

Data File : VX012250.D
Acq On : 10 Sep 2019 11:22
Operator : SY/SP
Sample : VSTDICC150
Misc : 5.00g/5.0mL/MSVOA_X/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Quant Time: Sep 10 11:46:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091019S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 10 11:06:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	141916	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	256145	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	238307	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	120451	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	307301	145.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	290.80%	
35) Dibromofluoromethane	5.48	113	246540	143.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	287.24%	
50) Toluene-d8	8.71	98	908247	151.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	302.56%	
62) 4-Bromofluorobenzene	11.13	95	393551	141.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	282.44%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	150281	132.465	ug/l	99
3) Chloromethane	1.31	50	147395	134.807	ug/l	99
4) Vinyl Chloride	1.40	62	150047	143.292	ug/l	100
5) Bromomethane	1.62	94	55831	147.059	ug/l	98
6) Chloroethane	1.70	64	93036	141.526	ug/l	99
7) Trichlorofluoromethane	1.90	101	252309	141.647	ug/l	100
8) Diethyl Ether	2.17	74	94683	119.611	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	181066	136.457	ug/l	99
10) Methyl Iodide	2.49	142	208884	160.289	ug/l	100
11) Tert butyl alcohol	3.04	59	160381	816.191	ug/l	99
12) 1,1-Dichloroethene	2.36	96	156847	140.345	ug/l	97
13) Acrolein	2.28	56	78597	659.773	ug/l	96
14) Allyl chloride	2.71	41	331080	143.550	ug/l	98
15) Acrylonitrile	3.13	53	309343	707.109	ug/l	99
16) Acetone	2.44	43	318421	712.875	ug/l	97
17) Carbon Disulfide	2.55	76	330649	143.759	ug/l	100
18) Methyl Acetate	2.76	43	151495	133.475	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	650611	141.524	ug/l	99
20) Methylene Chloride	2.84	84	213945	114.148	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	184604	136.467	ug/l	98
22) Diisopropyl ether	3.84	45	761493	141.612	ug/l	100
23) Vinyl Acetate	3.80	43	2443474	744.313	ug/l	99
24) 1,1-Dichloroethane	3.68	63	398653	138.888	ug/l	99
25) 2-Butanone	4.66	43	442974	723.366	ug/l	100
26) 2,2-Dichloropropane	4.56	77	361579	135.833	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	245973	138.011	ug/l	99
28) Bromochloromethane	5.00	49	190876	144.992	ug/l	99
29) Tetrahydrofuran	5.11	42	268127	721.937	ug/l	99
30) Chloroform	5.20	83	437793	133.304	ug/l	99
31) Cyclohexane	5.56	56	259610	134.488	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	376013	138.236	ug/l	100
36) 1,1-Dichloropropene	5.78	75	269689	136.844	ug/l	99
37) Ethyl Acetate	4.82	43	187295	143.883	ug/l	99
38) Carbon Tetrachloride	5.77	117	314757	139.453	ug/l	98

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VSTDICC150

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091019S.M
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	288357	139.048	ug/l	99
40) Benzene	6.13	78	825156	138.002	ug/l	100
41) Methacrylonitrile	5.03	41	114533	142.546	ug/l	95
42) 1,2-Dichloroethane	6.18	62	326720	135.216	ug/l	99
43) Isopropyl Acetate	6.43	43	384637	142.722	ug/l	99
44) Trichloroethene	7.20	130	220386	136.670	ug/l	98
45) 1,2-Dichloropropane	7.51	63	232150	137.553	ug/l	99
46) Dibromomethane	7.65	93	132016	137.534	ug/l	99
47) Bromodichloromethane	7.89	83	359949	140.106	ug/l	99
48) Methyl methacrylate	7.76	41	188777	145.766	ug/l	99
49) 1,4-Dioxane	7.73	88	51537	2835.324	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	1012410	722.021	ug/l	100
52) Toluene	8.78	92	542829	136.685	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	367376	143.430	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	399295	142.889	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	200915	137.913	ug/l	99
56) Ethyl methacrylate	9.17	69	291617	143.185	ug/l	99
57) 1,3-Dichloropropane	9.37	76	341366	137.084	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	731336	756.180	ug/l	100
59) 2-Hexanone	9.49	43	737397	740.180	ug/l	99
60) Dibromochloromethane	9.58	129	250654	145.061	ug/l	99
61) 1,2-Dibromoethane	9.67	107	190973	140.592	ug/l	98
64) Tetrachloroethene	9.33	164	178765	134.435	ug/l	100
65) Chlorobenzene	10.14	112	630639	132.147	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	252521	138.192	ug/l	99
67) Ethyl Benzene	10.24	91	1125459	134.453	ug/l	98
68) m/p-Xylenes	10.35	106	829303	268.626	ug/l	100
69) o-Xylene	10.70	106	412056	136.797	ug/l	100
70) Styrene	10.71	104	746161	137.757	ug/l	99
71) Bromoform	10.85	173	144864	152.047	ug/l #	99
73) Isopropylbenzene	11.01	105	1139031	131.932	ug/l	99
74) N-amyl acetate	10.89	43	388073	140.464	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	268901	138.573	ug/l	97
76) 1,2,3-Trichloropropane	11.29	75	296473	176.150	ug/l	88
77) Bromobenzene	11.25	156	270764	131.204	ug/l	99
78) n-propylbenzene	11.35	91	1365107	131.378	ug/l	99
79) 2-Chlorotoluene	11.42	91	858124	132.310	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	1028912	131.665	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	88375	145.022	ug/l	94
82) 4-Chlorotoluene	11.51	91	1014491	127.786	ug/l	100
83) tert-Butylbenzene	11.77	119	1002456	132.311	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	1069259	132.295	ug/l	98
85) sec-Butylbenzene	11.94	105	1180479	132.553	ug/l	100
86) p-Isopropyltoluene	12.06	119	1117122	135.293	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	543387	132.778	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	551375	134.353	ug/l	99
89) n-Butylbenzene	12.38	91	1075843	135.816	ug/l	100
90) Hexachloroethane	12.59	117	218679	144.413	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	508686	132.833	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	56244	146.212	ug/l	93

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091019\
Quantitation Report (Not Reviewed)

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ClientSampleId :
VSTDICC150

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Quant Title : SW846 8260
QLast Update : Tue Sep 10 11:06:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	373009	147.301	ug/l	99
94) Hexachlorobutadiene	13.78	225	181269	147.967	ug/l	97
95) Naphthalene	13.83	128	845614	152.082	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	333578	150.643	ug/l	99

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

Data File : VX012250.D

Acq On : 10 Sep 2019 11:22

Operator : SY/SP

Sample : VSTDICC150

Misc : 5.00g/5.0mL/MSV0A_X/SOIL

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ALS Vial      : 7      Sample Multiplier: 1
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Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

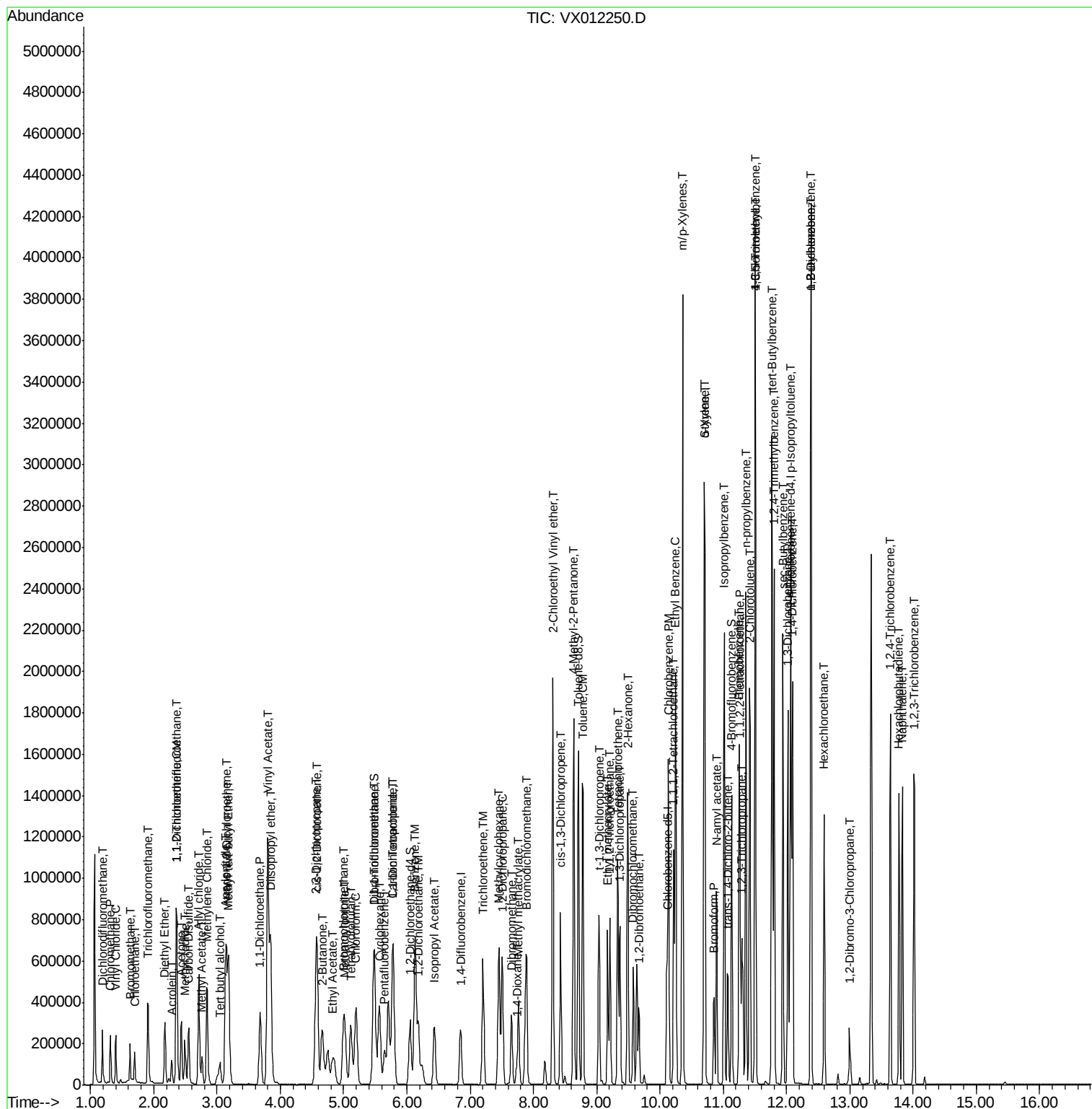
Quant Time: Sep 10 11:46:52 2019

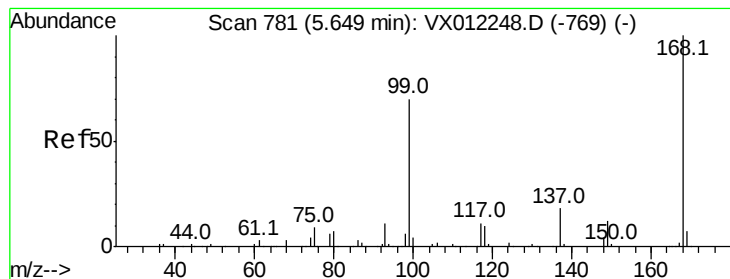
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091019S.M

Quant Title : SW846 8260

QLast Update : Tue Sep 10 11:06:12 2019

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX012250.D

Acq: 10 Sep 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

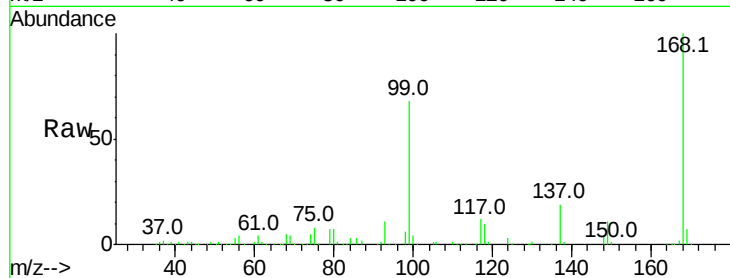
VSTDIC150

Tgt Ion:168 Resp: 141916

Ion Ratio Lower Upper

168 100

99 68.2 55.8 83.6

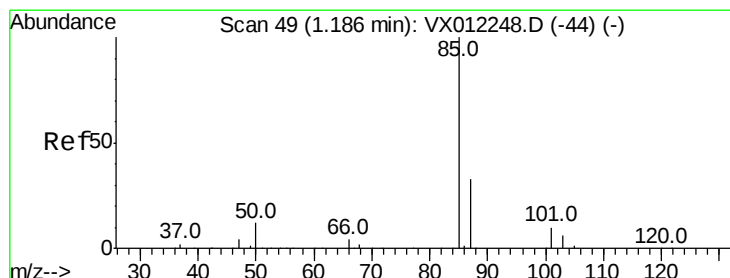
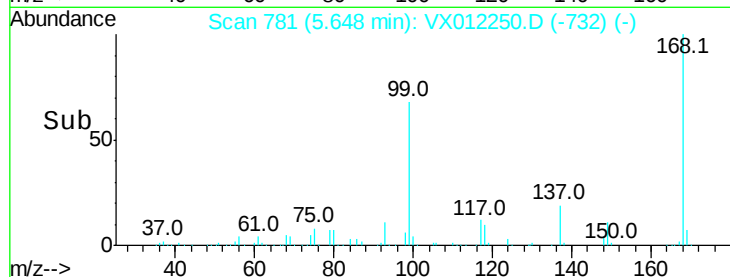


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

Time-->



#2

Dichlorodifluoromethane

Concen: 132.465 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX012250.D

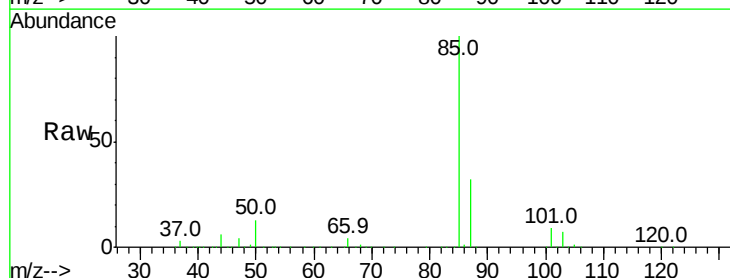
Acq: 10 Sep 2019 11:22

Tgt Ion: 85 Resp: 150281

Ion Ratio Lower Upper

85 100

87 32.5 16.7 50.0

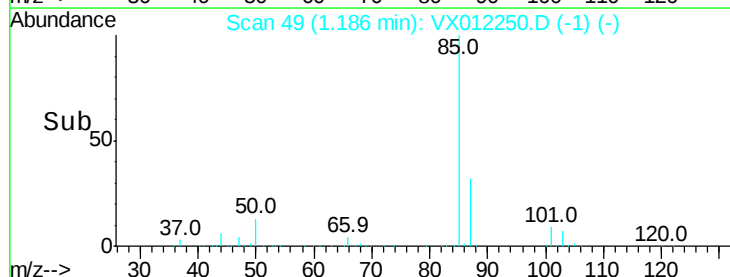


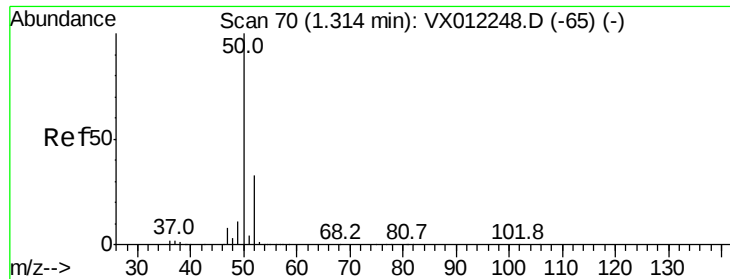
Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

Time-->





#3

Chloromethane

Concen: 134.807 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX012250.D

Acq: 10 Sep 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

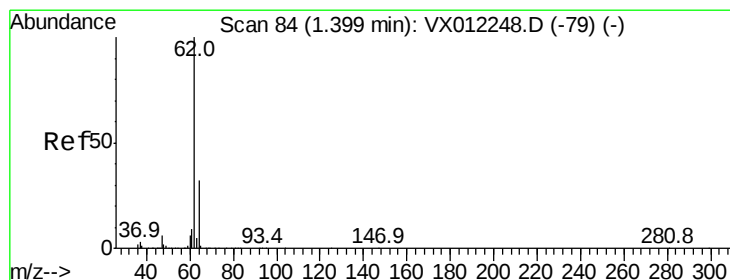
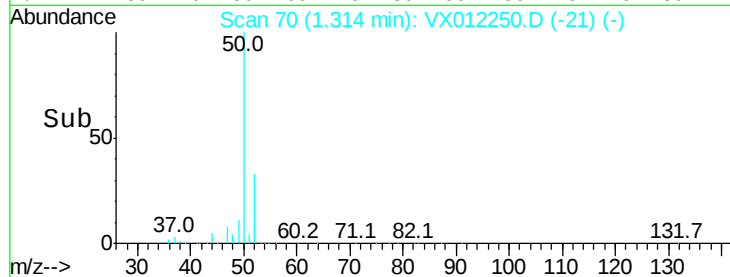
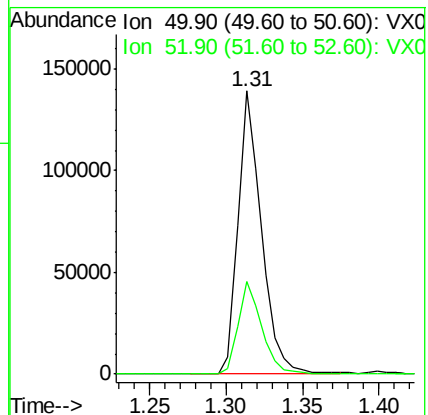
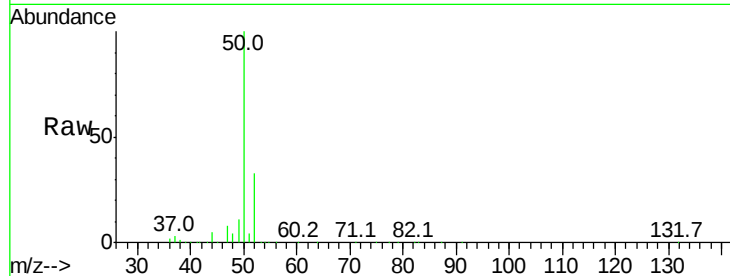
VSTDIC150

Tgt Ion: 50 Resp: 147395

Ion Ratio Lower Upper

50 100

52 32.8 26.7 40.1



#4

Vinyl Chloride

Concen: 143.292 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX012250.D

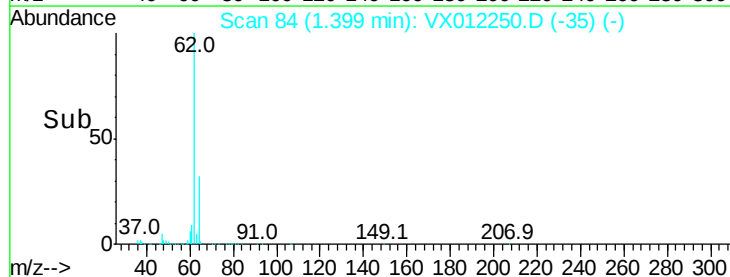
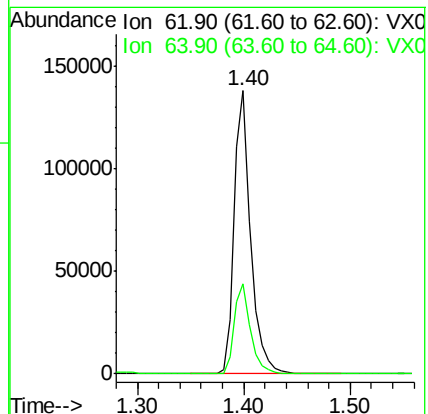
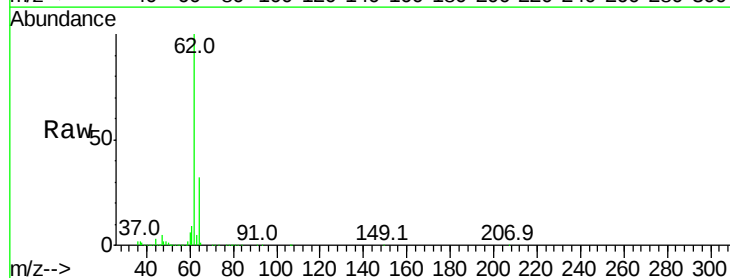
Acq: 10 Sep 2019 11:22

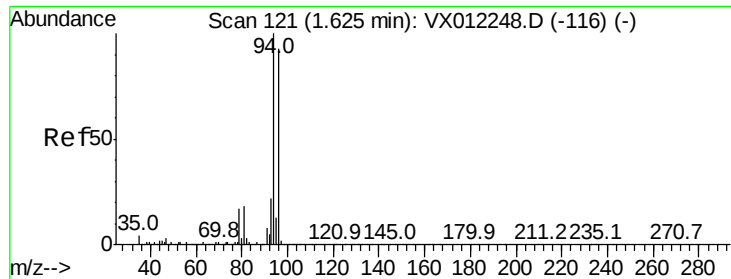
Tgt Ion: 62 Resp: 150047

Ion Ratio Lower Upper

62 100

64 31.8 25.5 38.3





#5

Bromomethane

Concen: 147.059 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX012250.D

Acq: 10 Sep 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

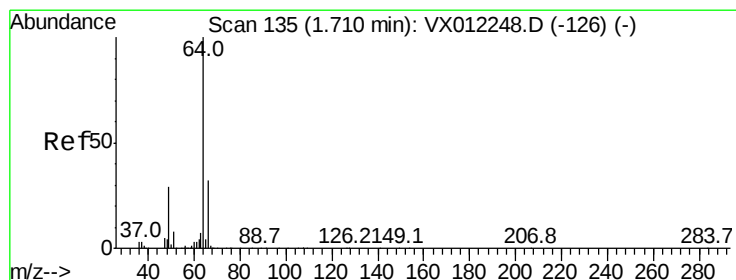
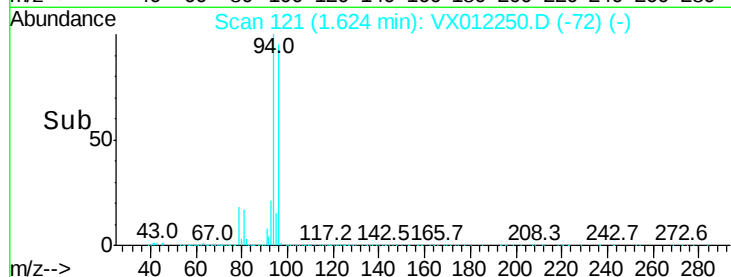
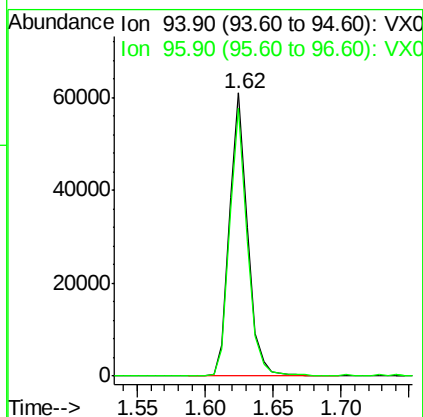
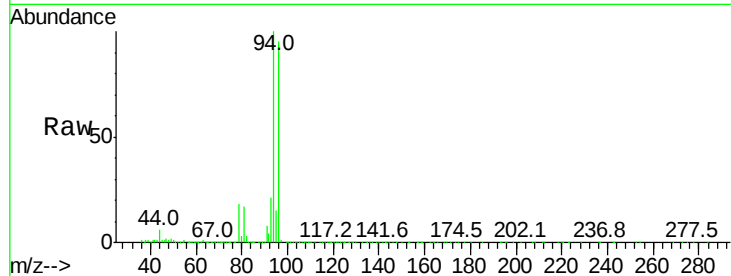
VSTDIC150

Tgt Ion: 94 Resp: 55831

Ion Ratio Lower Upper

94 100

96 94.6 74.0 111.0



#6

Chloroethane

Concen: 141.526 ug/l

RT: 1.70 min Scan# 133

Delta R.T. -0.01 min

Lab File: VX012250.D

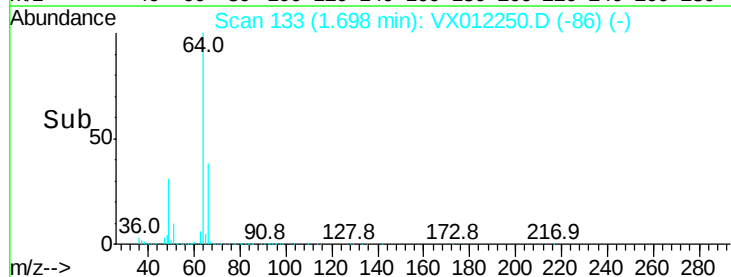
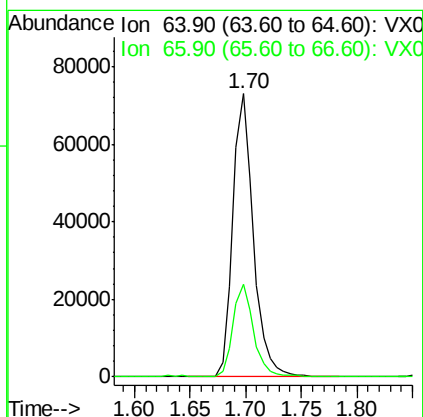
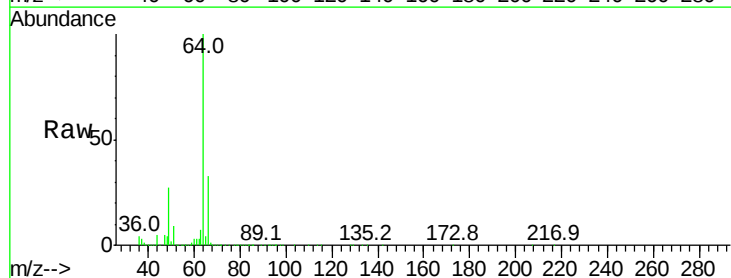
Acq: 10 Sep 2019 11:22

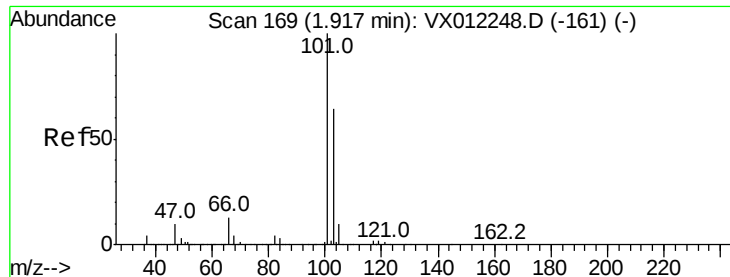
Tgt Ion: 64 Resp: 93036

Ion Ratio Lower Upper

64 100

66 32.7 25.8 38.6



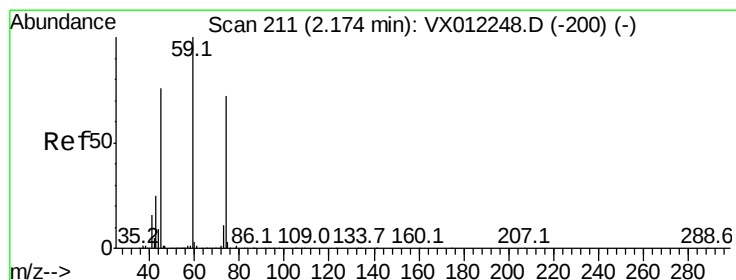
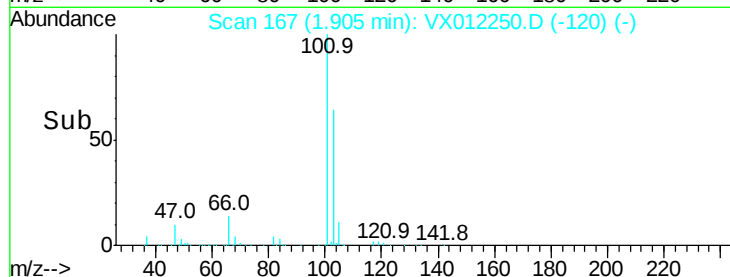
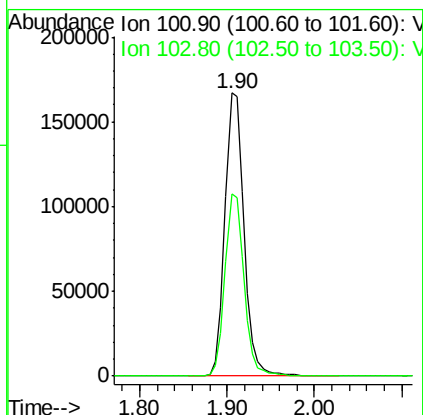
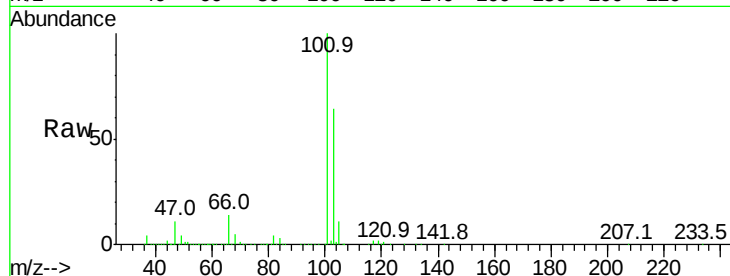


#7

Trichlorofluoromethane
 Concen: 141.647 ug/l
 RT: 1.90 min Scan# 167
 Delta R.T. -0.01 min
 Lab File: VX012250.D
 Acq: 10 Sep 2019 11:22

Instrument :
 MSVOA_X
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 VSTDIC150

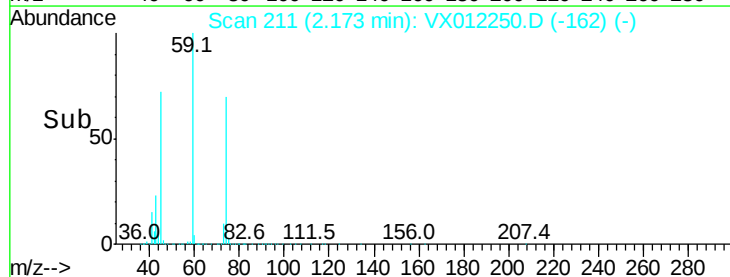
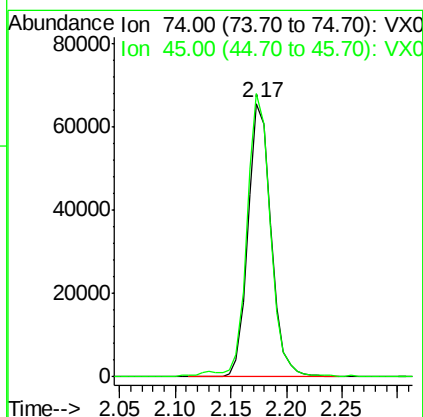
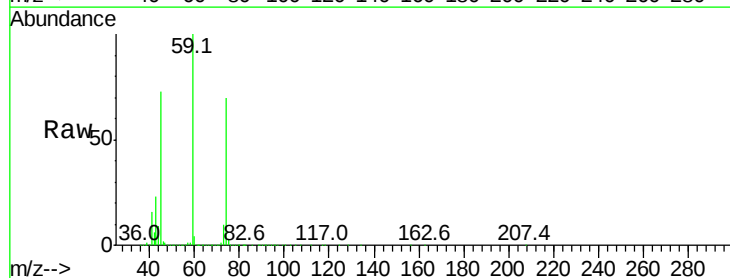
Tgt Ion: 101 Resp: 252309
 Ion Ratio Lower Upper
 101 100
 103 64.5 51.4 77.2

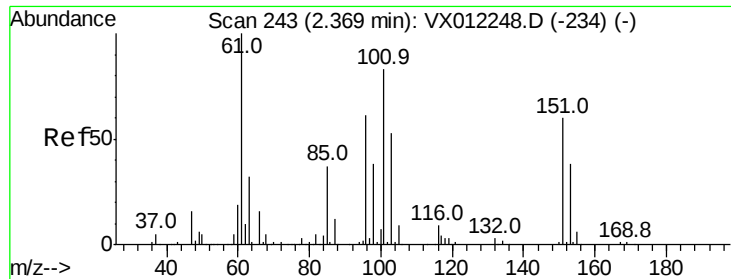


#8

Diethyl Ether
 Concen: 119.611 ug/l
 RT: 2.17 min Scan# 211
 Delta R.T. -0.00 min
 Lab File: VX012250.D
 Acq: 10 Sep 2019 11:22

Tgt Ion: 74 Resp: 94683
 Ion Ratio Lower Upper
 74 100
 45 103.0 51.3 153.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 136.457 ug/l

RT: 2.36 min Scan# 242

Delta R.T. -0.01 min

Lab File: VX012250.D

Acq: 10 Sep 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

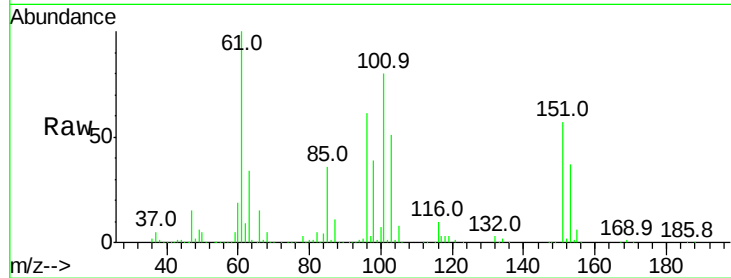
Tgt Ion:101 Resp: 181066

Ion Ratio Lower Upper

101 100

85 45.6 37.0 55.6

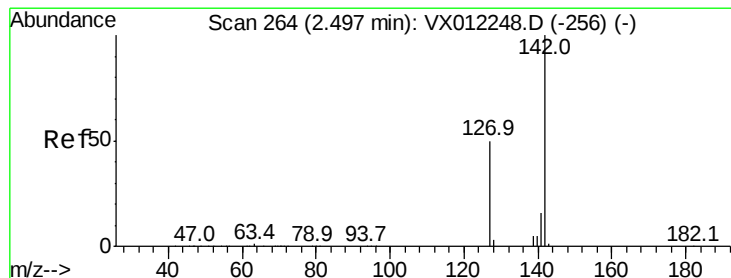
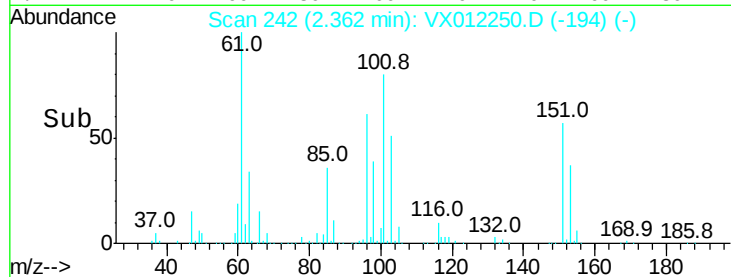
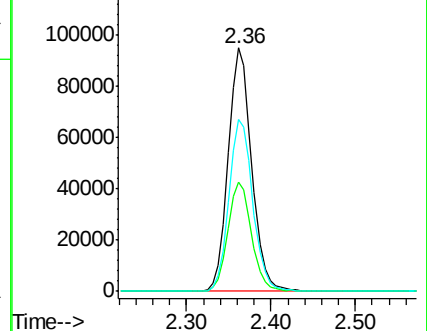
151 72.0 58.6 87.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 160.289 ug/l

