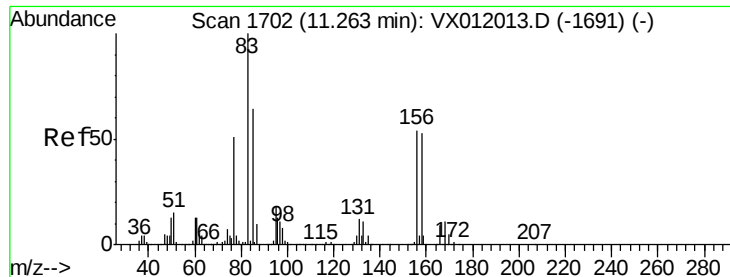
200000

100000

0

Time--> 10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 90.343 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX012014.D

Acq: 02 Sep 2019 14:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

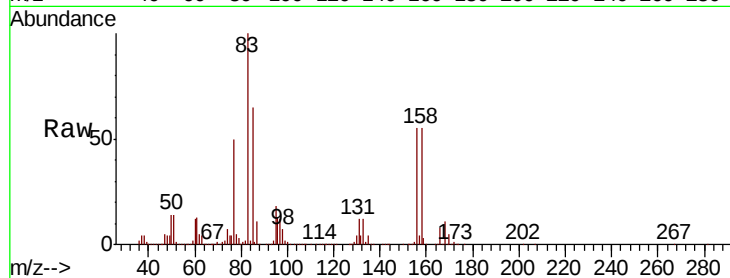
Tgt Ion: 83 Resp: 308773

Ion Ratio Lower Upper

83 100

131 12.9 6.3 19.1

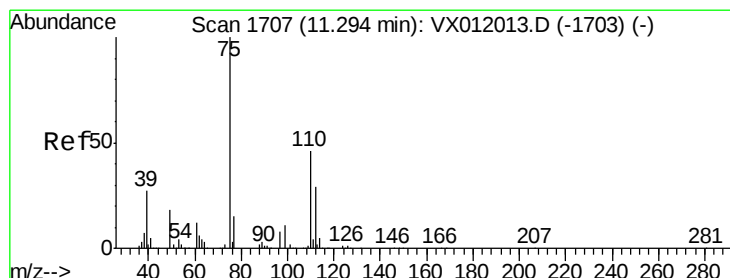
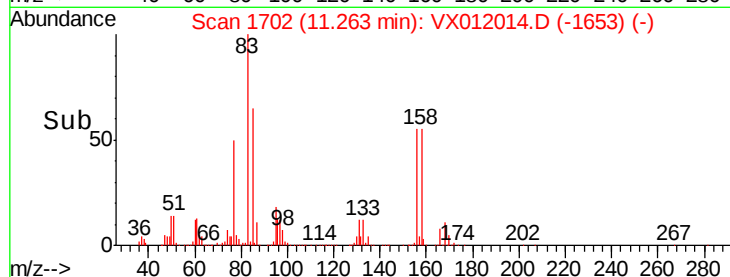
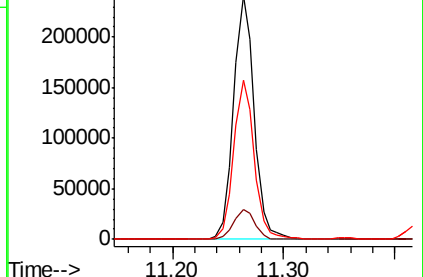
85 64.9 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 119.801 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX012014.D

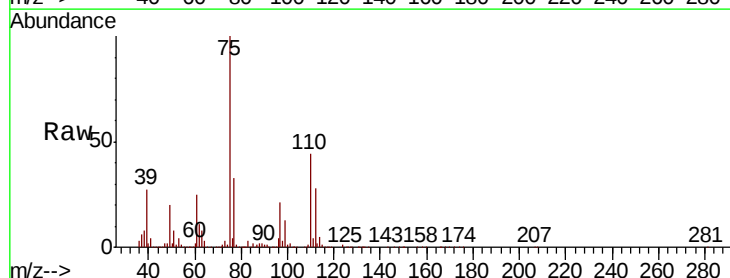
Acq: 02 Sep 2019 14:15

Tgt Ion: 75 Resp: 335868

Ion Ratio Lower Upper

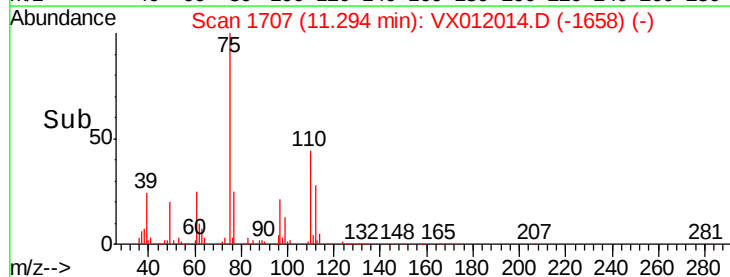
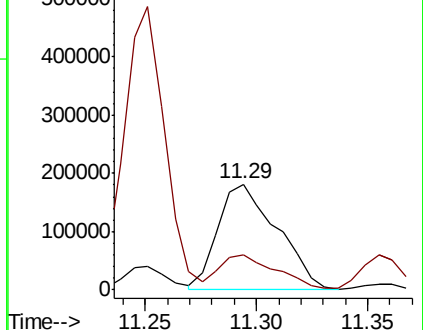
75 100

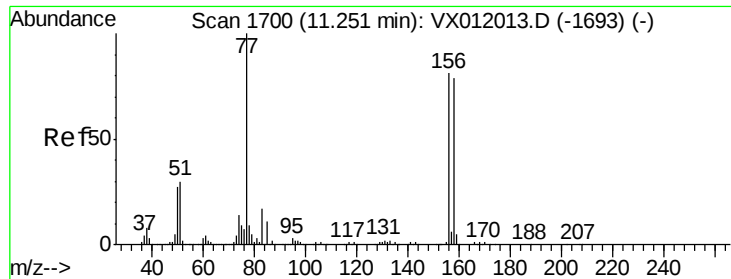
77 31.7 23.5 70.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

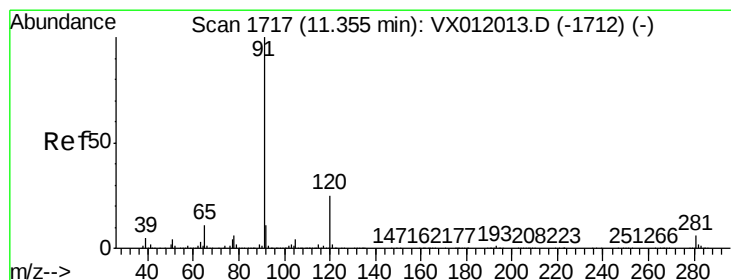
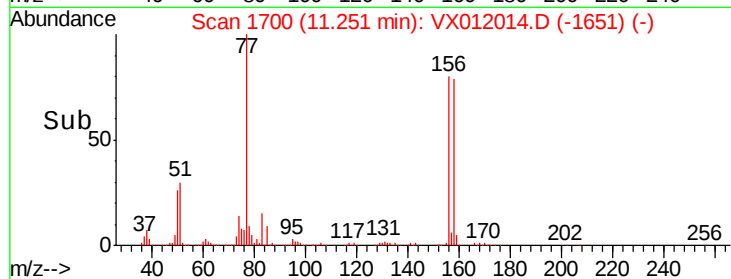
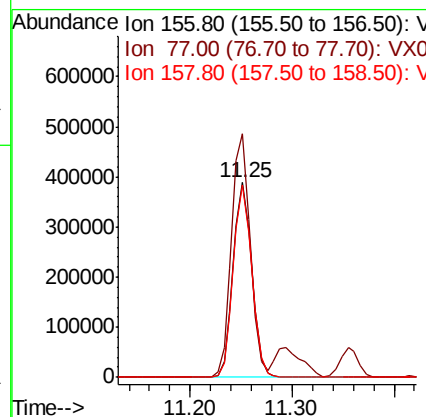
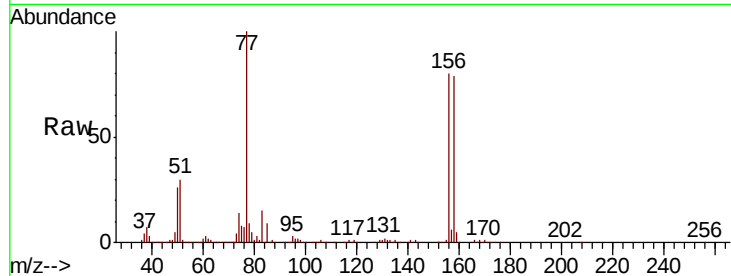




