

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX030419\
 Data File : VX007809.D
 Acq On : 04 Mar 2019 14:35
 Operator : JC/SP
 Sample : VX0304MBS01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0304MBS01

Quant Time: Mar 04 14:55:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	313194	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	463653	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	407978	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	207128	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	166766	42.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.98%	
35) Dibromofluoromethane	5.50	113	146092	47.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.28%	
50) Toluene-d8	8.71	98	542961	45.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.52%	
62) 4-Bromofluorobenzene	11.13	95	194691	44.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.40%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	47913	16.607	ug/l	98
3) Chloromethane	1.33	50	61665	19.288	ug/l	99
4) Vinyl Chloride	1.41	62	64781	19.750	ug/l	99
5) Bromomethane	1.64	94	31879	14.319	ug/l	99
6) Chloroethane	1.73	64	40243	19.203	ug/l	100
7) Trichlorofluoromethane	1.93	101	85515	17.006	ug/l	99
8) Diethyl Ether	2.19	74	40065	19.414	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.39	101	53770	17.692	ug/l	99
10) Methyl Iodide	2.51	142	77408	20.454	ug/l	97
11) Tert butyl alcohol	3.07	59	77708	105.571	ug/l	99
12) 1,1-Dichloroethene	2.38	96	51926	18.954	ug/l	97
13) Acrolein	2.30	56	72959	111.544	ug/l	99
14) Allyl chloride	2.73	41	107845	21.290	ug/l	91
15) Acrylonitrile	3.15	53	183868	106.147	ug/l	100
16) Acetone	2.45	43	158048	91.611	ug/l	98
17) Carbon Disulfide	2.57	76	143364	18.810	ug/l	100
18) Methyl Acetate	2.78	43	88273	23.448	ug/l	96
19) Methyl tert-butyl Ether	3.21	73	195828	20.527	ug/l	99
20) Methylene Chloride	2.86	84	59762	18.760	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	56277	18.896	ug/l	92
22) Diisopropyl ether	3.87	45	214991	20.388	ug/l	97
23) Vinyl Acetate	3.82	43	919653	99.404	ug/l	98
24) 1,1-Dichloroethane	3.70	63	112313	19.598	ug/l	100
25) 2-Butanone	4.70	43	264330	100.585	ug/l	95
26) 2,2-Dichloropropane	4.59	77	76351	16.690	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	67151	17.720	ug/l	93
28) Bromochloromethane	5.02	49	53372	19.130	ug/l	86
29) Tetrahydrofuran	5.15	42	173648	100.243	ug/l	94
30) Chloroform	5.21	83	107081	17.443	ug/l	98
31) Cyclohexane	5.57	56	100345	18.614	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	89129	17.556	ug/l	99
36) 1,1-Dichloropropene	5.80	75	79302	19.025	ug/l	98
37) Ethyl Acetate	4.85	43	97713	21.102	ug/l	99
38) Carbon Tetrachloride	5.78	117	75670	18.072	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	95853	18.194	ug/l	96
40) Benzene	6.15	78	251799	19.568	ug/l	99
41) Methacrylonitrile	5.06	41	56128	22.700	ug/l	95
42) 1,2-Dichloroethane	6.20	62	83445	19.294	ug/l	98
43) Isopropyl Acetate	6.46	43	152246	21.363	ug/l	98
44) Trichloroethene	7.21	130	68414	19.327	ug/l	95
45) 1,2-Dichloropropane	7.52	63	68373	20.513	ug/l	100
46) Dibromomethane	7.66	93	41915	18.025	ug/l	97
47) Bromodichloromethane	7.90	83	77023	19.113	ug/l	99
48) Methyl methacrylate	7.77	41	78814	21.098	ug/l	92
49) 1,4-Dioxane	7.75	88	31766	393.718	ug/l	94
51) 4-Methyl-2-Pentanone	8.65	43	497023	104.191	ug/l	99
52) Toluene	8.79	92	154723	19.068	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	84736	18.768	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	97008	19.837	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	64272	18.995	ug/l	98
56) Ethyl methacrylate	9.18	69	99000	20.575	ug/l	94
57) 1,3-Dichloropropane	9.37	76	108891	20.104	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	271400	102.282	ug/l	98
59) 2-Hexanone	9.49	43	377384	100.767	ug/l	99
60) Dibromochloromethane	9.58	129	63728	19.573	ug/l	98
61) 1,2-Dibromoethane	9.67	107	68025	19.363	ug/l	100
64) Tetrachloroethene	9.34	164	67981	20.525	ug/l	97
65) Chlorobenzene	10.14	112	171749	19.464	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	62186	20.204	ug/l	99
67) Ethyl Benzene	10.25	91	287544	19.672	ug/l	99
68) m/p-Xylenes	10.36	106	221175	38.895	ug/l	98
69) o-Xylene	10.70	106	108391	19.817	ug/l	96
70) Styrene	10.71	104	177251	19.715	ug/l	100
71) Bromoform	10.86	173	50357	21.818	ug/l #	100
73) Isopropylbenzene	11.02	105	291215	19.672	ug/l	99
74) N-amyl acetate	10.90	43	130424	20.288	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	96332	18.814	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	109569	24.817	ug/l	80
77) Bromobenzene	11.26	156	78365	21.105	ug/l	96
78) n-propylbenzene	11.36	91	322958	19.306	ug/l	98
79) 2-Chlorotoluene	11.42	91	192448	19.106	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	237408	19.497	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	26970	18.394	ug/l	96
82) 4-Chlorotoluene	11.51	91	220628	18.724	ug/l	98
83) tert-Butylbenzene	11.77	119	235645	20.155	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	248161	19.923	ug/l	98
85) sec-Butylbenzene	11.94	105	284909	19.447	ug/l	99
86) p-Isopropyltoluene	12.06	119	254737	19.854	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	136932	19.881	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	137105	19.437	ug/l	99
89) n-Butylbenzene	12.38	91	214073	18.708	ug/l	99
90) Hexachloroethane	12.60	117	38741	17.920	ug/l	91
91) 1,2-Dichlorobenzene	12.39	146	137320	19.927	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	20033	17.957	ug/l	96

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Tue Feb 26 01:53:13 2019
Response via : Initial Calibration

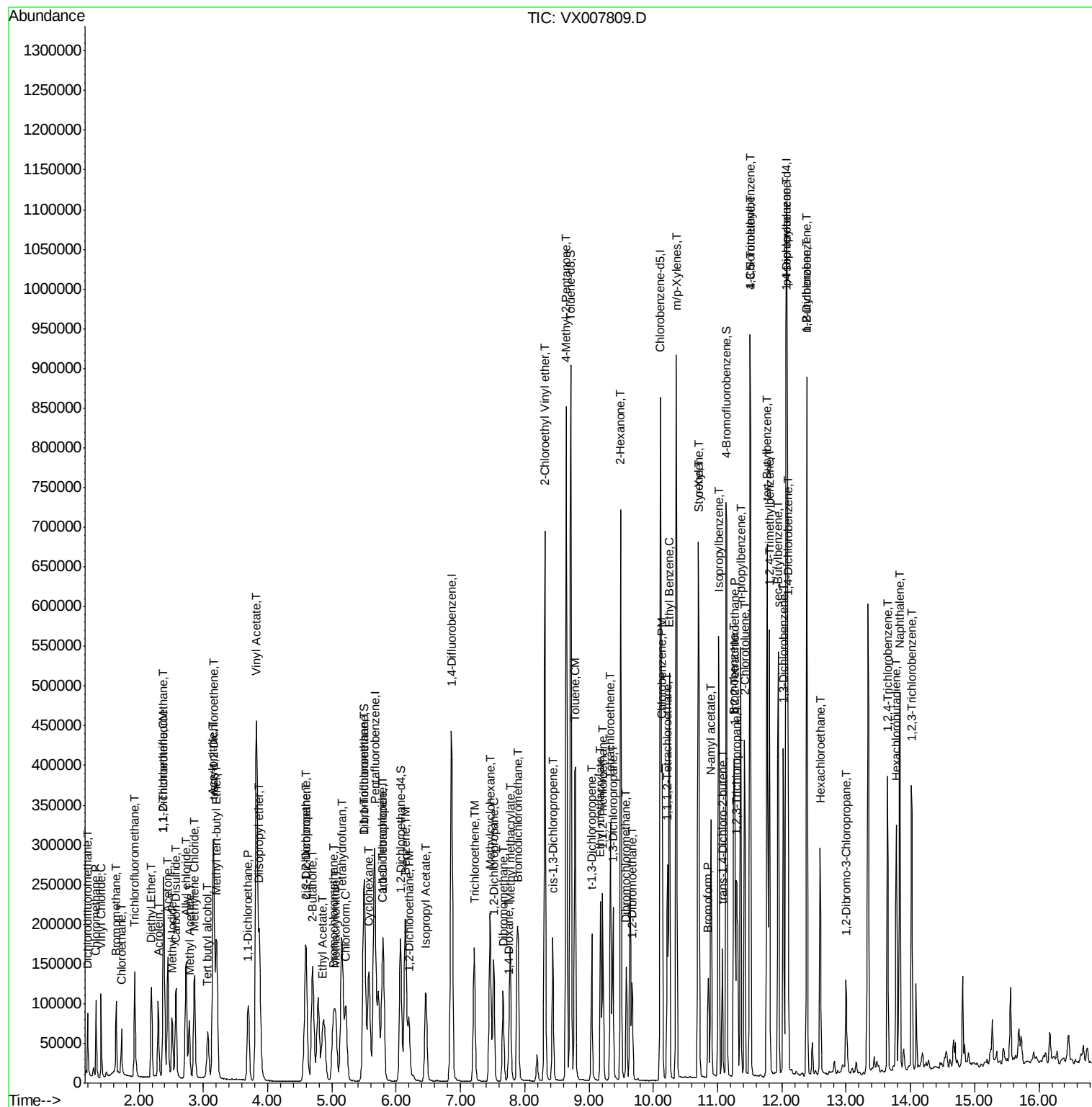
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	96786	23.009	ug/l	99
94) Hexachlorobutadiene	13.78	225	49752	25.854	ug/l	99
95) Naphthalene	13.83	128	300953	22.083	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	97631	23.115	ug/l	99

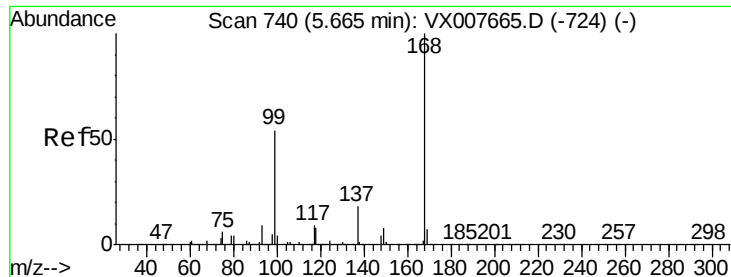
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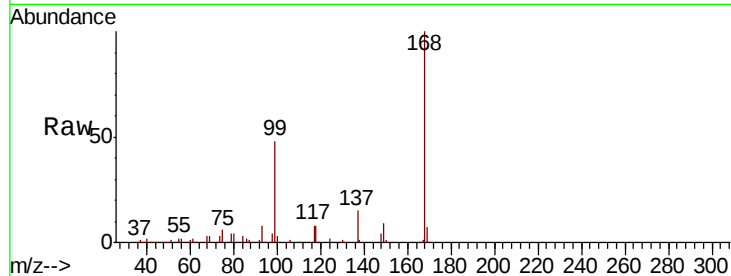


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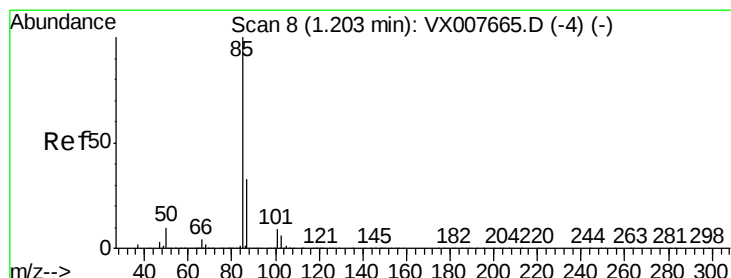
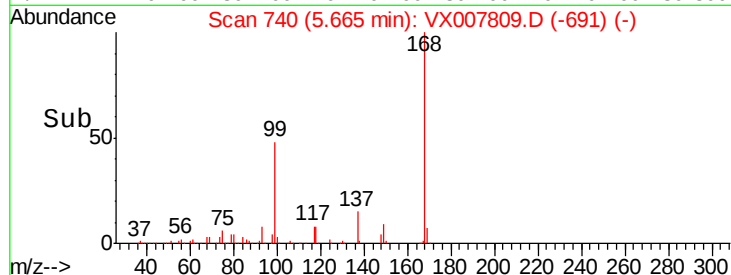
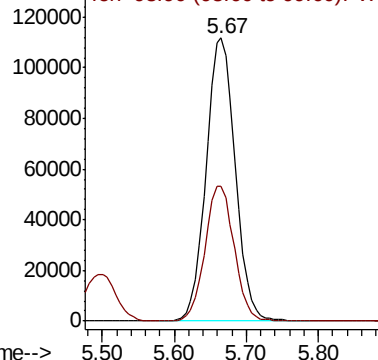
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.00 min
 Lab File: VX007809.D
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 MSVOA_X
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 VX0304MBS01

Tgt Ion:168 Resp: 313194
 Ion Ratio Lower Upper
 168 100
 99 47.7 37.9 56.9



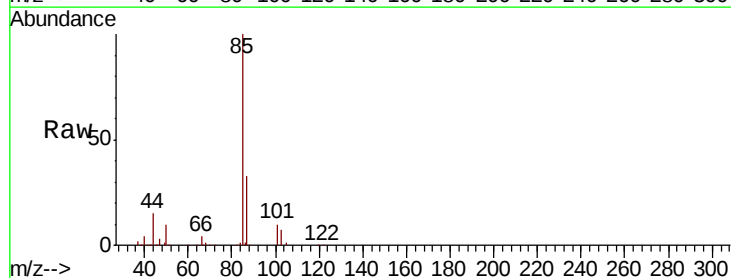
Abundance Ion 167.90 (167.60 to 168.60): V
 Ion 98.90 (98.60 to 99.60): VX0



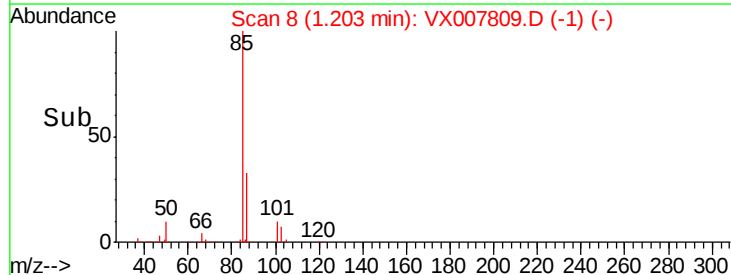
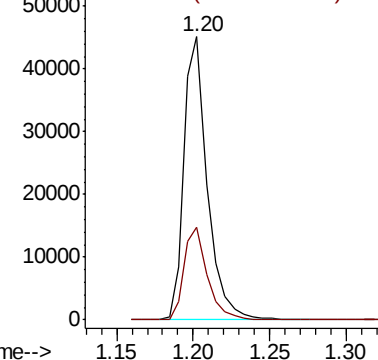
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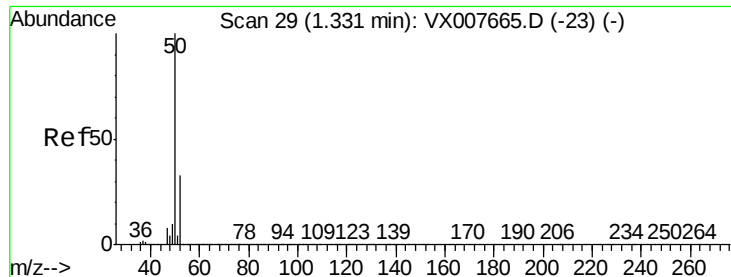
Dichlorodifluoromethane
 Concen: 16.607 ug/l
 RT: 1.20 min Scan# 8
 Delta R.T. -0.00 min
 Lab File: VX007809.D
 Acq: 04 Mar 2019 14:35

Tgt Ion: 85 Resp: 47913
 Ion Ratio Lower Upper
 85 100
 87 32.7 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0
 Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 19.288 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007809.D

Acq: 04 Mar 2019 14:35

Instrument :

MSVOA_X

ClientSampleId :

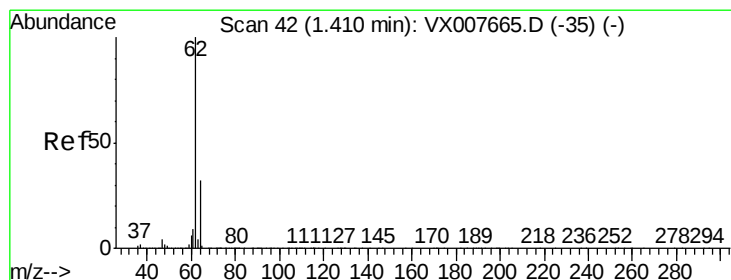
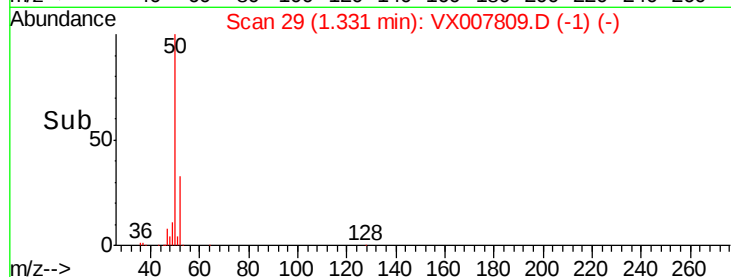
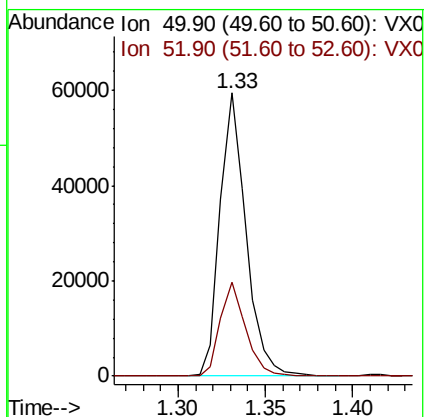
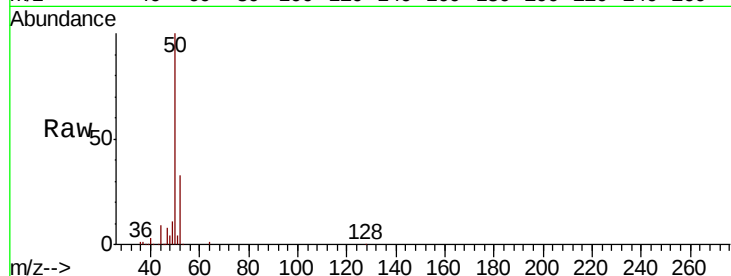
VX0304MBS01

Tgt Ion: 50 Resp: 61665

Ion Ratio Lower Upper

50 100

52 33.0 26.1 39.1



#4

Vinyl Chloride

Concen: 19.750 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007809.D

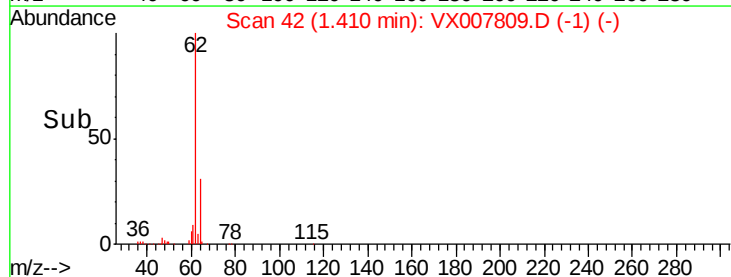
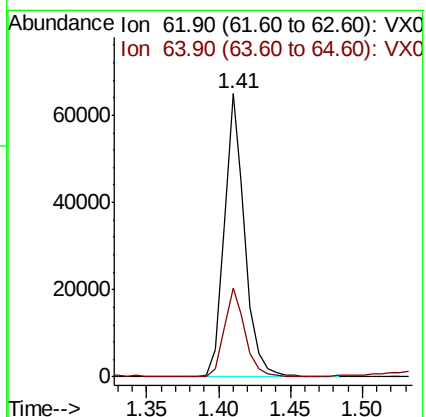
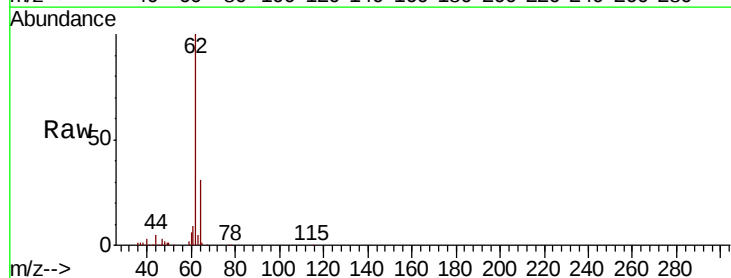
Acq: 04 Mar 2019 14:35

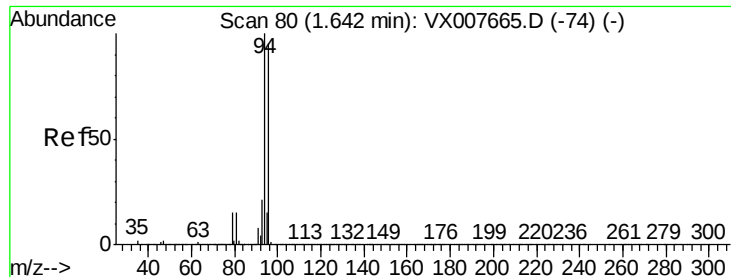
Tgt Ion: 62 Resp: 64781

Ion Ratio Lower Upper

62 100

64 31.1 25.4 38.0





#5

Bromomethane

Concen: 14.319 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007809.D

Acq: 04 Mar 2019 14:35

Instrument :

MSVOA_X

ClientSampleId :

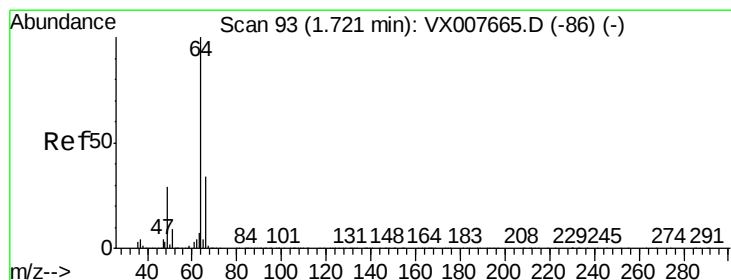
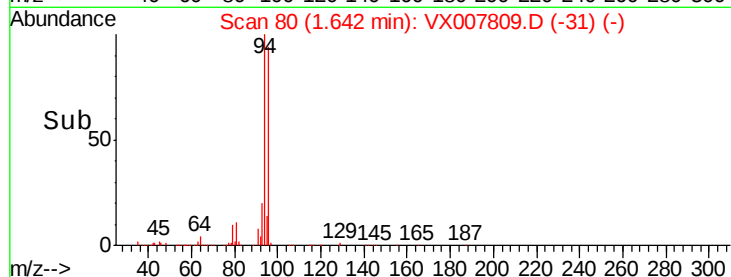
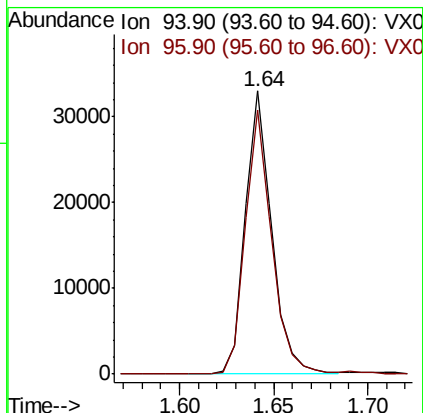
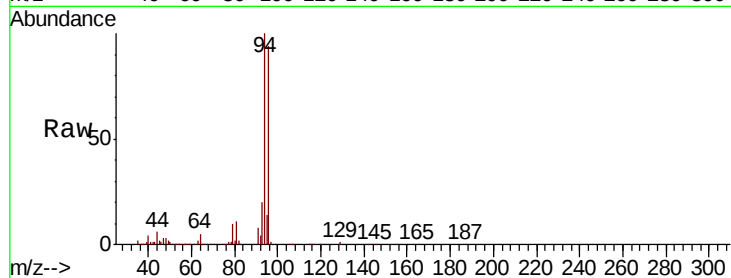
VX0304MBS01

Tgt Ion: 94 Resp: 31879

Ion Ratio Lower Upper

94 100

96 93.7 73.9 110.9



#6

Chloroethane

Concen: 19.203 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX007809.D

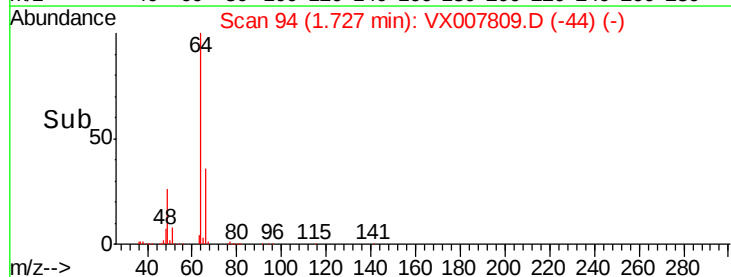
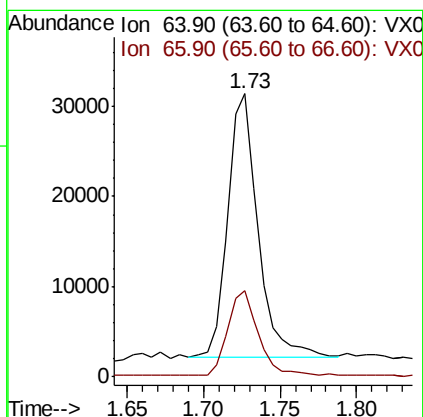
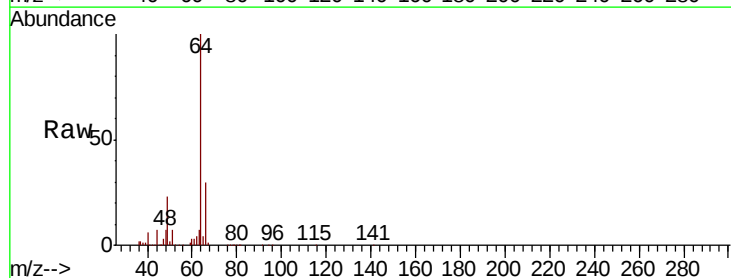
Acq: 04 Mar 2019 14:35

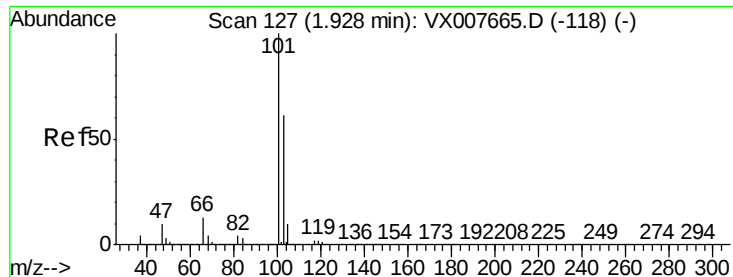
Tgt Ion: 64 Resp: 40243

Ion Ratio Lower Upper

64 100

66 32.1 25.5 38.3



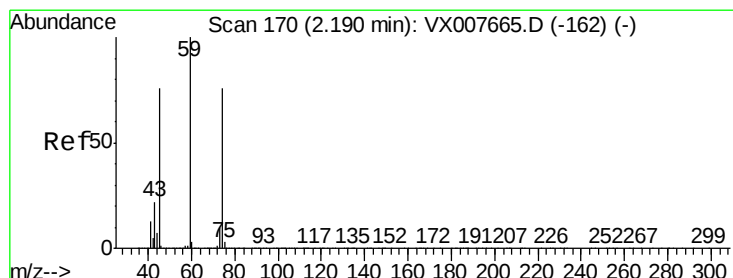
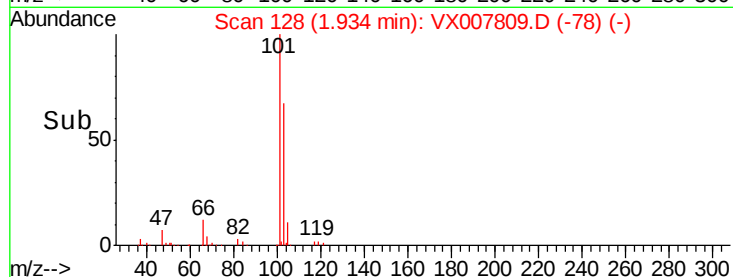
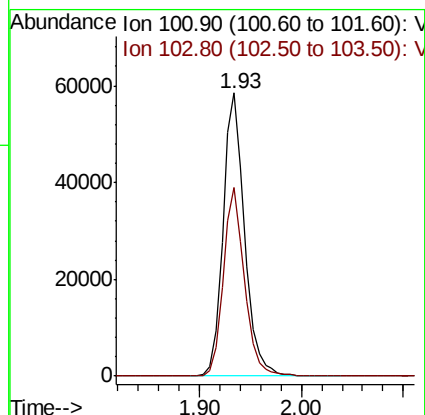
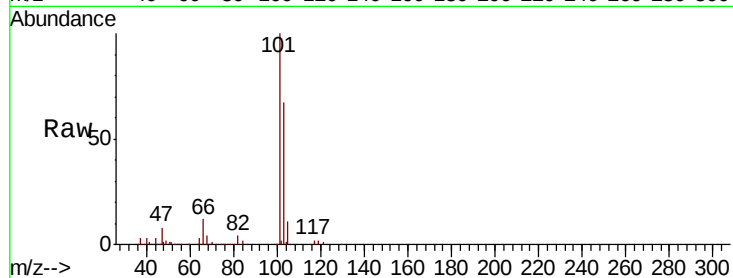


#7

Trichlorofluoromethane
Concen: 17.006 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX007809.D
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Instrument :
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ClientSampleId :
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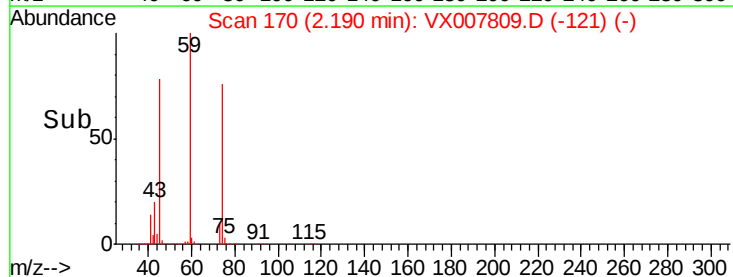
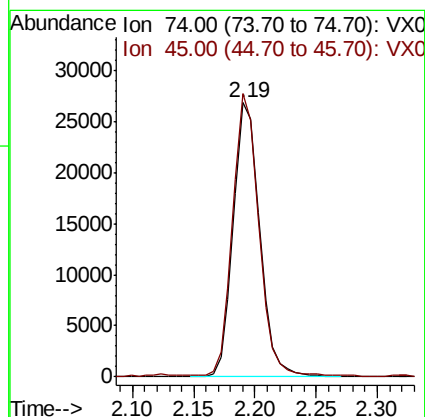
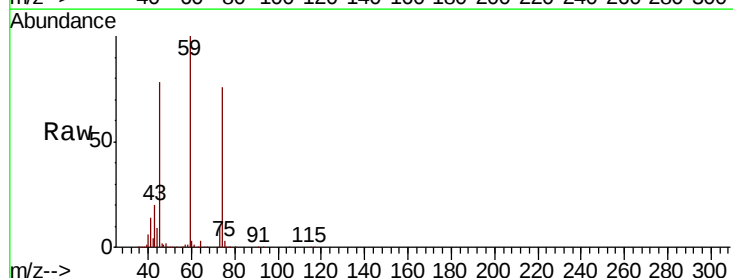
Tgt Ion:101 Resp: 85515
Ion Ratio Lower Upper
101 100
103 66.6 52.6 79.0



#8

Diethyl Ether
Concen: 19.414 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX007809.D
Acq: 04 Mar 2019 14:35

Tgt Ion: 74 Resp: 40065
Ion Ratio Lower Upper
74 100
45 101.6 45.7 137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.692 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX007809.D

Acq: 04 Mar 2019 14:35

Instrument :

MSVOA_X

ClientSampleId :