RT: 2.49 min Scan# 263

Delta R.T. -0.01 min

Lab File: VX012250.D

Acq: 10 Sep 2019 11:22

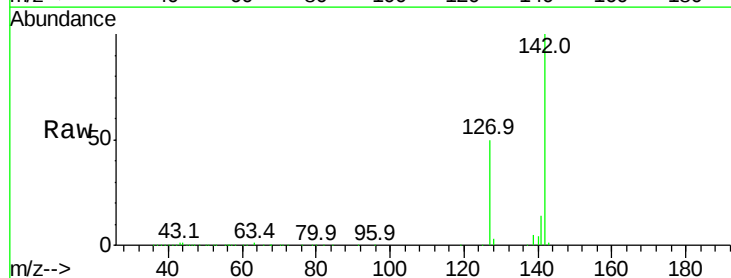
Tgt Ion:142 Resp: 208884

Ion Ratio Lower Upper

142 100

127 50.5 40.6 61.0

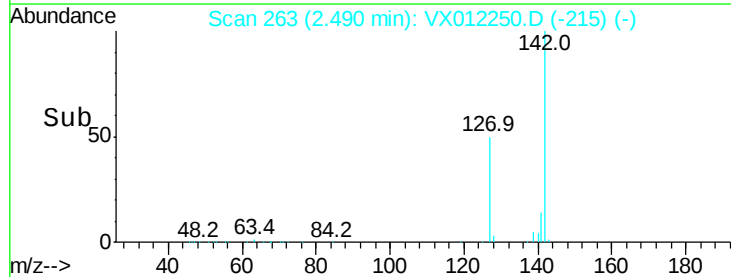
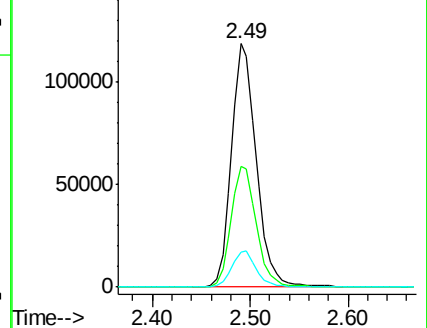
141 14.8 12.0 18.0

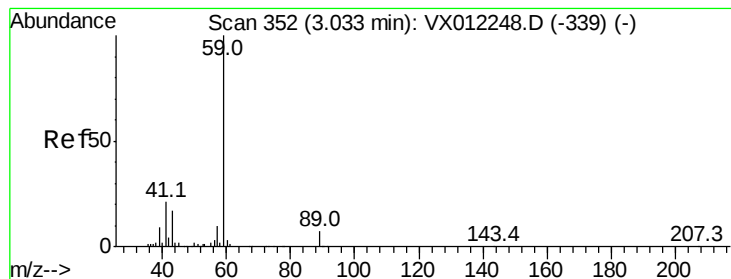


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



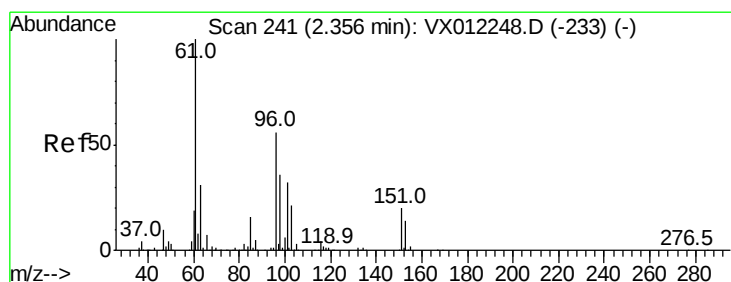
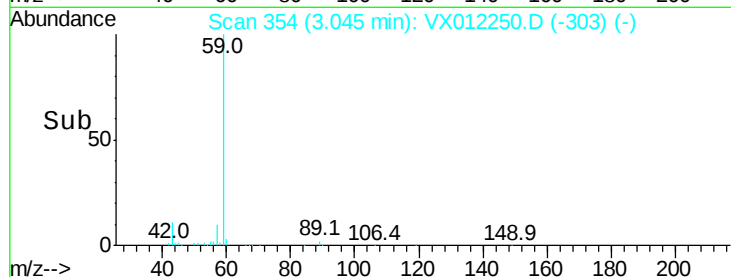
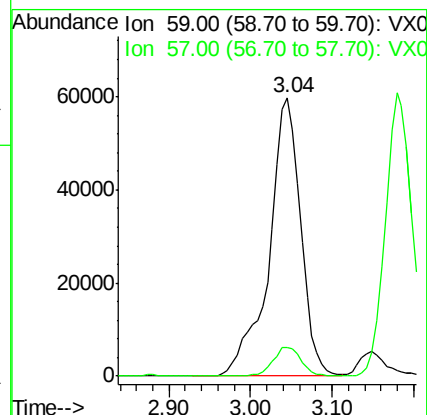
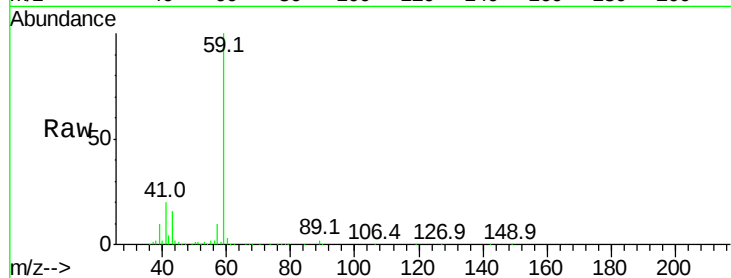


#11

Tert butyl alcohol
Concen: 816.191 ug/l
RT: 3.04 min Scan# 354
Delta R.T. 0.01 min
Lab File: VX012250.D
Acq: 10 Sep 2019 11:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

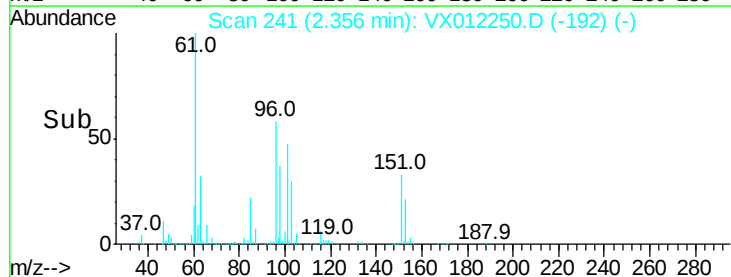
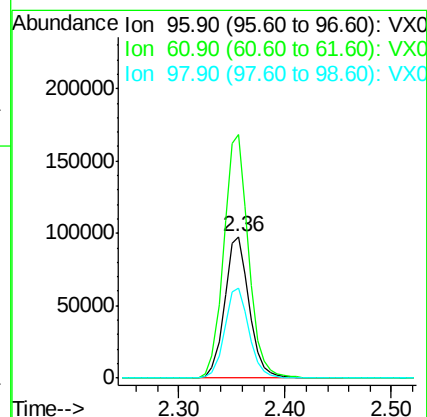
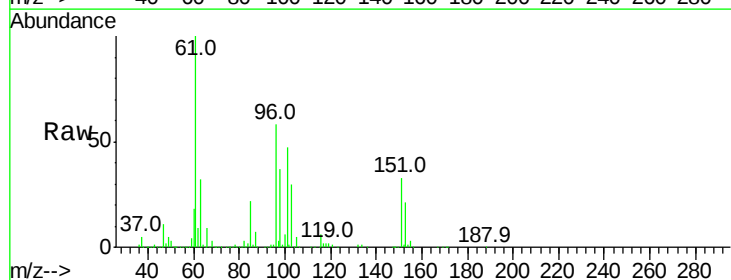
Tgt Ion: 59 Resp: 160381
Ion Ratio Lower Upper
59 100
57 9.4 7.8 11.6

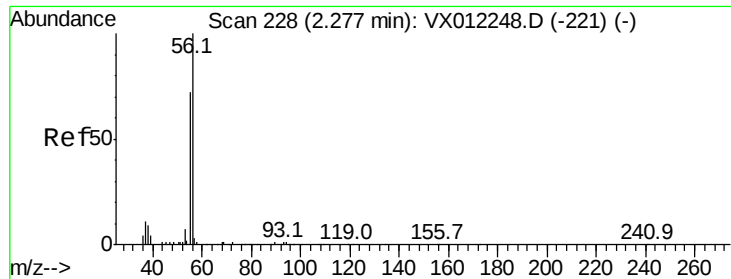


#12

1,1-Dichloroethene
Concen: 140.345 ug/l
RT: 2.36 min Scan# 241
Delta R.T. -0.00 min
Lab File: VX012250.D
Acq: 10 Sep 2019 11:22

Tgt Ion: 96 Resp: 156847
Ion Ratio Lower Upper
96 100
61 172.4 142.2 213.2
98 64.2 51.3 76.9





#13

Acrolein

Concen: 659.773 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.01 min

Lab File: VX012250.D

Acq: 10 Sep 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

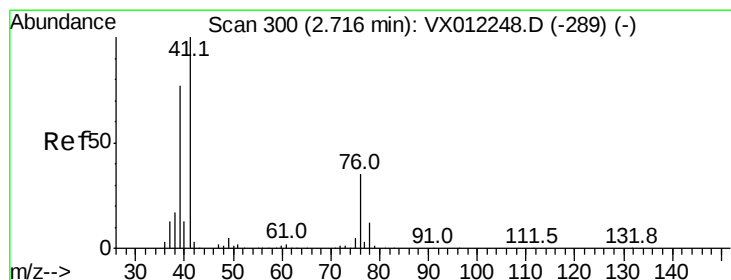
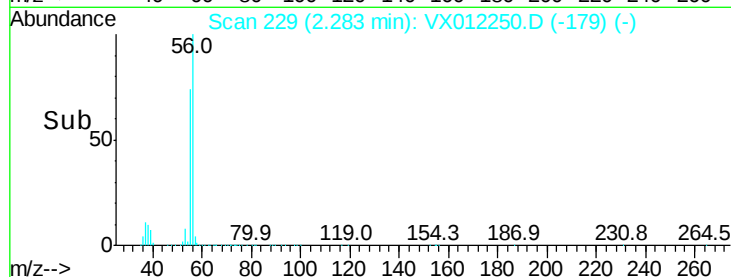
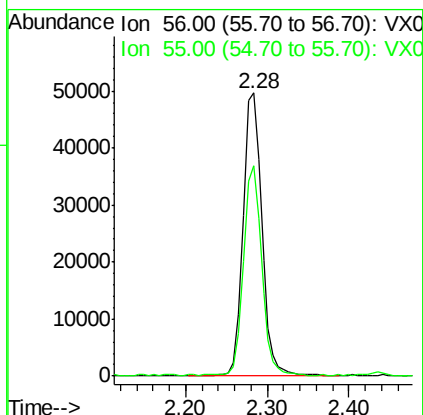
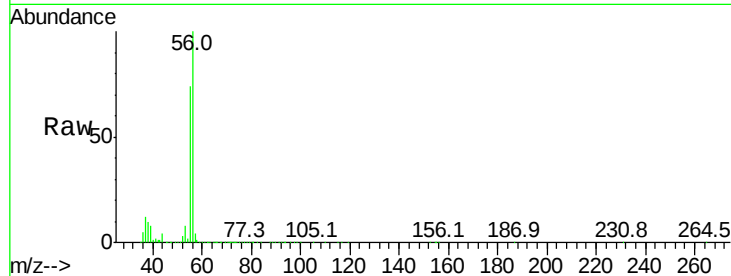
VSTDIC150

Tgt Ion: 56 Resp: 78597

Ion Ratio Lower Upper

56 100

55 71.4 59.8 89.6



#14

Allyl chloride

Concen: 143.550 ug/l

RT: 2.71 min Scan# 299

Delta R.T. -0.01 min

Lab File: VX012250.D

Acq: 10 Sep 2019 11:22

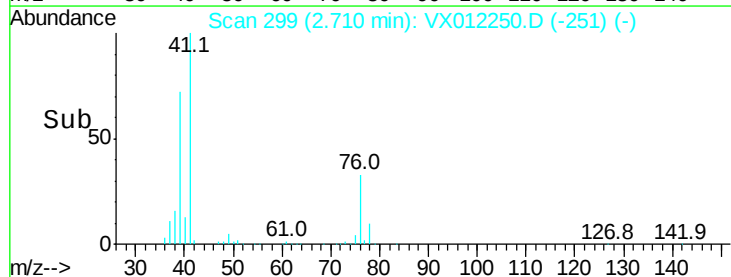
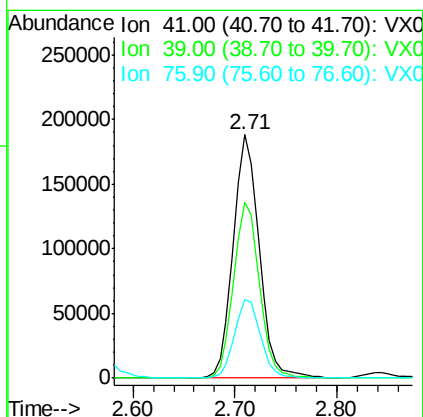
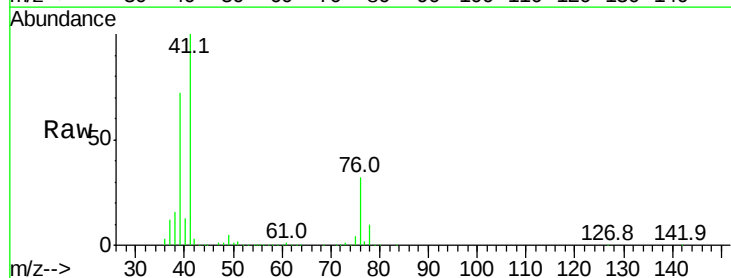
Tgt Ion: 41 Resp: 331080

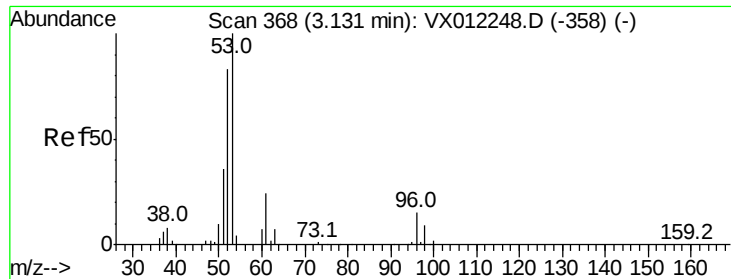
Ion Ratio Lower Upper

41 100

39 71.7 58.6 87.8

76 32.3 26.3 39.5





#15

Acrylonitrile

Concen: 707.109 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX012250.D

Acq: 10 Sep 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

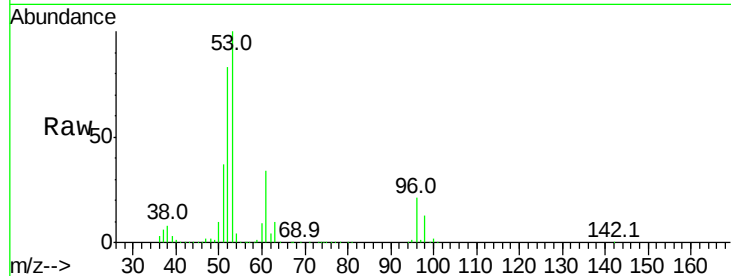
Tgt Ion: 53 Resp: 309343

Ion Ratio Lower Upper

53 100

52 83.0 66.8 100.2

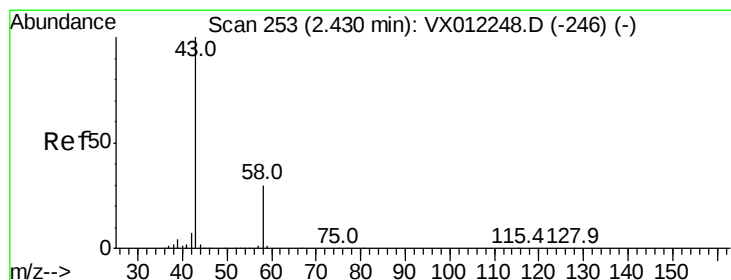
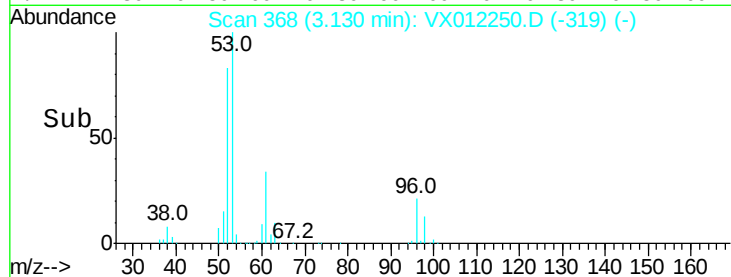
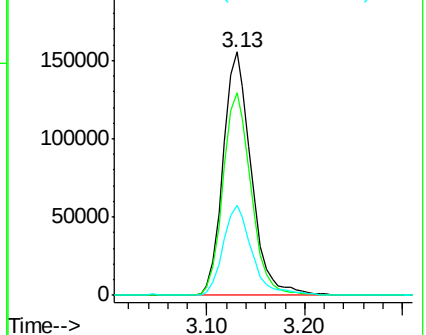
51 38.1 30.7 46.1



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 712.875 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.01 min

Lab File: VX012250.D

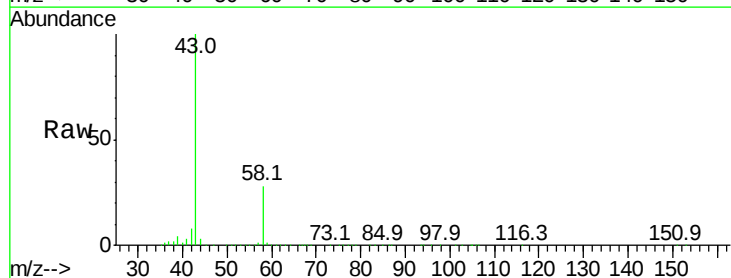
Acq: 10 Sep 2019 11:22

Tgt Ion: 43 Resp: 318421

Ion Ratio Lower Upper

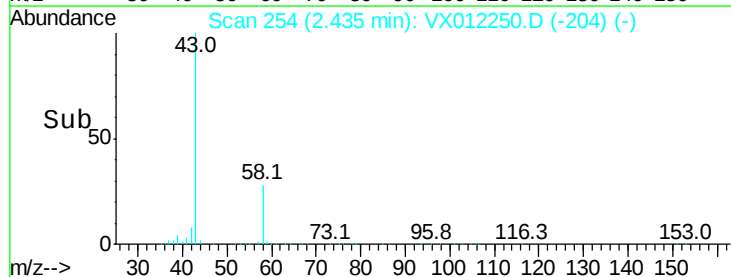
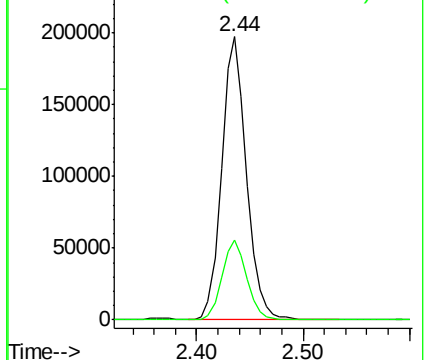
43 100

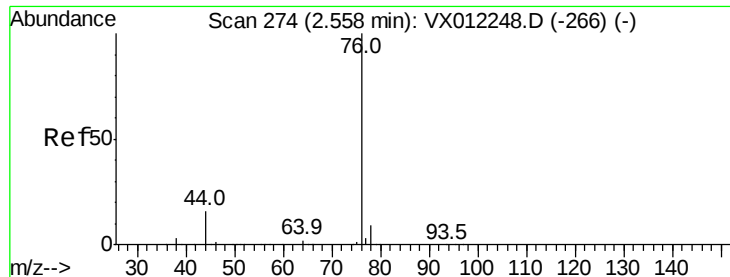
58 28.0 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

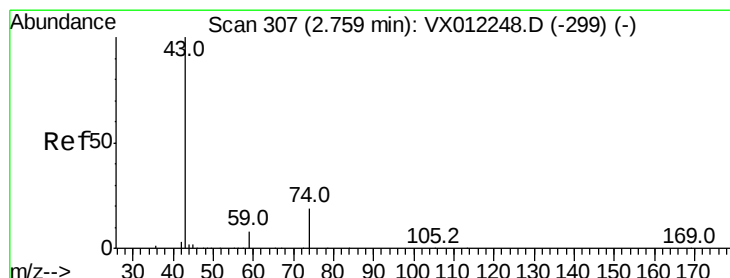
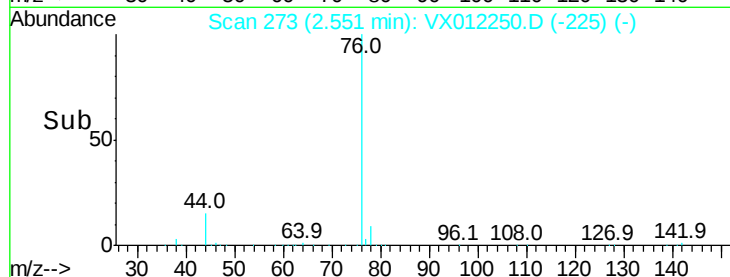
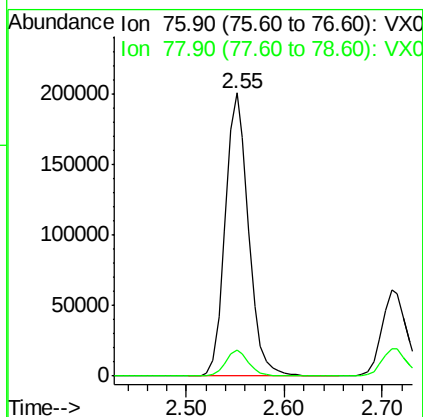
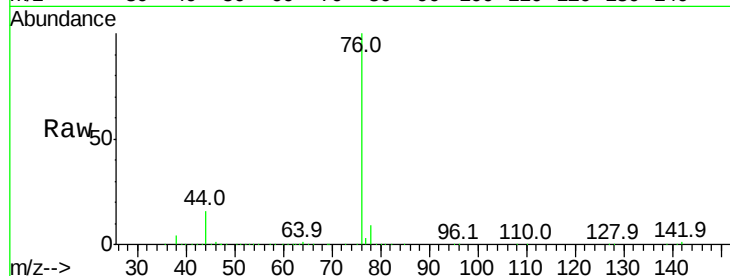




#17
Carbon Disulfide
Concen: 143.759 ug/l
RT: 2.55 min Scan# 273
Delta R.T. -0.01 min
Lab File: VX012250.D
Acq: 10 Sep 2019 11:22

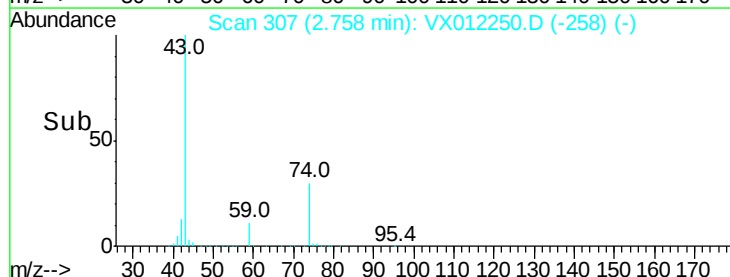
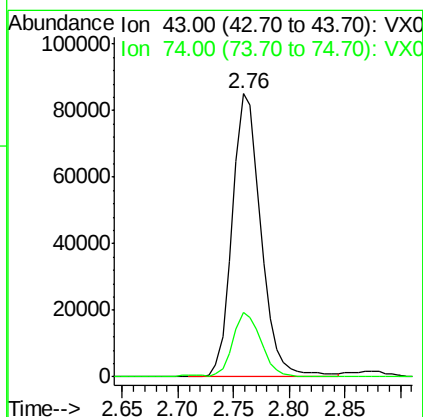
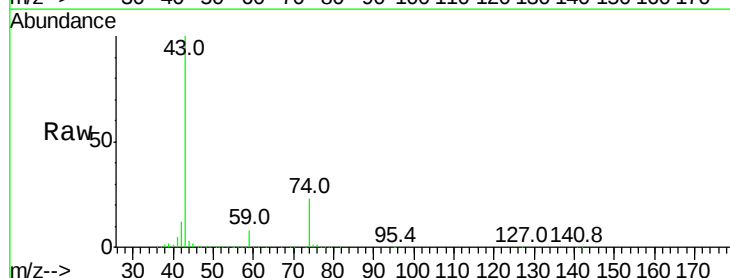
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

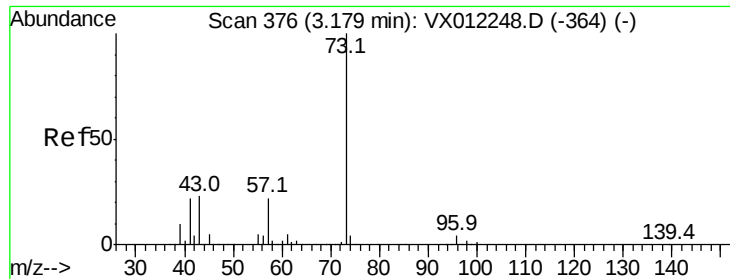
Tgt Ion: 76 Resp: 330649
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2



#18
Methyl Acetate
Concen: 133.475 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.00 min
Lab File: VX012250.D
Acq: 10 Sep 2019 11:22

Tgt Ion: 43 Resp: 151495
Ion Ratio Lower Upper
43 100
74 23.0 18.3 27.5





#19

Methyl tert-butyl Ether

Concen: 141.524 ug/l

RT: 3.18 min Scan# 376

Delta R.T. -0.00 min

Lab File: VX012250.D

Acq: 10 Sep 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

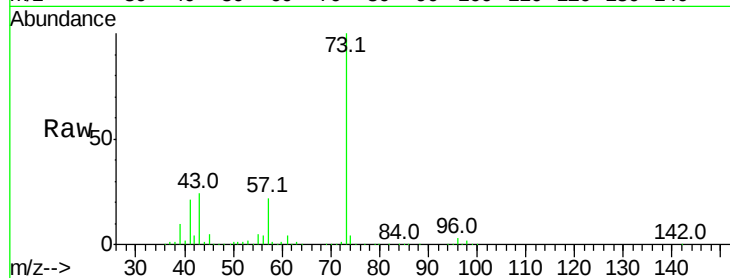
VSTDIC150

Tgt Ion: 73 Resp: 650611

Ion Ratio Lower Upper

73 100

57 21.8 17.7 26.5



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.18

250000

200000

150000

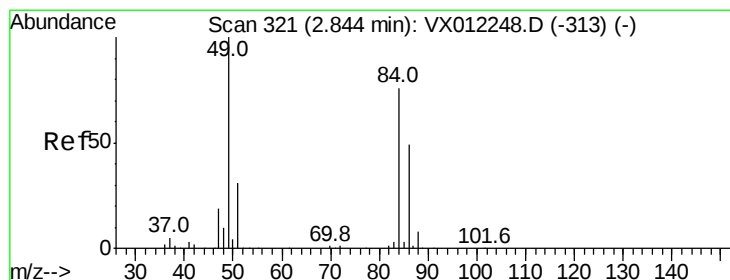
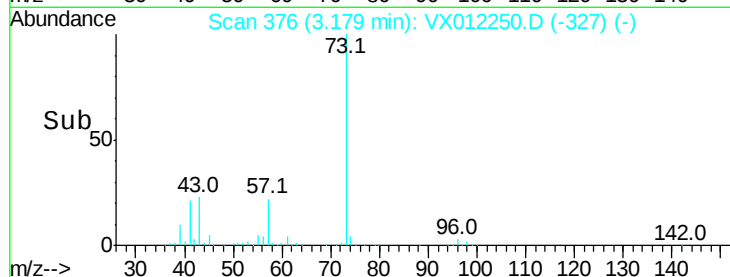
100000

50000

0

3.10 3.20 3.30

Time-->



#20

Methylene Chloride

Concen: 114.148 ug/l

RT: 2.84 min Scan# 320

Delta R.T. -0.01 min

Lab File: VX012250.D

Acq: 10 Sep 2019 11:22

Tgt Ion: 84 Resp: 213945

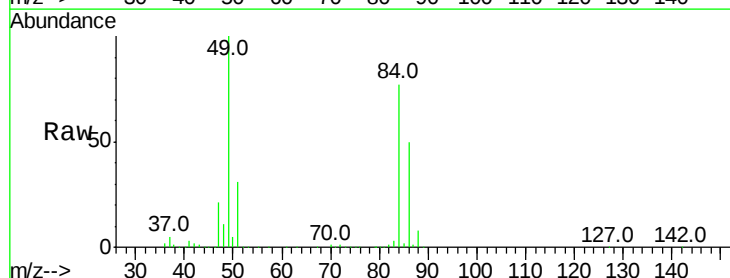
Ion Ratio Lower Upper

84 100

49 129.8 105.0 157.6

51 39.8 32.6 48.8

86 64.4 51.8 77.6



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

200000

150000

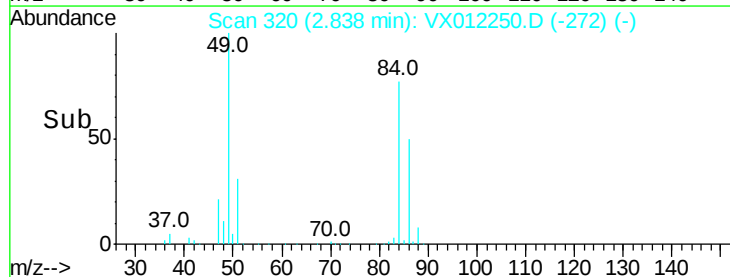
100000

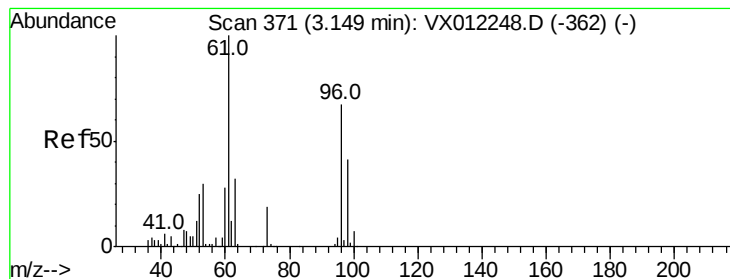
50000

0

2.70 2.80 2.90 3.00

Time-->





#21

trans-1,2-Dichloroethene

Concen: 136.467 ug/l

RT: 3.15 min Scan# 371

Delta R.T. -0.00 min

Lab File: VX012250.D

Acq: 10 Sep 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

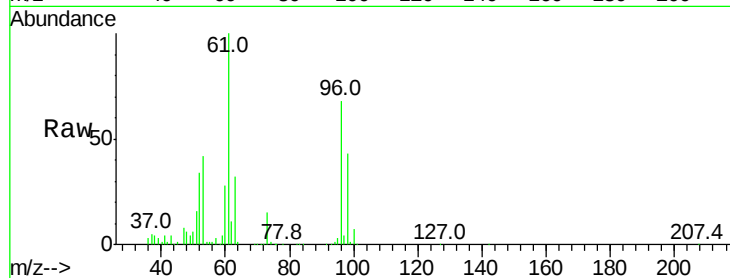
Tgt Ion: 96 Resp: 184604

Ion Ratio Lower Upper

96 100

61 148.0 119.4 179.2

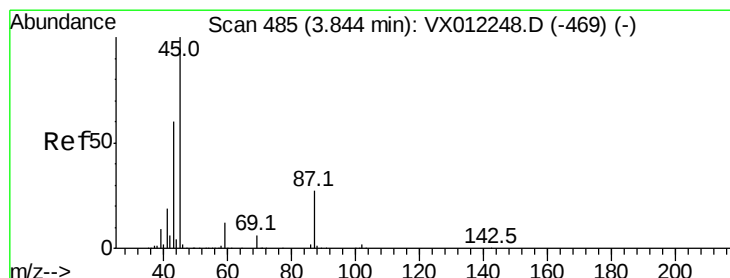
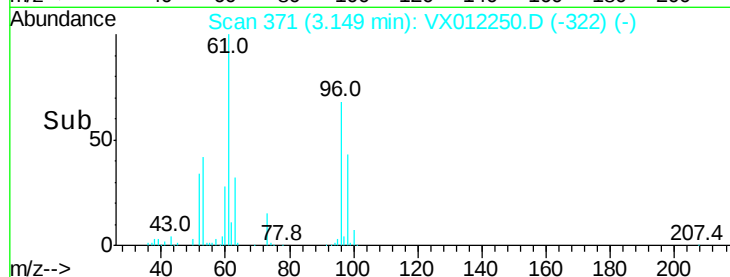
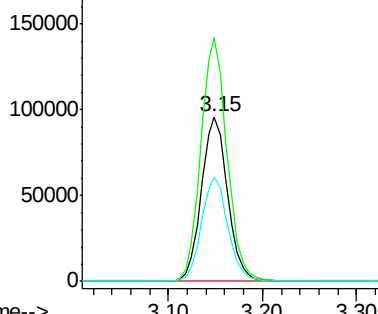
98 63.1 48.4 72.6