#77
Bromobenzene
Concen: 98.965 ug/l
RT: 11.25 min Scan# 1700
Delta R.T. -0.00 min
Lab File: VX012014.D
Acq: 02 Sep 2019 14:15

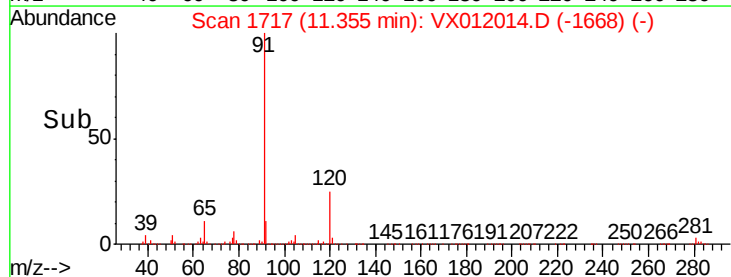
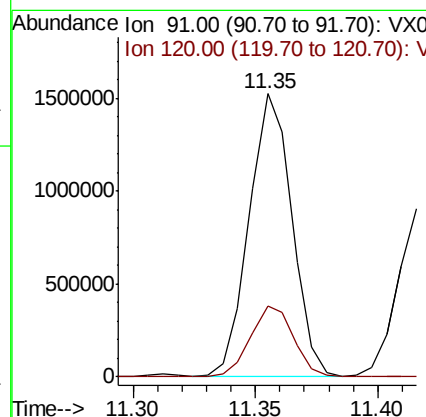
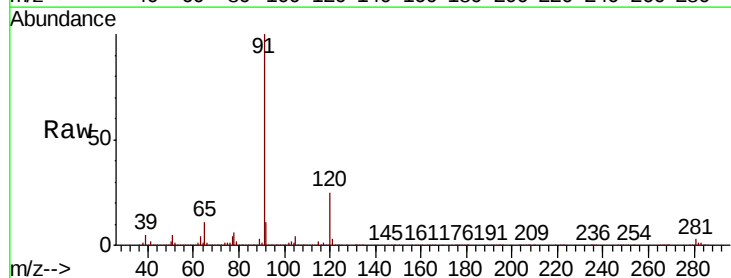
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

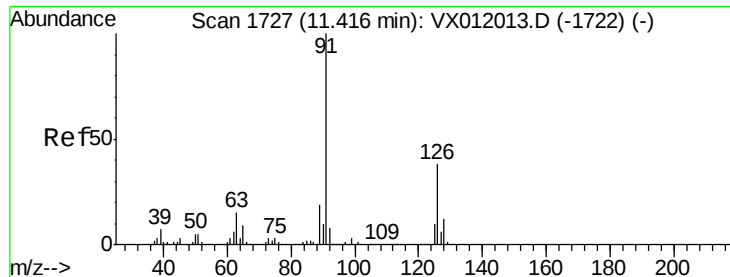
Tgt Ion:156 Resp: 487845
Ion Ratio Lower Upper
156 100
77 126.7 63.4 190.2
158 98.6 48.9 146.6



#78
n-propylbenzene
Concen: 96.654 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. -0.00 min
Lab File: VX012014.D
Acq: 02 Sep 2019 14:15

Tgt Ion: 91 Resp: 1855671
Ion Ratio Lower Upper
91 100
120 25.5 12.7 38.0





#79

2-Chlorotoluene

Concen: 95.759 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX012014.D

Acq: 02 Sep 2019 14:15

Instrument :

MSVOA_X

ClientSampleId :

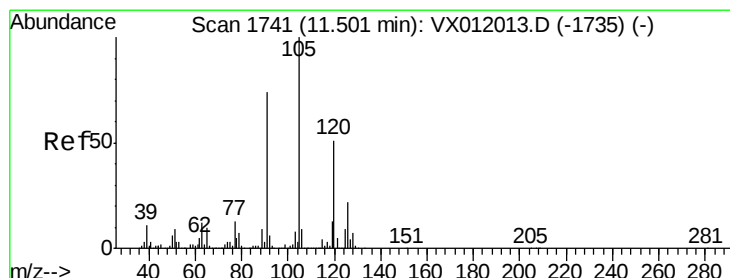
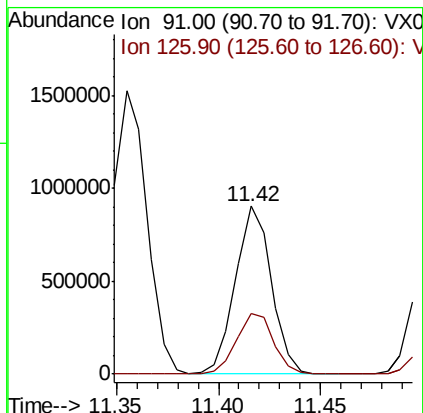
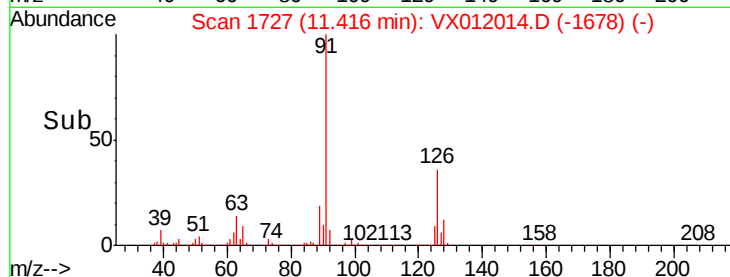
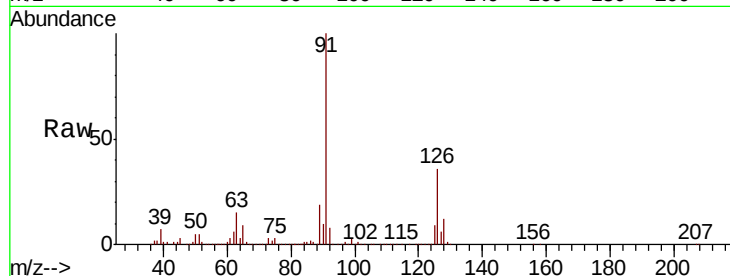
VSTDIC100