VX0304MBS01

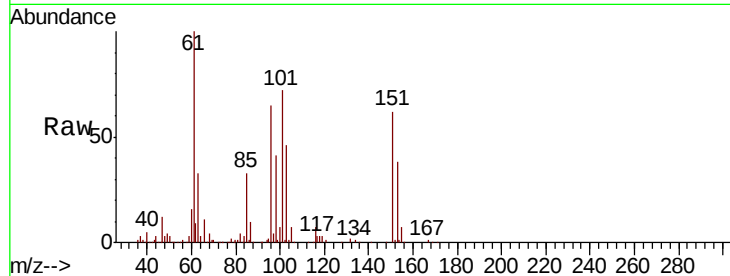
Tgt Ion:101 Resp: 53770

Ion Ratio Lower Upper

101 100

85 42.5 34.1 51.1

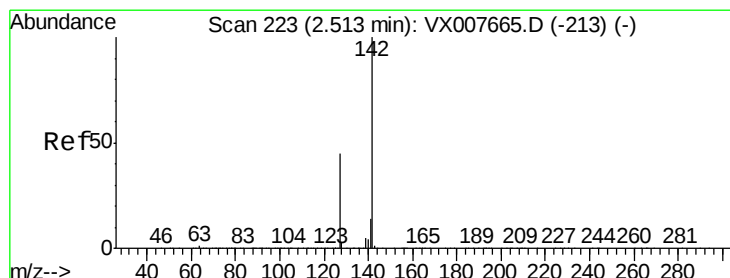
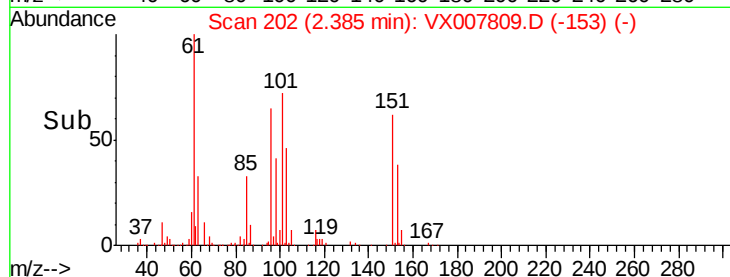
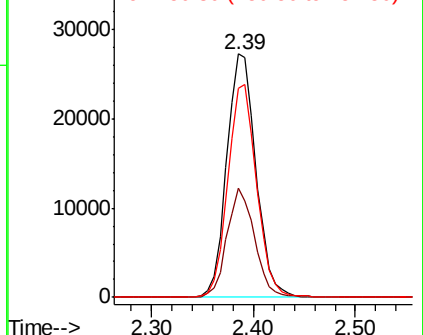
151 86.1 69.9 104.9



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: 20.454 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX007809.D

Acq: 04 Mar 2019 14:35

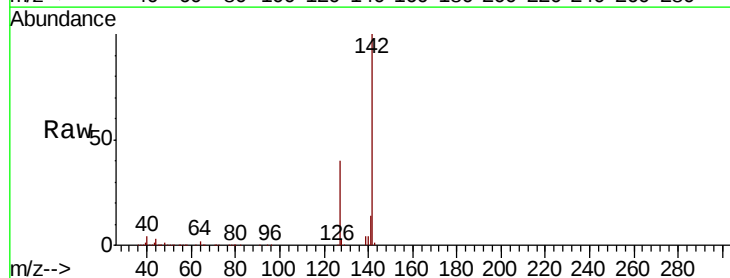
Tgt Ion:142 Resp: 77408

Ion Ratio Lower Upper

142 100

127 40.1 33.7 50.5

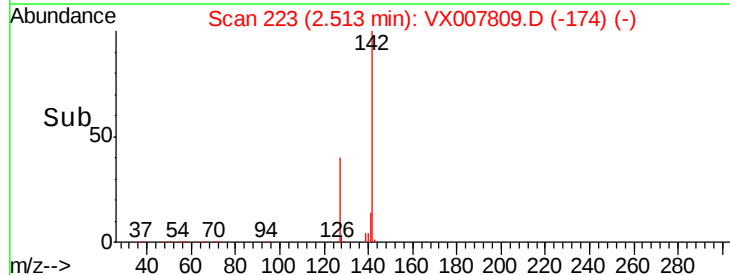
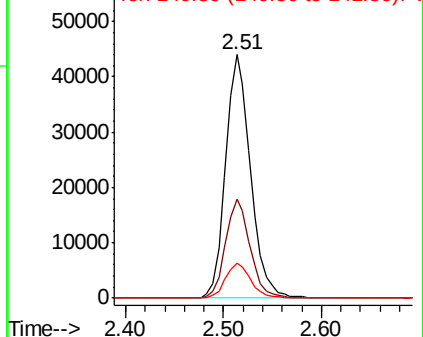
141 14.6 11.3 16.9



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

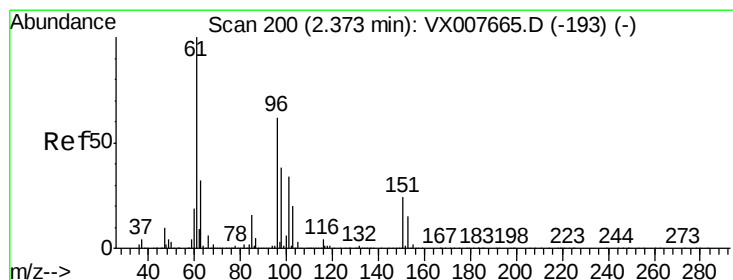
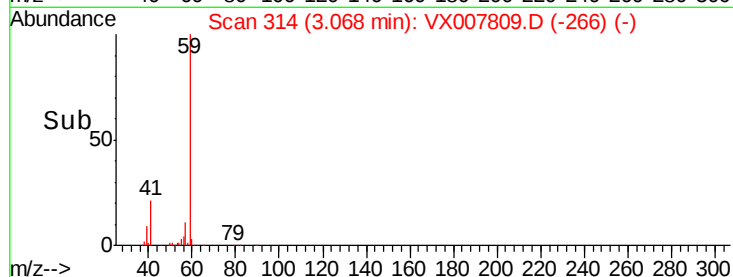
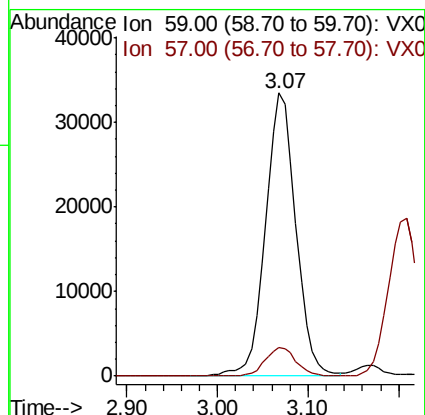
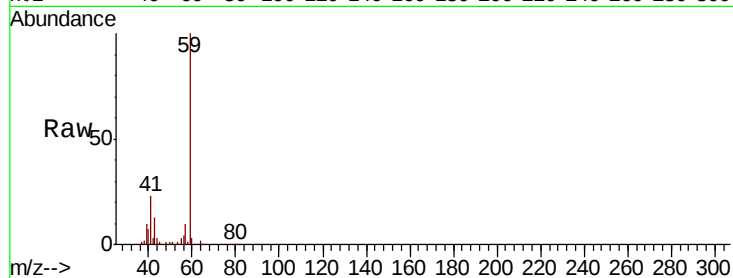




#11
Tert butyl alcohol
Concen: 105.571 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX007809.D
Acq: 04 Mar 2019 14:35

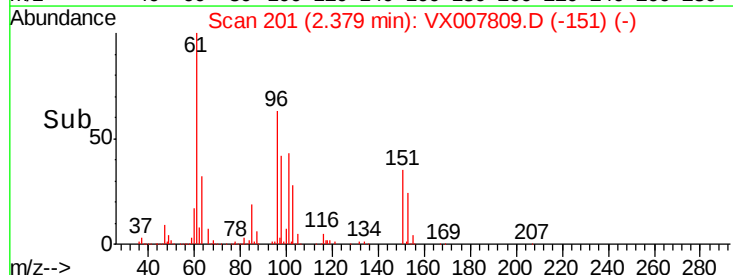
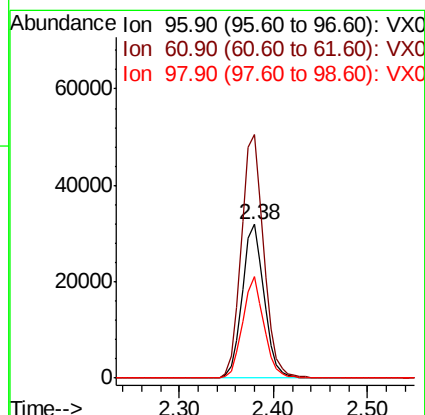
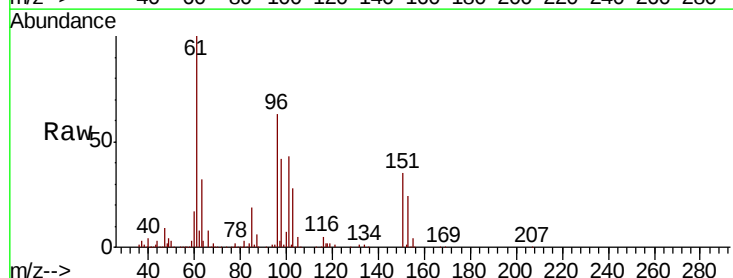
Instrument :
MSVOA_X
ClientSampleId :
VX0304MBS01

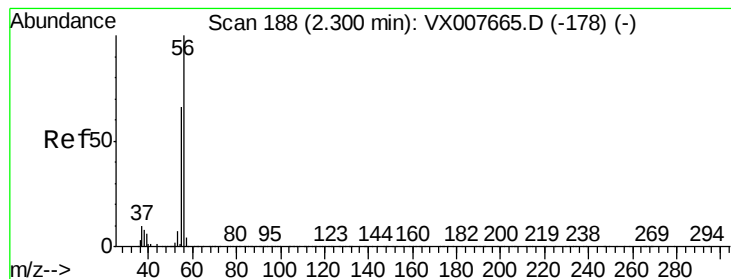
Tgt Ion: 59 Resp: 77708
Ion Ratio Lower Upper
59 100
57 10.3 8.1 12.1



#12
1,1-Dichloroethene
Concen: 18.954 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX007809.D
Acq: 04 Mar 2019 14:35

Tgt Ion: 96 Resp: 51926
Ion Ratio Lower Upper
96 100
61 158.1 123.0 184.4
98 66.3 50.9 76.3





#13

Acrolein

Concen: 111.544 ug/l

RT: 2.30 min Scan# 188

Delta R.T. -0.00 min

Lab File: VX007809.D

Acq: 04 Mar 2019 14:35

Instrument :

MSVOA_X

ClientSampleId :

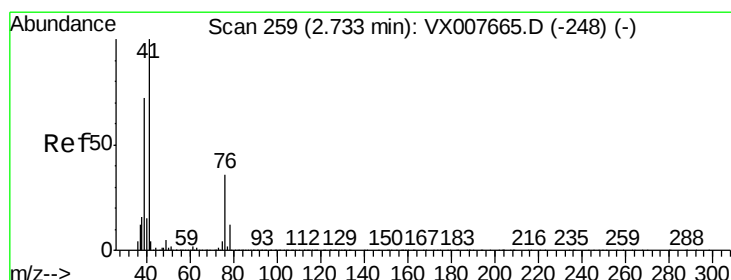
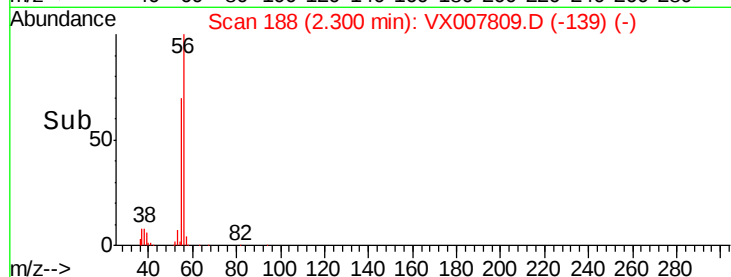
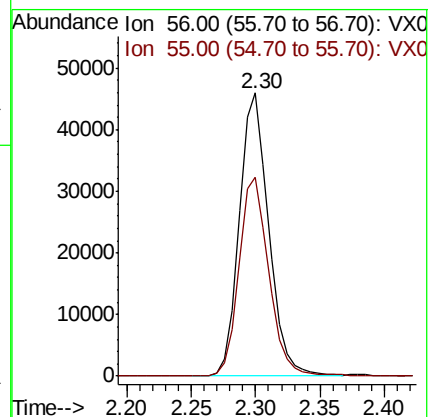
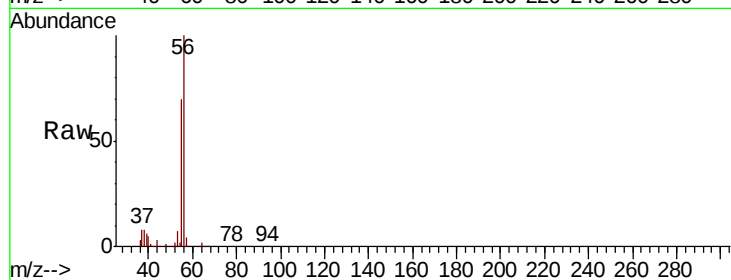
VX0304MBS01

Tgt Ion: 56 Resp: 72959

Ion Ratio Lower Upper

56 100

55 70.6 56.9 85.3



#14

Allyl chloride

Concen: 21.290 ug/l

RT: 2.73 min Scan# 259

Delta R.T. -0.00 min

Lab File: VX007809.D

Acq: 04 Mar 2019 14:35

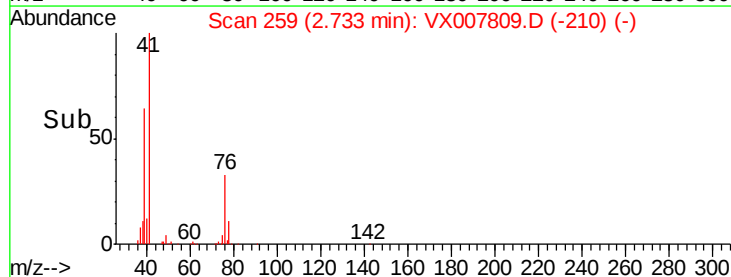
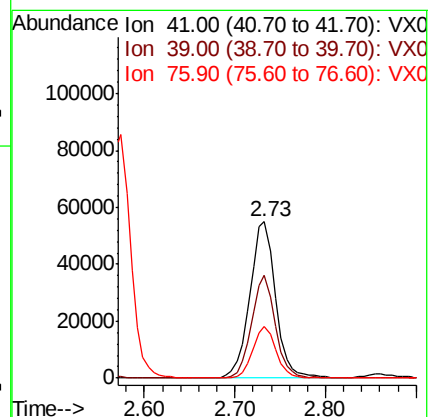
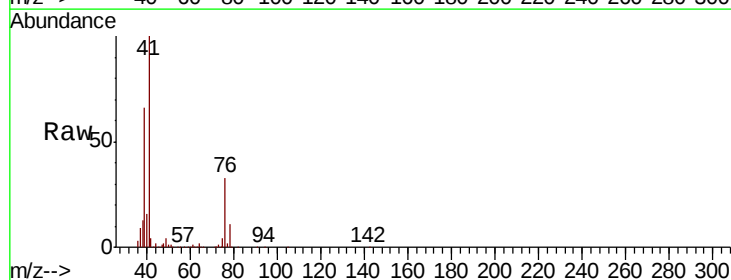
Tgt Ion: 41 Resp: 107845

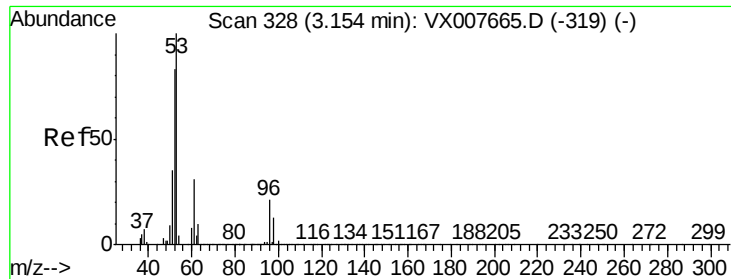
Ion Ratio Lower Upper

41 100

39 60.0 54.1 81.1

76 30.2 27.8 41.8





#15

Acrylonitrile

Concen: 106.147 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX007809.D

Acq: 04 Mar 2019 14:35

Instrument :

MSVOA_X

ClientSampleId :

VX0304MBS01

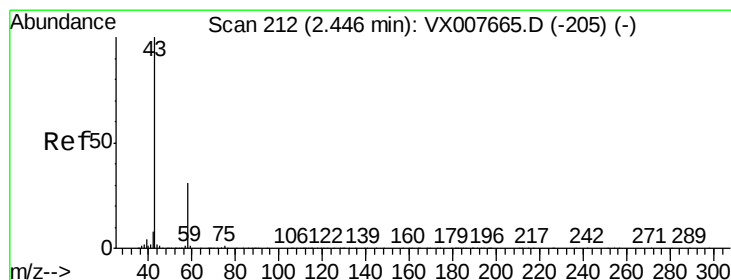
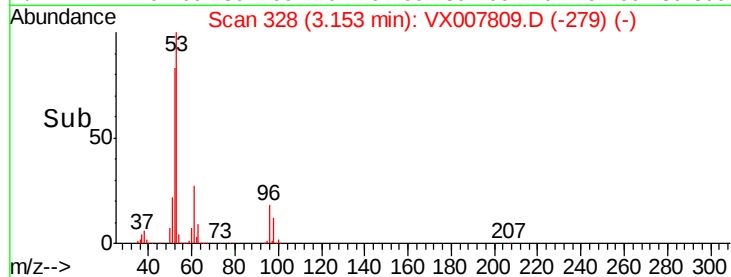
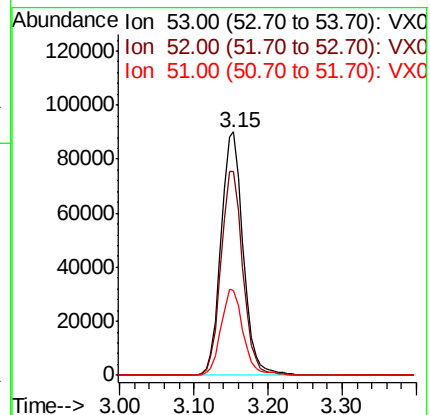
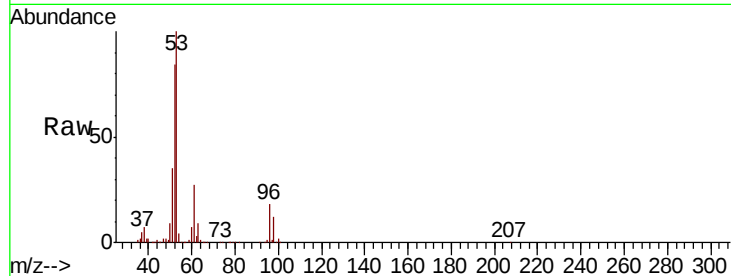
Tgt Ion: 53 Resp: 183868

Ion Ratio Lower Upper

53 100

52 83.3 66.4 99.6

51 35.6 28.4 42.6



#16

Acetone

Concen: 91.611 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007809.D

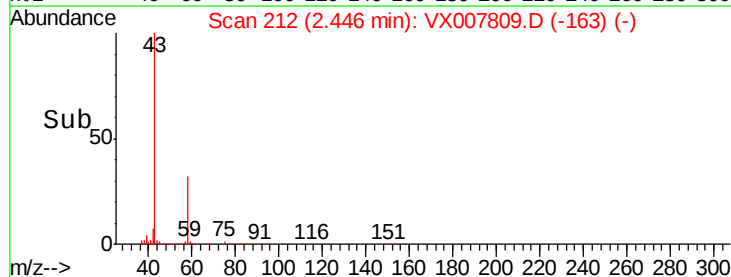
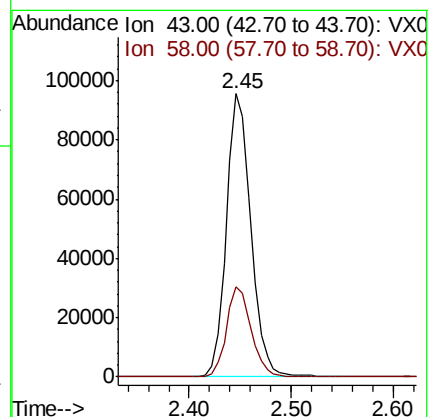
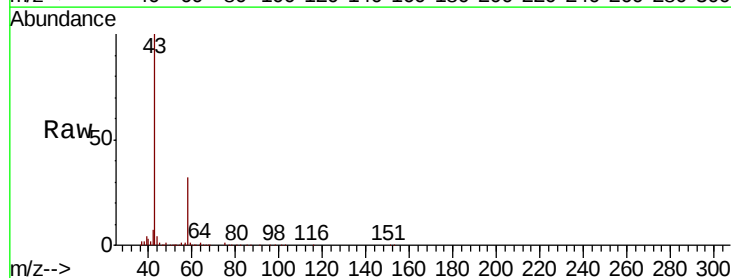
Acq: 04 Mar 2019 14:35

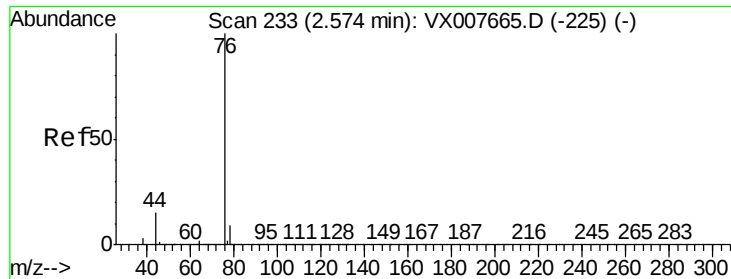
Tgt Ion: 43 Resp: 158048

Ion Ratio Lower Upper

43 100

58 32.1 24.9 37.3

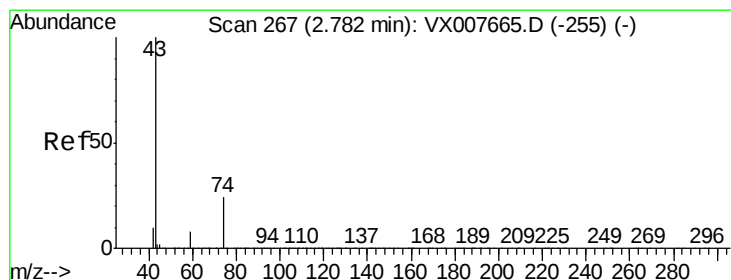
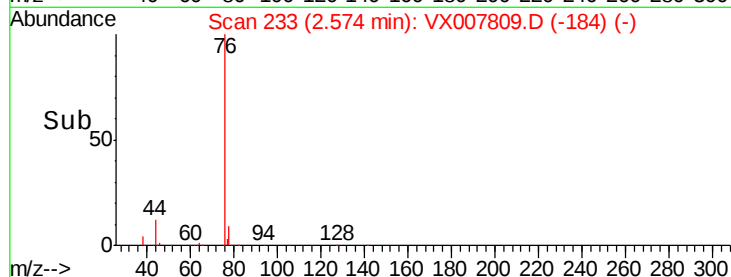
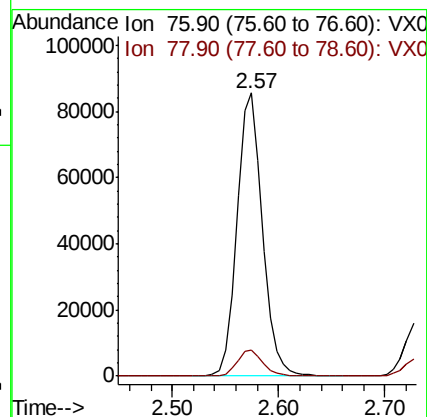
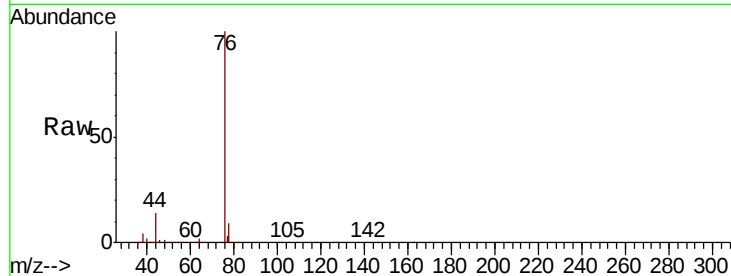




#17
Carbon Disulfide
Concen: 18.810 ug/l
RT: 2.57 min Scan# 233
Delta R.T. -0.00 min
Lab File: VX007809.D
Acq: 04 Mar 2019 14:35

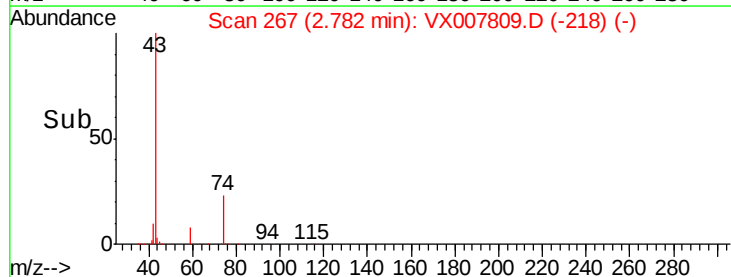
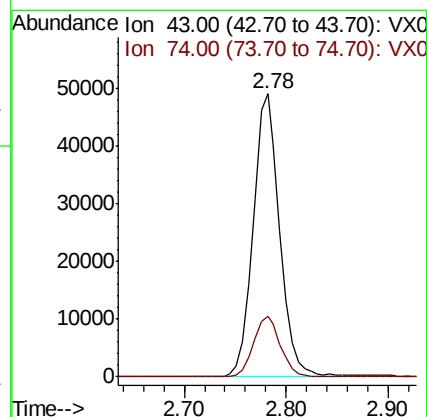
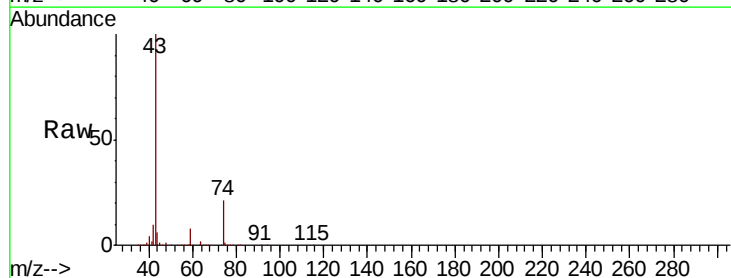
Instrument :
MSVOA_X
ClientSampleId :
VX0304MBS01

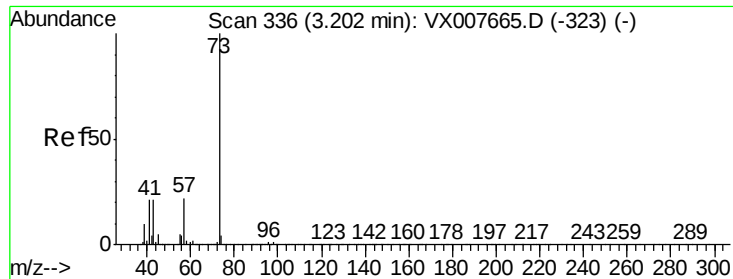
Tgt Ion: 76 Resp: 143364
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7



#18
Methyl Acetate
Concen: 23.448 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX007809.D
Acq: 04 Mar 2019 14:35

Tgt Ion: 43 Resp: 88273
Ion Ratio Lower Upper
43 100
74 22.4 19.4 29.2

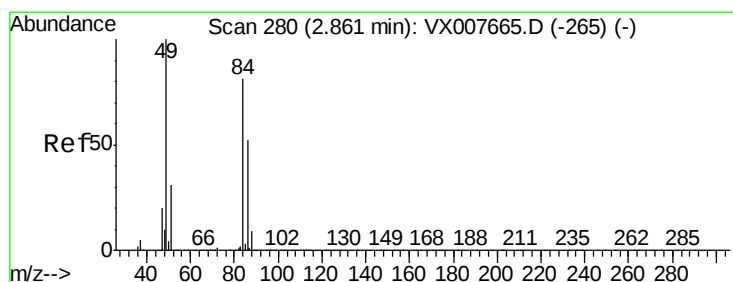
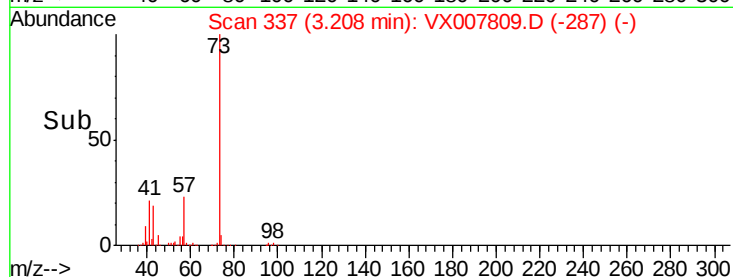
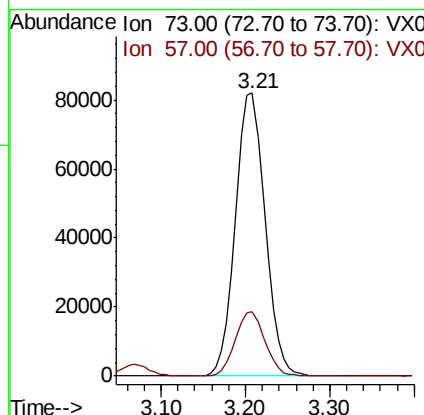
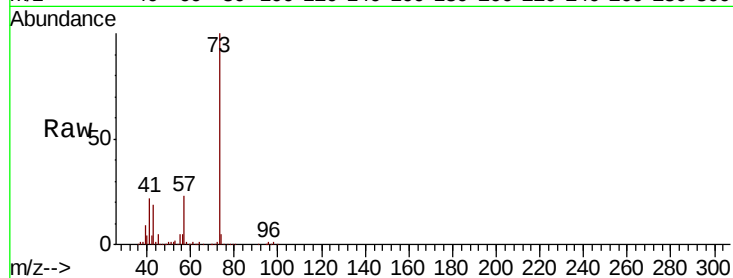




#19
Methyl tert-butyl Ether
Concen: 20.527 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX007809.D
Acq: 04 Mar 2019 14:35

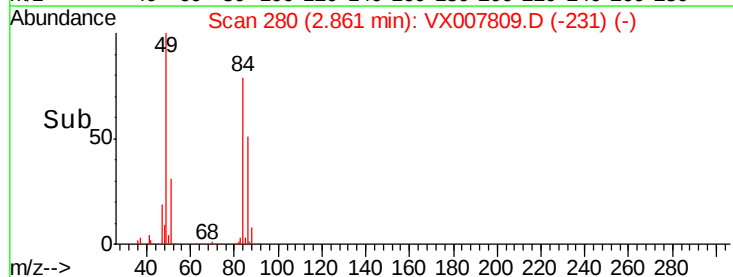
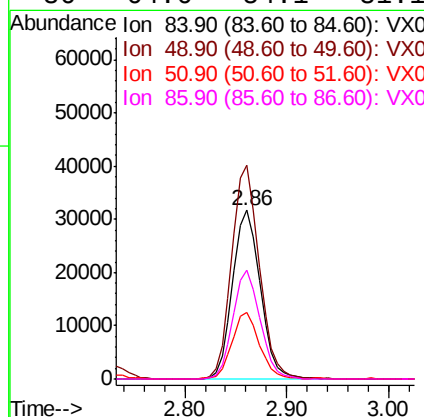
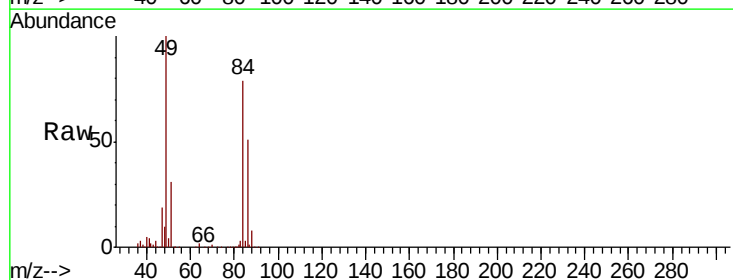
Instrument :
MSVOA_X
ClientSampleId :
VX0304MBS01

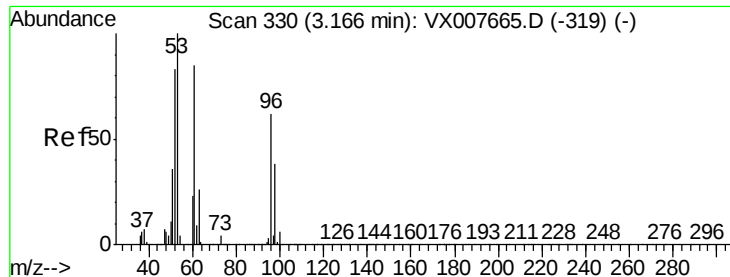
Tgt Ion: 73 Resp: 195828
Ion Ratio Lower Upper
73 100
57 22.7 17.8 26.8



#20
Methylene Chloride
Concen: 18.760 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX007809.D
Acq: 04 Mar 2019 14:35

Tgt Ion: 84 Resp: 59762
Ion Ratio Lower Upper
84 100
49 126.3 94.8 142.2
51 39.2 29.8 44.8
86 64.6 54.1 81.1





#21

trans-1,2-Dichloroethene

Concen: 18.896 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007809.D

Acq: 04 Mar 2019 14:35

Instrument :

MSVOA_X

ClientSampled :