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: 141.612 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX012250.D

Acq: 10 Sep 2019 11:22

Tgt Ion: 45 Resp: 761493

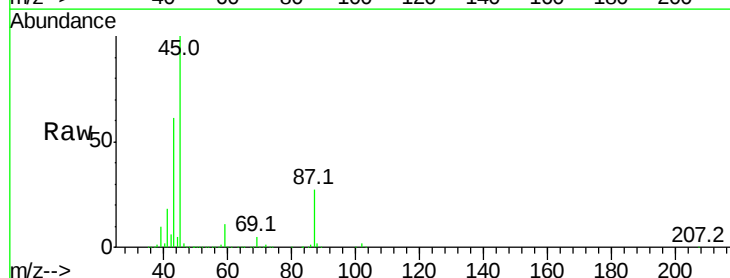
Ion Ratio Lower Upper

45 100

43 60.5 48.3 72.5

87 27.4 21.8 32.8

59 11.3 9.1 13.7

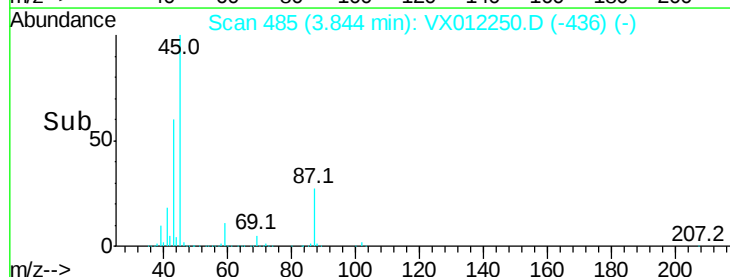
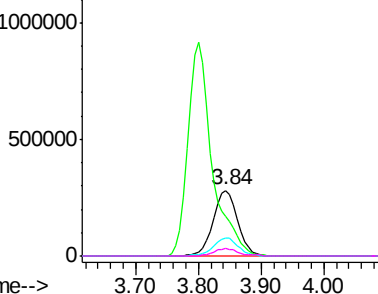


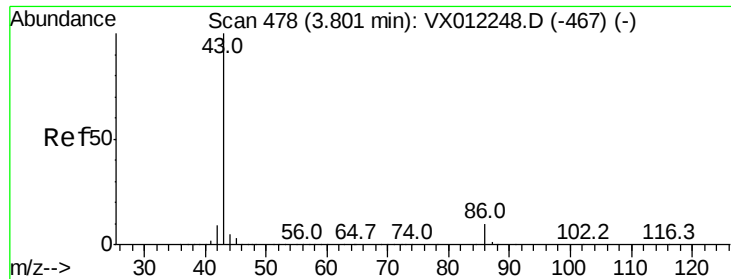
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 744.313 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX012250.D

Acq: 10 Sep 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

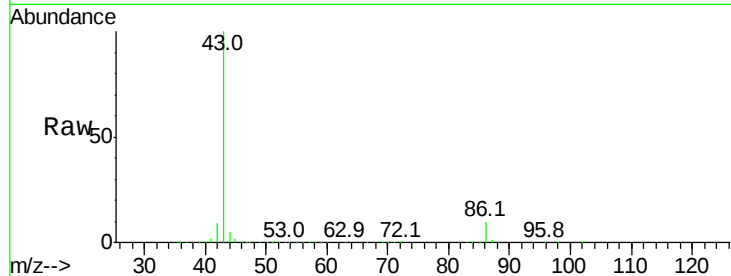
VSTDIC150

Tgt Ion: 43 Resp: 2443474

Ion Ratio Lower Upper

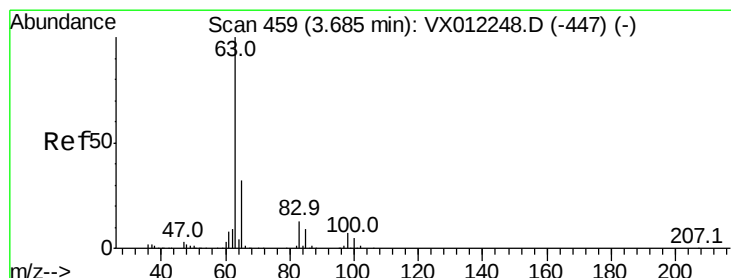
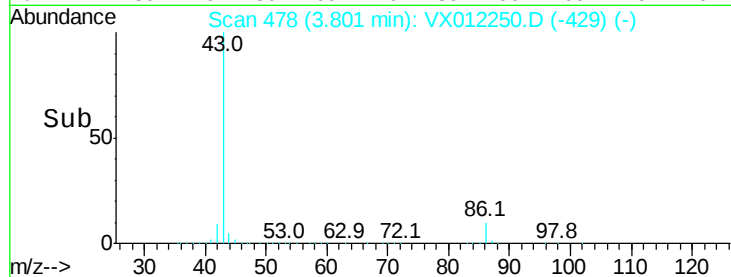
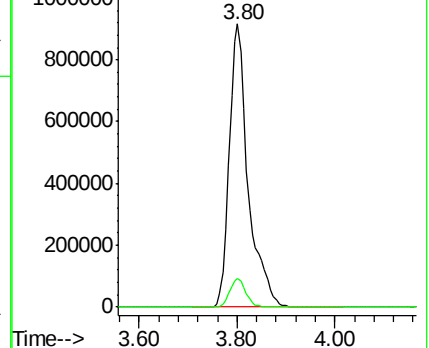
43 100

86 10.0 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 138.888 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.01 min

Lab File: VX012250.D

Acq: 10 Sep 2019 11:22

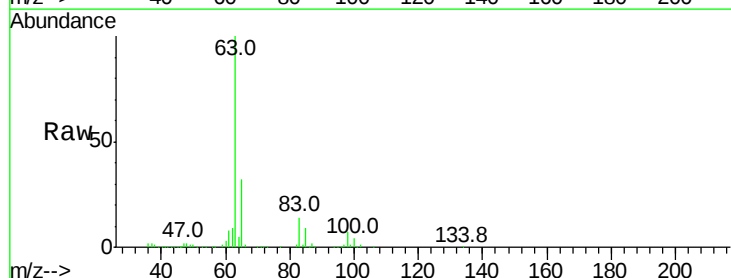
Tgt Ion: 63 Resp: 398653

Ion Ratio Lower Upper

63 100

98 6.8 3.4 10.1

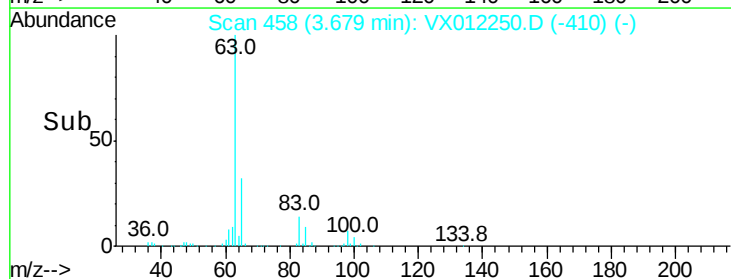
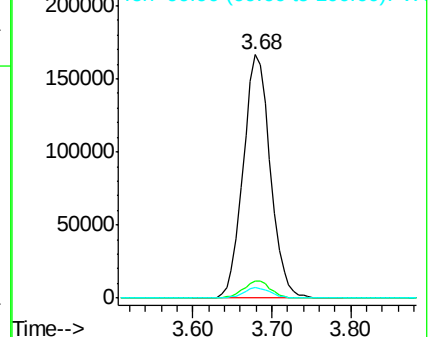
100 4.3 2.4 7.2

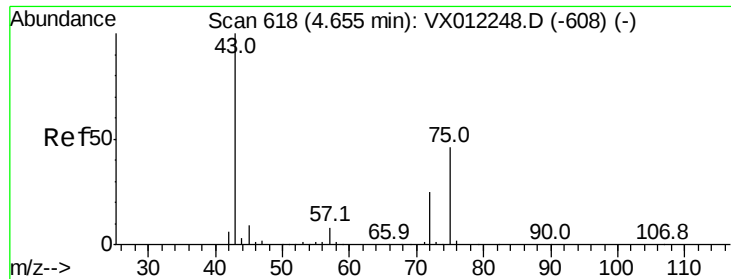


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 723.366 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX012250.D

Acq: 10 Sep 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

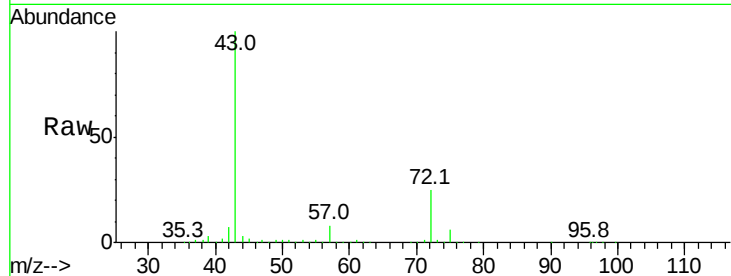
VSTDIC150

Tgt Ion: 43 Resp: 442974

Ion Ratio Lower Upper

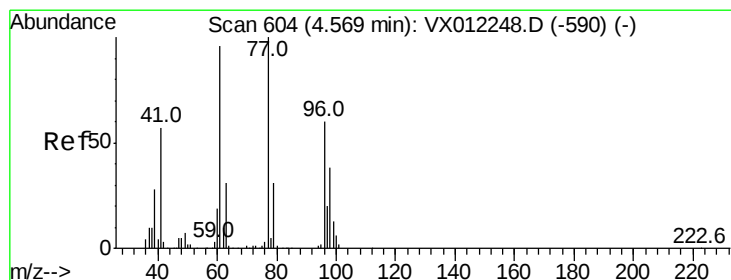
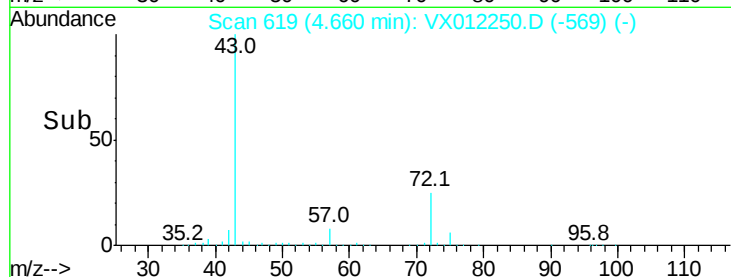
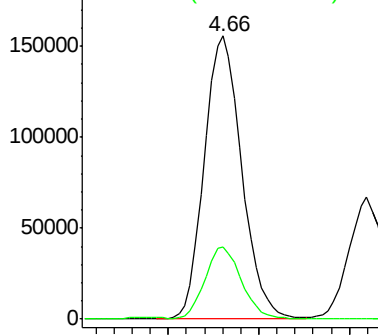
43 100

72 25.3 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 135.833 ug/l

RT: 4.56 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX012250.D

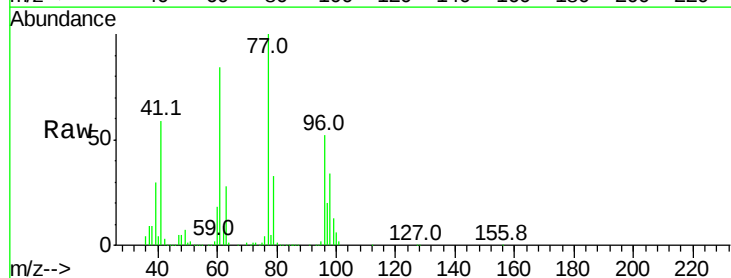
Acq: 10 Sep 2019 11:22

Tgt Ion: 77 Resp: 361579

Ion Ratio Lower Upper

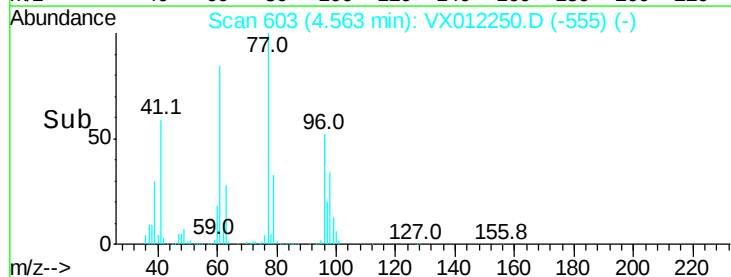
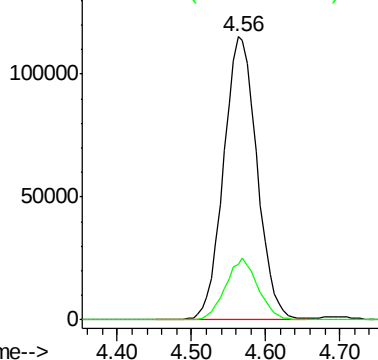
77 100

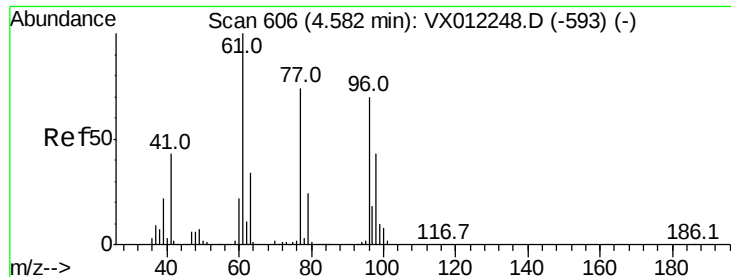
97 21.1 10.7 32.1



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



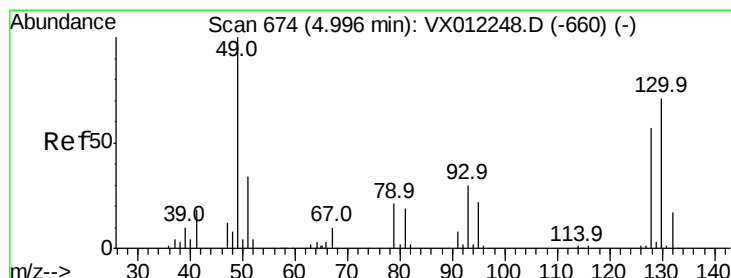
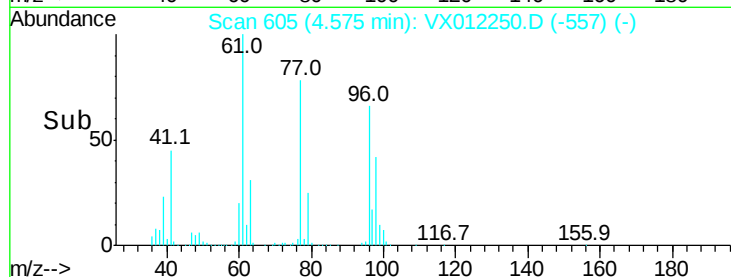
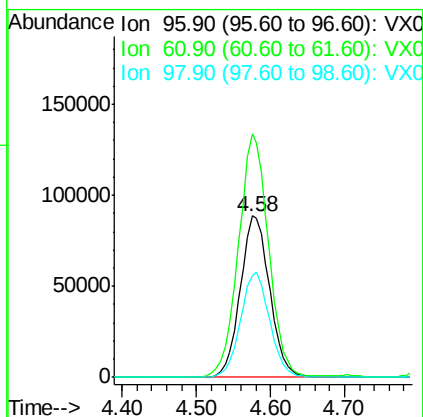
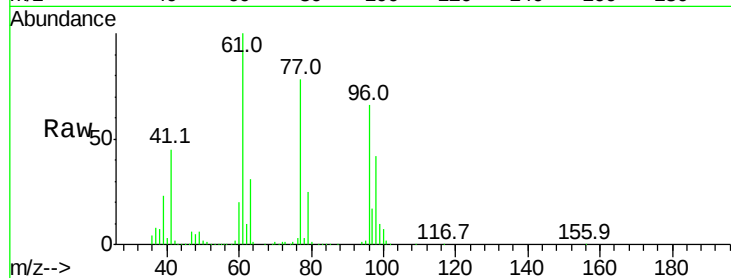


#27

cis-1,2-Dichloroethene
Concen: 138.011 ug/l
RT: 4.58 min Scan# 605
Delta R.T. -0.01 min
Lab File: VX012250.D
Acq: 10 Sep 2019 11:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

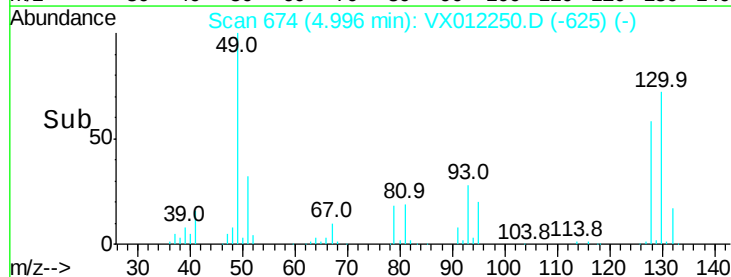
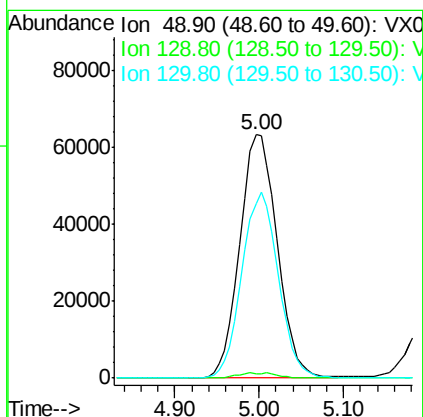
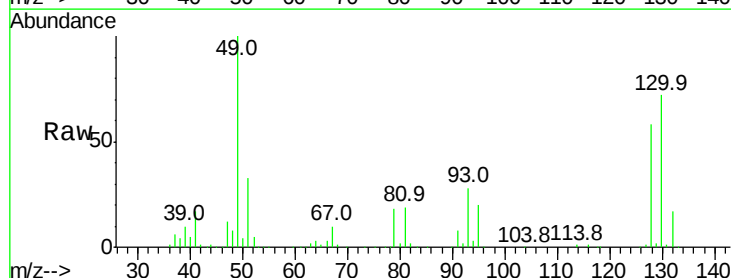
Tgt Ion: 96 Resp: 245973
Ion Ratio Lower Upper
96 100
61 154.0 0.0 310.4
98 64.5 0.0 128.8

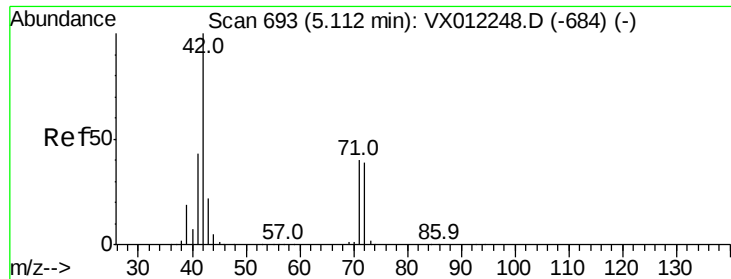


#28

Bromochloromethane
Concen: 144.992 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.00 min
Lab File: VX012250.D
Acq: 10 Sep 2019 11:22

Tgt Ion: 49 Resp: 190876
Ion Ratio Lower Upper
49 100
129 2.2 0.0 5.2
130 74.6 60.1 90.1

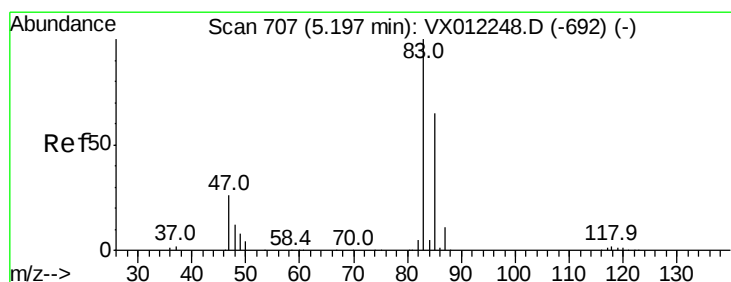
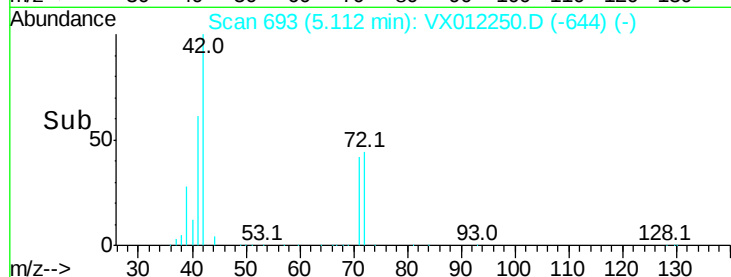
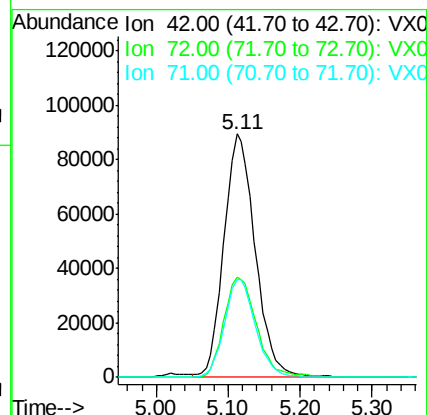
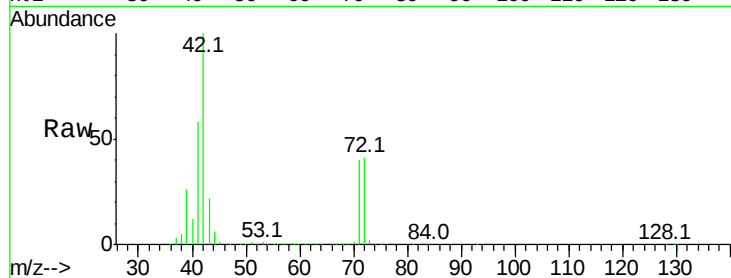




#29
Tetrahydrofuran
Concen: 721.937 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.00 min
Lab File: VX012250.D
Acq: 10 Sep 2019 11:22

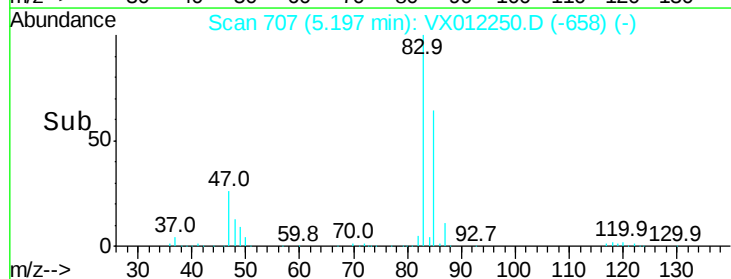
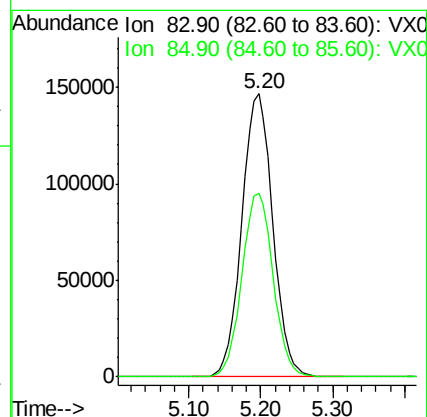
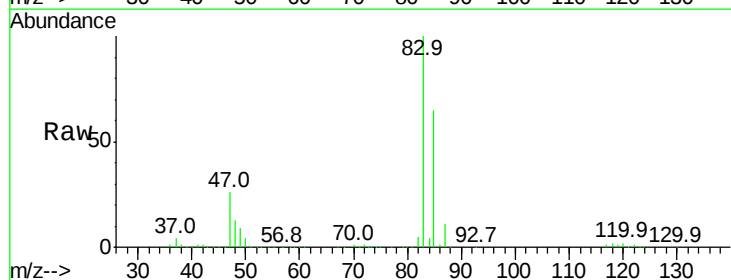
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

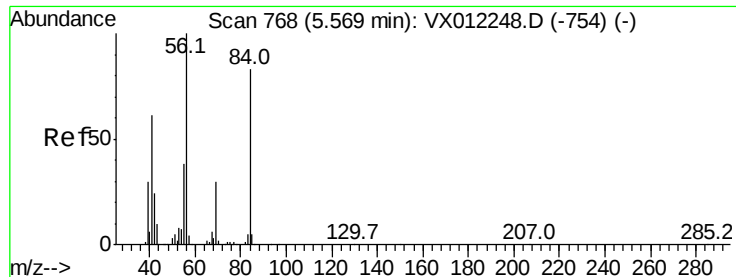
Tgt Ion: 42 Resp: 268127
Ion Ratio Lower Upper
42 100
72 43.6 35.2 52.8
71 40.2 32.5 48.7



#30
Chloroform
Concen: 133.304 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.00 min
Lab File: VX012250.D
Acq: 10 Sep 2019 11:22

Tgt Ion: 83 Resp: 437793
Ion Ratio Lower Upper
83 100
85 64.7 52.3 78.5

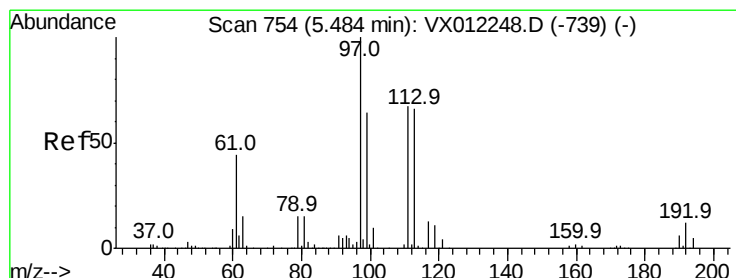
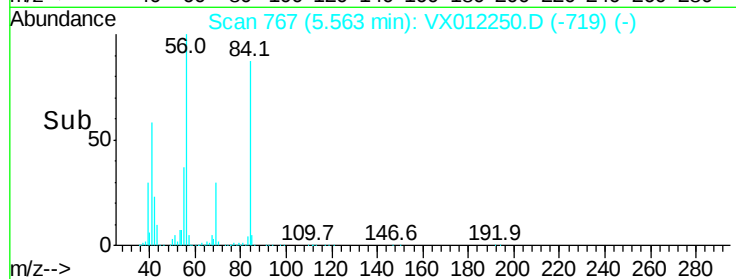
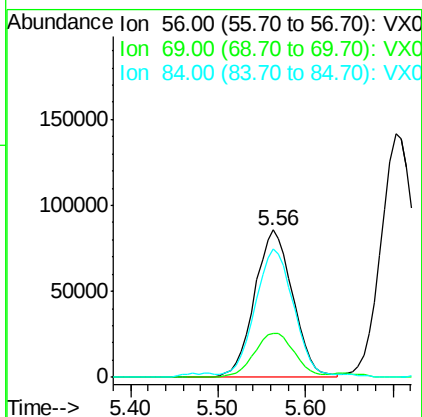
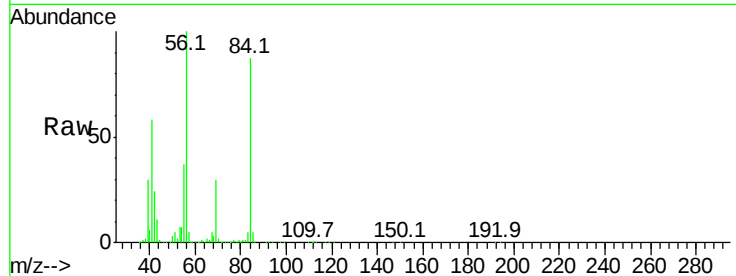




#31
Cyclohexane
Concen: 134.488 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX012250.D
Acq: 10 Sep 2019 11:22

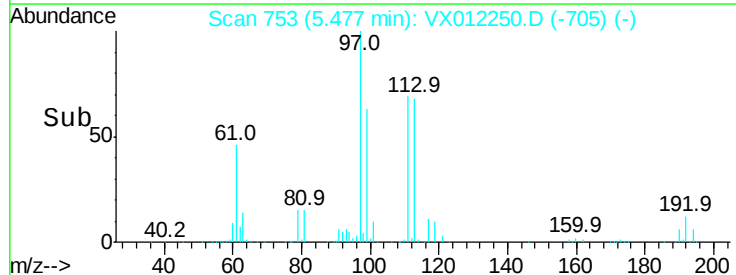
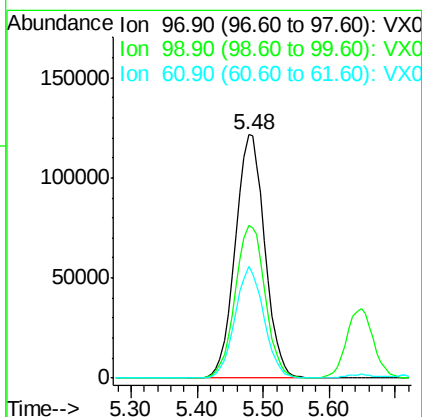
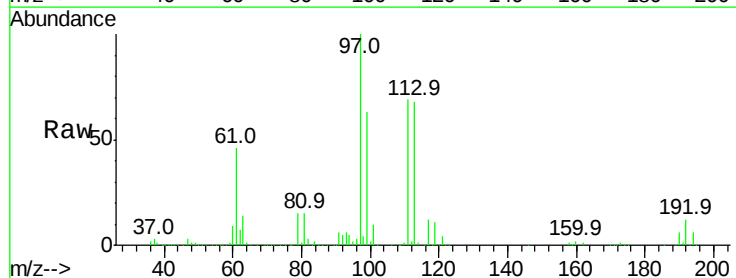
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

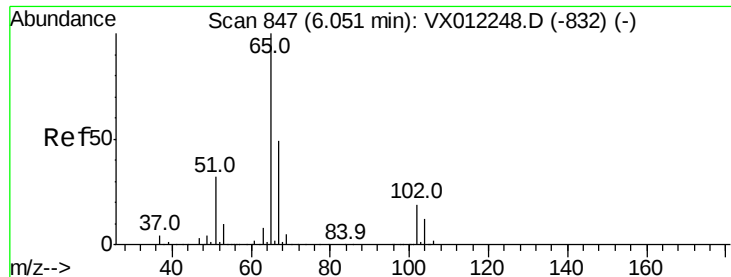
Tgt Ion: 56 Resp: 259610
Ion Ratio Lower Upper
56 100
69 29.6 23.8 35.6
84 84.9 66.6 100.0



#32
1,1,1-Trichloroethane
Concen: 138.236 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX012250.D
Acq: 10 Sep 2019 11:22

Tgt Ion: 97 Resp: 376013
Ion Ratio Lower Upper
97 100
99 63.9 51.3 76.9
61 44.8 35.4 53.0





#33

1,2-Dichloroethane-d4

Concen: 145.404 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX012250.D

Acq: 10 Sep 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

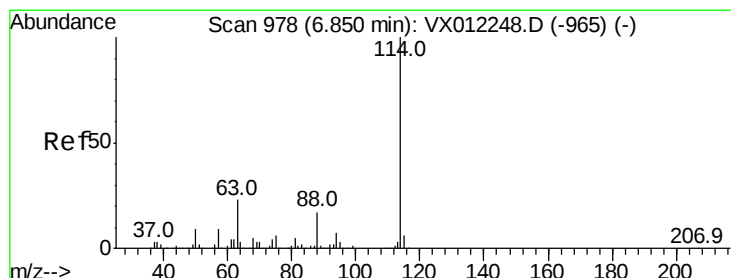
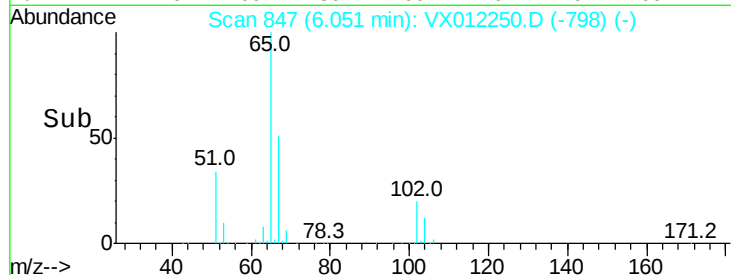
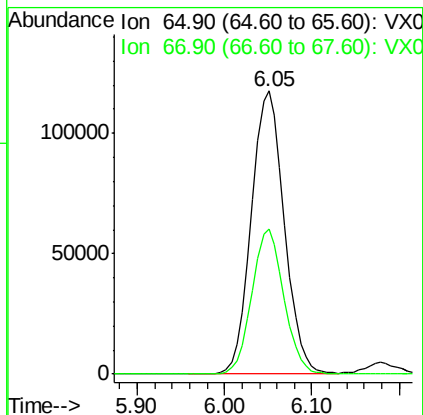
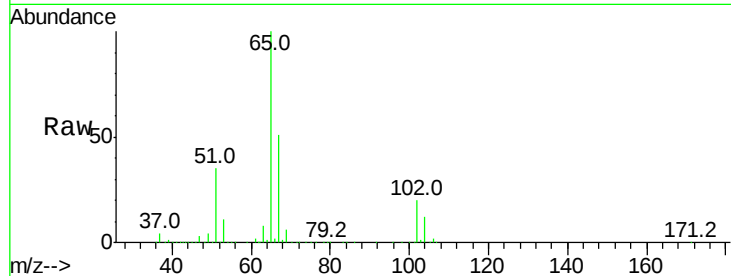
VSTDIC150

