

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082419\
 Data File : VX011816.D
 Acq On : 24 Aug 2019 14:18
 Operator : JC/SP
 Sample : VX0824WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0824WBS01

Quant Time: Aug 26 04:21:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 01:48:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	369536	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	527522	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	477511	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	261110	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	187565	50.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.06%	
35) Dibromofluoromethane	5.49	113	167076	48.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.96%	
50) Toluene-d8	8.71	98	602523	50.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.28%	
62) 4-Bromofluorobenzene	11.13	95	223844	47.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.20%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.19	85	69315	20.098	ug/l	99
3) Chloromethane	1.32	50	62393	20.629	ug/l	99
4) Vinyl Chloride	1.40	62	63552	21.019	ug/l	99
5) Bromomethane	1.64	94	42794	25.692	ug/l	100
6) Chloroethane	1.72	64	37430	21.174	ug/l	97
7) Trichlorofluoromethane	1.93	101	91292	18.965	ug/l	97
8) Diethyl Ether	2.18	74	34917	21.332	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	54941	18.444	ug/l	95
10) Methyl Iodide	2.50	142	64656	17.771	ug/l	98
11) Tert butyl alcohol	3.03	59	72598	98.968	ug/l	97
12) 1,1-Dichloroethene	2.37	96	58400	20.107	ug/l	98
13) Acrolein	2.29	56	26354	92.940	ug/l	99
14) Allyl chloride	2.72	41	83498	18.393	ug/l	98
15) Acrylonitrile	3.14	53	173839	103.609	ug/l	99
16) Acetone	2.43	43	152575	94.483	ug/l	95
17) Carbon Disulfide	2.56	76	134083	18.258	ug/l	100
18) Methyl Acetate	2.76	43	96866	22.106	ug/l	97
19) Methyl tert-butyl Ether	3.18	73	192662	20.679	ug/l	100
20) Methylene Chloride	2.85	84	63532	19.244	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	62073	19.814	ug/l	96
22) Diisopropyl ether	3.85	45	186690	21.207	ug/l	100
23) Vinyl Acetate	3.81	43	716001	98.236	ug/l	100
24) 1,1-Dichloroethane	3.69	63	107669	20.715	ug/l	98
25) 2-Butanone	4.66	43	236191	101.900	ug/l	99
26) 2,2-Dichloropropane	4.57	77	41205	9.335	ug/l	91
27) cis-1,2-Dichloroethene	4.59	96	72176	20.090	ug/l	90
28) Bromochloromethane	5.01	49	49180	20.845	ug/l	94
29) Tetrahydrofuran	5.12	42	156447	105.294	ug/l	99
30) Chloroform	5.21	83	113247	20.083	ug/l	94
31) Cyclohexane	5.57	56	90495	19.825	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	99374	20.273	ug/l	99
36) 1,1-Dichloropropene	5.79	75	78911	19.076	ug/l	99
37) Ethyl Acetate	4.82	43	86725	19.811	ug/l	99
38) Carbon Tetrachloride	5.78	117	85249	18.184	ug/l	98

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	89203	17.401	ug/l	96
40) Benzene	6.13	78	250623	19.585	ug/l	98
41) Methacrylonitrile	5.03	41	49245	19.342	ug/l	98
42) 1,2-Dichloroethane	6.19	62	87038	18.606	ug/l	96
43) Isopropyl Acetate	6.43	43	133908	18.899	ug/l	98
44) Trichloroethene	7.21	130	74115	18.788	ug/l	97
45) 1,2-Dichloropropane	7.51	63	61308	19.060	ug/l	96
46) Dibromomethane	7.66	93	45628	19.241	ug/l	97
47) Bromodichloromethane	7.89	83	80333	18.818	ug/l	98
48) Methyl methacrylate	7.76	41	70420	19.971	ug/l	95
49) 1,4-Dioxane	7.73	88	37015	378.868	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	457563	98.006	ug/l	99
52) Toluene	8.78	92	157262	18.991	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	75213	16.784	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	84251	17.233	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	68054	19.725	ug/l	97
56) Ethyl methacrylate	9.17	69	97707	19.913	ug/l	97
57) 1,3-Dichloropropane	9.37	76	107480	19.293	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	265415	102.832	ug/l	99
59) 2-Hexanone	9.49	43	352770	98.446	ug/l	100
60) Dibromochloromethane	9.58	129	69369	18.596	ug/l	98
61) 1,2-Dibromoethane	9.67	107	73887	19.959	ug/l	98
64) Tetrachloroethene	9.34	164	78785	20.681	ug/l	99
65) Chlorobenzene	10.13	112	180098	19.318	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	67137	19.221	ug/l	98
67) Ethyl Benzene	10.25	91	296034	19.002	ug/l	98
68) m/p-Xylenes	10.35	106	232638	38.727	ug/l	99
69) o-Xylene	10.69	106	114955	19.491	ug/l	97
70) Styrene	10.71	104	193678	19.630	ug/l	98
71) Bromoform	10.85	173	56793	18.848	ug/l	# 99
73) Isopropylbenzene	11.01	105	303990	19.319	ug/l	100
74) N-amyl acetate	10.90	43	115273	18.922	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	99867	19.174	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	86487m	18.877	ug/l	
77) Bromobenzene	11.25	156	91244	19.669	ug/l	96
78) n-propylbenzene	11.35	91	322373	19.160	ug/l	99
79) 2-Chlorotoluene	11.41	91	200847	19.187	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	256648	19.548	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	21104	13.891	ug/l	94
82) 4-Chlorotoluene	11.51	91	230845	19.132	ug/l	99
83) tert-Butylbenzene	11.77	119	250673	19.352	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	259627	19.583	ug/l	99
85) sec-Butylbenzene	11.94	105	289328	19.527	ug/l	99
86) p-Isopropyltoluene	12.06	119	273141	19.159	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	155760	19.498	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	156187	19.325	ug/l	99
89) n-Butylbenzene	12.38	91	210341	17.823	ug/l	100
90) Hexachloroethane	12.59	117	41709	18.832	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	156142	19.379	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	21495	17.754	ug/l	96

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Quant Title : SW846 8260
QLast Update : Fri Aug 23 01:48:12 2019
Response via : Initial Calibration

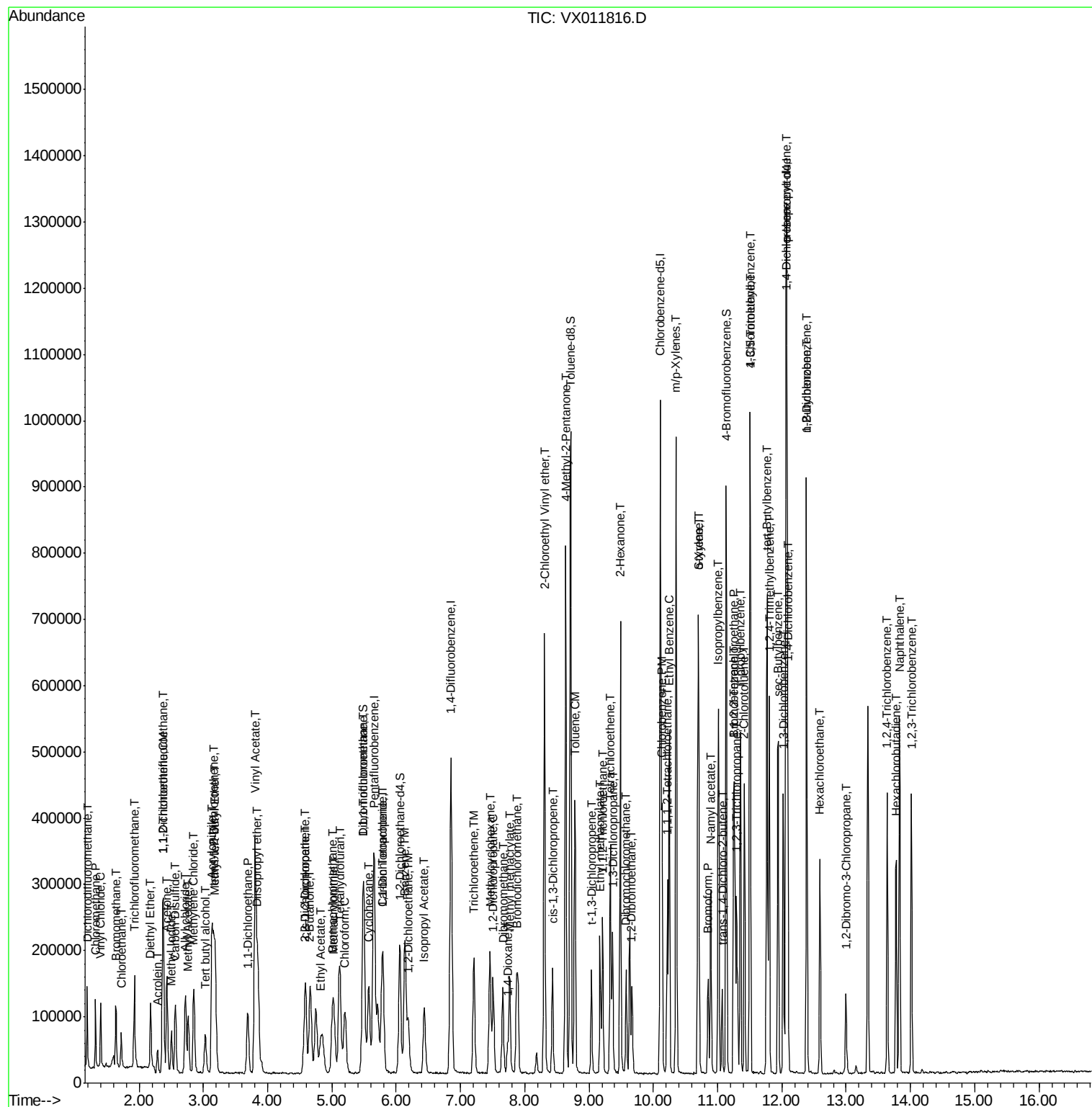
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	115789	19.537	ug/l	98
94) Hexachlorobutadiene	13.78	225	56076	17.267	ug/l	99
95) Naphthalene	13.83	128	341655	20.931	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	120559	20.259	ug/l	98

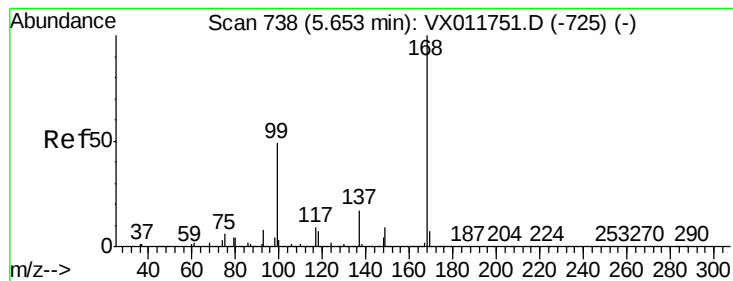
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Quant Title : SW846 8260
QLast Update : Fri Aug 23 01:48:12 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.00 min

Lab File: VX011816.D

Acq: 24 Aug 2019 14:18

Instrument :

MSVOA_X

ClientSampleId :

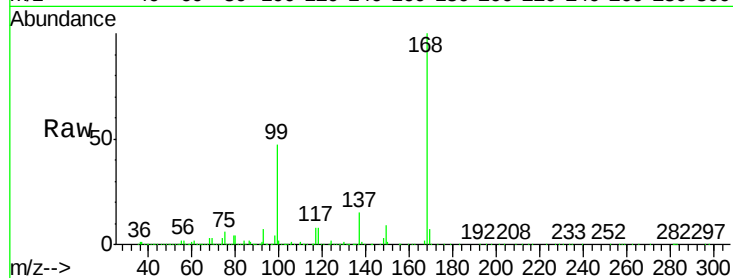
VX0824WBS01

Tot Ion:168 Resp: 369536

Ion Ratio Lower Upper

168 100

99 47.3 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

150000

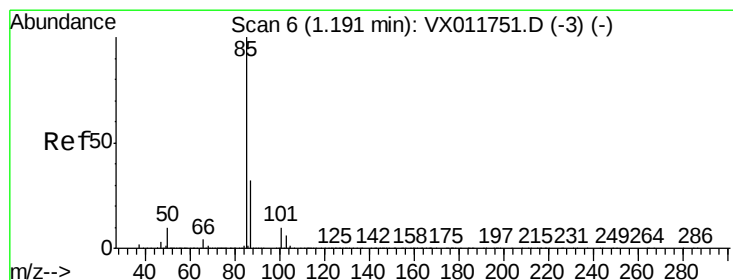
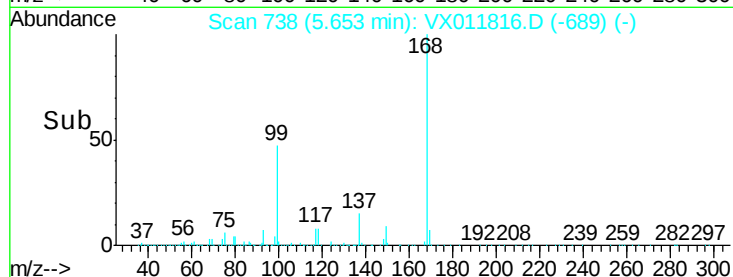
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 20.098 ug/l

RT: 1.19 min Scan# 6

Delta R.T. -0.00 min

Lab File: VX011816.D

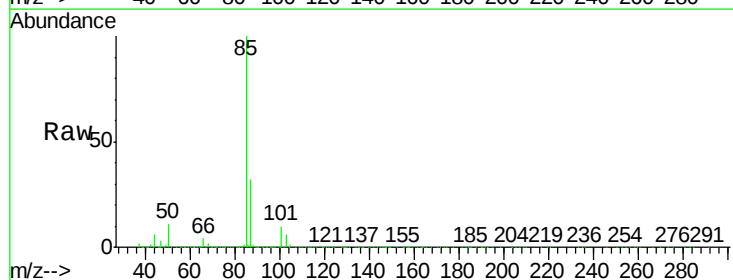
Acq: 24 Aug 2019 14:18

Tgt Ion: 85 Resp: 69315

Ion Ratio Lower Upper

85 100

87 31.5 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

80000

60000

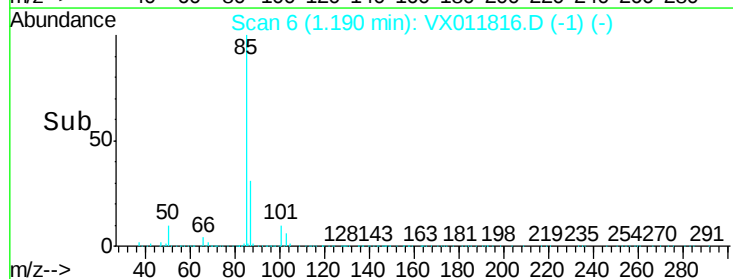
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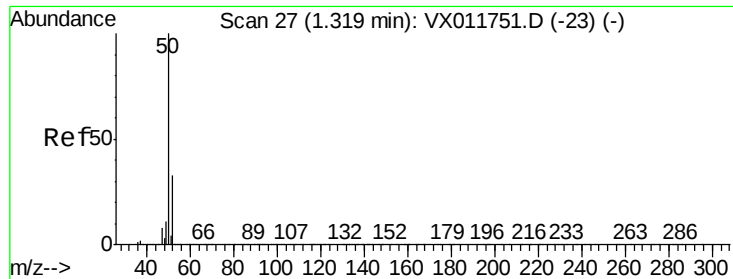
20000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 20.629 ug/l

RT: 1.32 min Scan# 27

Delta R.T. -0.00 min

Lab File: VX011816.D

Acq: 24 Aug 2019 14:18

Instrument :

MSVOA_X

ClientSampleId :

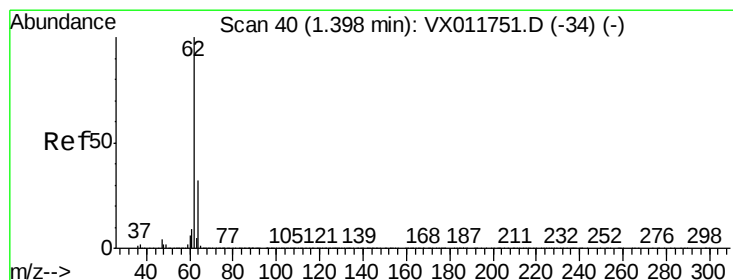
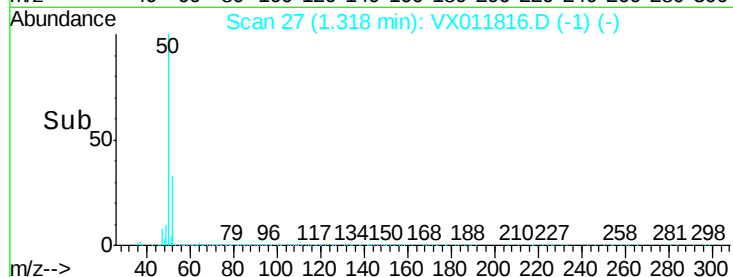
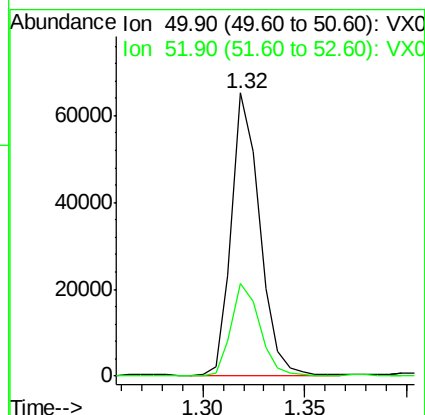
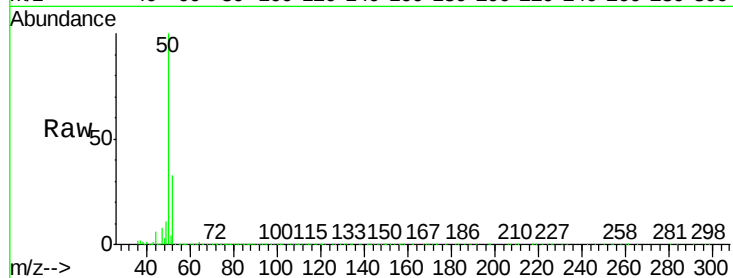
VX0824WBS01

Tot Ion: 50 Resp: 62393

Ion Ratio Lower Upper

50 100

52 32.5 26.6 39.8



#4

Vinyl Chloride

Concen: 21.019 ug/l

RT: 1.40 min Scan# 40

Delta R.T. -0.00 min

Lab File: VX011816.D

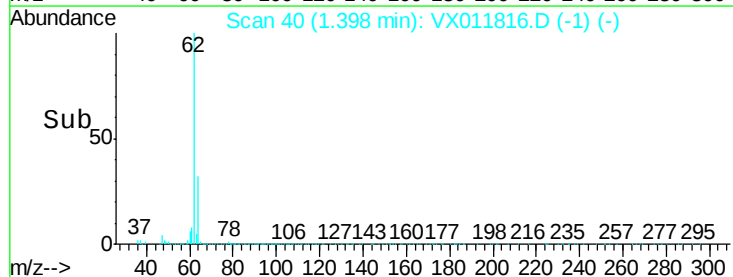
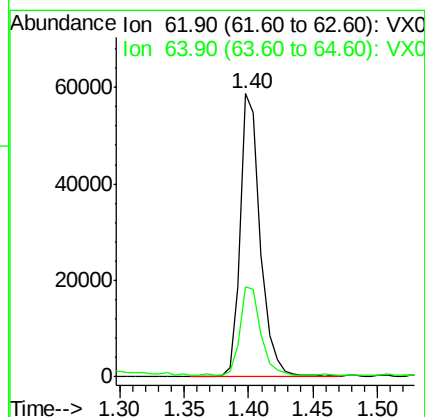
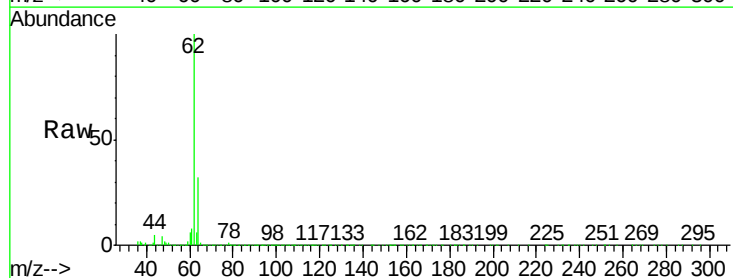
Acq: 24 Aug 2019 14:18

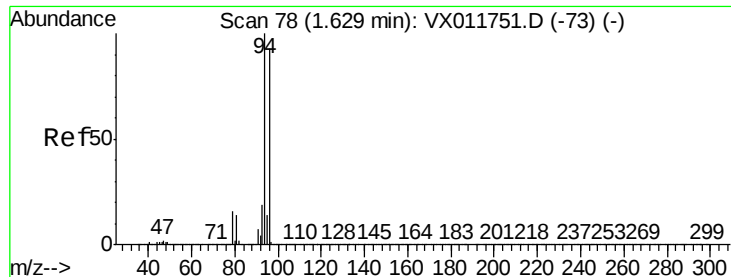
Tgt Ion: 62 Resp: 63552

Ion Ratio Lower Upper

62 100

64 31.5 25.5 38.3





#5

Bromomethane

Concen: 25.692 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.01 min

Lab File: VX011816.D

Acq: 24 Aug 2019 14:18

Instrument :

MSVOA_X

ClientSampleId :

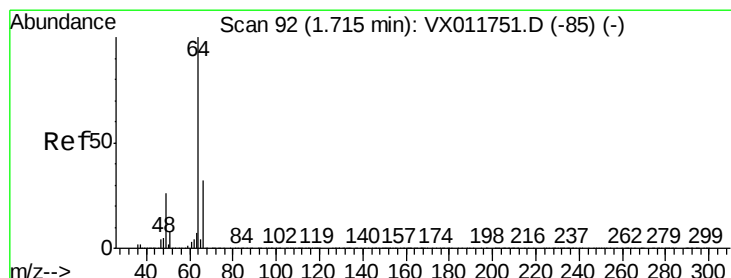
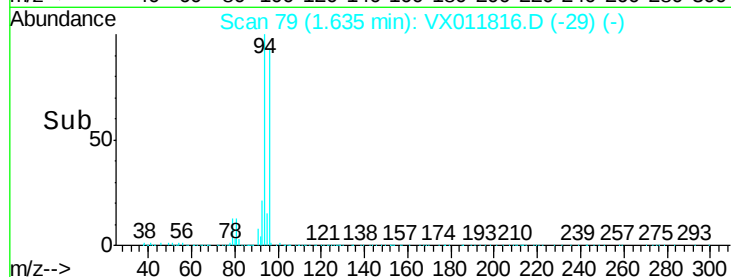
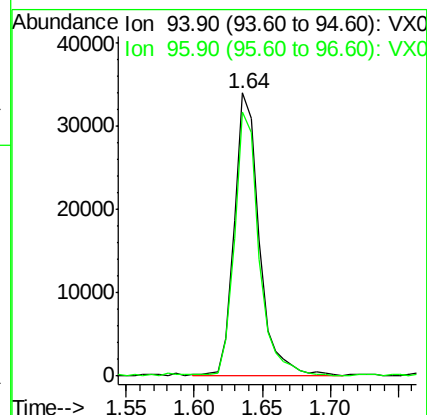
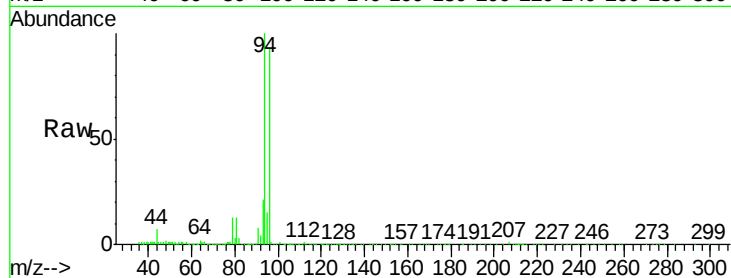
VX0824WBS01

Tot Ion: 94 Resp: 42794

Ion Ratio Lower Upper

94 100

96 93.0 74.1 111.1



#6

Chloroethane

Concen: 21.174 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX011816.D

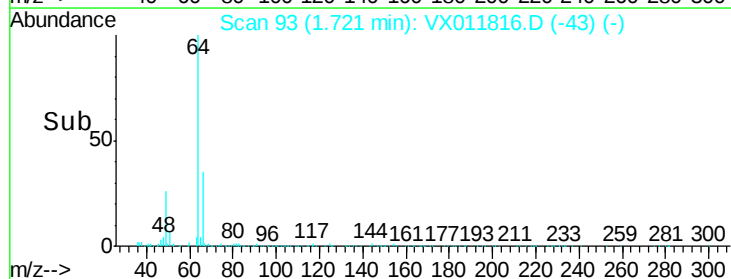
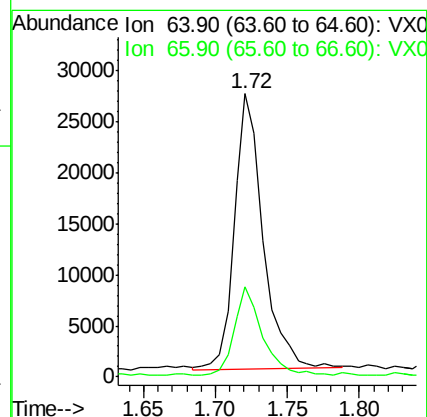
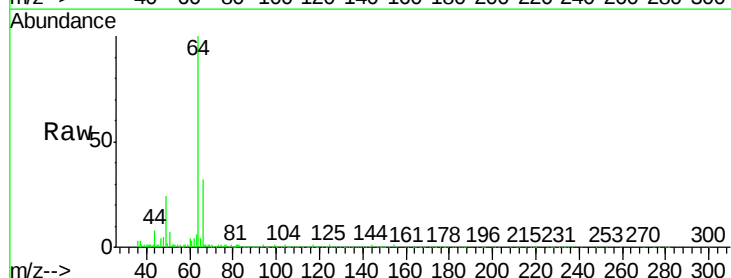
Acq: 24 Aug 2019 14:18

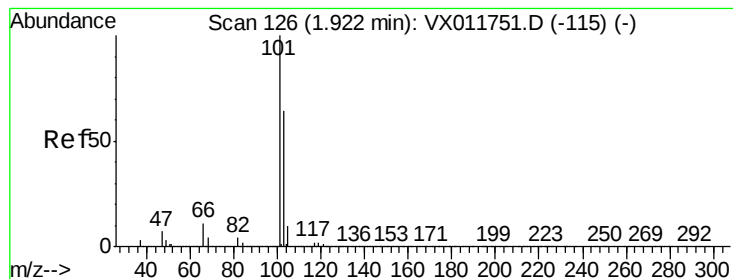
Tgt Ion: 64 Resp: 37430

Ion Ratio Lower Upper

64 100

66 32.5 24.9 37.3



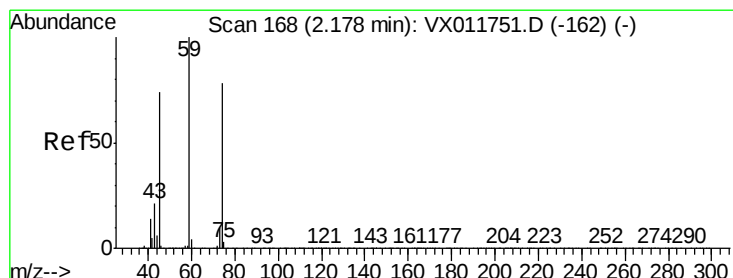
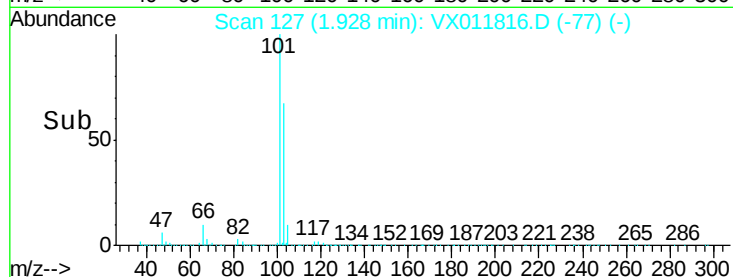
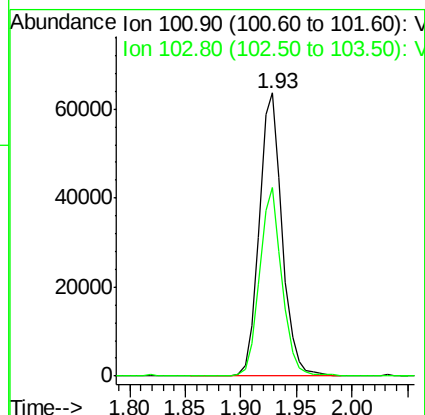
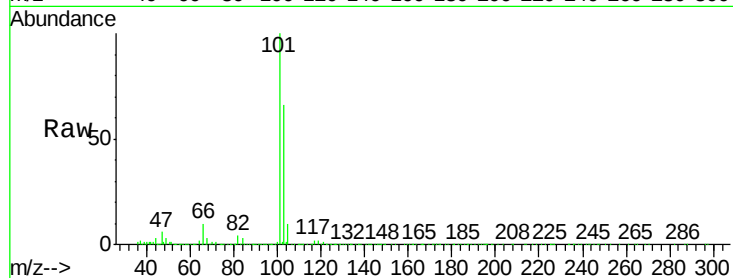


#7

Trichlorofluoromethane
Concen: 18.965 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX011816.D
Acq: 24 Aug 2019 14:18

Instrument :
MSVOA_X
ClientSampleId :
VX0824WBS01

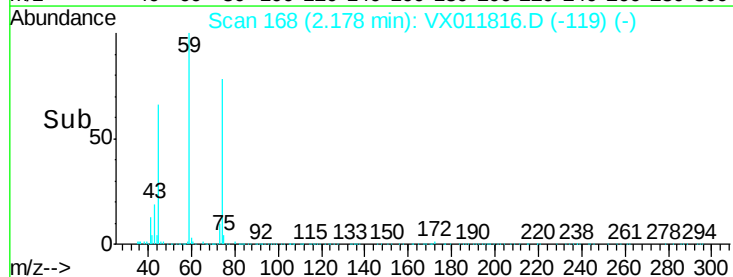
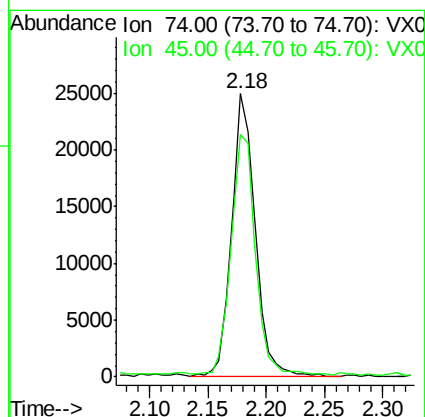
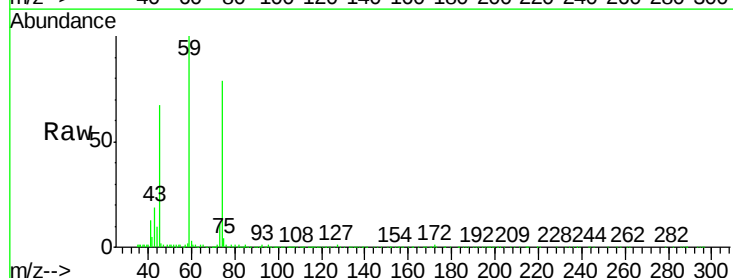
Tot Ion:101 Resp: 91292
Ion Ratio Lower Upper
101 100
103 66.3 51.2 76.8

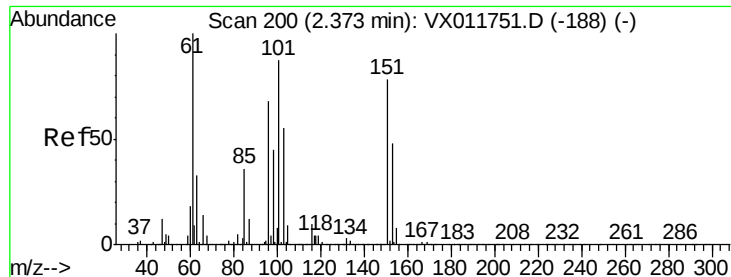


#8

Diethyl Ether
Concen: 21.332 ug/l
RT: 2.18 min Scan# 168
Delta R.T. -0.00 min
Lab File: VX011816.D
Acq: 24 Aug 2019 14:18

Tgt Ion: 74 Resp: 34917
Ion Ratio Lower Upper
74 100
45 89.3 46.7 140.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.444 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.01 min

Lab File: VX011816.D

Acq: 24 Aug 2019 14:18

Instrument :

MSVOA_X

ClientSampleId :

VX0824WBS01

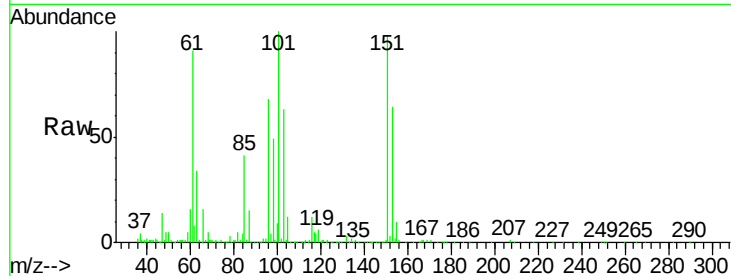
Tot Ion:101 Resp: 54941

Ion Ratio Lower Upper

101 100

85 42.2 33.7 50.5

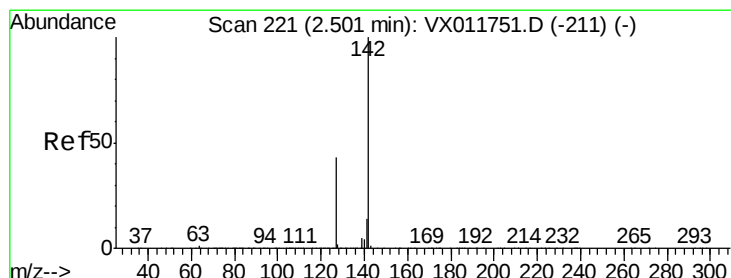
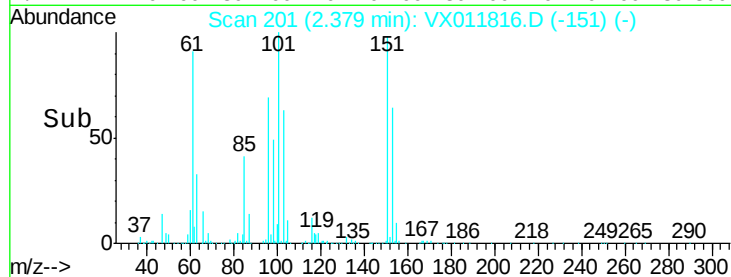
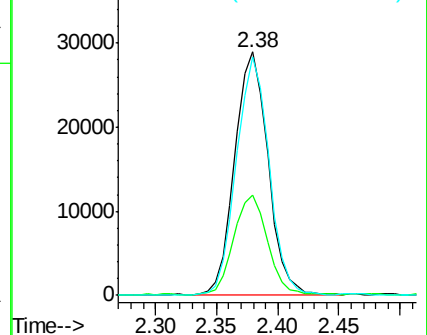
151 96.0 71.4 107.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.771 ug/l