VX0304MBS01

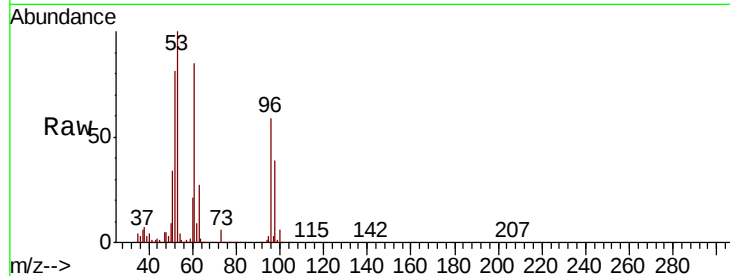
Tgt Ion: 96 Resp: 56277

Ion Ratio Lower Upper

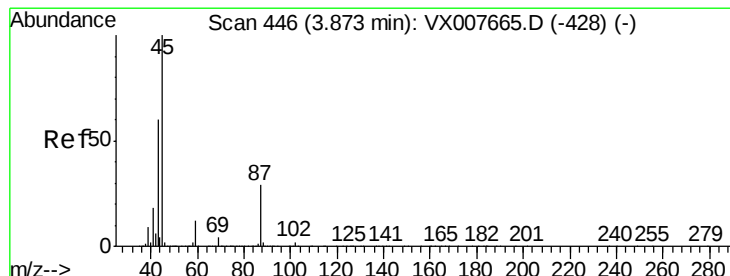
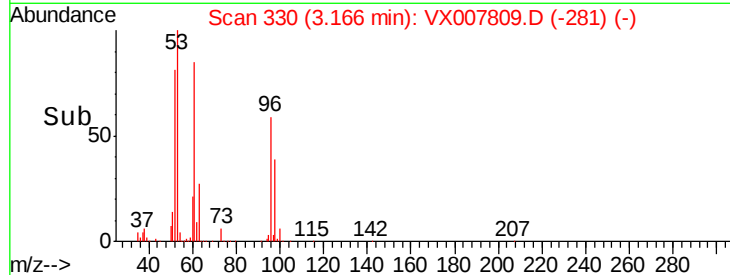
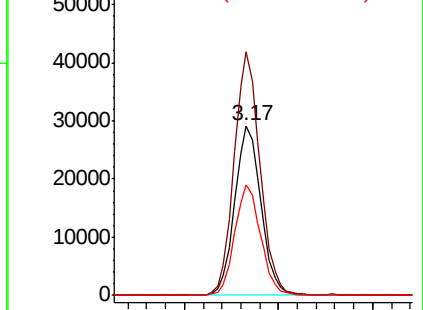
96 100

61 143.7 104.6 156.8

98 65.5 51.0 76.4



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



#22

Diisopropyl ether

Concen: 20.388 ug/l

RT: 3.87 min Scan# 446

Delta R.T. -0.00 min

Lab File: VX007809.D

Acq: 04 Mar 2019 14:35

Tgt Ion: 45 Resp: 214991

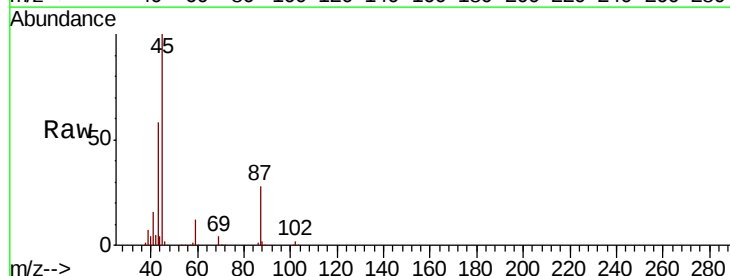
Ion Ratio Lower Upper

45 100

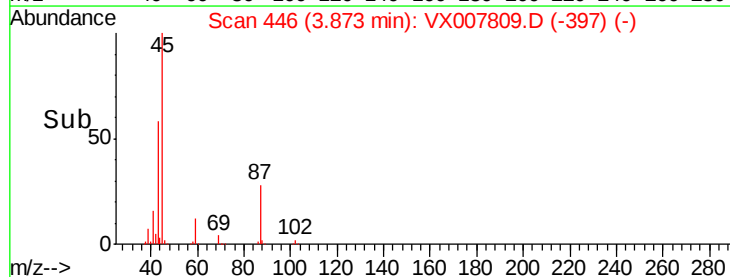
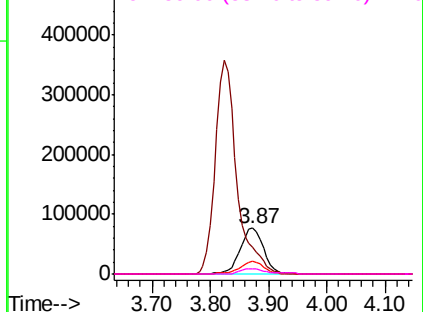
43 58.1 48.9 73.3

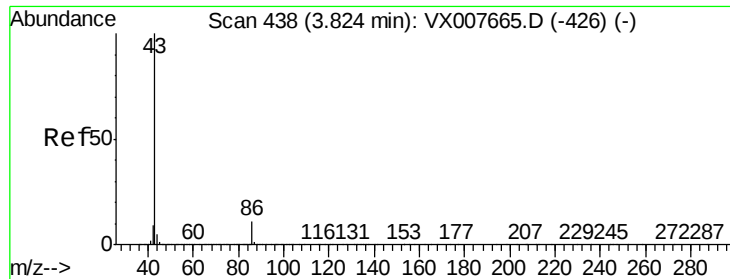
87 28.1 23.9 35.9

59 11.9 9.6 14.4



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0

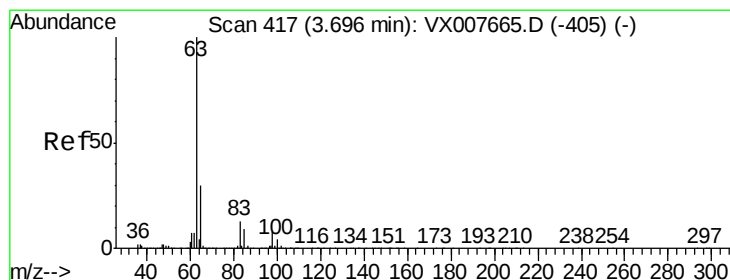
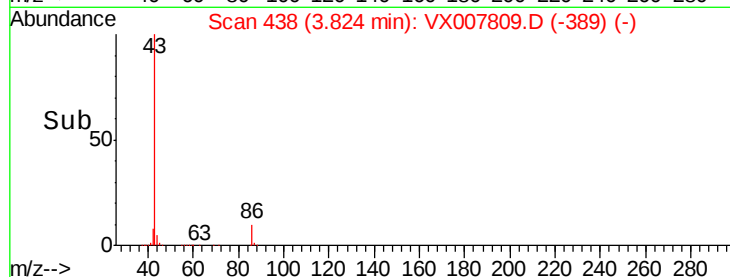
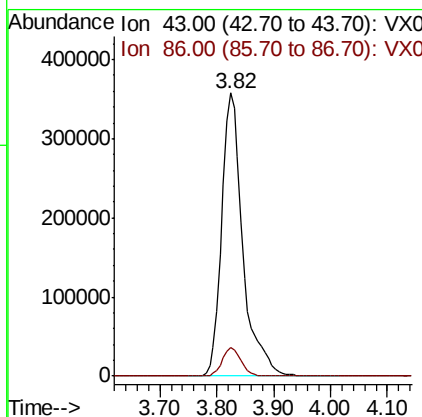
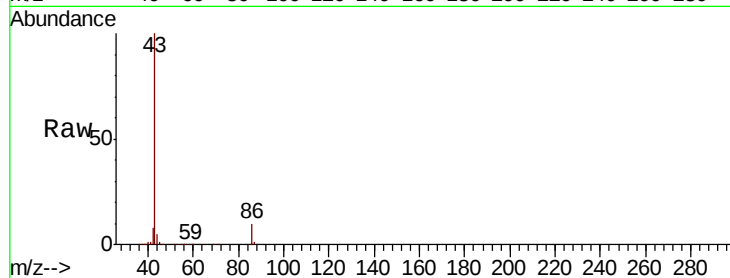




#23
 Vinyl Acetate
 Concen: 99.404 ug/l
 RT: 3.82 min Scan# 438
 Delta R.T. -0.00 min
 Lab File: VX007809.D
 Acq: 04 Mar 2019 14:35

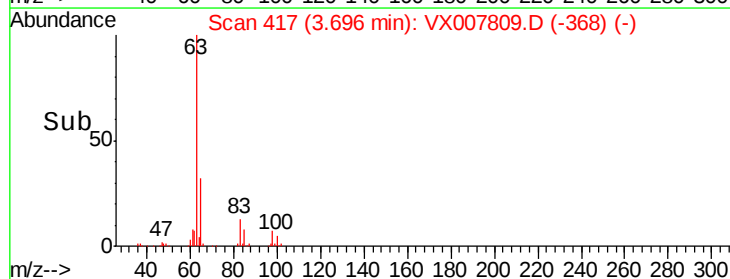
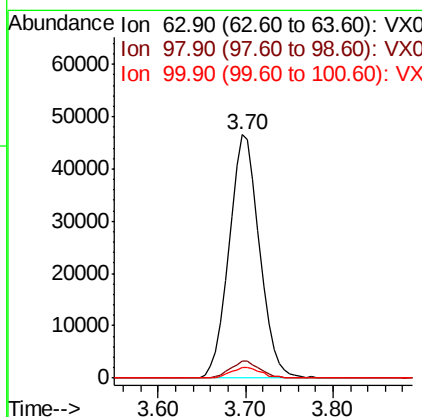
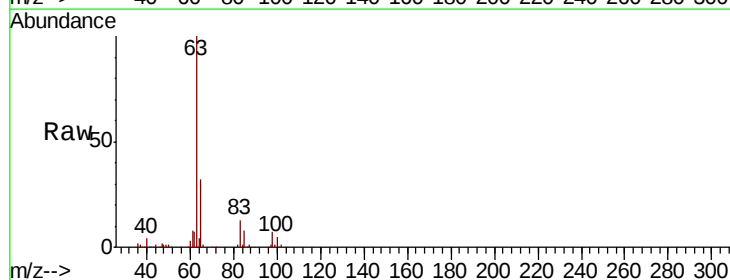
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0304MBS01

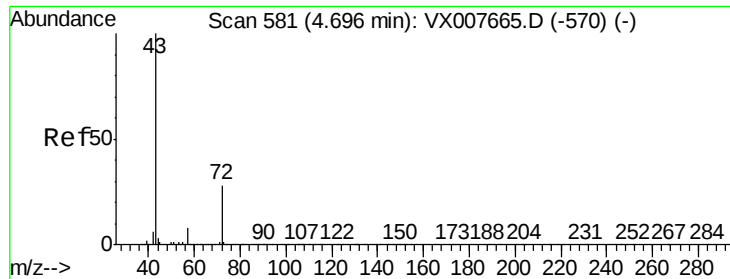
Tgt Ion: 43 Resp: 919653
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.7 13.1



#24
 1,1-Dichloroethane
 Concen: 19.598 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. -0.00 min
 Lab File: VX007809.D
 Acq: 04 Mar 2019 14:35

Tgt Ion: 63 Resp: 112313
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.6 10.8
 100 4.6 2.5 7.4





#25

2-Butanone

Concen: 100.585 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.00 min

Lab File: VX007809.D

Acq: 04 Mar 2019 14:35

Instrument :

MSVOA_X

ClientSampleId :

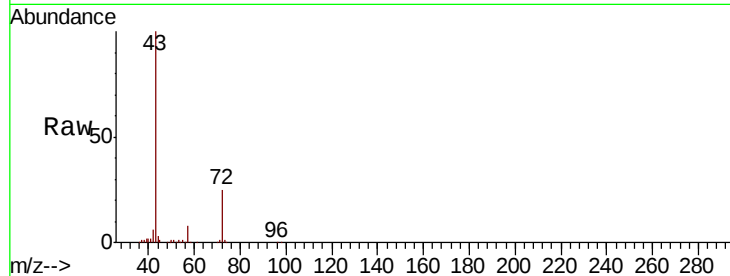
VX0304MBS01

Tgt Ion: 43 Resp: 264330

Ion Ratio Lower Upper

43 100

72 24.8 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

100000

80000

60000

40000

20000

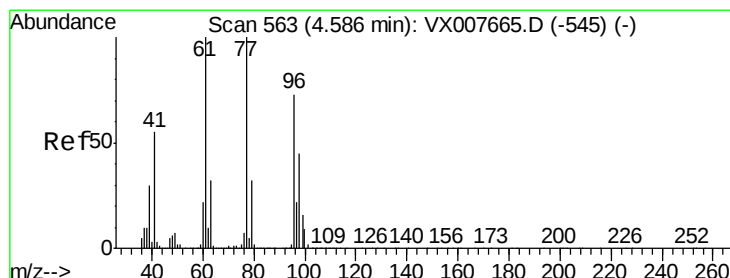
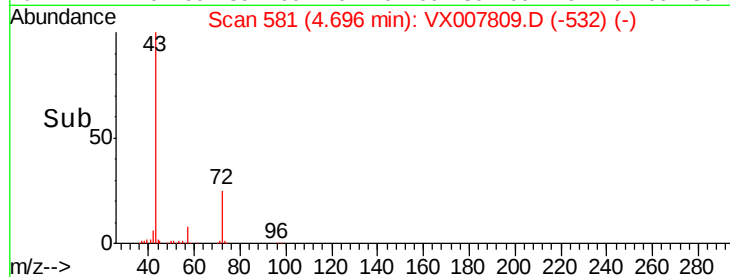
0

4.60

4.70

4.80

Time-->



#26

2,2-Dichloropropane

Concen: 16.690 ug/l

RT: 4.59 min Scan# 564

Delta R.T. 0.01 min

Lab File: VX007809.D

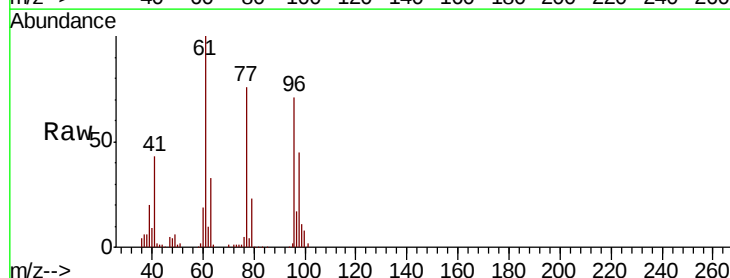
Acq: 04 Mar 2019 14:35

Tgt Ion: 77 Resp: 76351

Ion Ratio Lower Upper

77 100

97 24.1 12.1 36.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

25000

20000

15000

10000

5000

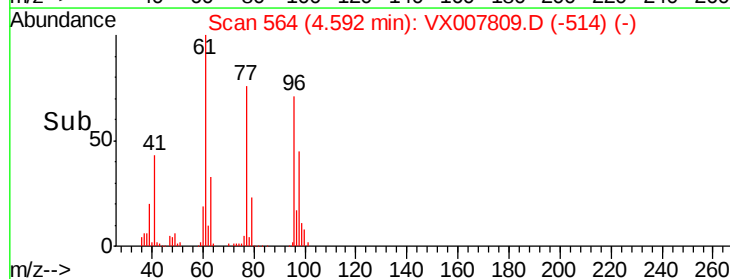
0

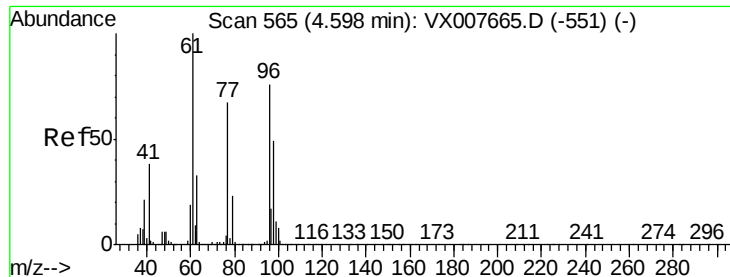
4.50

4.60

4.70

Time-->



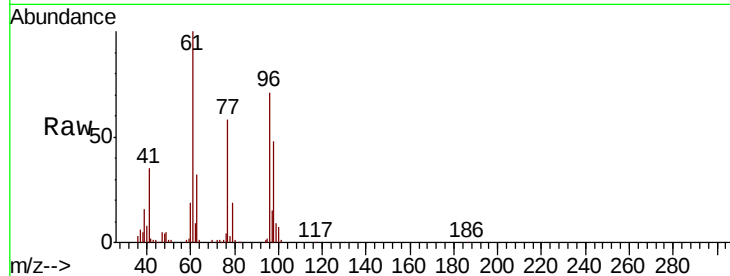


#27

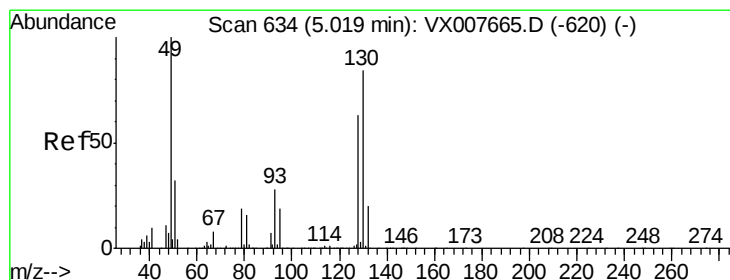
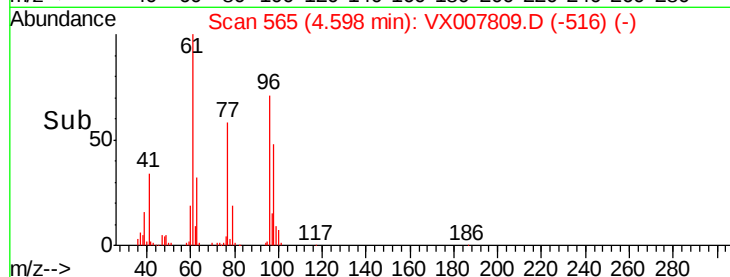
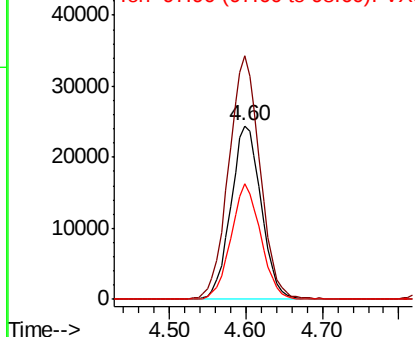
cis-1,2-Dichloroethene
 Concen: 17.720 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX007809.D
 Acq: 04 Mar 2019 14:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0304MBS01

Tgt Ion: 96 Resp: 67151
 Ion Ratio Lower Upper
 96 100
 61 144.3 0.0 265.6
 98 65.2 0.0 131.6



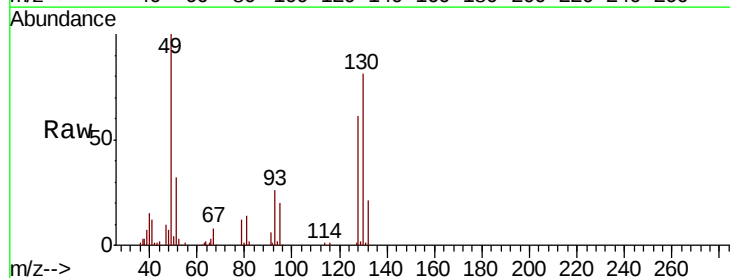
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



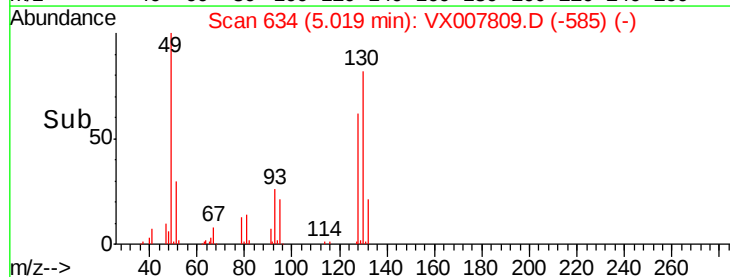
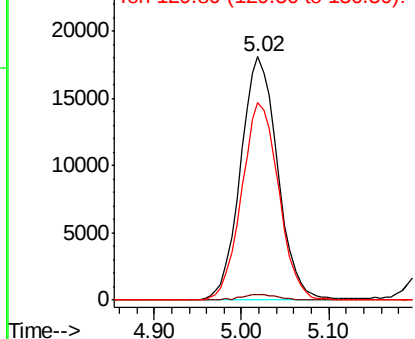
#28

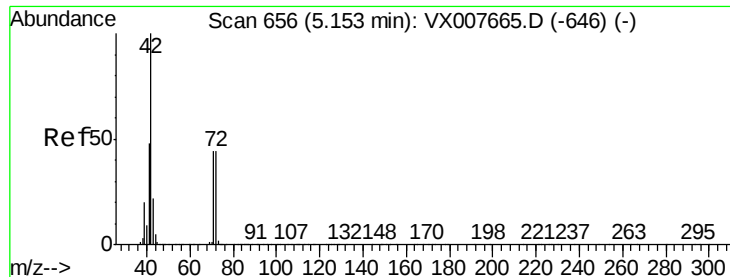
Bromochloromethane
 Concen: 19.130 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: VX007809.D
 Acq: 04 Mar 2019 14:35

Tgt Ion: 49 Resp: 53372
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 5.6
 130 81.0 75.6 113.4



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





#29

Tetrahydrofuran

Concen: 100.243 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX007809.D

Acq: 04 Mar 2019 14:35

Instrument :

MSVOA_X

ClientSampleId :

VX0304MBS01

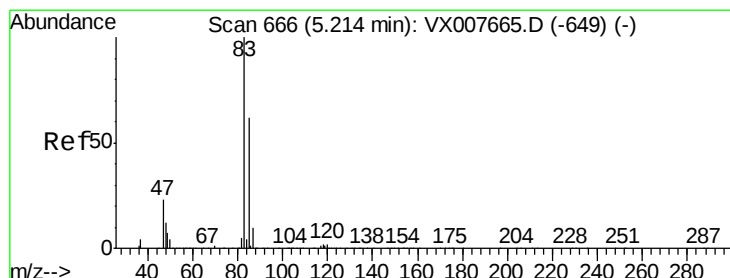
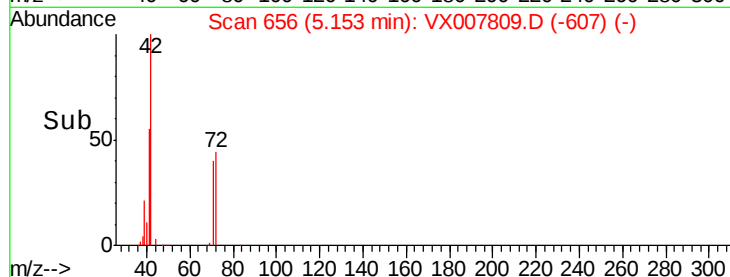
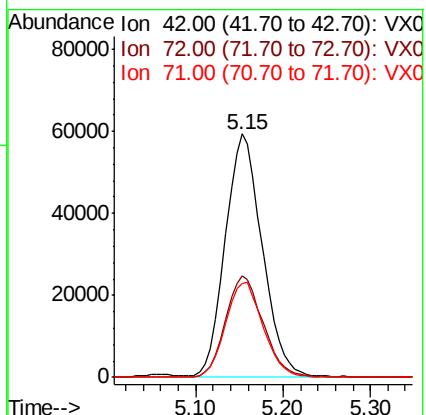
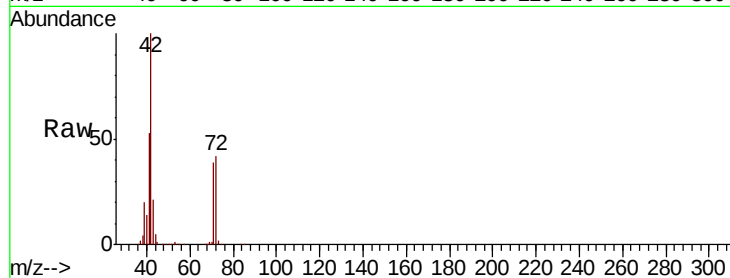
Tgt Ion: 42 Resp: 173648

Ion Ratio Lower Upper

42 100

72 42.6 37.6 56.4

71 40.1 34.6 51.8



#30

Chloroform

Concen: 17.443 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX007809.D

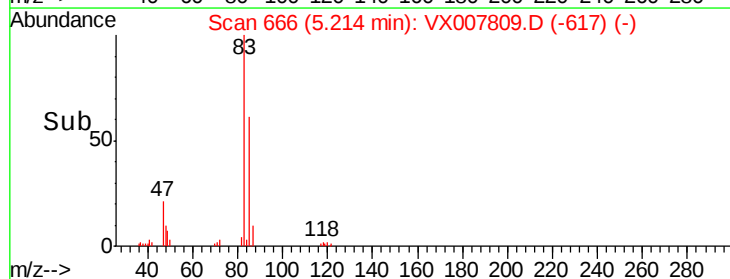
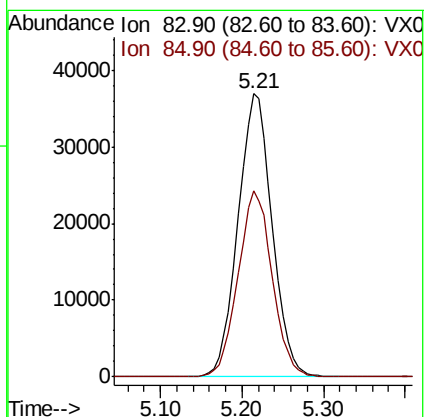
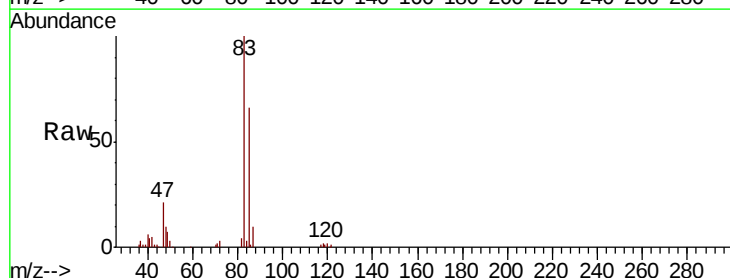
Acq: 04 Mar 2019 14:35

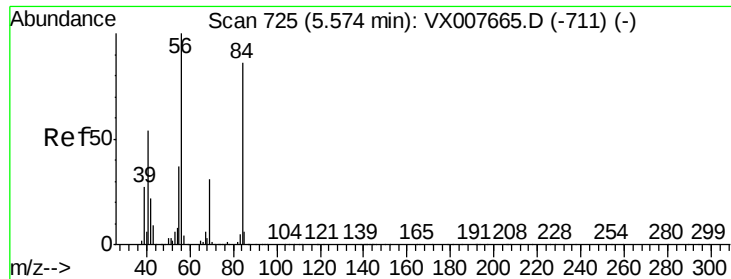
Tgt Ion: 83 Resp: 107081

Ion Ratio Lower Upper

83 100

85 65.9 51.6 77.4

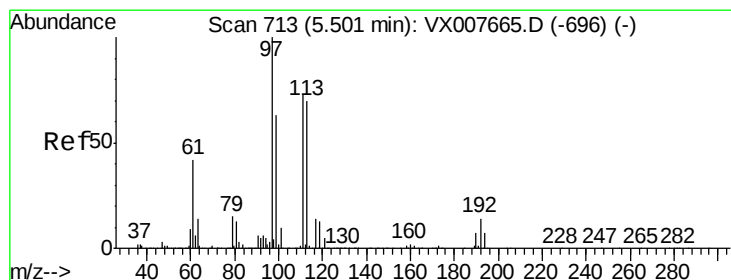
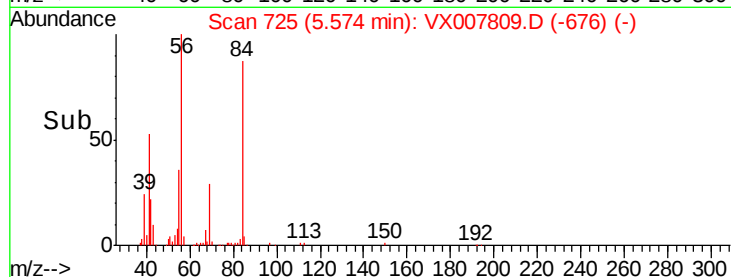
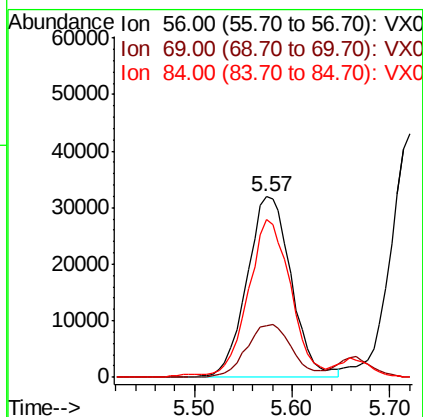
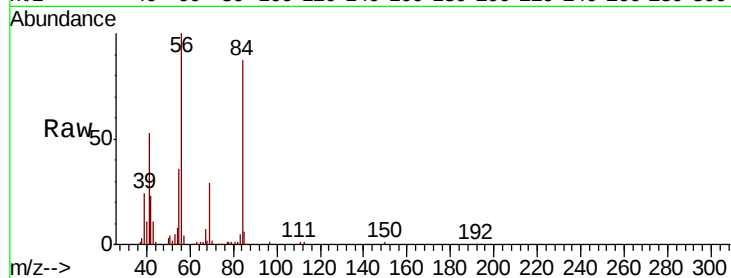




#31
Cyclohexane
Concen: 18.614 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX007809.D
Acq: 04 Mar 2019 14:35

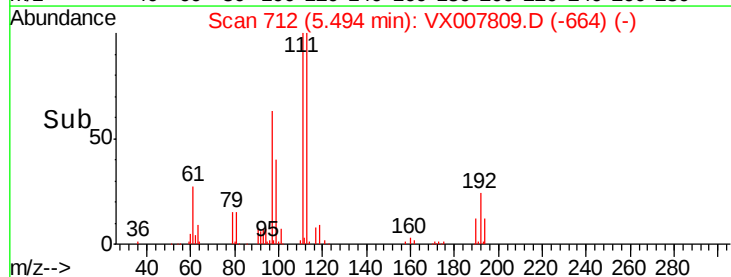
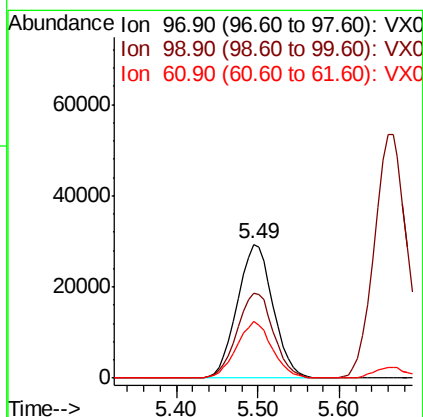
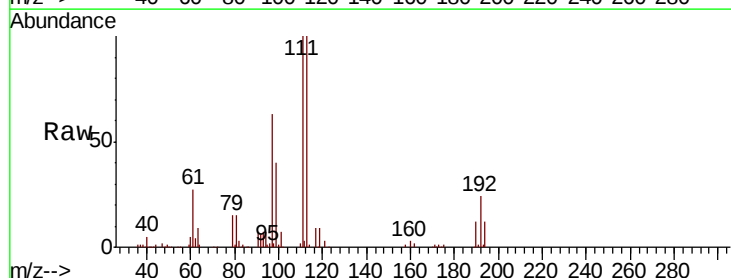
Instrument :
MSVOA_X
ClientSampleId :
VX0304MBS01

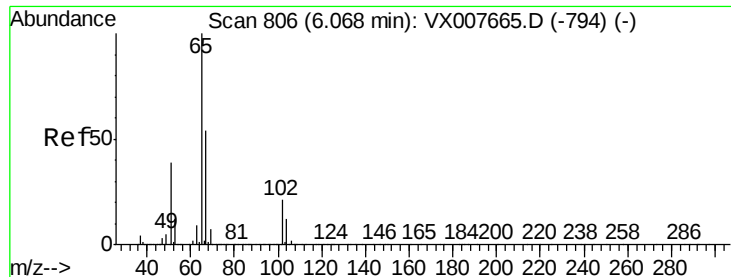
Tgt Ion: 56 Resp: 100345
Ion Ratio Lower Upper
56 100
69 28.9 23.0 34.6
84 85.6 69.8 104.6



#32
1,1,1-Trichloroethane
Concen: 17.556 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX007809.D
Acq: 04 Mar 2019 14:35

Tgt Ion: 97 Resp: 89129
Ion Ratio Lower Upper
97 100
99 64.8 52.2 78.2
61 42.1 32.7 49.1





#33

1,2-Dichloroethane-d4

Concen: 42.987 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007809.D

Acq: 04 Mar 2019 14:35

Instrument :

MSVOA_X

ClientSampleId :

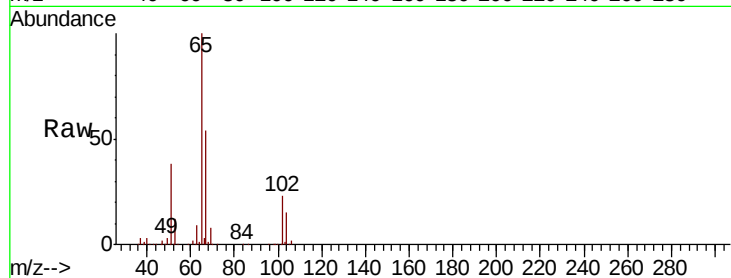
VX0304MBS01

Tgt Ion: 65 Resp: 166766

Ion Ratio Lower Upper

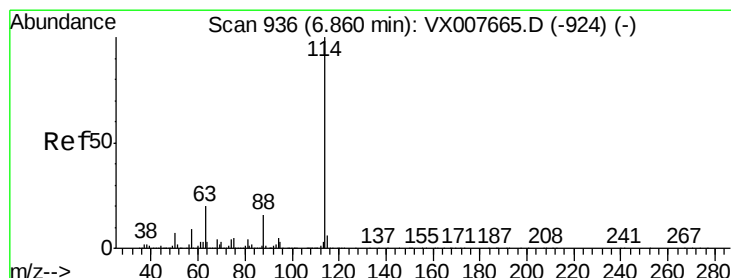
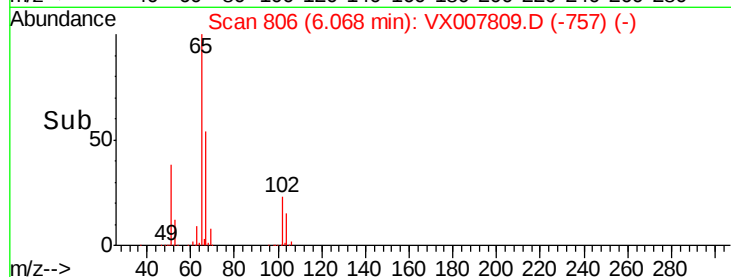
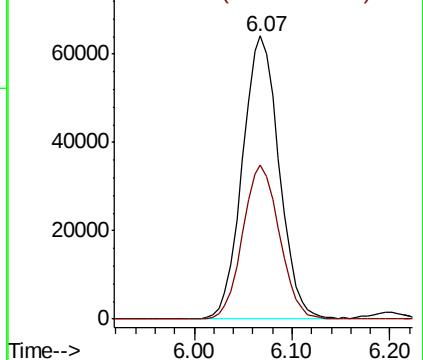
65 100