Tgt Ion: 65 Resp: 307301

Ion Ratio Lower Upper

65 100

67 49.8 0.0 99.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX012250.D

Acq: 10 Sep 2019 11:22

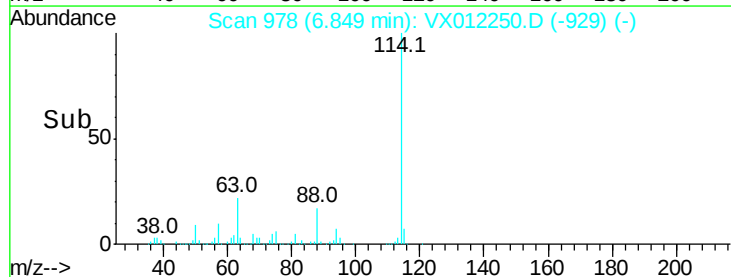
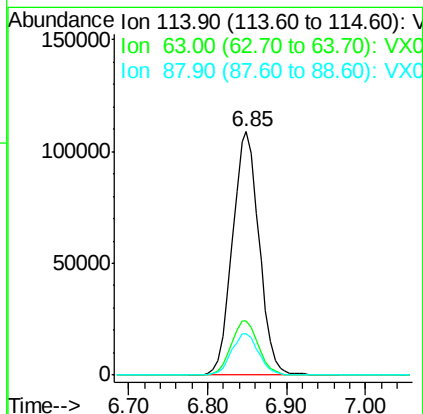
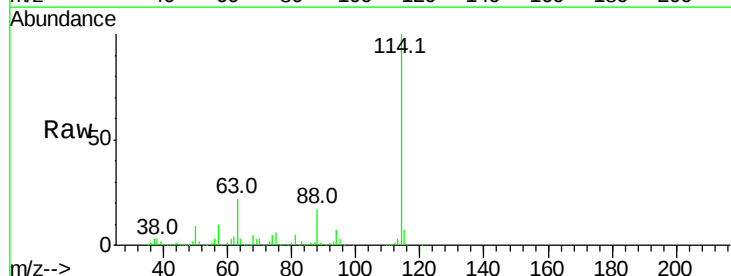
Tgt Ion: 114 Resp: 256145

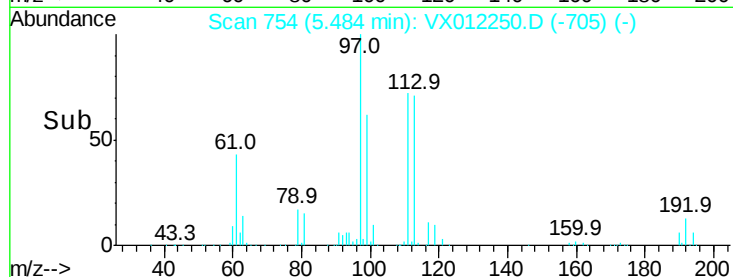
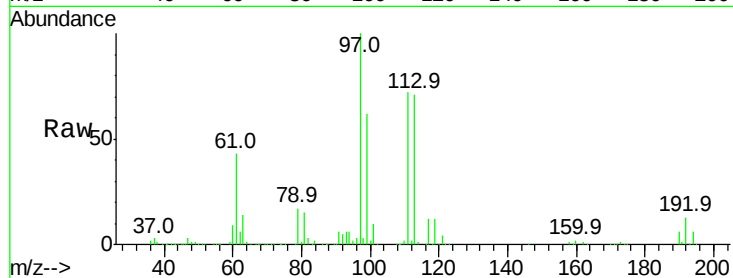
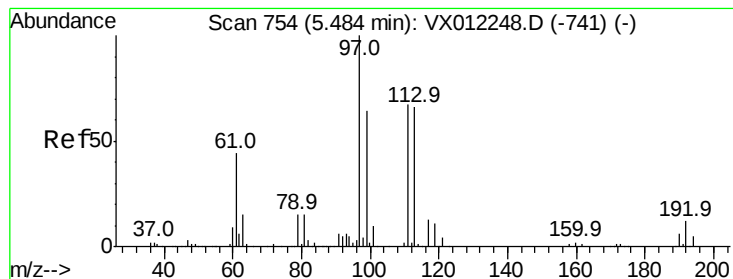
Ion Ratio Lower Upper

114 100

63 22.4 0.0 45.2

88 17.2 0.0 34.8





#35

Dibromofluoromethane

Concen: 143.624 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012250.D

Acq: 10 Sep 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

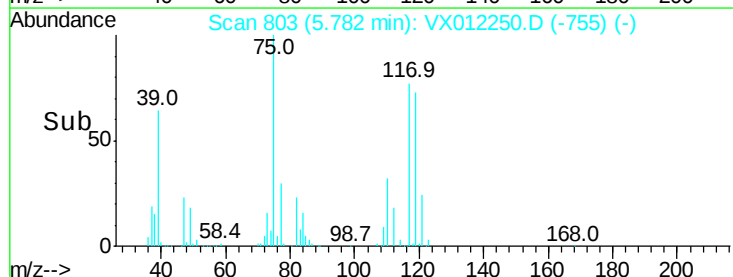
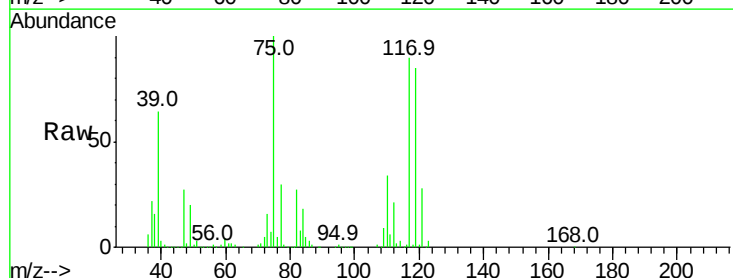
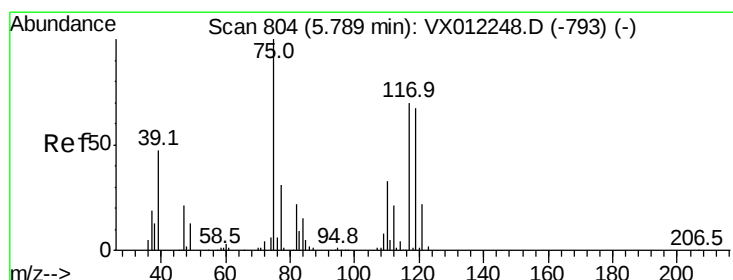
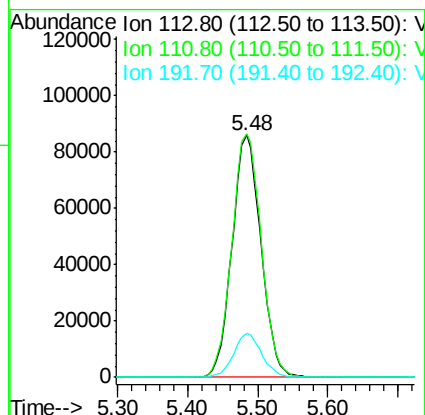
Tgt Ion:113 Resp: 246540

Ion Ratio Lower Upper

113 100

111 102.6 83.0 124.6

192 17.6 14.3 21.5



#36

1,1-Dichloropropene

Concen: 136.844 ug/l

RT: 5.78 min Scan# 803

Delta R.T. -0.01 min

Lab File: VX012250.D

Acq: 10 Sep 2019 11:22

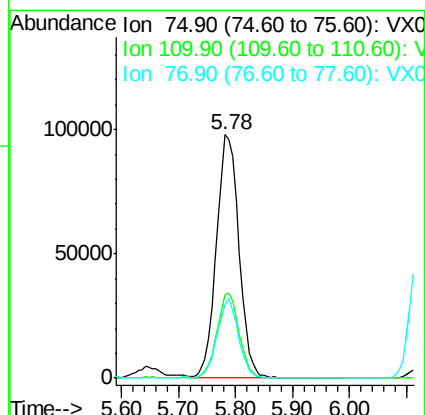
Tgt Ion: 75 Resp: 269689

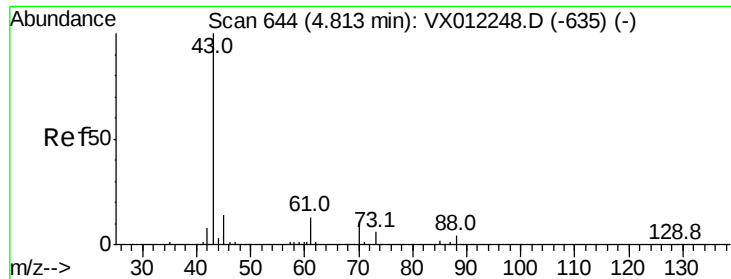
Ion Ratio Lower Upper

75 100

110 34.3 16.8 50.4

77 30.6 24.5 36.7

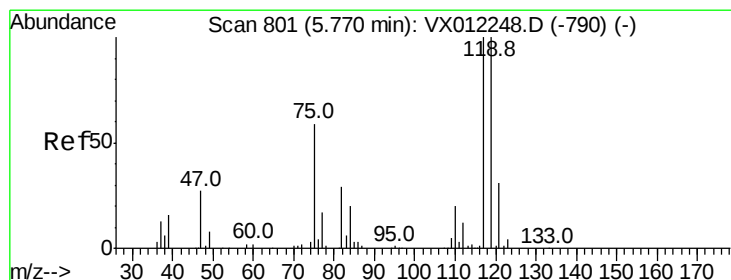
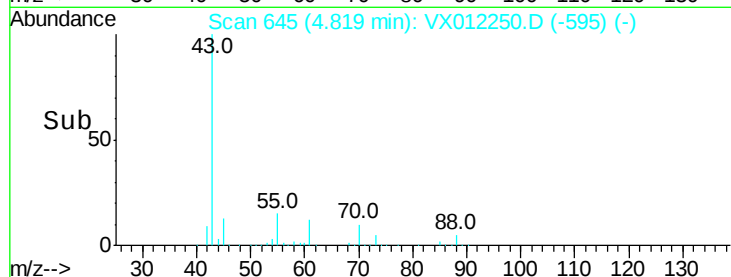
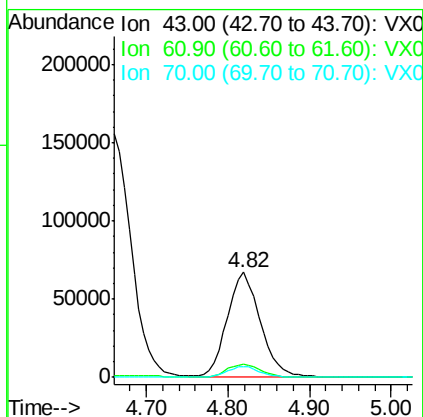
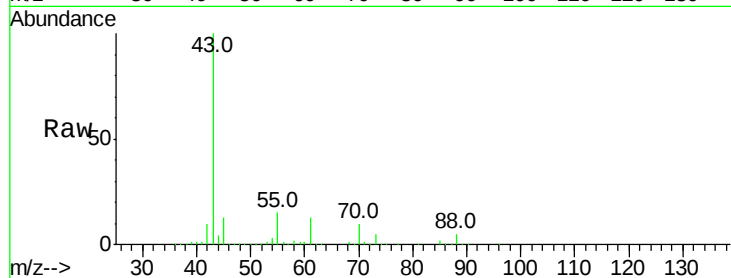




#37
Ethyl Acetate
Concen: 143.883 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.01 min
Lab File: VX012250.D
Acq: 10 Sep 2019 11:22

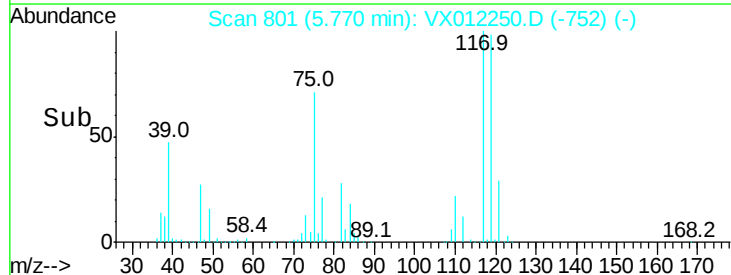
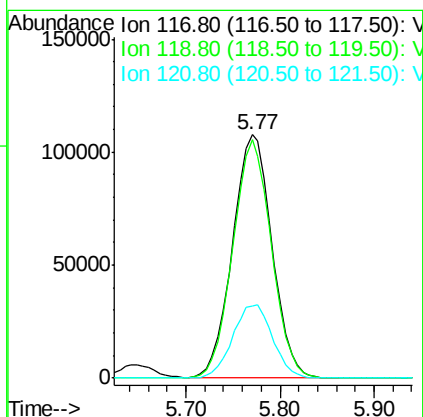
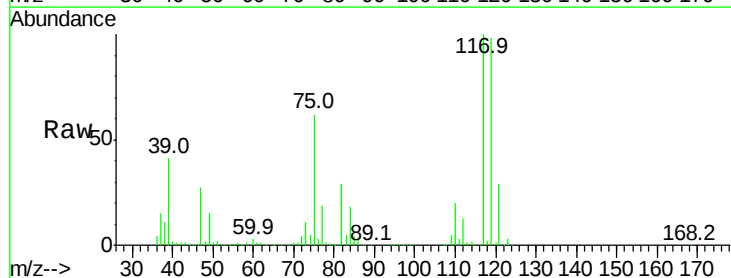
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

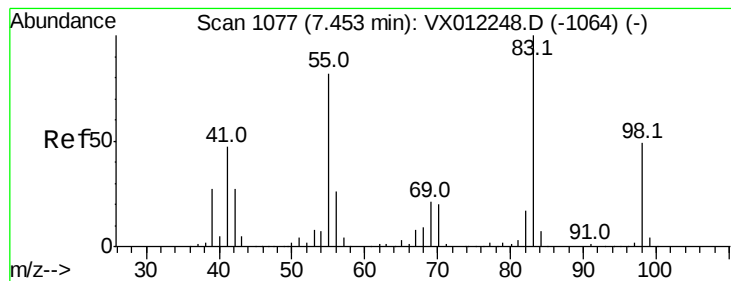
Tgt Ion: 43 Resp: 187295
Ion Ratio Lower Upper
43 100
61 13.0 10.3 15.5
70 10.8 9.1 13.7



#38
Carbon Tetrachloride
Concen: 139.453 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.00 min
Lab File: VX012250.D
Acq: 10 Sep 2019 11:22

Tgt Ion: 117 Resp: 314757
Ion Ratio Lower Upper
117 100
119 98.0 79.6 119.4
121 29.4 24.7 37.1





#39

Methylcyclohexane

Concen: 139.048 ug/l

RT: 7.45 min Scan# 1077

Delta R.T. -0.00 min

Lab File: VX012250.D

Acq: 10 Sep 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

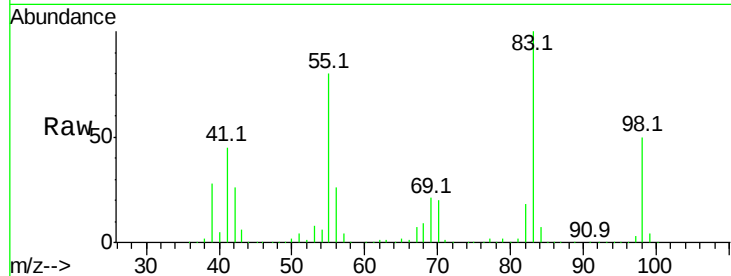
Tgt Ion: 83 Resp: 288357

Ion Ratio Lower Upper

83 100

55 80.5 65.4 98.2

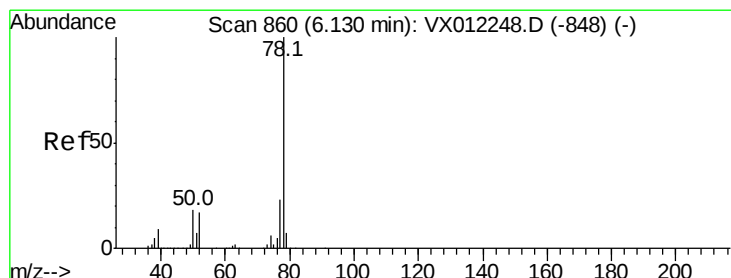
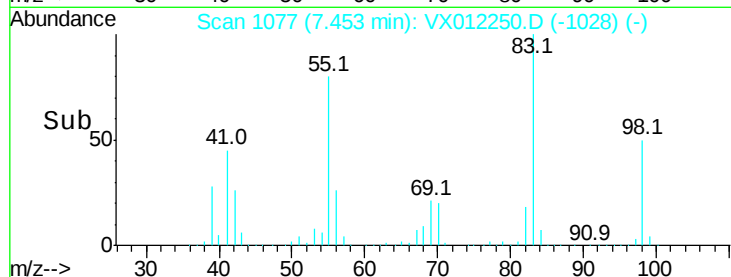
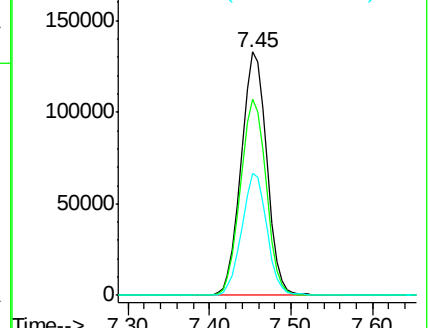
98 50.0 39.6 59.4



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: 138.002 ug/l

RT: 6.13 min Scan# 860

Delta R.T. -0.00 min

Lab File: VX012250.D

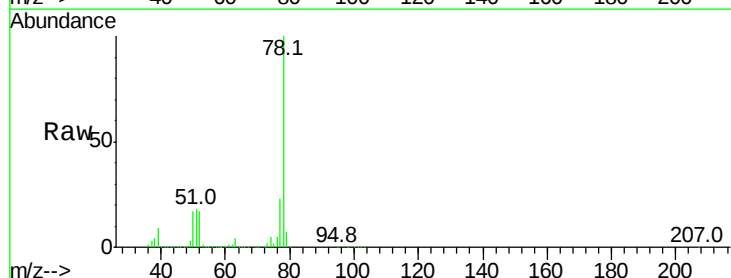
Acq: 10 Sep 2019 11:22

Tgt Ion: 78 Resp: 825156

Ion Ratio Lower Upper

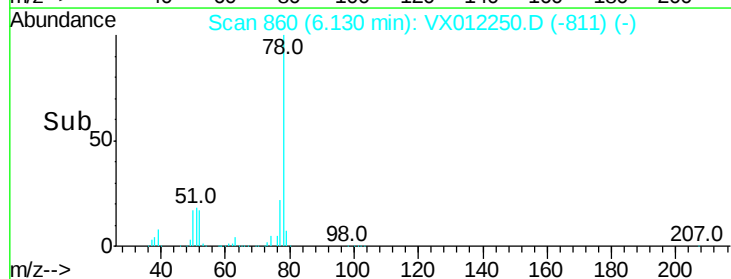
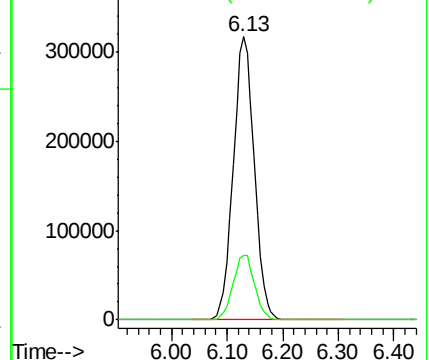
78 100

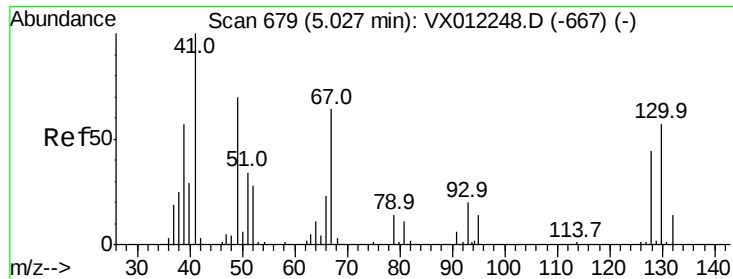
77 22.7 18.0 27.0



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 142.546 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.00 min

Lab File: VX012250.D

Acq: 10 Sep 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 41 Resp: 114533

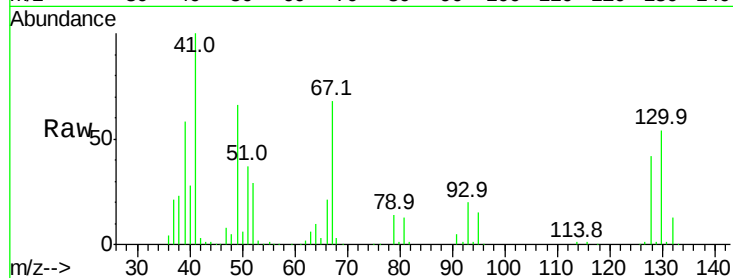
Ion Ratio Lower Upper

41 100

39 56.4 49.0 73.4

67 65.8 55.0 82.4

52 29.4 25.4 38.0



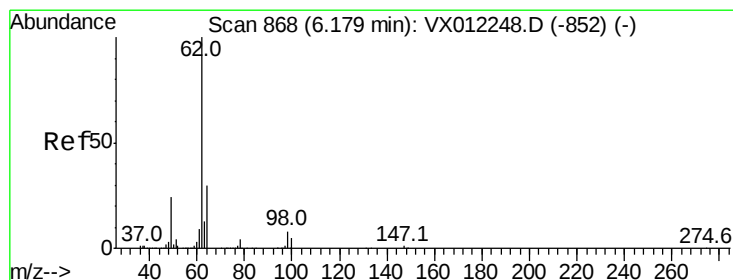
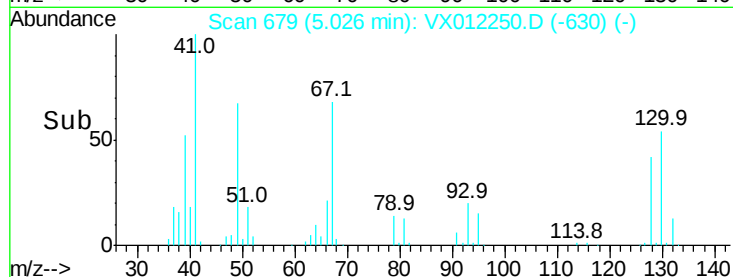
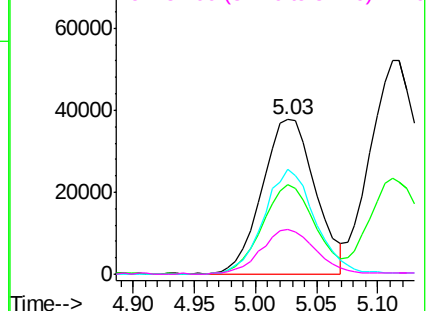
Abundance

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: 135.216 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX012250.D

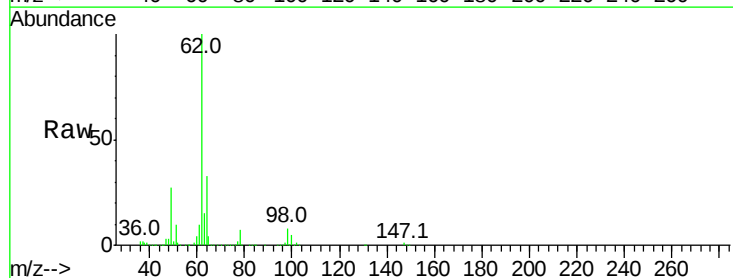
Acq: 10 Sep 2019 11:22

Tgt Ion: 62 Resp: 326720

Ion Ratio Lower Upper

62 100

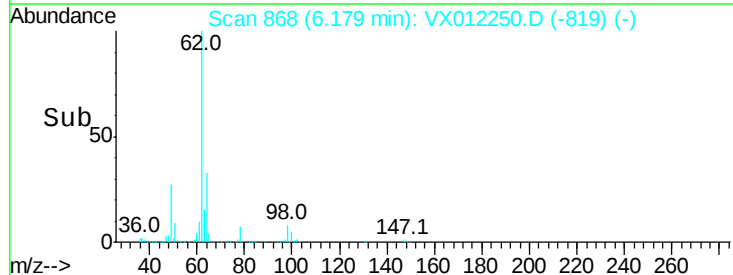
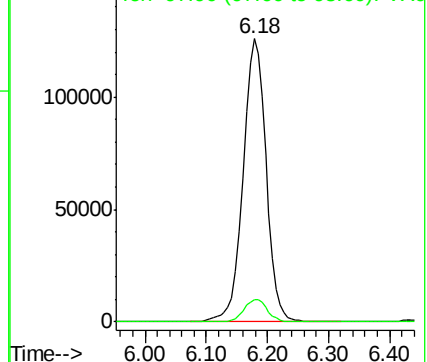
98 8.2 0.0 17.2

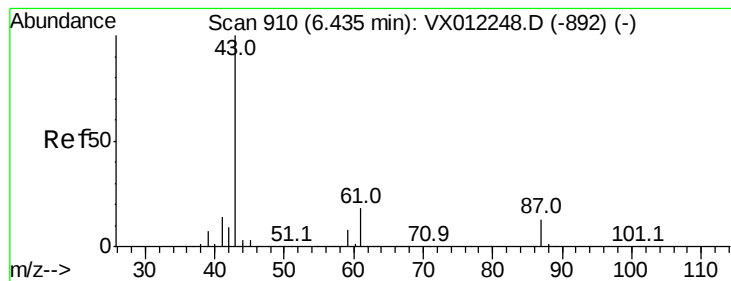


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 142.722 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX012250.D

Acq: 10 Sep 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

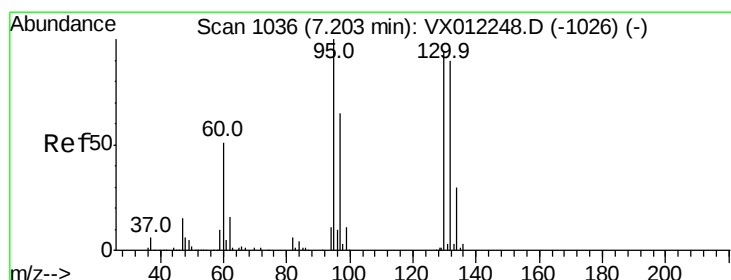
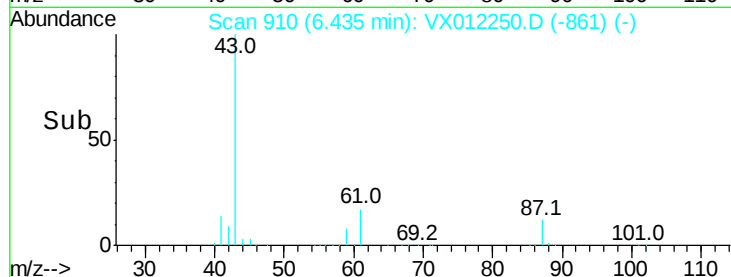
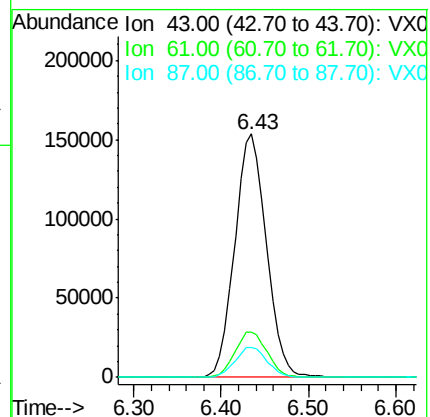
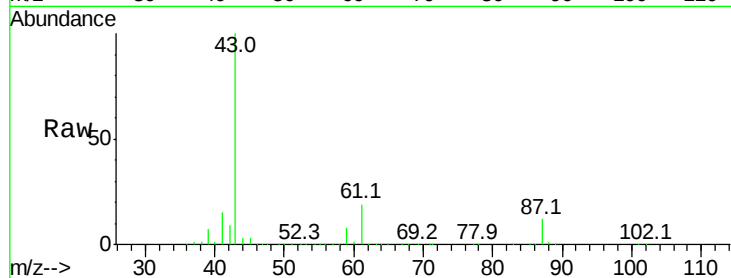
Tgt Ion: 43 Resp: 384637

Ion Ratio Lower Upper

43 100

61 19.2 15.4 23.2

87 12.5 10.5 15.7



#44

Trichloroethene

Concen: 136.670 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.00 min

Lab File: VX012250.D

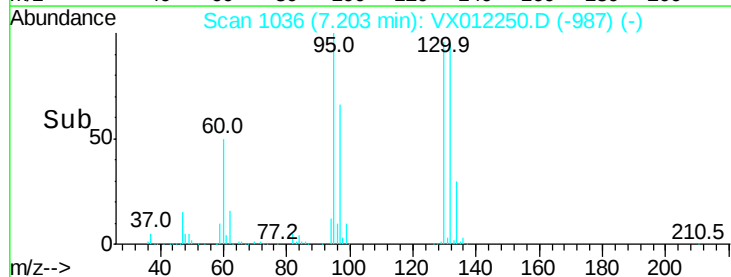
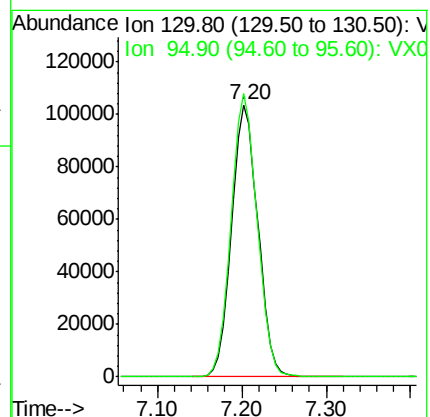
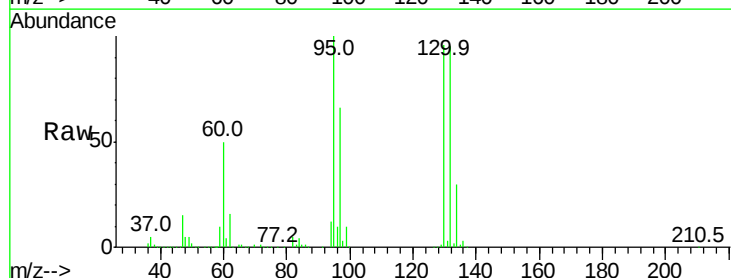
Acq: 10 Sep 2019 11:22

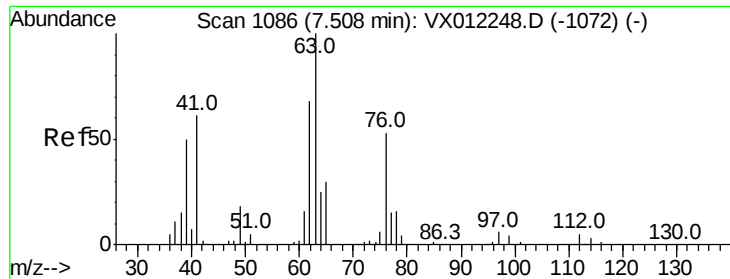
Tgt Ion:130 Resp: 220386

Ion Ratio Lower Upper

130 100

95 103.9 0.0 212.0





#45

1,2-Dichloropropane

Concen: 137.553 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX012250.D

Acq: 10 Sep 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

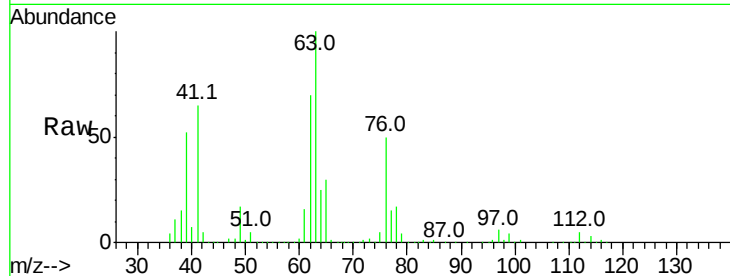
VSTDIC150

Tgt Ion: 63 Resp: 232150

Ion Ratio Lower Upper

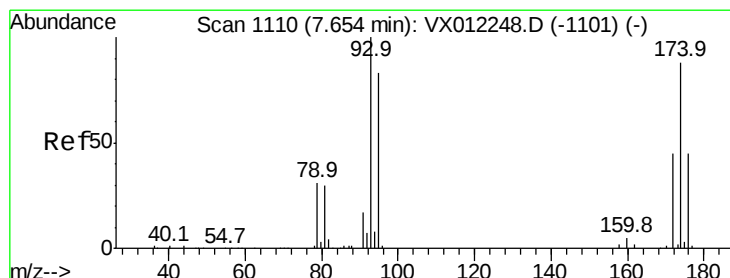
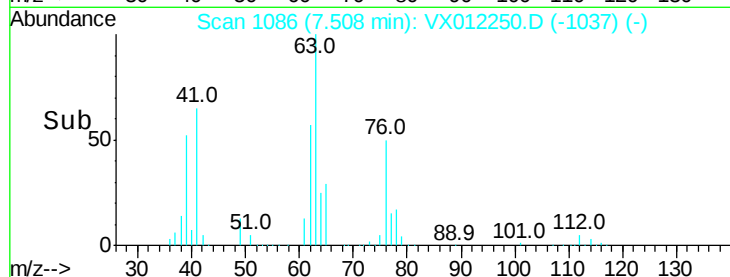
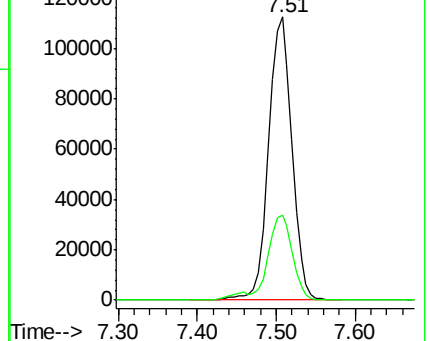
63 100

65 30.1 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 137.534 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX012250.D

Acq: 10 Sep 2019 11:22

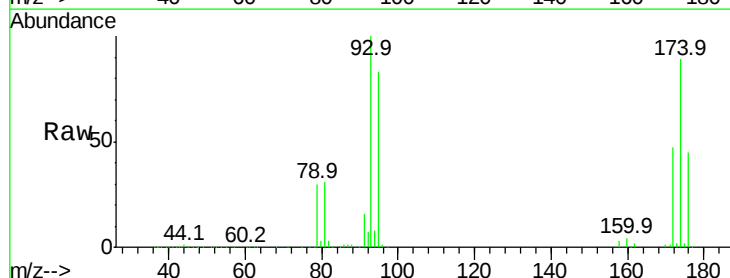
Tgt Ion: 93 Resp: 132016

Ion Ratio Lower Upper

93 100

95 82.7 65.7 98.5

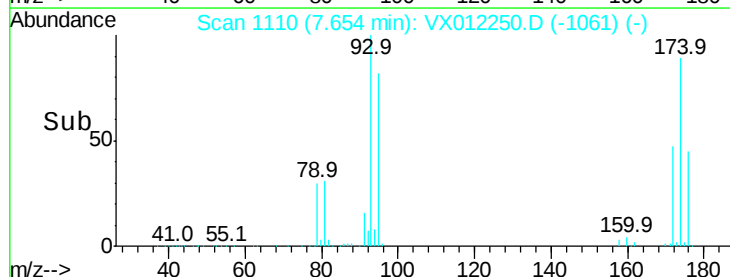
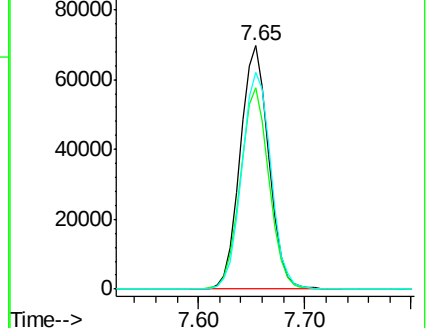
174 90.6 71.0 106.4