RT: 2.50 min Scan# 221

Delta R.T. -0.00 min

Lab File: VX011816.D

Acq: 24 Aug 2019 14:18

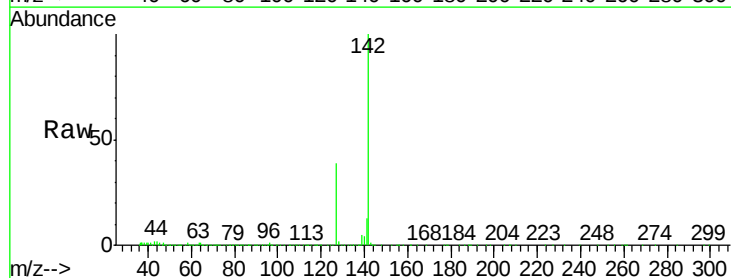
Tgt Ion:142 Resp: 64656

Ion Ratio Lower Upper

142 100

127 40.3 33.5 50.3

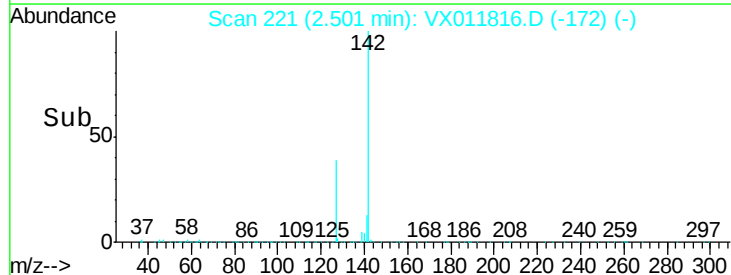
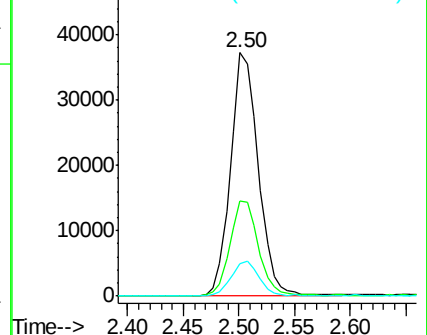
141 14.8 11.4 17.2

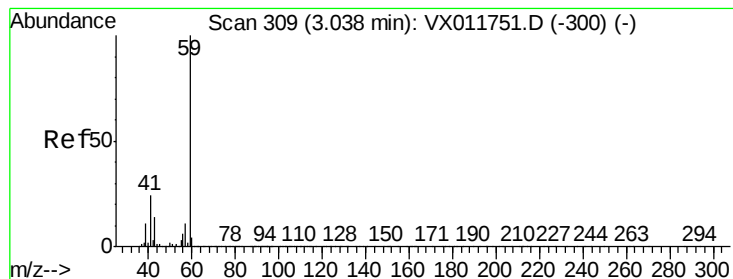


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 98.968 ug/l

RT: 3.03 min Scan# 308

Delta R.T. -0.01 min

Lab File: VX011816.D

Acq: 24 Aug 2019 14:18

Instrument :

MSVOA_X

ClientSampleId :

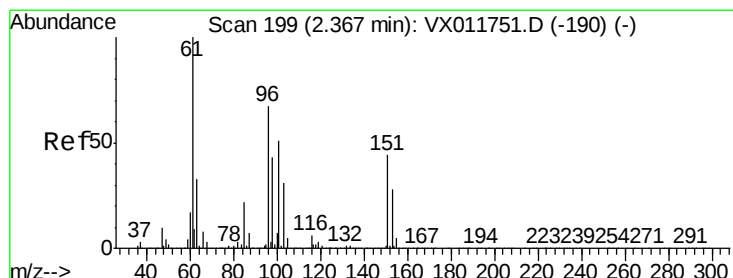
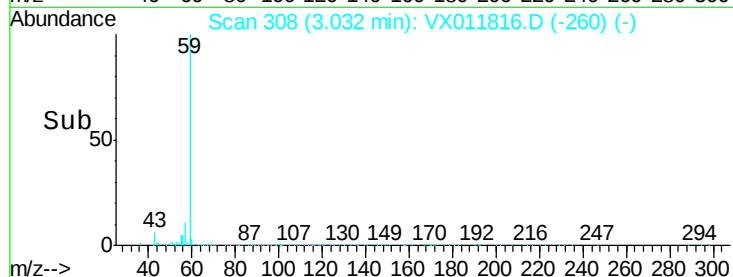
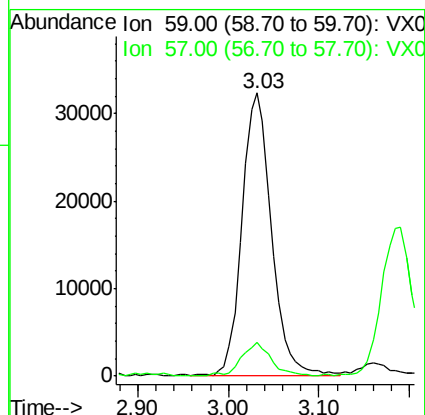
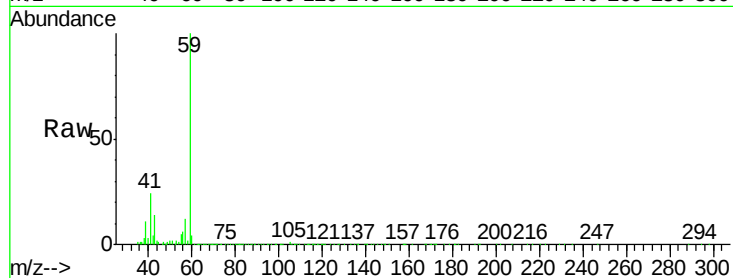
VX0824WBS01

Tot Ion: 59 Resp: 72598

Ion Ratio Lower Upper

59 100

57 11.7 8.4 12.6



#12

1,1-Dichloroethene

Concen: 20.107 ug/l

RT: 2.37 min Scan# 199

Delta R.T. -0.00 min

Lab File: VX011816.D

Acq: 24 Aug 2019 14:18

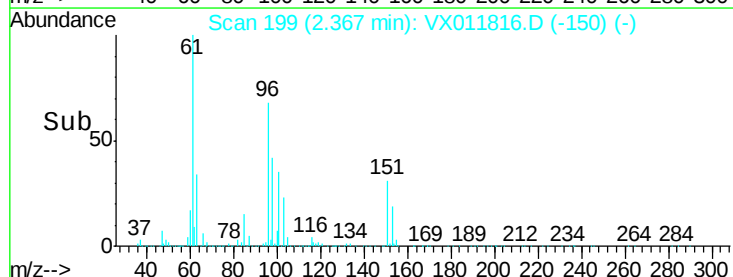
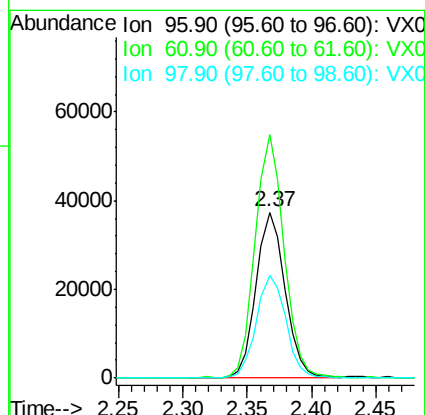
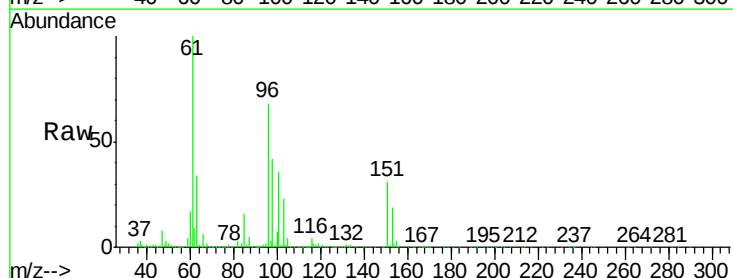
Tgt Ion: 96 Resp: 58400

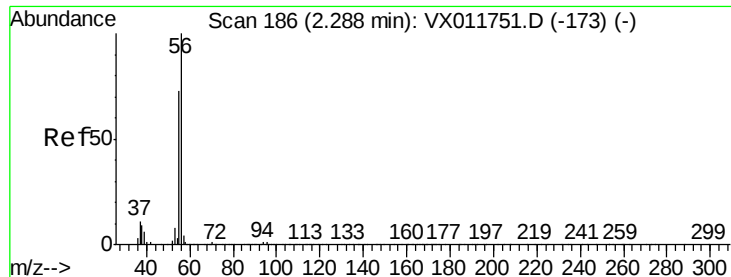
Ion Ratio Lower Upper

96 100

61 146.9 119.4 179.2

98 62.0 51.2 76.8





#13

Acrolein

Concen: 92.940 ug/l

RT: 2.29 min Scan# 186

Delta R.T. -0.00 min

Lab File: VX011816.D

Acq: 24 Aug 2019 14:18

Instrument :

MSVOA_X

ClientSampleId :

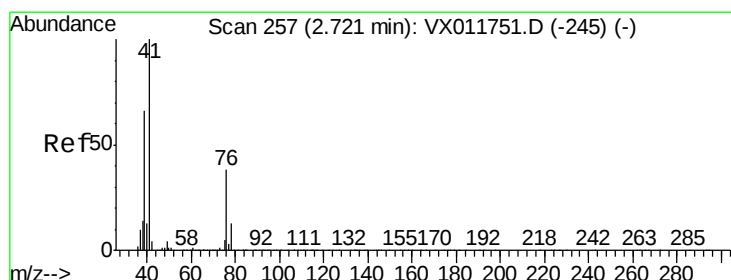
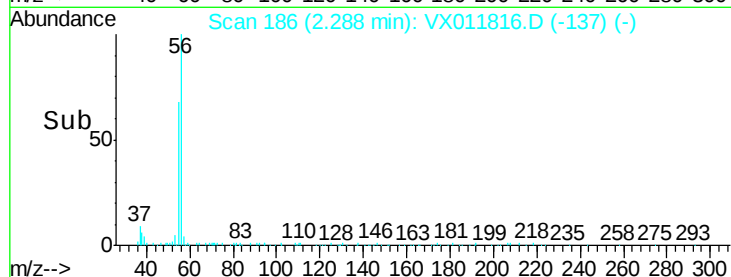
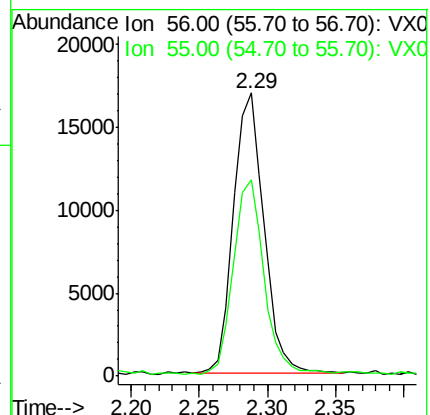
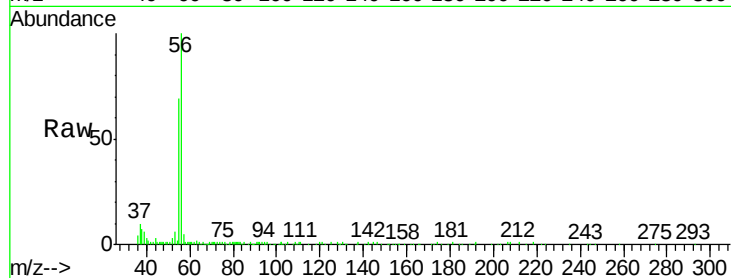
VX0824WBS01

Tot Ion: 56 Resp: 26354

Ion Ratio Lower Upper

56 100

55 69.6 54.8 82.2



#14

Allyl chloride

Concen: 18.393 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.00 min

Lab File: VX011816.D

Acq: 24 Aug 2019 14:18

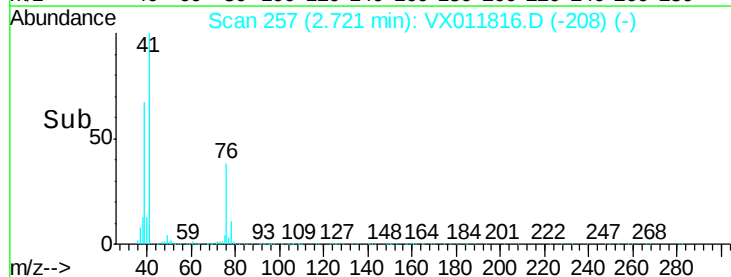
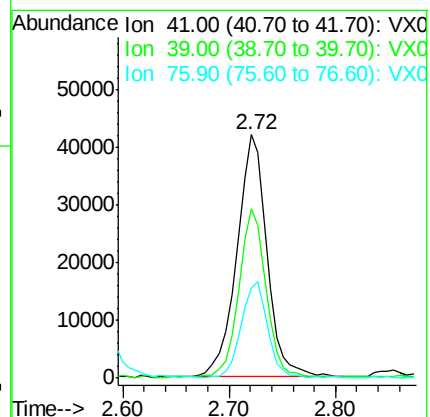
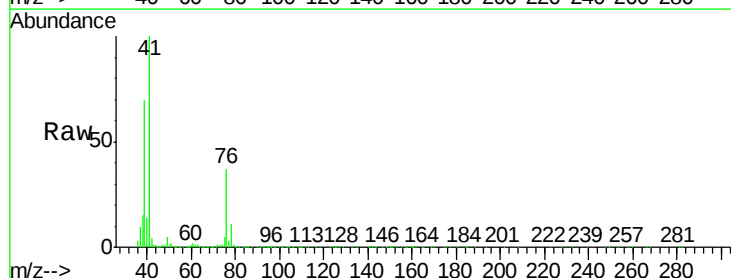
Tgt Ion: 41 Resp: 83498

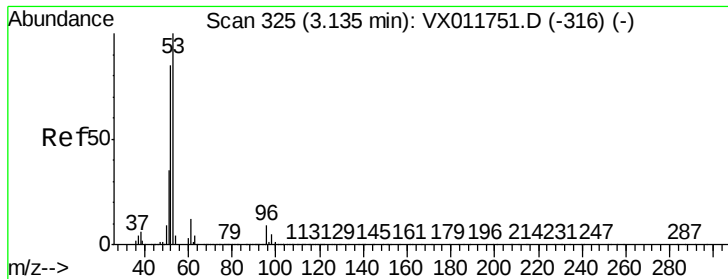
Ion Ratio Lower Upper

41 100

39 63.1 49.3 73.9

76 34.4 26.8 40.2





#15

Acrylonitrile

Concen: 103.609 ug/l

RT: 3.14 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX011816.D

Acq: 24 Aug 2019 14:18

Instrument :

MSVOA_X

ClientSampled :

VX0824WBS01

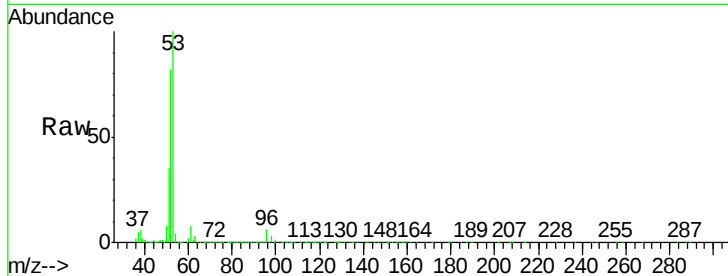
Tot Ion: 53 Resp: 173839

Ion Ratio Lower Upper

53 100

52 81.3 65.7 98.5

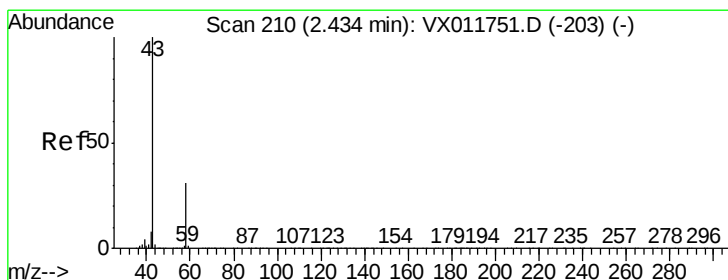
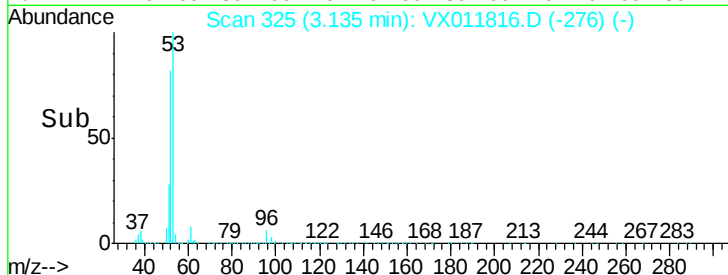
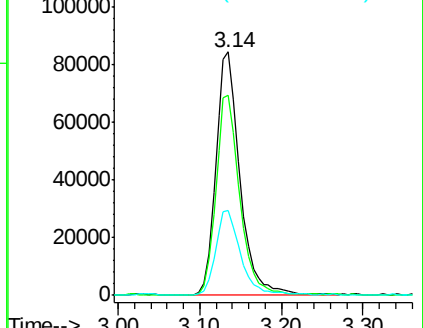
51 36.1 28.6 43.0



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: 94.483 ug/l

RT: 2.43 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX011816.D

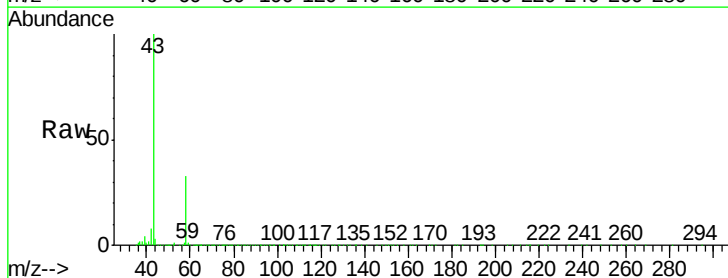
Acq: 24 Aug 2019 14:18

Tgt Ion: 43 Resp: 152575

Ion Ratio Lower Upper

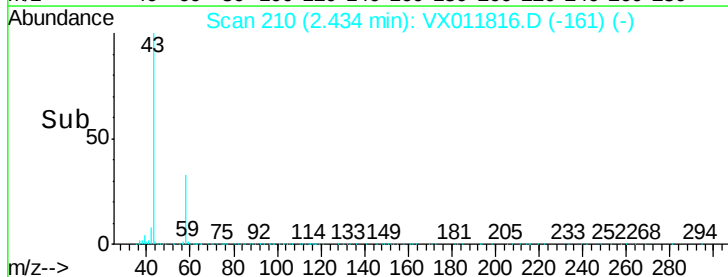
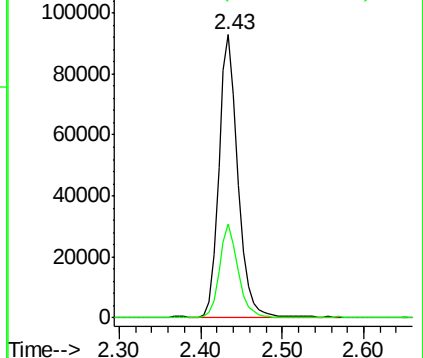
43 100

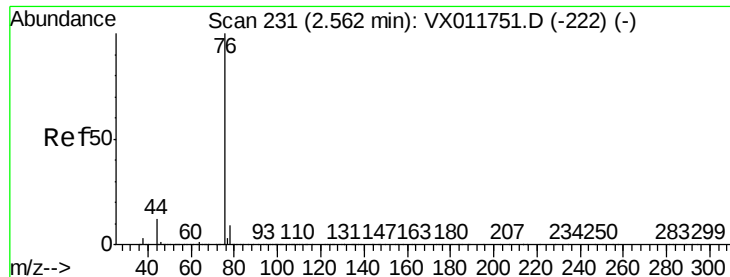
58 33.4 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 18.258 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.00 min

Lab File: VX011816.D

Acq: 24 Aug 2019 14:18

Instrument :

MSVOA_X

ClientSampleId :

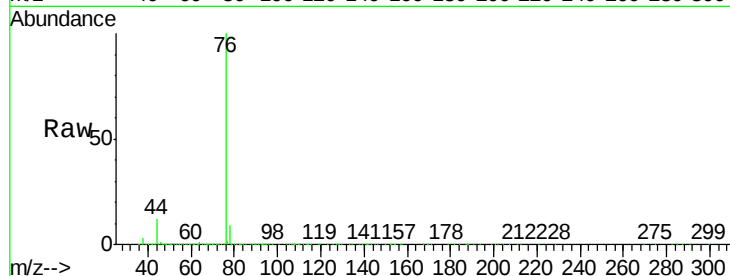
VX0824WBS01

Tot Ion: 76 Resp: 134083

Ion Ratio Lower Upper

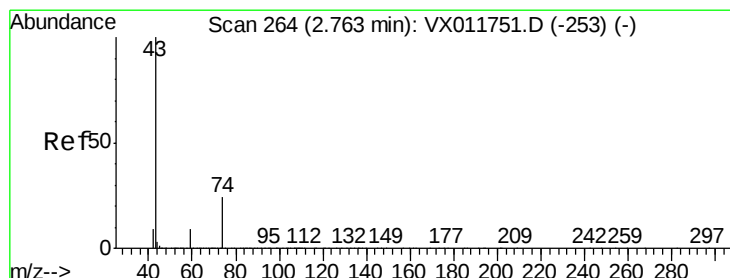
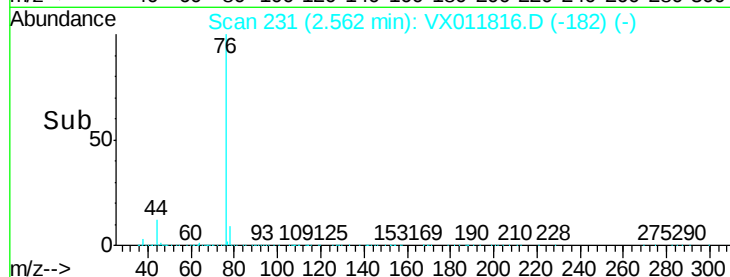
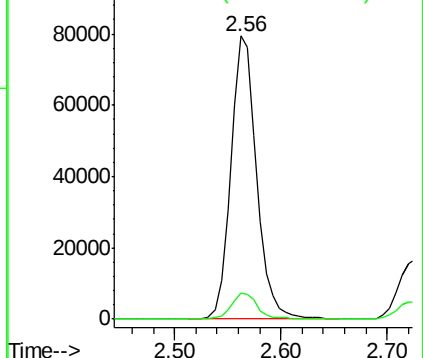
76 100

78 9.0 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 22.106 ug/l

RT: 2.76 min Scan# 264

Delta R.T. -0.00 min

Lab File: VX011816.D

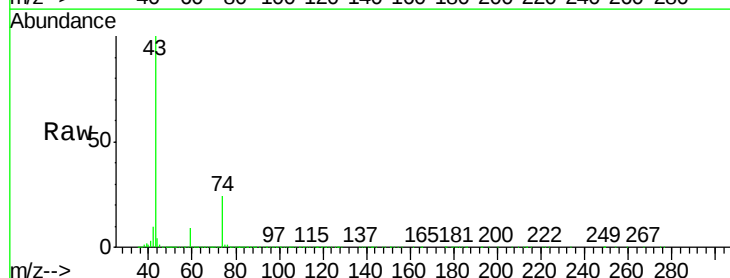
Acq: 24 Aug 2019 14:18

Tgt Ion: 43 Resp: 96866

Ion Ratio Lower Upper

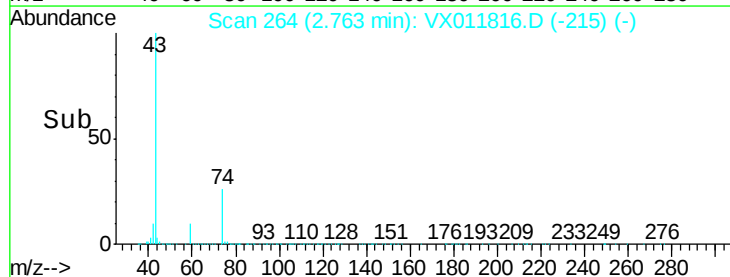
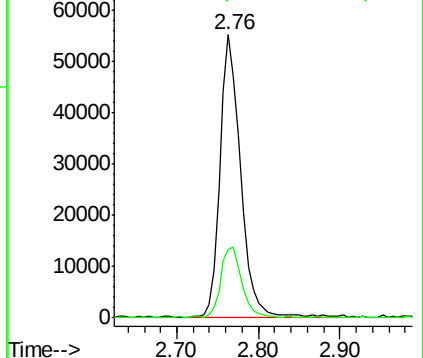
43 100

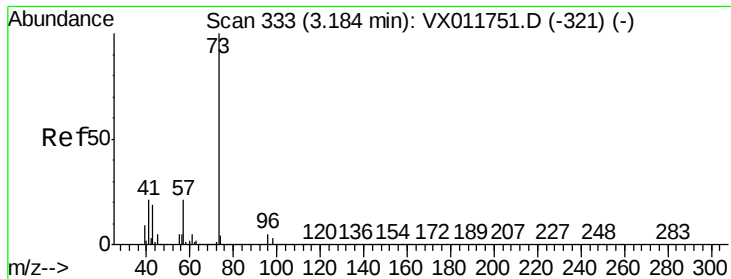
74 26.0 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



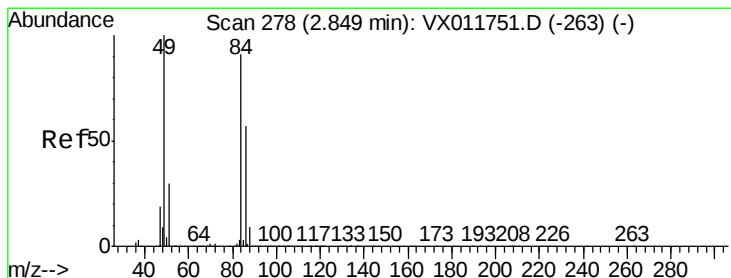
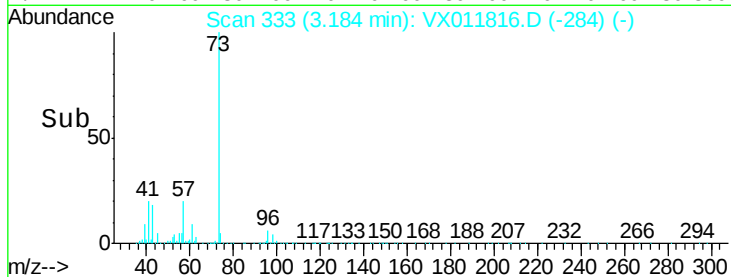
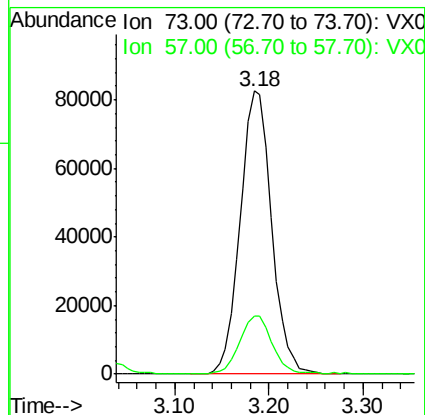
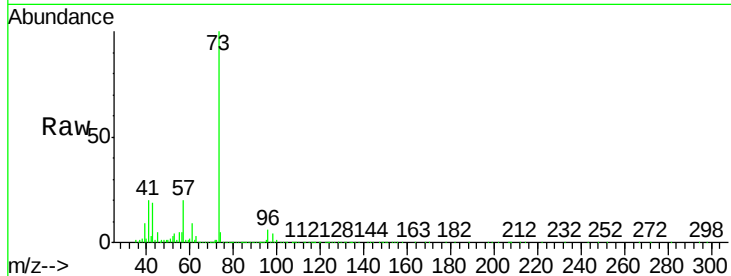


#19

Methyl tert-butyl Ether
 Concen: 20.679 ug/l
 RT: 3.18 min Scan# 333
 Delta R.T. -0.00 min
 Lab File: VX011816.D
 Acq: 24 Aug 2019 14:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0824WBS01

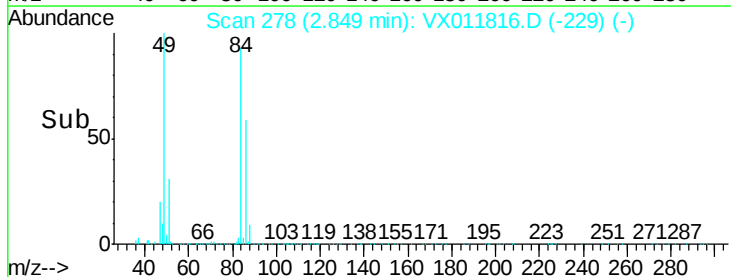
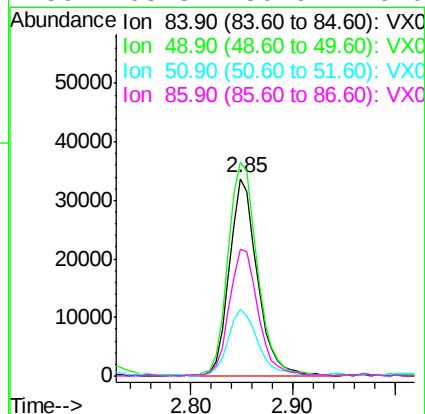
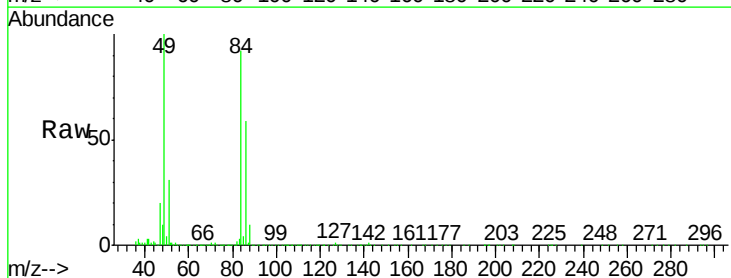
Tot Ion: 73 Resp: 192662
 Ion Ratio Lower Upper
 73 100
 57 20.3 16.4 24.6

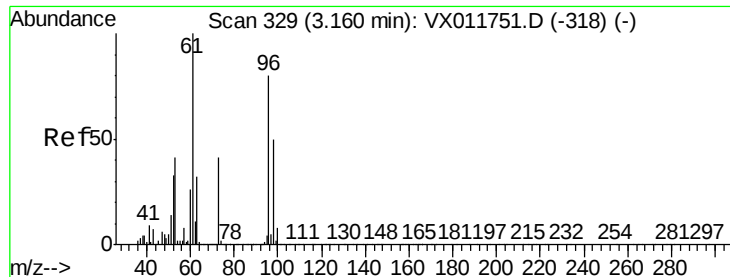


#20

Methylene Chloride
 Concen: 19.244 ug/l
 RT: 2.85 min Scan# 278
 Delta R.T. -0.00 min
 Lab File: VX011816.D
 Acq: 24 Aug 2019 14:18

Tgt Ion: 84 Resp: 63532
 Ion Ratio Lower Upper
 84 100
 49 108.4 88.3 132.5
 51 33.3 26.2 39.2
 86 63.5 50.6 76.0





#21

trans-1,2-Dichloroethene

Concen: 19.814 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX011816.D

Acq: 24 Aug 2019 14:18

Instrument :

MSVOA_X

ClientSampleId :

VX0824WBS01

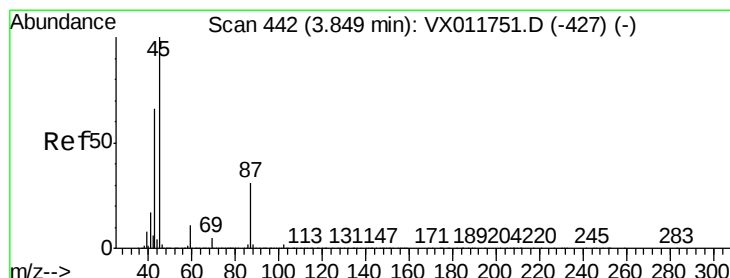
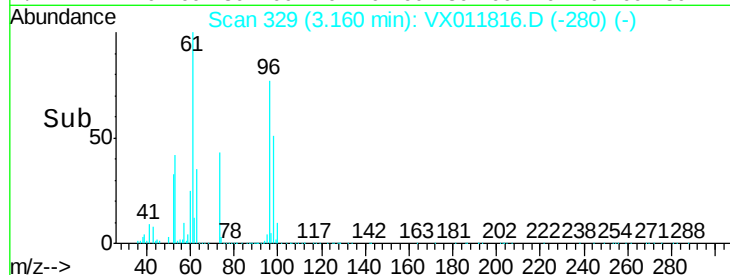
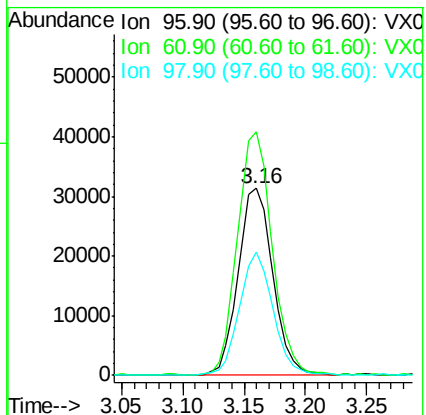
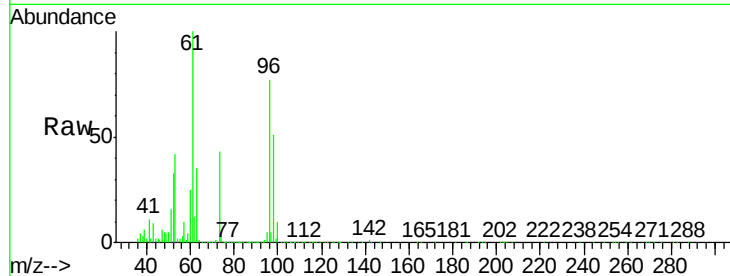
Tot Ion: 96 Resp: 62073