Tgt Ion: 91 Resp: 1103654

Ion Ratio Lower Upper

91 100

126 37.6 18.6 55.8



#80

1,3,5-Trimethylbenzene

Concen: 98.248 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX012014.D

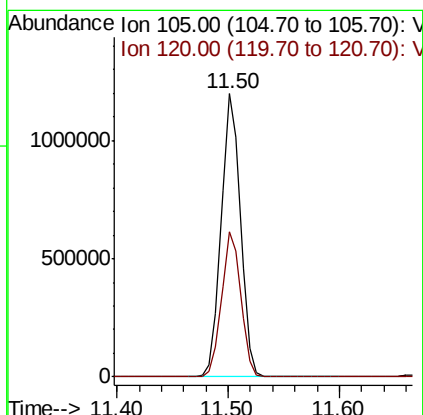
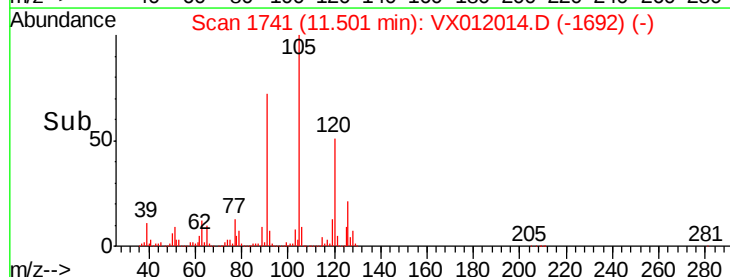
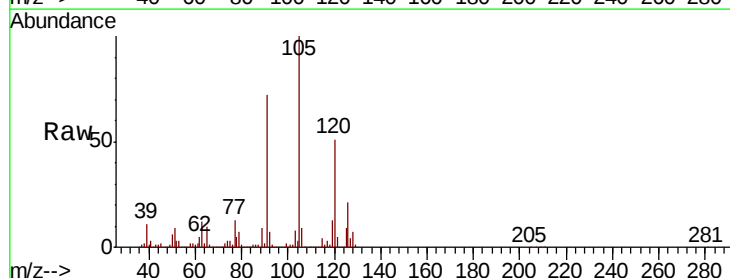
Acq: 02 Sep 2019 14:15

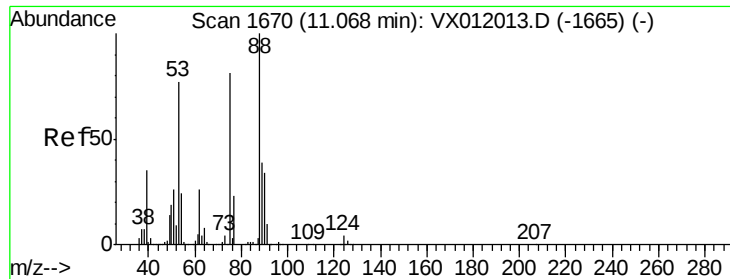
Tgt Ion: 105 Resp: 1434601

Ion Ratio Lower Upper

105 100

120 51.3 25.8 77.3





#81

trans-1,4-Dichloro-2-butene

Concen: 89.732 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX012014.D

Acq: 02 Sep 2019 14:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

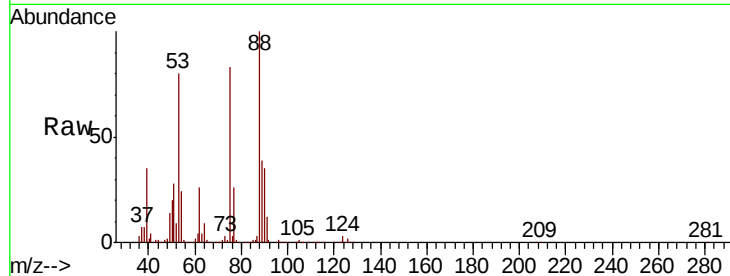
Tgt Ion: 75 Resp: 102168

Ion Ratio Lower Upper

75 100

53 95.6 78.6 117.8

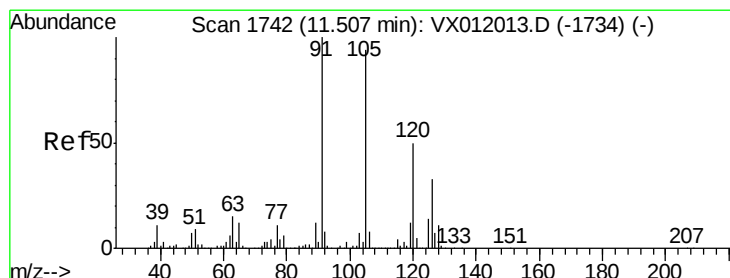
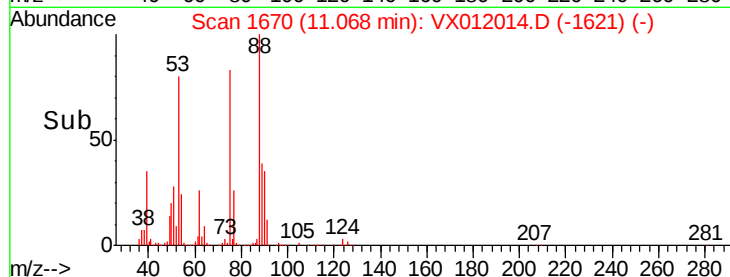
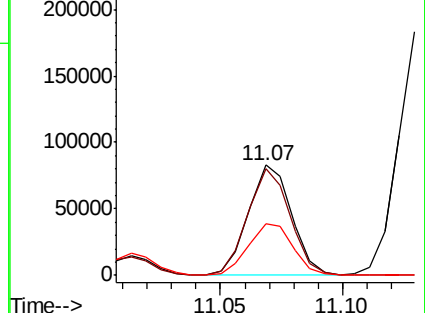
89 48.9 38.8 58.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 94.466 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX012014.D

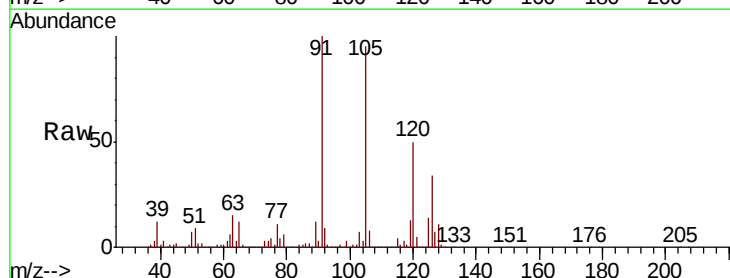
Acq: 02 Sep 2019 14:15

Tgt Ion: 91 Resp: 1312010

Ion Ratio Lower Upper

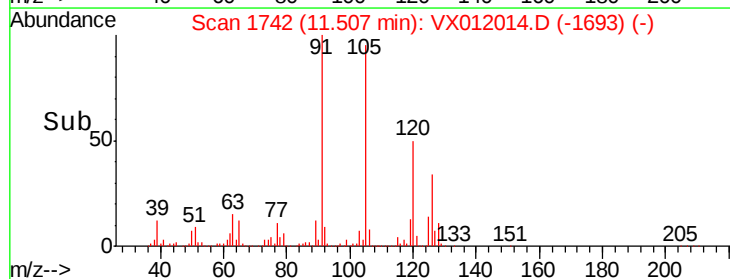
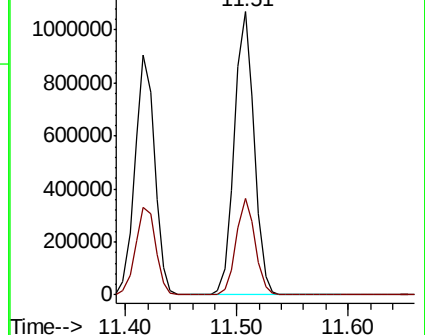
91 100

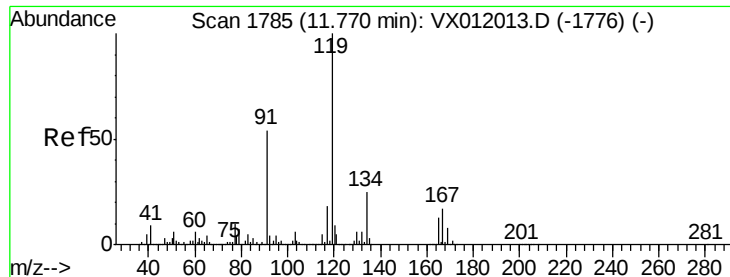
126 32.9 16.2 48.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