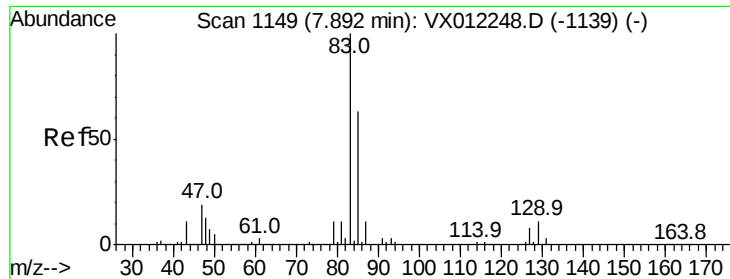


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 140.106 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX012250.D

Acq: 10 Sep 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

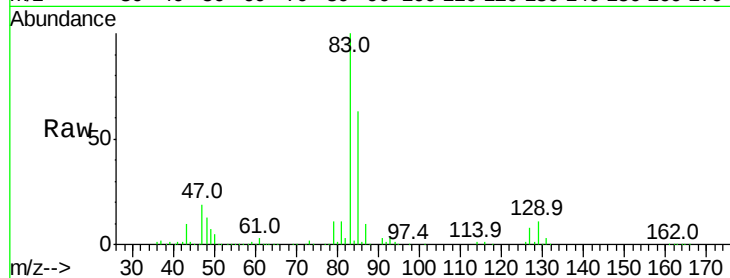
Tgt Ion: 83 Resp: 359949

Ion Ratio Lower Upper

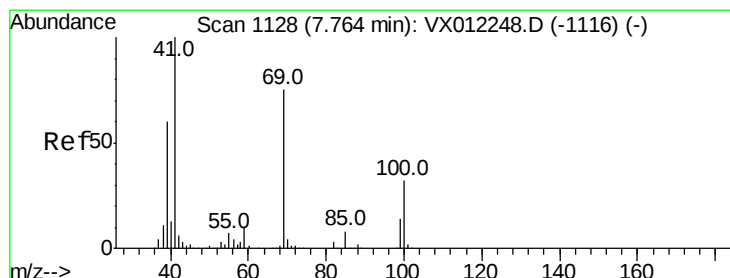
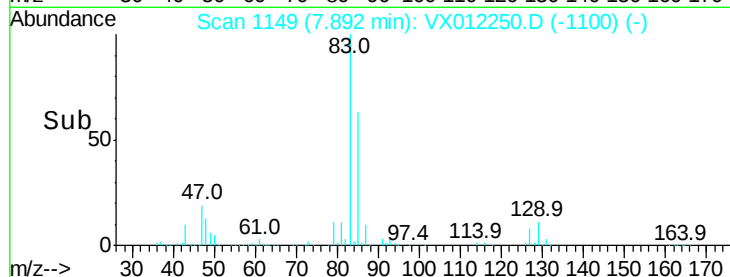
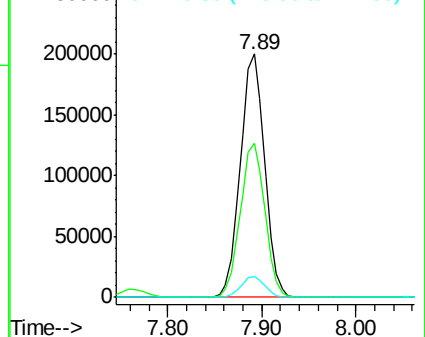
83 100

85 63.2 50.2 75.4

127 8.3 6.3 9.5



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: 145.766 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX012250.D

Acq: 10 Sep 2019 11:22

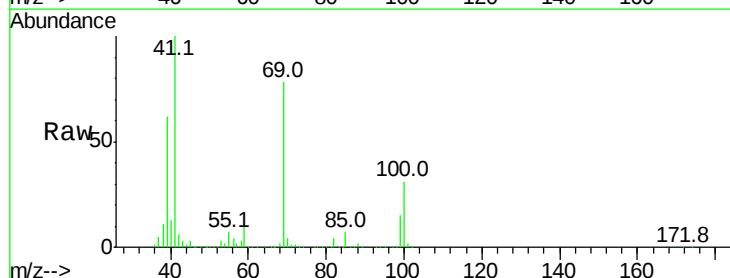
Tgt Ion: 41 Resp: 188777

Ion Ratio Lower Upper

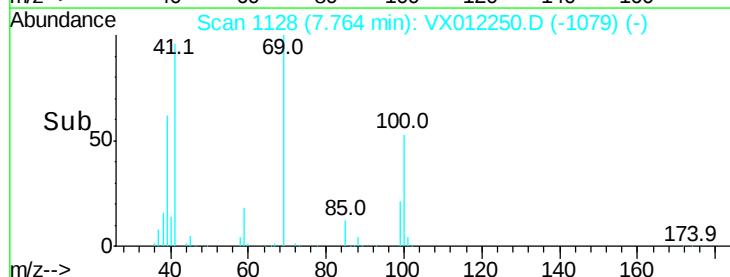
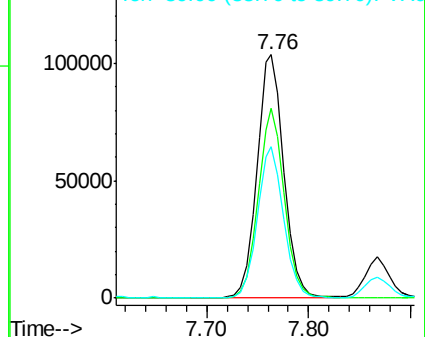
41 100

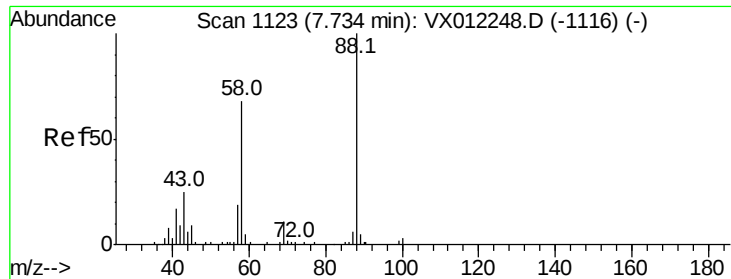
69 75.9 61.8 92.6

39 61.1 48.6 73.0



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

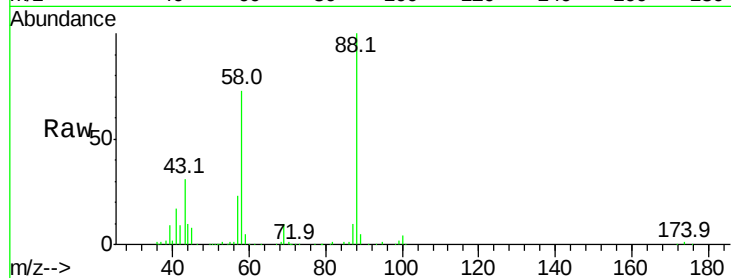




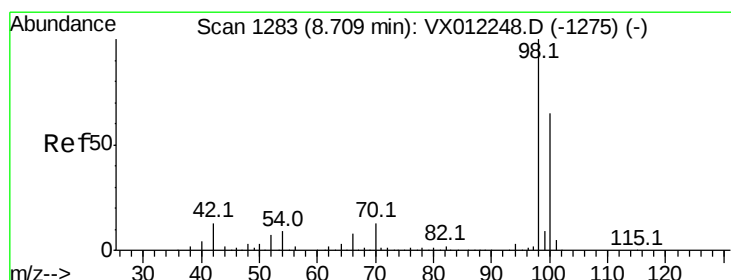
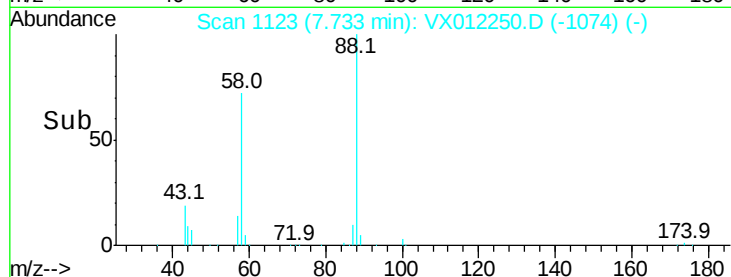
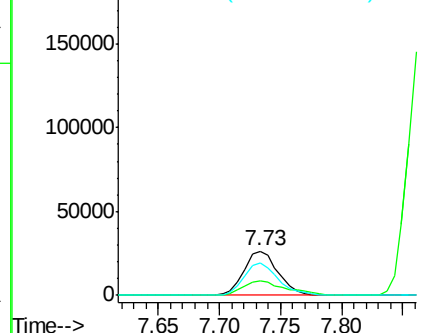
#49
1,4-Dioxane
Concen: 2835.324 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VX012250.D
Acq: 10 Sep 2019 11:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion	Ratio	Lower	Upper
88	100		
43	38.4	31.0	46.4
58	73.7	61.5	92.3

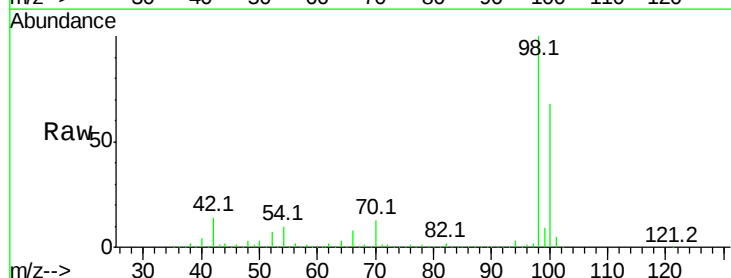


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

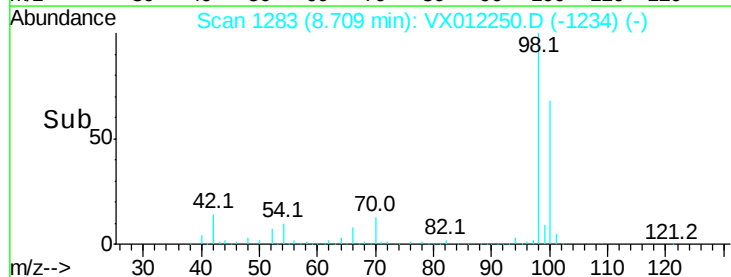
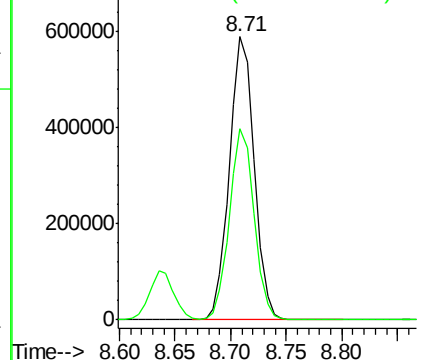


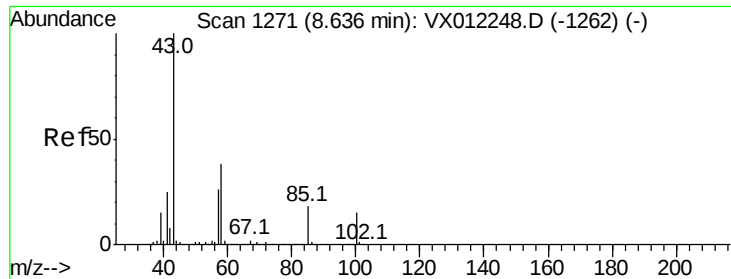
#50
Toluene-d8
Concen: 151.276 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012250.D
Acq: 10 Sep 2019 11:22

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.0	54.1	81.1



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

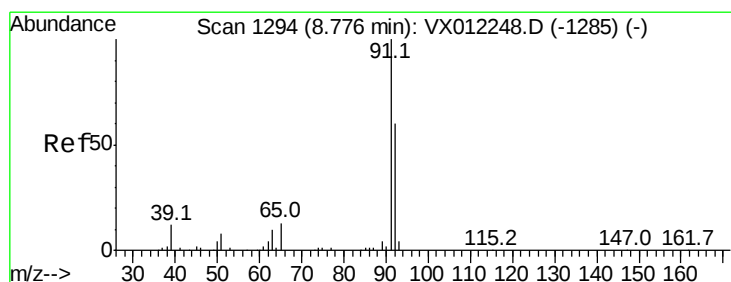
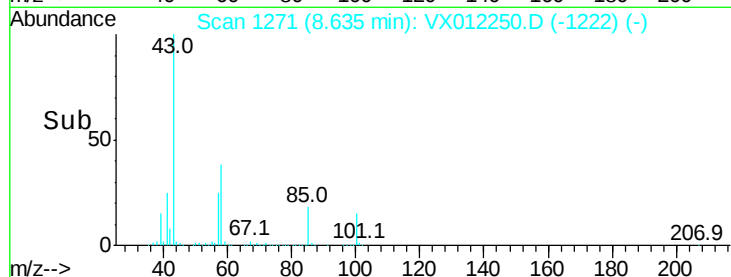
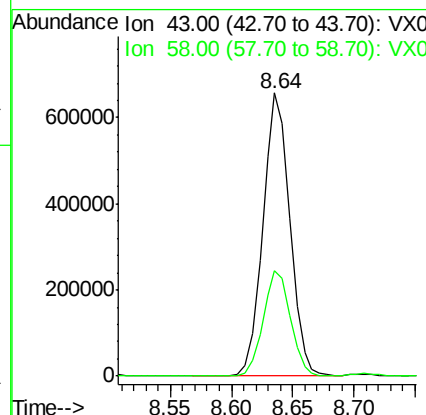
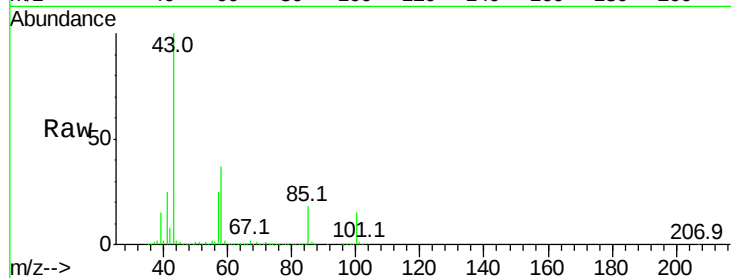




#51
 4-Methyl-2-Pentanone
 Concen: 722.021 ug/l
 RT: 8.64 min Scan# 1271
 Delta R.T. -0.00 min
 Lab File: VX012250.D
 Acq: 10 Sep 2019 11:22

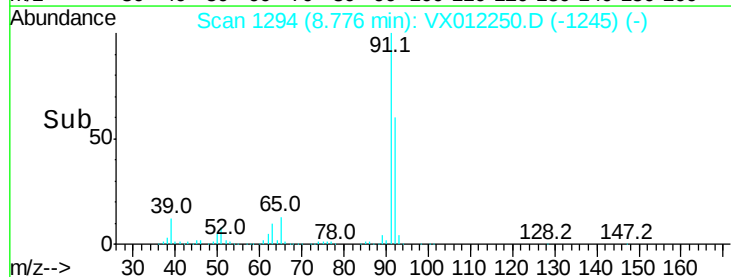
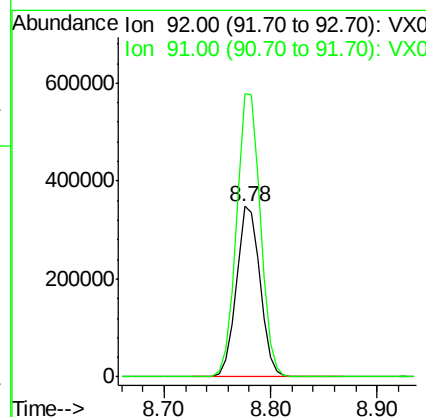
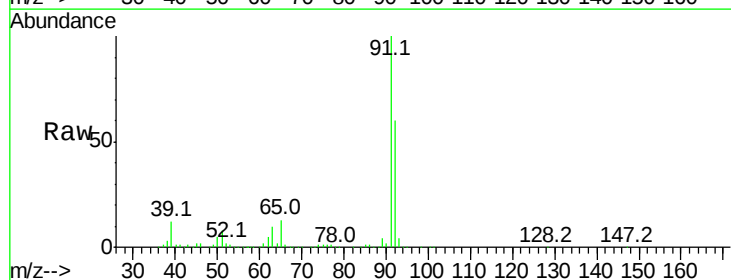
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

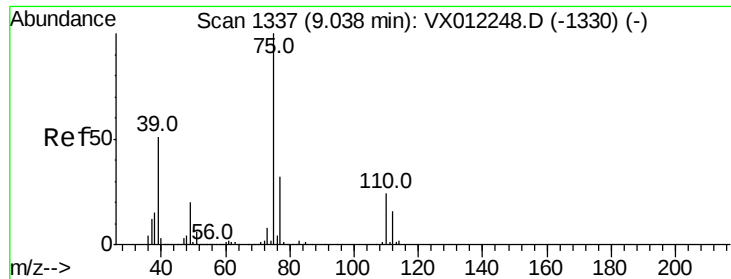
Tgt Ion: 43 Resp: 1012410
 Ion Ratio Lower Upper
 43 100
 58 37.6 30.1 45.1



#52
 Toluene
 Concen: 136.685 ug/l
 RT: 8.78 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX012250.D
 Acq: 10 Sep 2019 11:22

Tgt Ion: 92 Resp: 542829
 Ion Ratio Lower Upper
 92 100
 91 168.5 133.6 200.4

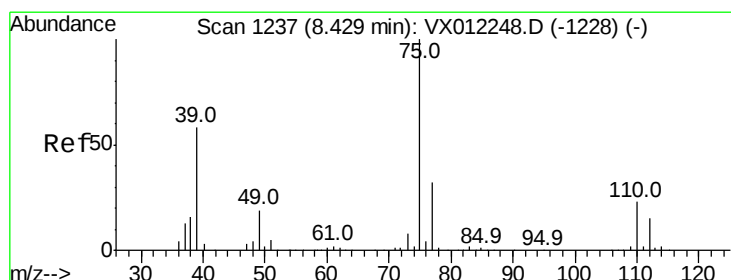
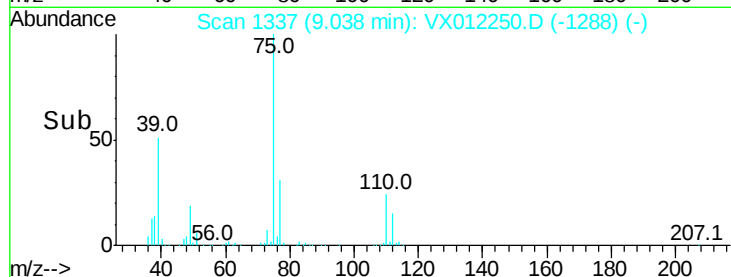
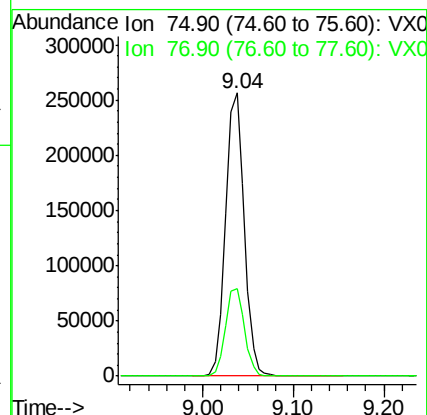
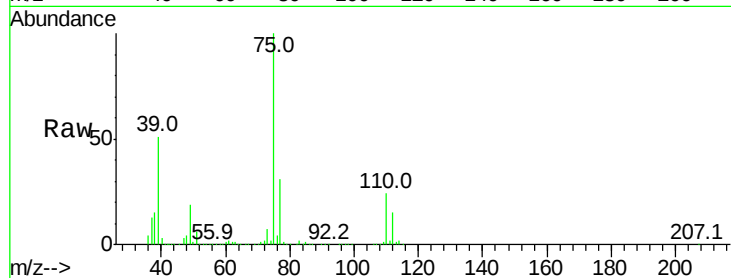




#53
t-1,3-Dichloropropene
Concen: 143.430 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VX012250.D
Acq: 10 Sep 2019 11:22

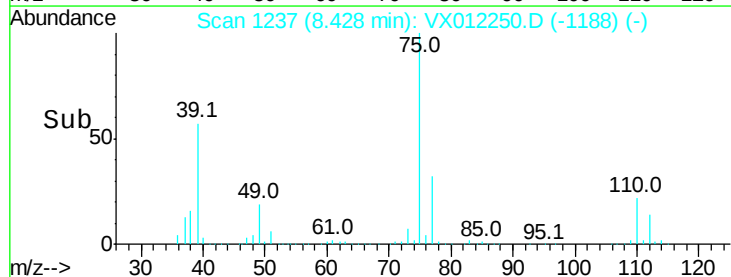
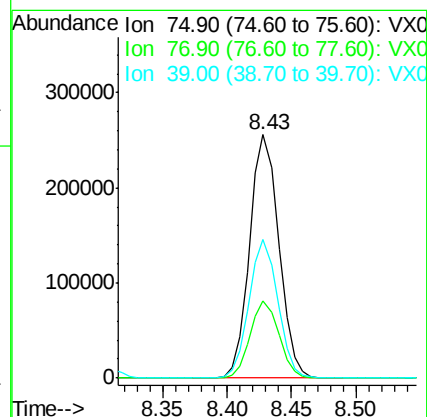
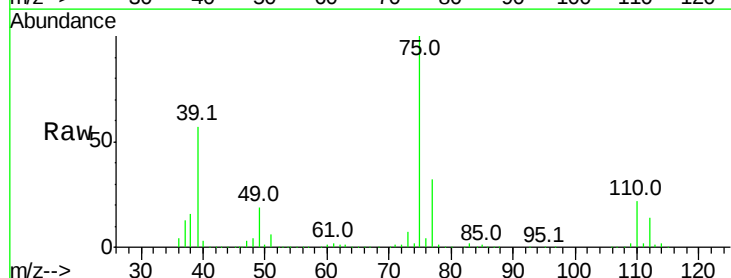
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

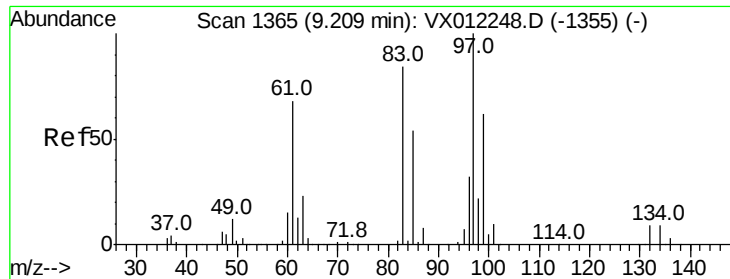
Tgt Ion: 75 Resp: 367376
Ion Ratio Lower Upper
75 100
77 31.0 25.8 38.6



#54
cis-1,3-Dichloropropene
Concen: 142.889 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX012250.D
Acq: 10 Sep 2019 11:22

Tgt Ion: 75 Resp: 399295
Ion Ratio Lower Upper
75 100
77 31.6 25.4 38.2
39 56.7 46.5 69.7

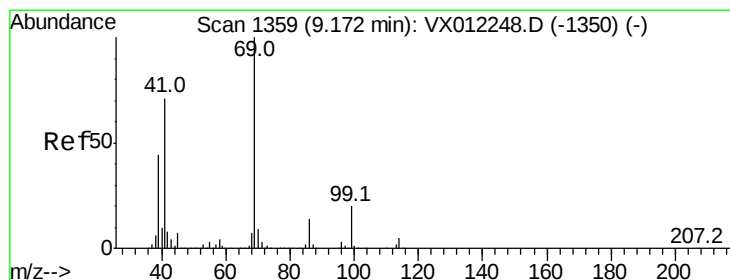
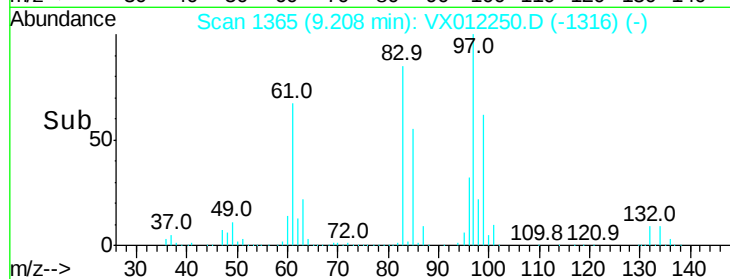
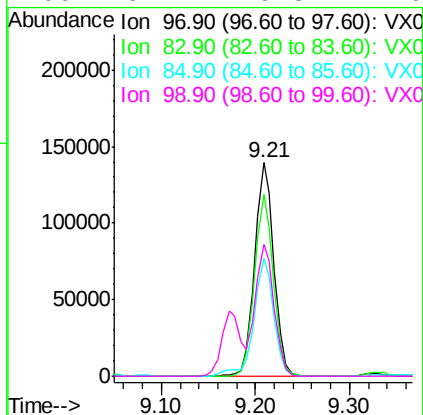
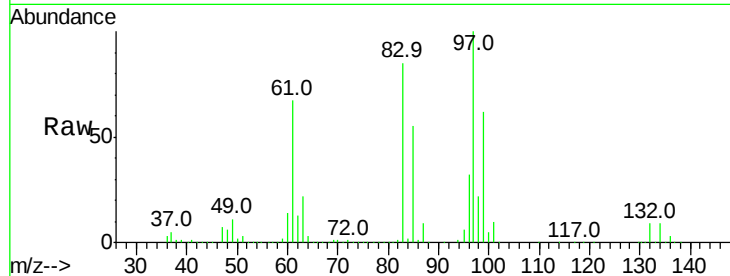




#55
 1,1,2-Trichloroethane
 Concen: 137.913 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX012250.D
 Acq: 10 Sep 2019 11:22

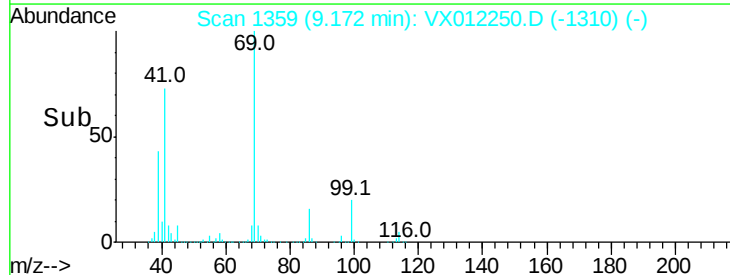
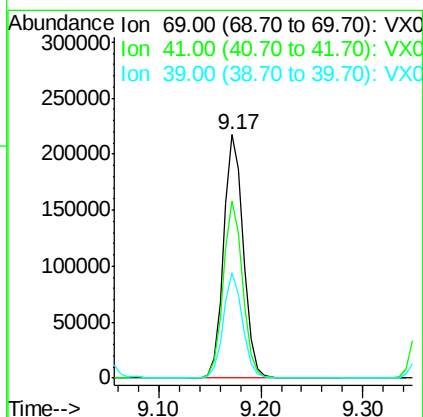
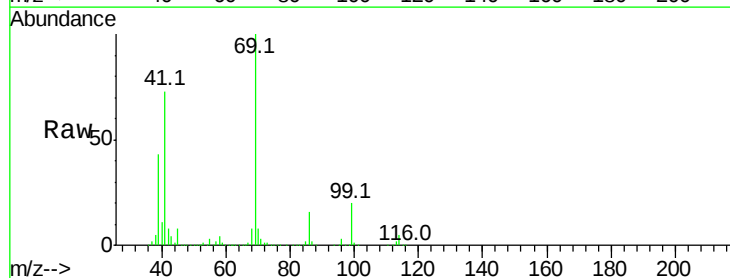
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

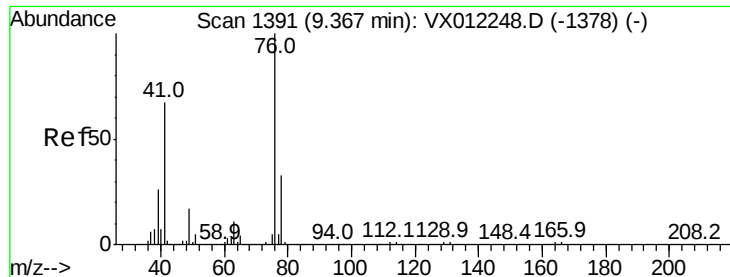
Tgt Ion:	97	Resp:	200915
Ion	Ratio	Lower	Upper
97	100		
83	84.9	67.4	101.2
85	55.2	43.4	65.2
99	61.7	49.8	74.6



#56
 Ethyl methacrylate
 Concen: 143.185 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX012250.D
 Acq: 10 Sep 2019 11:22

Tgt Ion:	69	Resp:	291617
Ion	Ratio	Lower	Upper
69	100		
41	71.5	57.7	86.5
39	42.0	34.0	51.0





#57

1,3-Dichloropropane

Concen: 137.084 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX012250.D

Acq: 10 Sep 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

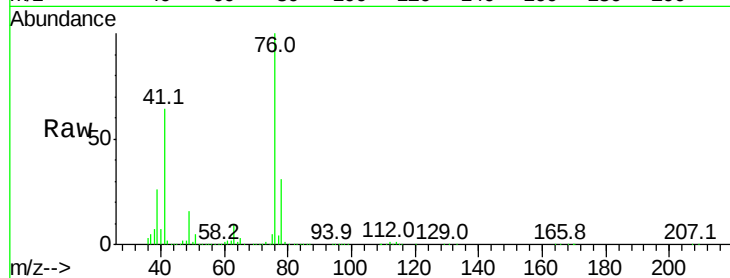
VSTDIC150

Tgt Ion: 76 Resp: 341366

Ion Ratio Lower Upper

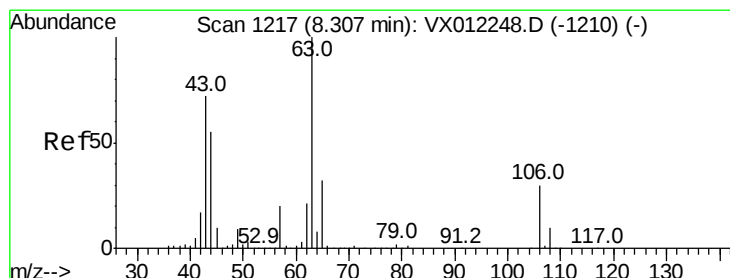
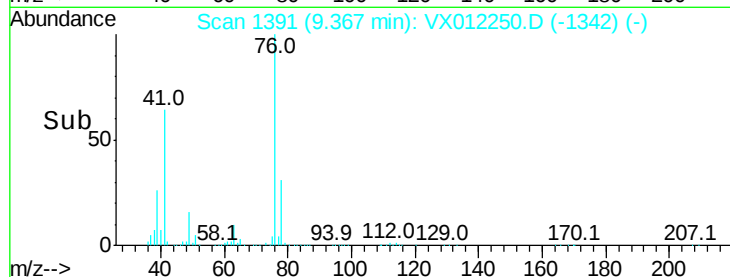
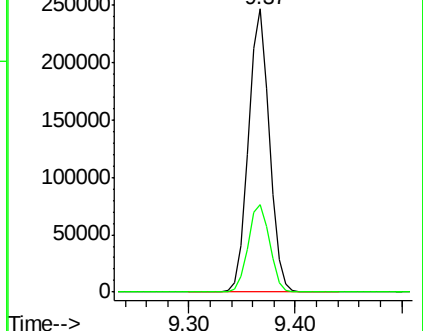
76 100

78 32.1 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 756.180 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX012250.D

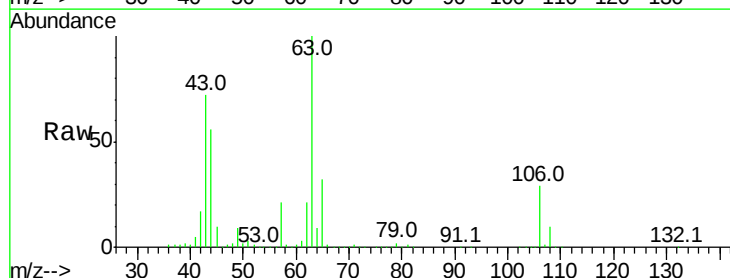
Acq: 10 Sep 2019 11:22

Tgt Ion: 63 Resp: 731336

Ion Ratio Lower Upper

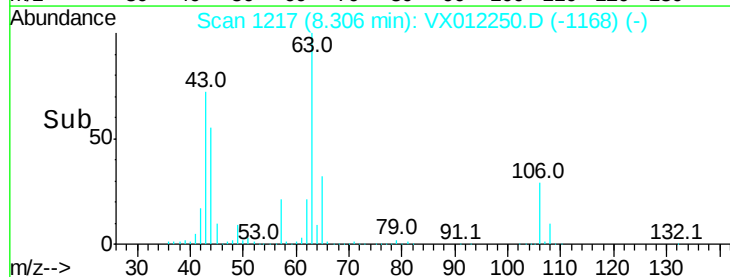
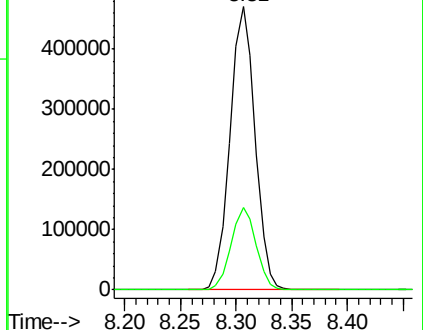
63 100