67 54.5 0.0 108.8



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: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007809.D

Acq: 04 Mar 2019 14:35

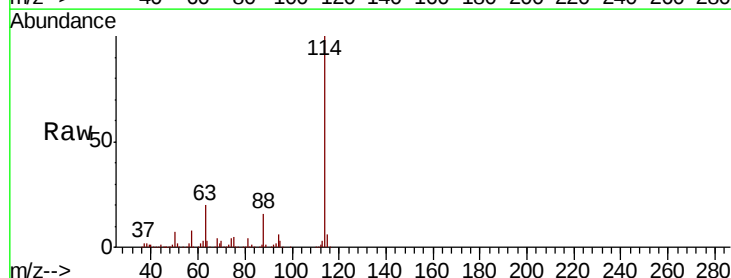
Tgt Ion: 114 Resp: 463653

Ion Ratio Lower Upper

114 100

63 20.3 0.0 35.6

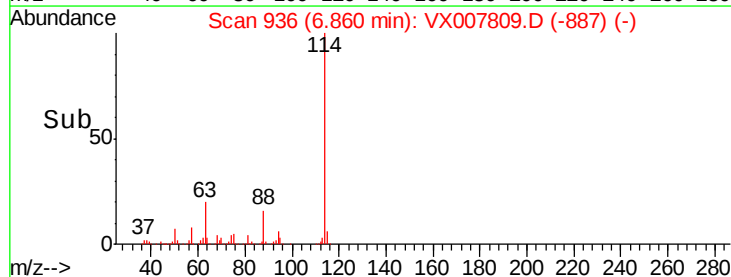
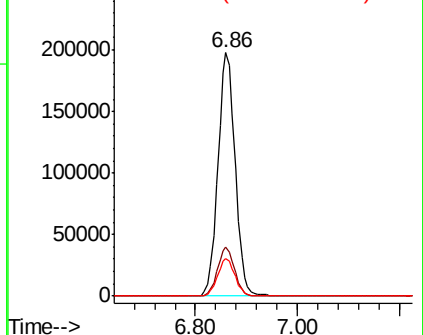
88 15.7 0.0 29.6

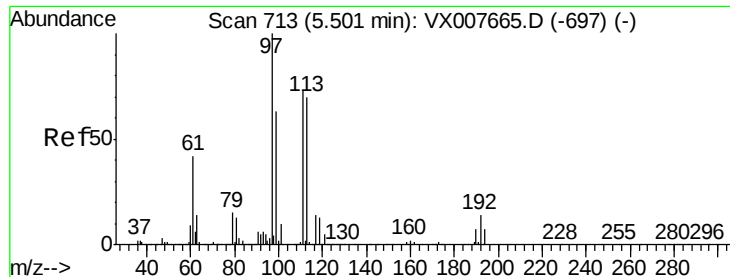


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 47.136 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX007809.D

Acq: 04 Mar 2019 14:35

Instrument :

MSVOA_X

ClientSampleId :

VX0304MBS01

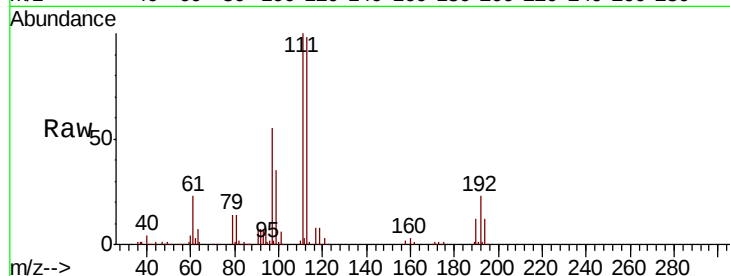
Tgt Ion: 113 Resp: 146092

Ion Ratio Lower Upper

113 100

111 101.4 81.8 122.8

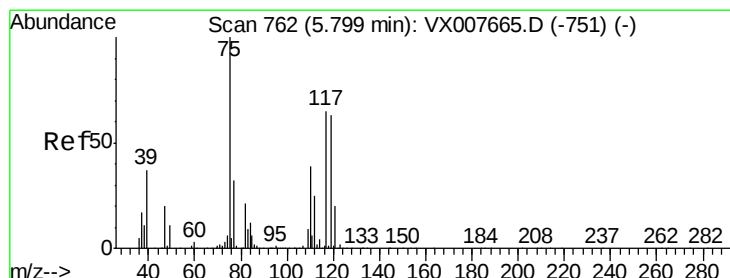
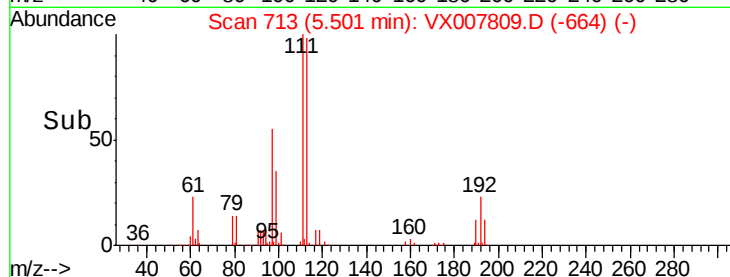
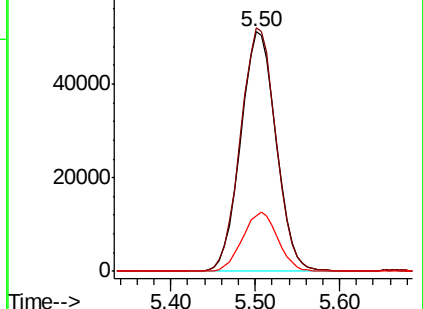
192 24.7 18.5 27.7



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: 19.025 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX007809.D

Acq: 04 Mar 2019 14:35

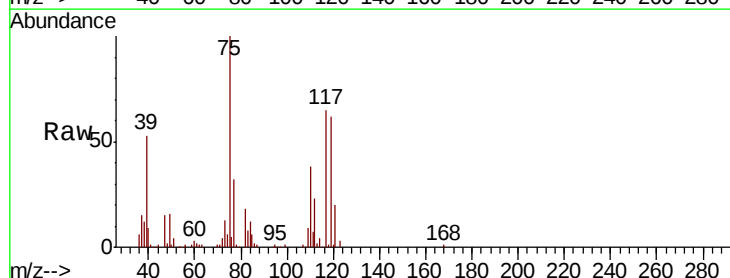
Tgt Ion: 75 Resp: 79302

Ion Ratio Lower Upper

75 100

110 37.8 20.0 59.9

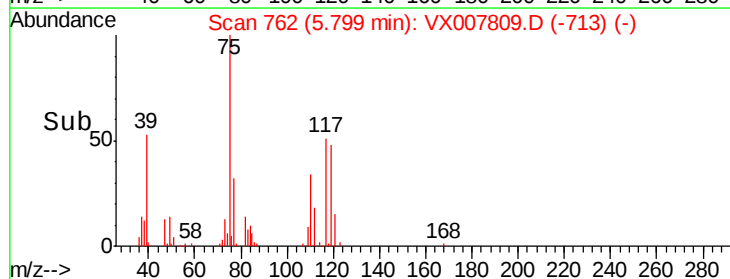
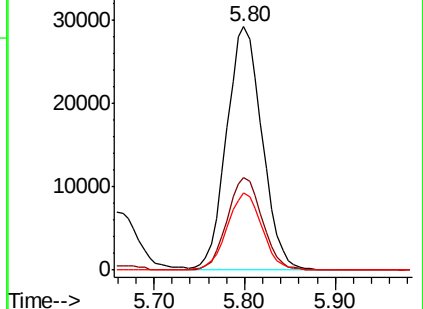
77 31.4 24.7 37.1



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: 21.102 ug/l

RT: 4.85 min Scan# 607

Delta R.T. -0.00 min

Lab File: VX007809.D

Acq: 04 Mar 2019 14:35

Instrument :

MSVOA_X

ClientSampleId :

VX0304MBS01

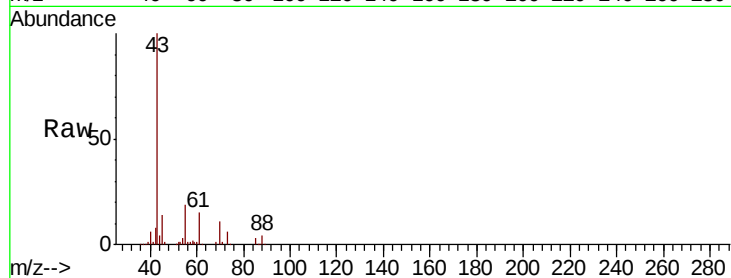
Tgt Ion: 43 Resp: 97713

Ion Ratio Lower Upper

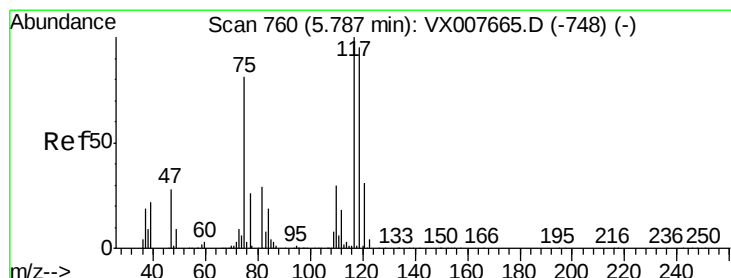
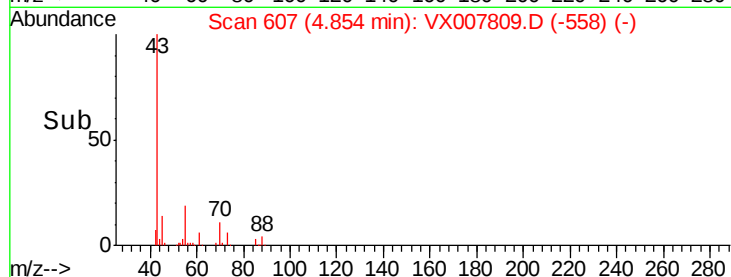
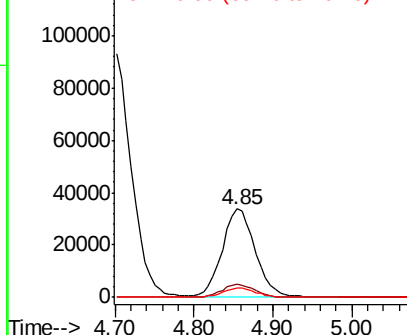
43 100

61 14.7 11.3 16.9

70 11.1 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 18.072 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX007809.D

Acq: 04 Mar 2019 14:35

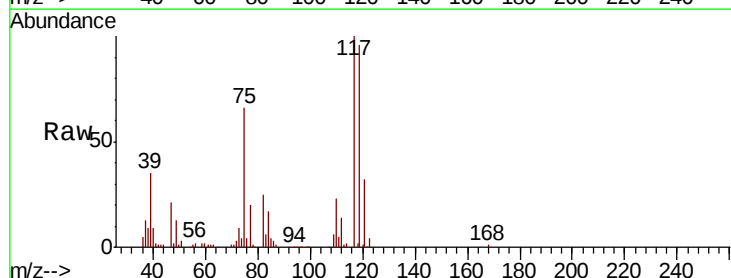
Tgt Ion: 117 Resp: 75670

Ion Ratio Lower Upper

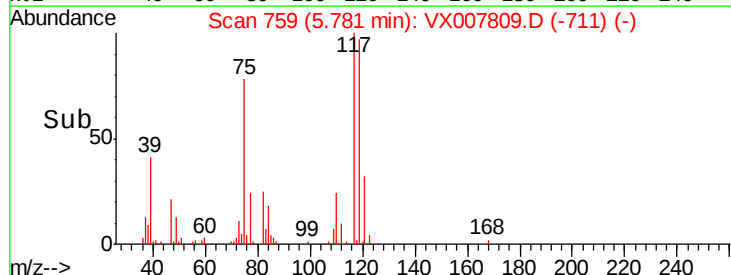
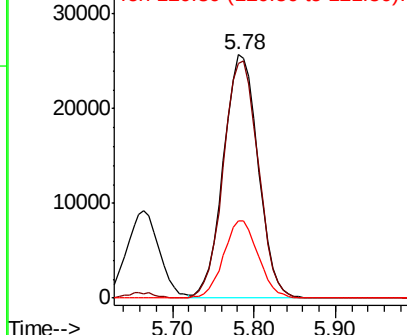
117 100

119 96.2 75.3 112.9

121 31.9 25.0 37.4



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

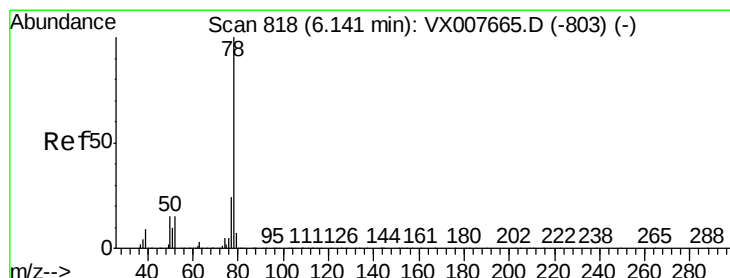
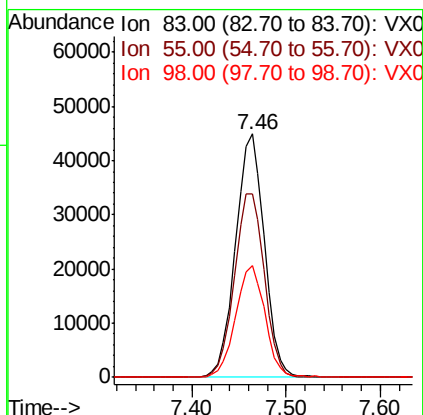
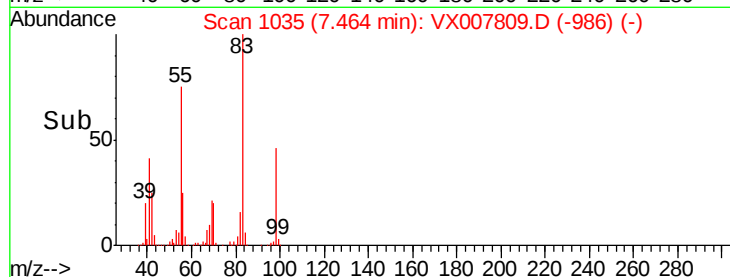
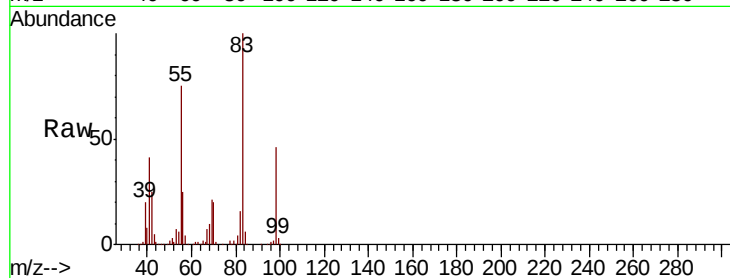




#39
Methylcyclohexane
Concen: 18.194 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX007809.D
Acq: 04 Mar 2019 14:35

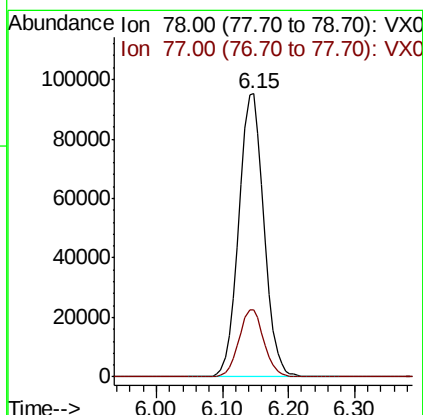
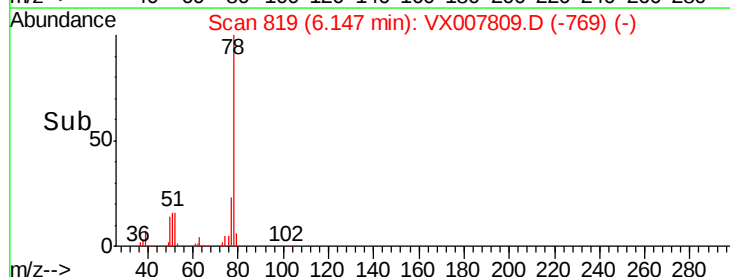
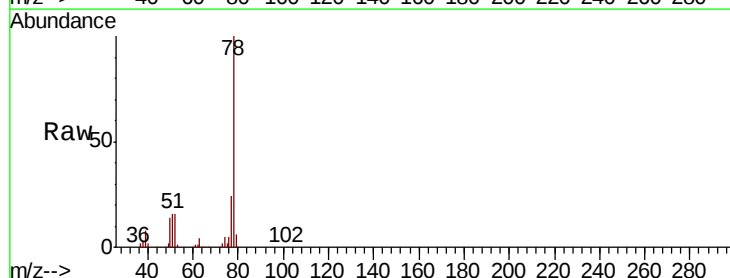
Instrument :
MSVOA_X
ClientSampleId :
VX0304MBS01

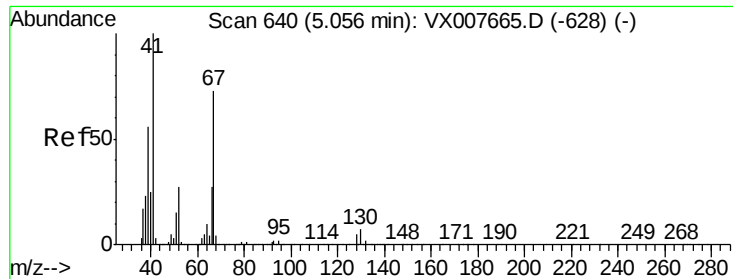
Tgt Ion	Ratio	Lower	Upper
83	100		
55	75.2	56.2	84.2
98	45.7	36.8	55.2



#40
Benzene
Concen: 19.568 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX007809.D
Acq: 04 Mar 2019 14:35

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.3	28.9

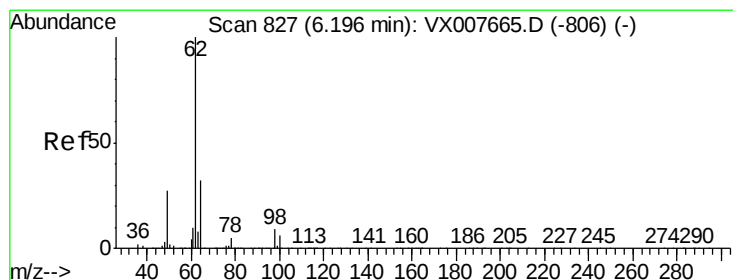
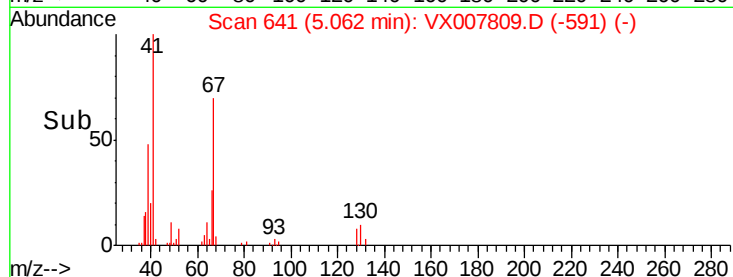
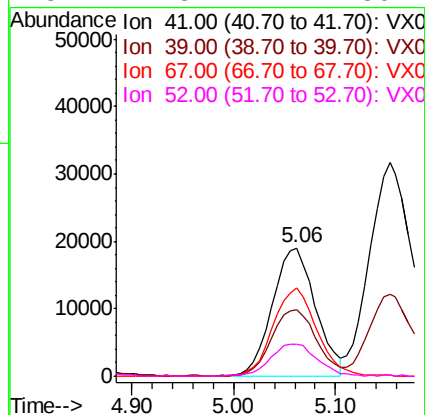
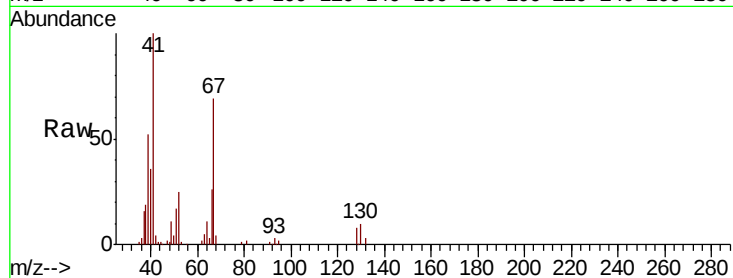




#41
Methacrylonitrile
Concen: 22.700 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.01 min
Lab File: VX007809.D
Acq: 04 Mar 2019 14:35

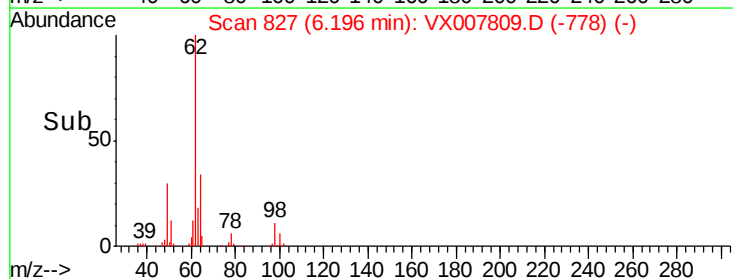
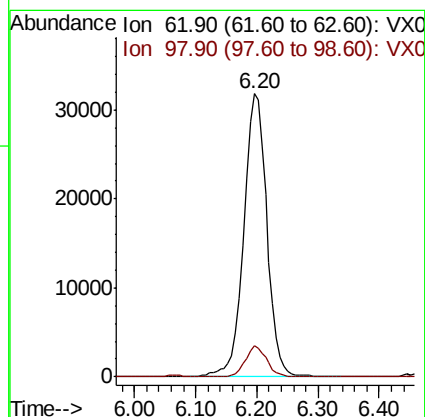
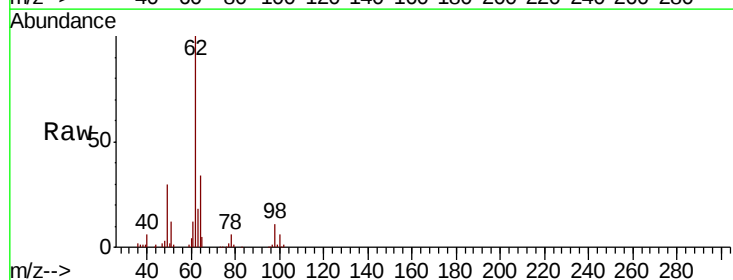
Instrument :
MSVOA_X
ClientSampleId :
VX0304MBS01

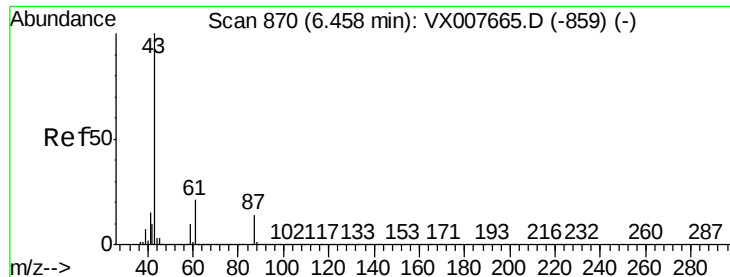
Tgt Ion:	41	Resp:	56128
Ion	Ratio	Lower	Upper
41	100		
39	54.4	44.5	66.7
67	69.7	60.4	90.6
52	27.3	24.1	36.1



#42
1,2-Dichloroethane
Concen: 19.294 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX007809.D
Acq: 04 Mar 2019 14:35

Tgt Ion:	62	Resp:	83445
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	19.0





#43

Isopropyl Acetate

Concen: 21.363 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX007809.D

Acq: 04 Mar 2019 14:35

Instrument :

MSVOA_X

ClientSampleId :

VX0304MBS01

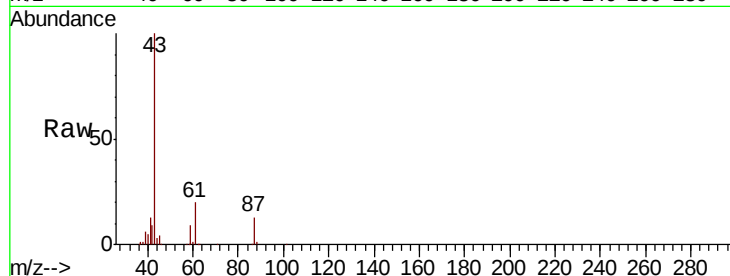
Tgt Ion: 43 Resp: 152246

Ion Ratio Lower Upper

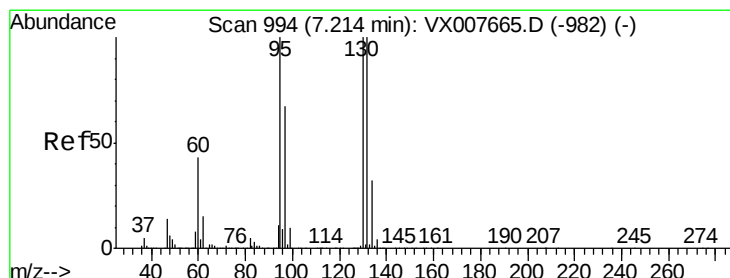
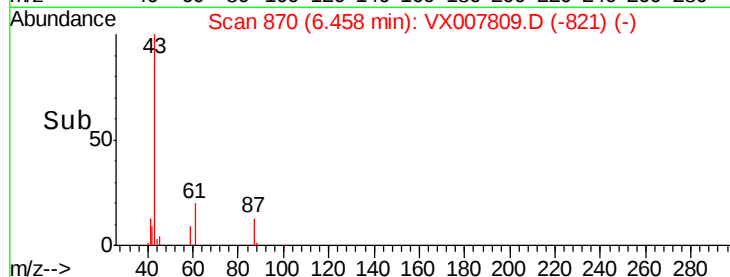
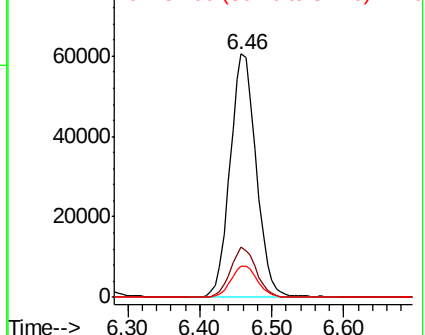
43 100

61 20.4 16.1 24.1

87 13.1 11.5 17.3



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 19.327 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX007809.D

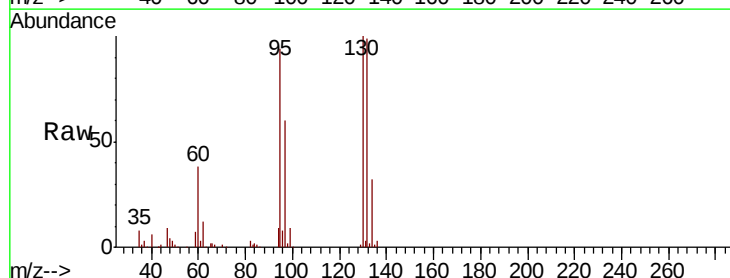
Acq: 04 Mar 2019 14:35

Tgt Ion: 130 Resp: 68414

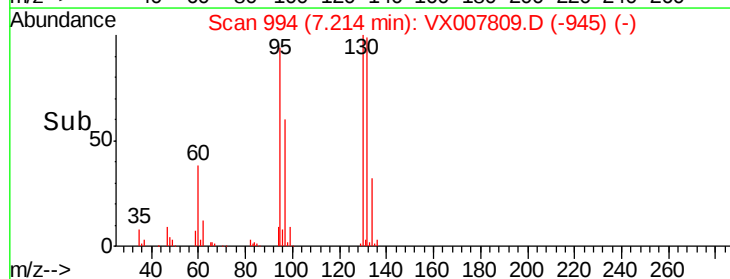
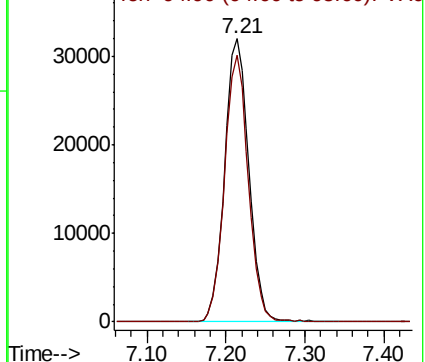
Ion Ratio Lower Upper

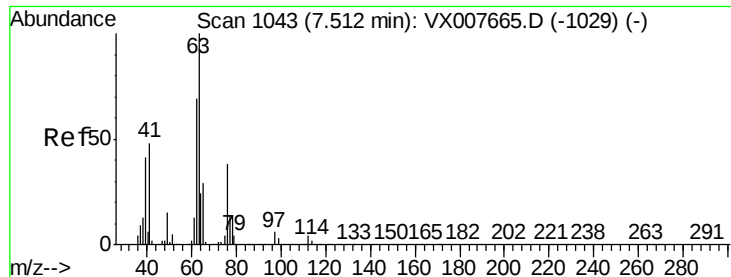
130 100

95 94.3 0.0 180.0



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 20.513 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VX007809.D

Acq: 04 Mar 2019 14:35

Instrument :

MSVOA_X

ClientSampleId :

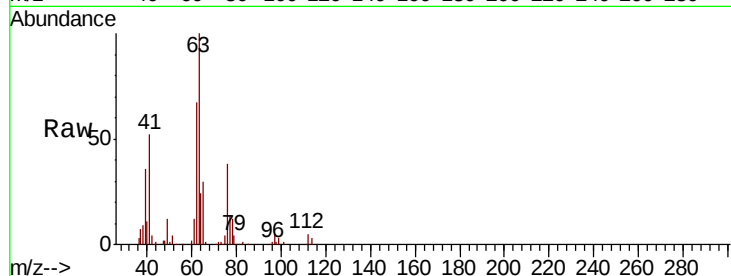
VX0304MBS01

Tgt Ion: 63 Resp: 68373

Ion Ratio Lower Upper

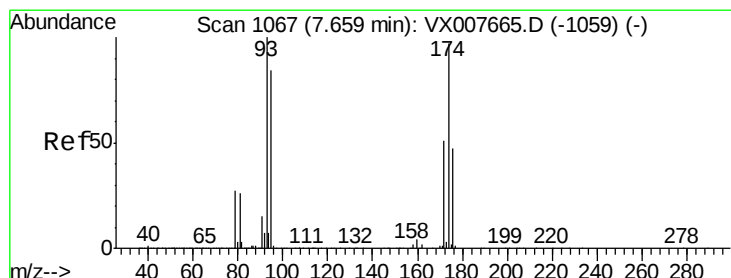
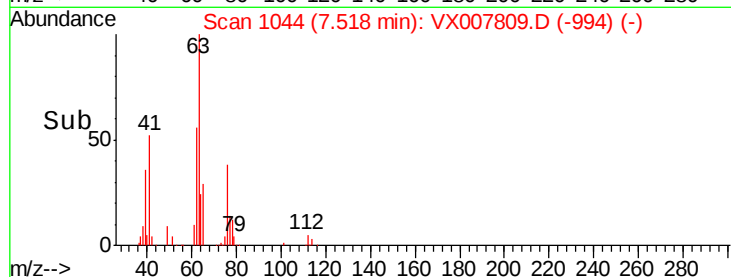
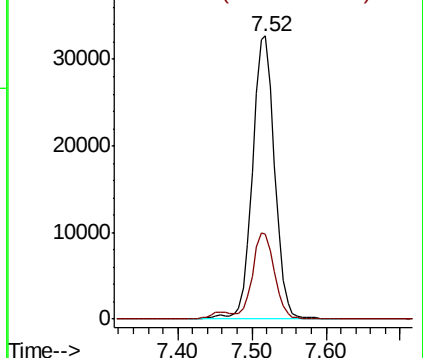
63 100

65 30.2 24.2 36.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 18.025 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX007809.D