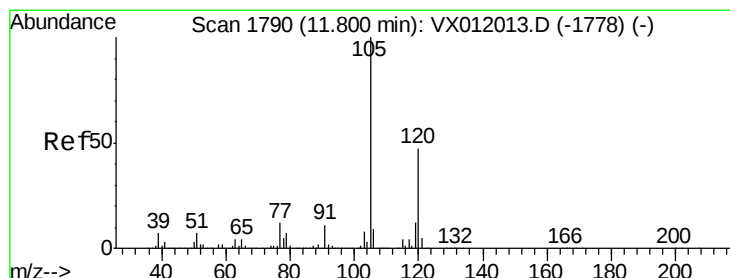
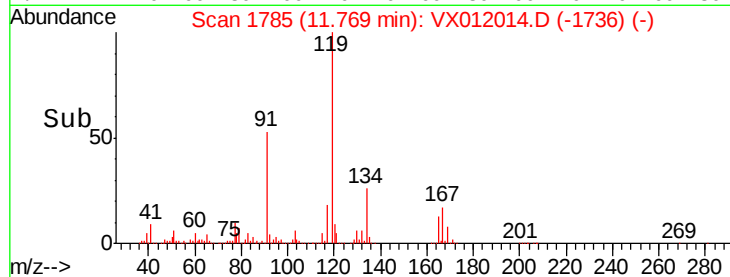
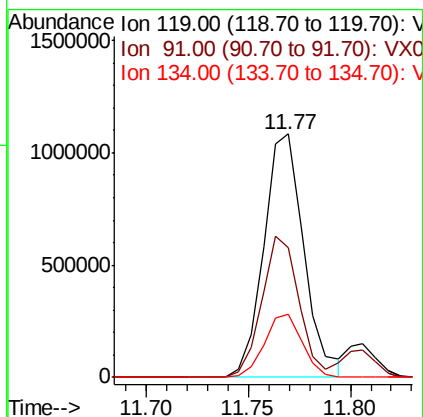
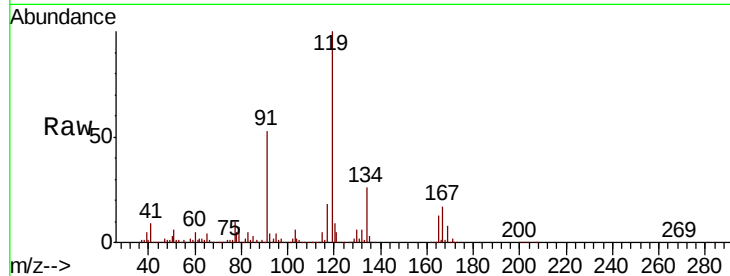




#83
 tert-Butylbenzene
 Concen: 99.742 ug/l
 RT: 11.77 min Scan# 1785
 Delta R.T. -0.00 min
 Lab File: VX012014.D
 Acq: 02 Sep 2019 14:15

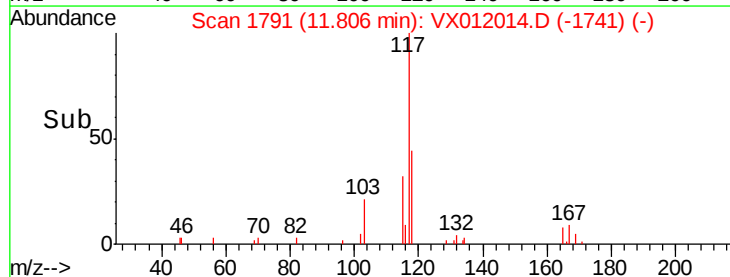
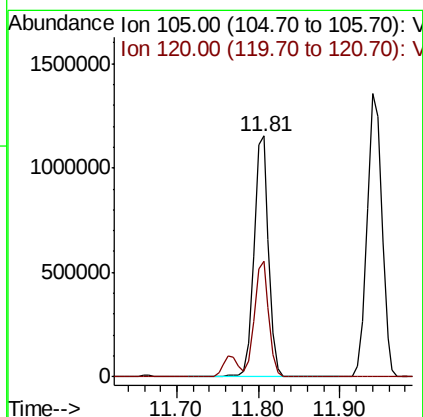
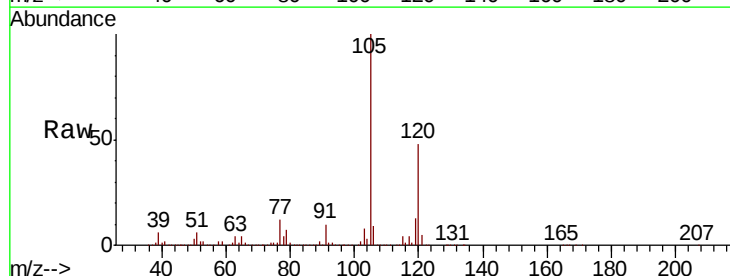
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

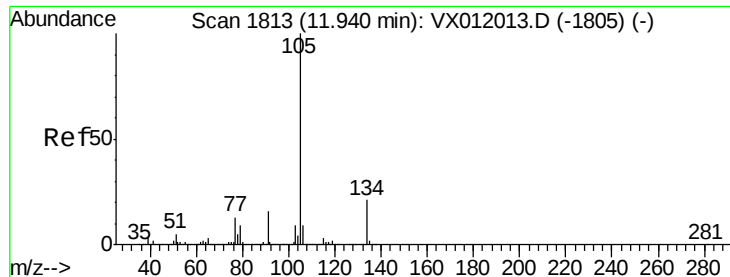
Tgt Ion:119 Resp: 1486057
 Ion Ratio Lower Upper
 119 100
 91 53.6 27.1 81.2
 134 24.6 12.1 36.3



#84
 1,2,4-Trimethylbenzene
 Concen: 97.041 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.01 min
 Lab File: VX012014.D
 Acq: 02 Sep 2019 14:15

Tgt Ion:105 Resp: 1452289
 Ion Ratio Lower Upper
 105 100
 120 47.2 23.6 70.8

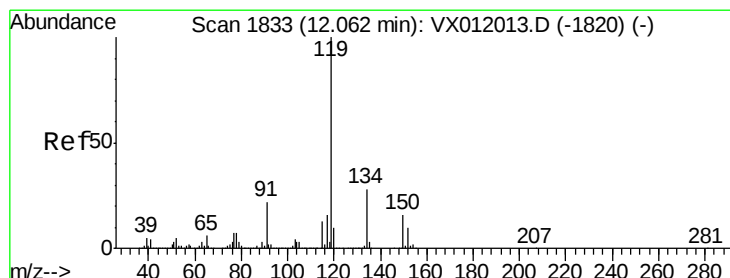
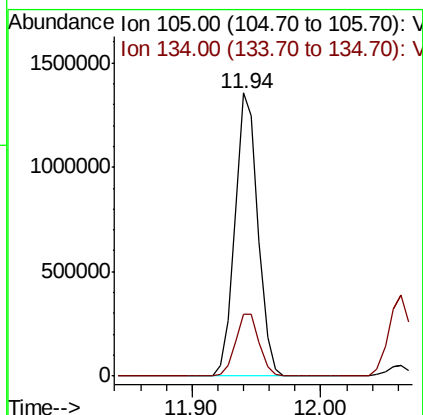
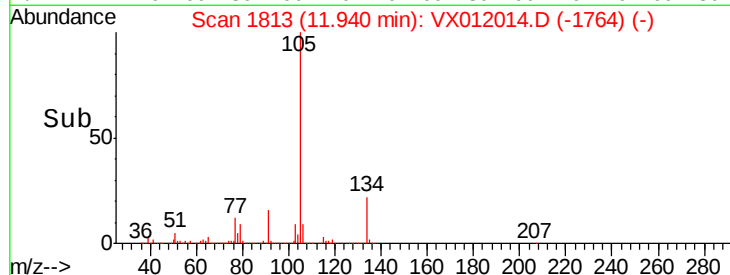
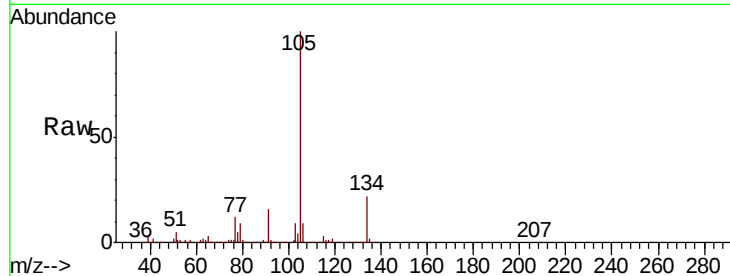