Ion Ratio Lower Upper

96 100

61 129.7 99.8 149.8

98 65.9 50.3 75.5



#22

Diisopropyl ether

Concen: 21.207 ug/l

RT: 3.85 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX011816.D

Acq: 24 Aug 2019 14:18

Tgt Ion: 45 Resp: 186690

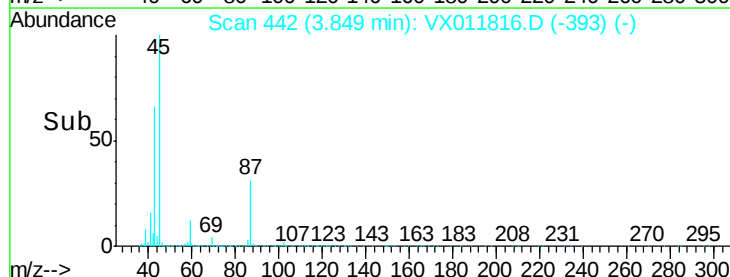
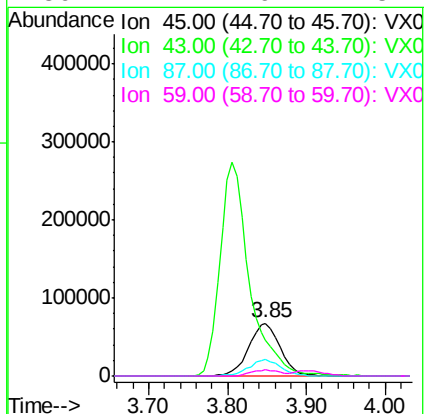
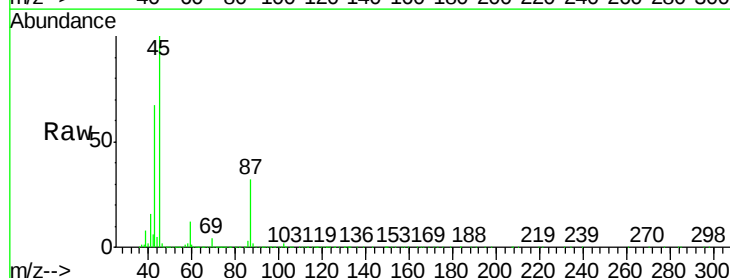
Ion Ratio Lower Upper

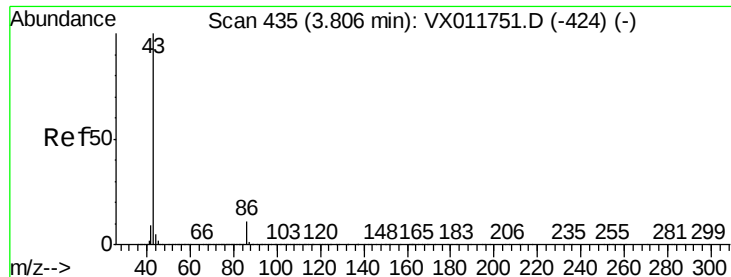
45 100

43 66.3 53.0 79.6

87 31.5 24.7 37.1

59 11.4 9.1 13.7

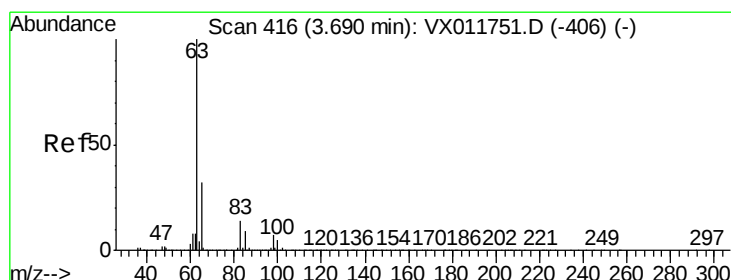
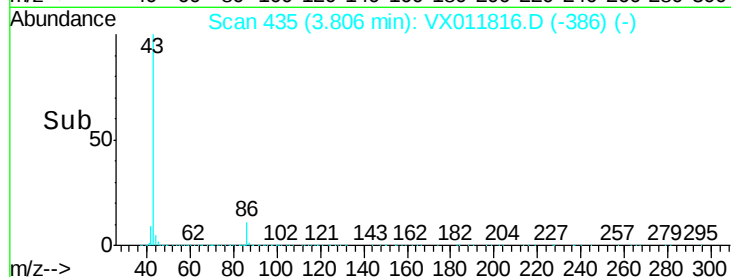
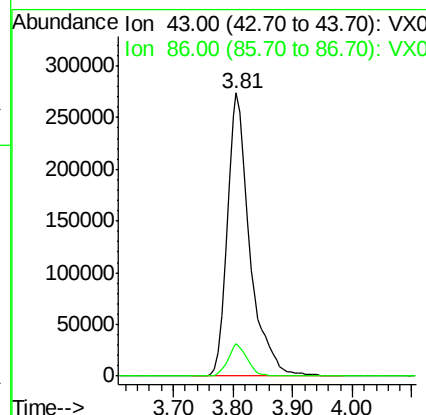
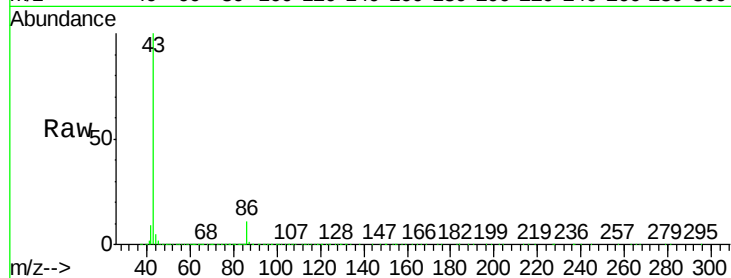




#23
 Vinyl Acetate
 Concen: 98.236 ug/l
 RT: 3.81 min Scan# 435
 Delta R.T. -0.00 min
 Lab File: VX011816.D
 Acq: 24 Aug 2019 14:18

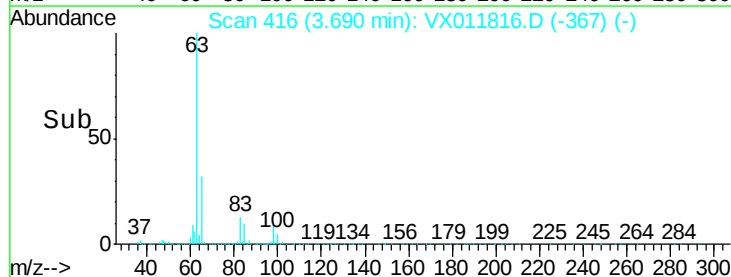
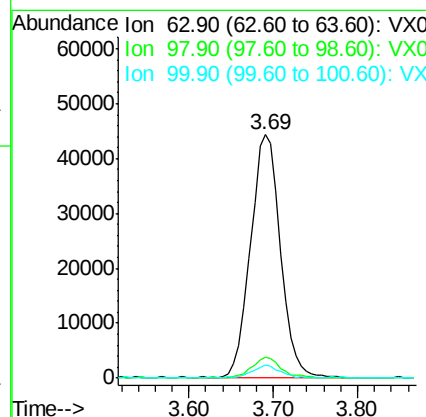
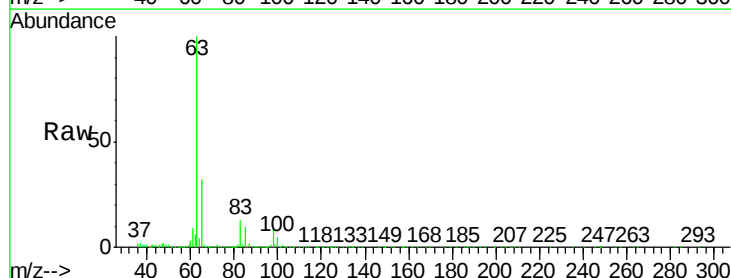
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0824WBS01

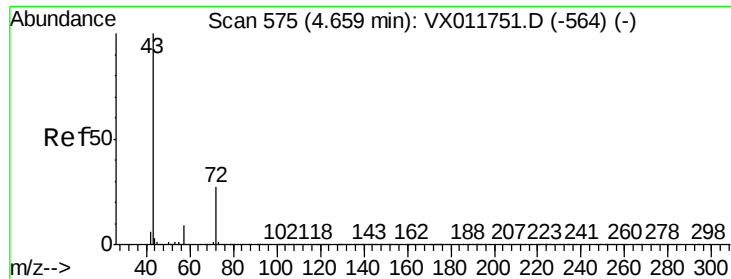
Tot Ion: 43 Resp: 716001
 Ion Ratio Lower Upper
 43 100
 86 11.3 9.2 13.8



#24
 1,1-Dichloroethane
 Concen: 20.715 ug/l
 RT: 3.69 min Scan# 416
 Delta R.T. -0.00 min
 Lab File: VX011816.D
 Acq: 24 Aug 2019 14:18

Tgt Ion: 63 Resp: 107669
 Ion Ratio Lower Upper
 63 100
 98 8.3 3.7 11.1
 100 5.0 2.3 6.9





#25

2-Butanone

Concen: 101.900 ug/l

RT: 4.66 min Scan# 575

Delta R.T. -0.00 min

Lab File: VX011816.D

Acq: 24 Aug 2019 14:18

Instrument :

MSVOA_X

ClientSampleId :

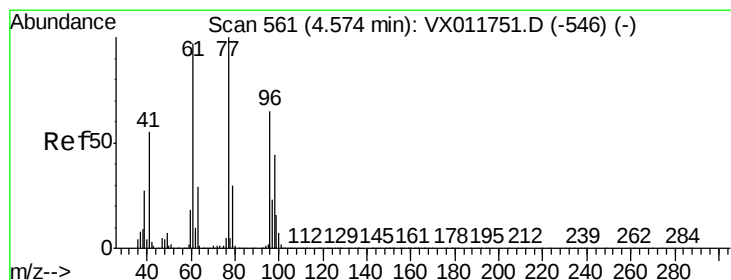
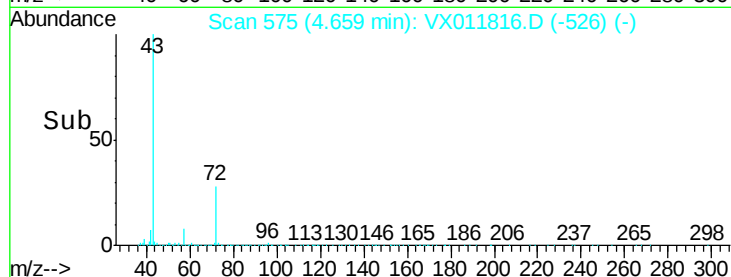
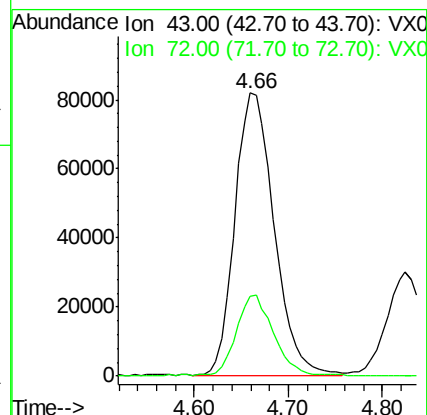
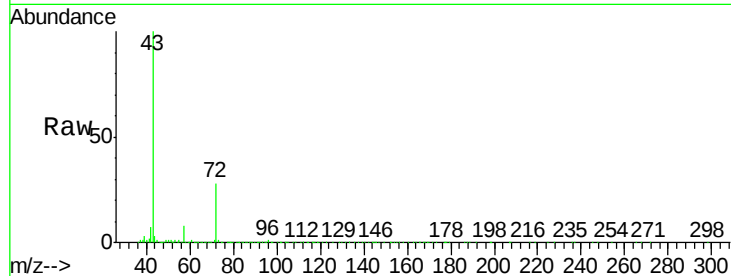
VX0824WBS01

Tot Ion: 43 Resp: 236191

Ion Ratio Lower Upper

43 100

72 27.8 21.8 32.6



#26

2,2-Dichloropropane

Concen: 9.335 ug/l

RT: 4.57 min Scan# 561

Delta R.T. -0.00 min

Lab File: VX011816.D

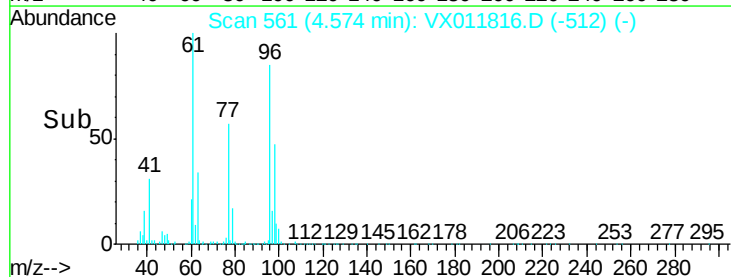
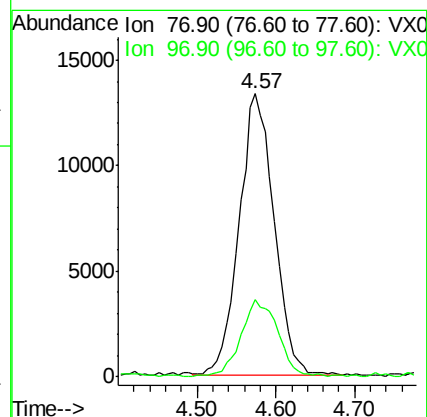
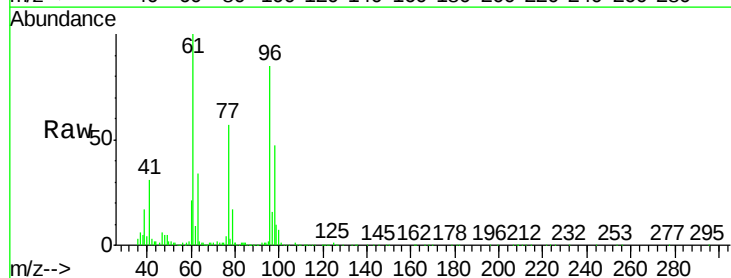
Acq: 24 Aug 2019 14:18

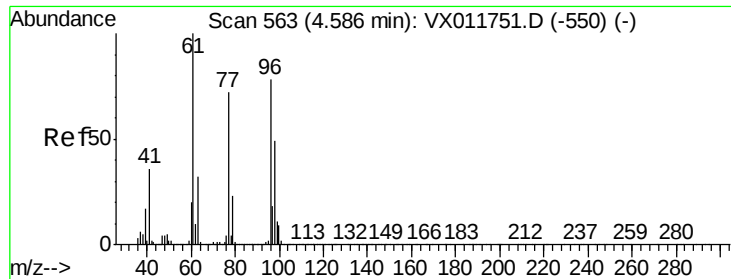
Tgt Ion: 77 Resp: 41205

Ion Ratio Lower Upper

77 100

97 29.1 12.2 36.6



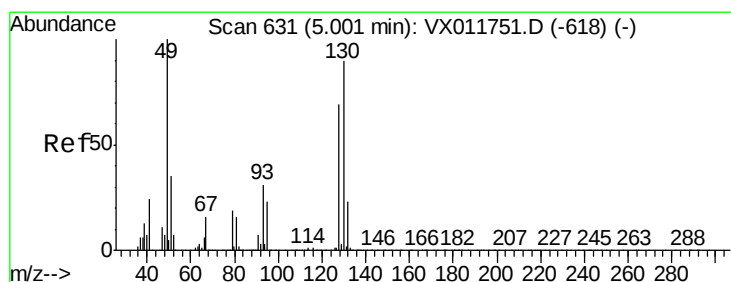
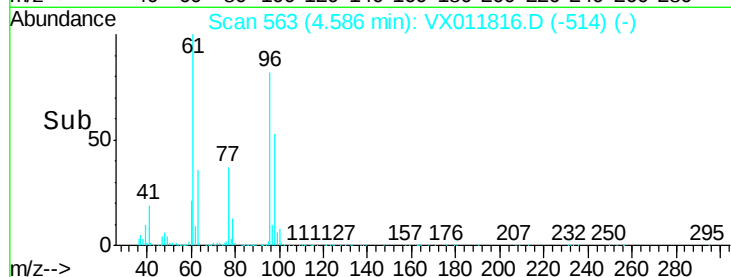
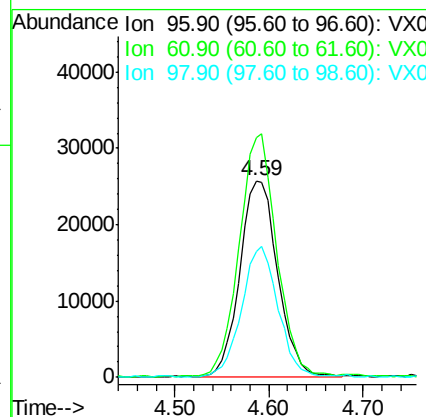
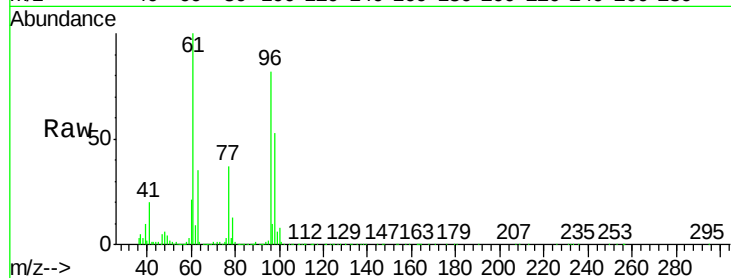


#27

cis-1,2-Dichloroethene
Concen: 20.090 ug/l
RT: 4.59 min Scan# 563
Delta R.T. -0.00 min
Lab File: VX011816.D
Acq: 24 Aug 2019 14:18

Instrument :
MSVOA_X
ClientSampleId :
VX0824WBS01

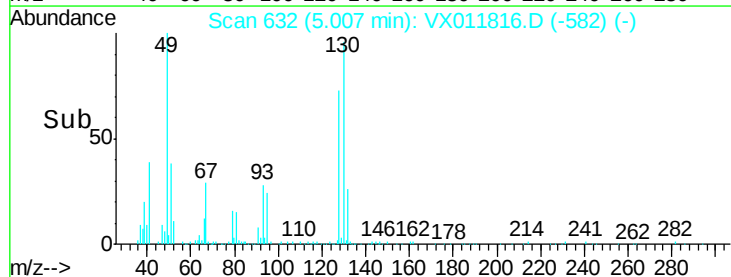
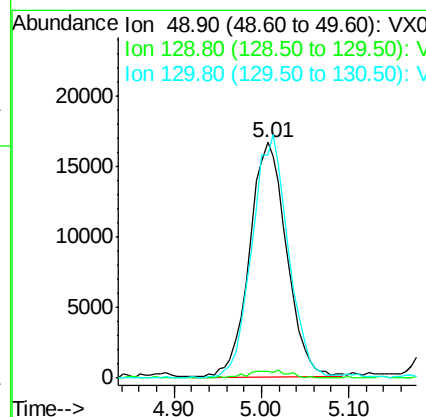
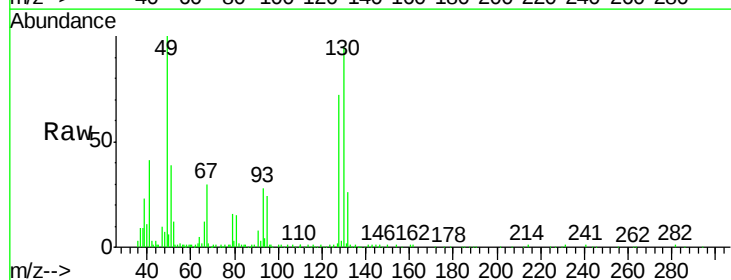
Tot Ion: 96 Resp: 72176
Ion Ratio Lower Upper
96 100
61 121.4 0.0 275.8
98 65.0 0.0 128.2

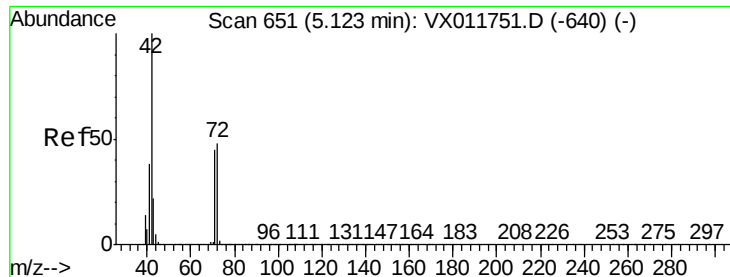


#28

Bromochloromethane
Concen: 20.845 ug/l
RT: 5.01 min Scan# 632
Delta R.T. 0.01 min
Lab File: VX011816.D
Acq: 24 Aug 2019 14:18

Tgt Ion: 49 Resp: 49180
Ion Ratio Lower Upper
49 100
129 2.2 0.0 5.8
130 101.5 76.8 115.2





#29

Tetrahydrofuran

Concen: 105.294 ug/l

RT: 5.12 min Scan# 651

Delta R.T. -0.00 min

Lab File: VX011816.D

Acq: 24 Aug 2019 14:18

Instrument :

MSVOA_X

ClientSampleId :

VX0824WBS01

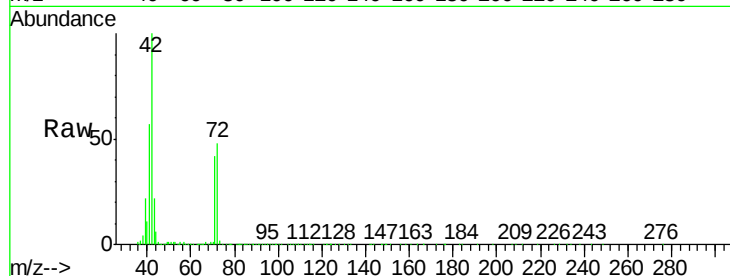
Tot Ion: 42 Resp: 156447

Ion Ratio Lower Upper

42 100

72 46.4 37.6 56.4

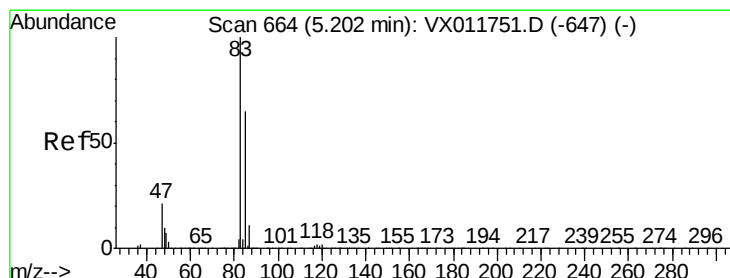
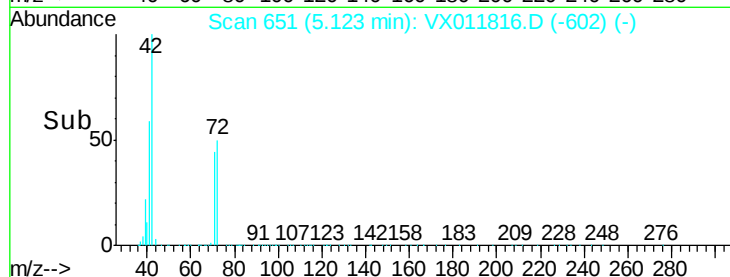
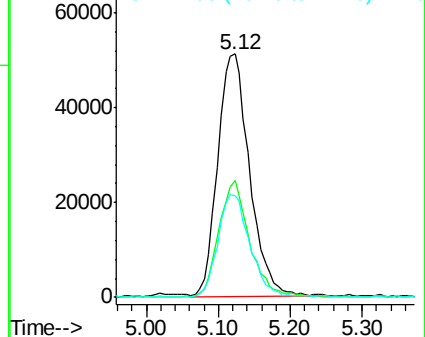
71 42.8 34.6 51.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 20.083 ug/l

RT: 5.21 min Scan# 665

Delta R.T. 0.01 min

Lab File: VX011816.D

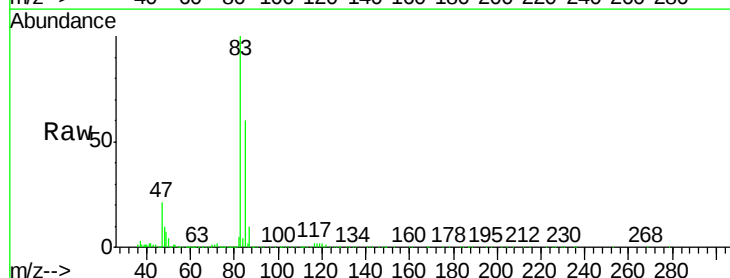
Acq: 24 Aug 2019 14:18

Tgt Ion: 83 Resp: 113247

Ion Ratio Lower Upper

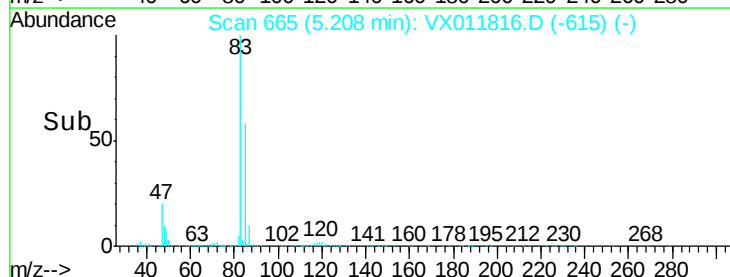
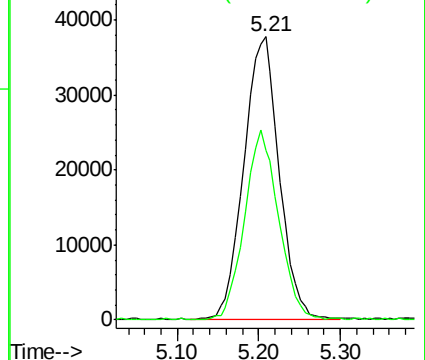
83 100

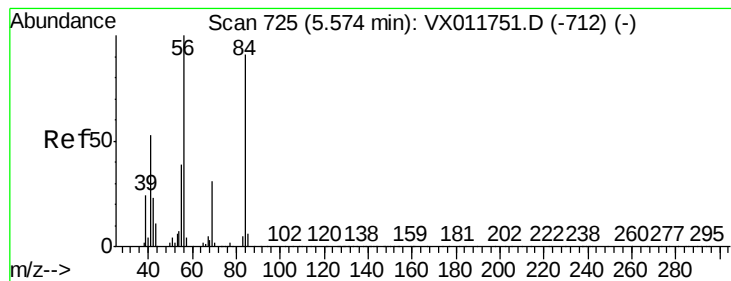
85 60.2 51.8 77.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 19.825 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX011816.D

Acq: 24 Aug 2019 14:18

Instrument :

MSVOA_X

ClientSampleId :

VX0824WBS01

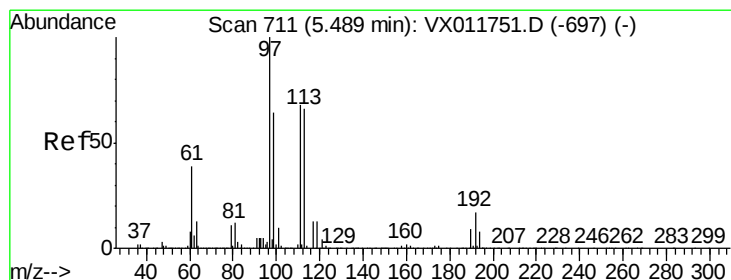
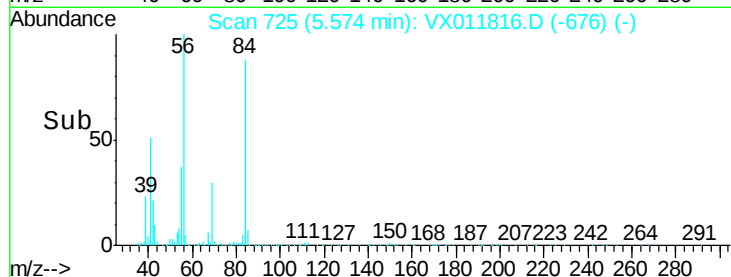
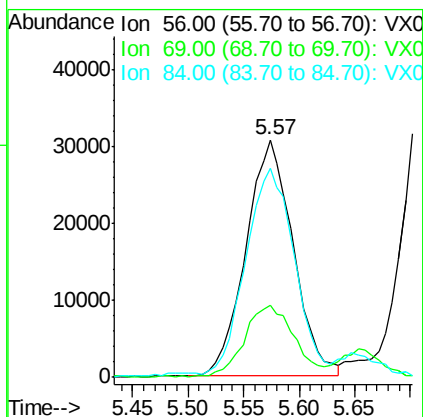
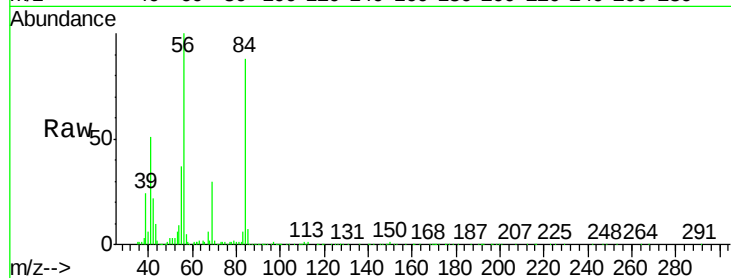
Tot Ion: 56 Resp: 90495

Ion Ratio Lower Upper

56 100

69 29.9 24.5 36.7

84 86.5 72.7 109.1



#32

1,1,1-Trichloroethane

Concen: 20.273 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.00 min

Lab File: VX011816.D

Acq: 24 Aug 2019 14:18

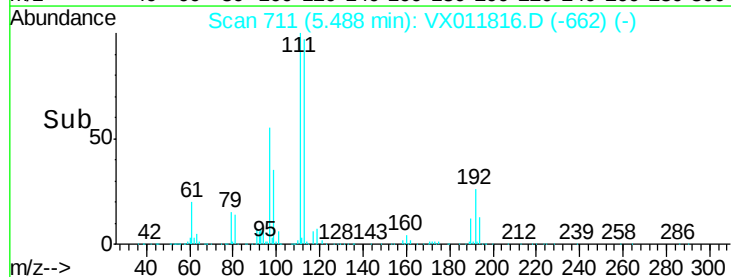
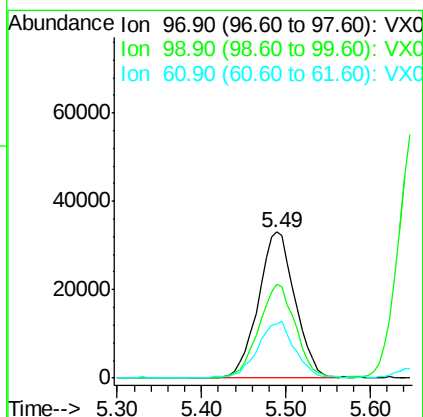
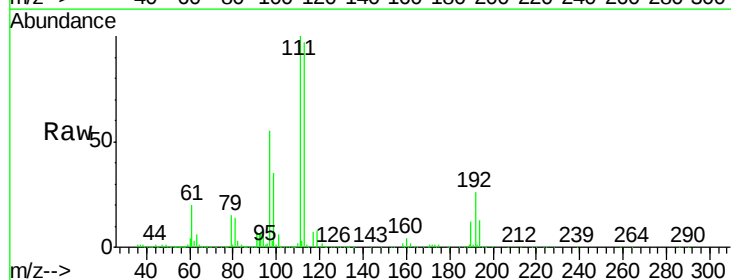
Tgt Ion: 97 Resp: 99374

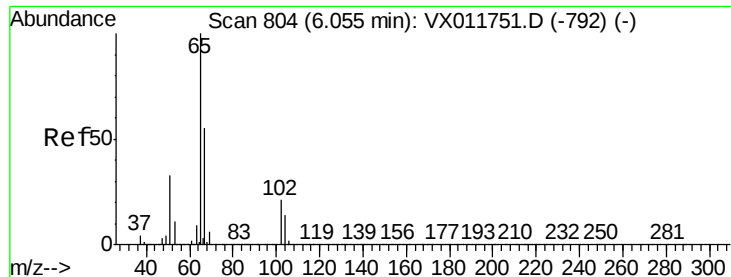
Ion Ratio Lower Upper

97 100

99 64.2 51.4 77.0

61 38.1 31.6 47.4





#33

1,2-Dichloroethane-d4

Concen: 50.526 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.00 min

Lab File: VX011816.D

Acq: 24 Aug 2019 14:18

Instrument :

MSVOA_X

ClientSampleId :

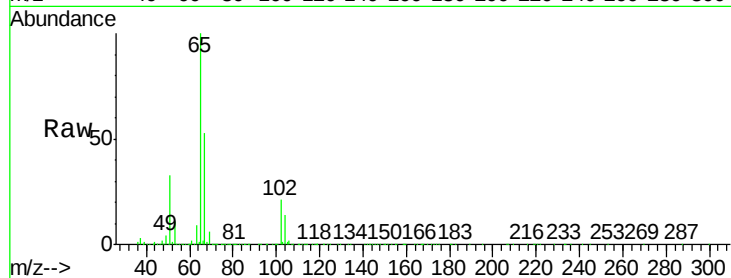
VX0824WBS01

Tot Ion: 65 Resp: 187565

Ion Ratio Lower Upper

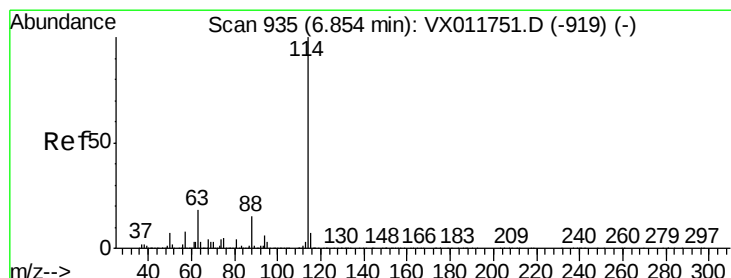
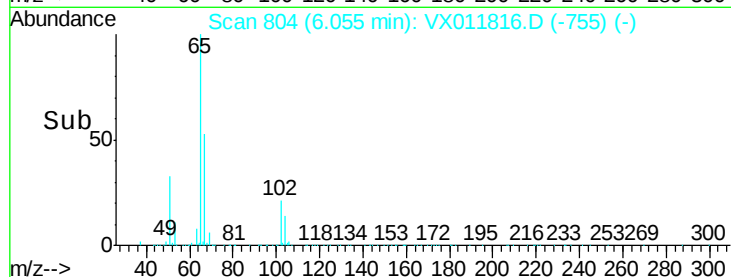
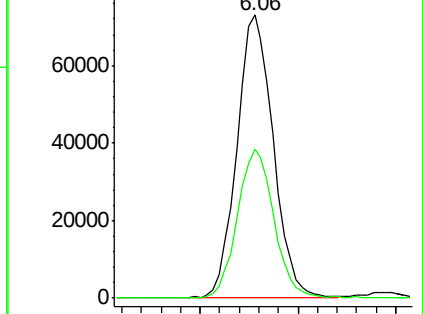
65 100