Acq: 04 Mar 2019 14:35

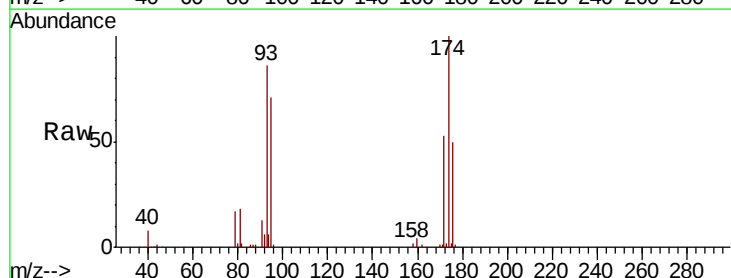
Tgt Ion: 93 Resp: 41915

Ion Ratio Lower Upper

93 100

95 83.5 67.6 101.4

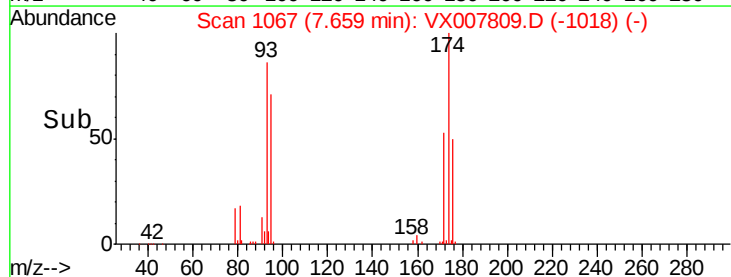
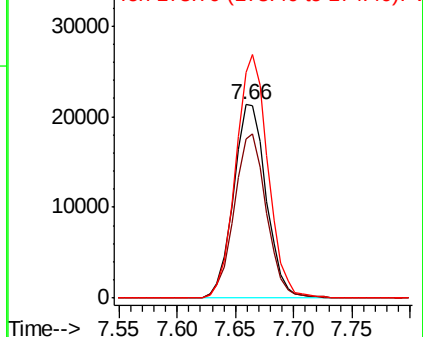
174 123.5 94.2 141.4

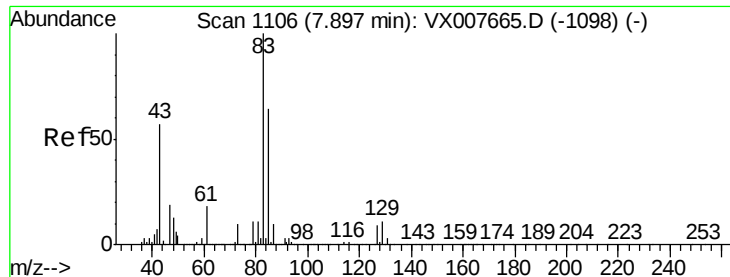


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.113 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007809.D

Acq: 04 Mar 2019 14:35

Instrument :

MSVOA_X

ClientSampleId :

VX0304MBS01

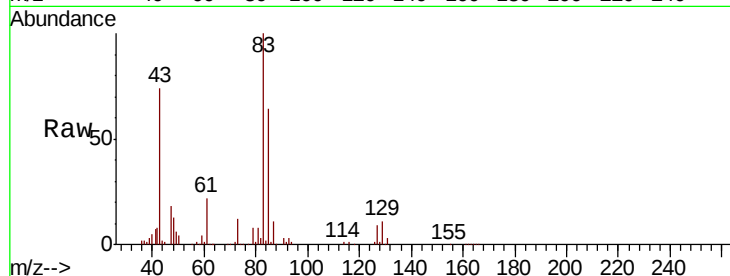
Tgt Ion: 83 Resp: 77023

Ion Ratio Lower Upper

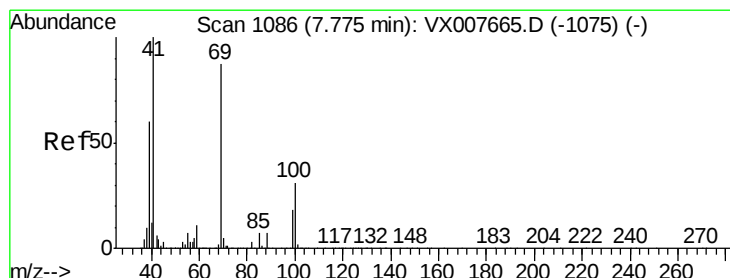
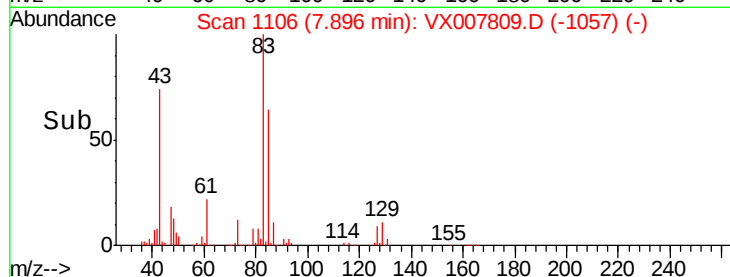
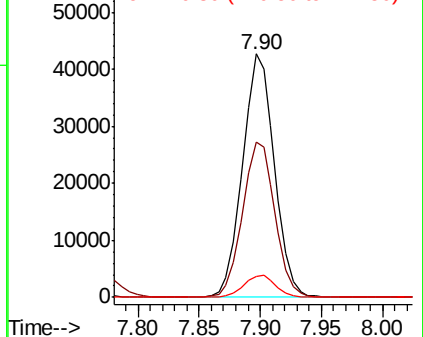
83 100

85 63.9 51.4 77.0

127 8.8 8.1 12.1



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 21.098 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX007809.D

Acq: 04 Mar 2019 14:35

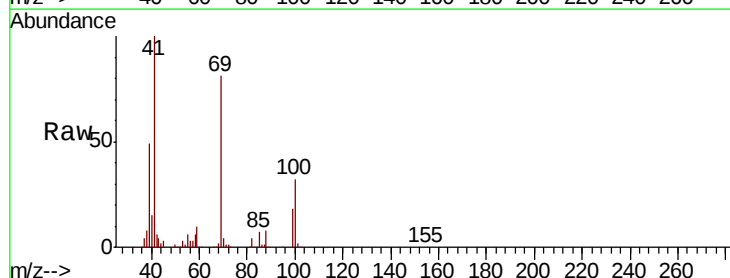
Tgt Ion: 41 Resp: 78814

Ion Ratio Lower Upper

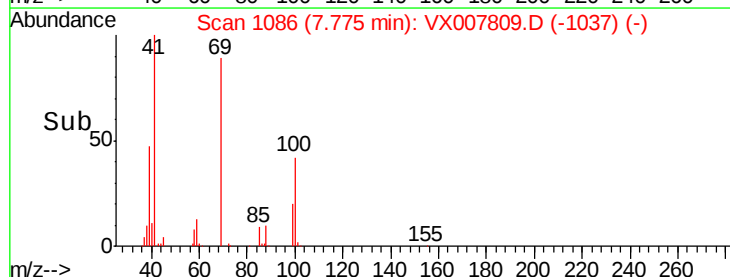
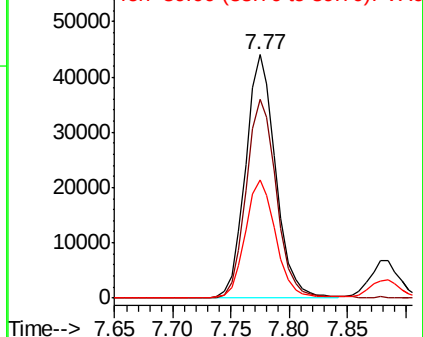
41 100

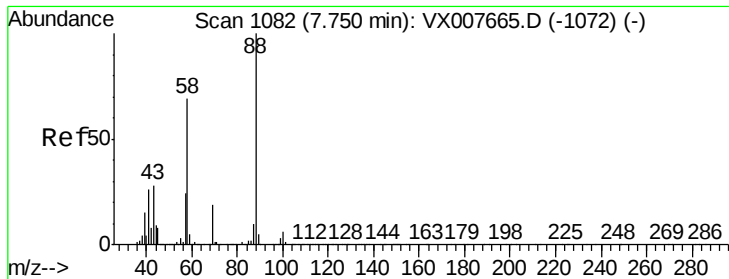
69 83.3 70.2 105.4

39 49.7 47.4 71.0



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

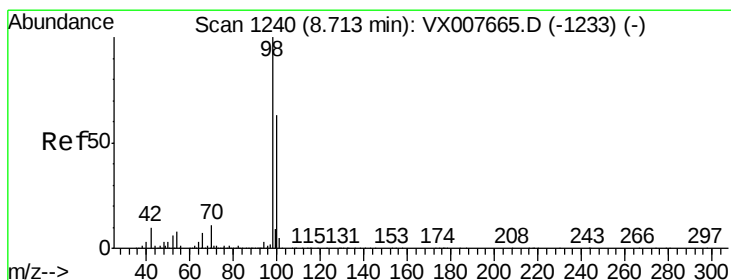
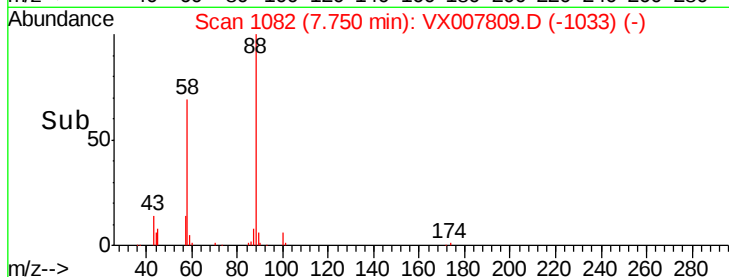
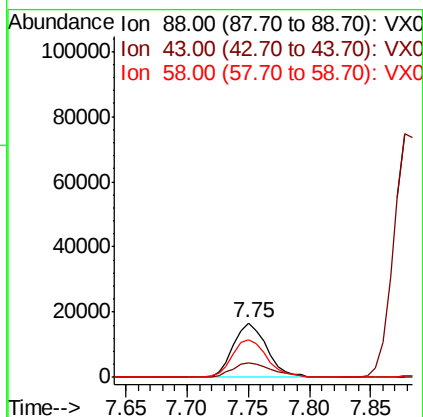
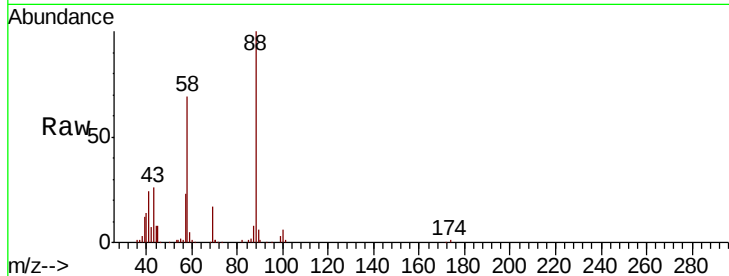




#49
1,4-Dioxane
Concen: 393.718 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.00 min
Lab File: VX007809.D
Acq: 04 Mar 2019 14:35

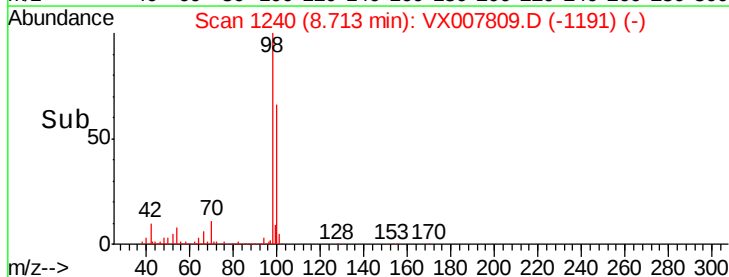
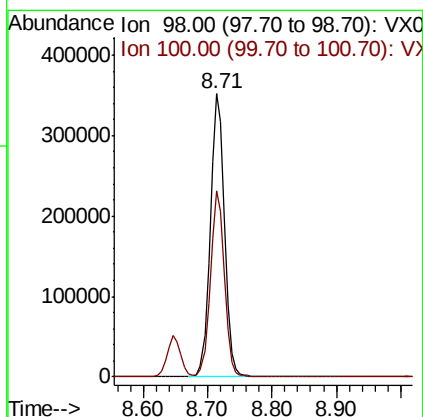
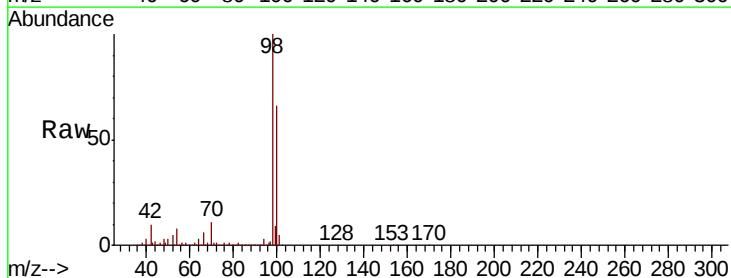
Instrument :
MSVOA_X
ClientSampleId :
VX0304MBS01

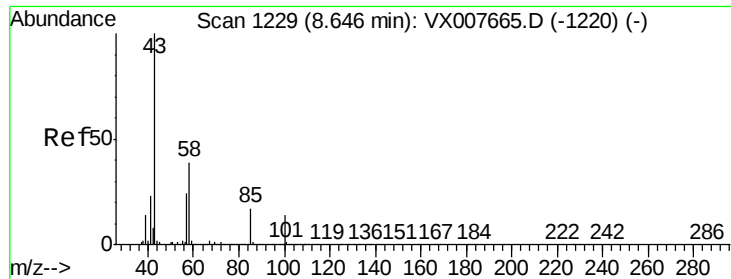
Tgt Ion: 88 Resp: 31766
Ion Ratio Lower Upper
88 100
43 31.4 24.2 36.4
58 72.4 53.0 79.4



#50
Toluene-d8
Concen: 45.759 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007809.D
Acq: 04 Mar 2019 14:35

Tgt Ion: 98 Resp: 542961
Ion Ratio Lower Upper
98 100
100 65.1 51.6 77.4

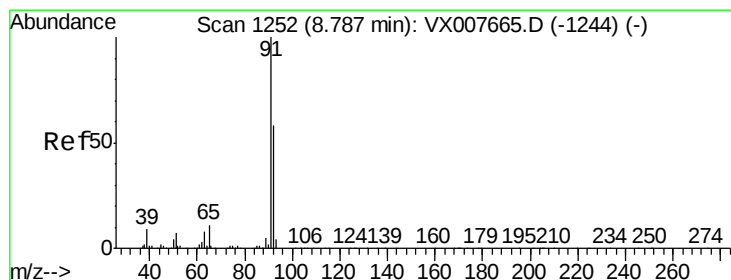
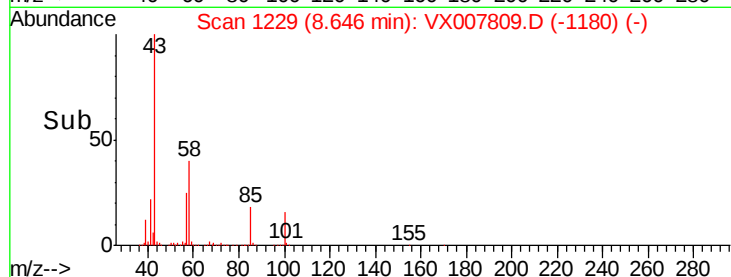
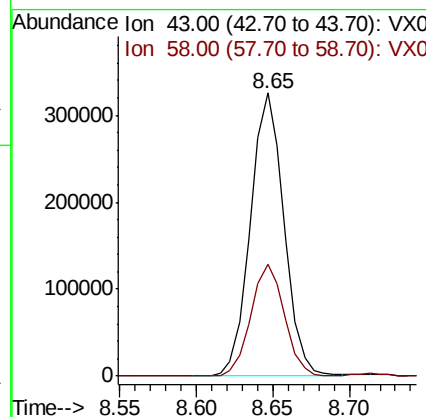
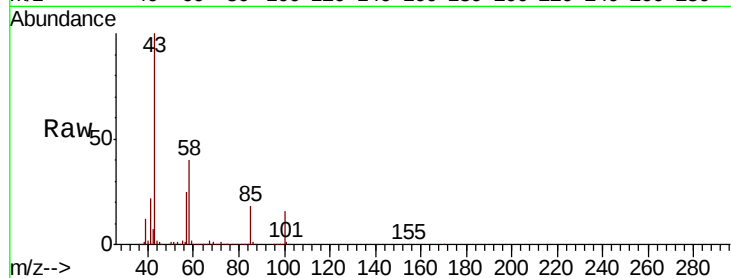




#51
 4-Methyl-2-Pentanone
 Concen: 104.191 ug/l
 RT: 8.65 min Scan# 1229
 Delta R.T. -0.00 min
 Lab File: VX007809.D
 Acq: 04 Mar 2019 14:35

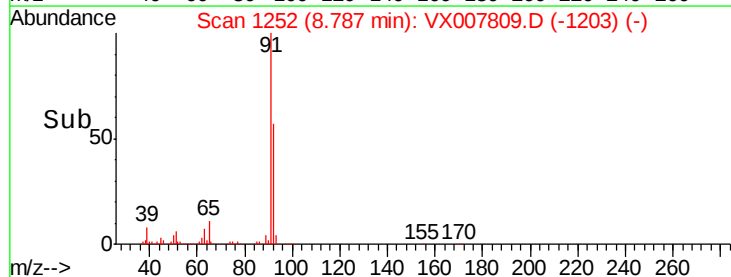
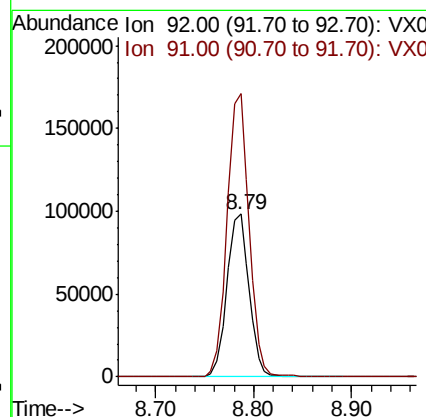
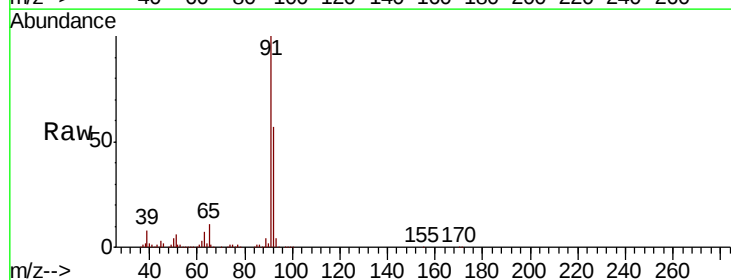
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0304MBS01

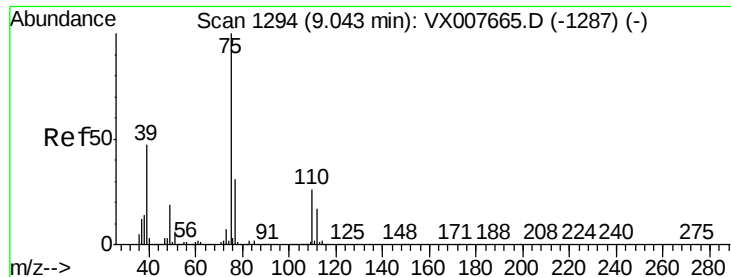
Tgt Ion: 43 Resp: 497023
 Ion Ratio Lower Upper
 43 100
 58 39.5 31.2 46.8



#52
 Toluene
 Concen: 19.068 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: VX007809.D
 Acq: 04 Mar 2019 14:35

Tgt Ion: 92 Resp: 154723
 Ion Ratio Lower Upper
 92 100
 91 172.6 139.1 208.7





#53

t-1,3-Dichloropropene

Concen: 18.768 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX007809.D

Acq: 04 Mar 2019 14:35

Instrument :

MSVOA_X

ClientSampleId :

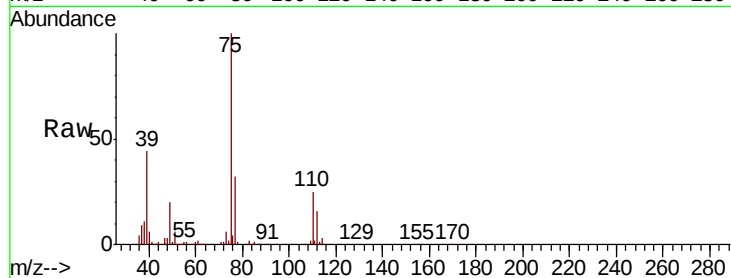
VX0304MBS01

Tgt Ion: 75 Resp: 84736

Ion Ratio Lower Upper

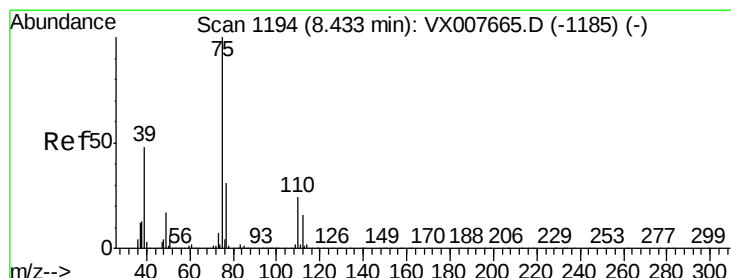
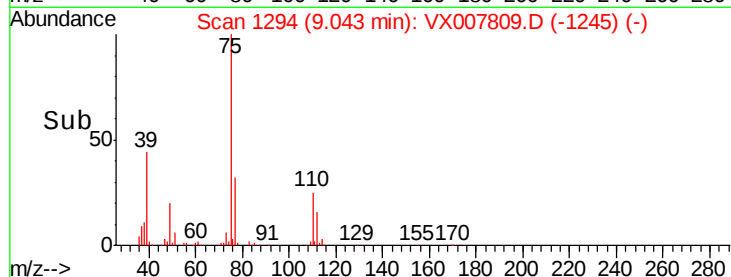
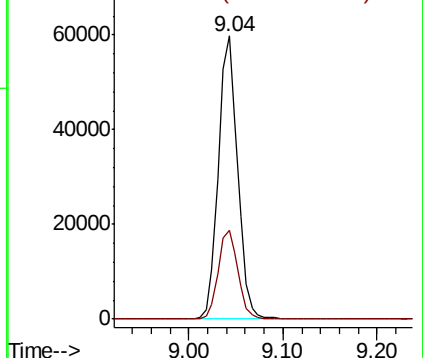
75 100

77 31.4 25.2 37.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 19.837 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX007809.D

Acq: 04 Mar 2019 14:35

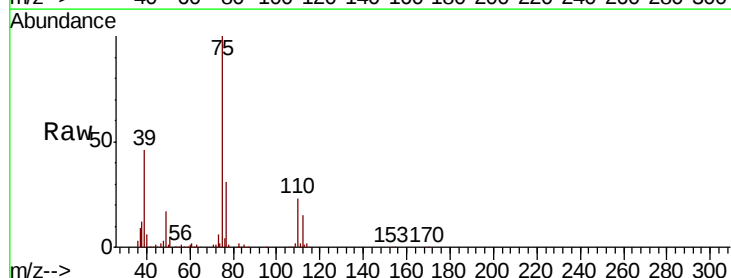
Tgt Ion: 75 Resp: 97008

Ion Ratio Lower Upper

75 100

77 31.2 26.2 39.4

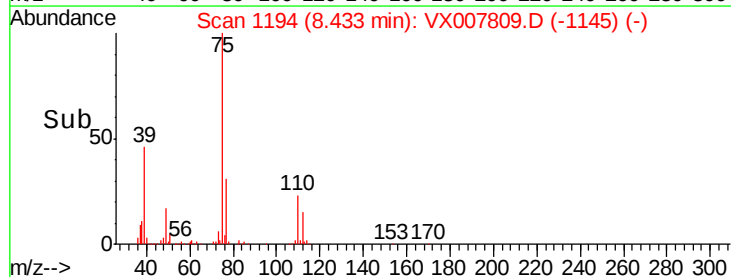
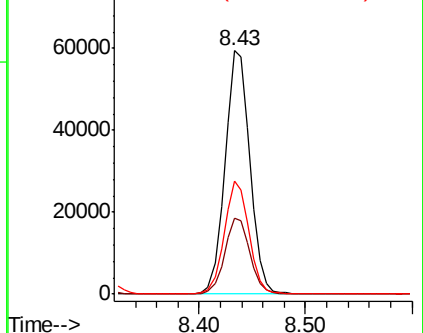
39 46.0 37.1 55.7

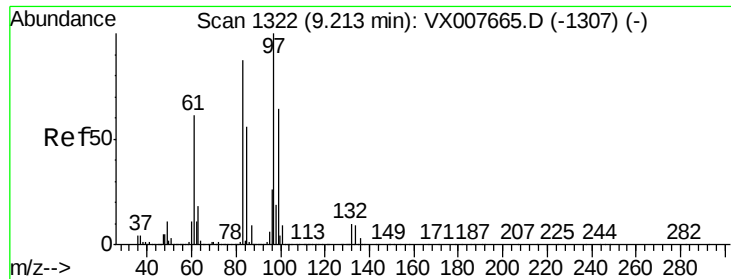


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

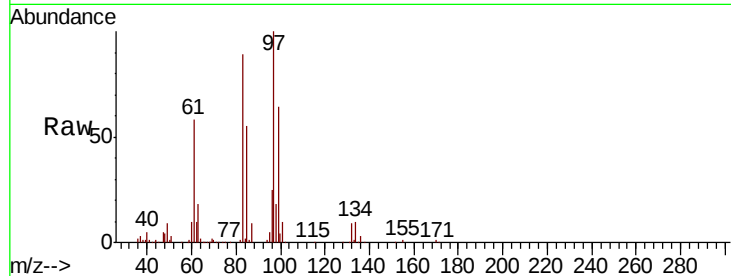




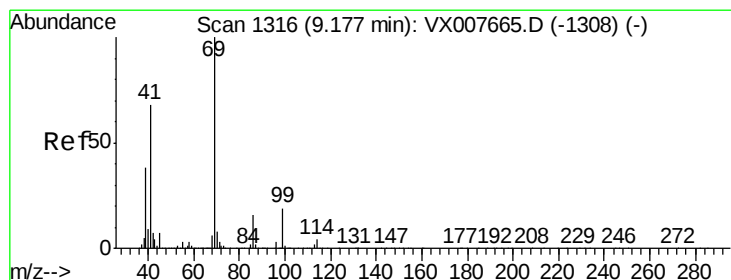
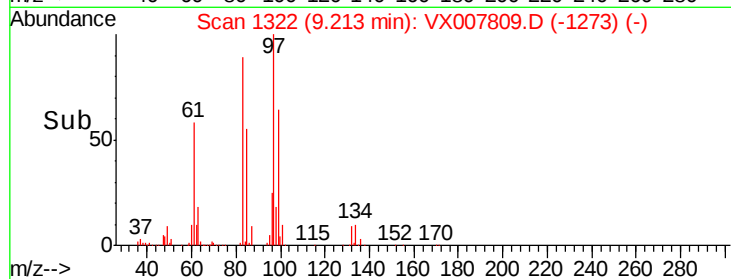
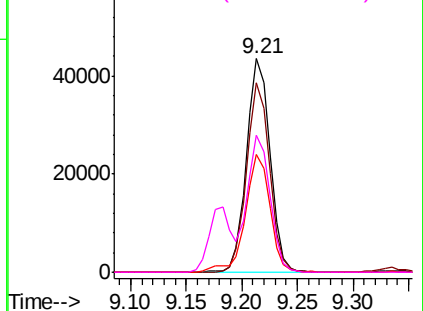
#55
 1,1,2-Trichloroethane
 Concen: 18.995 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX007809.D
 Acq: 04 Mar 2019 14:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0304MBS01

Tgt Ion:	97	Resp:	64272
Ion	Ratio	Lower	Upper
97	100		
83	88.9	68.6	102.8
85	54.9	44.5	66.7
99	63.8	52.2	78.4

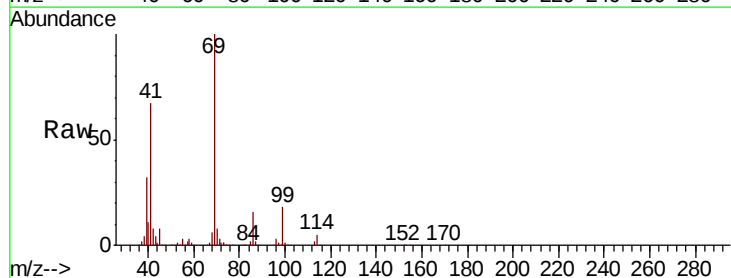


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

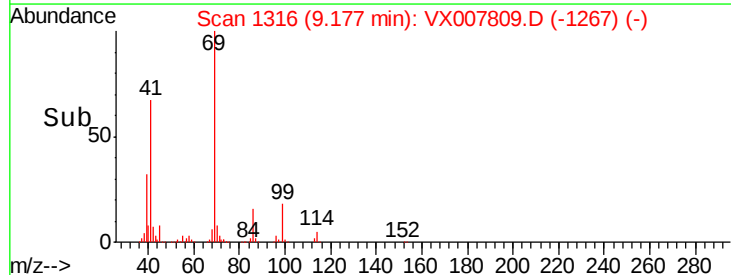
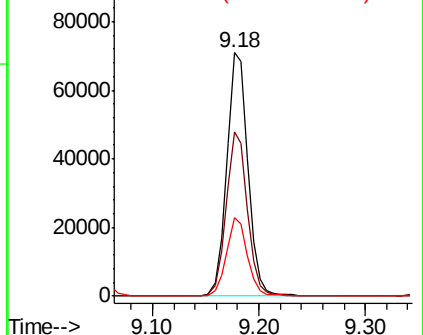


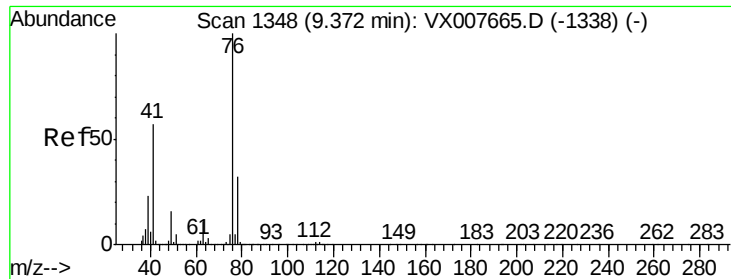
#56
 Ethyl methacrylate
 Concen: 20.575 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX007809.D
 Acq: 04 Mar 2019 14:35

Tgt Ion:	69	Resp:	99000
Ion	Ratio	Lower	Upper
69	100		
41	67.5	52.1	78.1
39	31.4	30.1	45.1



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





#57

1,3-Dichloropropane

Concen: 20.104 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX007809.D

Acq: 04 Mar 2019 14:35

Instrument :

MSVOA_X

ClientSampleId :

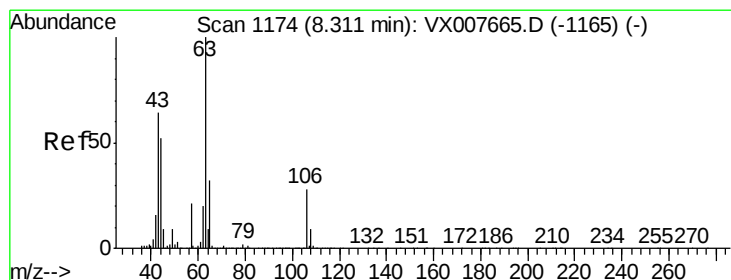
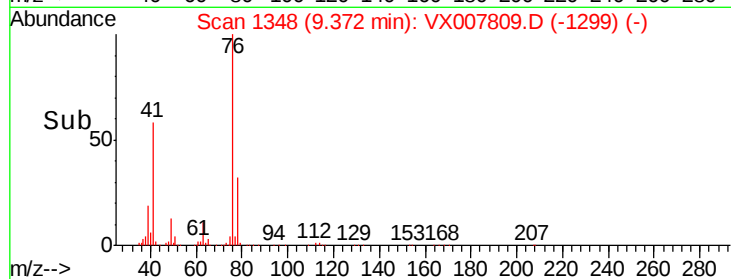
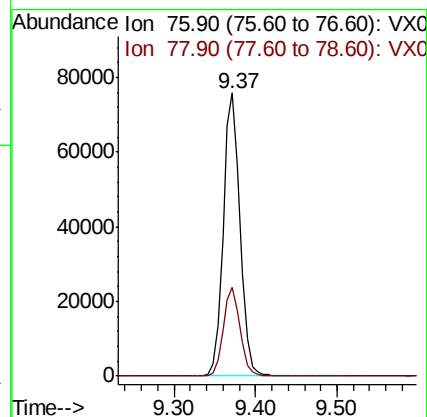
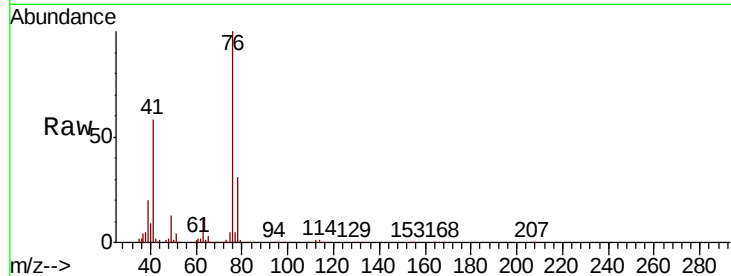
VX0304MBS01

Tgt Ion: 76 Resp: 108891

Ion Ratio Lower Upper

76 100

78 31.4 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 102.282 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX007809.D