#85
 sec-Butylbenzene
 Concen: 97.629 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX012014.D
 Acq: 02 Sep 2019 14:15

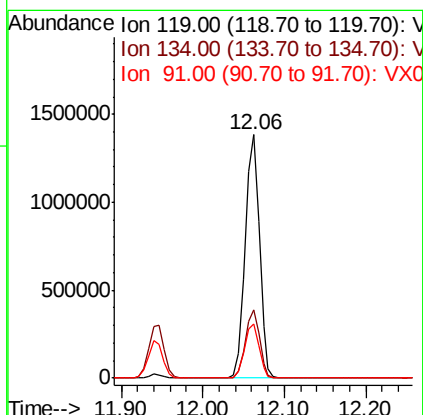
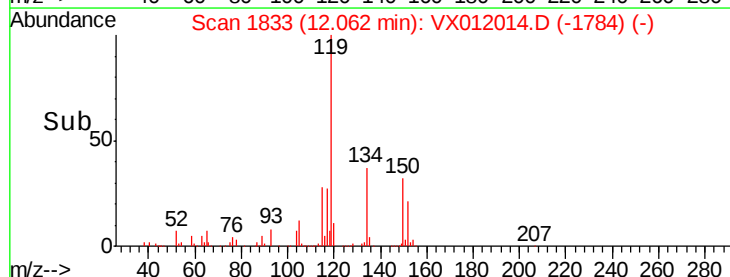
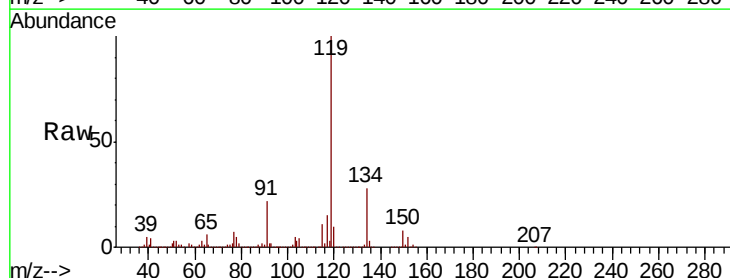
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

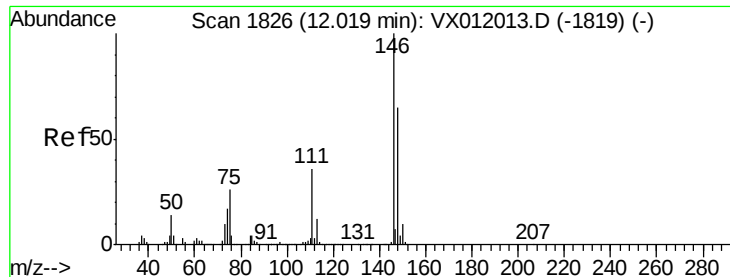
Tgt Ion:105 Resp: 1683794
 Ion Ratio Lower Upper
 105 100
 134 22.6 11.2 33.6



#86
 p-Isopropyltoluene
 Concen: 99.177 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX012014.D
 Acq: 02 Sep 2019 14:15

Tgt Ion:119 Resp: 1660311
 Ion Ratio Lower Upper
 119 100
 134 27.8 13.7 41.1
 91 22.6 11.4 34.1

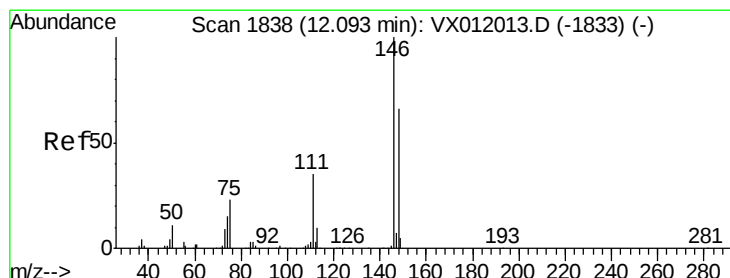
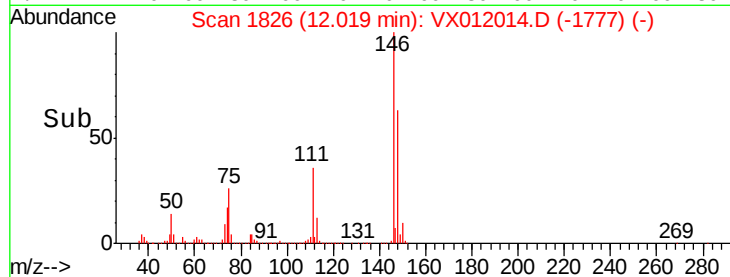
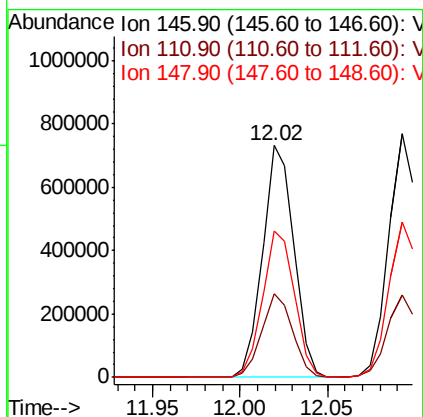
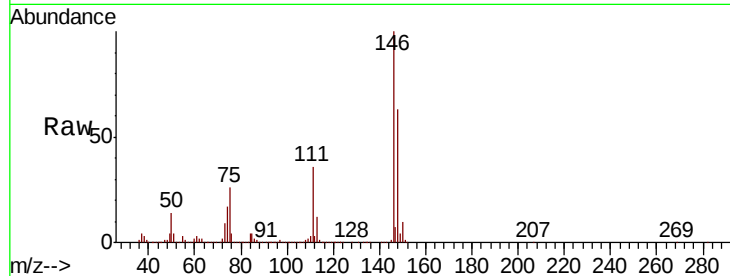




#87
 1,3-Dichlorobenzene
 Concen: 99.533 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX012014.D
 Acq: 02 Sep 2019 14:15