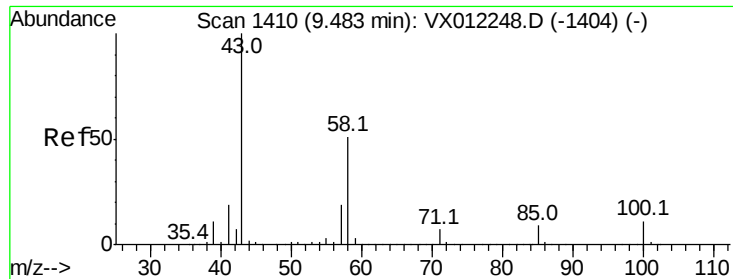
106 29.1 23.4 35.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

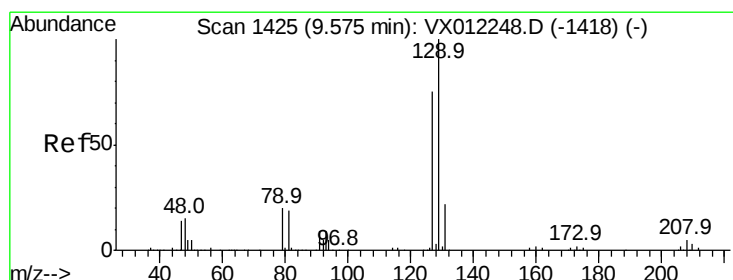
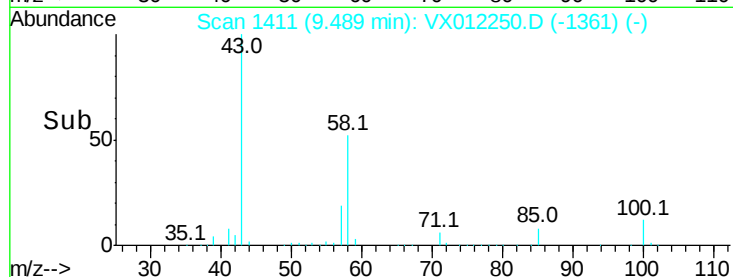
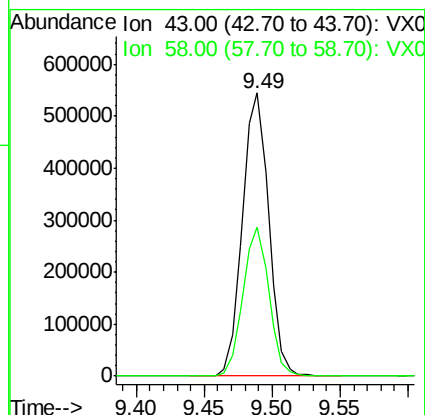
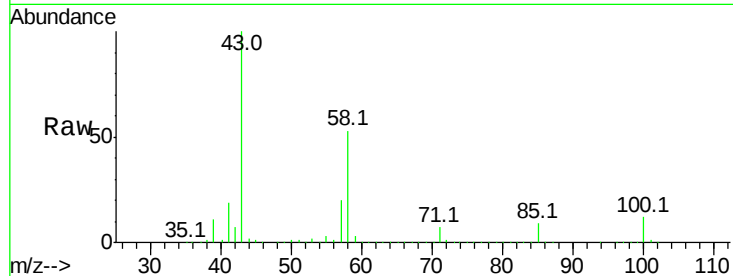




#59
2-Hexanone
Concen: 740.180 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX012250.D
Acq: 10 Sep 2019 11:22

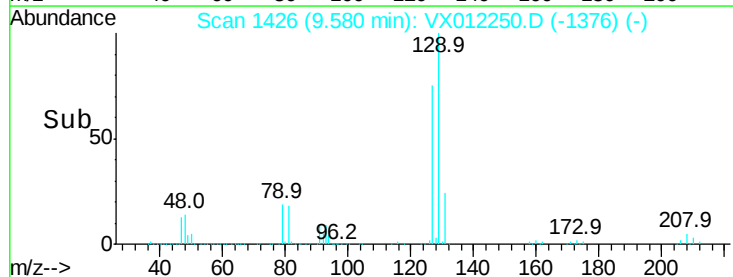
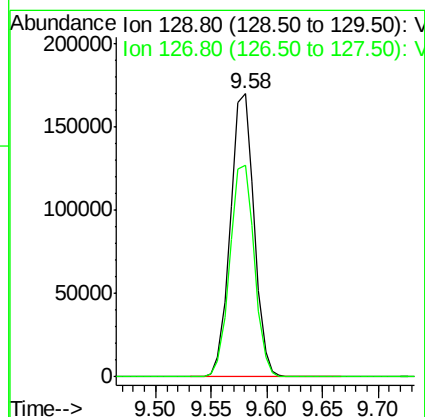
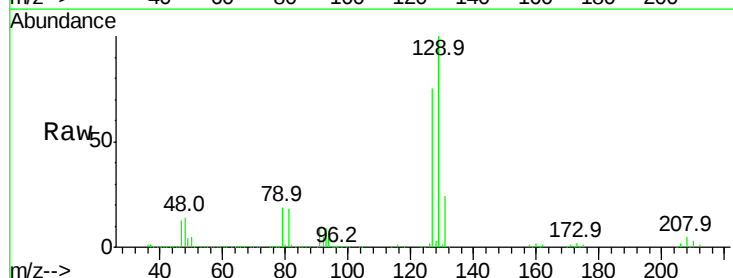
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

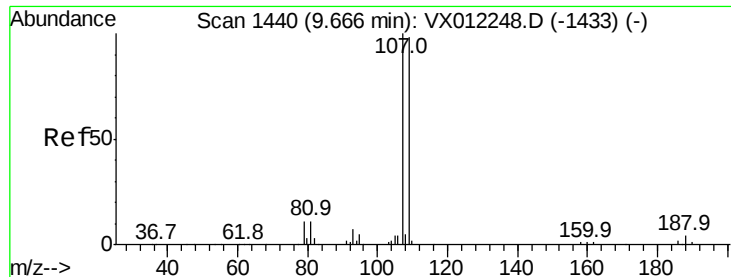
Tgt Ion: 43 Resp: 737397
Ion Ratio Lower Upper
43 100
58 52.0 25.8 77.3



#60
Dibromochloromethane
Concen: 145.061 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.01 min
Lab File: VX012250.D
Acq: 10 Sep 2019 11:22

Tgt Ion: 129 Resp: 250654
Ion Ratio Lower Upper
129 100
127 77.1 38.1 114.3





#61

1,2-Dibromoethane

Concen: 140.592 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX012250.D

Acq: 10 Sep 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

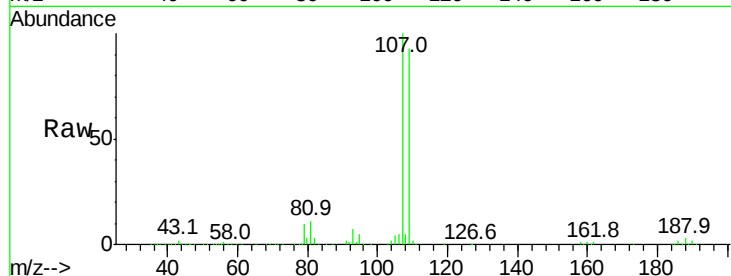
VSTDIC150

Tgt Ion: 107 Resp: 190973

Ion Ratio Lower Upper

107 100

109 93.7 76.3 114.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

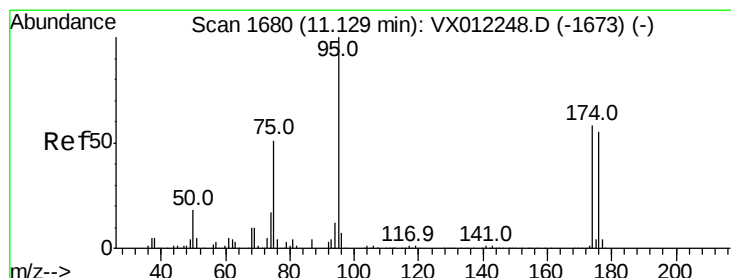
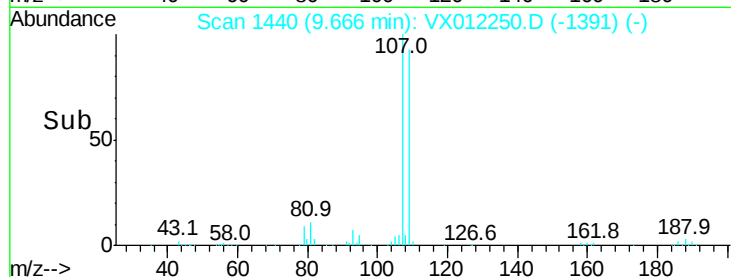
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 141.222 ug/l

RT: 11.13 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX012250.D

Acq: 10 Sep 2019 11:22

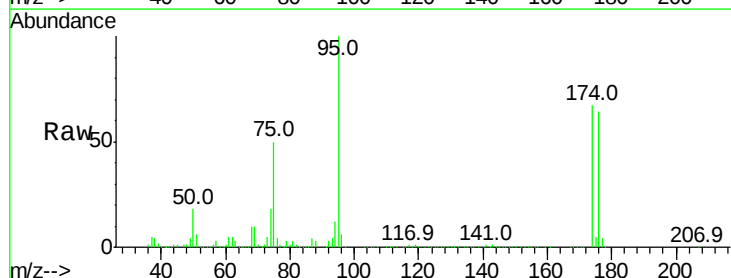
Tgt Ion: 95 Resp: 393551

Ion Ratio Lower Upper

95 100

174 66.4 0.0 127.0

176 62.8 0.0 125.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.13

400000

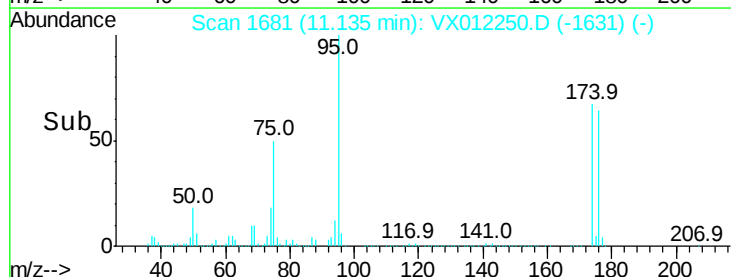
300000

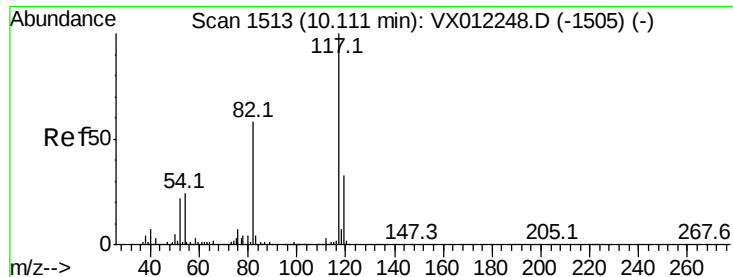
200000

100000

0

Time-->

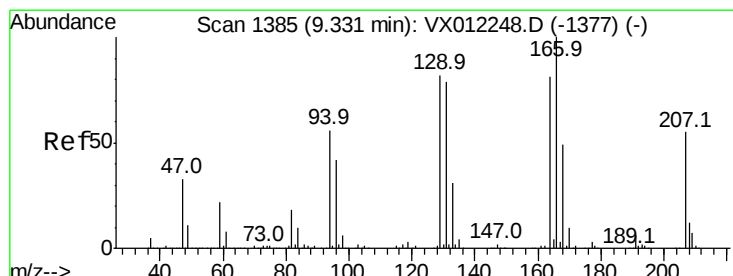
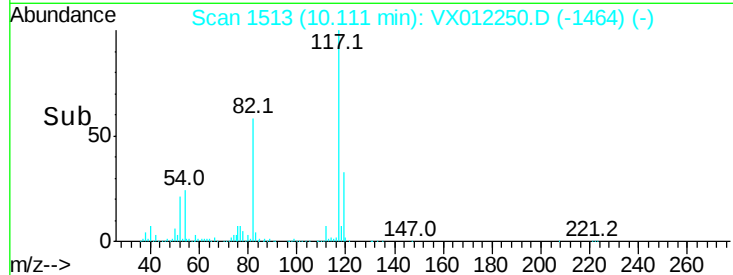
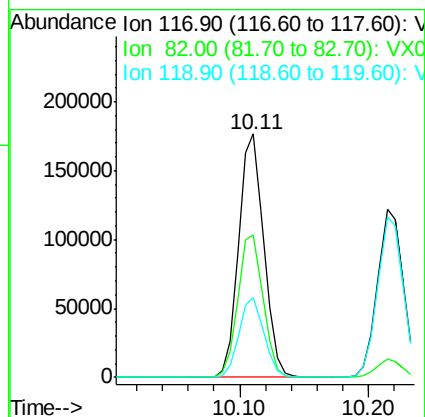
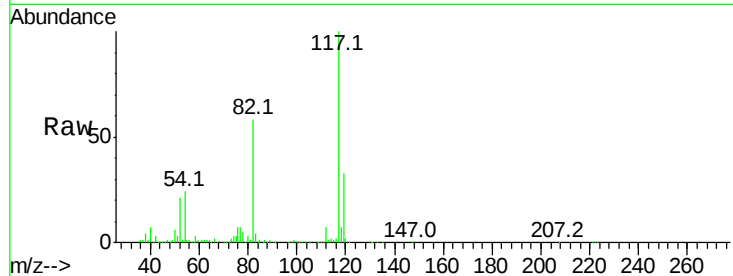




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012250.D
Acq: 10 Sep 2019 11:22

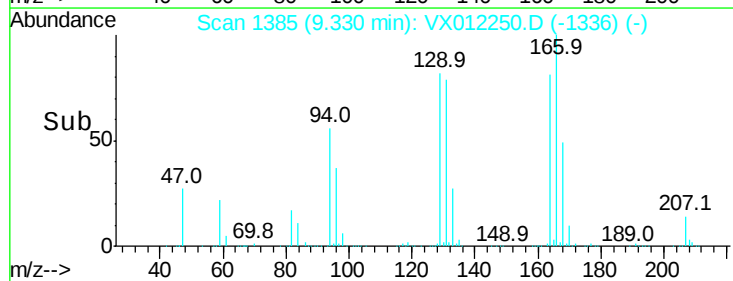
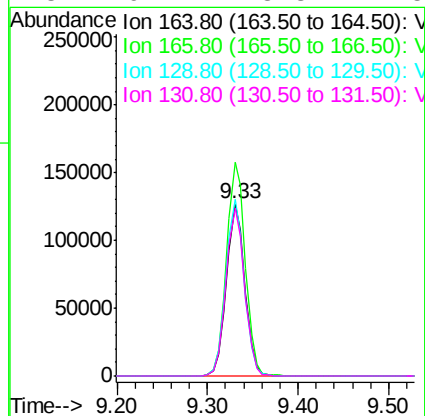
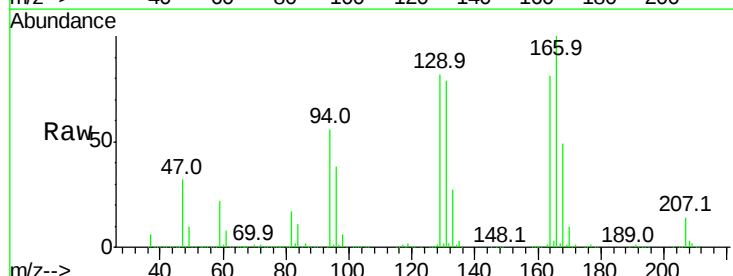
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

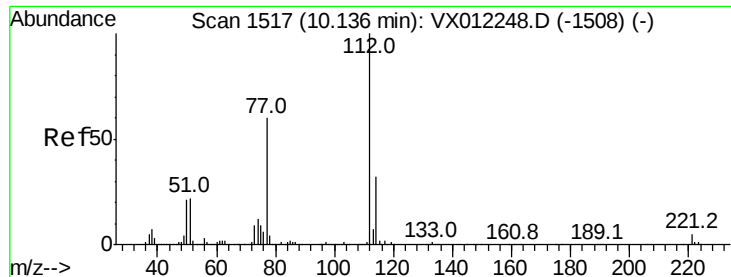
Tgt Ion:117 Resp: 238307
Ion Ratio Lower Upper
117 100
82 58.4 46.4 69.6
119 32.6 26.6 39.8



#64
Tetrachloroethene
Concen: 134.435 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012250.D
Acq: 10 Sep 2019 11:22

Tgt Ion:164 Resp: 178765
Ion Ratio Lower Upper
164 100
166 124.1 99.4 149.0
129 102.3 81.8 122.8
131 97.7 78.3 117.5





#65

Chlorobenzene

Concen: 132.147 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX012250.D

Acq: 10 Sep 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

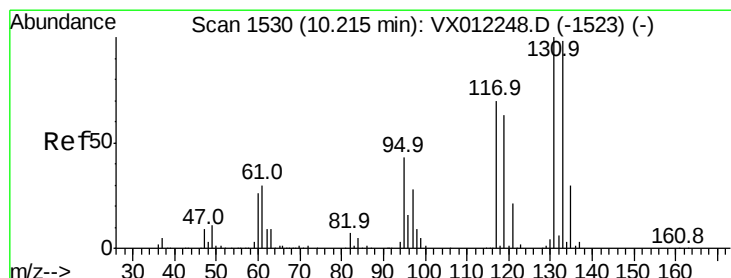
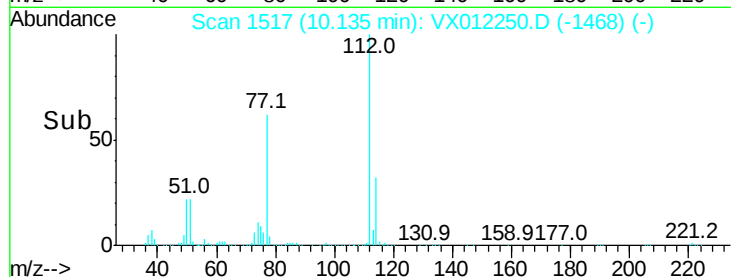
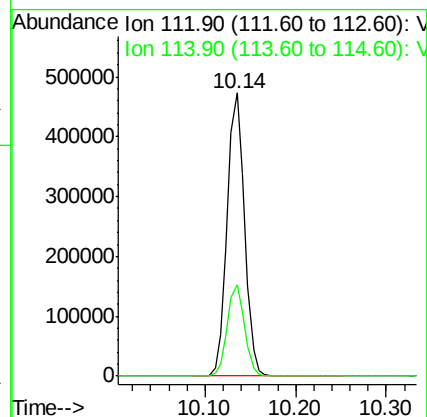
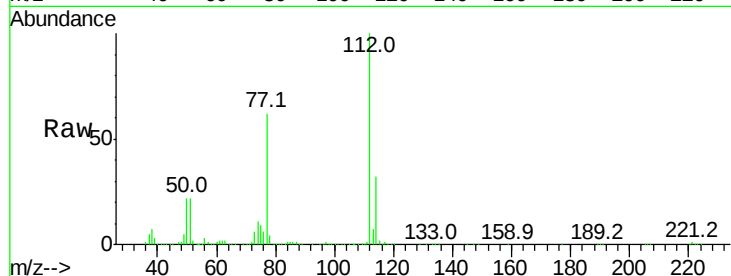
VSTDIC150

Tgt Ion:112 Resp: 630639

Ion Ratio Lower Upper

112 100

114 32.3 25.4 38.0



#66

1,1,1,2-Tetrachloroethane

Concen: 138.192 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX012250.D

Acq: 10 Sep 2019 11:22

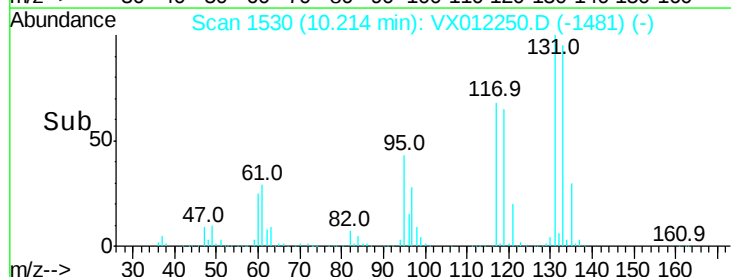
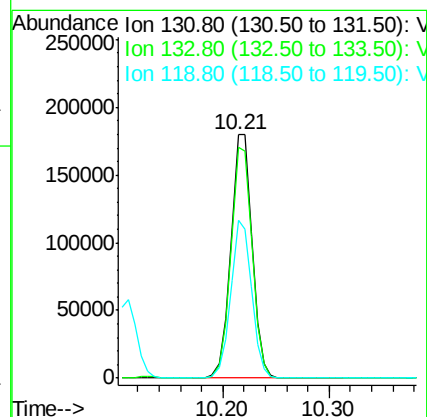
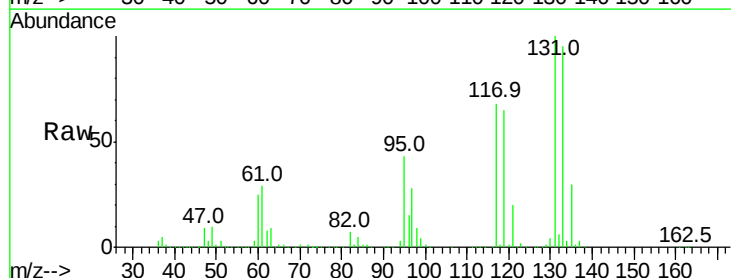
Tgt Ion:131 Resp: 252521

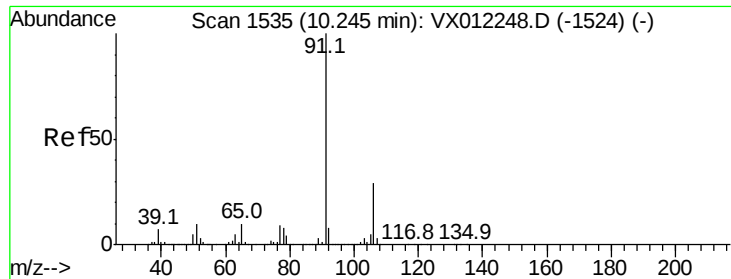
Ion Ratio Lower Upper

131 100

133 94.8 48.0 144.2

119 63.2 31.6 95.0

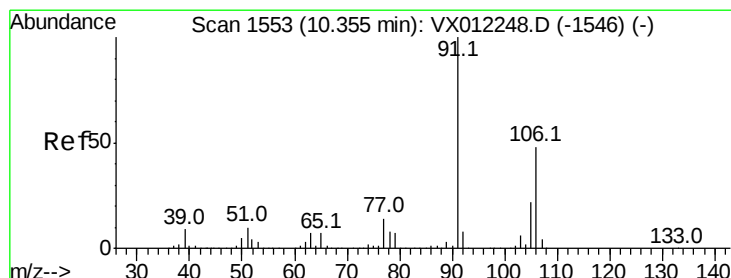
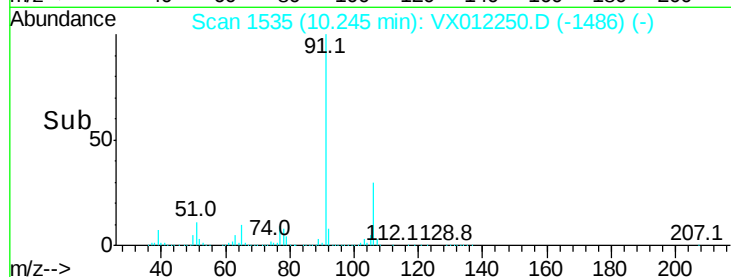
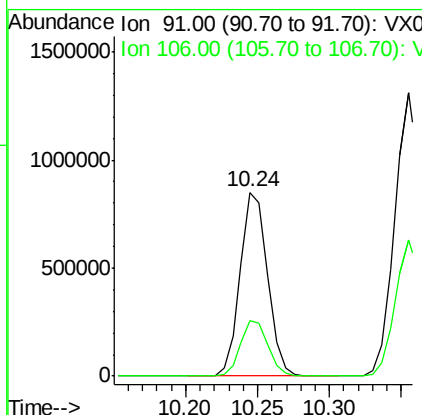
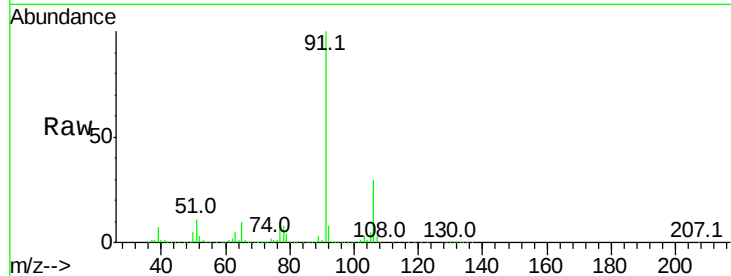




#67
 Ethyl Benzene
 Concen: 134.453 ug/l
 RT: 10.24 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VX012250.D
 Acq: 10 Sep 2019 11:22

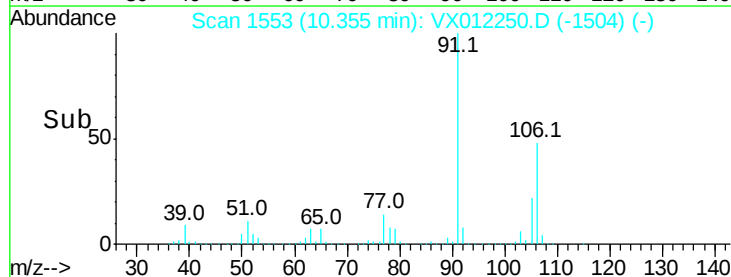
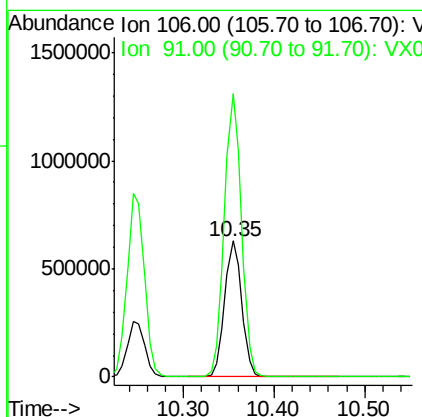
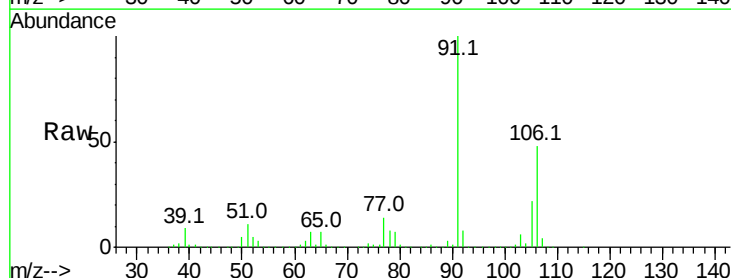
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

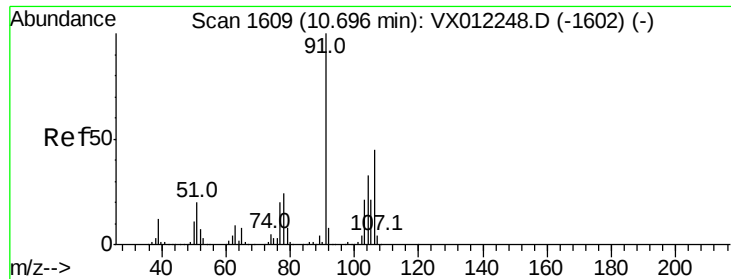
Tgt Ion: 91 Resp: 1125459
 Ion Ratio Lower Upper
 91 100
 106 30.0 23.1 34.7



#68
 m/p-Xylenes
 Concen: 268.626 ug/l
 RT: 10.35 min Scan# 1553
 Delta R.T. -0.00 min
 Lab File: VX012250.D
 Acq: 10 Sep 2019 11:22

Tgt Ion: 106 Resp: 829303
 Ion Ratio Lower Upper
 106 100
 91 208.6 167.0 250.6

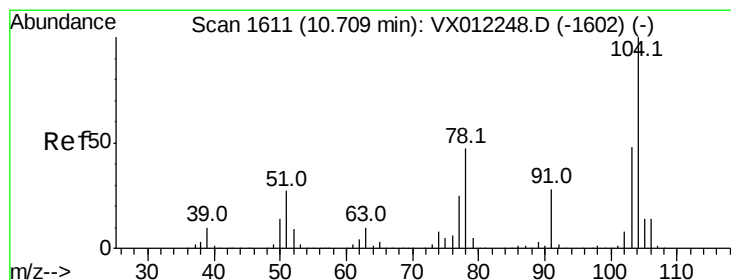
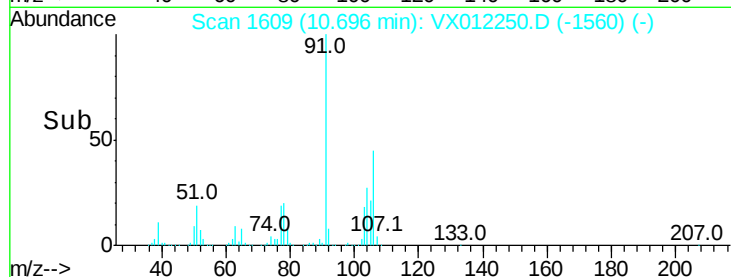
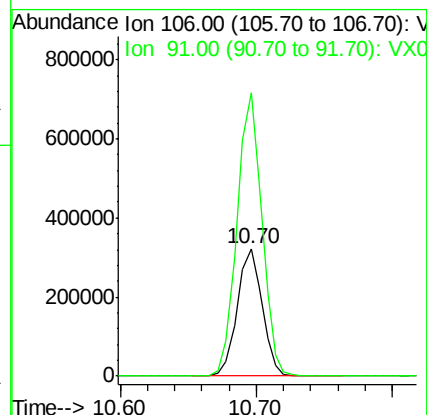
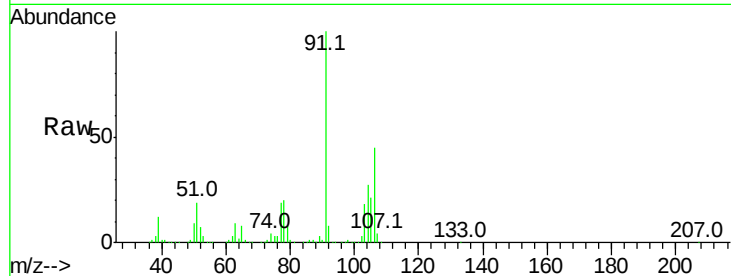




#69
o-Xylene
Concen: 136.797 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012250.D
Acq: 10 Sep 2019 11:22

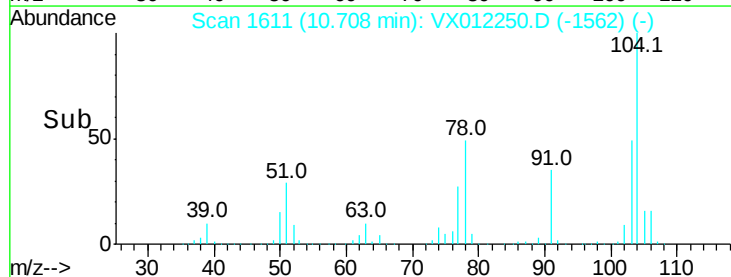
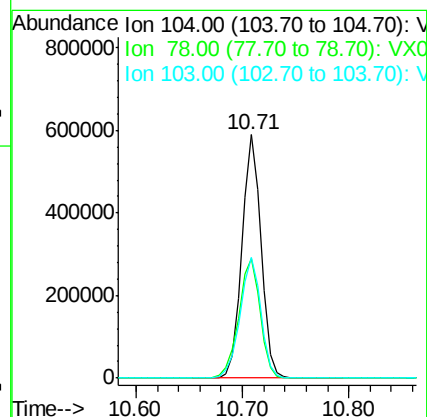
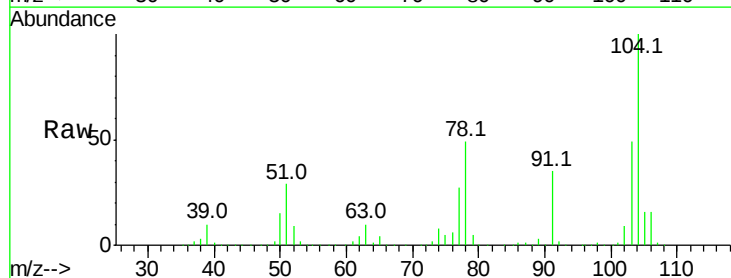
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

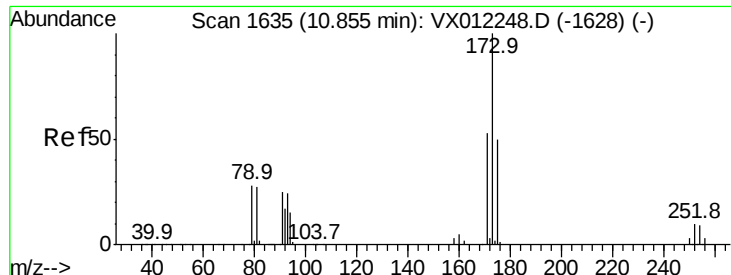
Tgt Ion:106 Resp: 412056
Ion Ratio Lower Upper
106 100
91 221.3 110.5 331.4



#70
Styrene
Concen: 137.757 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012250.D
Acq: 10 Sep 2019 11:22

Tgt Ion:104 Resp: 746161
Ion Ratio Lower Upper
104 100
78 54.9 44.2 66.2
103 53.9 42.5 63.7