67 52.8 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.00 min

Lab File: VX011816.D

Acq: 24 Aug 2019 14:18

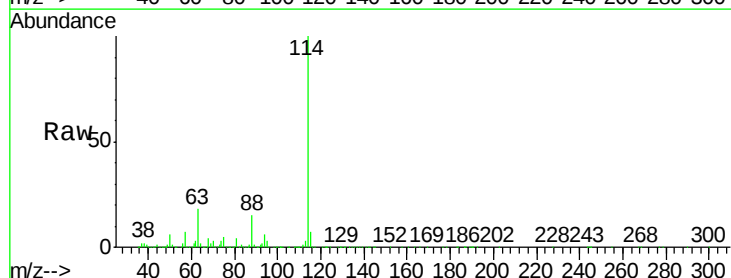
Tgt Ion: 114 Resp: 527522

Ion Ratio Lower Upper

114 100

63 17.9 0.0 36.8

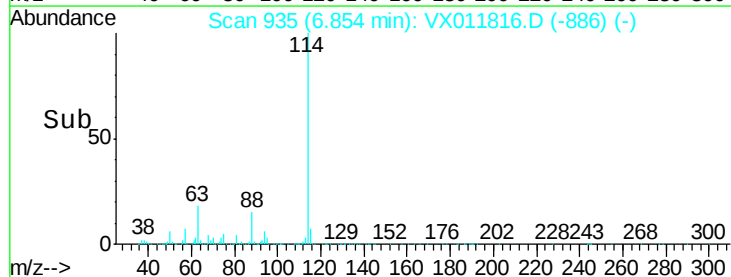
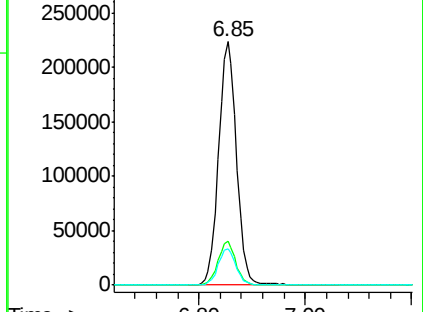
88 14.7 0.0 30.2

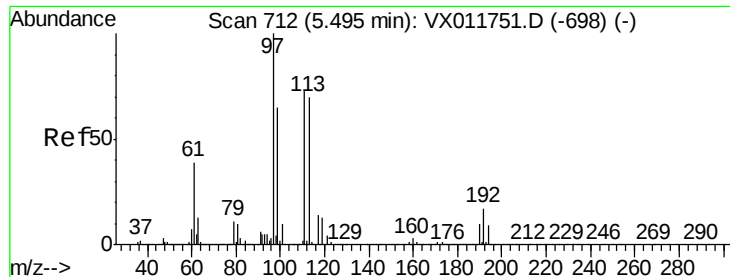


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.979 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX011816.D

Acq: 24 Aug 2019 14:18

Instrument :

MSVOA_X

ClientSampleId :

VX0824WBS01

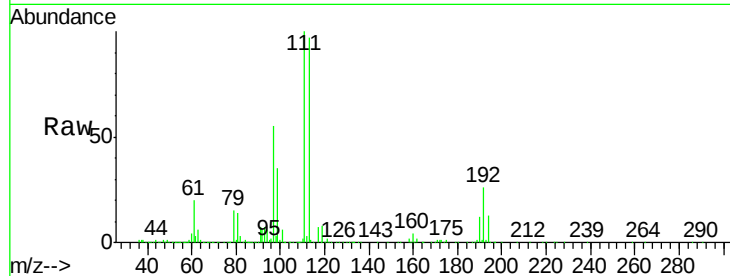
Tot Ion:113 Resp: 167076

Ion Ratio Lower Upper

113 100

111 101.8 81.0 121.4

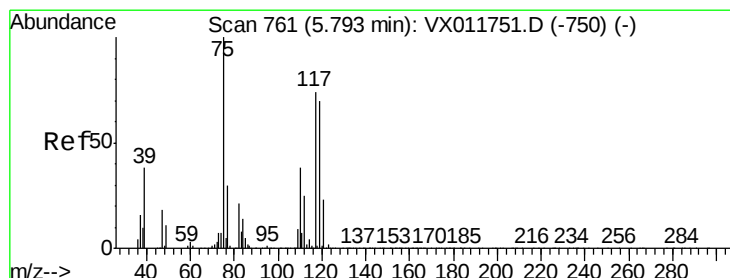
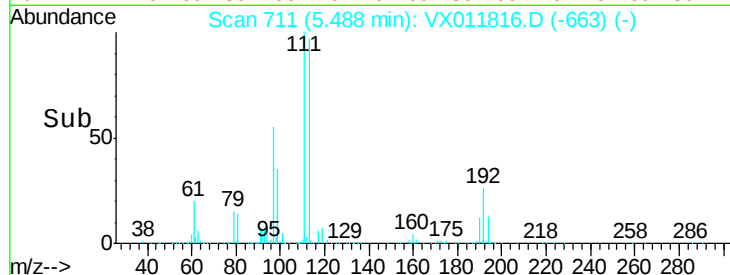
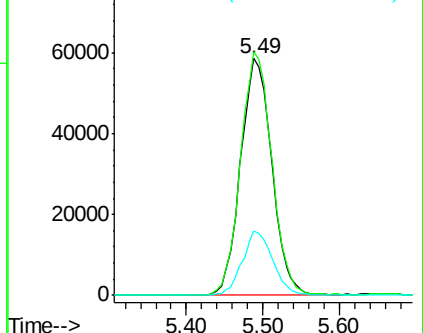
192 26.4 19.9 29.9



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.076 ug/l

RT: 5.79 min Scan# 761

Delta R.T. -0.00 min

Lab File: VX011816.D

Acq: 24 Aug 2019 14:18

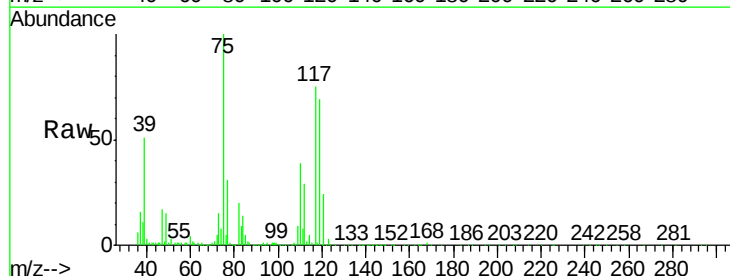
Tgt Ion: 75 Resp: 78911

Ion Ratio Lower Upper

75 100

110 39.2 19.0 57.0

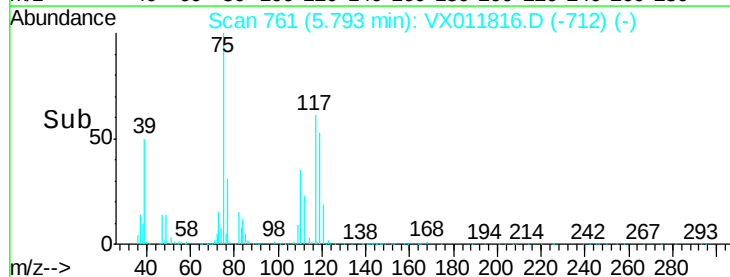
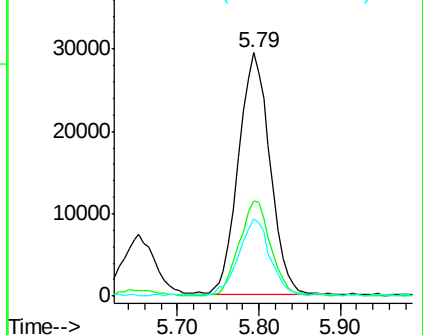
77 30.9 24.6 36.8

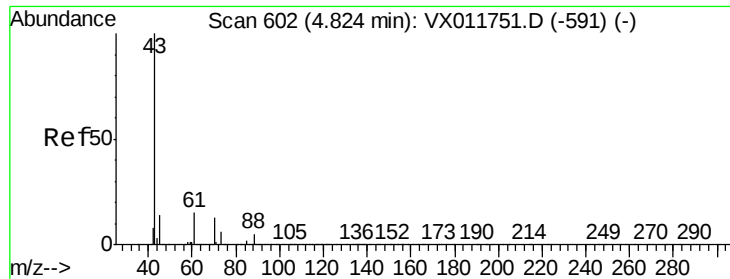


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

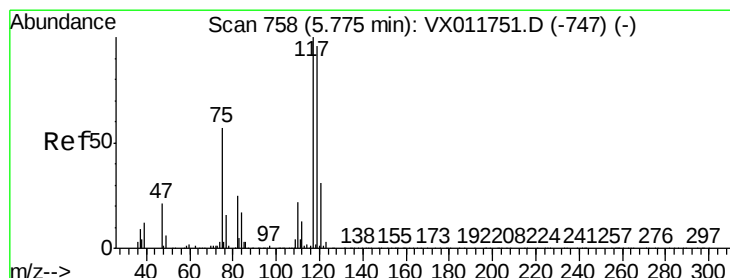
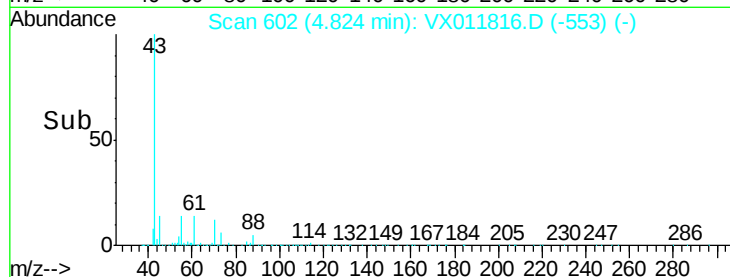
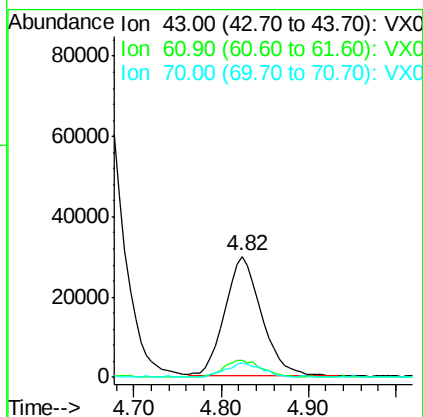
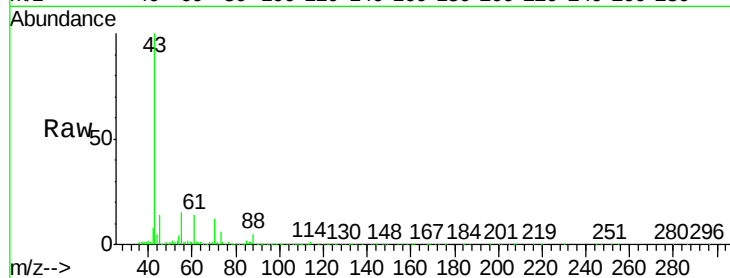




#37
Ethyl Acetate
Concen: 19.811 ug/l
RT: 4.82 min Scan# 602
Delta R.T. -0.00 min
Lab File: VX011816.D
Acq: 24 Aug 2019 14:18

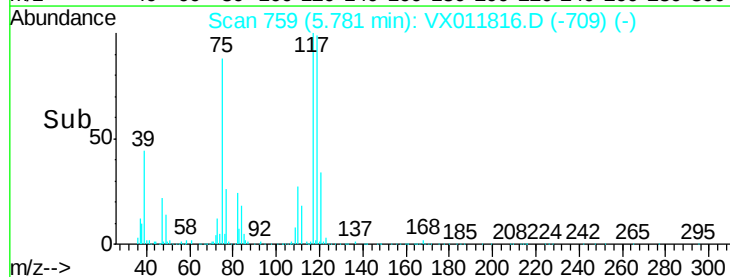
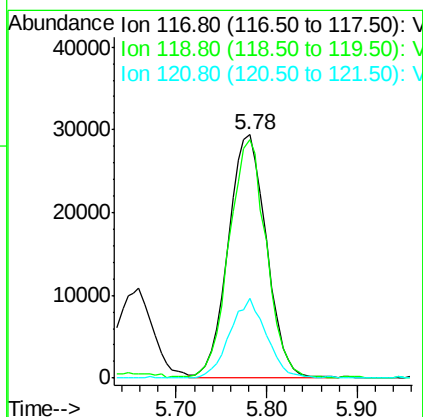
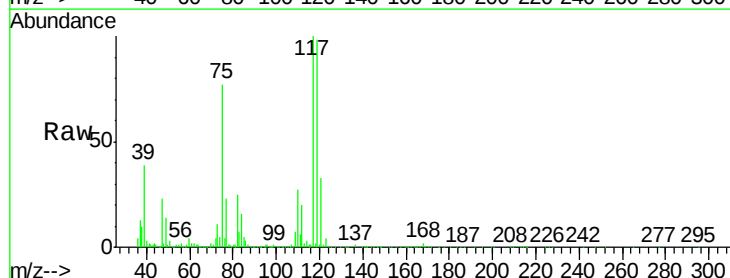
Instrument :
MSVOA_X
ClientSampleId :
VX0824WBS01

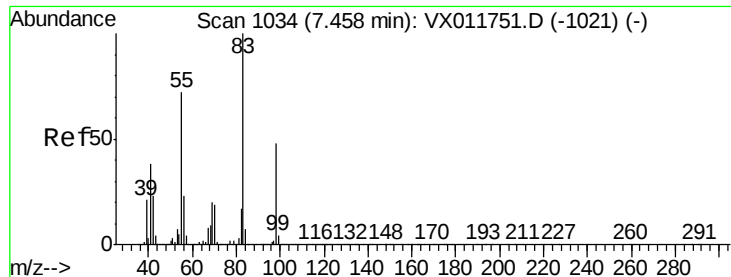
Tot Ion: 43 Resp: 86725
Ion Ratio Lower Upper
43 100
61 14.7 11.5 17.3
70 11.6 9.5 14.3



#38
Carbon Tetrachloride
Concen: 18.184 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.01 min
Lab File: VX011816.D
Acq: 24 Aug 2019 14:18

Tgt Ion: 117 Resp: 85249
Ion Ratio Lower Upper
117 100
119 98.0 76.6 114.8
121 33.0 25.2 37.8

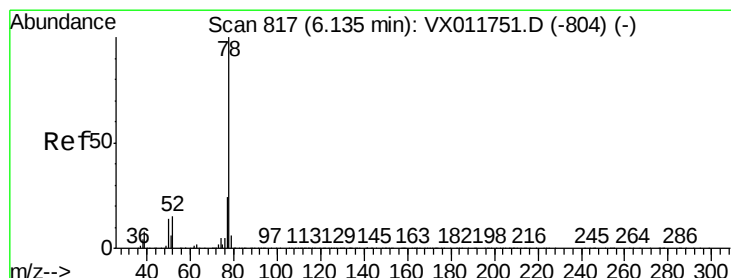
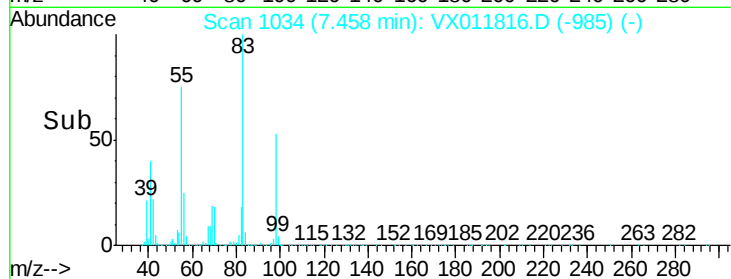
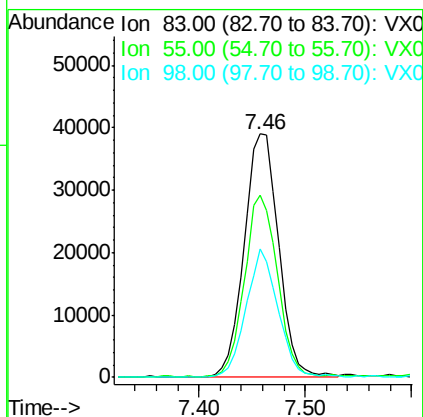
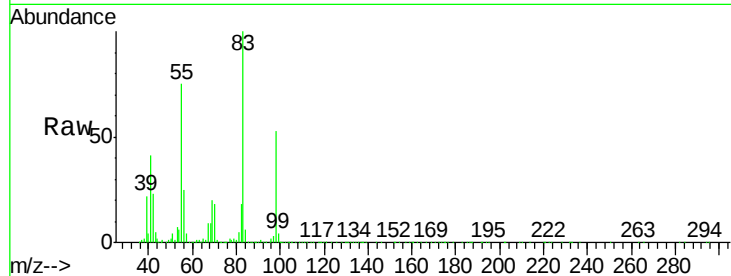




#39
Methvlcvclohexane
Concen: 17.401 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX011816.D
Acq: 24 Aug 2019 14:18

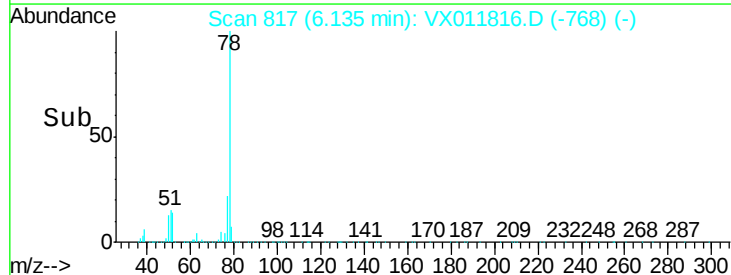
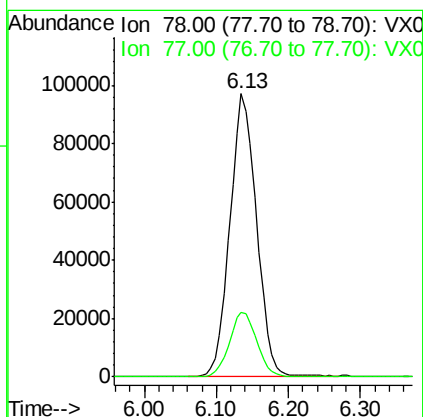
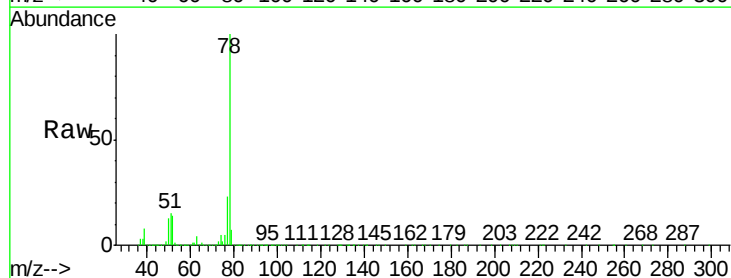
Instrument :
MSVOA_X
ClientSampleId :
VX0824WBS01

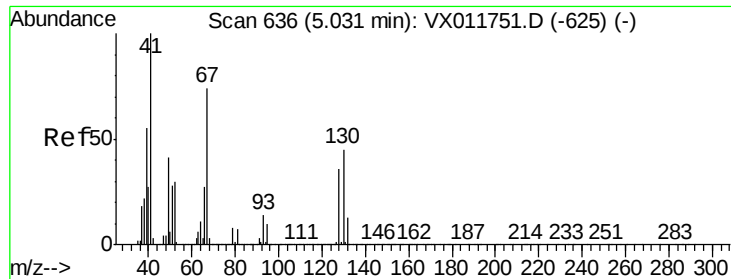
Tot Ion	83	Resp	89203
Ion Ratio	Lower	Upper	
83	100		
55	74.5	57.8	86.6
98	52.5	38.6	58.0



#40
Benzene
Concen: 19.585 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.00 min
Lab File: VX011816.D
Acq: 24 Aug 2019 14:18

Tgt Ion	78	Resp	250623
Ion Ratio	Lower	Upper	
78	100		
77	22.8	19.1	28.7

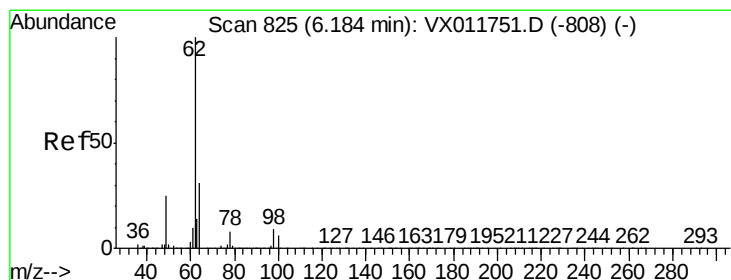
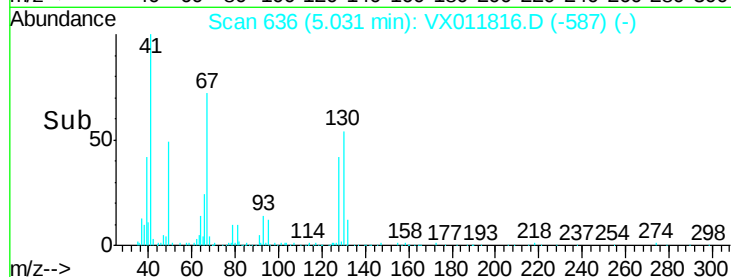
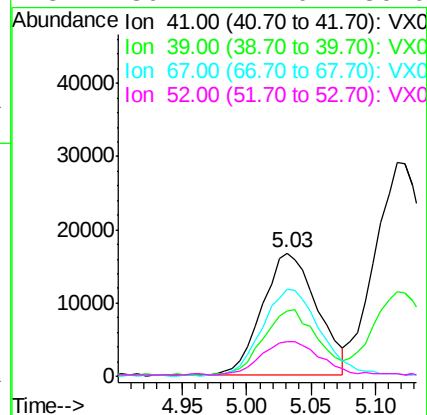
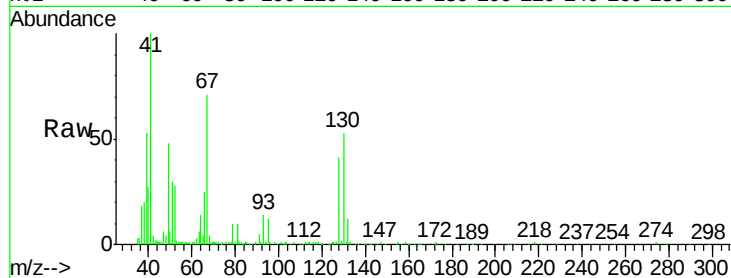




#41
Methacrylonitrile
Concen: 19.342 ug/l
RT: 5.03 min Scan# 636
Delta R.T. -0.00 min
Lab File: VX011816.D
Acq: 24 Aug 2019 14:18

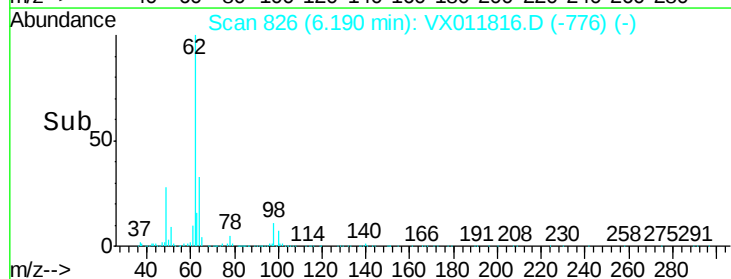
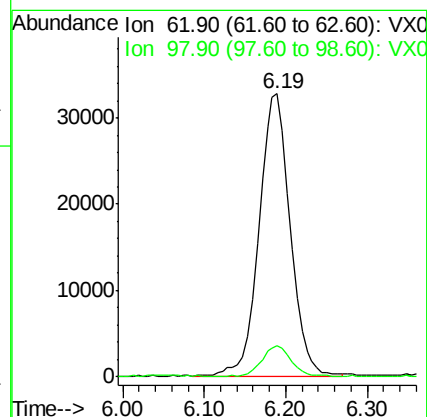
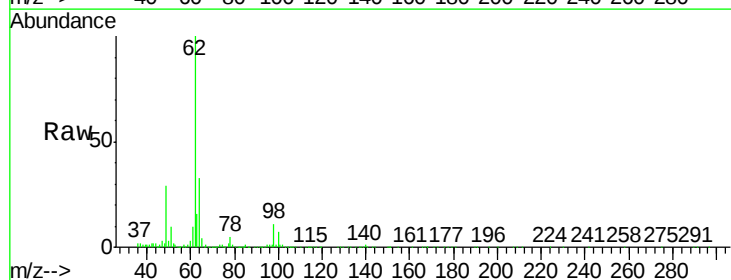
Instrument :
MSVOA_X
ClientSampled :
VX0824WBS01

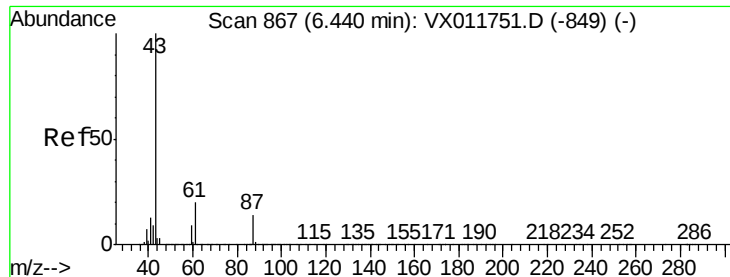
Tot Ion:	41	Resp:	49245
Ion	Ratio	Lower	Upper
41	100		
39	52.5	44.3	66.5
67	76.9	60.3	90.5
52	30.1	24.0	36.0



#42
1,2-Dichloroethane
Concen: 18.606 ug/l
RT: 6.19 min Scan# 826
Delta R.T. 0.01 min
Lab File: VX011816.D
Acq: 24 Aug 2019 14:18

Tgt Ion:	62	Resp:	87038
Ion	Ratio	Lower	Upper
62	100		
98	10.9	0.0	18.8



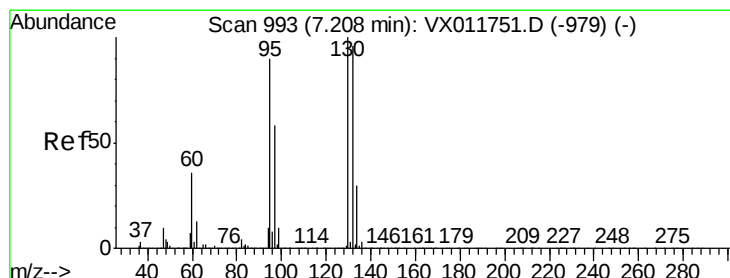
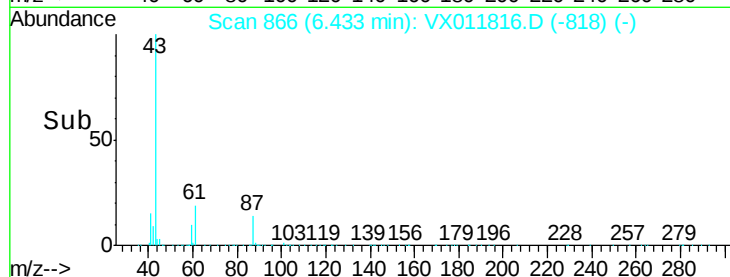
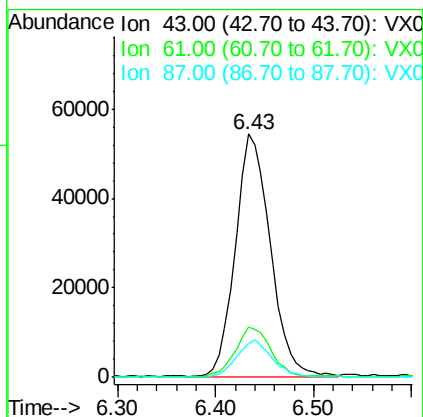
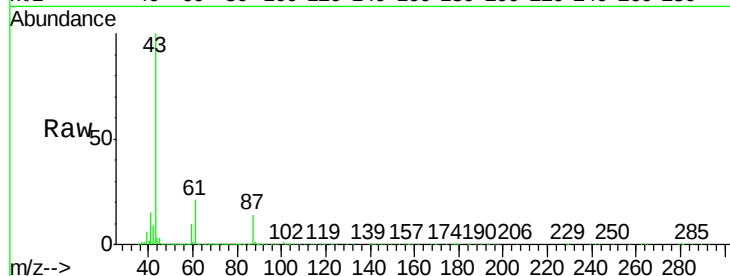


#43

Isopropyl Acetate
 Concen: 18.899 ug/l
 RT: 6.43 min Scan# 866
 Delta R.T. -0.01 min
 Lab File: VX011816.D
 Acq: 24 Aug 2019 14:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0824WBS01

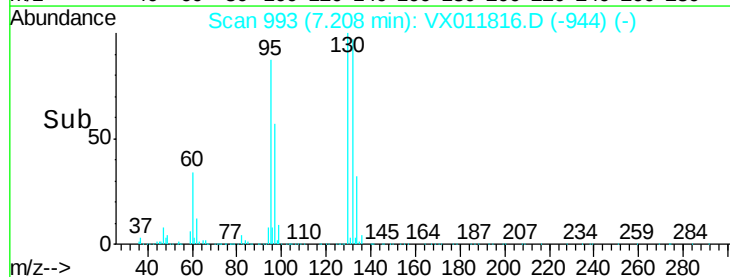
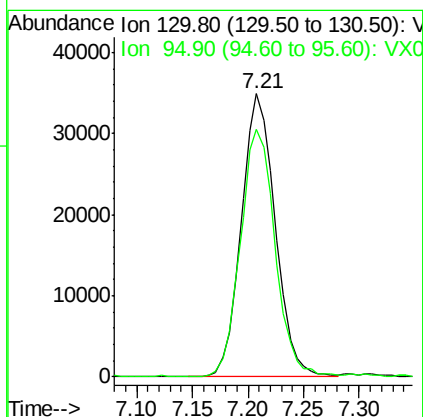
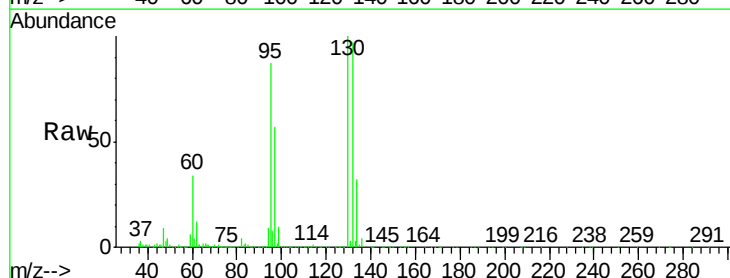
Tot Ion	43	Resp	133908
Ion Ratio	Lower	Upper	
43	100		
61	21.0	16.2	24.2
87	15.7	11.6	17.4

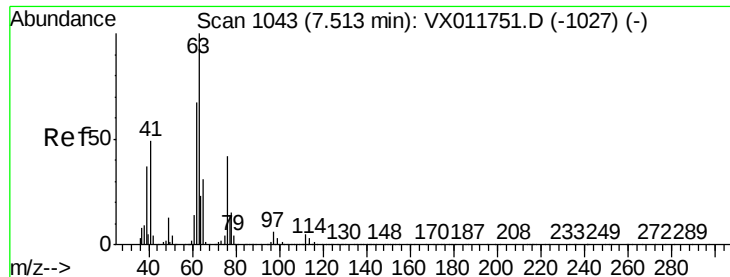


#44

Trichloroethene
 Concen: 18.788 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. -0.00 min
 Lab File: VX011816.D
 Acq: 24 Aug 2019 14:18

Tgt Ion	130	Resp	74115
Ion Ratio	Lower	Upper	
130	100		
95	87.1	0.0	179.0





#45

1,2-Dichloropropane

Concen: 19.060 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX011816.D

Acq: 24 Aug 2019 14:18

Instrument :

MSVOA_X

ClientSampleId :

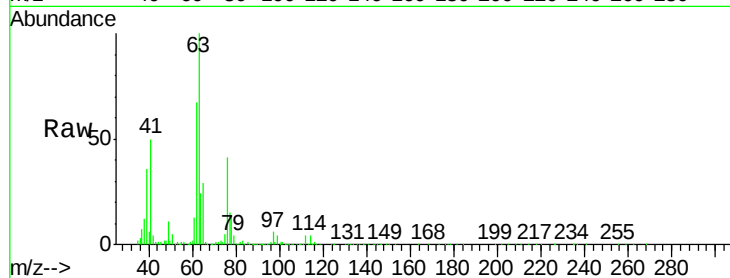
VX0824WBS01

Tot Ion: 63 Resp: 61308

Ion Ratio Lower Upper

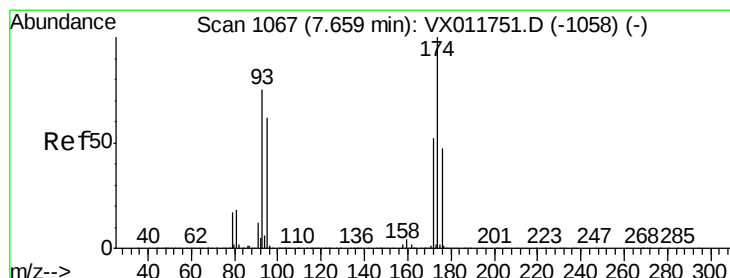
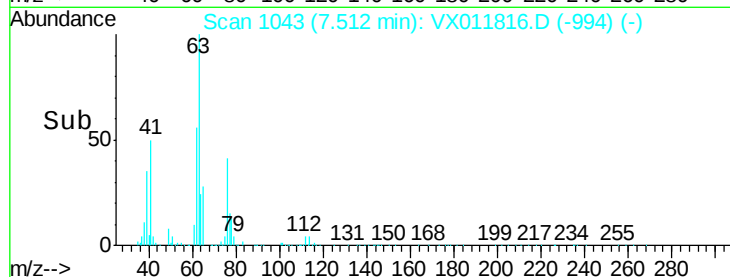
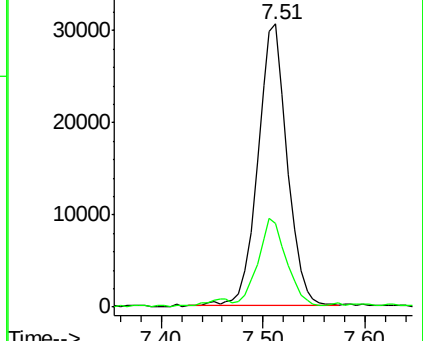
63 100

65 29.1 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 19.241 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX011816.D