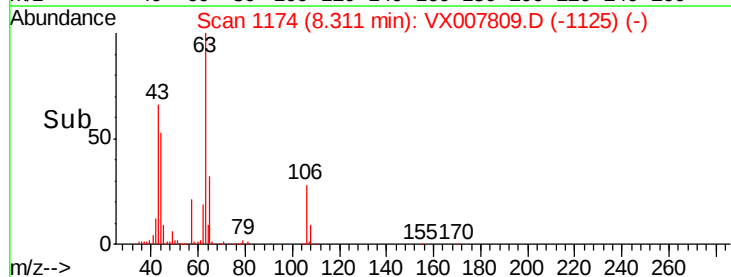
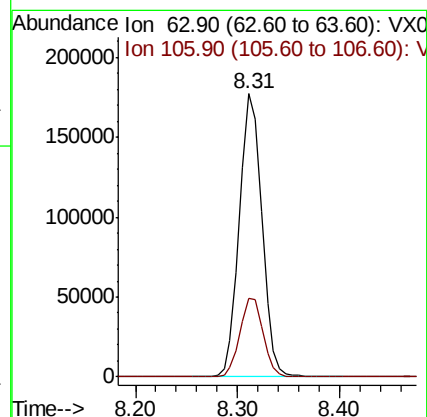
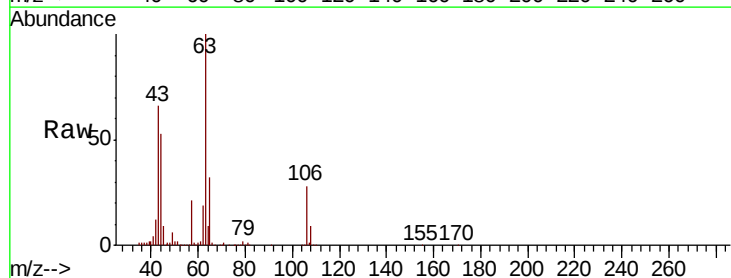
Acq: 04 Mar 2019 14:35

Tgt Ion: 63 Resp: 271400

Ion Ratio Lower Upper

63 100

106 28.3 23.6 35.4

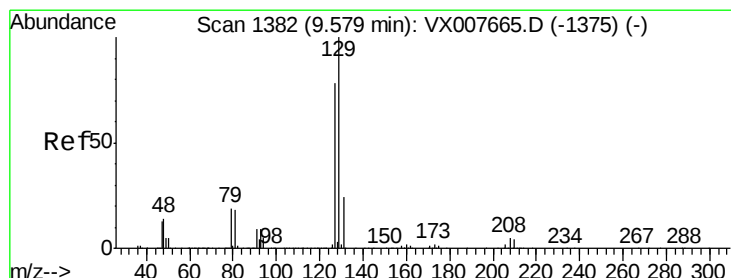
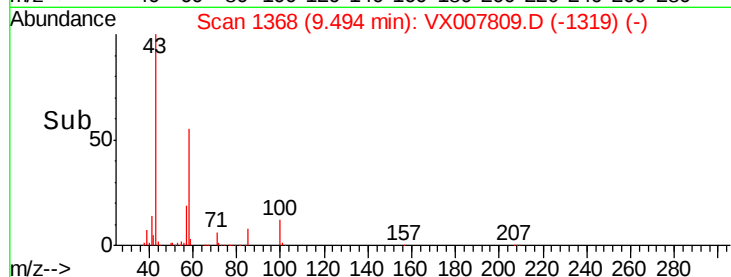
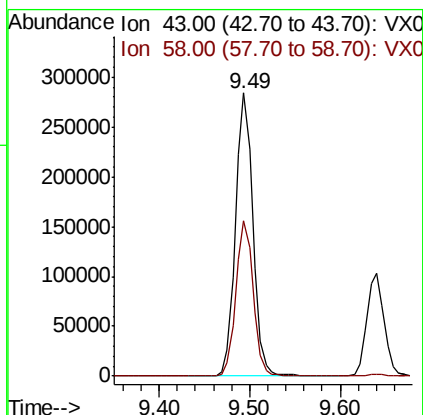
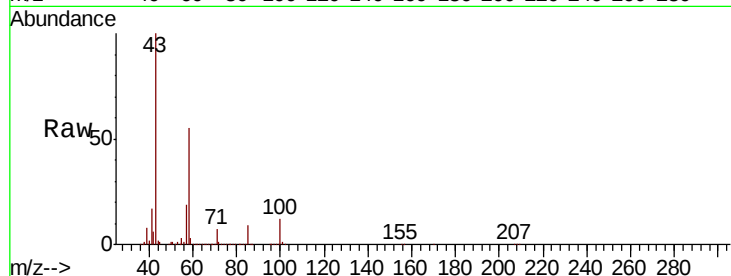




#59
2-Hexanone
Concen: 100.767 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007809.D
Acq: 04 Mar 2019 14:35

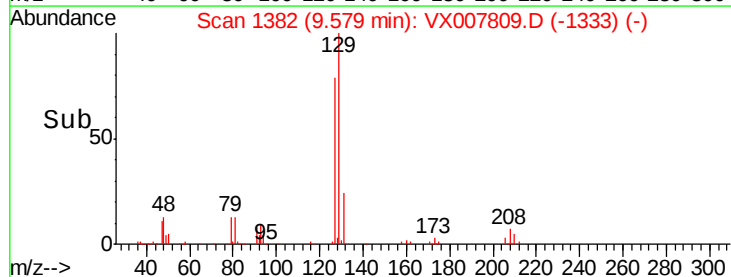
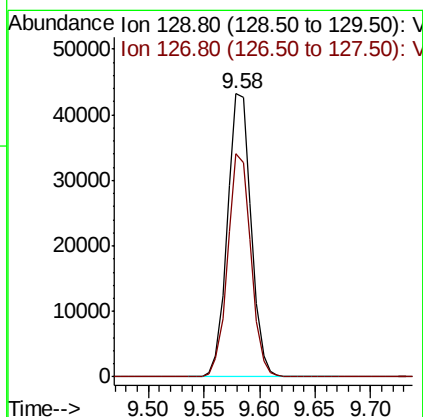
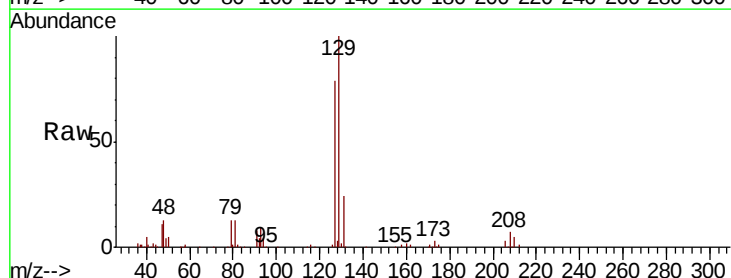
Instrument :
MSVOA_X
ClientSampleId :
VX0304MBS01

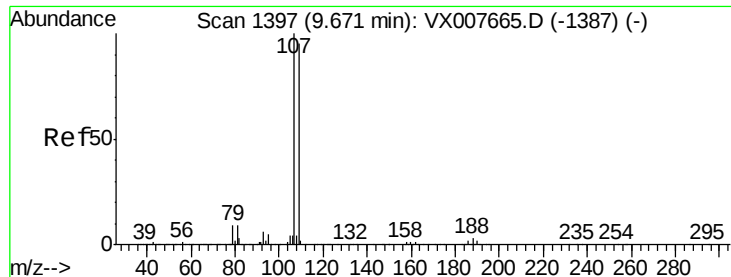
Tgt Ion: 43 Resp: 377384
Ion Ratio Lower Upper
43 100
58 54.9 27.1 81.3



#60
Dibromochloromethane
Concen: 19.573 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX007809.D
Acq: 04 Mar 2019 14:35

Tgt Ion: 129 Resp: 63728
Ion Ratio Lower Upper
129 100
127 77.0 37.8 113.4





#61

1,2-Dibromoethane

Concen: 19.363 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007809.D

Acq: 04 Mar 2019 14:35

Instrument :

MSVOA_X

ClientSampleId :

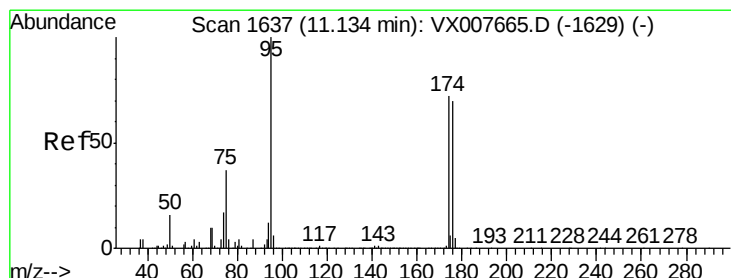
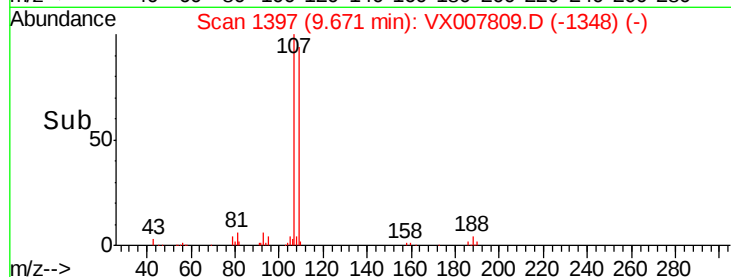
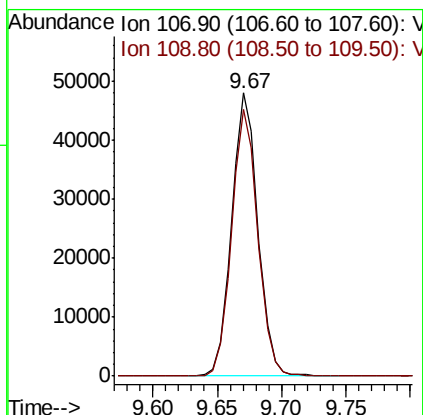
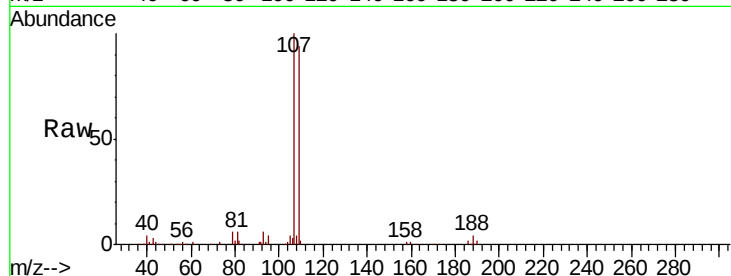
VX0304MBS01

Tgt Ion: 107 Resp: 68025

Ion Ratio Lower Upper

107 100

109 94.3 75.1 112.7



#62

4-Bromofluorobenzene

Concen: 44.704 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007809.D

Acq: 04 Mar 2019 14:35

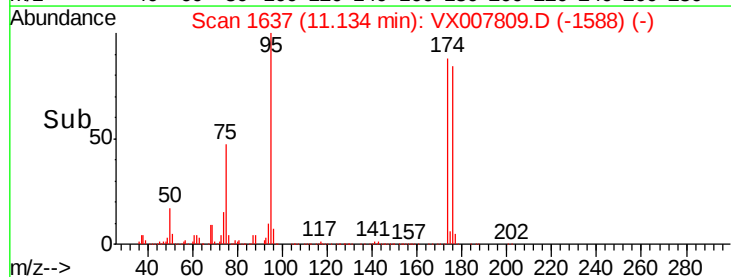
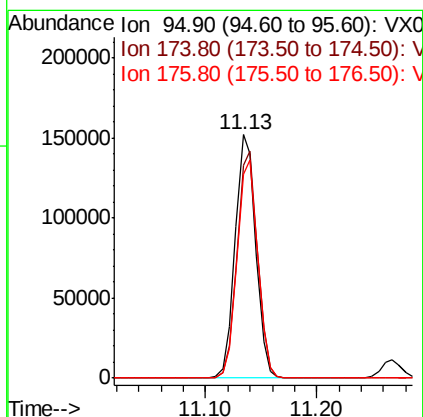
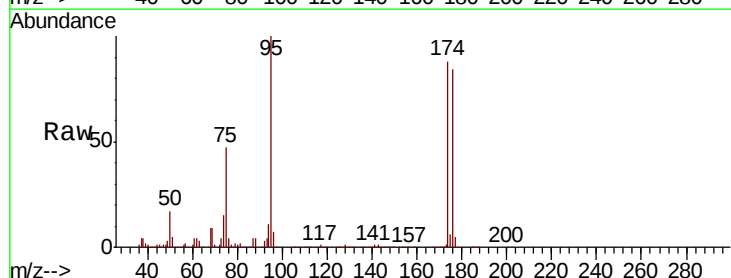
Tgt Ion: 95 Resp: 194691

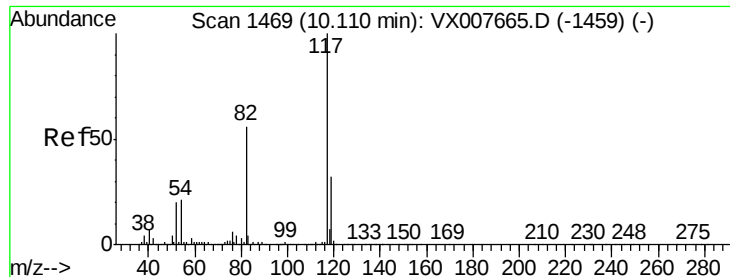
Ion Ratio Lower Upper

95 100

174 93.1 0.0 189.2

176 90.4 0.0 186.2

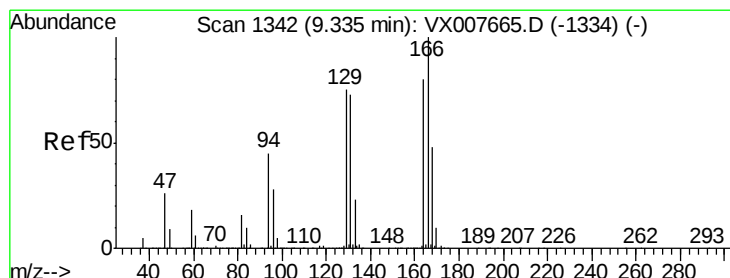
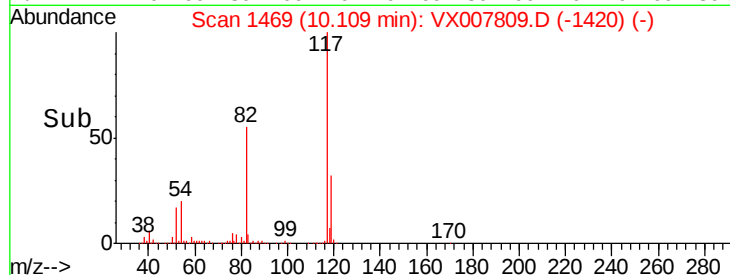
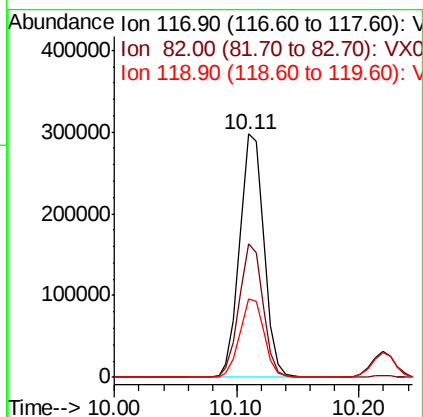
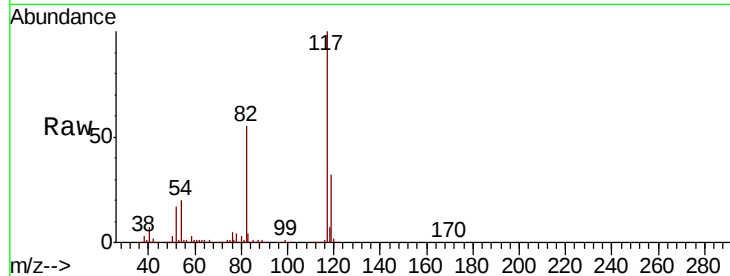




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007809.D
Acq: 04 Mar 2019 14:35

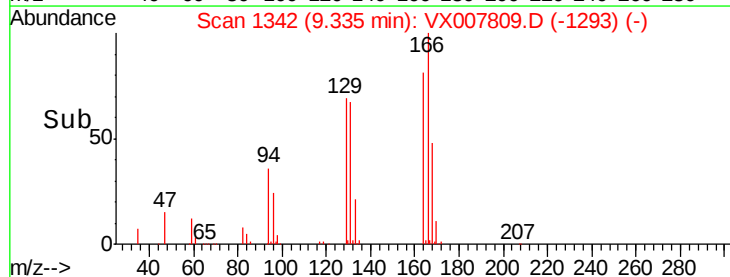
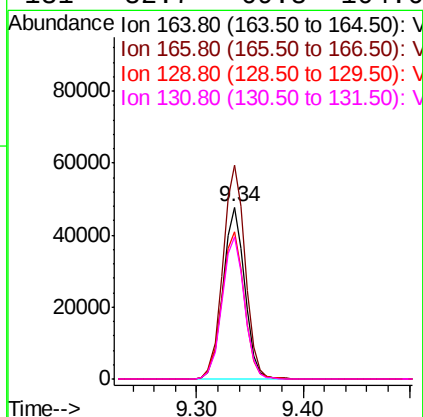
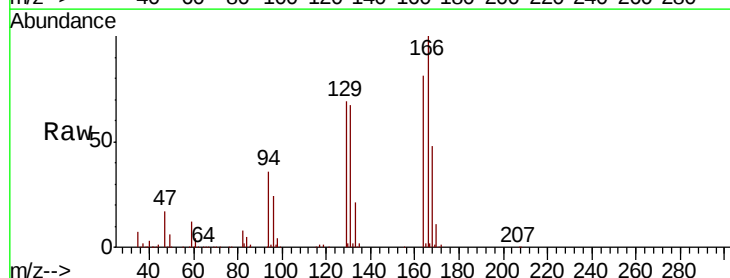
Instrument :
MSVOA_X
ClientSampleId :
VX0304MBS01

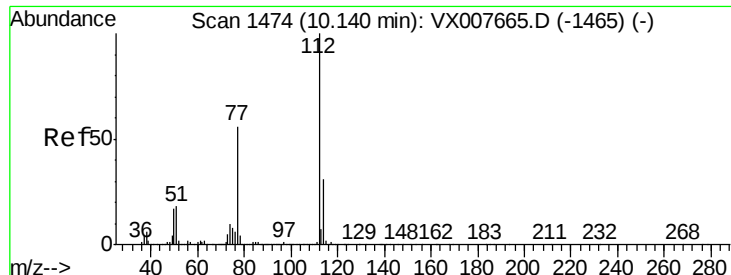
Tgt Ion:117 Resp: 407978
Ion Ratio Lower Upper
117 100
82 54.7 42.1 63.1
119 32.1 26.5 39.7



#64
Tetrachloroethene
Concen: 20.525 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007809.D
Acq: 04 Mar 2019 14:35

Tgt Ion:164 Resp: 67981
Ion Ratio Lower Upper
164 100
166 124.1 101.0 151.4
129 85.5 70.5 105.7
131 82.7 69.8 104.6

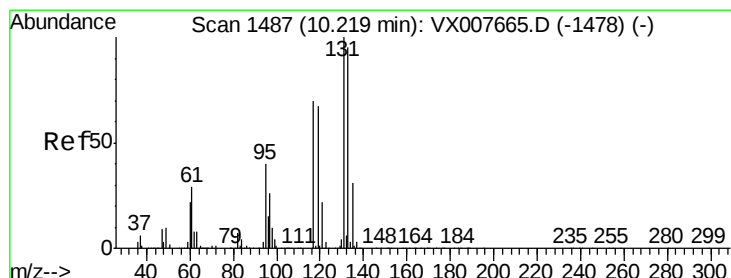
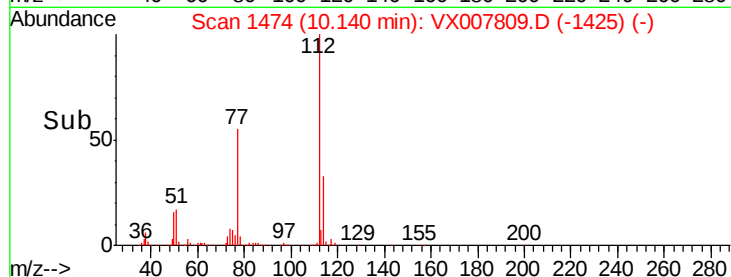
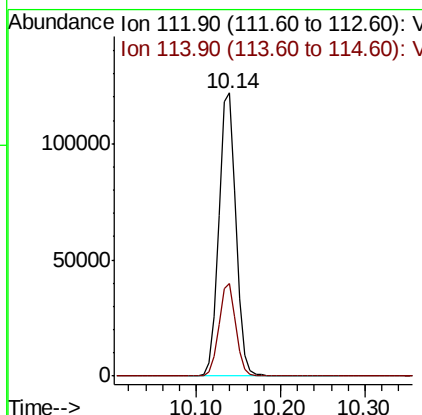
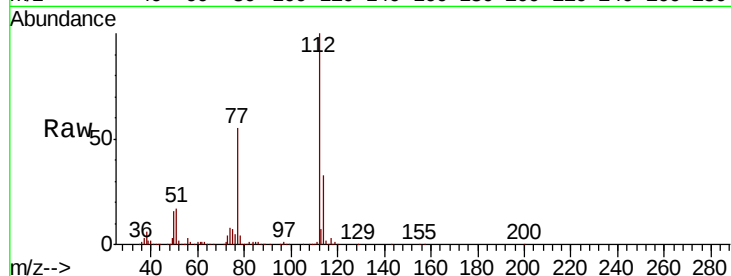




#65
Chlorobenzene
Concen: 19.464 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX007809.D
Acq: 04 Mar 2019 14:35

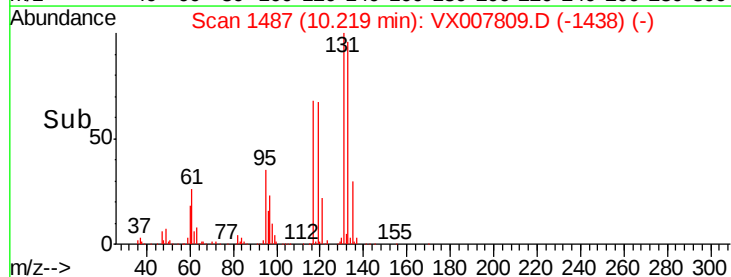
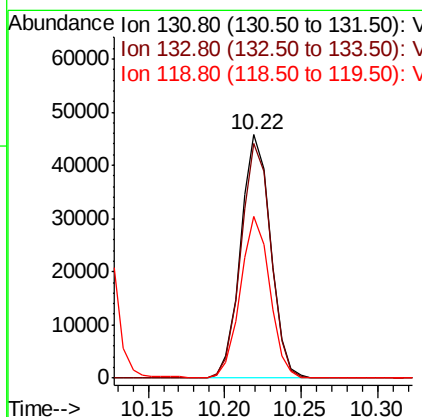
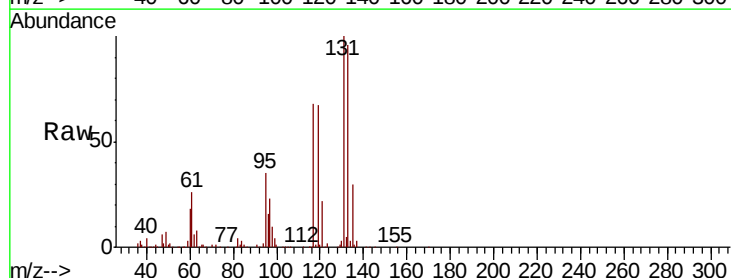
Instrument :
MSVOA_X
ClientSampled :
VX0304MBS01

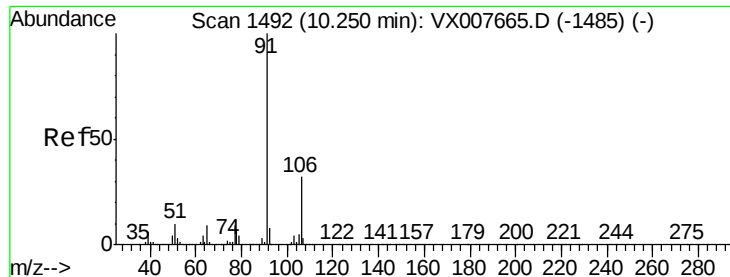
Tgt Ion:112 Resp: 171749
Ion Ratio Lower Upper
112 100
114 32.8 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.204 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX007809.D
Acq: 04 Mar 2019 14:35

Tgt Ion:131 Resp: 62186
Ion Ratio Lower Upper
131 100
133 96.5 48.0 144.2
119 65.1 32.0 96.0





#67

Ethyl Benzene

Concen: 19.672 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX007809.D

Acq: 04 Mar 2019 14:35

Instrument :

MSVOA_X

ClientSampleId :

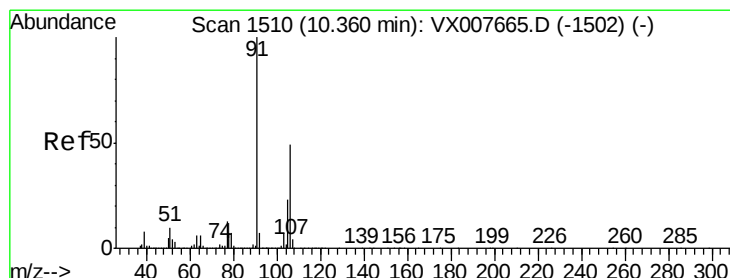
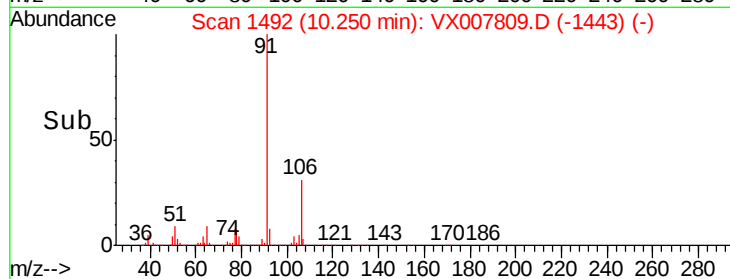
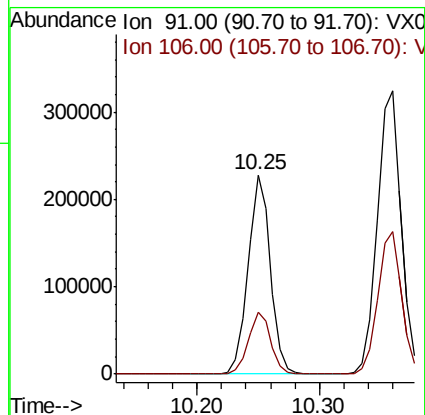
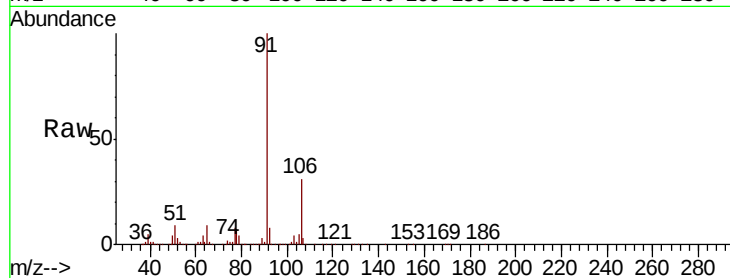
VX0304MBS01

Tgt Ion: 91 Resp: 287544

Ion Ratio Lower Upper

91 100

106 31.1 25.4 38.0



#68

m/p-Xylenes

Concen: 38.895 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007809.D

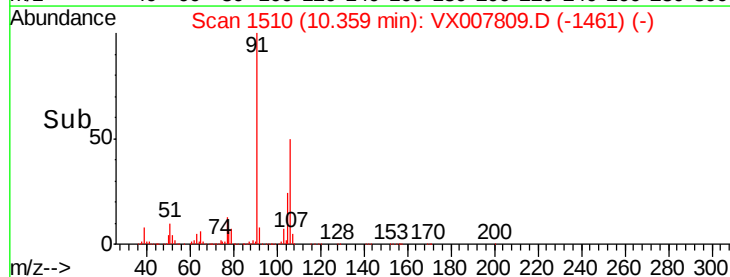
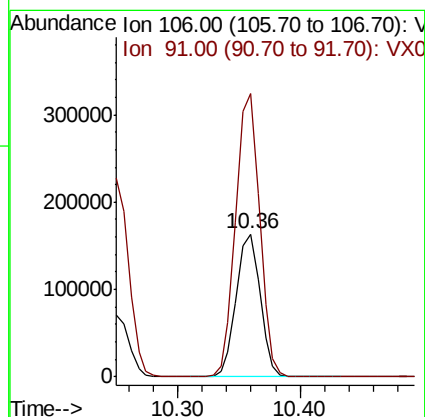
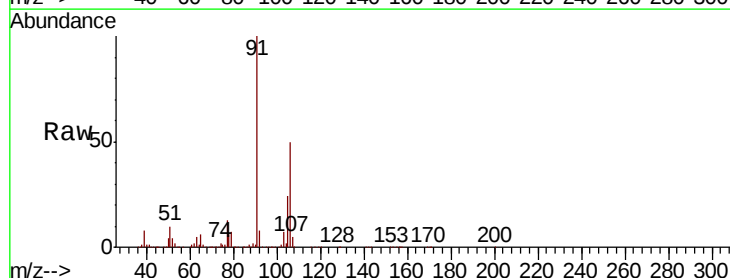
Acq: 04 Mar 2019 14:35

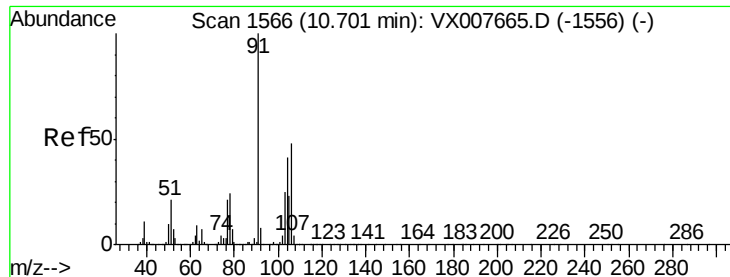
Tgt Ion: 106 Resp: 221175

Ion Ratio Lower Upper

106 100

91 198.8 156.6 234.8

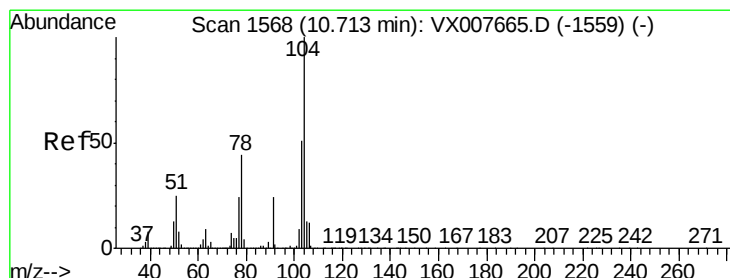
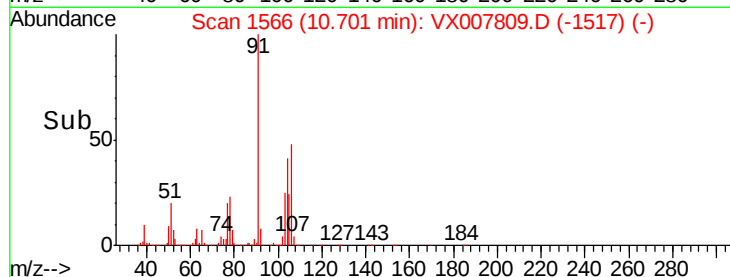
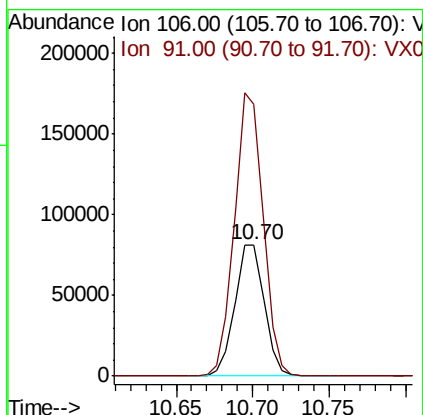
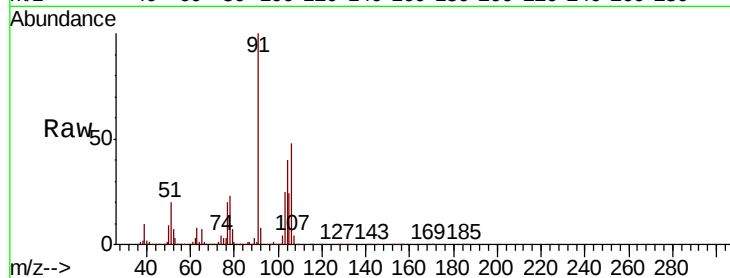




#69
o-Xylene
Concen: 19.817 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX007809.D
Acq: 04 Mar 2019 14:35

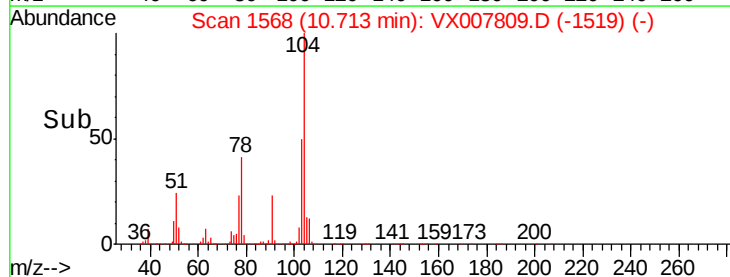
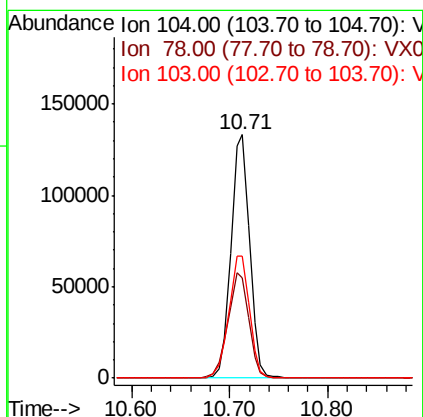
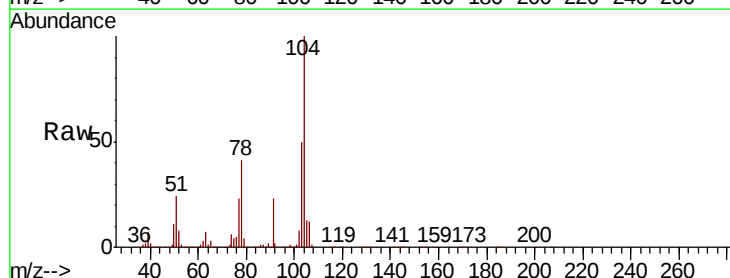
Instrument :
MSVOA_X
ClientSampleId :
VX0304MBS01