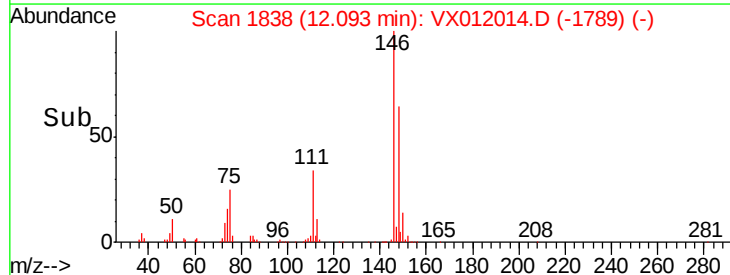
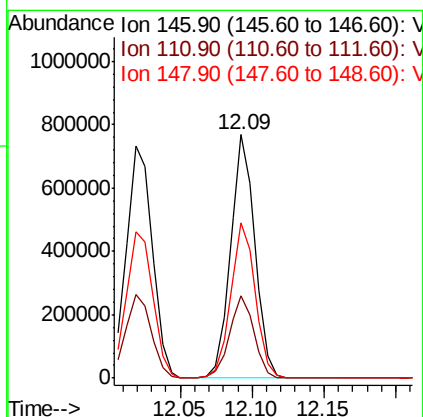
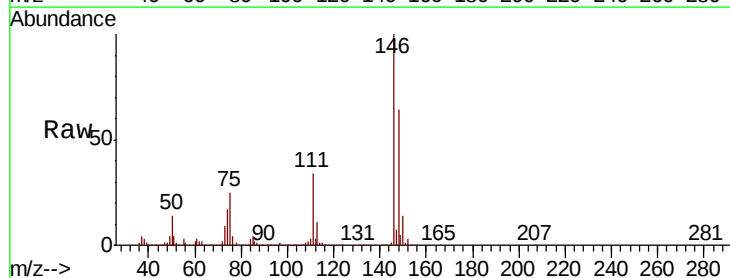
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

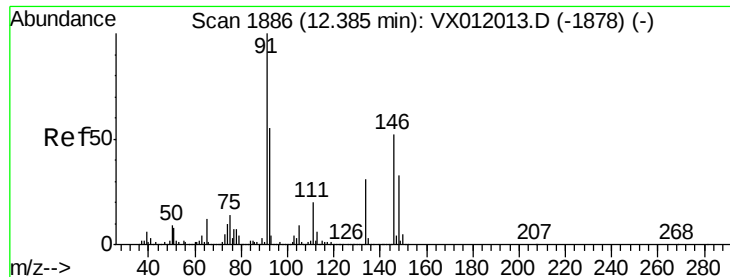
Tgt Ion:146 Resp: 909076
 Ion Ratio Lower Upper
 146 100
 111 35.7 18.1 54.1
 148 64.4 32.6 97.8



#88
 1,4-Dichlorobenzene
 Concen: 98.499 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX012014.D
 Acq: 02 Sep 2019 14:15

Tgt Ion:146 Resp: 908982
 Ion Ratio Lower Upper
 146 100
 111 34.4 17.7 53.1
 148 64.5 32.4 97.0





#89

n-Butylbenzene

Concen: 96.910 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX012014.D

Acq: 02 Sep 2019 14:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

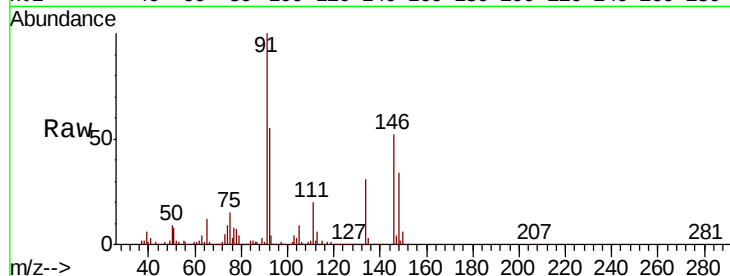
Tgt Ion: 91 Resp: 1431772

Ion Ratio Lower Upper

91 100

92 55.1 27.6 82.8

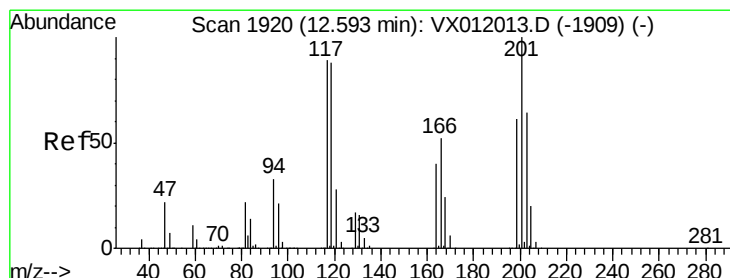
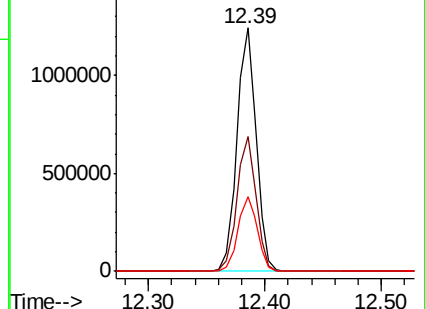
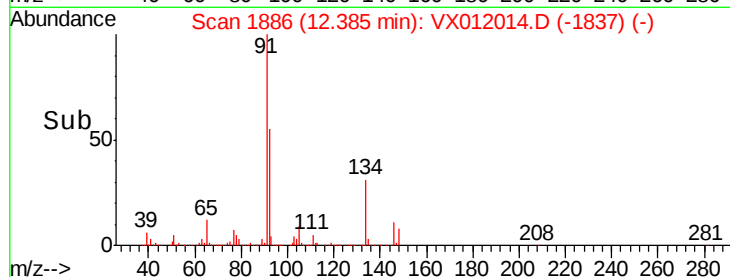
134 30.9 15.4 46.1



Abundance Ion 91.00 (90.70 to 91.70): VX012014.D (-1837) (-)

Ion 92.00 (91.70 to 92.70): VX012014.D (-1837) (-)

Ion 134.00 (133.70 to 134.70): VX012014.D (-1837) (-)



#90

Hexachloroethane

Concen: 98.541 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX012014.D

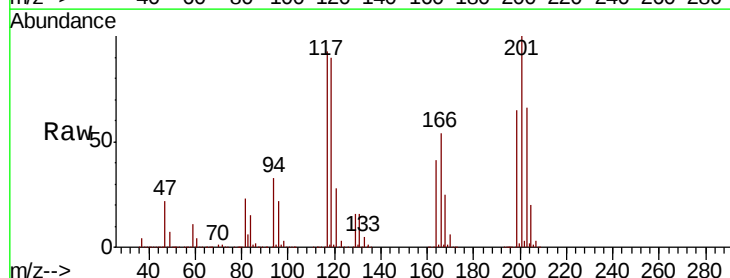
Acq: 02 Sep 2019 14:15

Tgt Ion: 117 Resp: 318835

Ion Ratio Lower Upper

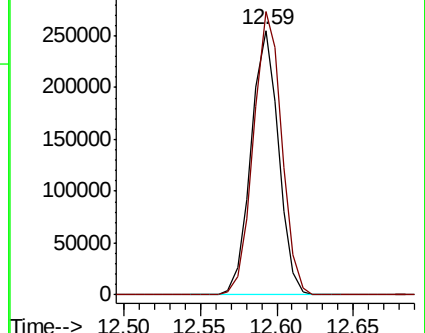
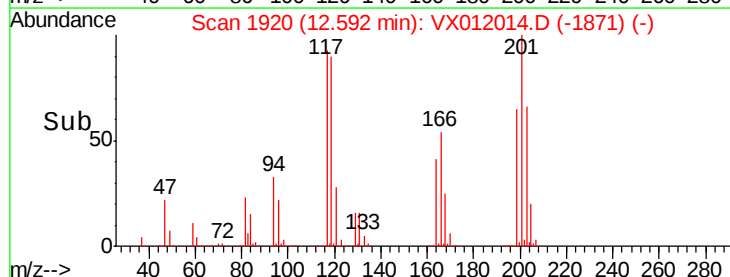
117 100

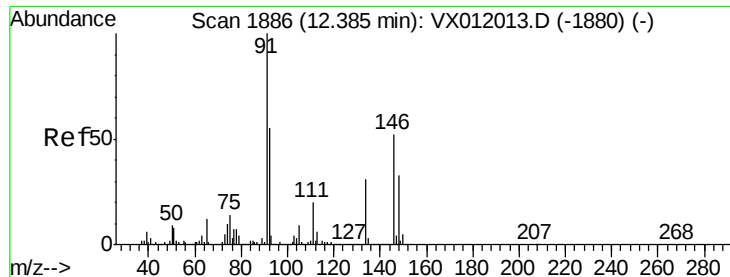
201 109.9 55.0 165.2



Abundance Ion 116.80 (116.50 to 117.50): VX012014.D (-1871) (-)