Acq: 24 Aug 2019 14:18

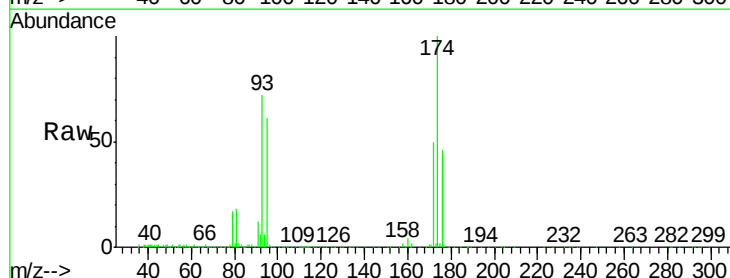
Tgt Ion: 93 Resp: 45628

Ion Ratio Lower Upper

93 100

95 78.9 66.2 99.2

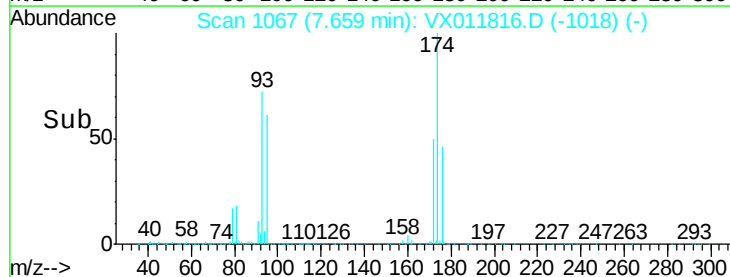
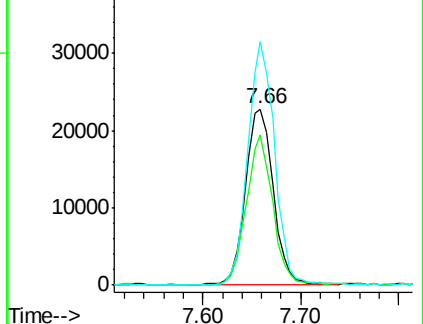
174 132.6 104.2 156.4

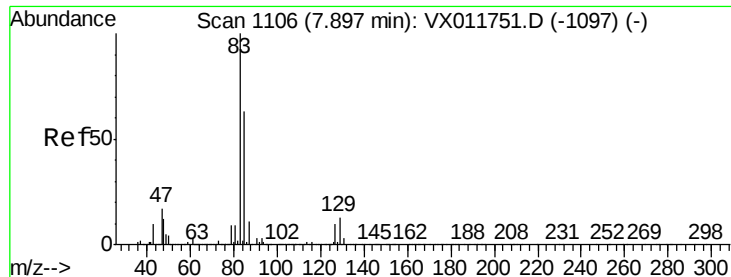


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 18.818 ug/l

RT: 7.89 min Scan# 1105

Delta R.T. -0.01 min

Lab File: VX011816.D

Acq: 24 Aug 2019 14:18

Instrument :

MSVOA_X

ClientSampleId :

VX0824WBS01

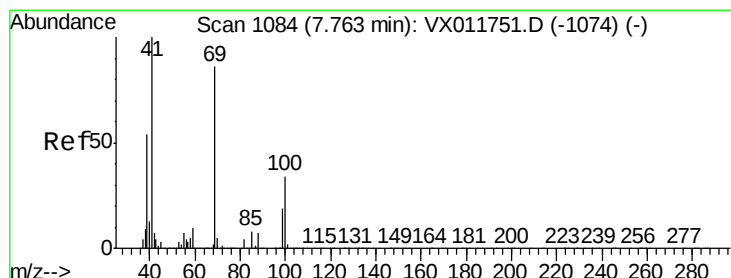
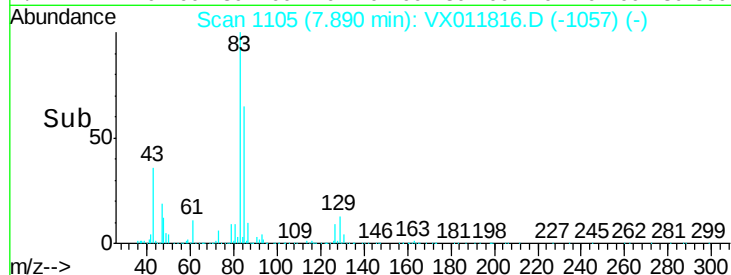
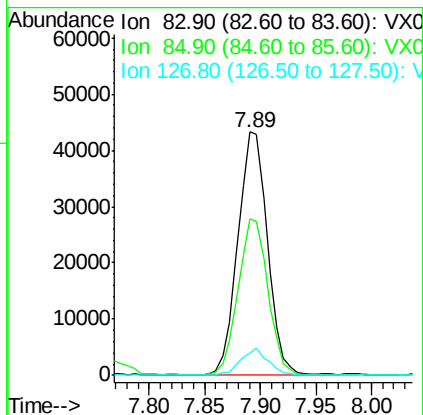
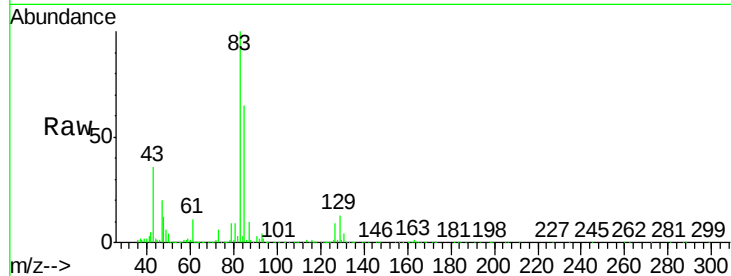
Tot Ion: 83 Resp: 80333

Ion Ratio Lower Upper

83 100

85 64.3 50.6 76.0

127 8.8 8.4 12.6



#48

Methyl methacrylate

Concen: 19.971 ug/l

RT: 7.76 min Scan# 1084

Delta R.T. -0.00 min

Lab File: VX011816.D

Acq: 24 Aug 2019 14:18

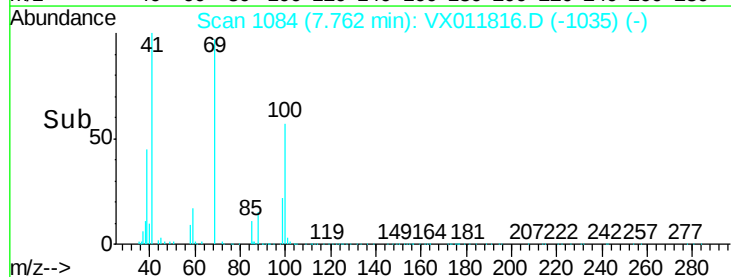
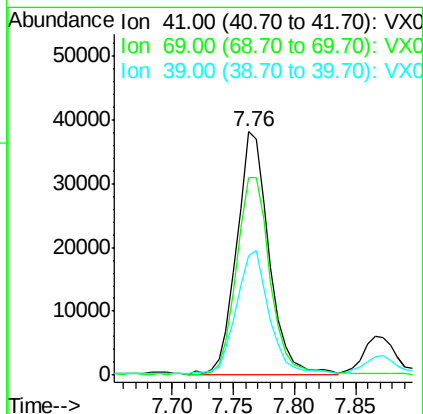
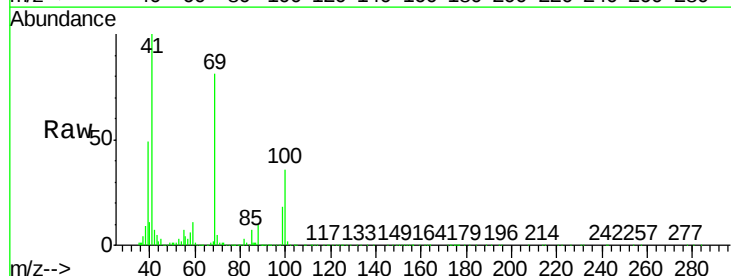
Tgt Ion: 41 Resp: 70420

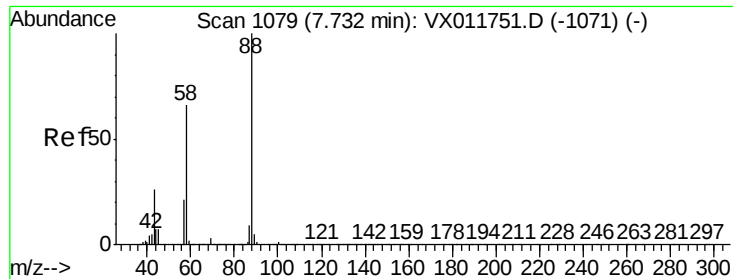
Ion Ratio Lower Upper

41 100

69 82.6 69.4 104.2

39 50.7 43.6 65.4





#49

1,4-Dioxane

Concen: 378.868 ug/l

RT: 7.73 min Scan# 1079

Delta R.T. -0.00 min

Lab File: VX011816.D

Acq: 24 Aug 2019 14:18

Instrument :

MSVOA_X

ClientSampleId :

VX0824WBS01

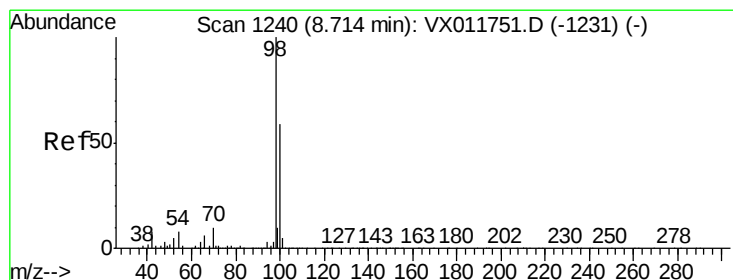
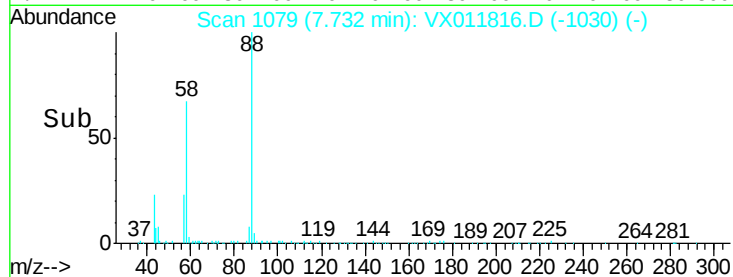
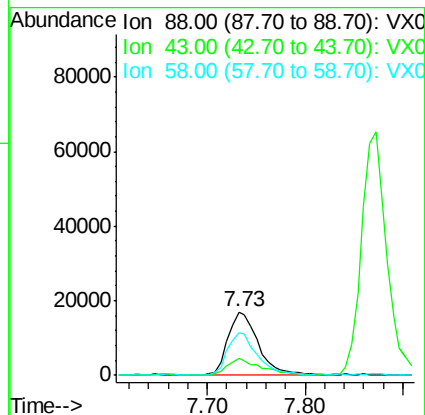
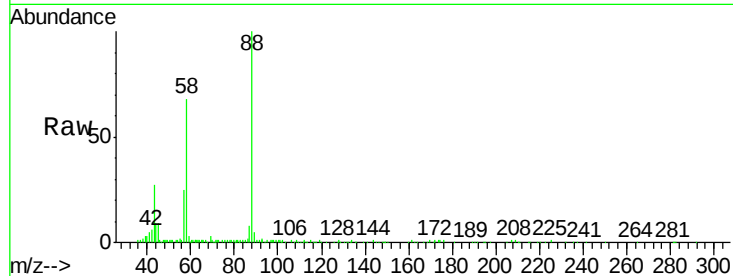
Tot Ion: 88 Resp: 37015

Ion Ratio Lower Upper

88 100

43 28.7 24.6 37.0

58 64.2 51.4 77.2



#50

Toluene-d8

Concen: 50.640 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX011816.D

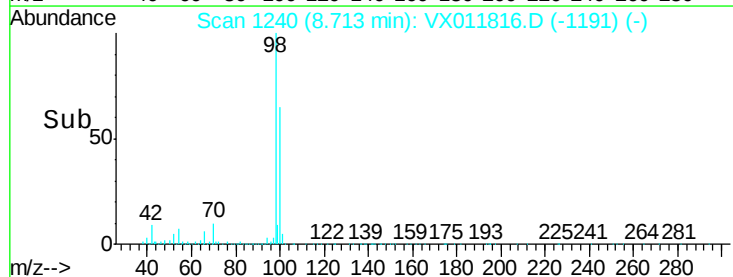
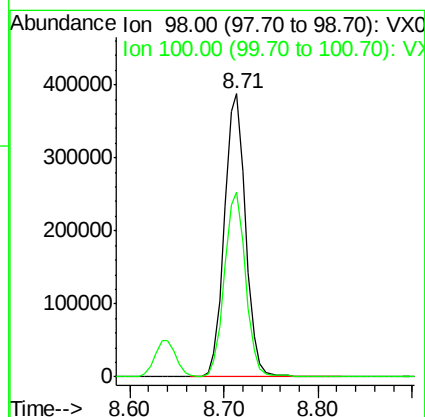
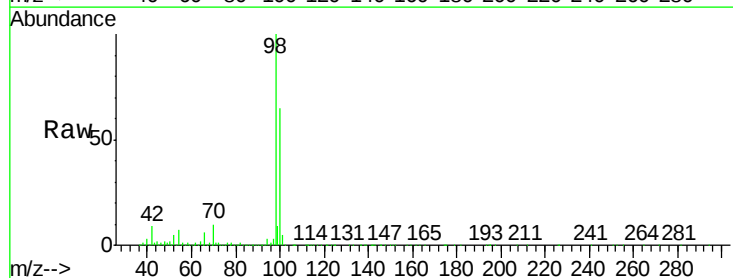
Acq: 24 Aug 2019 14:18

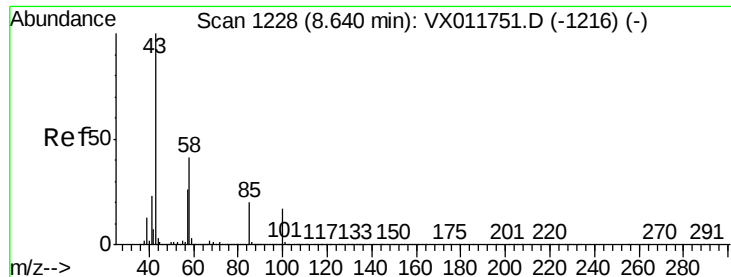
Tgt Ion: 98 Resp: 602523

Ion Ratio Lower Upper

98 100

100 65.5 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 98.006 ug/l

RT: 8.63 min Scan# 1227

Delta R.T. -0.01 min

Lab File: VX011816.D

Acq: 24 Aug 2019 14:18

Instrument :

MSVOA_X

ClientSampleId :

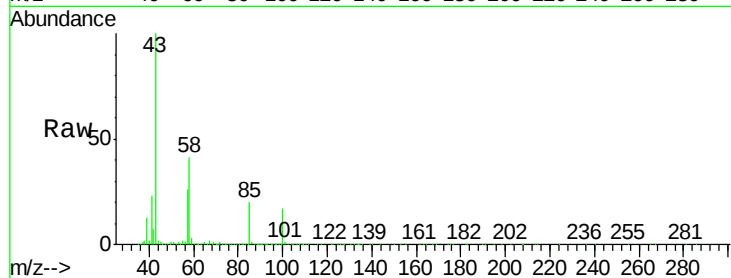
VX0824WBS01

Tot Ion: 43 Resp: 457563

Ion Ratio Lower Upper

43 100

58 40.5 31.8 47.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.63

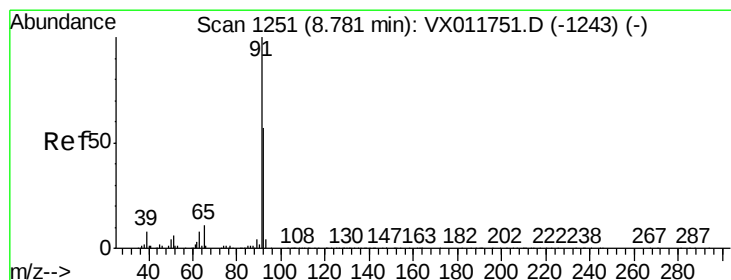
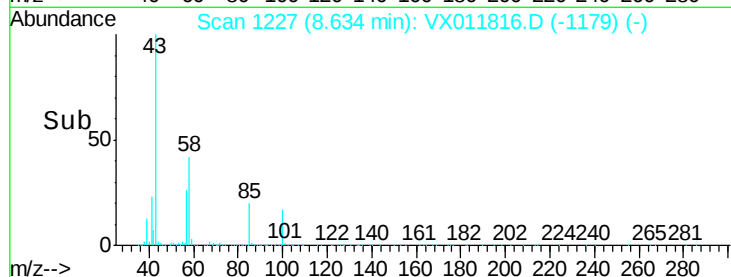
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 18.991 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX011816.D

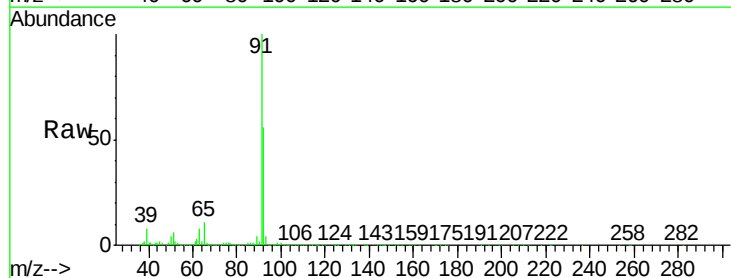
Acq: 24 Aug 2019 14:18

Tgt Ion: 92 Resp: 157262

Ion Ratio Lower Upper

92 100

91 173.5 138.6 207.8



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.78

200000

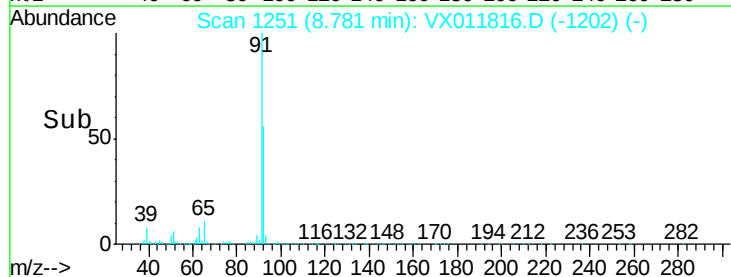
150000

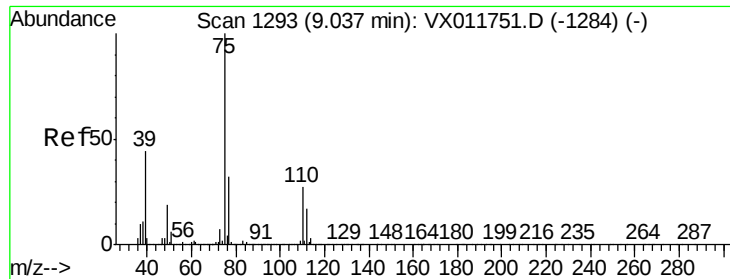
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 16.784 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VX011816.D

Acq: 24 Aug 2019 14:18

Instrument :

MSVOA_X

ClientSampleId :

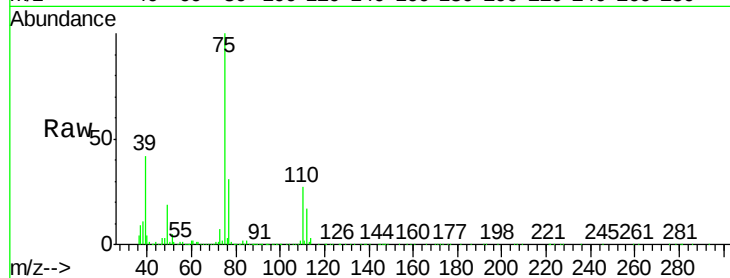
VX0824WBS01

Tot Ion: 75 Resp: 75213

Ion Ratio Lower Upper

75 100

77 31.3 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

60000

50000

40000

30000

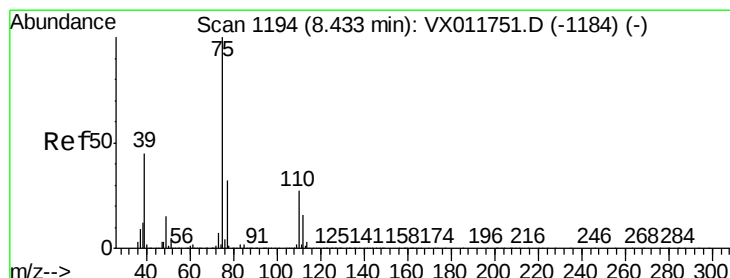
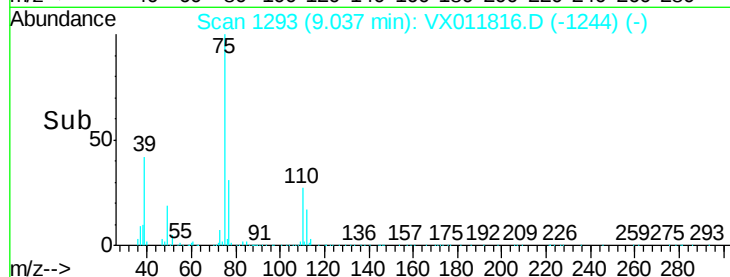
20000

10000

0

8.95 9.00 9.05 9.10 9.15

Time-->



#54

cis-1,3-Dichloropropene

Concen: 17.233 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX011816.D

Acq: 24 Aug 2019 14:18

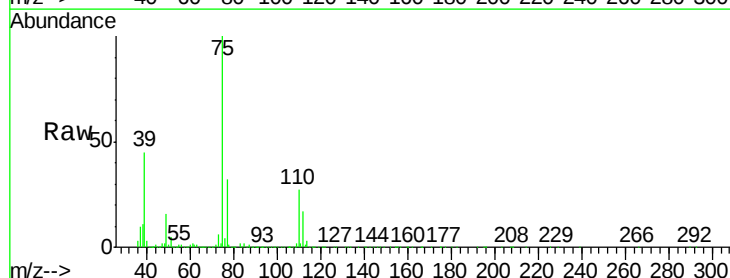
Tgt Ion: 75 Resp: 84251

Ion Ratio Lower Upper

75 100

77 32.3 25.4 38.2

39 44.3 36.2 54.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.43

60000

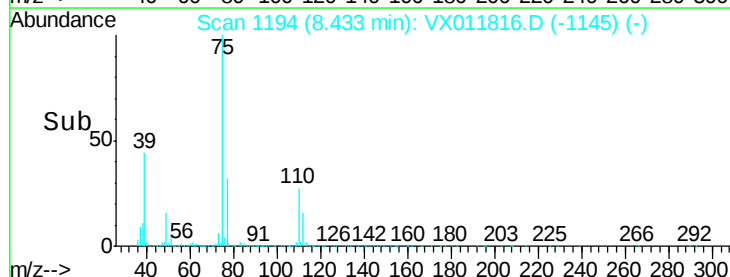
40000

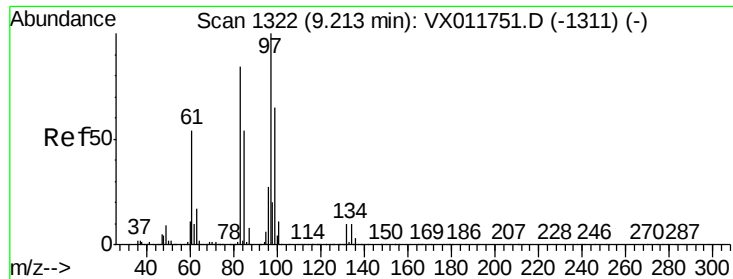
20000

0

8.35 8.40 8.45 8.50 8.55

Time-->

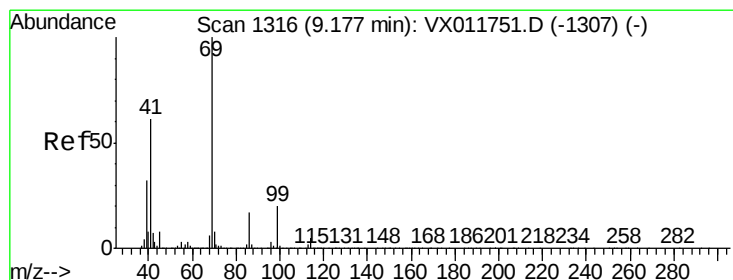
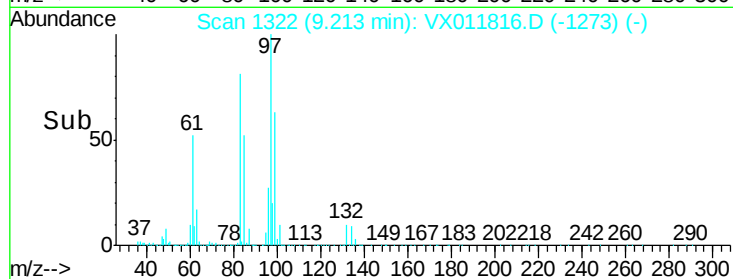
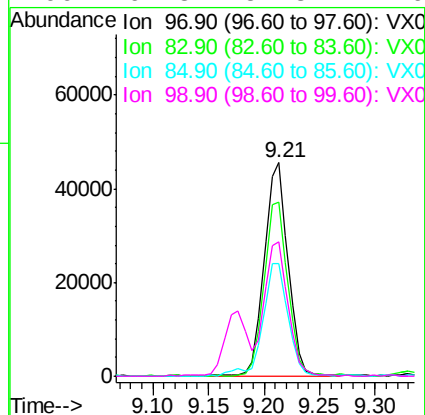
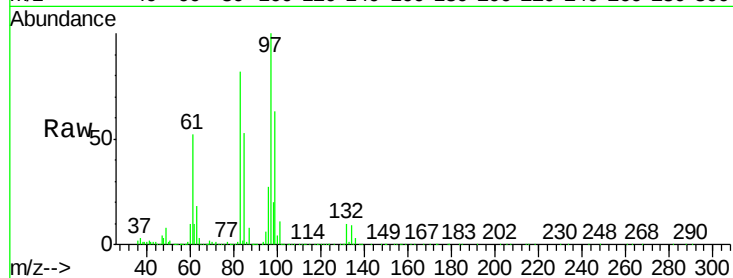




#55
 1,1,2-Trichloroethane
 Concen: 19.725 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX011816.D
 Acq: 24 Aug 2019 14:18

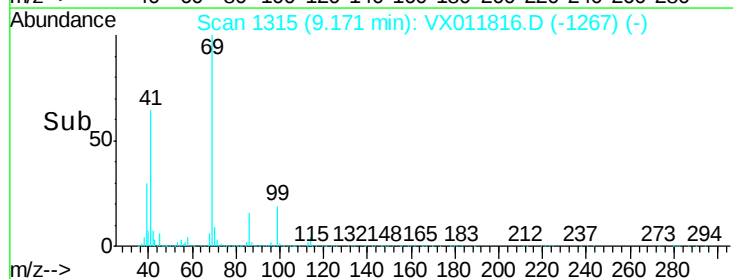
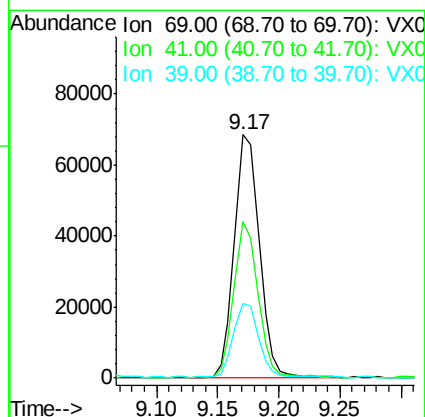
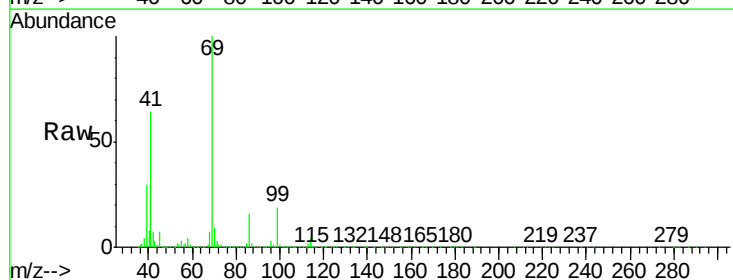
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0824WBS01

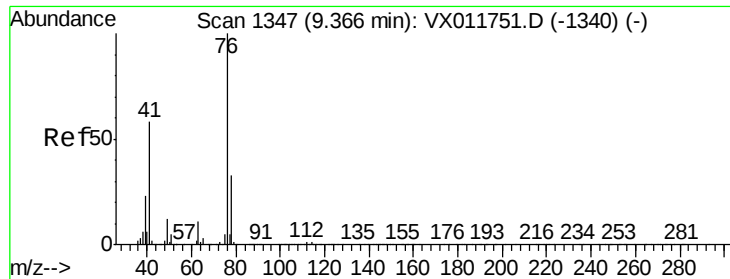
Tot Ion:	97	Resp:	68054
Ion	Ratio	Lower	Upper
97	100		
83	81.4	67.3	100.9
85	52.5	43.4	65.2
99	62.8	51.8	77.6



#56
 Ethyl methacrylate
 Concen: 19.913 ug/l
 RT: 9.17 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: VX011816.D
 Acq: 24 Aug 2019 14:18

Tgt Ion:	69	Resp:	97707
Ion	Ratio	Lower	Upper
69	100		
41	61.4	50.7	76.1
39	30.4	26.4	39.6





#57

1,3-Dichloropropane

Concen: 19.293 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.00 min

Lab File: VX011816.D

Acq: 24 Aug 2019 14:18

Instrument :

MSVOA_X

ClientSampleId :

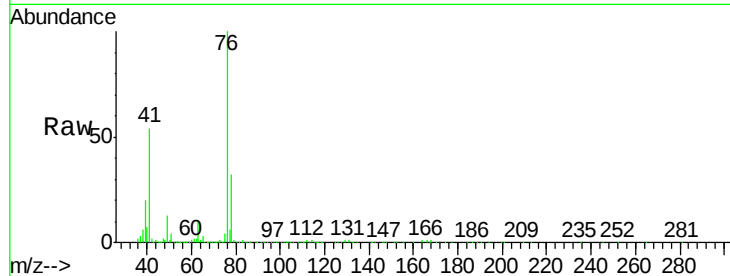
VX0824WBS01

Tot Ion: 76 Resp: 107480

Ion Ratio Lower Upper

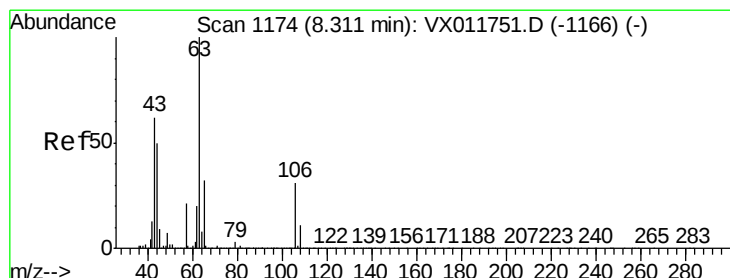
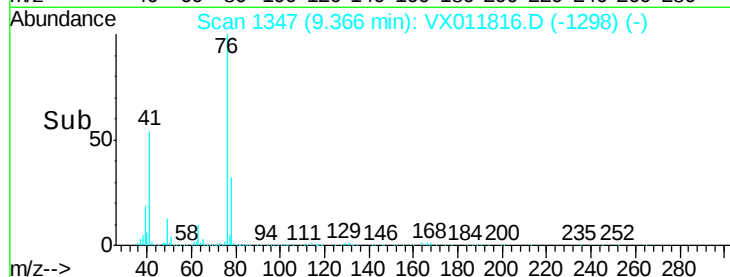
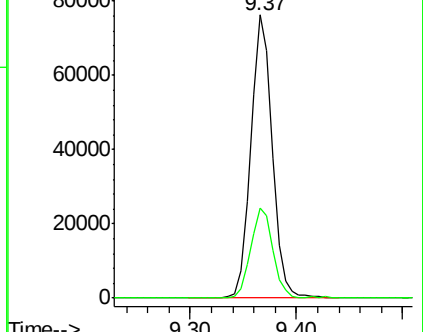
76 100

78 32.8 26.6 39.8



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: 102.832 ug/l

RT: 8.31 min Scan# 1173

Delta R.T. -0.01 min

Lab File: VX011816.D

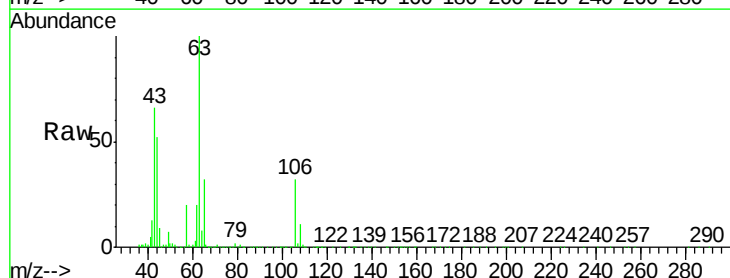
Acq: 24 Aug 2019 14:18

Tgt Ion: 63 Resp: 265415

Ion Ratio Lower Upper

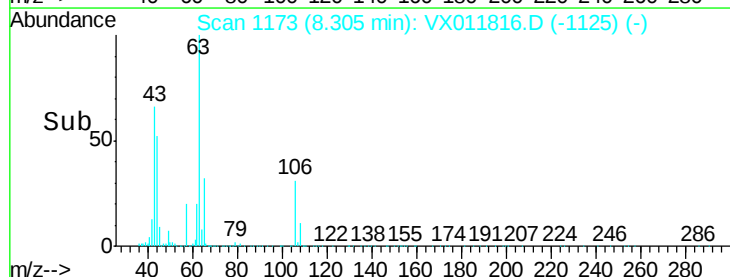
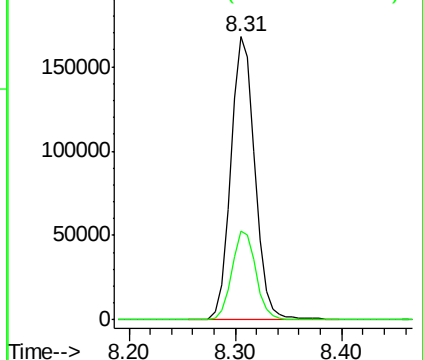
63 100

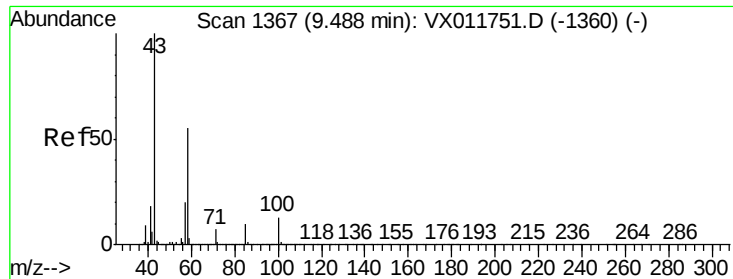
106 31.5 24.9 37.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