Tgt Ion:106 Resp: 108391
Ion Ratio Lower Upper
106 100
91 211.4 102.9 308.7



#70
Styrene
Concen: 19.715 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007809.D
Acq: 04 Mar 2019 14:35

Tgt Ion:104 Resp: 177251
Ion Ratio Lower Upper
104 100
78 48.0 38.3 57.5
103 55.5 44.6 67.0





#71

Bromoform

Concen: 21.818 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX007809.D

Acq: 04 Mar 2019 14:35

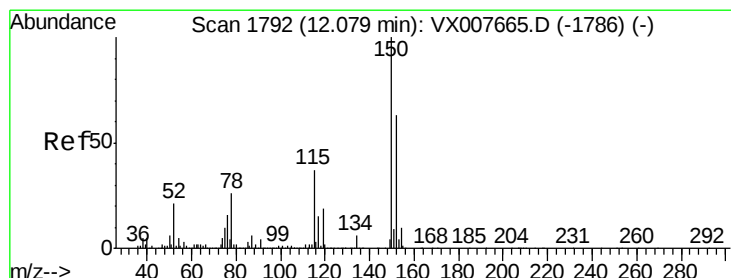
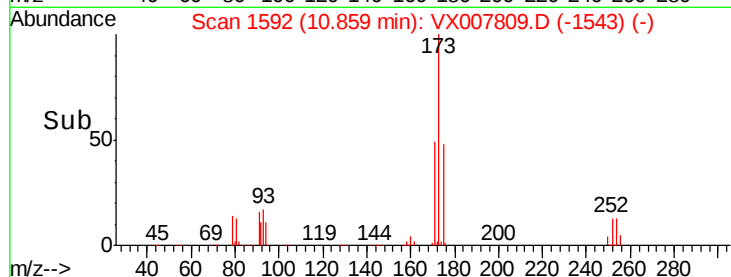
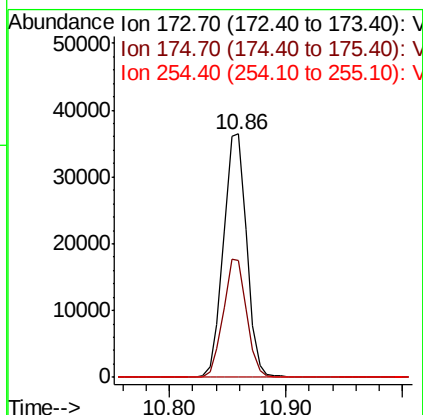
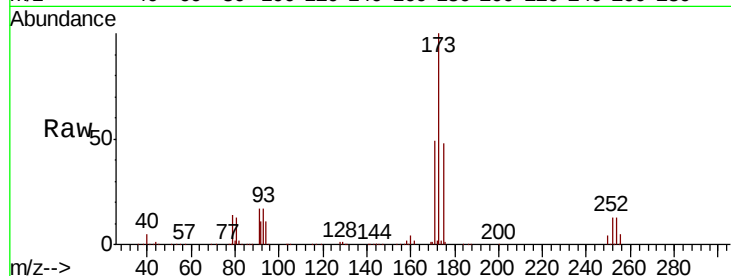
Instrument :

MSVOA_X

ClientSampleId :

VX0304MBS01

Tgt Ion:	173	Resp:	50357
Ion Ratio	Lower	Upper	
173	100		
175	48.3	24.2	72.6
254	0.1	0.2	0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

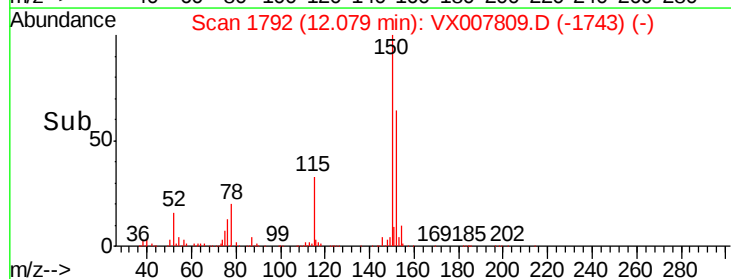
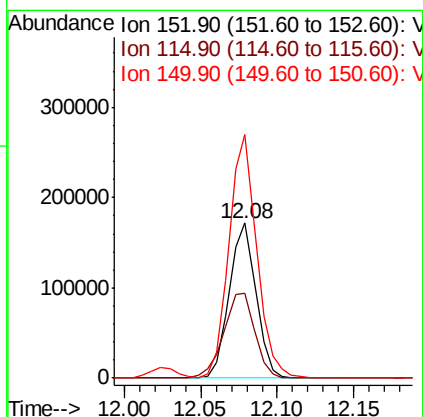
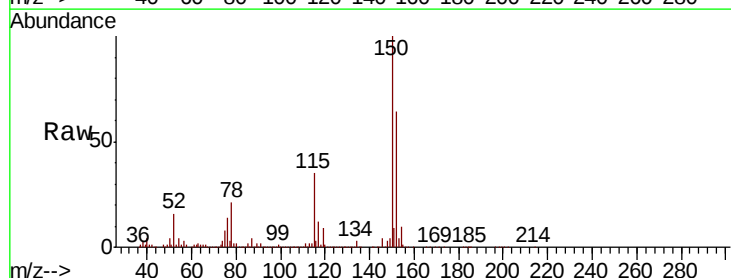
RT: 12.08 min Scan# 1792

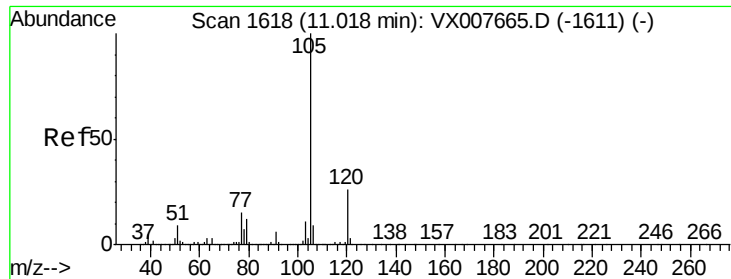
Delta R.T. -0.00 min

Lab File: VX007809.D

Acq: 04 Mar 2019 14:35

Tgt Ion:	152	Resp:	207128
Ion Ratio	Lower	Upper	
152	100		
115	63.7	38.0	114.0
150	164.1	0.0	346.4





#73

Isopropylbenzene

Concen: 19.672 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007809.D

Acq: 04 Mar 2019 14:35

Instrument :

MSVOA_X

ClientSampleId :

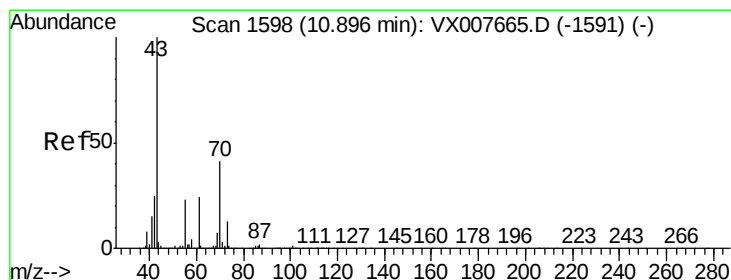
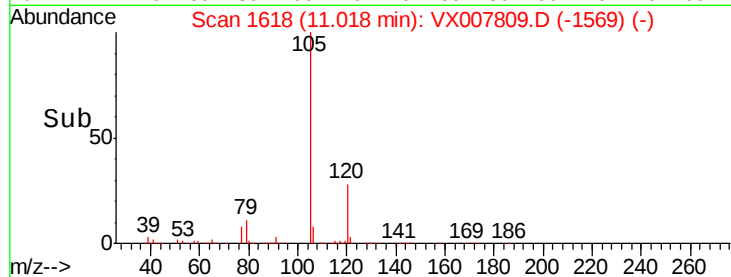
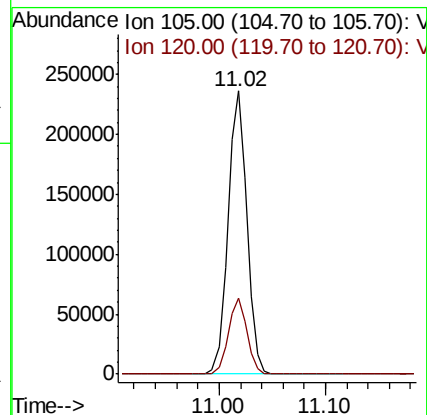
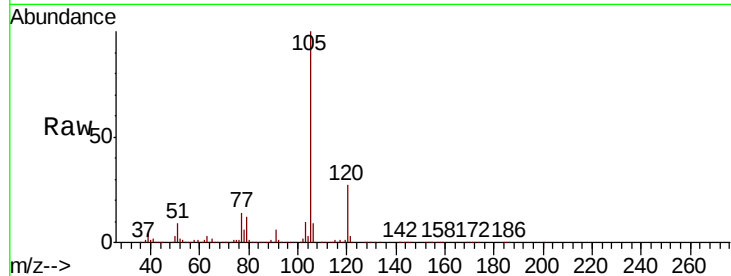
VX0304MBS01

Tgt Ion: 105 Resp: 291215

Ion Ratio Lower Upper

105 100

120 26.5 13.6 40.7



#74

N-ethyl acetate

Concen: 20.288 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007809.D

Acq: 04 Mar 2019 14:35

Tgt Ion: 43 Resp: 130424

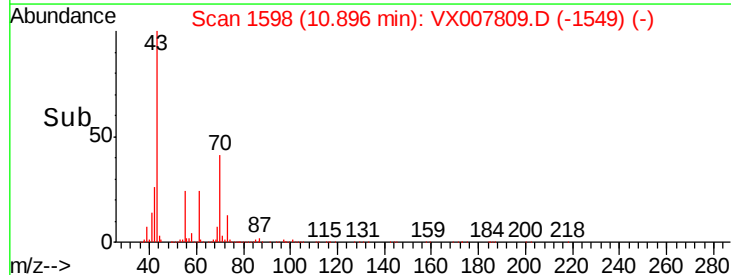
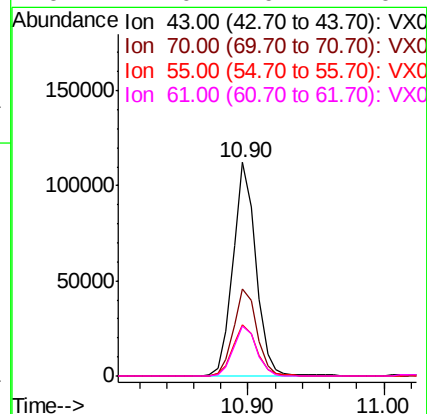
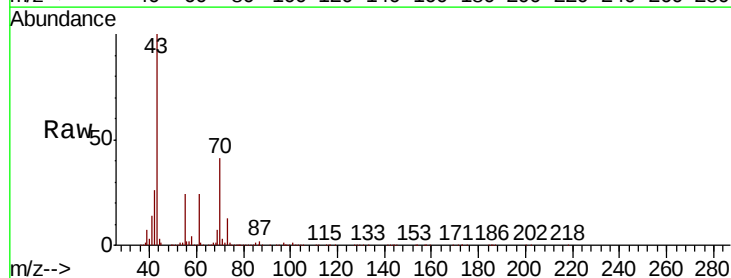
Ion Ratio Lower Upper

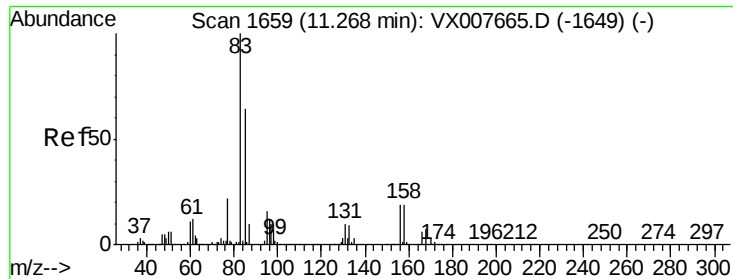
43 100

70 42.3 33.8 50.6

55 24.8 19.5 29.3

61 24.0 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 18.814 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007809.D

Acq: 04 Mar 2019 14:35

Instrument :

MSVOA_X

ClientSampleId :

VX0304MBS01

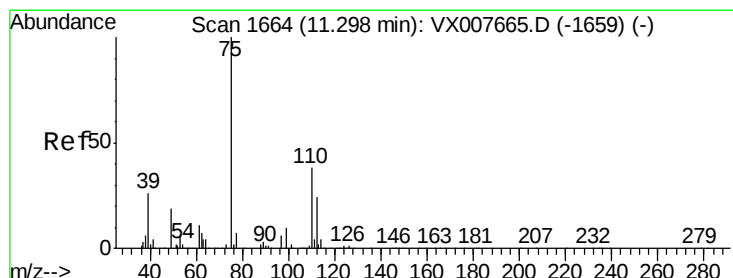
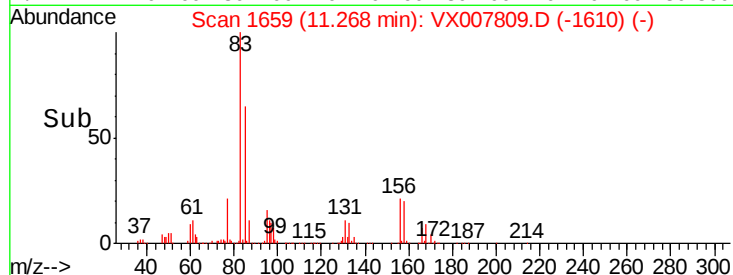
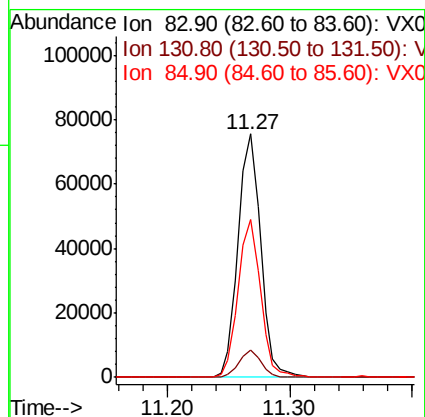
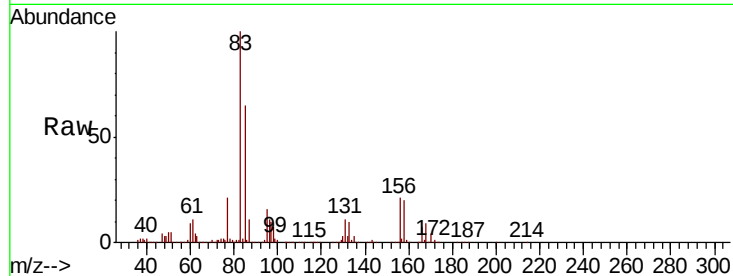
Tgt Ion: 83 Resp: 96332

Ion Ratio Lower Upper

83 100

131 10.8 5.7 17.0

85 64.8 32.8 98.3



#76

1,2,3-Trichloropropane

Concen: 24.817 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX007809.D

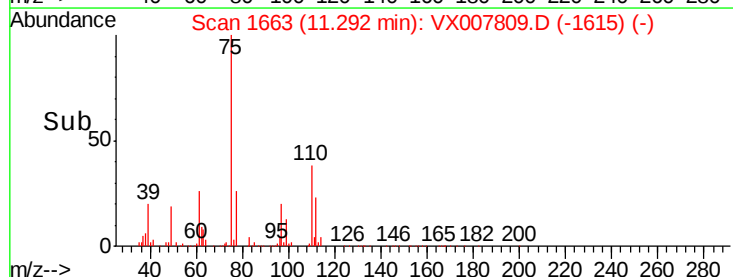
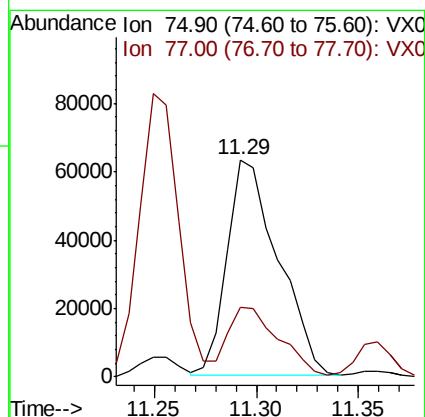
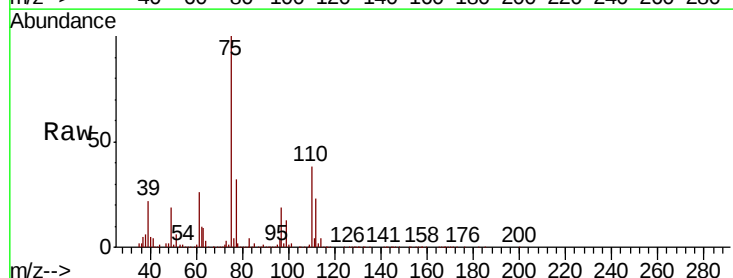
Acq: 04 Mar 2019 14:35

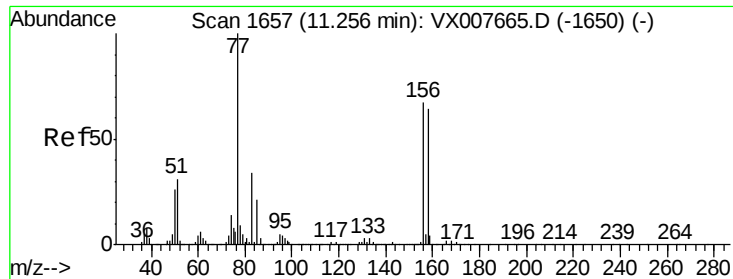
Tgt Ion: 75 Resp: 109569

Ion Ratio Lower Upper

75 100

77 32.9 23.0 69.0





#77

Bromobenzene

Concen: 21.105 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007809.D

Acq: 04 Mar 2019 14:35

Instrument :

MSVOA_X

ClientSampleId :

VX0304MBS01

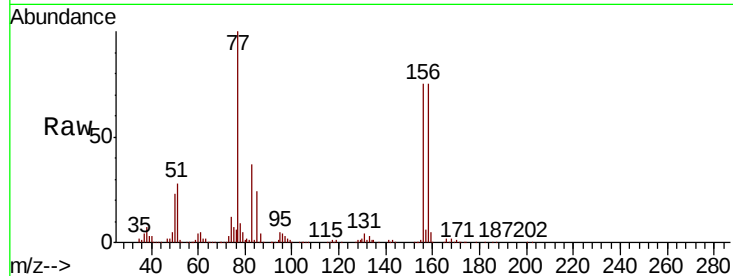
Tgt Ion:156 Resp: 78365

Ion Ratio Lower Upper

156 100

77 140.0 66.8 200.6

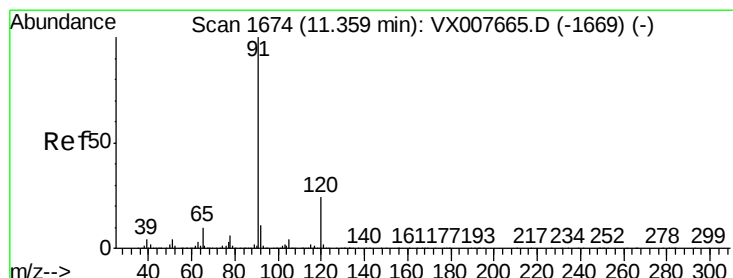
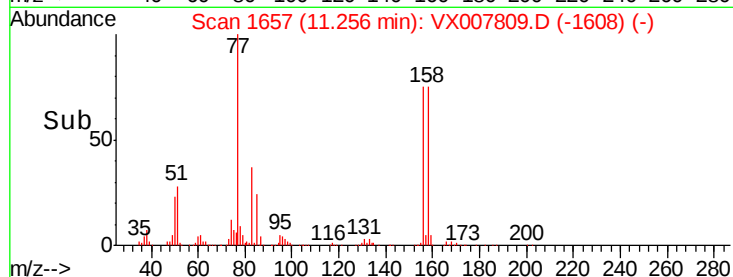
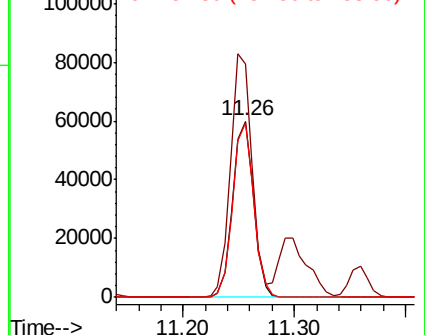
158 98.7 47.9 143.8



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: 19.306 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007809.D

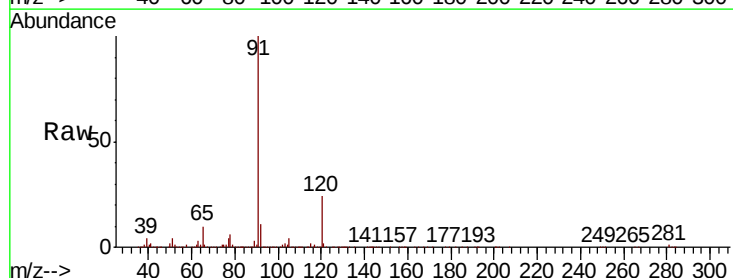
Acq: 04 Mar 2019 14:35

Tgt Ion: 91 Resp: 322958

Ion Ratio Lower Upper

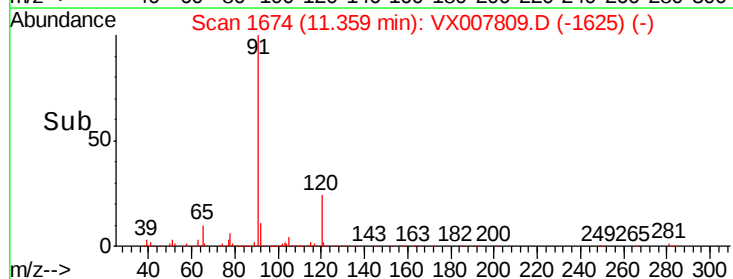
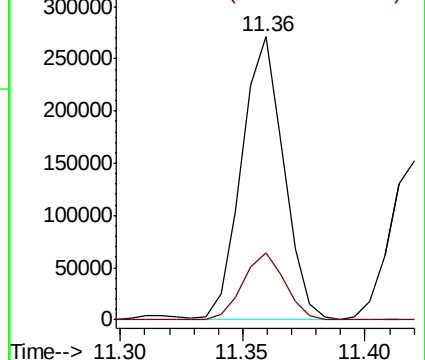
91 100

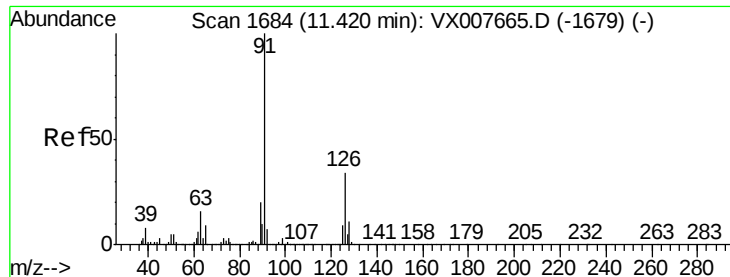
120 23.7 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.106 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007809.D

Acq: 04 Mar 2019 14:35

Instrument :

MSVOA_X

ClientSampleId :

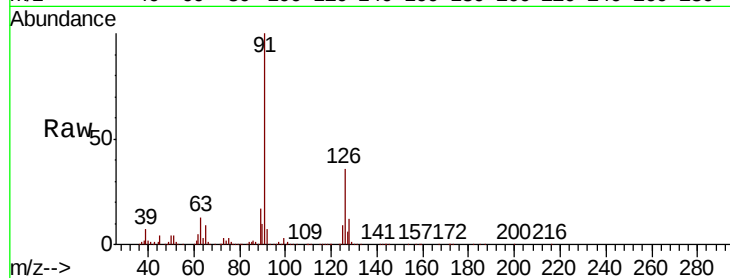
VX0304MBS01

Tgt Ion: 91 Resp: 192448

Ion Ratio Lower Upper

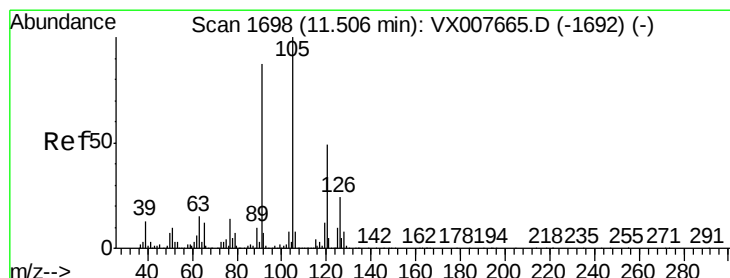
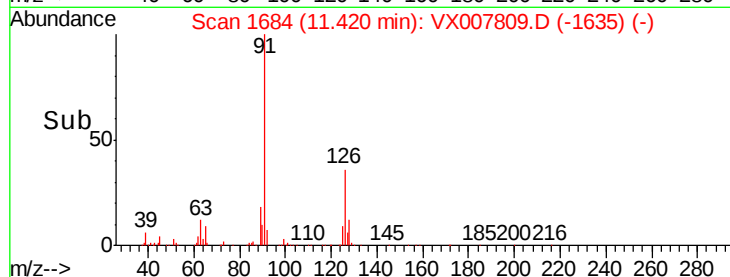
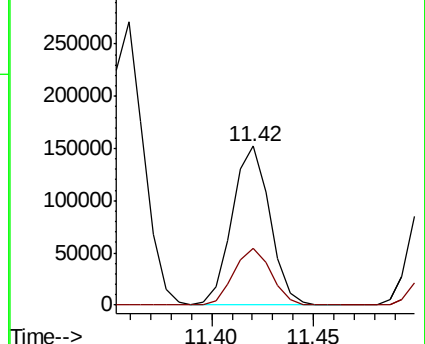
91 100

126 35.8 18.7 56.1



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: 19.497 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007809.D

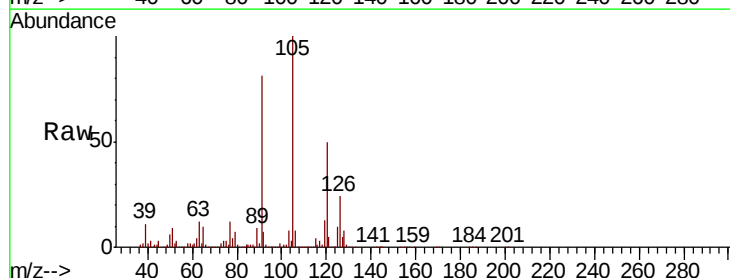
Acq: 04 Mar 2019 14:35

Tgt Ion: 105 Resp: 237408

Ion Ratio Lower Upper

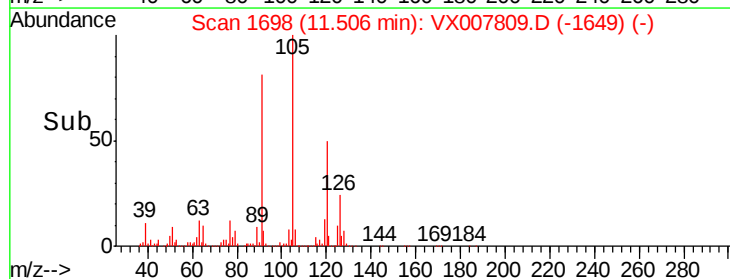
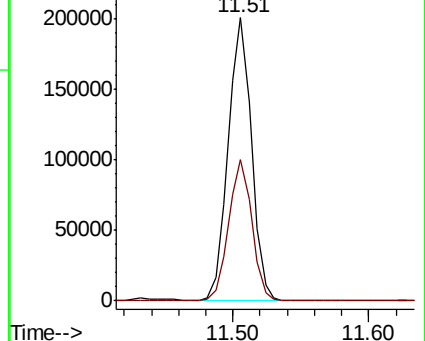
105 100

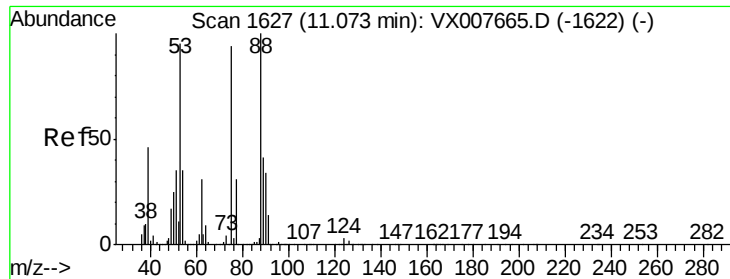
120 49.8 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

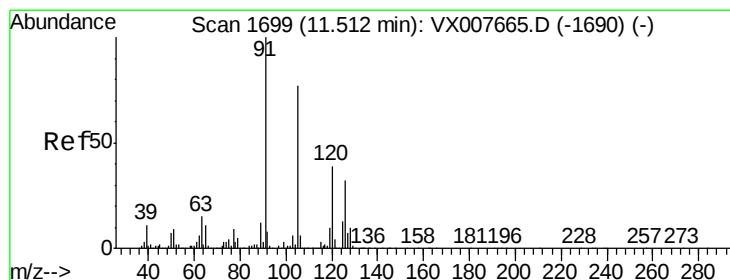
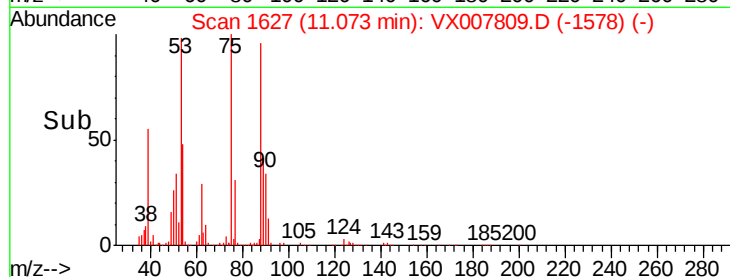
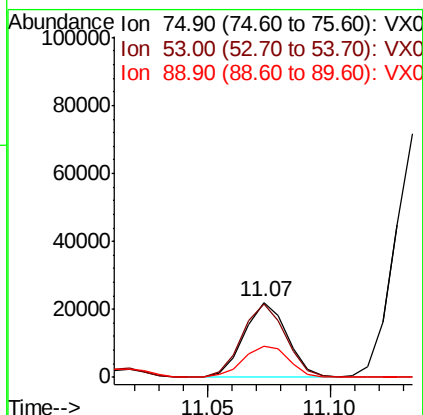
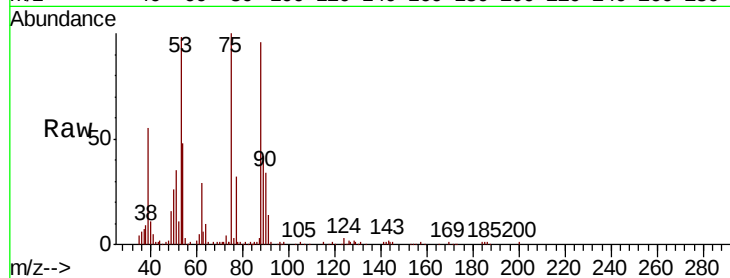




#81
trans-1,4-Dichloro-2-butene
Concen: 18.394 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX007809.D
Acq: 04 Mar 2019 14:35

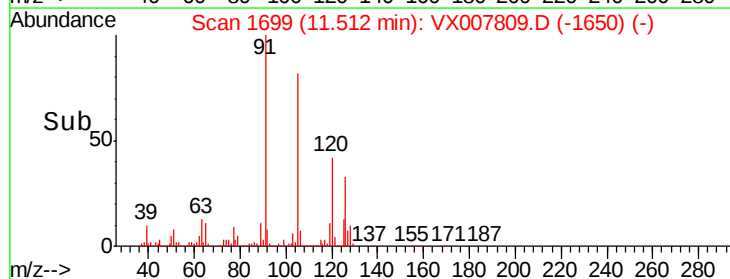
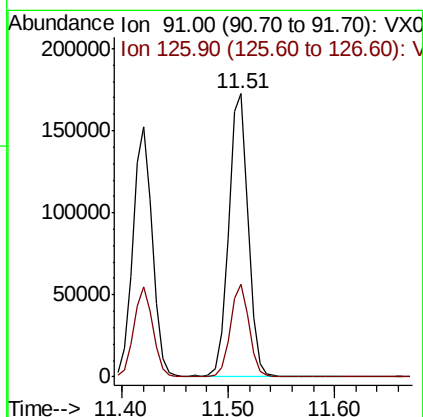
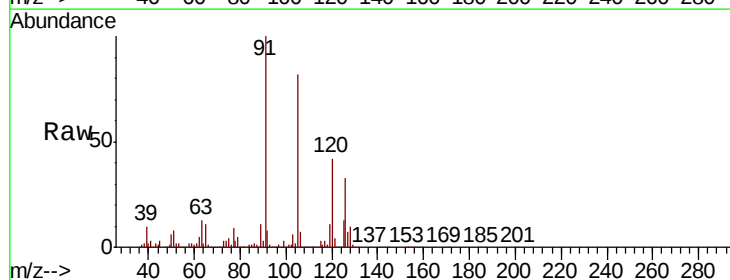
Instrument :
MSVOA_X
ClientSampleId :
VX0304MBS01