Ion 200.70 (200.40 to 201.40): VX012014.D (-1871) (-)

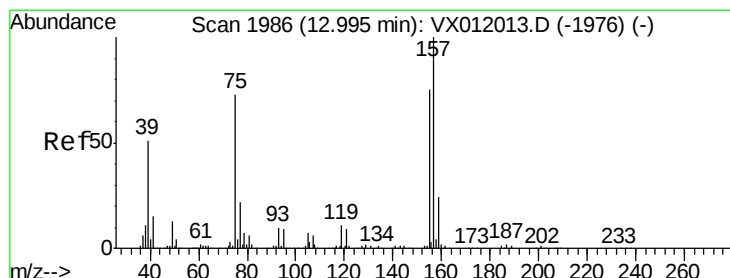
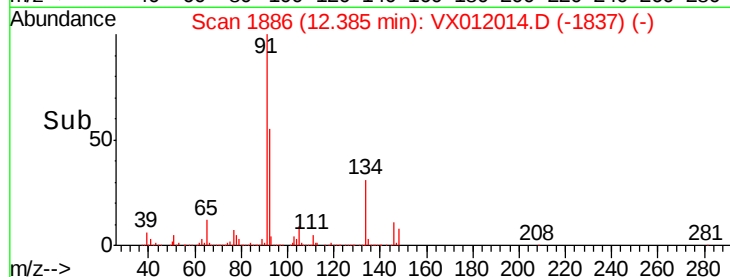
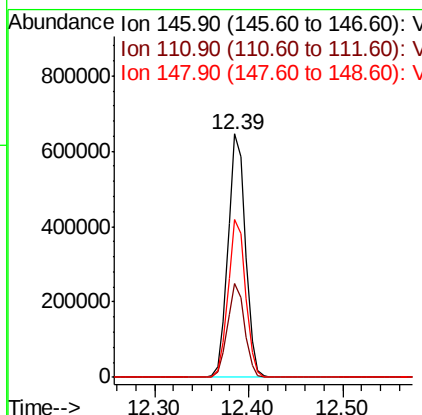
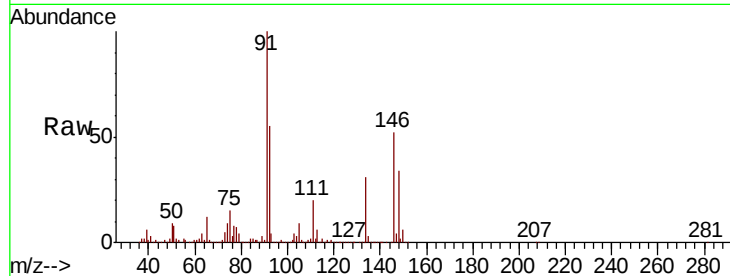




#91
 1,2-Dichlorobenzene
 Concen: 97.503 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX012014.D
 Acq: 02 Sep 2019 14:15

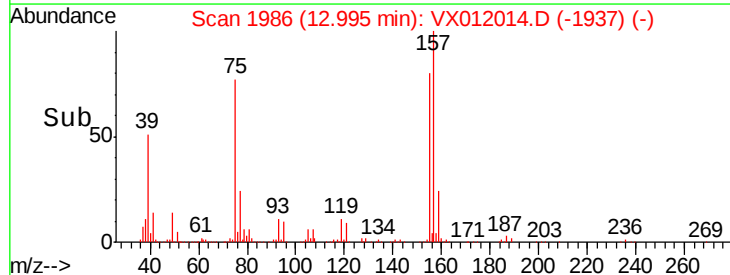
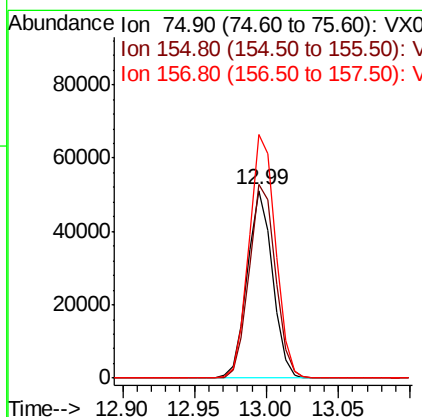
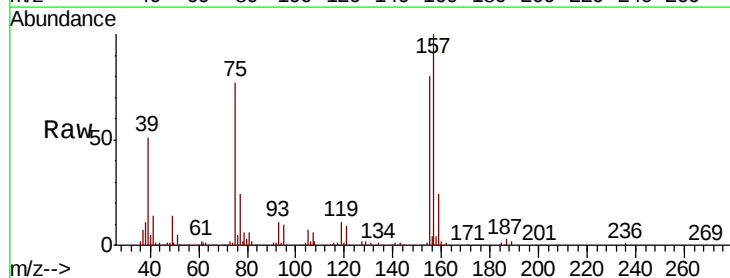
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

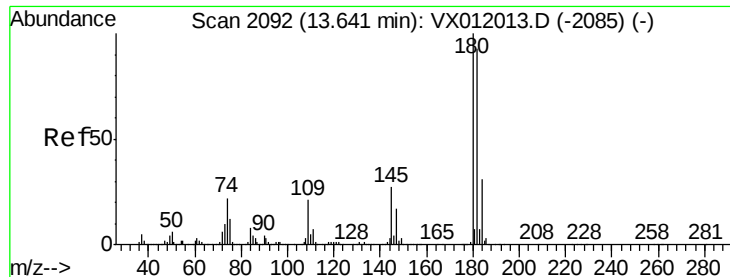
Tgt Ion: 146 Resp: 827000
 Ion Ratio Lower Upper
 146 100
 111 37.8 18.6 56.0
 148 65.0 32.4 97.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 91.036 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX012014.D
 Acq: 02 Sep 2019 14:15

Tgt Ion: 75 Resp: 61938
 Ion Ratio Lower Upper
 75 100
 155 107.6 51.7 155.2
 157 135.6 66.9 200.7

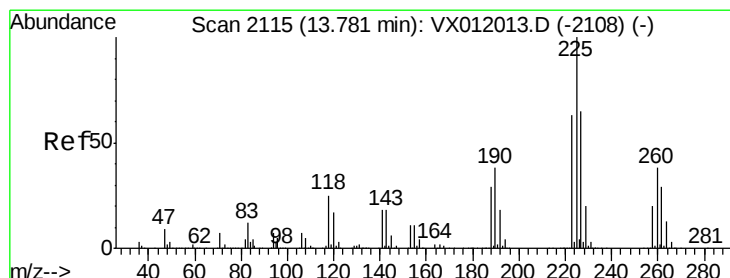
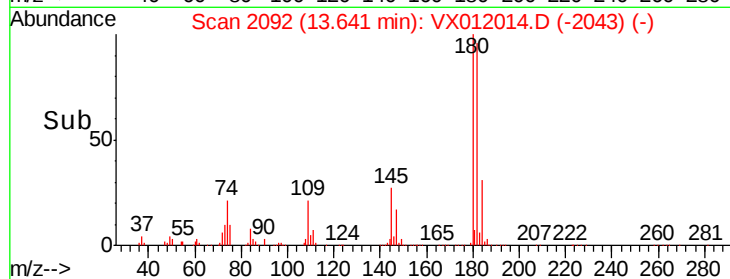
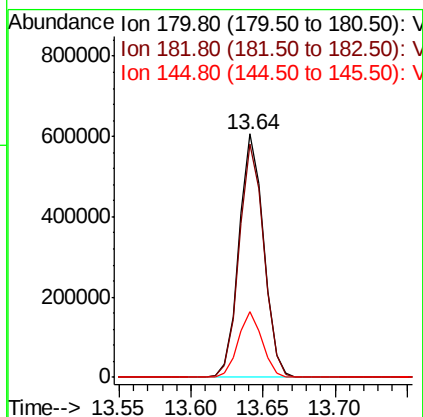
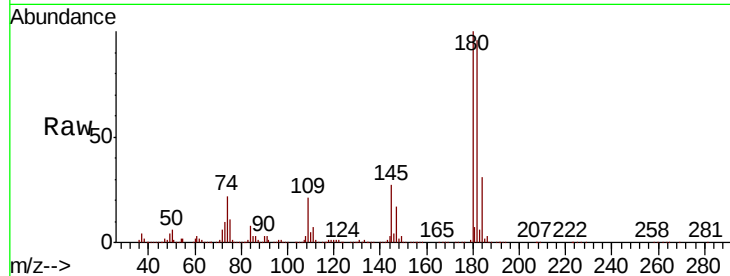