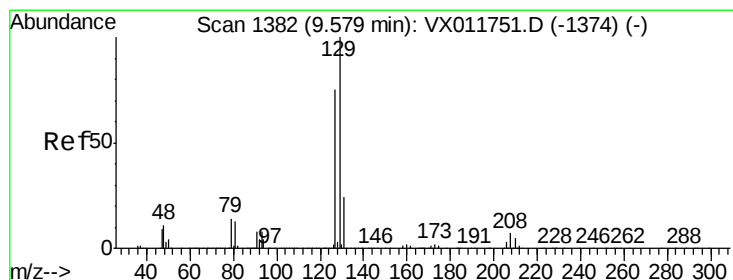
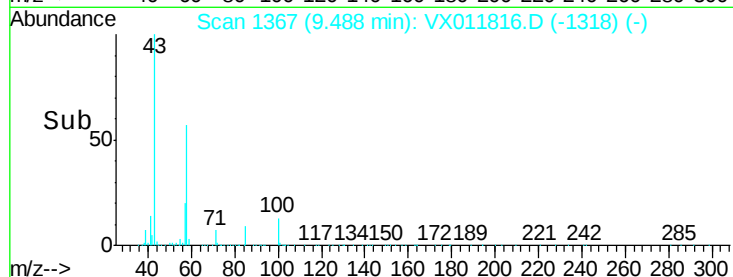
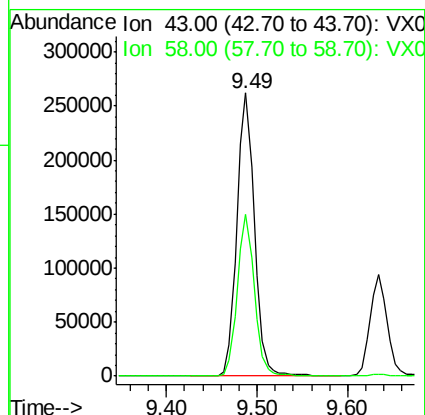
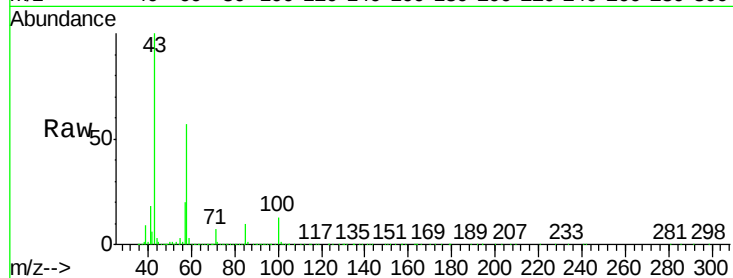




#59
2-Hexanone
Concen: 98.446 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX011816.D
Acq: 24 Aug 2019 14:18

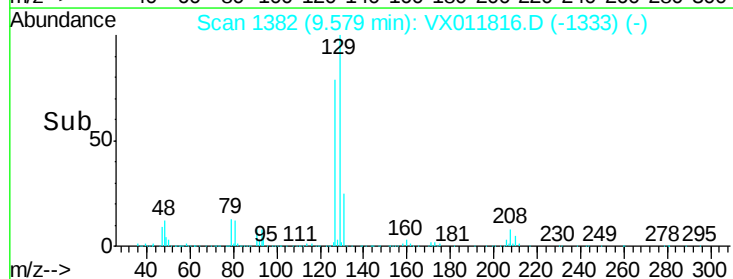
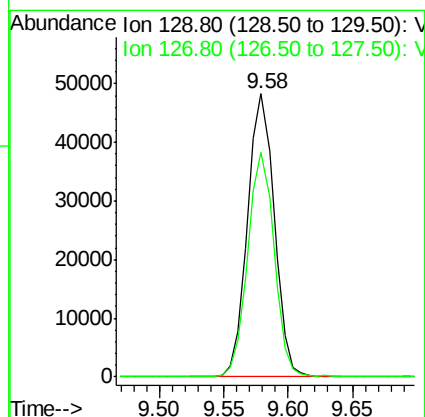
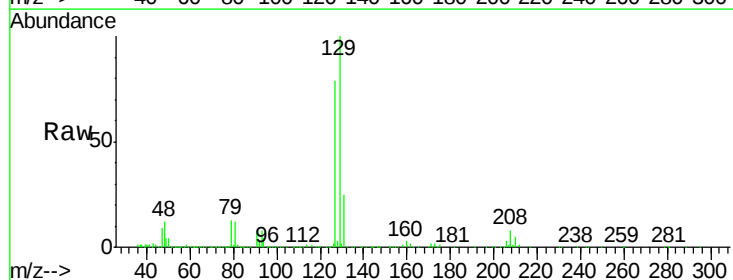
Instrument :
MSVOA_X
ClientSampleId :
VX0824WBS01

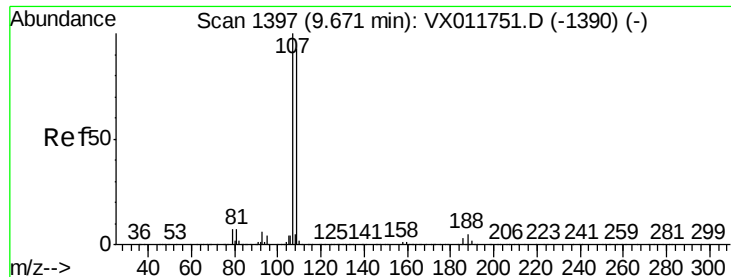
Tot Ion: 43 Resp: 352770
Ion Ratio Lower Upper
43 100
58 55.5 27.7 83.1



#60
Dibromochloromethane
Concen: 18.596 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX011816.D
Acq: 24 Aug 2019 14:18

Tgt Ion: 129 Resp: 69369
Ion Ratio Lower Upper
129 100
127 78.4 38.3 114.8





#61

1,2-Dibromoethane

Concen: 19.959 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX011816.D

Acq: 24 Aug 2019 14:18

Instrument :

MSVOA_X

ClientSampleId :

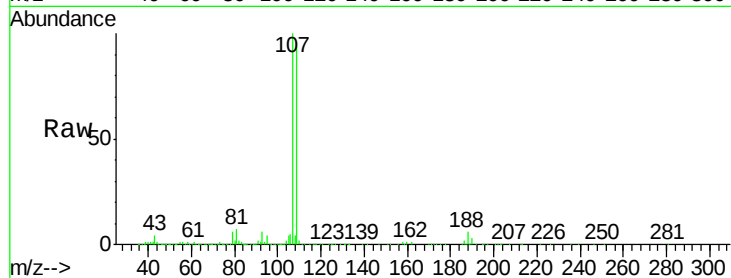
VX0824WBS01

Tot Ion:107 Resp: 73887

Ion Ratio Lower Upper

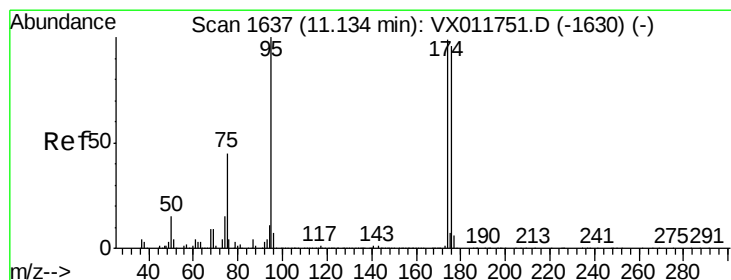
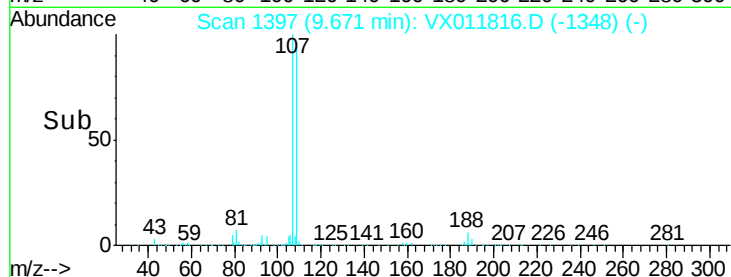
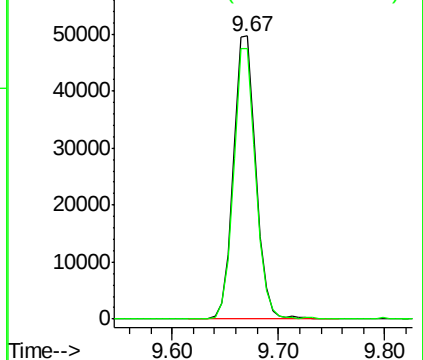
107 100

109 93.3 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.597 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011816.D

Acq: 24 Aug 2019 14:18

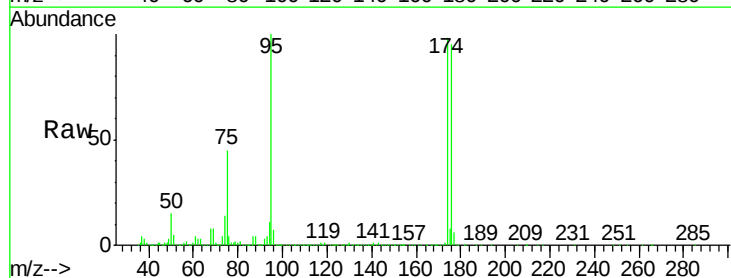
Tgt Ion: 95 Resp: 223844

Ion Ratio Lower Upper

95 100

174 101.6 0.0 197.4

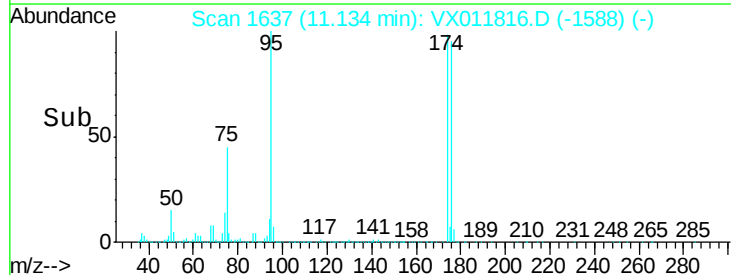
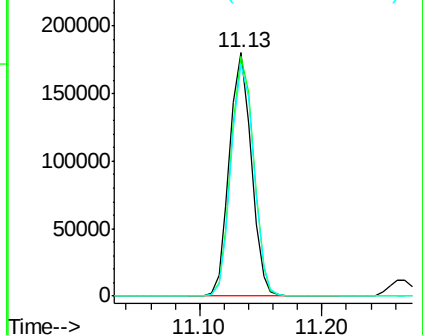
176 98.2 0.0 194.4

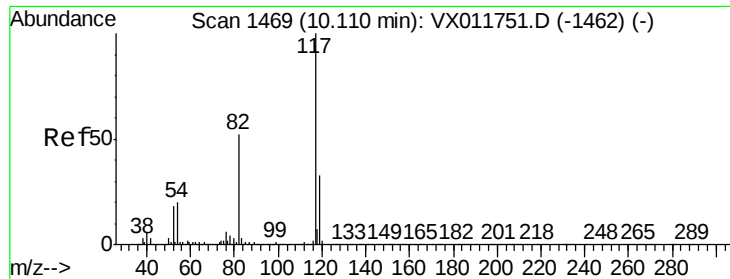


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

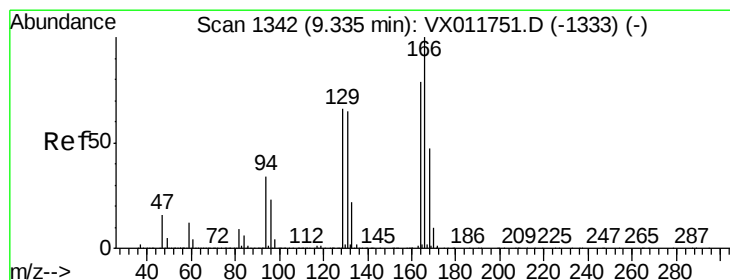
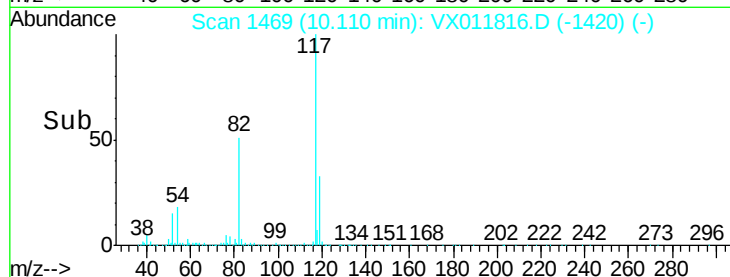
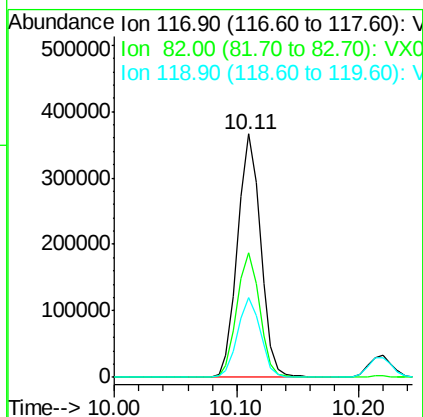
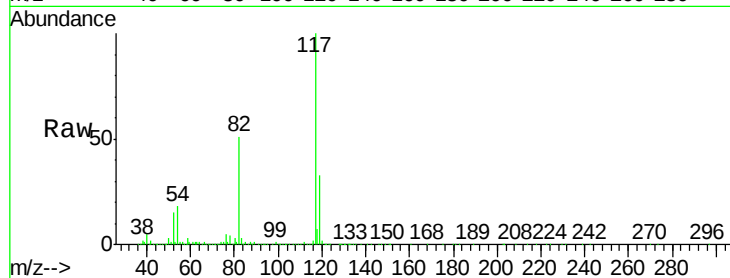




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011816.D
Acq: 24 Aug 2019 14:18

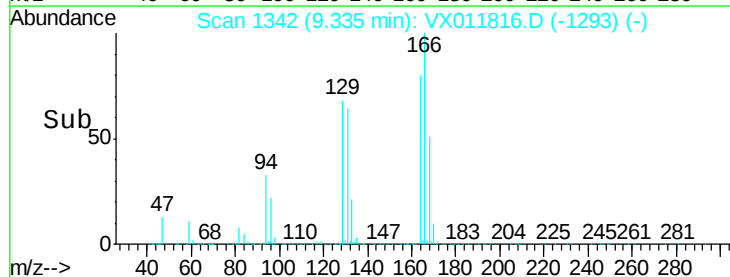
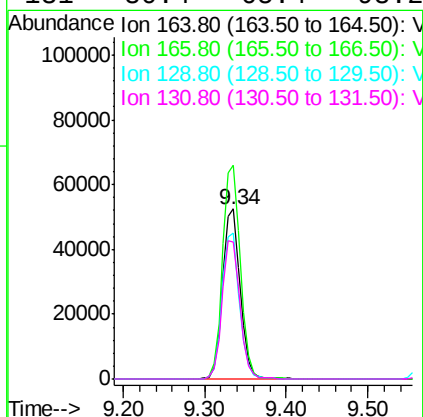
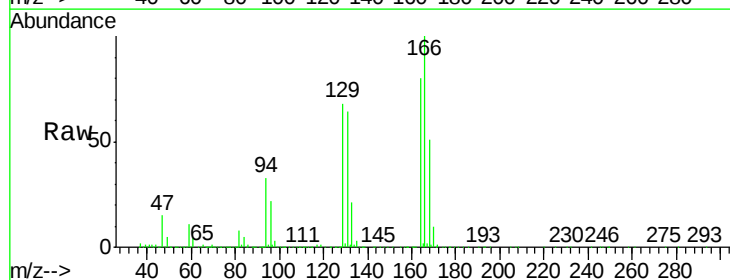
Instrument :
MSVOA_X
ClientSampleId :
VX0824WBS01

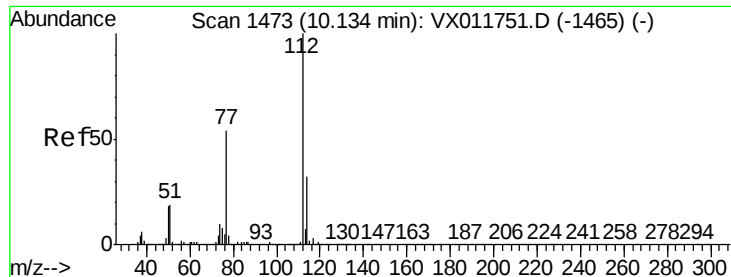
Tot Ion:117 Resp: 477511
Ion Ratio Lower Upper
117 100
82 51.3 41.7 62.5
119 32.6 26.2 39.2



#64
Tetrachloroethene
Concen: 20.681 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX011816.D
Acq: 24 Aug 2019 14:18

Tgt Ion:164 Resp: 78785
Ion Ratio Lower Upper
164 100
166 125.8 100.7 151.1
129 85.5 66.8 100.2
131 80.4 65.4 98.2

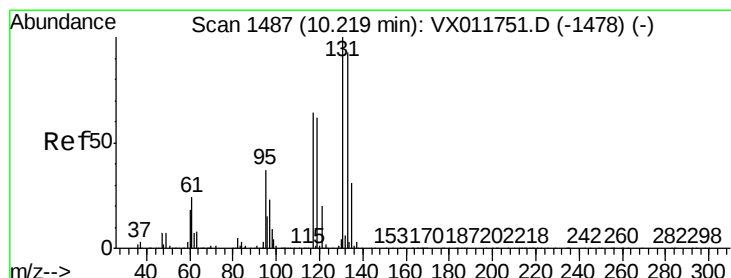
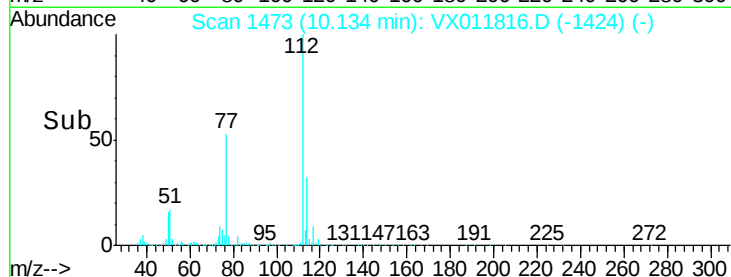
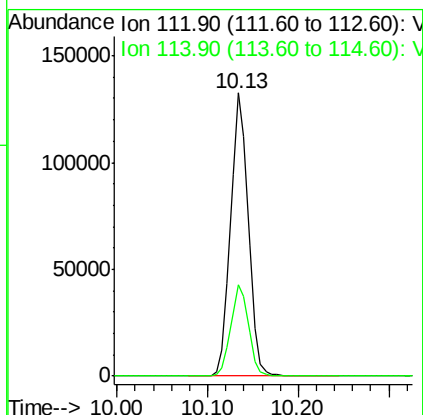
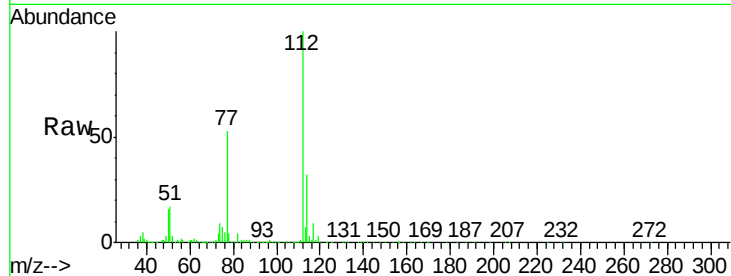




#65
Chlorobenzene
Concen: 19.318 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX011816.D
Acq: 24 Aug 2019 14:18

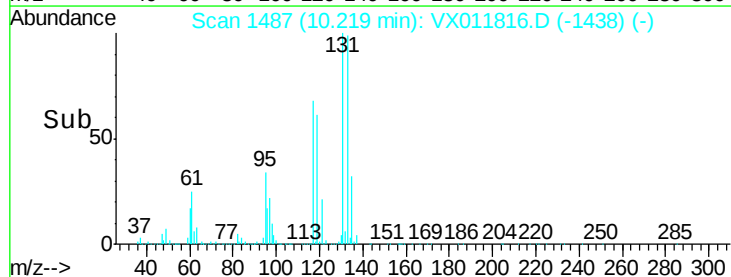
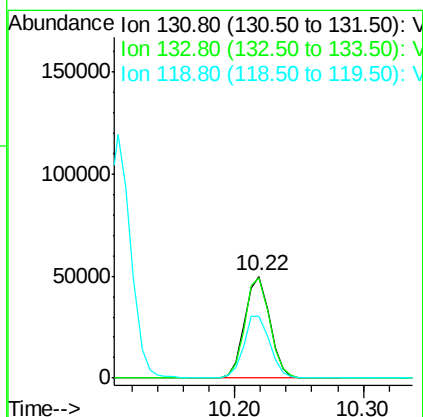
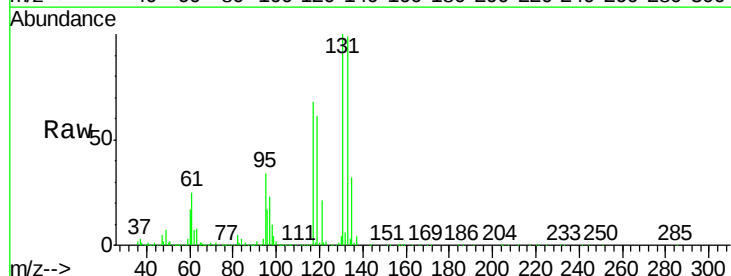
Instrument :
MSVOA_X
ClientSampled :
VX0824WBS01

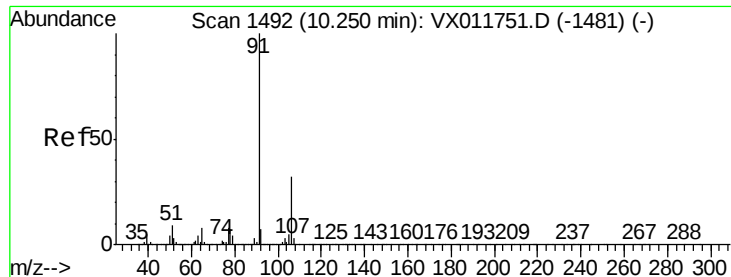
Tot Ion:112 Resp: 180098
Ion Ratio Lower Upper
112 100
114 32.1 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 19.221 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX011816.D
Acq: 24 Aug 2019 14:18

Tgt Ion:131 Resp: 67137
Ion Ratio Lower Upper
131 100
133 98.1 47.8 143.4
119 62.9 31.3 93.8

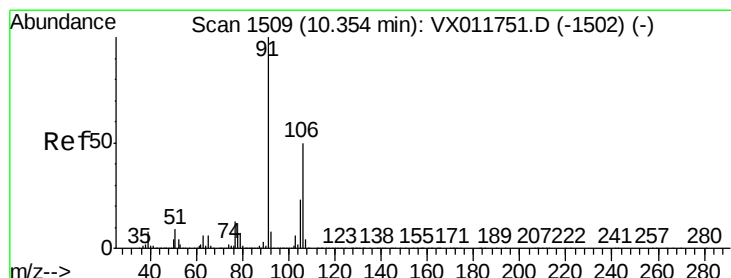
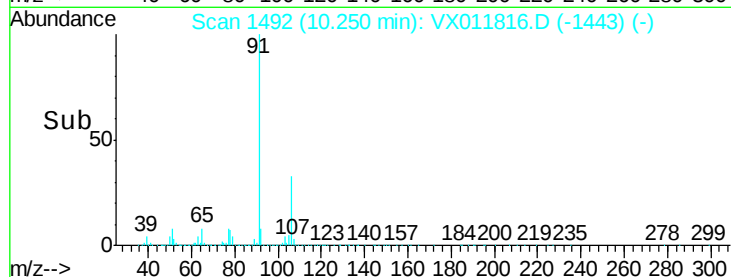
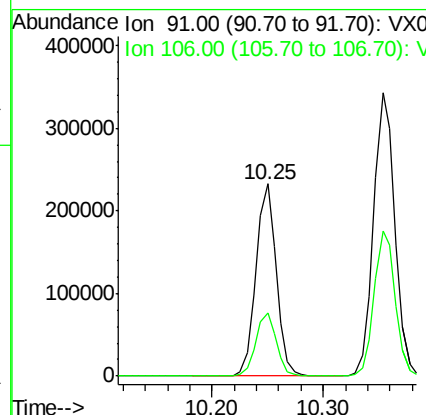
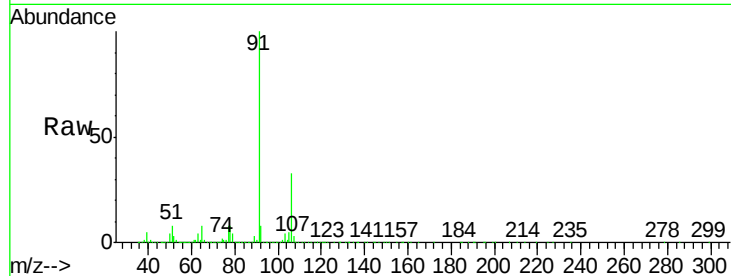




#67
Ethyl Benzene
Concen: 19.002 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX011816.D
Acq: 24 Aug 2019 14:18

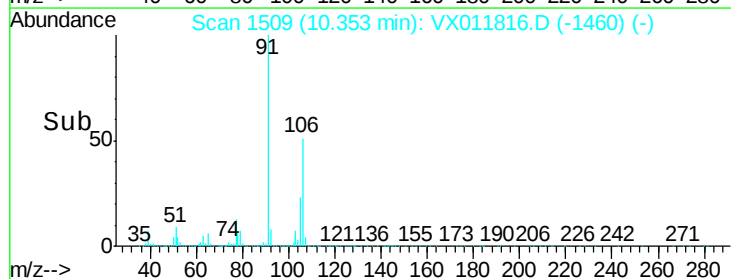
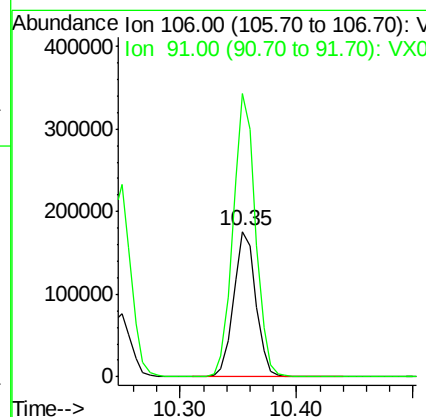
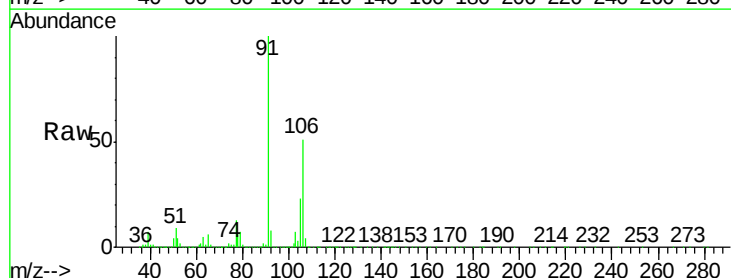
Instrument :
MSVOA_X
ClientSampled :
VX0824WBS01

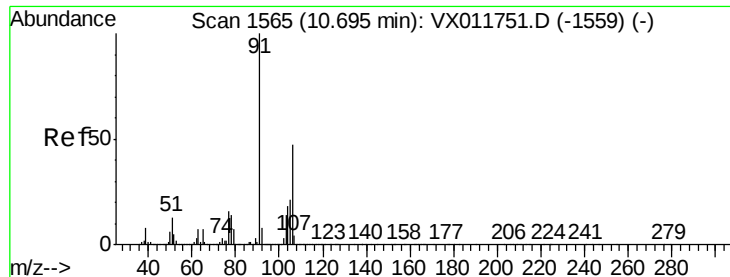
Tot Ion: 91 Resp: 296034
Ion Ratio Lower Upper
91 100
106 33.0 25.5 38.3



#68
m/p-Xylenes
Concen: 38.727 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.00 min
Lab File: VX011816.D
Acq: 24 Aug 2019 14:18

Tgt Ion: 106 Resp: 232638
Ion Ratio Lower Upper
106 100
91 196.8 158.3 237.5

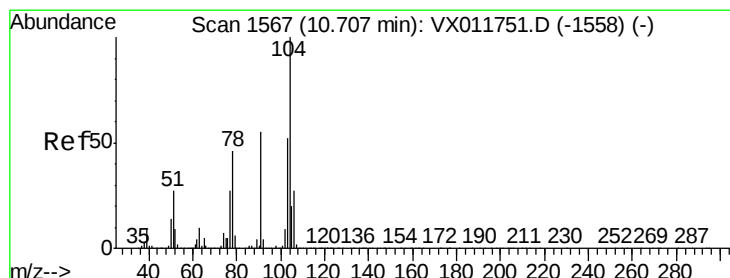
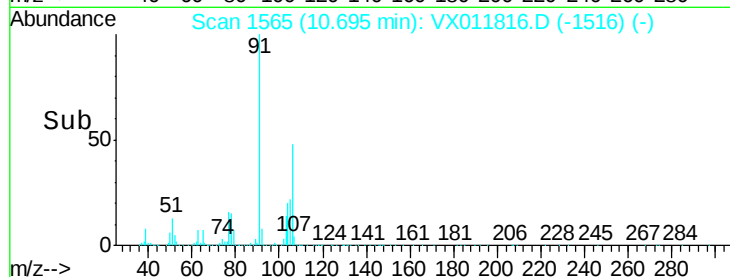
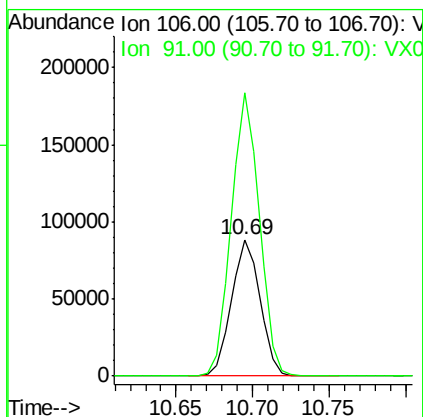
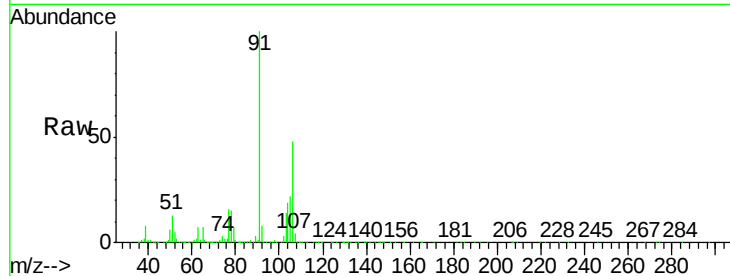




#69
o-Xylene
Concen: 19.491 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX011816.D
Acq: 24 Aug 2019 14:18

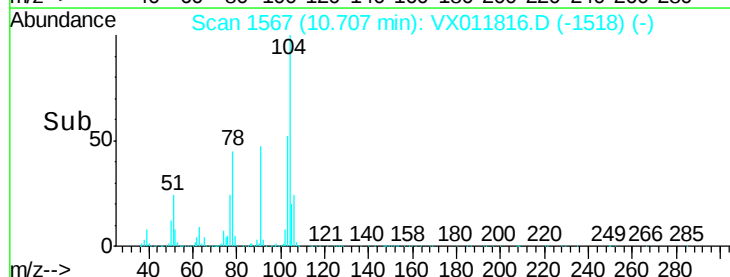
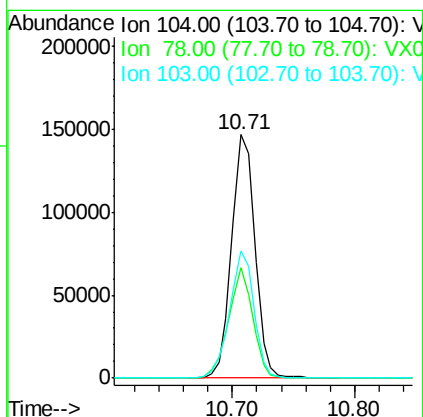
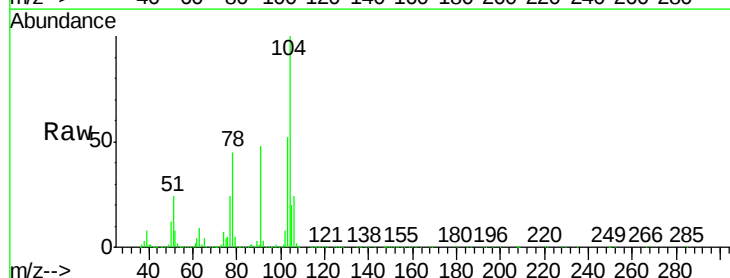
Instrument :
MSVOA_X
ClientSampleId :
VX0824WBS01

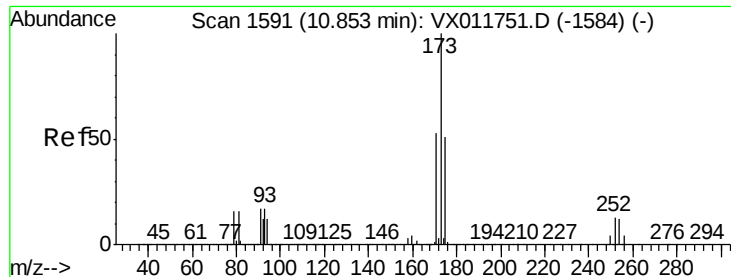
Tot Ion:106 Resp: 114955
Ion Ratio Lower Upper
106 100
91 204.5 105.0 314.9



#70
Styrene
Concen: 19.630 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX011816.D
Acq: 24 Aug 2019 14:18

Tgt Ion:104 Resp: 193678
Ion Ratio Lower Upper
104 100
78 46.6 39.2 58.8
103 54.7 44.5 66.7





#71

Bromoform

Concen: 18.848 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX011816.D

Acq: 24 Aug 2019 14:18

Instrument :

MSVOA_X

ClientSampled :