#71

Bromoform

Concen: 152.047 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX012250.D

Acq: 10 Sep 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

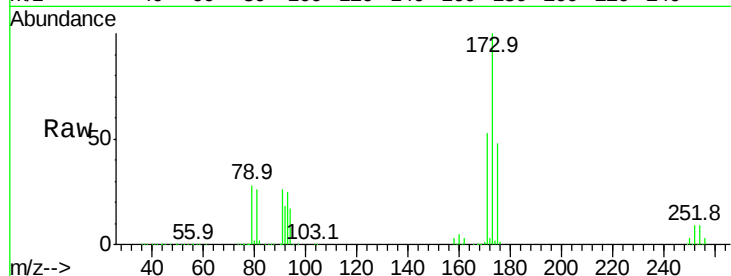
Tgt Ion:173 Resp: 144864

Ion Ratio Lower Upper

173 100

175 48.1 24.5 73.5

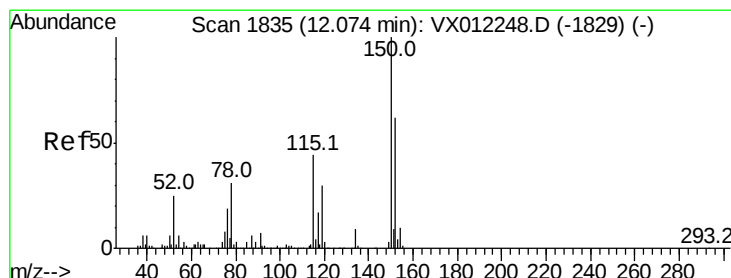
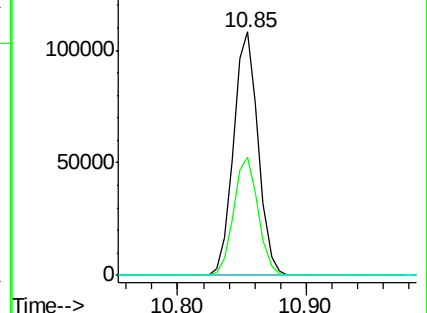
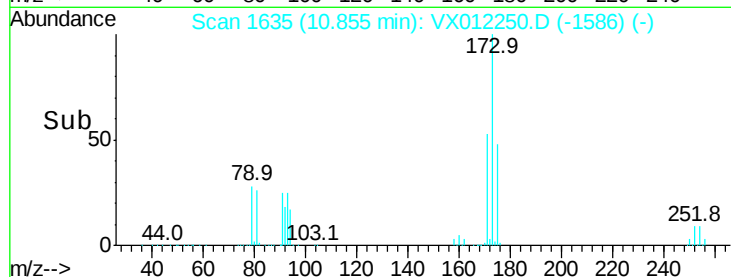
254 0.2 0.2 0.4#



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: VX012250.D

Acq: 10 Sep 2019 11:22

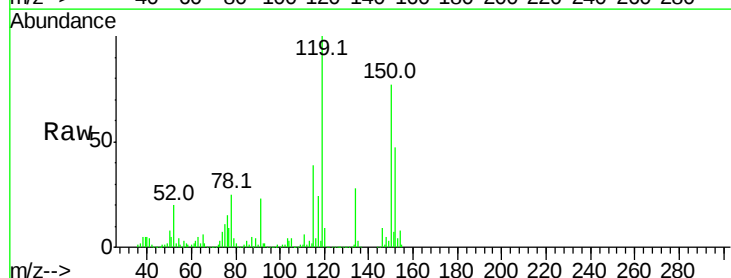
Tgt Ion:152 Resp: 120451

Ion Ratio Lower Upper

152 100

115 134.5 45.5 136.4

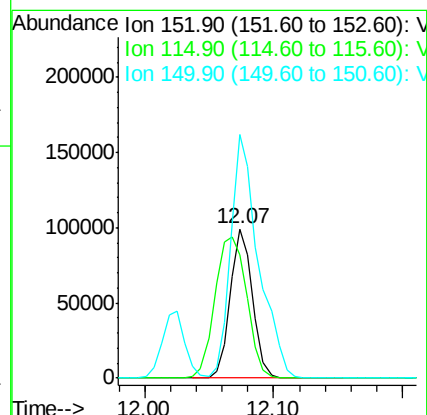
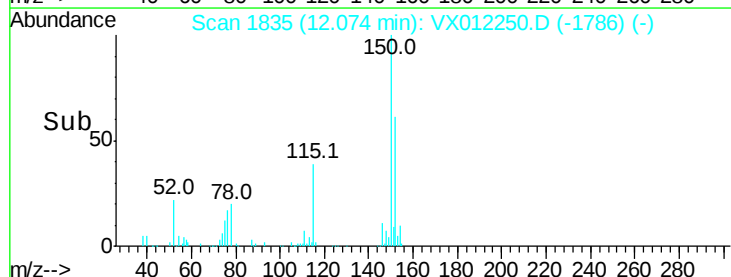
150 203.2 0.0 346.4

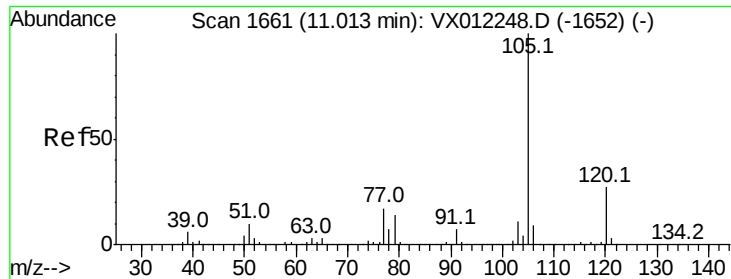


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 131.932 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX012250.D

Acq: 10 Sep 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

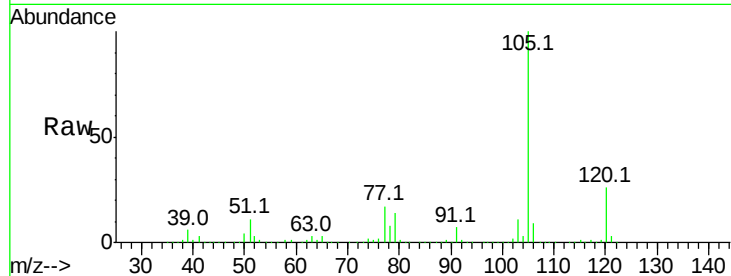
VSTDIC150

Tgt Ion:105 Resp: 1139031

Ion Ratio Lower Upper

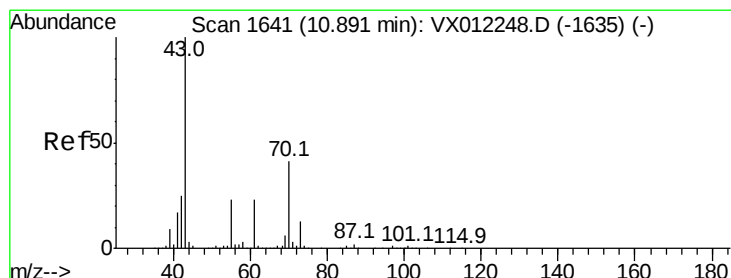
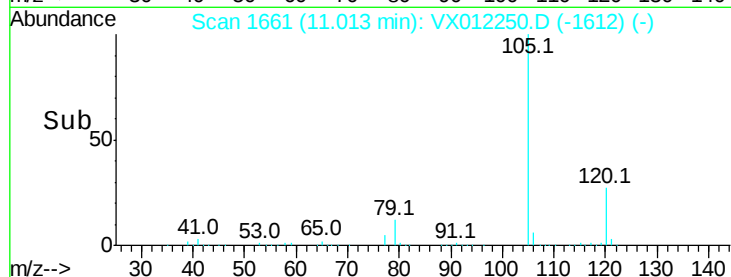
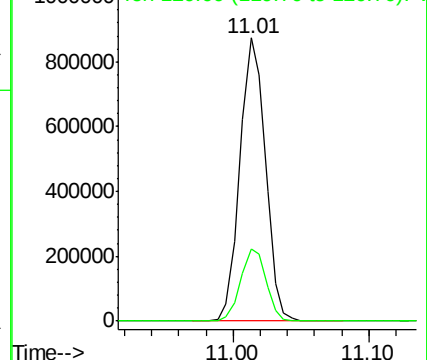
105 100

120 25.7 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 140.464 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX012250.D

Acq: 10 Sep 2019 11:22

Tgt Ion: 43 Resp: 388073

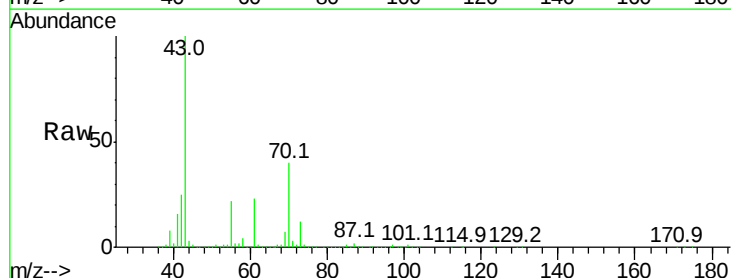
Ion Ratio Lower Upper

43 100

70 40.9 32.9 49.3

55 22.8 19.1 28.7

61 23.5 18.6 28.0

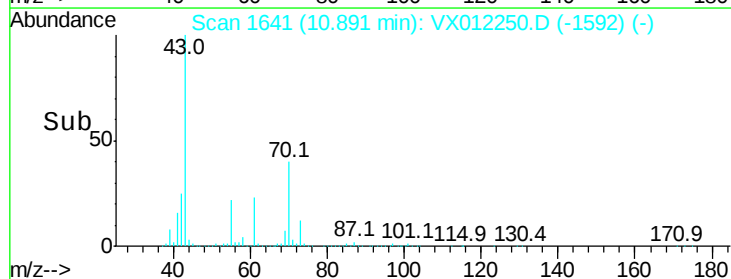
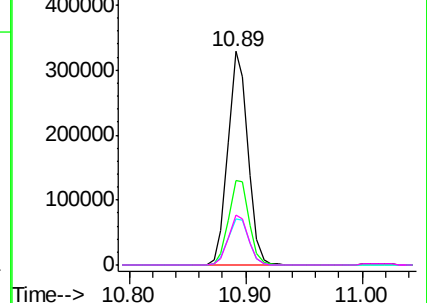


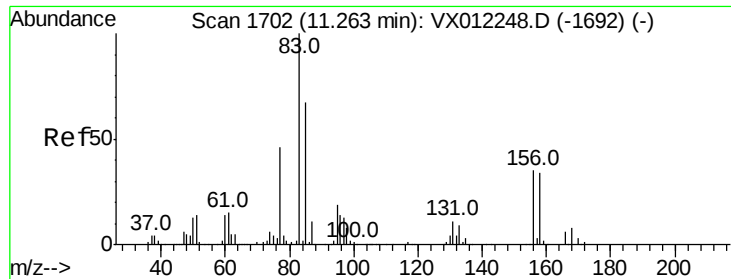
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 138.573 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX012250.D

Acq: 10 Sep 2019 11:22

Instrument :

MSVOA_X

ClientSampled :

VSTDIC150

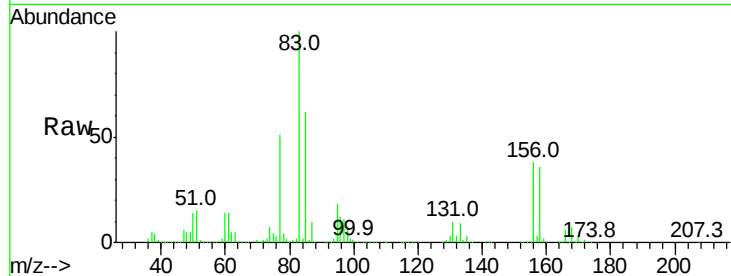
Tgt Ion: 83 Resp: 268901

Ion Ratio Lower Upper

83 100

131 10.7 5.5 16.4

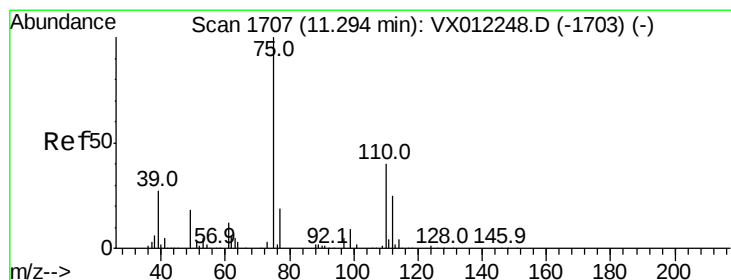
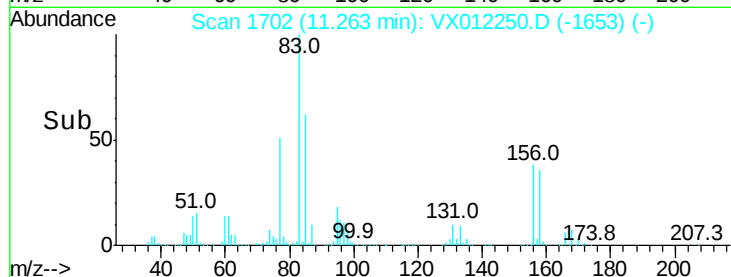
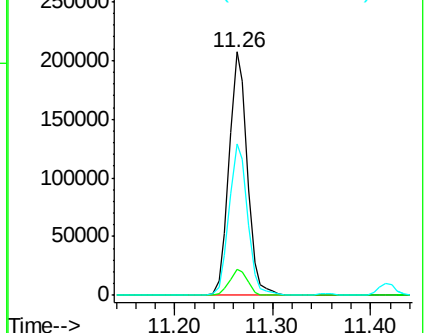
85 63.3 32.8 98.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 176.150 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX012250.D

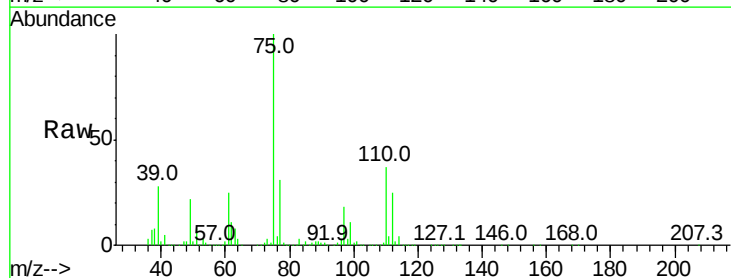
Acq: 10 Sep 2019 11:22

Tgt Ion: 75 Resp: 296473

Ion Ratio Lower Upper

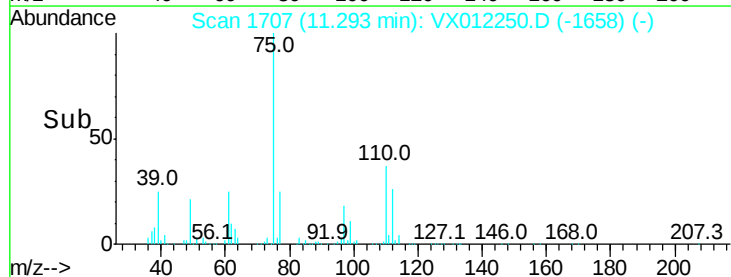
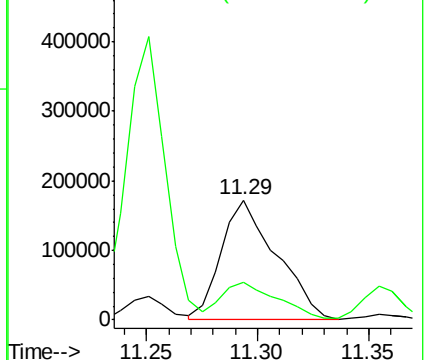
75 100

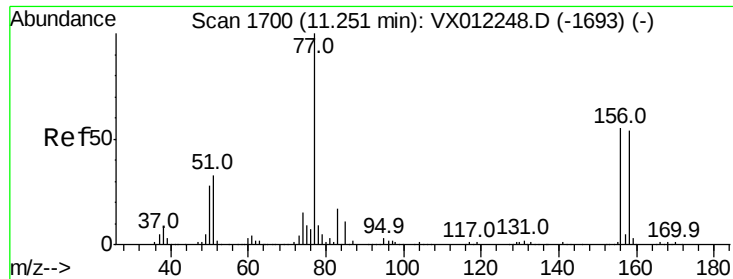
77 31.9 19.7 59.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 131.204 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX012250.D

Acq: 10 Sep 2019 11:22

Instrument :

MSVOA_X

ClientSampled :

VSTDIC150

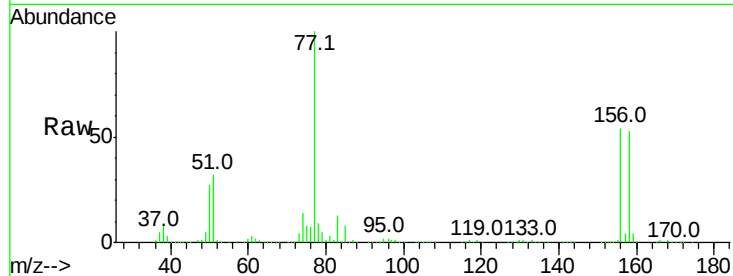
Tgt Ion:156 Resp: 270764

Ion Ratio Lower Upper

156 100

77 183.3 92.2 276.6

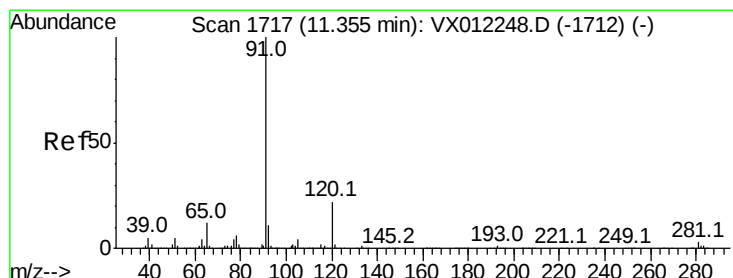
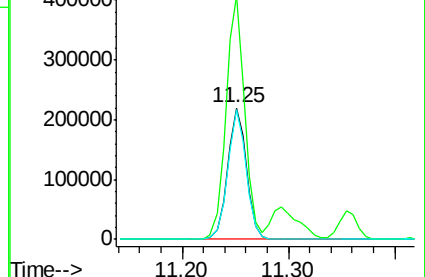
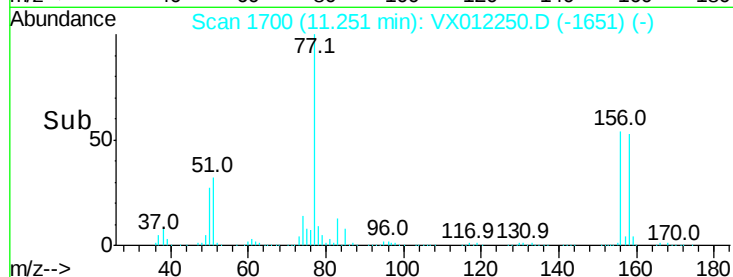
158 96.6 48.8 146.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 131.378 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX012250.D

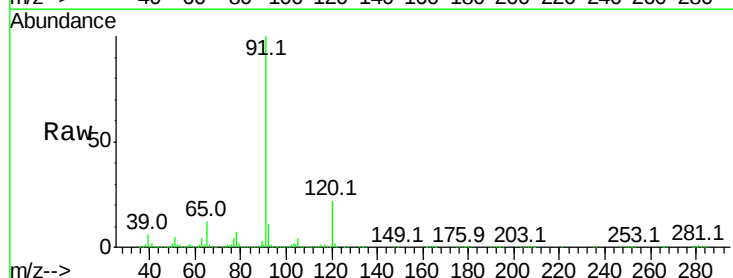
Acq: 10 Sep 2019 11:22

Tgt Ion: 91 Resp: 1365107

Ion Ratio Lower Upper

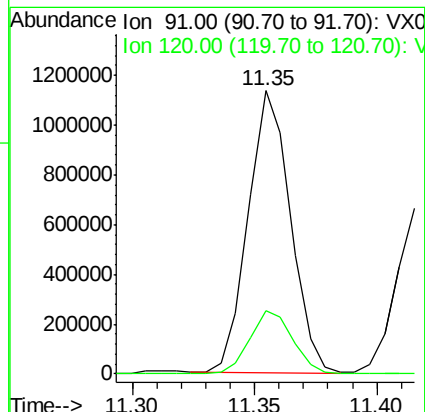
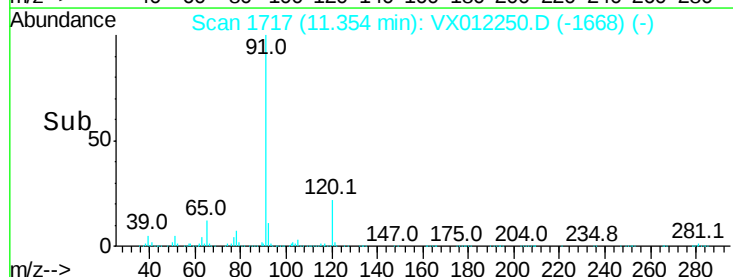
91 100

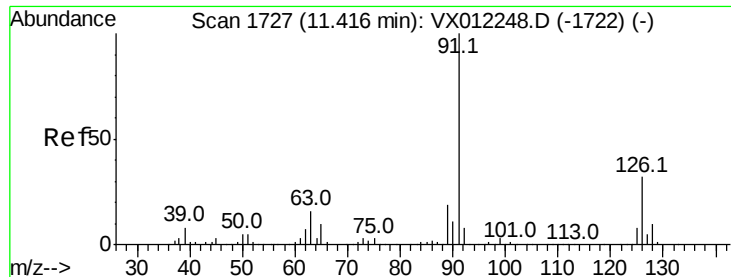
120 22.8 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

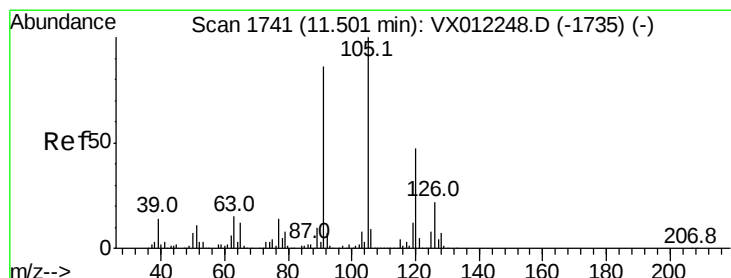
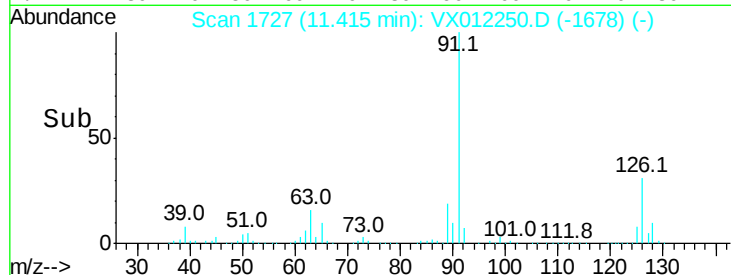
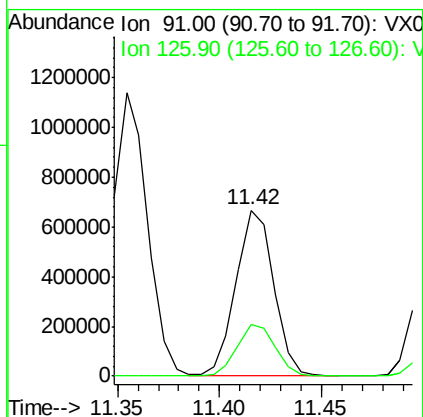
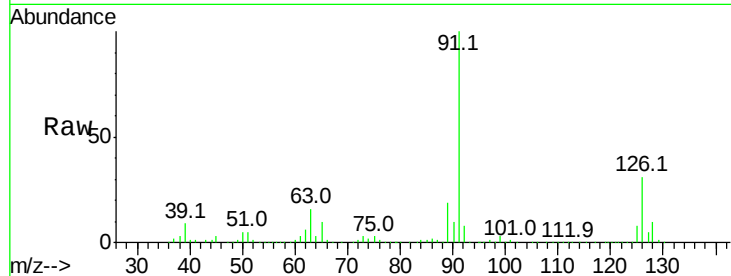




#79
 2-Chlorotoluene
 Concen: 132.310 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX012250.D
 Acq: 10 Sep 2019 11:22

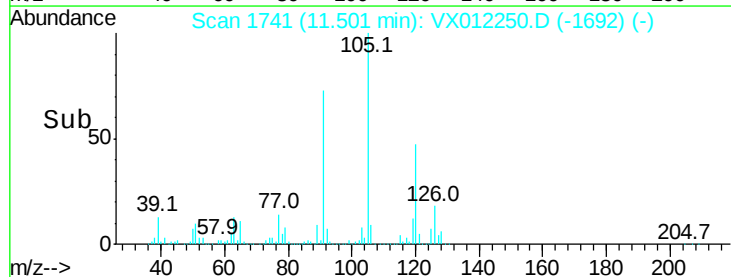
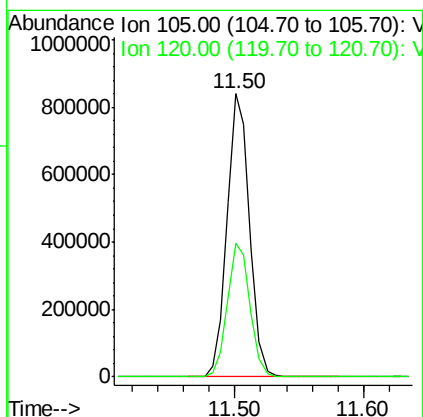
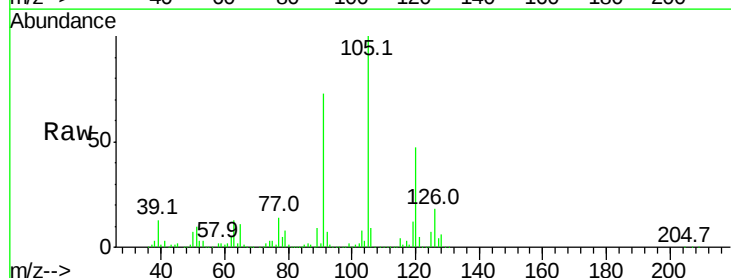
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

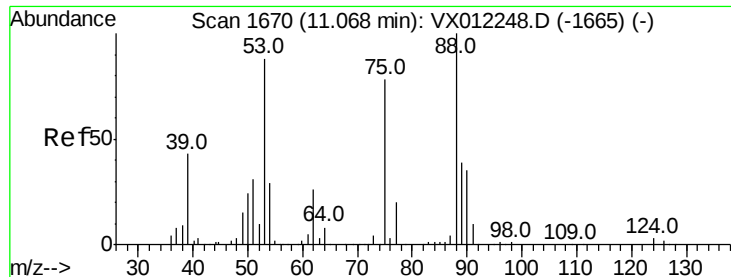
Tgt Ion: 91 Resp: 858124
 Ion Ratio Lower Upper
 91 100
 126 31.5 15.9 47.7



#80
 1,3,5-Trimethylbenzene
 Concen: 131.665 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX012250.D
 Acq: 10 Sep 2019 11:22

Tgt Ion: 105 Resp: 1028912
 Ion Ratio Lower Upper
 105 100
 120 47.5 23.7 71.1





#81

trans-1,4-Dichloro-2-butene

Concen: 145.022 ug/l

RT: 11.07 min Scan# 1671

Delta R.T. 0.01 min

Lab File: VX012250.D

Acq: 10 Sep 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

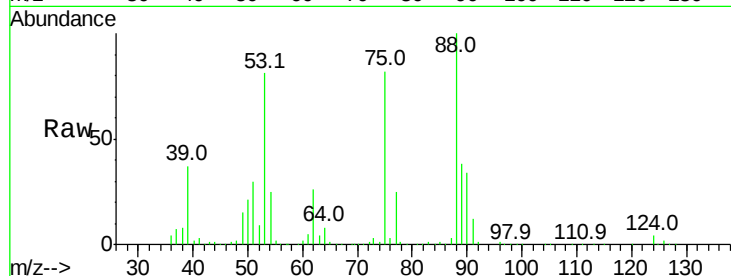
Tgt Ion: 75 Resp: 88375

Ion Ratio Lower Upper

75 100

53 103.0 88.1 132.1

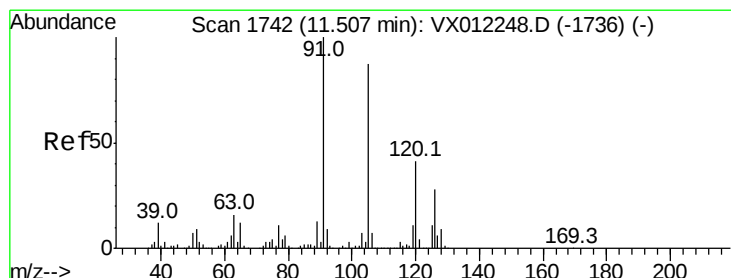
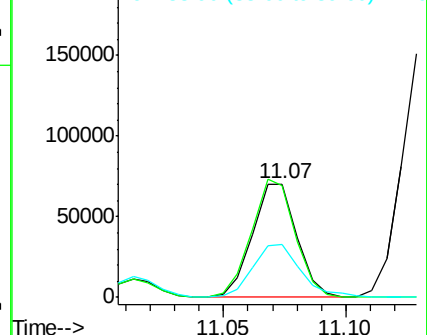
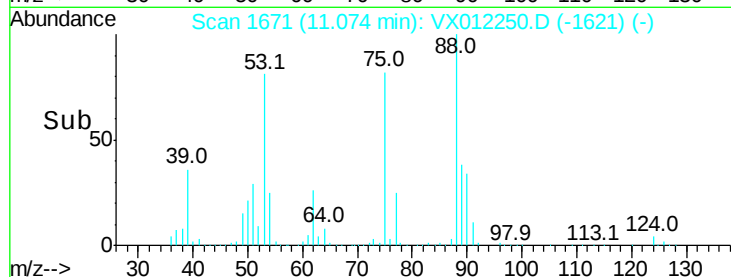
89 51.2 43.5 65.3



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: 127.786 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX012250.D

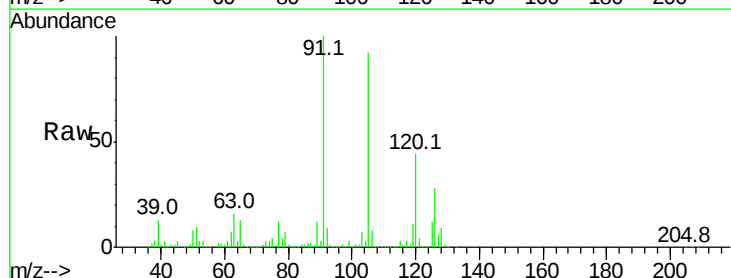
Acq: 10 Sep 2019 11:22

Tgt Ion: 91 Resp: 1014491

Ion Ratio Lower Upper

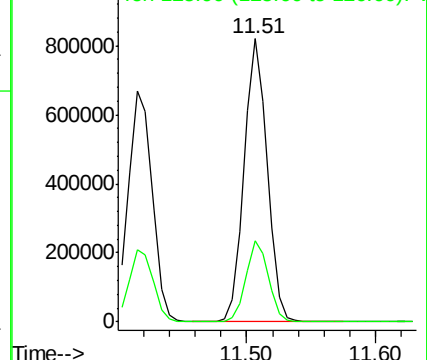
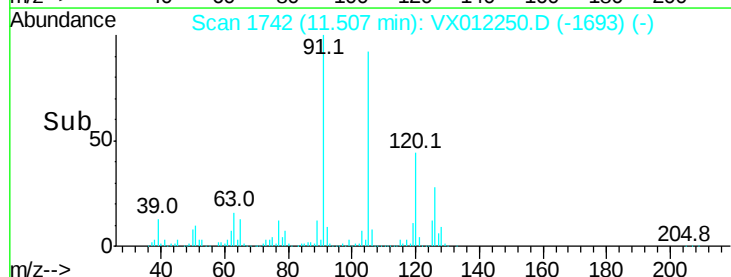
91 100

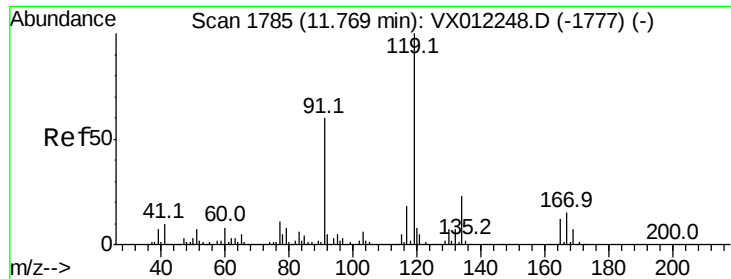
126 27.9 14.0 42.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

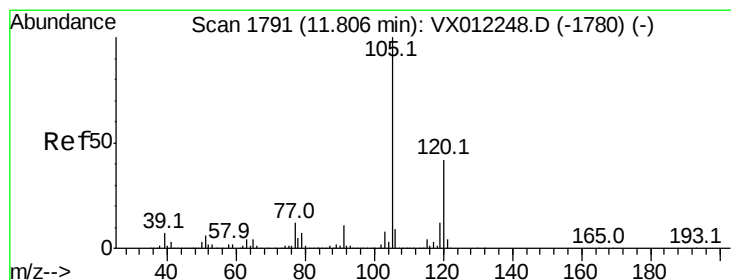
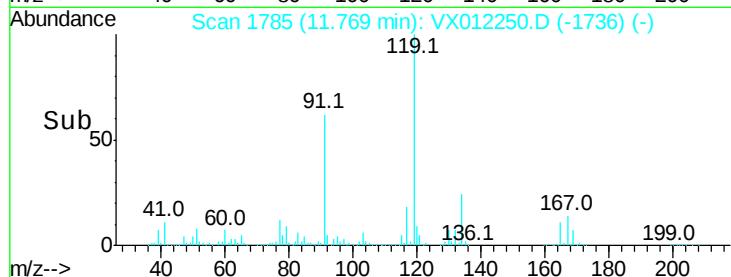
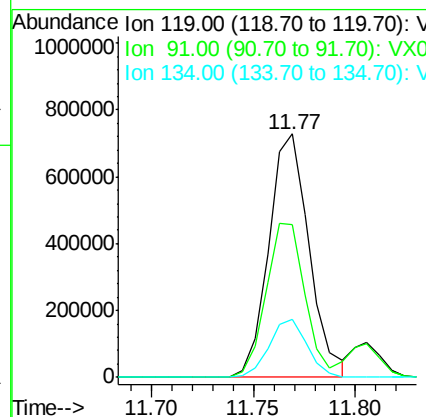
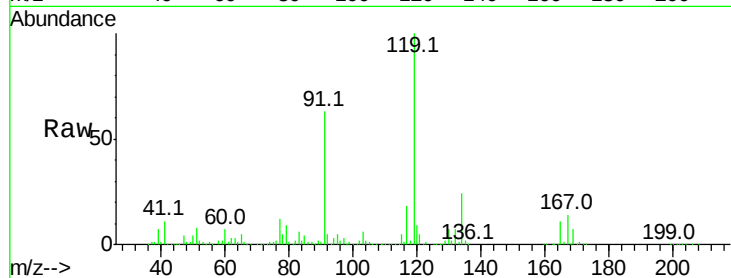