#93
 1,2,4-Trichlorobenzene
 Concen: 100.625 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX012014.D
 Acq: 02 Sep 2019 14:15

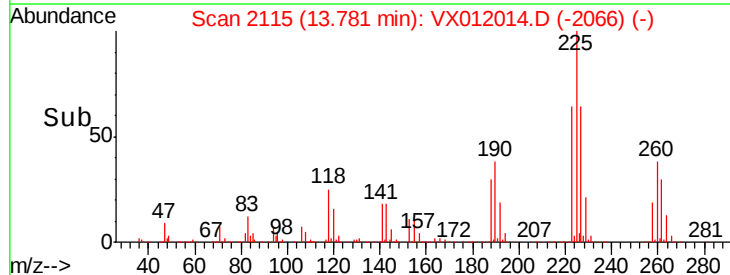
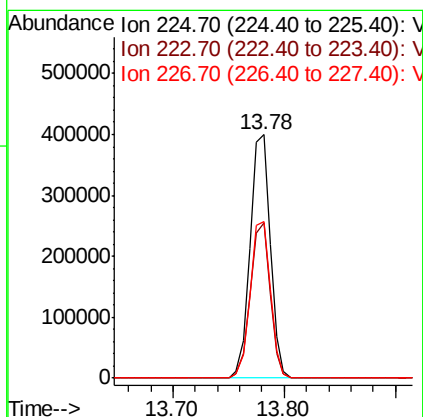
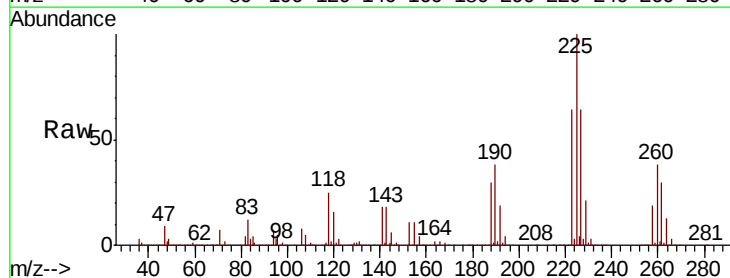
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

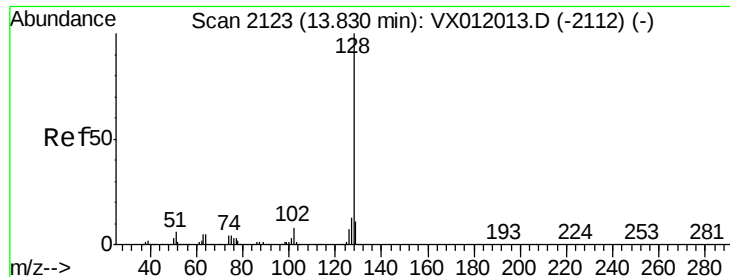
Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.3	142.0
145	26.5	13.7	41.0



#94
 Hexachlorobutadiene
 Concen: 104.022 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VX012014.D
 Acq: 02 Sep 2019 14:15

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	31.6	95.0
227	64.6	32.5	97.5





#95

Naphthalene

Concen: 92.549 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX012014.D

Acq: 02 Sep 2019 14:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

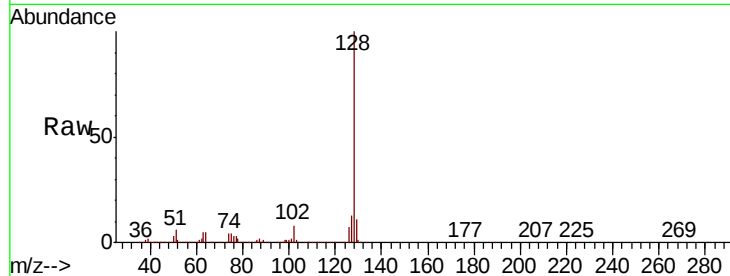
Tgt Ion:128 Resp: 1118733

Ion Ratio Lower Upper

128 100

127 13.0 10.5 15.7

129 10.9 8.8 13.2

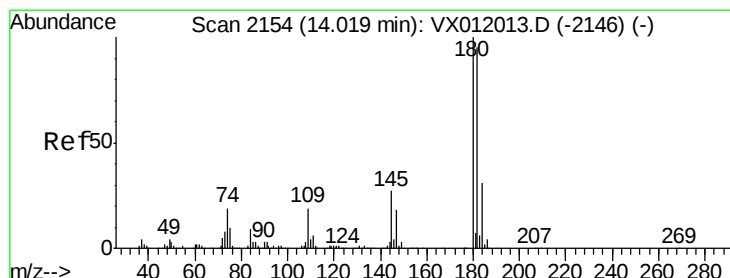
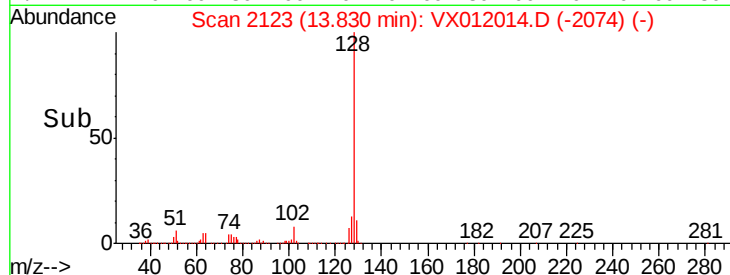
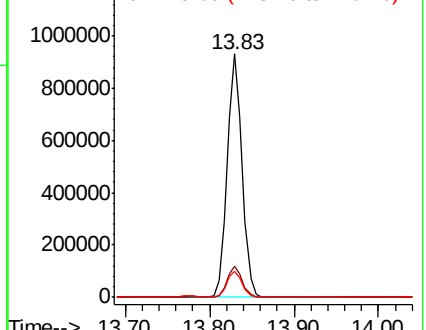


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 97.421 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. -0.01 min

Lab File: VX012014.D

Acq: 02 Sep 2019 14:15

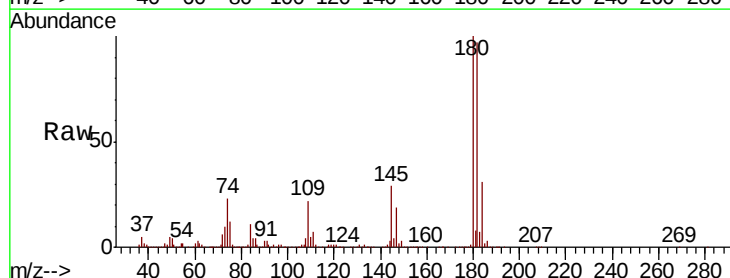
Tgt Ion:180 Resp: 629149

Ion Ratio Lower Upper

180 100

182 96.1 47.9 143.6

145 28.4 14.1 42.4



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