VX0824WBS01

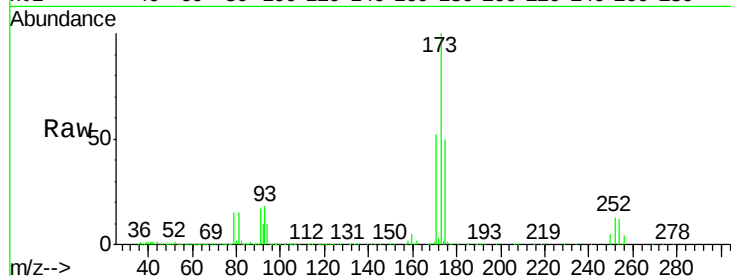
Tot Ion:173 Resp: 56793

Ion Ratio Lower Upper

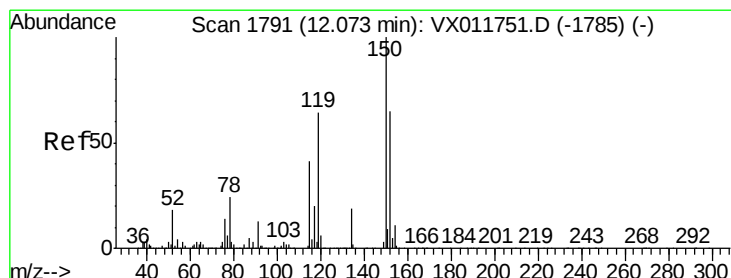
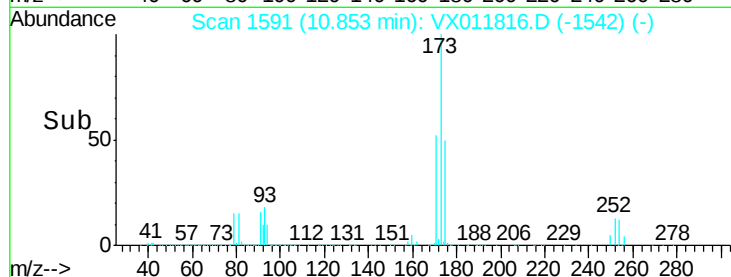
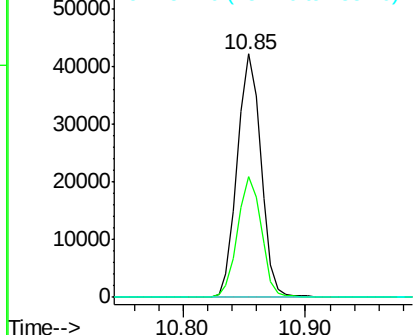
173 100

175 49.5 25.1 75.3

254 0.4 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# 1791

Delta R.T. -0.00 min

Lab File: VX011816.D

Acq: 24 Aug 2019 14:18

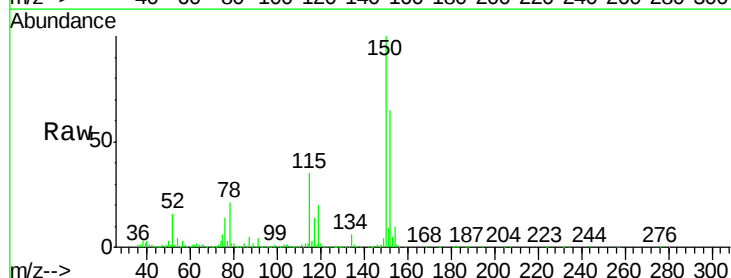
Tgt Ion:152 Resp: 261110

Ion Ratio Lower Upper

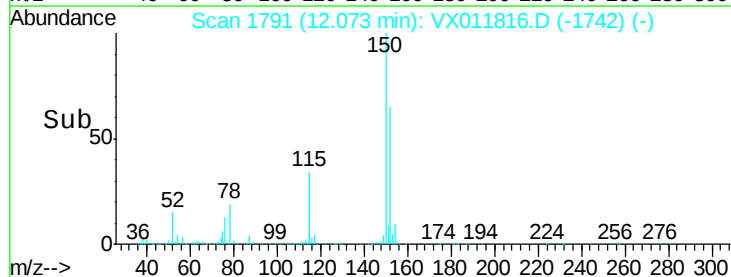
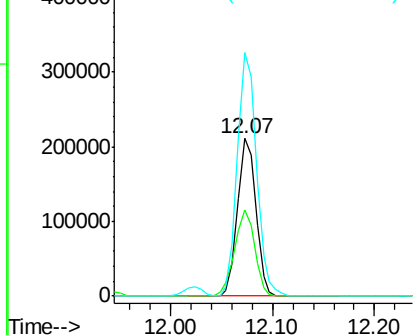
152 100

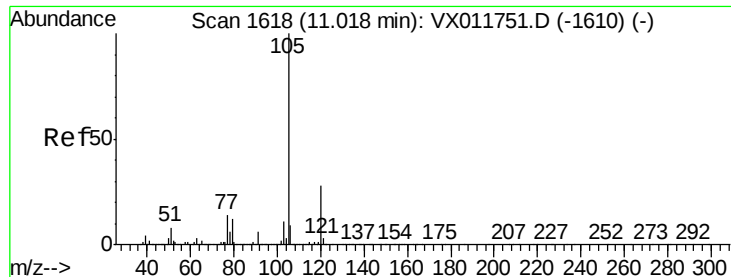
115 59.8 37.3 111.8

150 161.6 0.0 343.0



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: 19.319 ug/l

RT: 11.01 min Scan# 1617

Delta R.T. -0.01 min

Lab File: VX011816.D

Acq: 24 Aug 2019 14:18

Instrument :

MSVOA_X

ClientSampled :

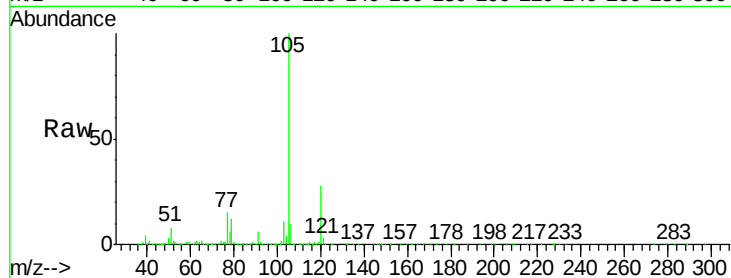
VX0824WBS01

Tot Ion:105 Resp: 303990

Ion Ratio Lower Upper

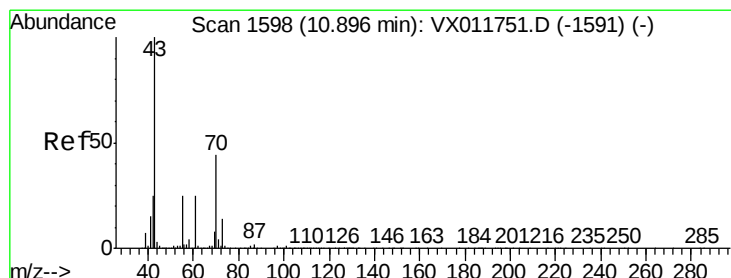
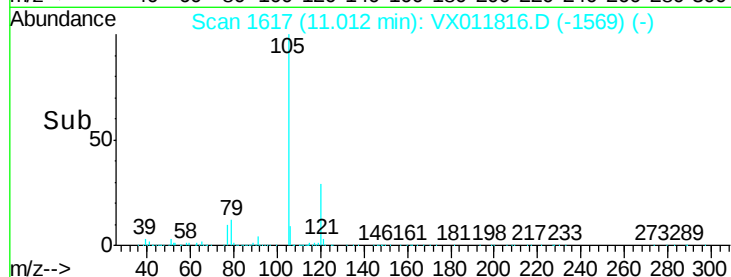
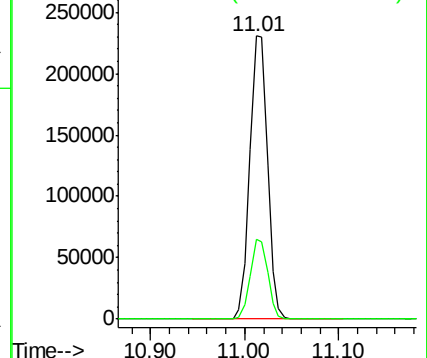
105 100

120 27.9 13.9 41.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.922 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX011816.D

Acq: 24 Aug 2019 14:18

Tgt Ion: 43 Resp: 115273

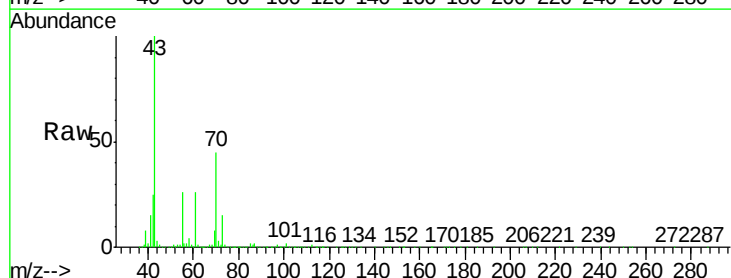
Ion Ratio Lower Upper

43 100

70 44.2 34.8 52.2

55 25.4 19.5 29.3

61 25.5 19.8 29.6

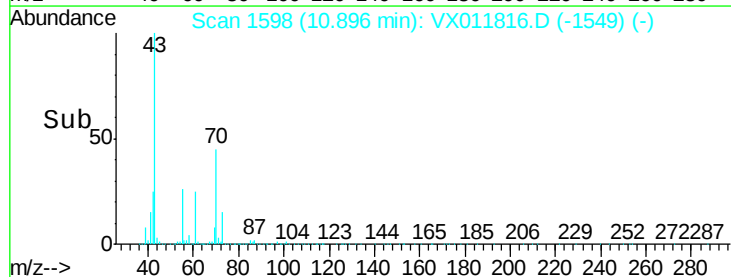
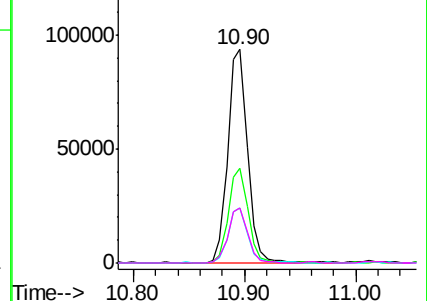


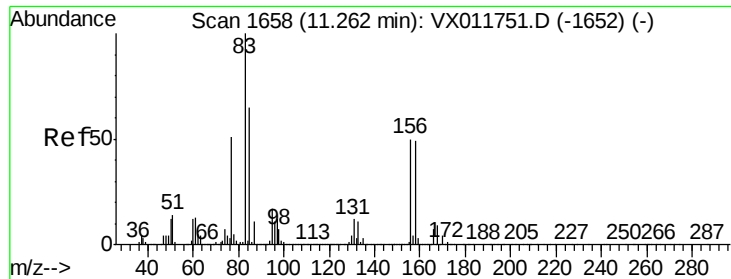
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.174 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.00 min

Lab File: VX011816.D

Acq: 24 Aug 2019 14:18

Instrument :

MSVOA_X

ClientSampleId :

VX0824WBS01

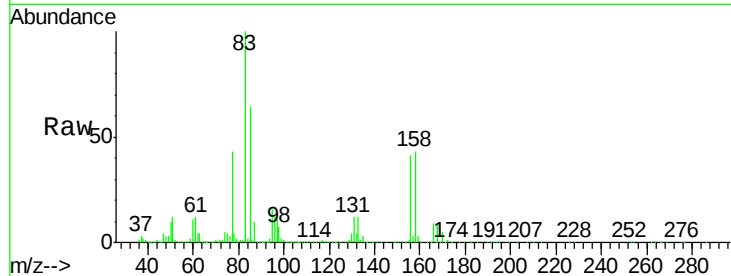
Tot Ion: 83 Resp: 99867

Ion Ratio Lower Upper

83 100

131 12.4 6.1 18.3

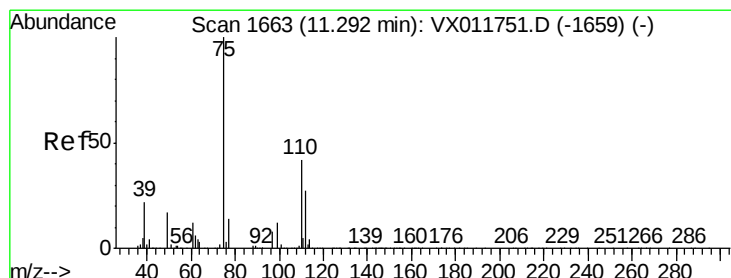
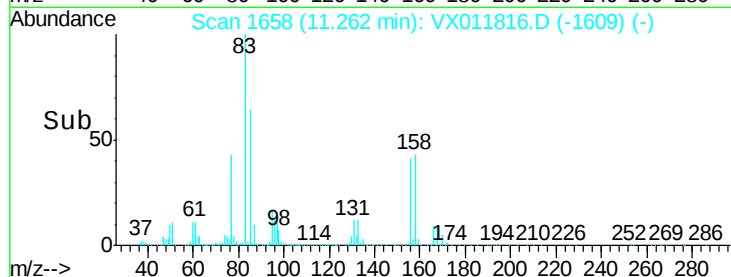
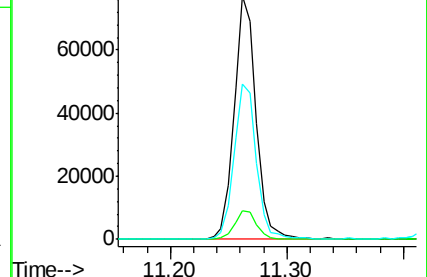
85 65.2 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 18.877 ug/l m

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX011816.D

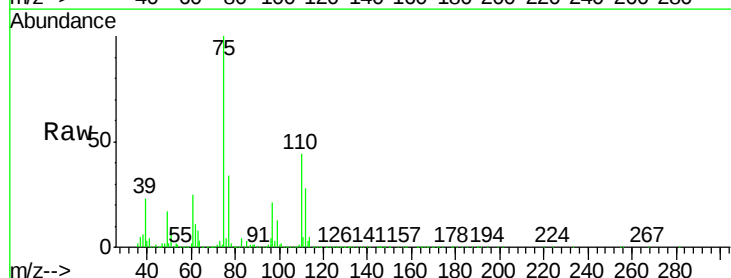
Acq: 24 Aug 2019 14:18

Tgt Ion: 75 Resp: 86487

Ion Ratio Lower Upper

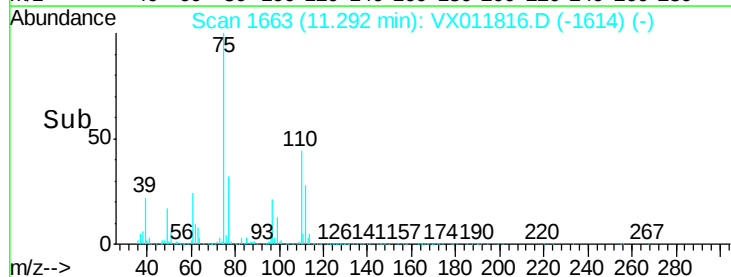
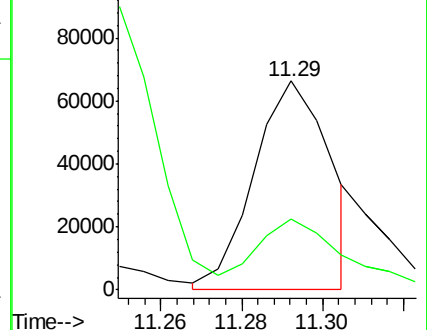
75 100

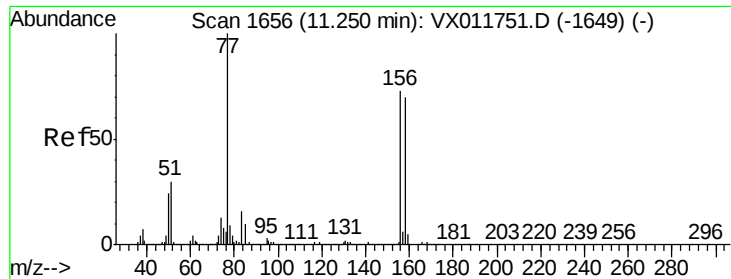
77 39.7 21.1 63.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.669 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.00 min

Lab File: VX011816.D

Acq: 24 Aug 2019 14:18

Instrument :

MSVOA_X

ClientSampleId :

VX0824WBS01

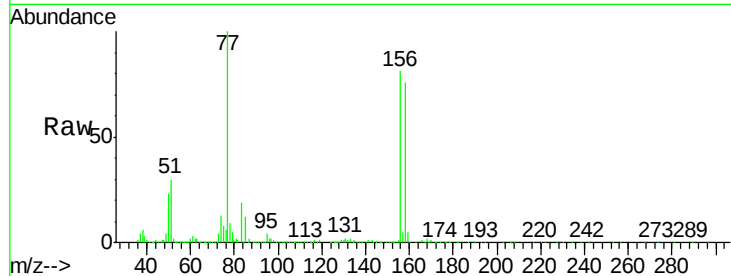
Tot Ion:156 Resp: 91244

Ion Ratio Lower Upper

156 100

77 123.7 65.3 196.0

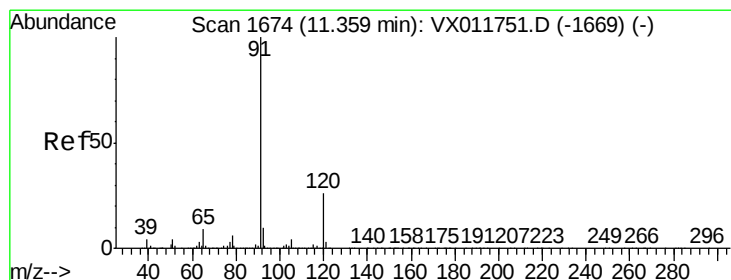
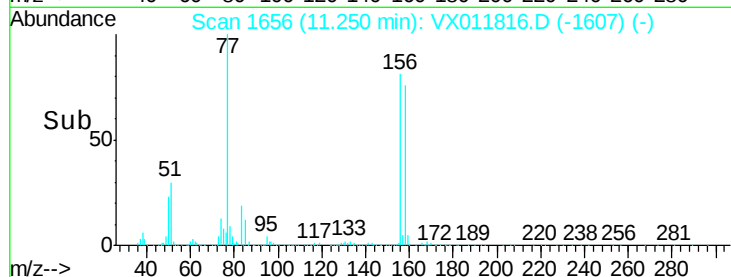
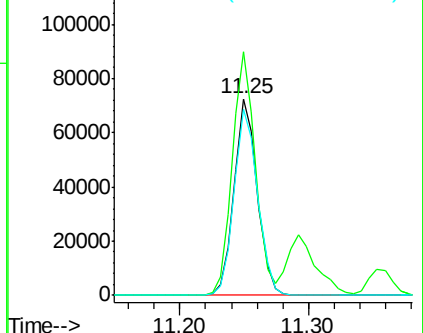
158 96.9 48.4 145.0



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: 19.160 ug/l

RT: 11.35 min Scan# 1673

Delta R.T. -0.01 min

Lab File: VX011816.D

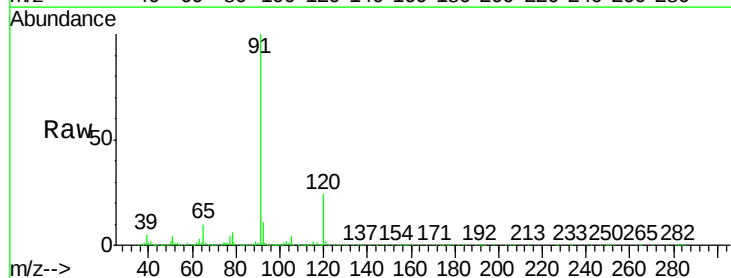
Acq: 24 Aug 2019 14:18

Tgt Ion: 91 Resp: 322373

Ion Ratio Lower Upper

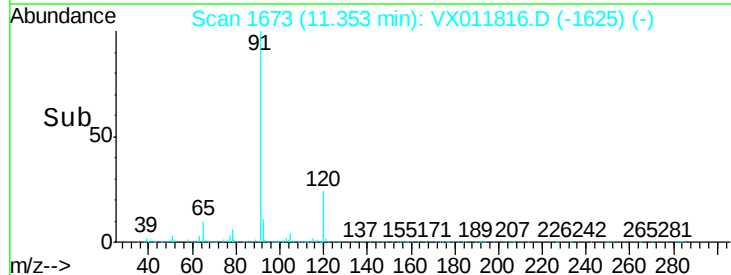
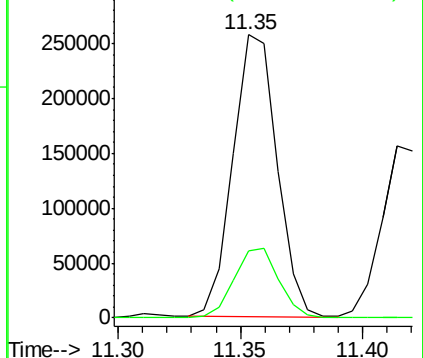
91 100

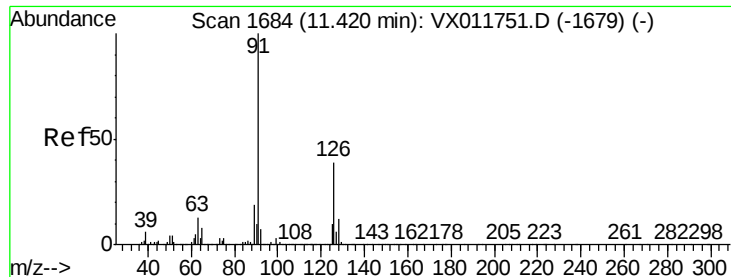
120 25.1 12.7 38.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.187 ug/l

RT: 11.41 min Scan# 1683

Delta R.T. -0.01 min

Lab File: VX011816.D

Acq: 24 Aug 2019 14:18

Instrument :

MSVOA_X

ClientSampled :

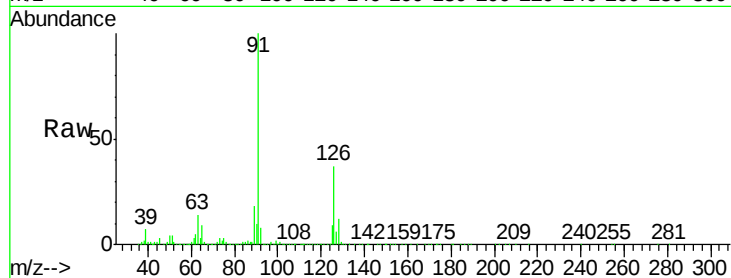
VX0824WBS01

Tot Ion: 91 Resp: 200847

Ion Ratio Lower Upper

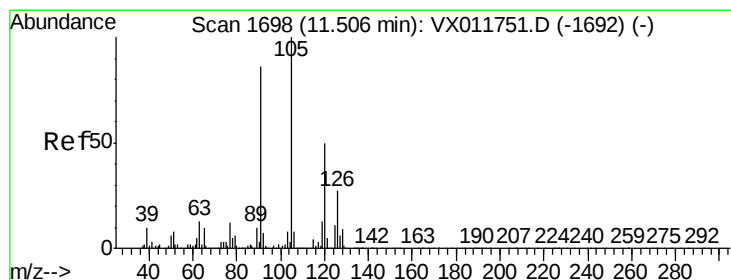
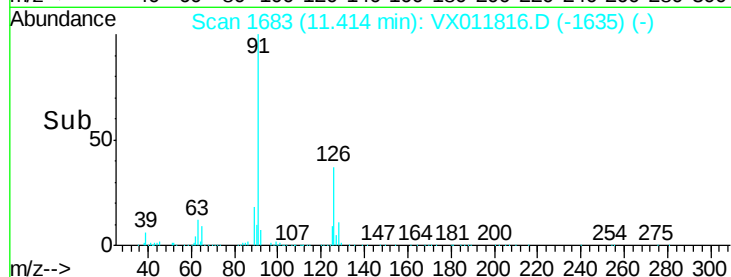
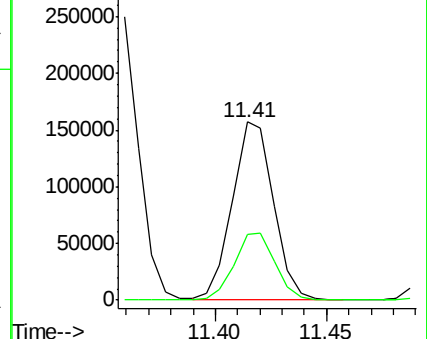
91 100

126 38.0 18.6 55.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 19.548 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX011816.D

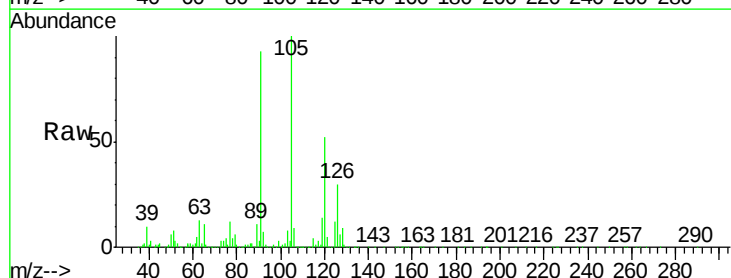
Acq: 24 Aug 2019 14:18

Tgt Ion:105 Resp: 256648

Ion Ratio Lower Upper

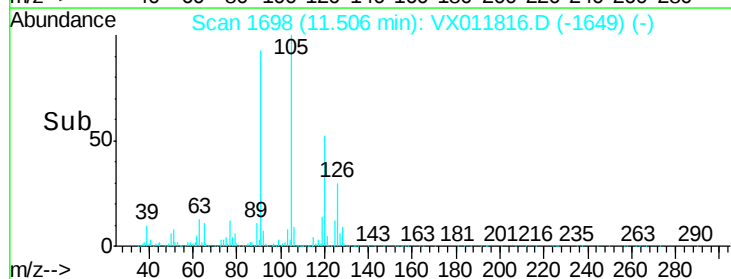
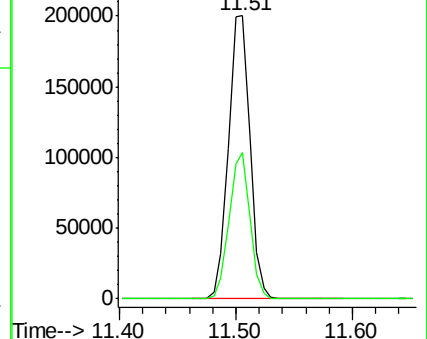
105 100

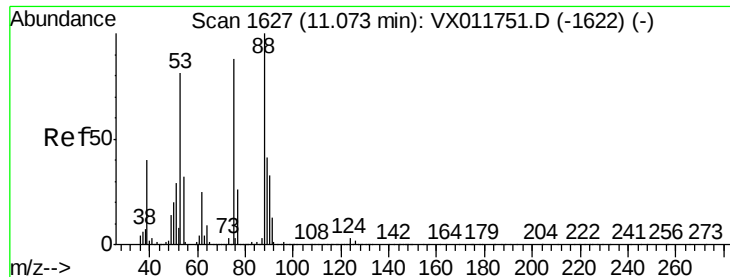
120 49.7 24.8 74.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

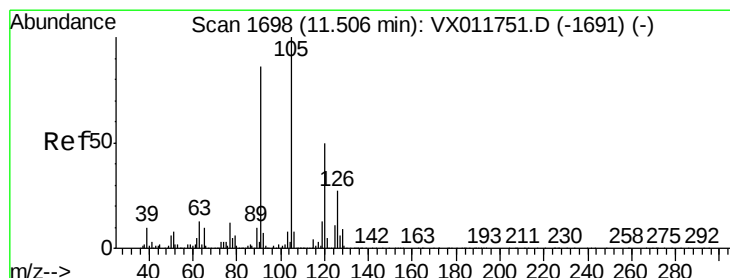
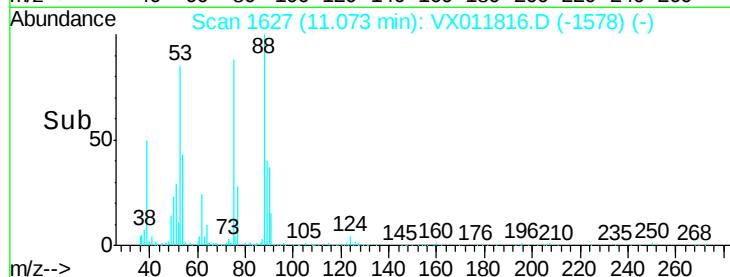
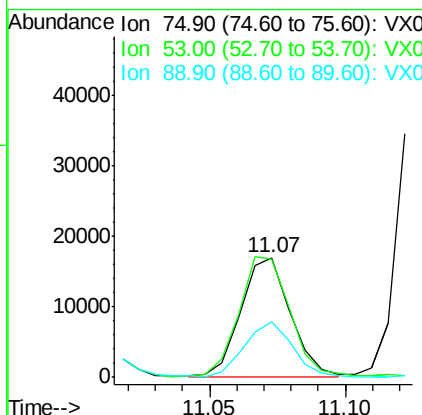
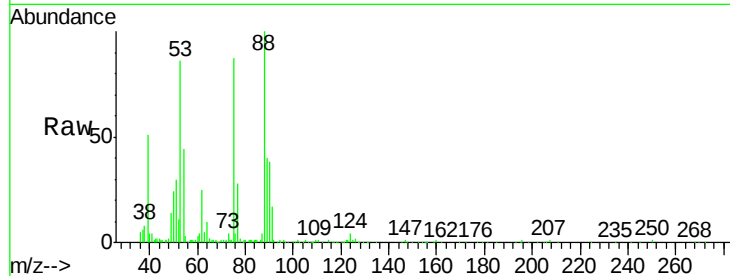




#81
trans-1,4-Dichloro-2-butene
Concen: 13.891 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX011816.D
Acq: 24 Aug 2019 14:18

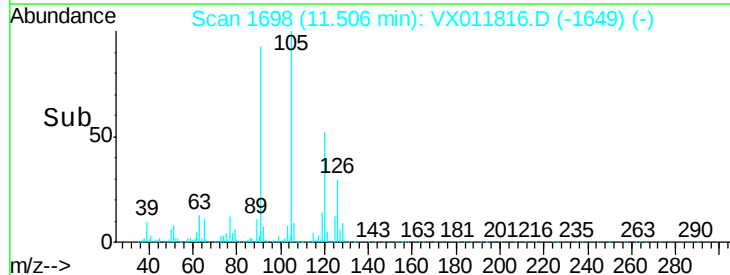
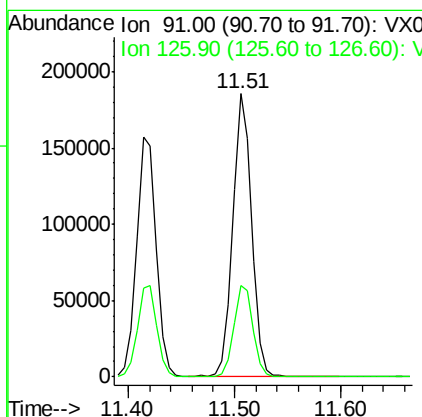
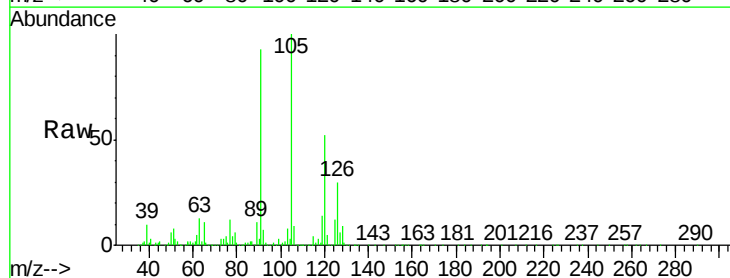
Instrument :
MSVOA_X
ClientSampleId :
VX0824WBS01

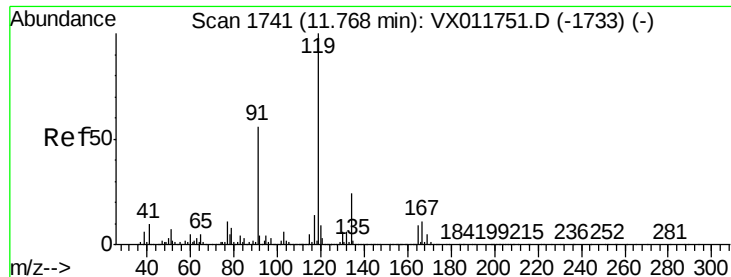
Tot Ion: 75 Resp: 21104
Ion Ratio Lower Upper
75 100
53 104.5 77.1 115.7
89 46.4 38.5 57.7



#82
4-Chlorotoluene
Concen: 19.132 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX011816.D
Acq: 24 Aug 2019 14:18

Tgt Ion: 91 Resp: 230845
Ion Ratio Lower Upper
91 100
126 32.7 16.2 48.6





#83

tert-Butylbenzene

Concen: 19.352 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX011816.D

Acq: 24 Aug 2019 14:18

Instrument :

MSVOA_X

ClientSampled :

VX0824WBS01

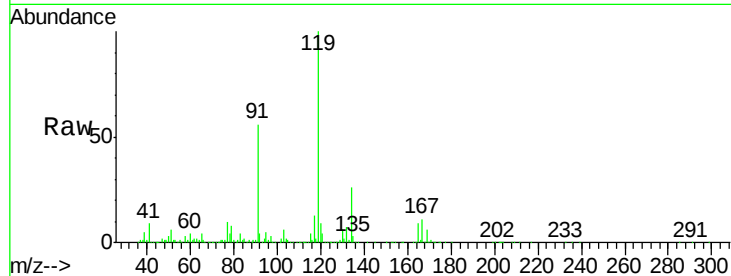
Tot Ion:119 Resp: 250673

Ion Ratio Lower Upper

119 100

91 54.9 27.7 83.1

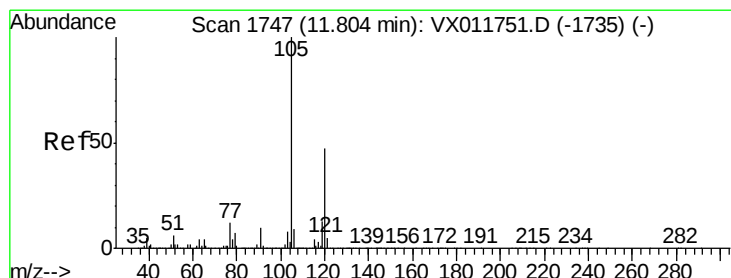
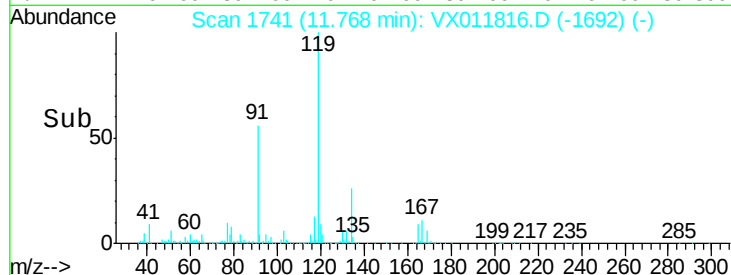
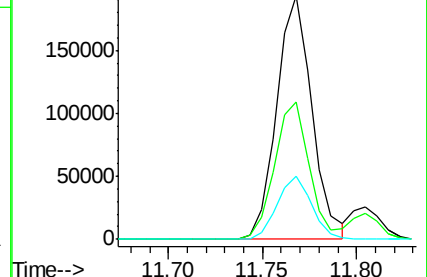
134 25.2 11.8 35.3



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 19.583 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX011816.D