#83
 tert-Butylbenzene
 Concen: 132.311 ug/l
 RT: 11.77 min Scan# 1785
 Delta R.T. -0.00 min
 Lab File: VX012250.D
 Acq: 10 Sep 2019 11:22

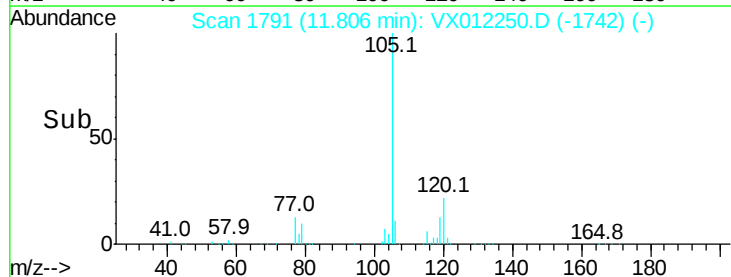
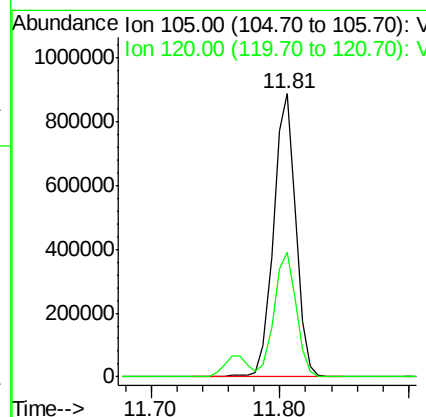
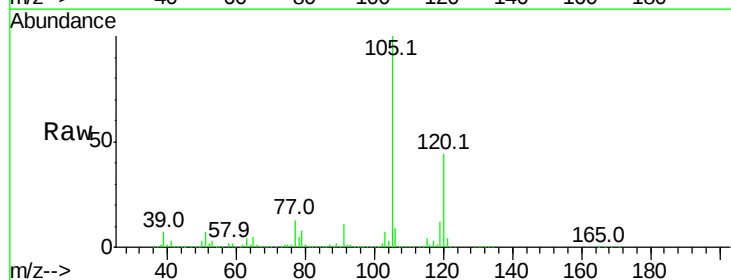
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

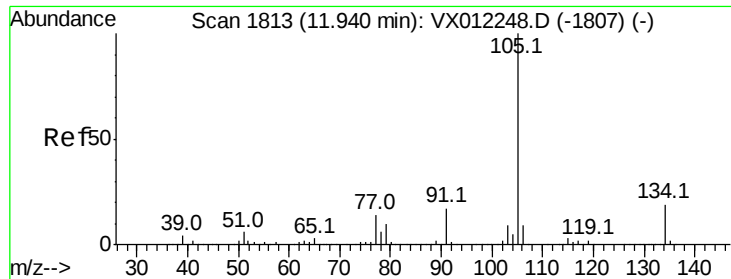
Tgt Ion:119 Resp: 1002456
 Ion Ratio Lower Upper
 119 100
 91 60.9 30.9 92.8
 134 22.6 11.2 33.6



#84
 1,2,4-Trimethylbenzene
 Concen: 132.295 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX012250.D
 Acq: 10 Sep 2019 11:22

Tgt Ion:105 Resp: 1069259
 Ion Ratio Lower Upper
 105 100
 120 43.8 21.3 63.9

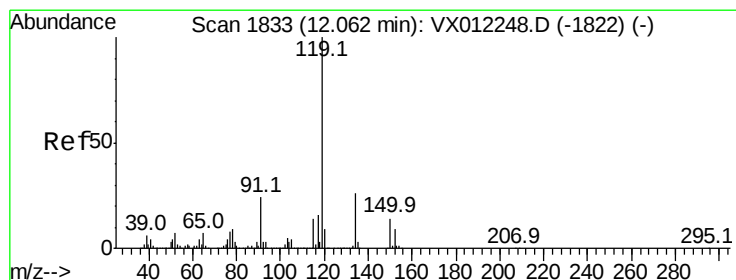
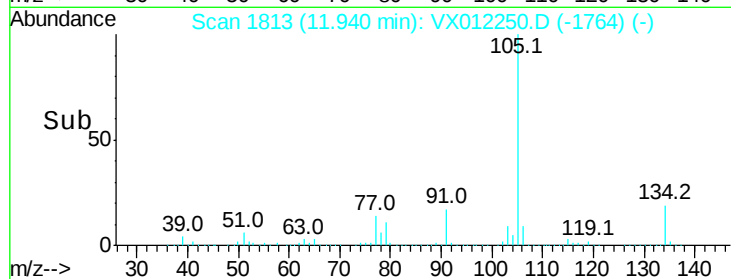
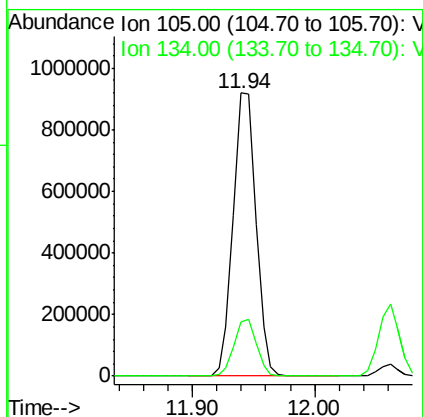
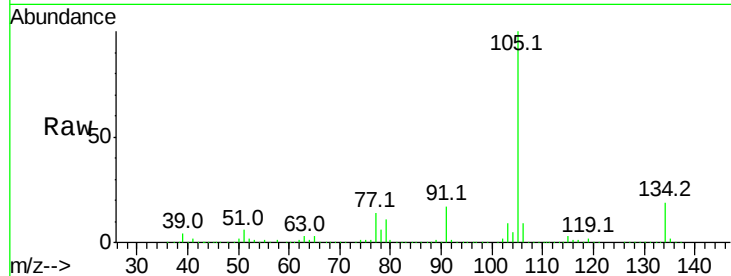




#85
 sec-Butylbenzene
 Concen: 132.553 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX012250.D
 Acq: 10 Sep 2019 11:22

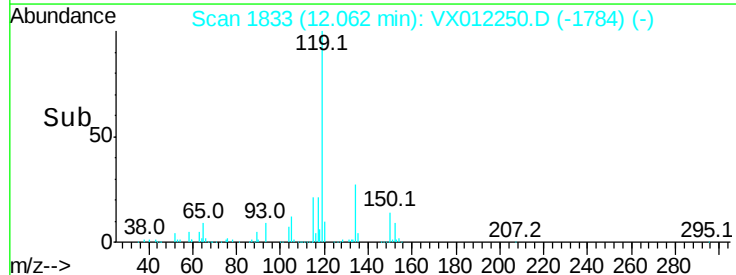
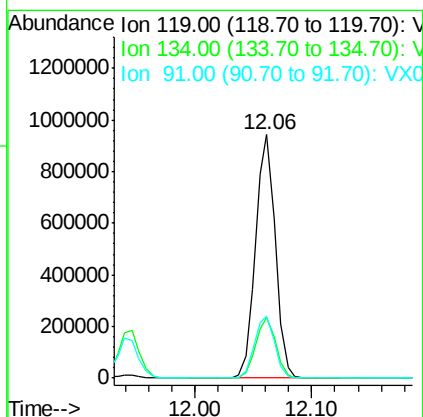
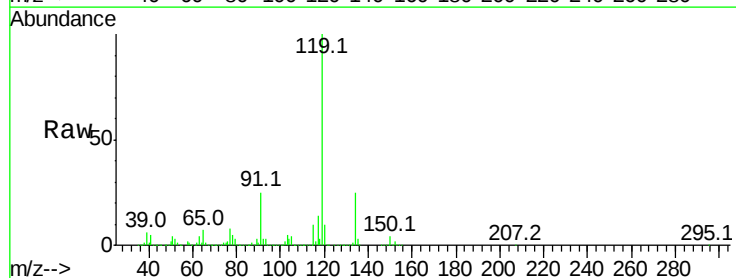
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

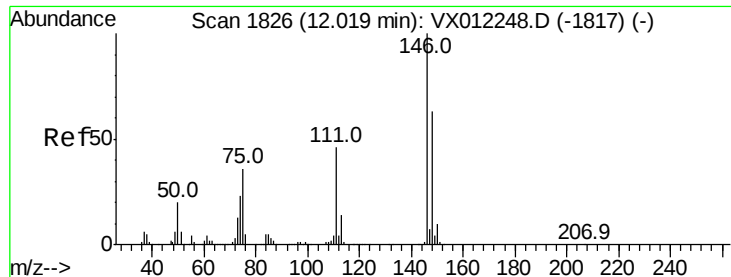
Tgt Ion:105 Resp: 1180479
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 135.293 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX012250.D
 Acq: 10 Sep 2019 11:22

Tgt Ion:119 Resp: 1117122
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.9 38.7
 91 25.9 13.1 39.1

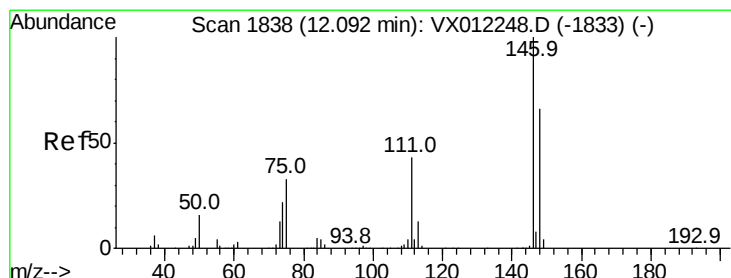
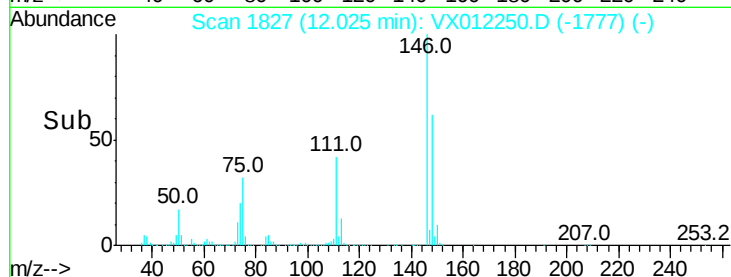
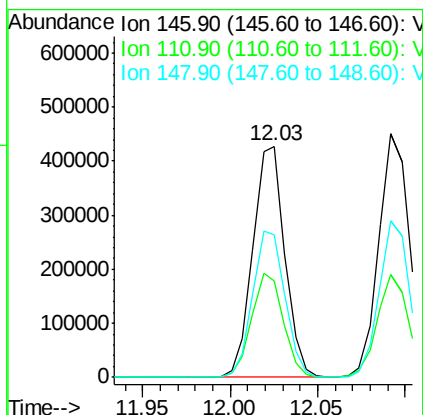
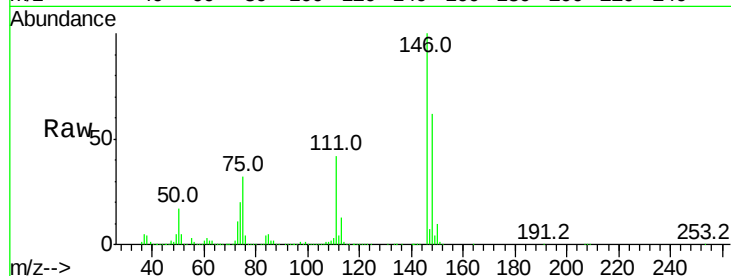




#87
 1,3-Dichlorobenzene
 Concen: 132.778 ug/l
 RT: 12.03 min Scan# 1827
 Delta R.T. 0.01 min
 Lab File: VX012250.D
 Acq: 10 Sep 2019 11:22

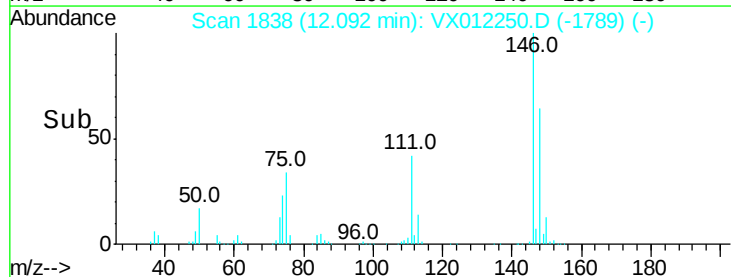
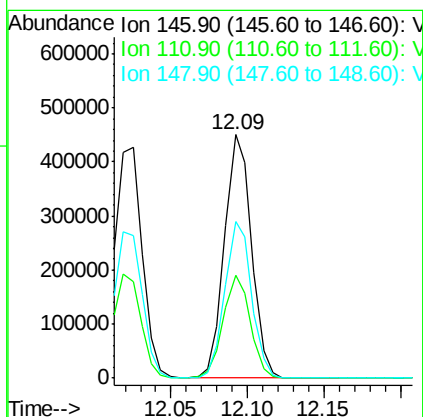
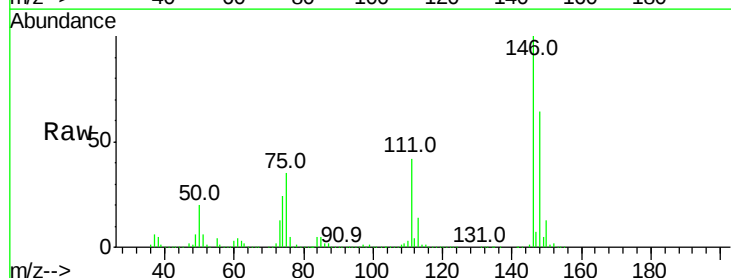
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

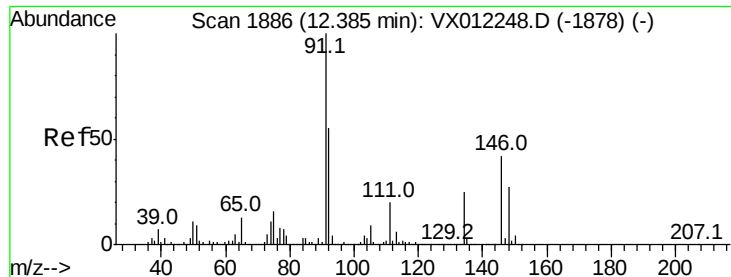
Tgt Ion:146 Resp: 543387
 Ion Ratio Lower Upper
 146 100
 111 44.3 22.3 66.8
 148 64.2 31.5 94.5



#88
 1,4-Dichlorobenzene
 Concen: 134.353 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX012250.D
 Acq: 10 Sep 2019 11:22

Tgt Ion:146 Resp: 551375
 Ion Ratio Lower Upper
 146 100
 111 42.3 21.6 64.8
 148 63.6 32.4 97.2

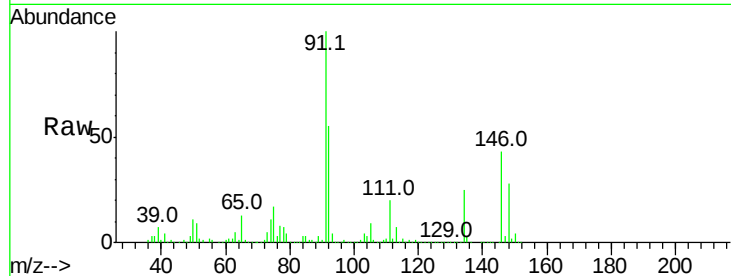




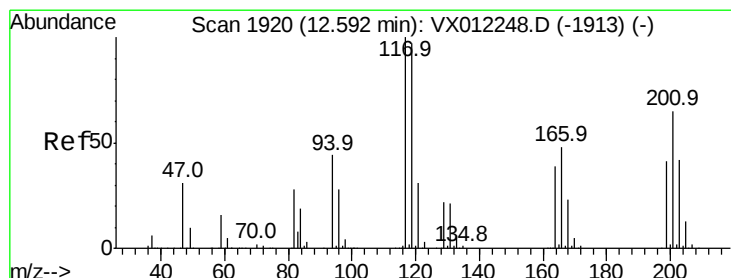
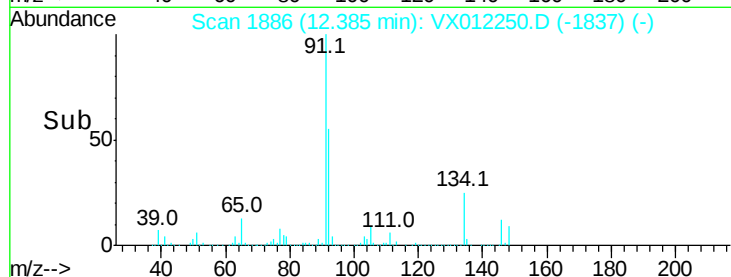
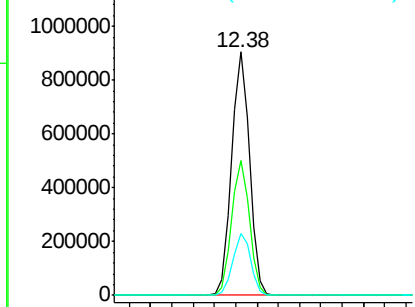
#89
n-Butylbenzene
Concen: 135.816 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX012250.D
Acq: 10 Sep 2019 11:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 91 Resp: 1075843
Ion Ratio Lower Upper
91 100
92 55.3 27.6 82.7
134 25.5 12.5 37.5

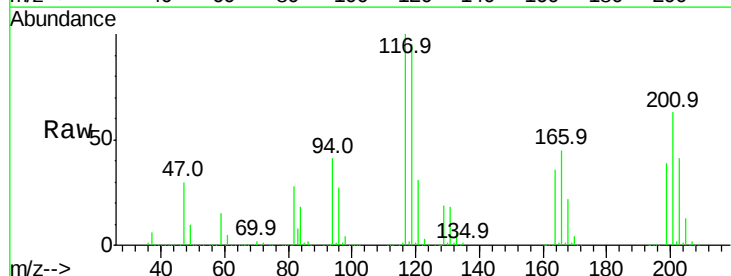


Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0
Ion 134.00 (133.70 to 134.70): V

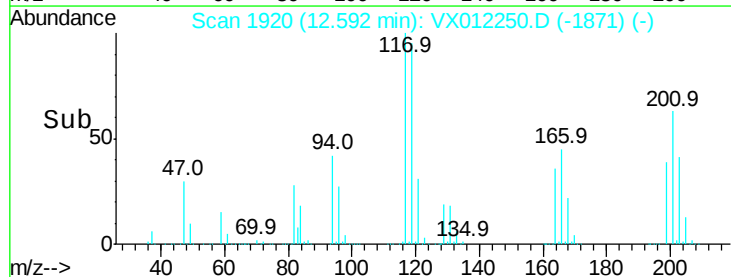
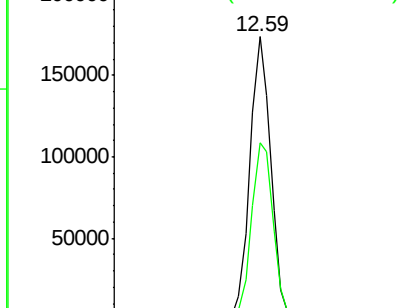


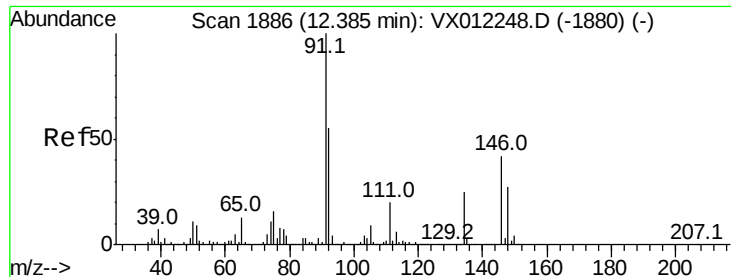
#90
Hexachloroethane
Concen: 144.413 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX012250.D
Acq: 10 Sep 2019 11:22

Tgt Ion: 117 Resp: 218679
Ion Ratio Lower Upper
117 100
201 65.3 32.2 96.6



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 132.833 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX012250.D

Acq: 10 Sep 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

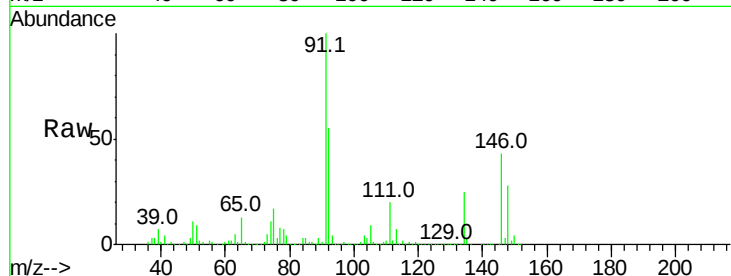
Tgt Ion:146 Resp: 508686

Ion Ratio Lower Upper

146 100

111 45.8 23.2 69.6

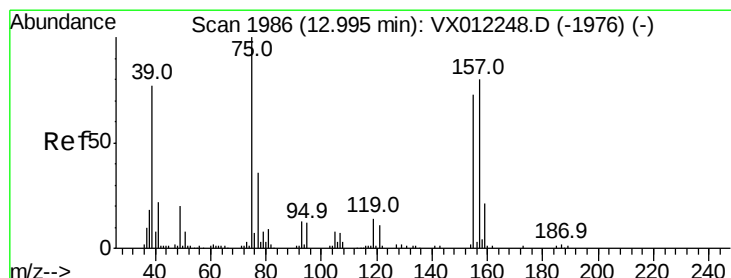
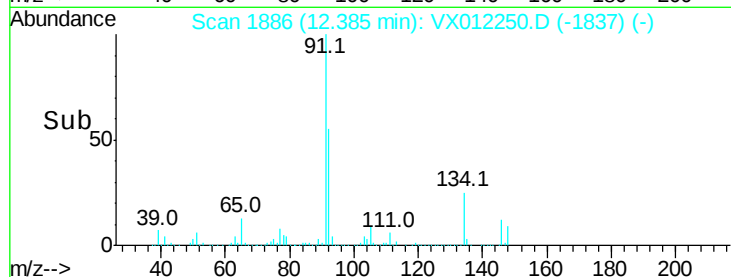
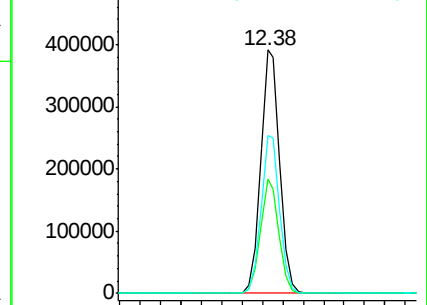
148 64.3 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 146.212 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VX012250.D

Acq: 10 Sep 2019 11:22

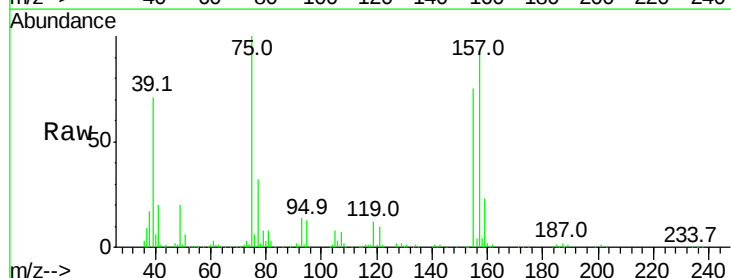
Tgt Ion: 75 Resp: 56244

Ion Ratio Lower Upper

75 100

155 73.7 35.3 105.7

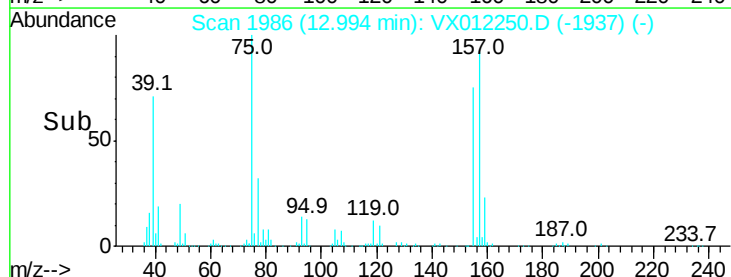
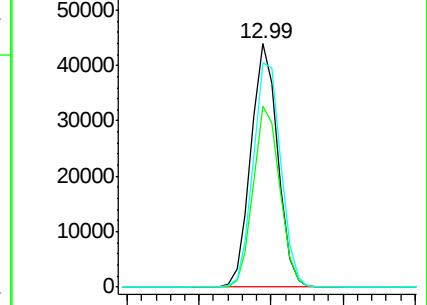
157 94.9 43.2 129.6

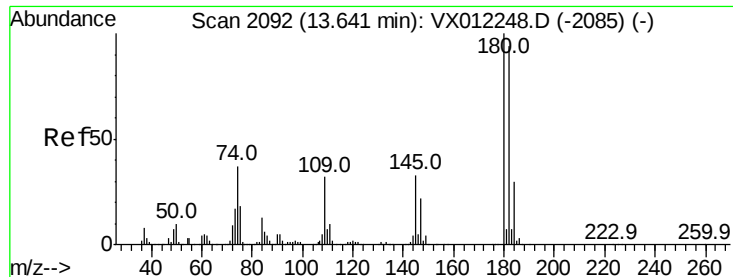


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

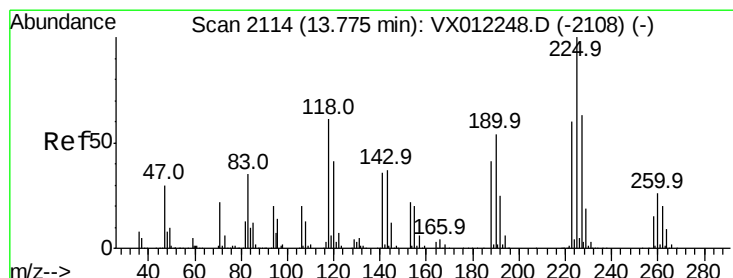
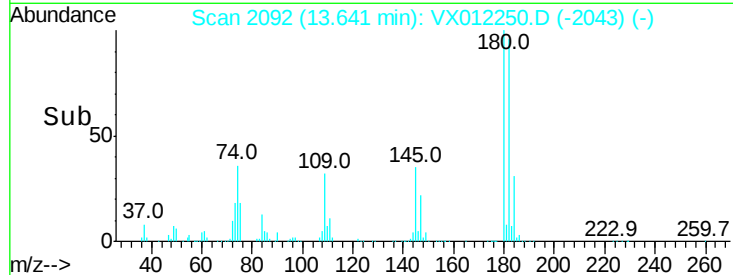
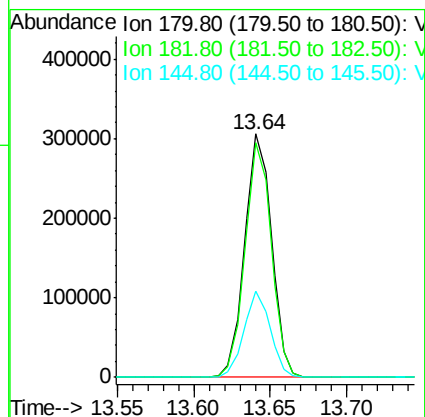
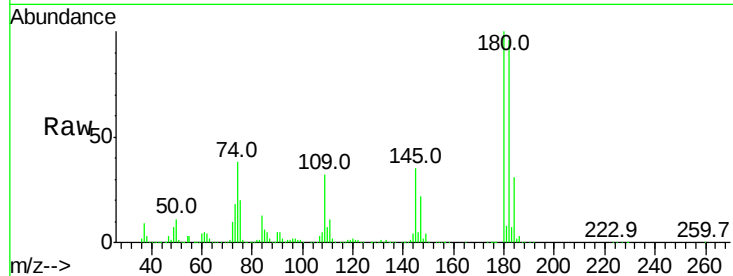




#93
 1,2,4-Trichlorobenzene
 Concen: 147.301 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX012250.D
 Acq: 10 Sep 2019 11:22

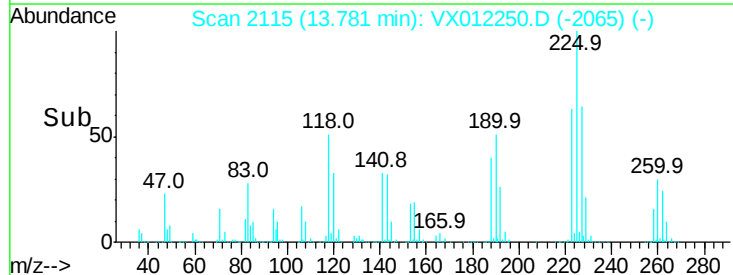
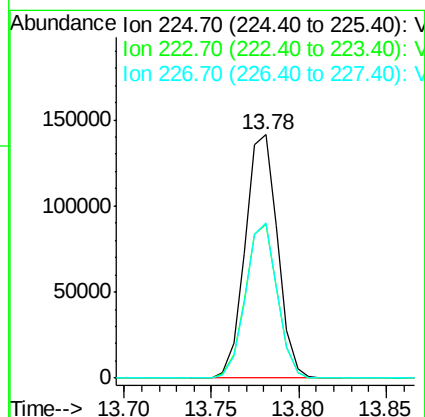
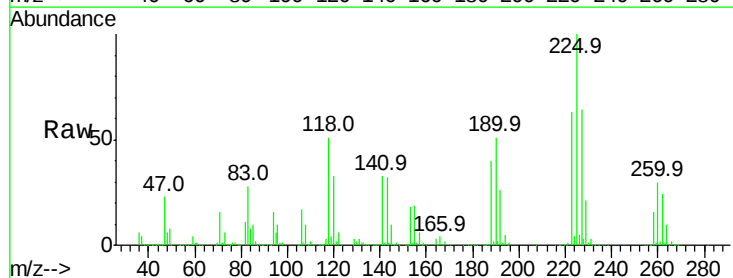
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

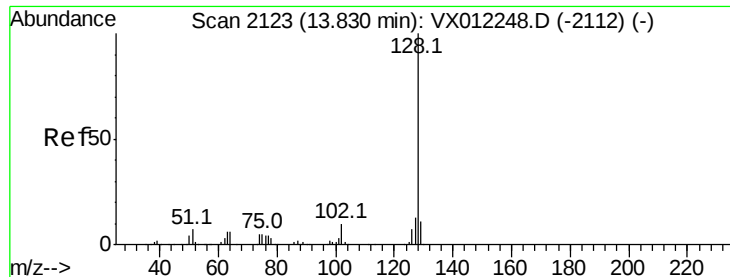
Tgt Ion:180 Resp: 373009
 Ion Ratio Lower Upper
 180 100
 182 94.7 46.9 140.8
 145 34.6 17.1 51.2



#94
 Hexachlorobutadiene
 Concen: 147.967 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. 0.01 min
 Lab File: VX012250.D
 Acq: 10 Sep 2019 11:22

Tgt Ion:225 Resp: 181269
 Ion Ratio Lower Upper
 225 100
 223 62.3 32.1 96.5
 227 61.9 32.5 97.5

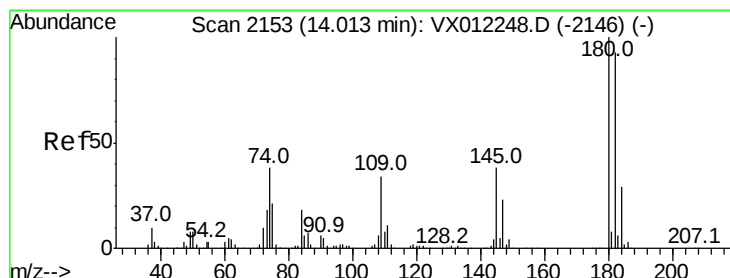
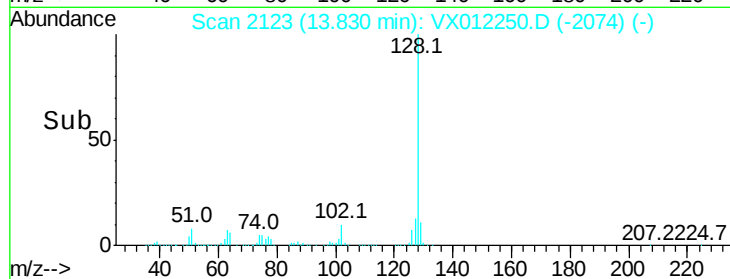
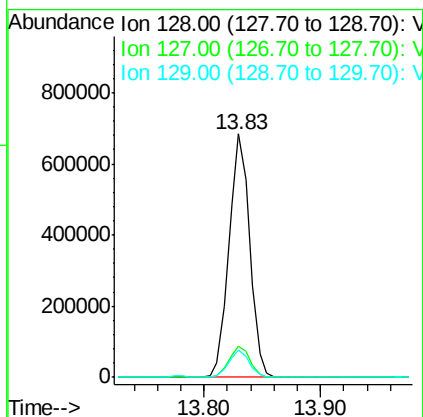
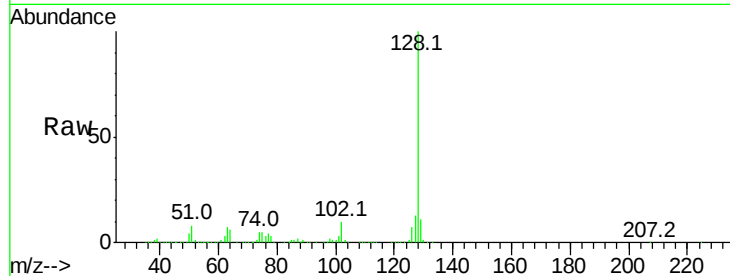




#95
Naphthalene
Concen: 152.082 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX012250.D
Acq: 10 Sep 2019 11:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:128 Resp: 845614
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 11.0 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 150.643 ug/l
RT: 14.02 min Scan# 2154
Delta R.T. 0.01 min
Lab File: VX012250.D
Acq: 10 Sep 2019 11:22

Tgt Ion:180 Resp: 333578
Ion Ratio Lower Upper
180 100
182 95.0 47.0 141.0
145 36.9 18.6 55.8