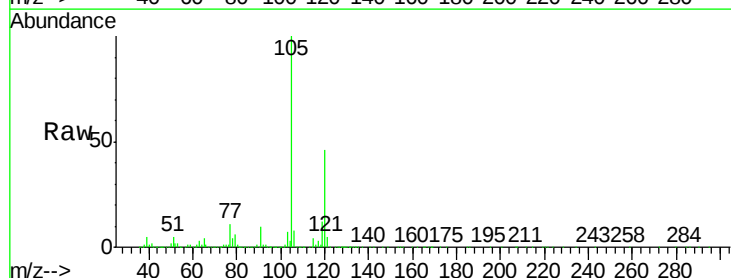
Acq: 24 Aug 2019 14:18

Tgt Ion:105 Resp: 259627

Ion Ratio Lower Upper

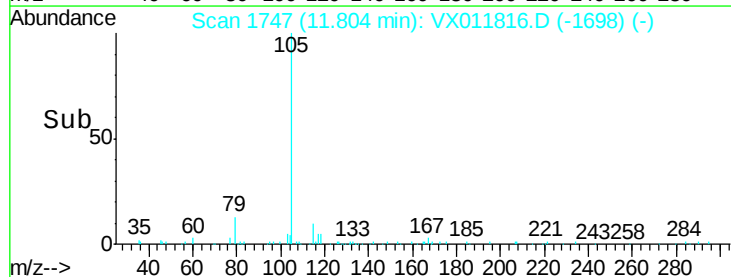
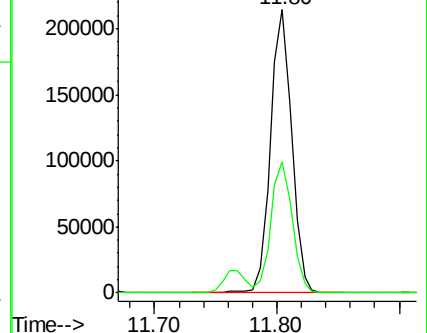
105 100

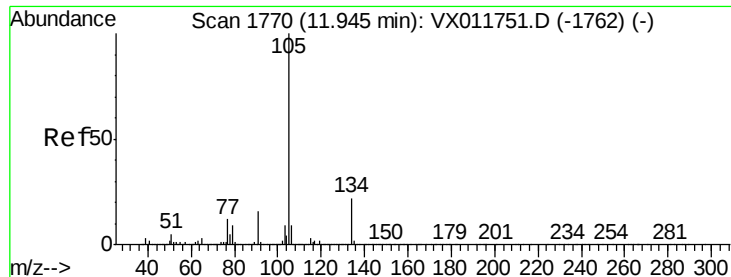
120 46.5 23.7 71.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.527 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX011816.D

Acq: 24 Aug 2019 14:18

Instrument :

MSVOA_X

ClientSampled :

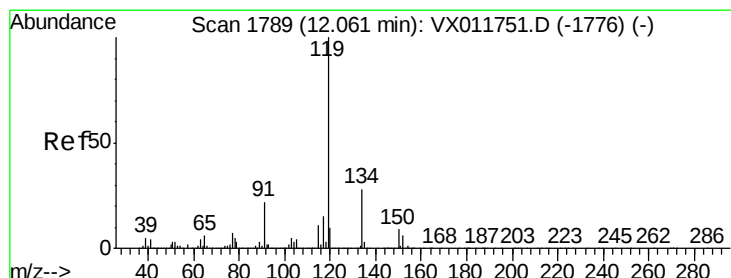
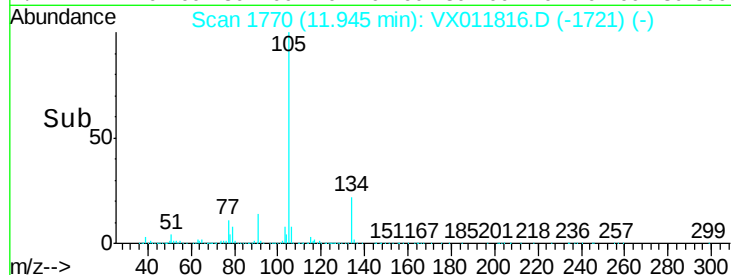
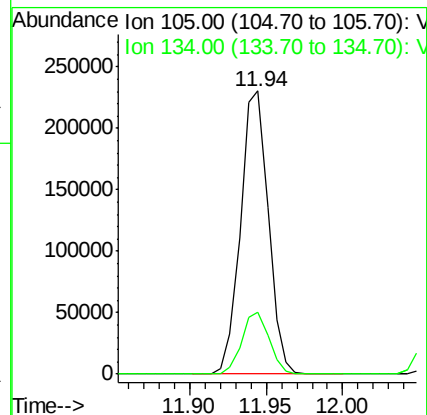
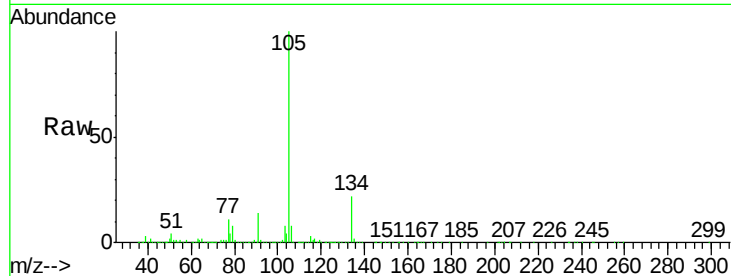
VX0824WBS01

Tot Ion:105 Resp: 289328

Ion Ratio Lower Upper

105 100

134 21.9 10.8 32.3



#86

p-Isopropyltoluene

Concen: 19.159 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX011816.D

Acq: 24 Aug 2019 14:18

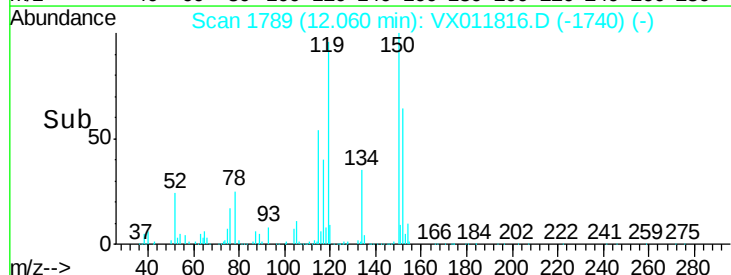
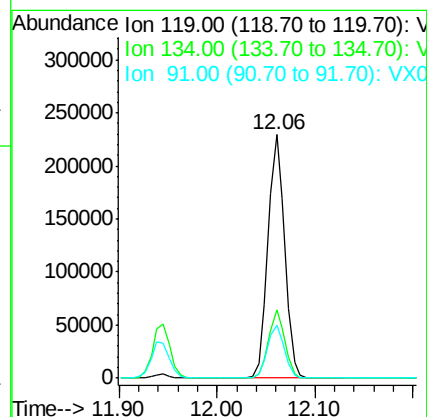
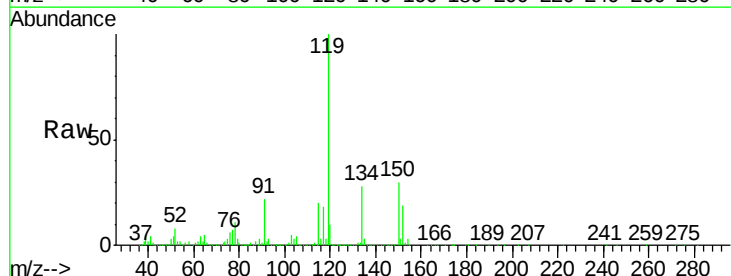
Tgt Ion:119 Resp: 273141

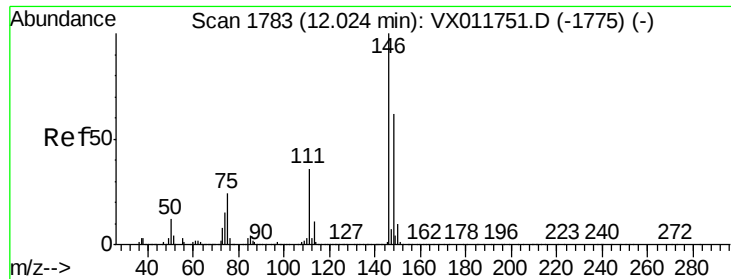
Ion Ratio Lower Upper

119 100

134 27.3 13.7 41.0

91 21.8 11.1 33.3





#87

1,3-Dichlorobenzene

Concen: 19.498 ug/l

RT: 12.02 min Scan# 1783

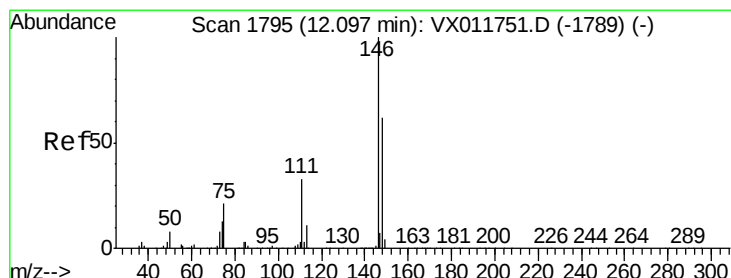
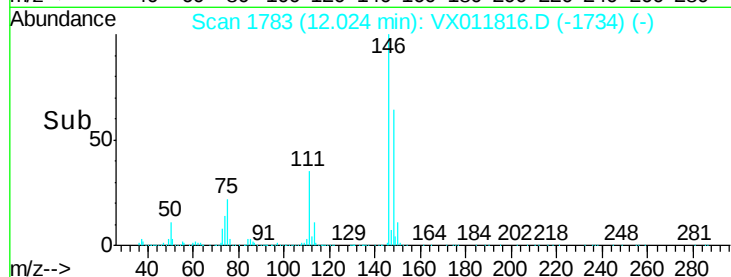
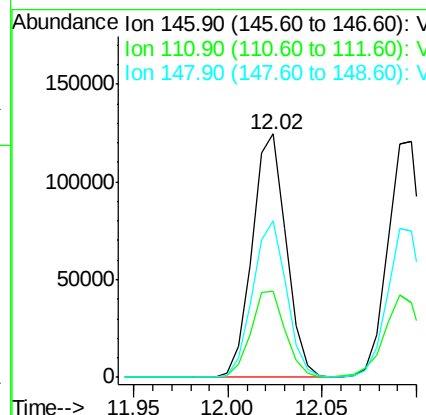
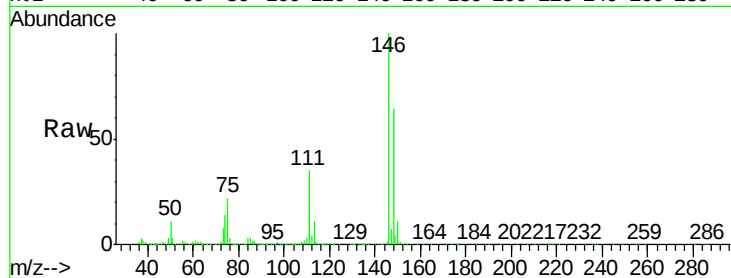
Delta R.T. -0.00 min

Lab File: VX011816.D

Acq: 24 Aug 2019 14:18

Instrument :
MSVOA_X
ClientSampleId :
VX0824WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	35.8	18.1	54.4
148	63.6	31.6	94.7



#88

1,4-Dichlorobenzene

Concen: 19.325 ug/l

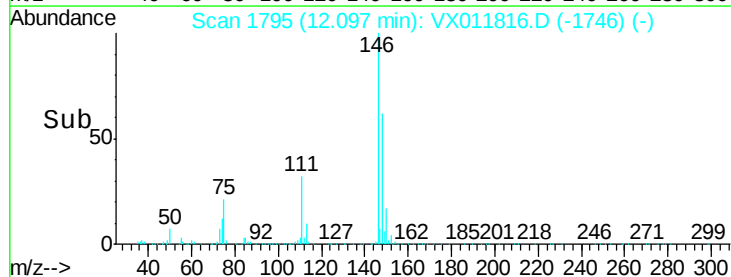
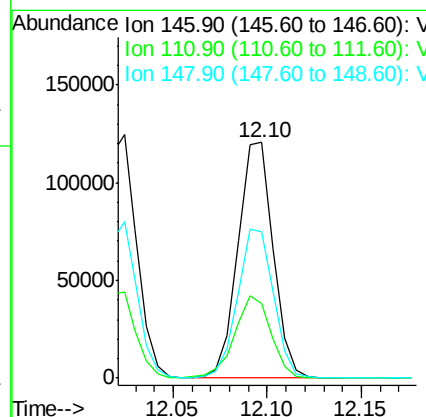
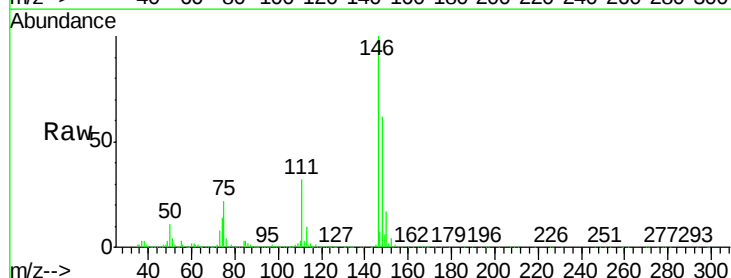
RT: 12.10 min Scan# 1795

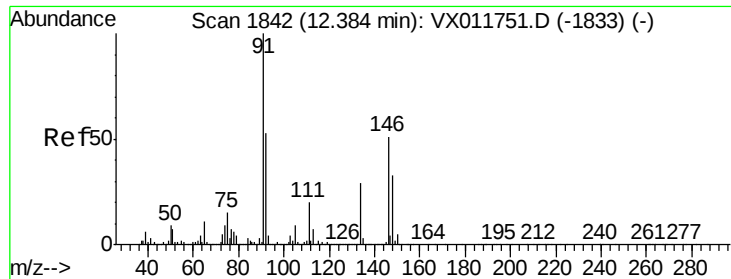
Delta R.T. -0.00 min

Lab File: VX011816.D

Acq: 24 Aug 2019 14:18

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.1	17.8	53.4
148	64.5	31.9	95.7





#89

n-Butylbenzene

Concen: 17.823 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX011816.D

Acq: 24 Aug 2019 14:18

Instrument :

MSVOA_X

ClientSampleId :

VX0824WBS01

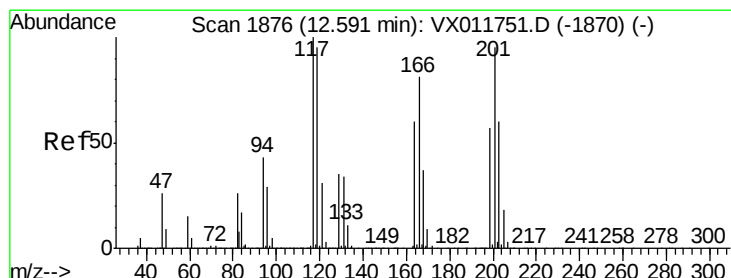
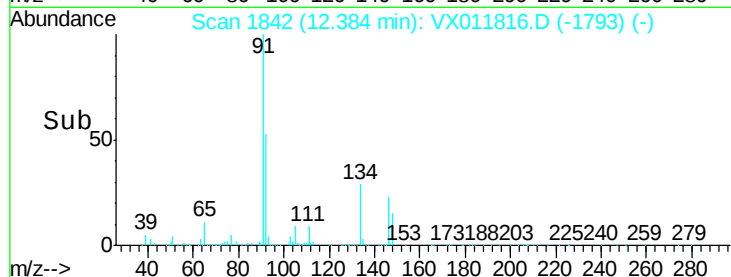
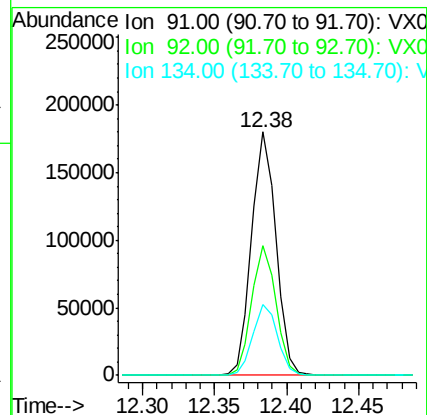
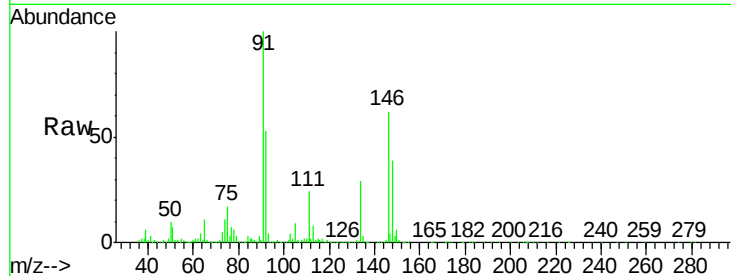
Tot Ion: 91 Resp: 210341

Ion Ratio Lower Upper

91 100

92 53.0 26.7 80.0

134 29.4 14.6 43.8



#90

Hexachloroethane

Concen: 18.832 ug/l

RT: 12.59 min Scan# 1876

Delta R.T. -0.00 min

Lab File: VX011816.D

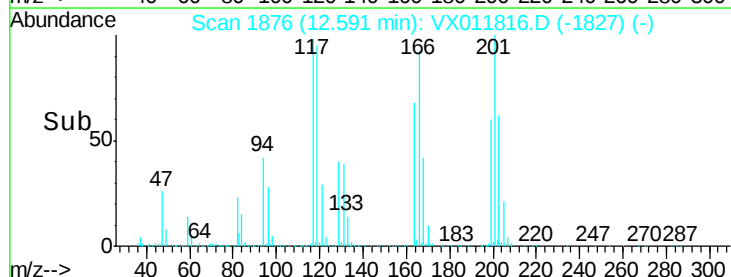
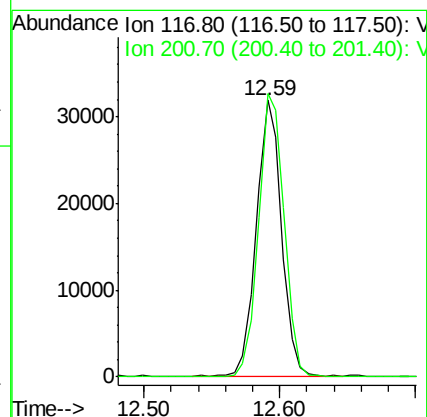
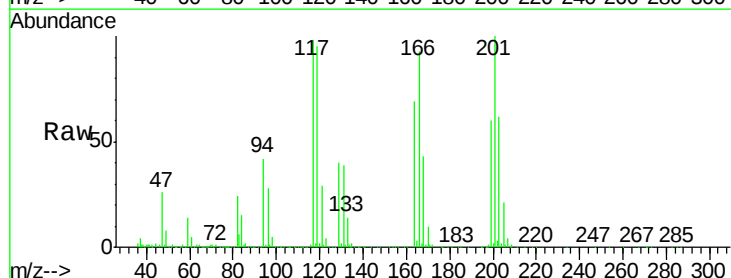
Acq: 24 Aug 2019 14:18

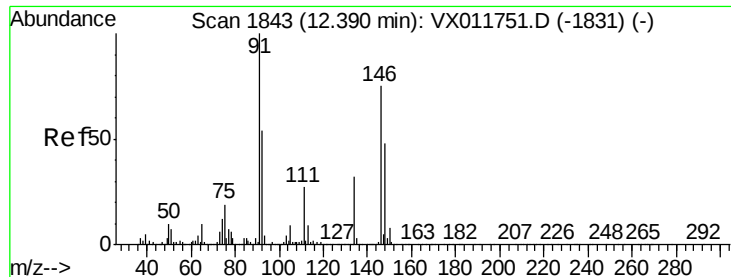
Tgt Ion: 117 Resp: 41709

Ion Ratio Lower Upper

117 100

201 103.4 49.6 149.0





#91

1,2-Dichlorobenzene

Concen: 19.379 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX011816.D

Acq: 24 Aug 2019 14:18

Instrument :

MSVOA_X

ClientSampleId :

VX0824WBS01

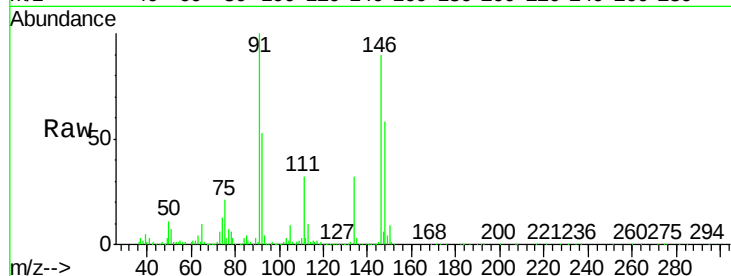
Tot Ion:146 Resp: 156142

Ion Ratio Lower Upper

146 100

111 37.5 18.8 56.4

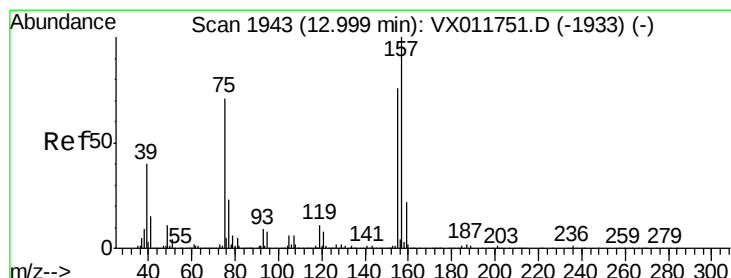
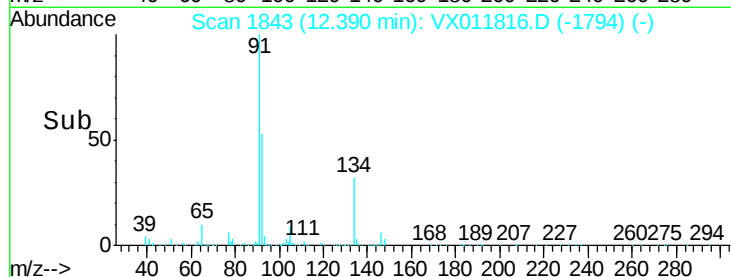
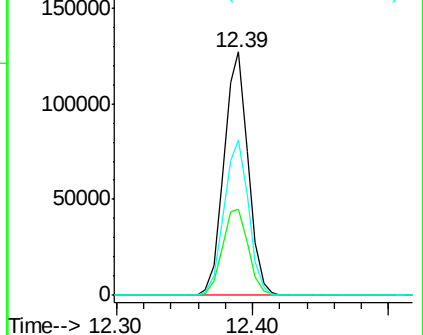
148 64.6 31.6 95.0



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: 17.754 ug/l

RT: 12.99 min Scan# 1942

Delta R.T. -0.01 min

Lab File: VX011816.D

Acq: 24 Aug 2019 14:18

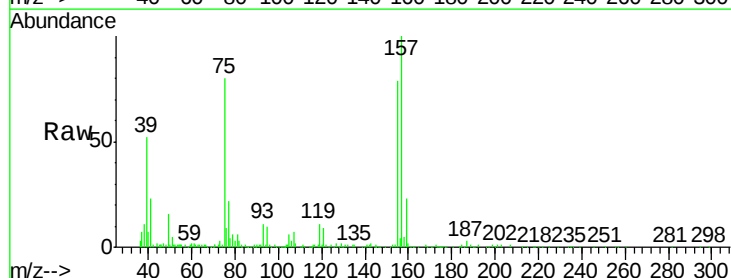
Tgt Ion: 75 Resp: 21495

Ion Ratio Lower Upper

75 100

155 110.6 52.6 157.9

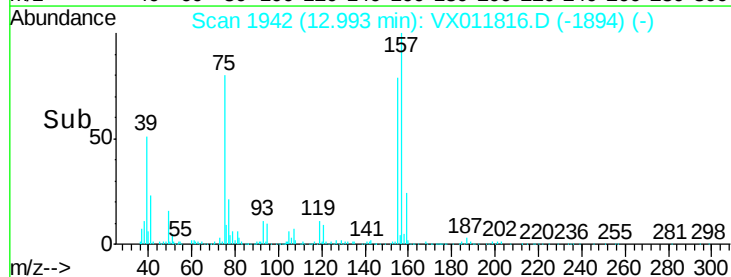
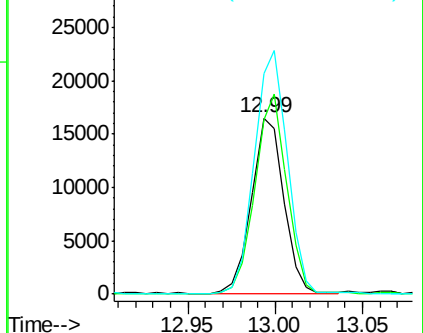
157 139.5 68.3 204.9

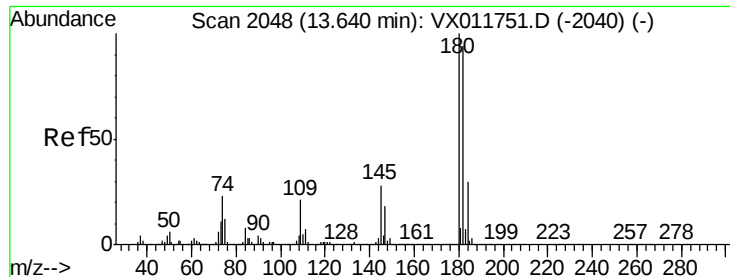


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 19.537 ug/l

RT: 13.64 min Scan# 2048

Delta R.T. -0.00 min

Lab File: VX011816.D

Acq: 24 Aug 2019 14:18

Instrument :

MSVOA_X

ClientSampleId :

VX0824WBS01

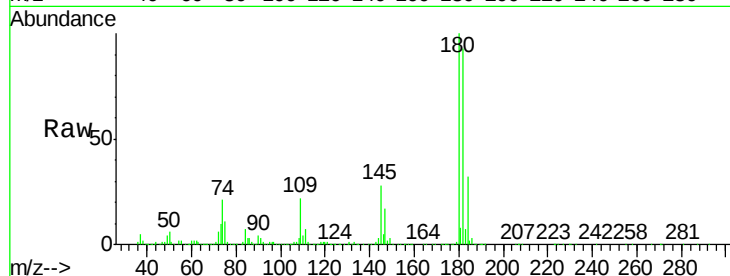
Tot Ion:180 Resp: 115789

Ion Ratio Lower Upper

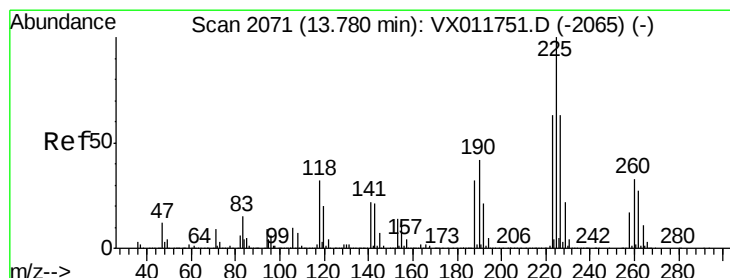
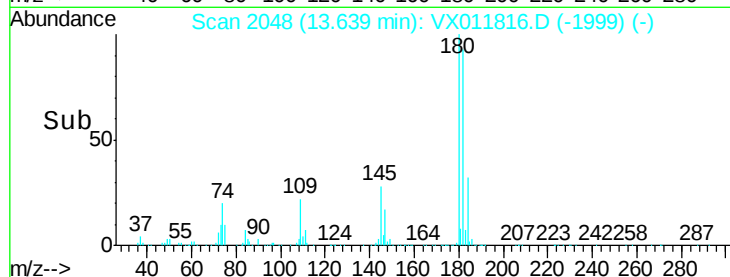
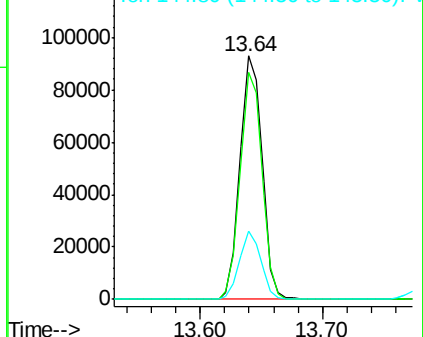
180 100

182 92.9 47.8 143.4

145 27.5 14.1 42.3



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



#94

Hexachlorobutadiene

Concen: 17.267 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. -0.00 min

Lab File: VX011816.D

Acq: 24 Aug 2019 14:18

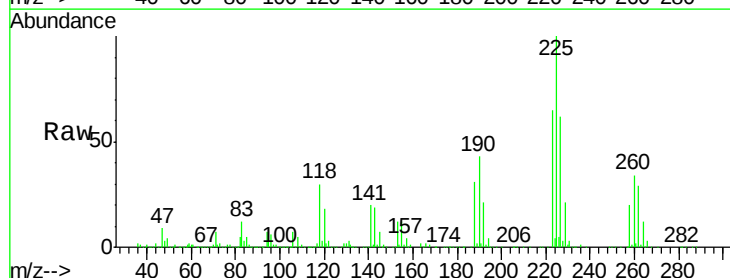
Tgt Ion:225 Resp: 56076

Ion Ratio Lower Upper

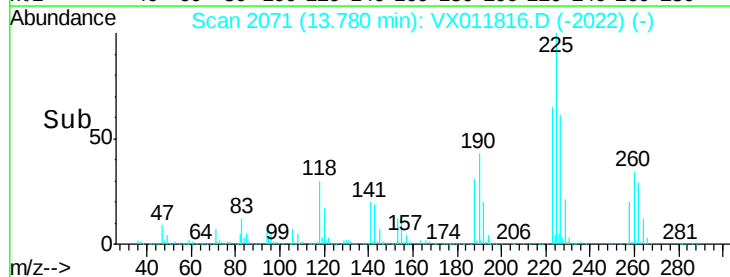
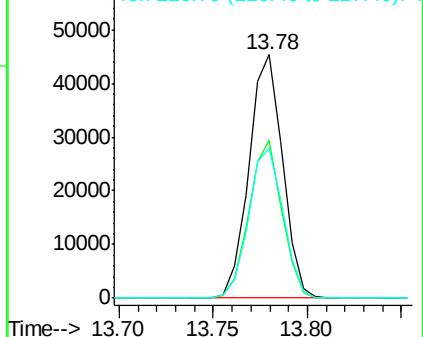
225 100

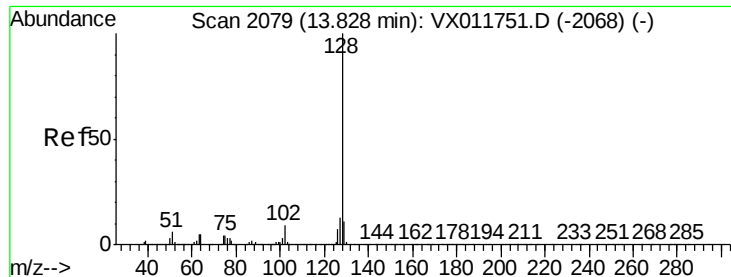
223 63.7 31.0 93.0

227 63.1 31.8 95.3



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





#95

Naphthalene

Concen: 20.931 ug/l

RT: 13.83 min Scan# 2079

Delta R.T. -0.00 min

Lab File: VX011816.D

Acq: 24 Aug 2019 14:18

Instrument :

MSVOA_X

ClientSampleId :

VX0824WBS01

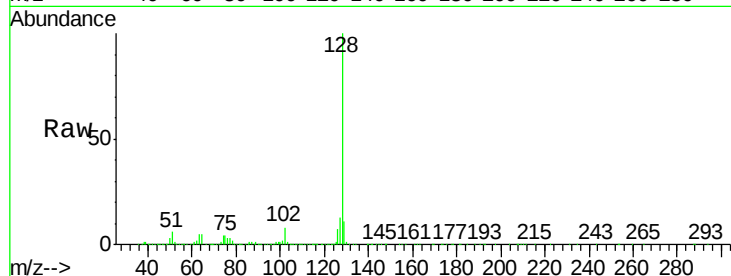
Tot Ion:128 Resp: 341655

Ion Ratio Lower Upper

128 100

127 12.7 10.4 15.6

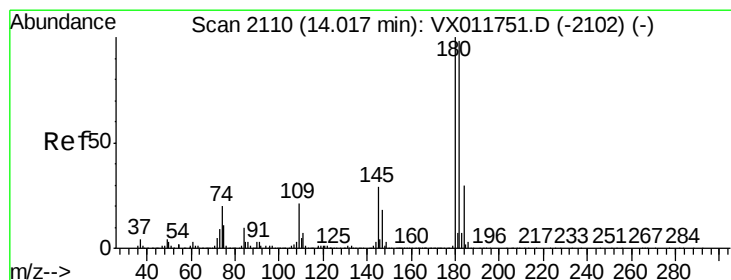
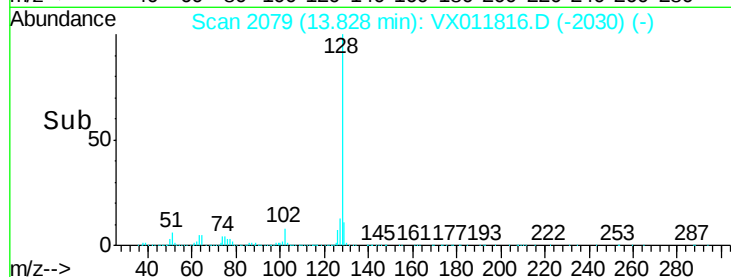
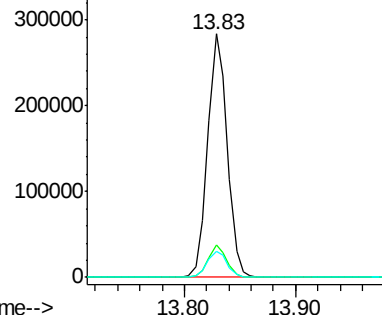
129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.259 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX011816.D

Acq: 24 Aug 2019 14:18

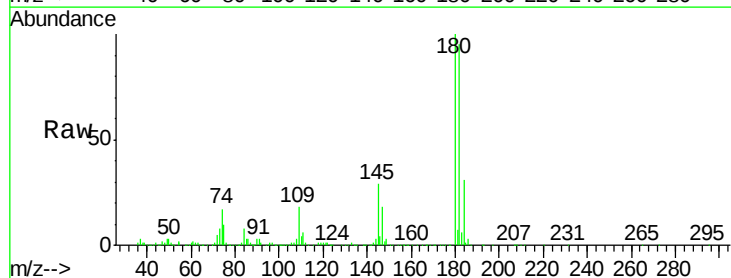
Tgt Ion:180 Resp: 120559

Ion Ratio Lower Upper

180 100

182 94.9 48.5 145.5

145 29.2 14.6 43.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