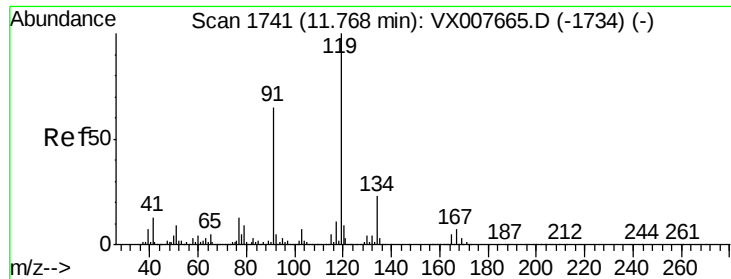
Tgt Ion: 75 Resp: 26970
Ion Ratio Lower Upper
75 100
53 99.7 81.0 121.6
89 45.1 41.4 62.0



#82
4-Chlorotoluene
Concen: 18.724 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX007809.D
Acq: 04 Mar 2019 14:35

Tgt Ion: 91 Resp: 220628
Ion Ratio Lower Upper
91 100
126 31.3 16.2 48.5

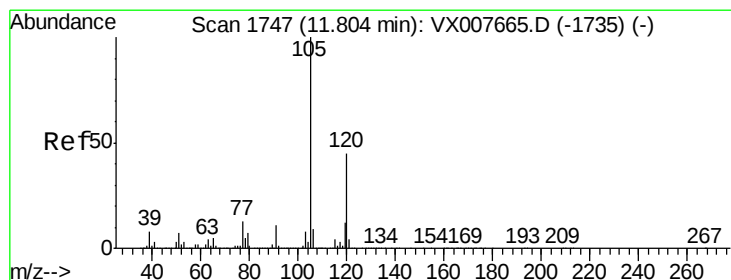
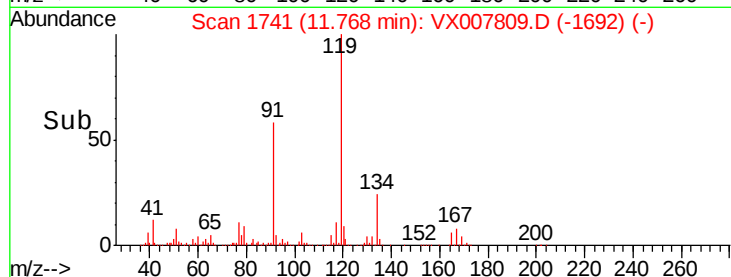
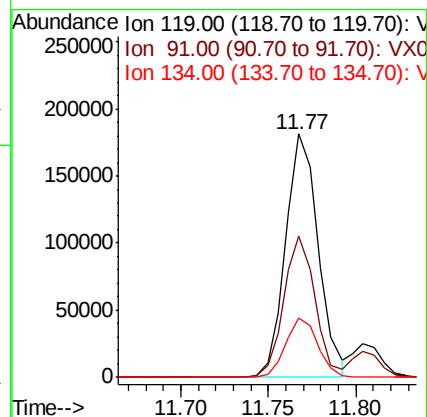
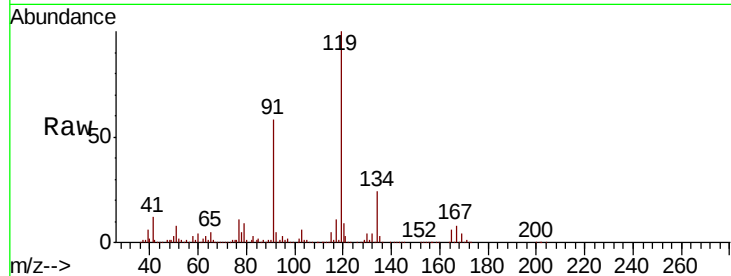




#83
tert-Butylbenzene
Concen: 20.155 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX007809.D
Acq: 04 Mar 2019 14:35

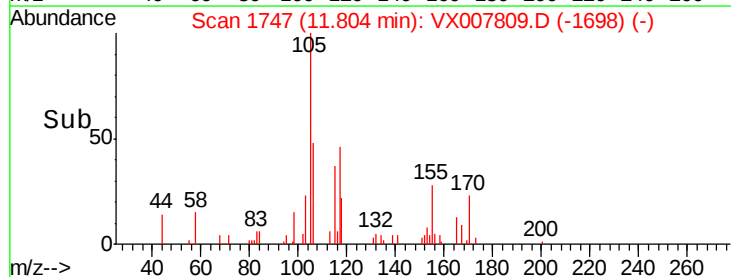
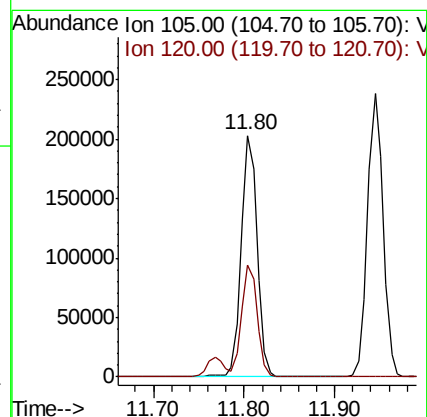
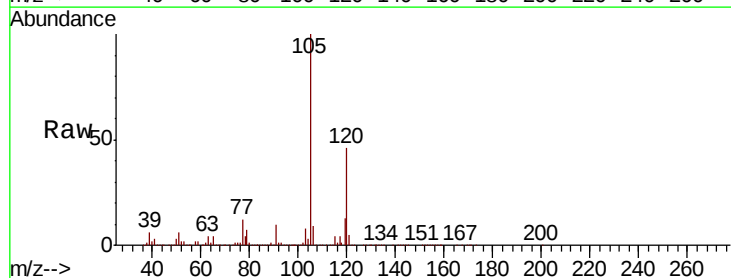
Instrument :
MSVOA_X
ClientSampleId :
VX0304MBS01

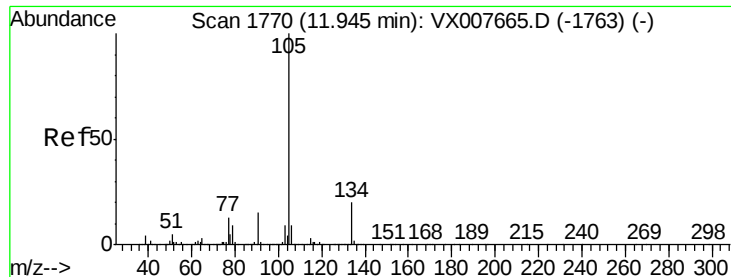
Tgt Ion	Ratio	Lower	Upper
119	100		
91	55.6	28.5	85.6
134	23.9	12.0	36.0



#84
1,2,4-Trimethylbenzene
Concen: 19.923 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX007809.D
Acq: 04 Mar 2019 14:35

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.1	23.1	69.3





#85

sec-Butylbenzene

Concen: 19.447 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007809.D

Acq: 04 Mar 2019 14:35

Instrument :

MSVOA_X

ClientSampleId :

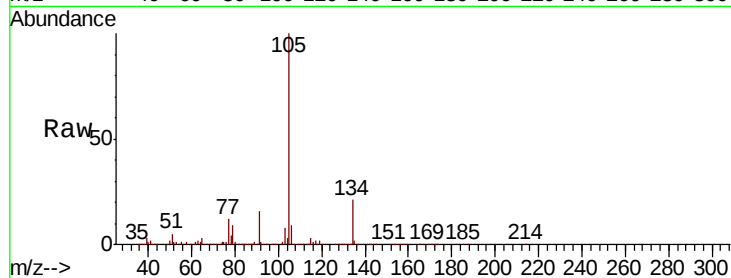
VX0304MBS01

Tgt Ion:105 Resp: 284909

Ion Ratio Lower Upper

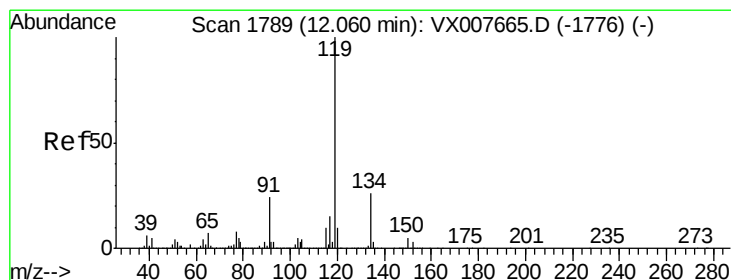
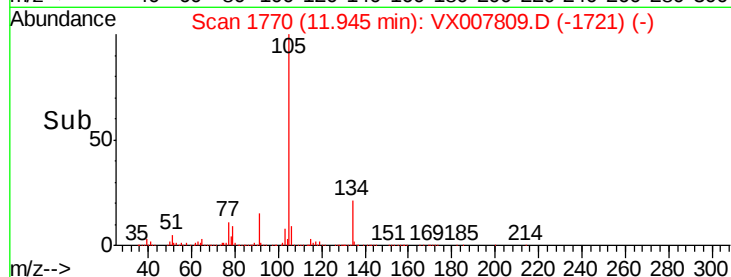
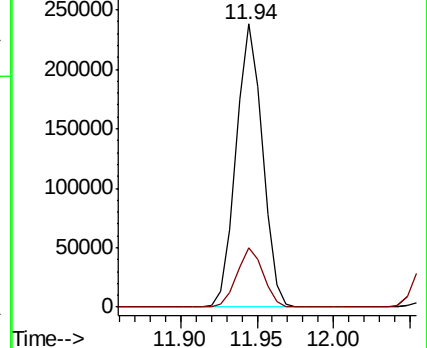
105 100

134 20.8 10.6 31.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.854 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX007809.D

Acq: 04 Mar 2019 14:35

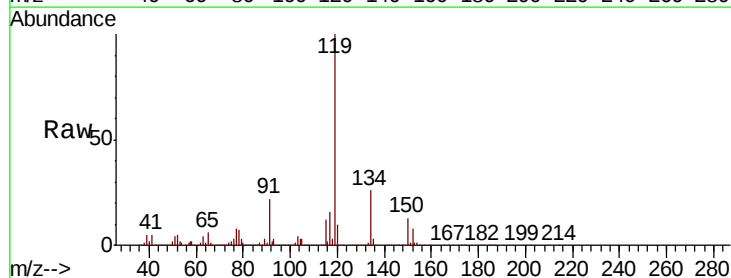
Tgt Ion:119 Resp: 254737

Ion Ratio Lower Upper

119 100

134 27.0 13.7 41.1

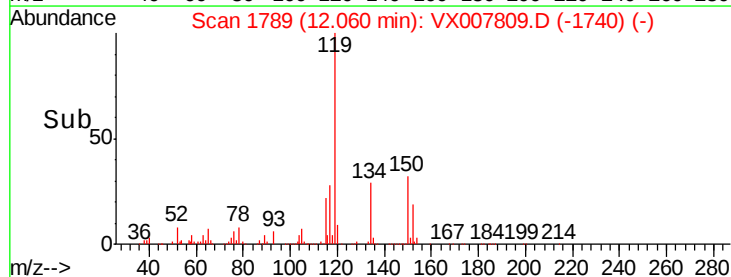
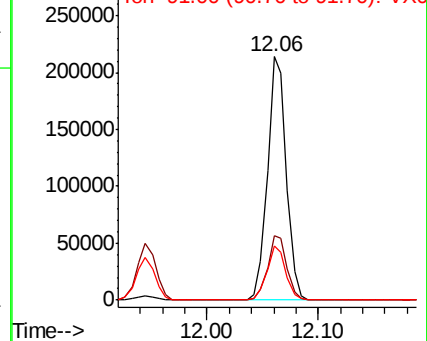
91 21.9 11.2 33.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

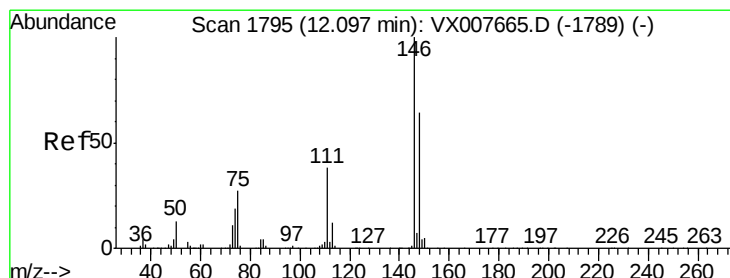
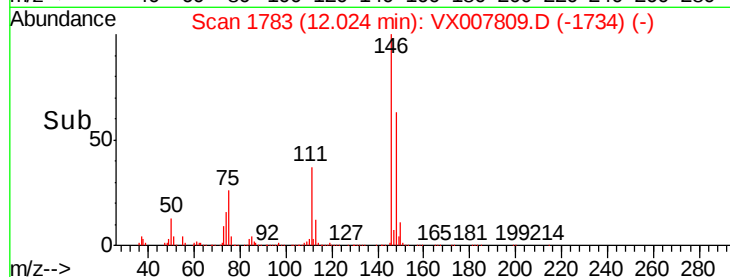
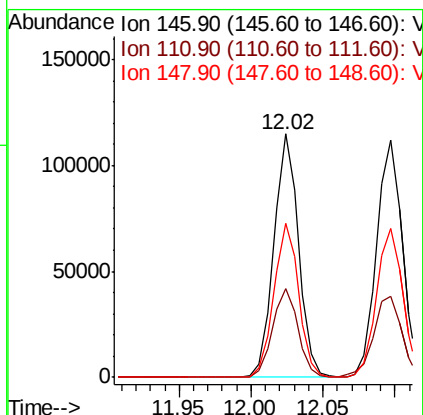
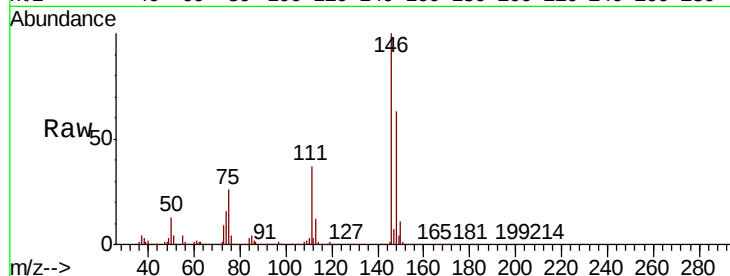




#87
 1,3-Dichlorobenzene
 Concen: 19.881 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007809.D
 Acq: 04 Mar 2019 14:35

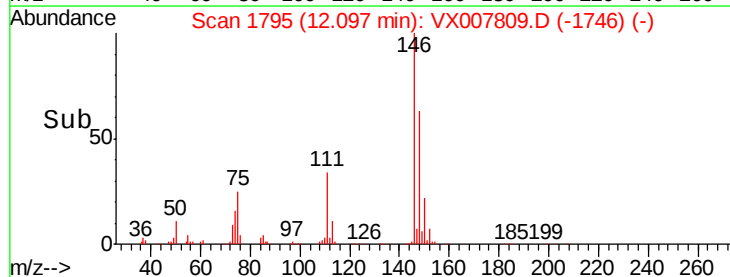
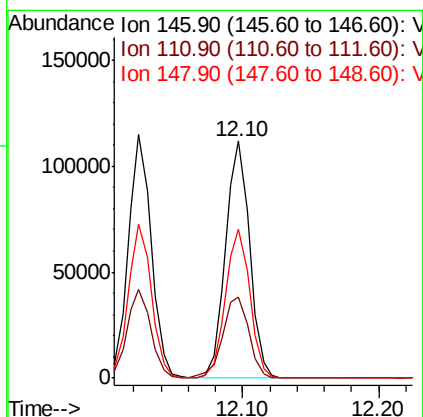
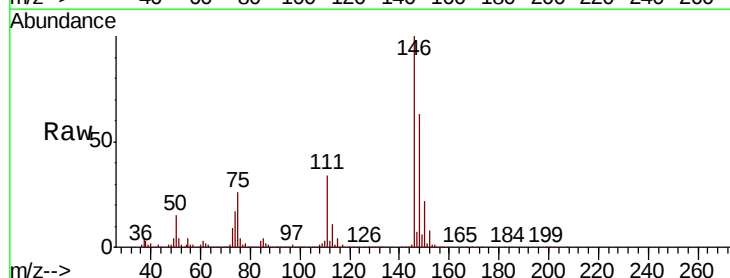
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0304MBS01

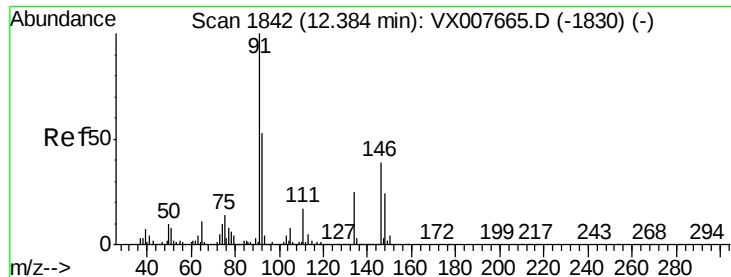
Tgt Ion:146 Resp: 136932
 Ion Ratio Lower Upper
 146 100
 111 37.5 18.1 54.1
 148 63.8 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 19.437 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007809.D
 Acq: 04 Mar 2019 14:35

Tgt Ion:146 Resp: 137105
 Ion Ratio Lower Upper
 146 100
 111 37.1 18.1 54.1
 148 63.9 32.3 96.9





#89

n-Butylbenzene

Concen: 18.708 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX007809.D

Acq: 04 Mar 2019 14:35

Instrument :

MSVOA_X

ClientSampleId :

VX0304MBS01

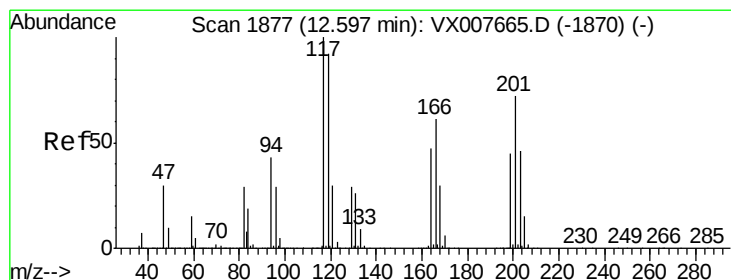
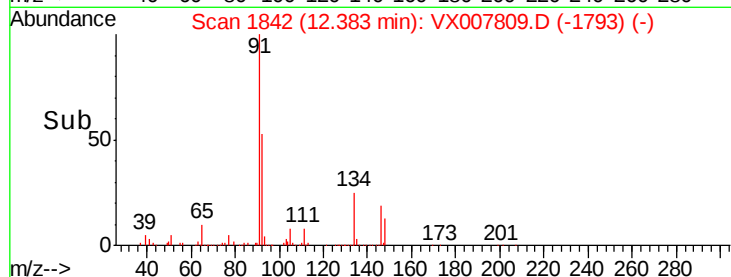
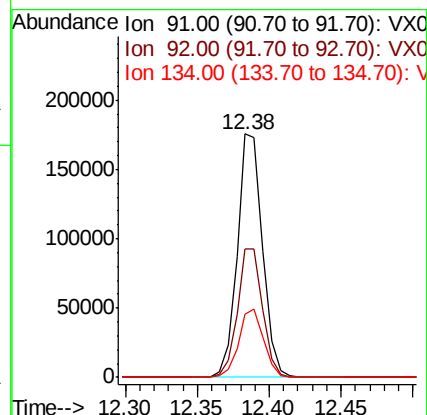
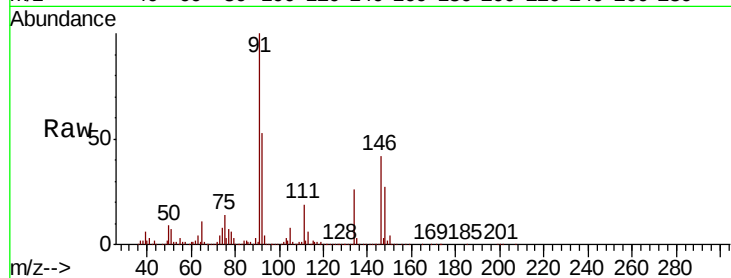
Tgt Ion: 91 Resp: 214073

Ion Ratio Lower Upper

91 100

92 53.3 26.3 78.9

134 27.7 13.9 41.6



#90

Hexachloroethane

Concen: 17.920 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX007809.D

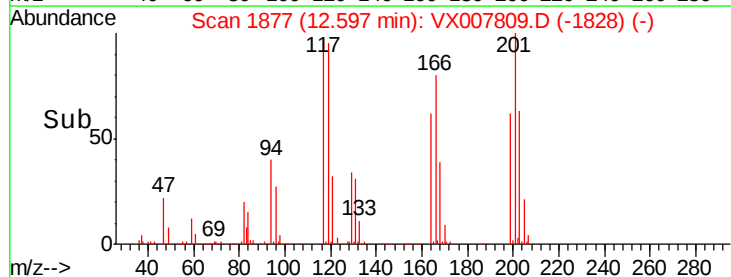
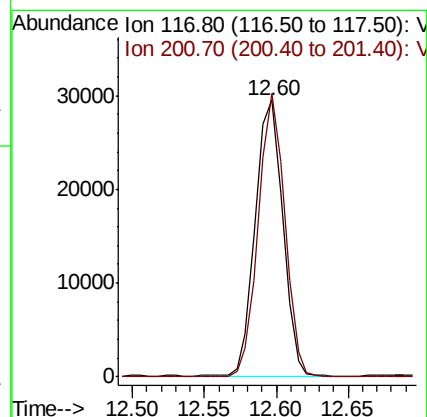
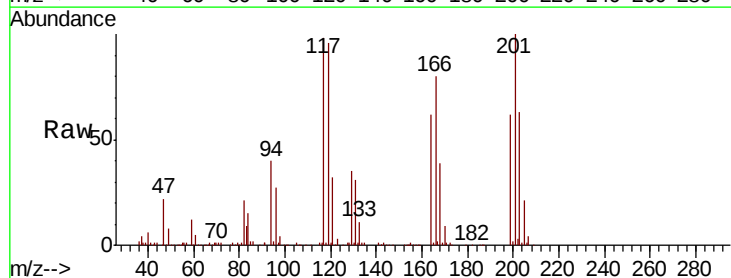
Acq: 04 Mar 2019 14:35

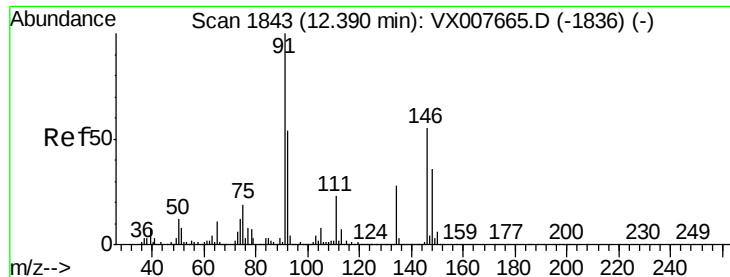
Tgt Ion: 117 Resp: 38741

Ion Ratio Lower Upper

117 100

201 98.7 44.9 134.7

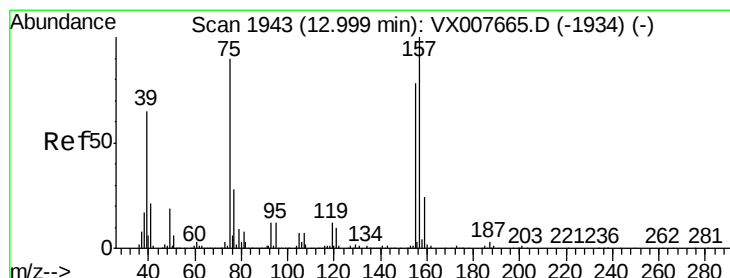
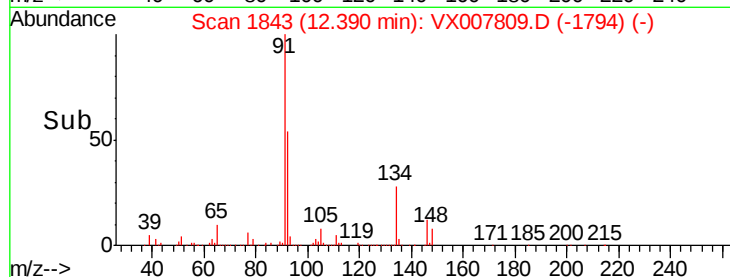
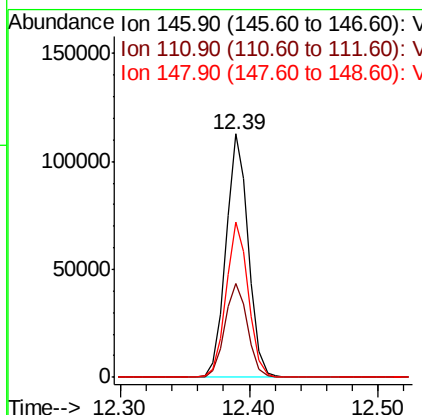
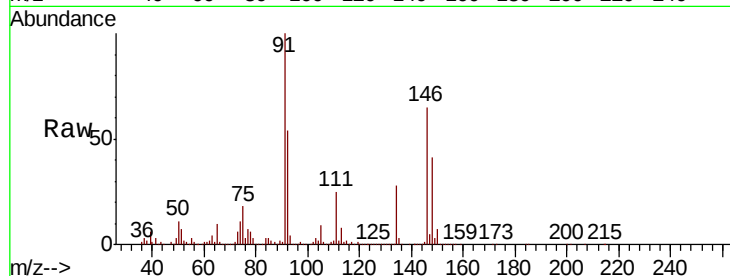




#91
 1,2-Dichlorobenzene
 Concen: 19.927 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX007809.D
 Acq: 04 Mar 2019 14:35

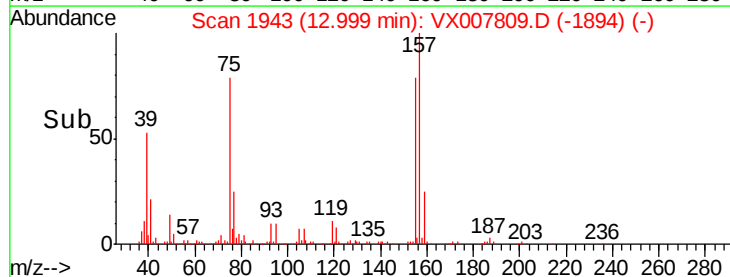
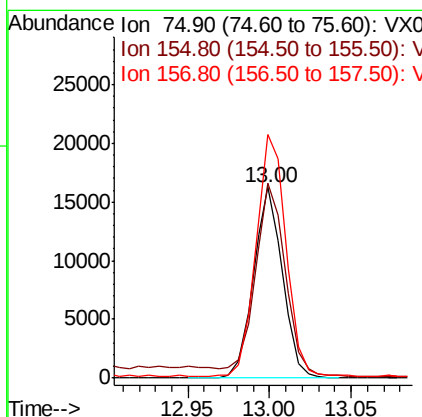
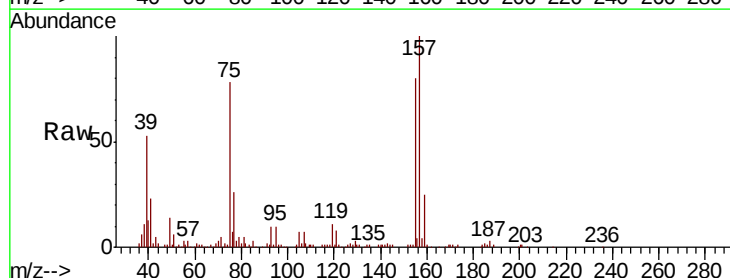
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0304MBS01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.1	57.3
148	63.5	32.1	96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.957 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX007809.D
 Acq: 04 Mar 2019 14:35

Tgt Ion	Ratio	Lower	Upper
75	100		
155	107.8	49.6	149.0
157	131.1	65.1	195.3

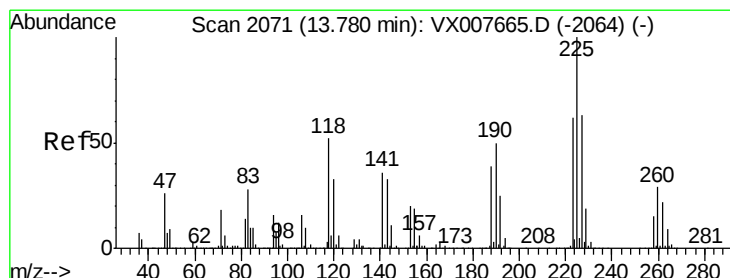
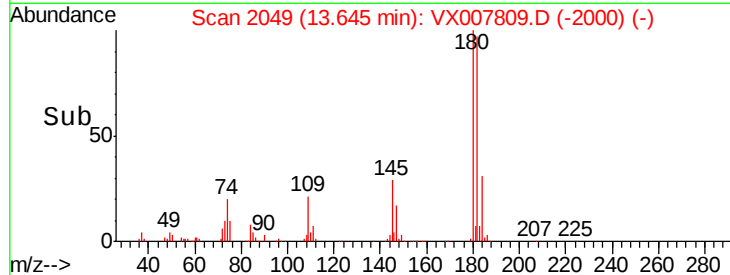
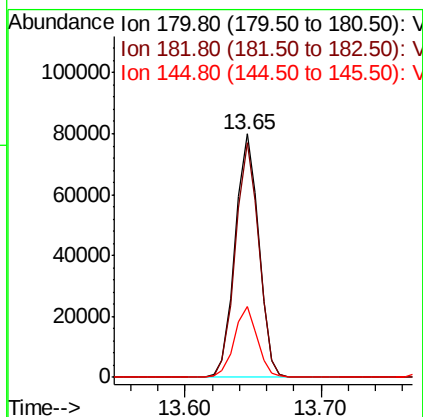
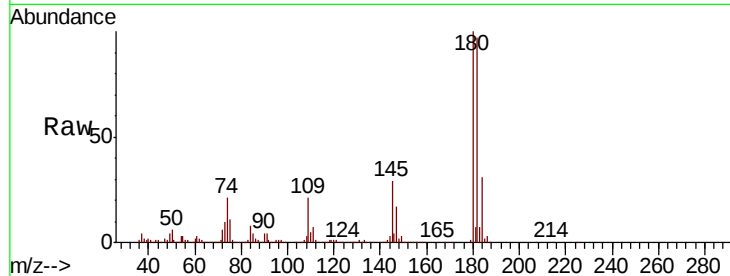




#93
 1,2,4-Trichlorobenzene
 Concen: 23.009 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX007809.D
 Acq: 04 Mar 2019 14:35

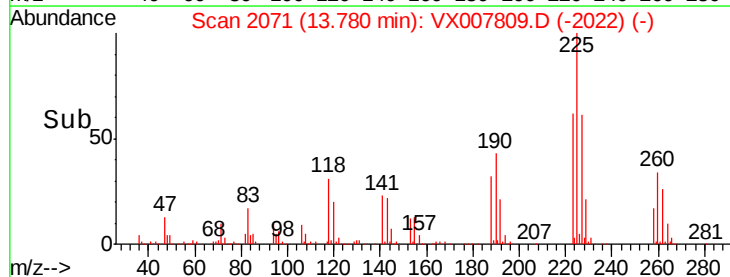
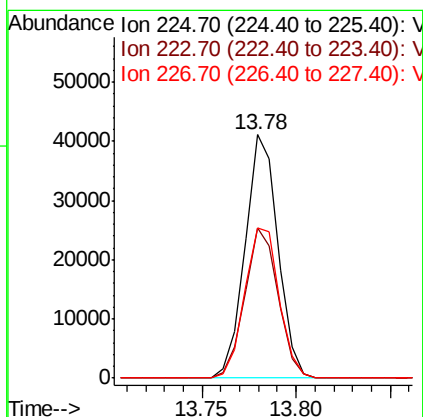
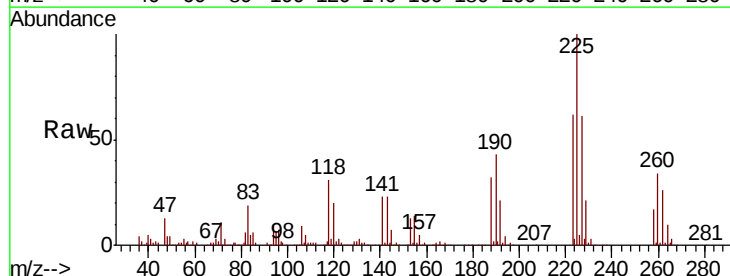
Instrument :
 MSVOA_X
 ClientSampled :
 VX0304MBS01

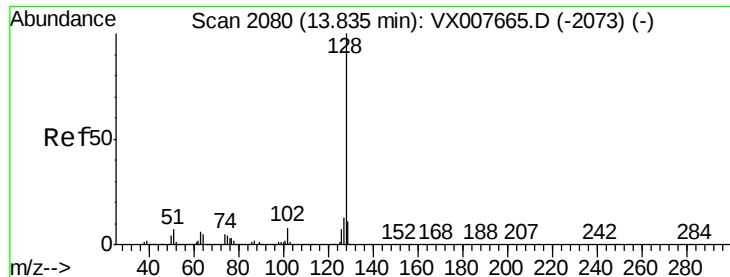
Tgt Ion:180 Resp: 96786
 Ion Ratio Lower Upper
 180 100
 182 96.1 47.8 143.3
 145 27.9 14.1 42.2



#94
 Hexachlorobutadiene
 Concen: 25.854 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX007809.D
 Acq: 04 Mar 2019 14:35

Tgt Ion:225 Resp: 49752
 Ion Ratio Lower Upper
 225 100
 223 62.4 31.6 94.8
 227 64.7 32.1 96.3





#95

Naphthalene

Concen: 22.083 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007809.D

Acq: 04 Mar 2019 14:35

Instrument :

MSVOA_X

ClientSampleId :

VX0304MBS01

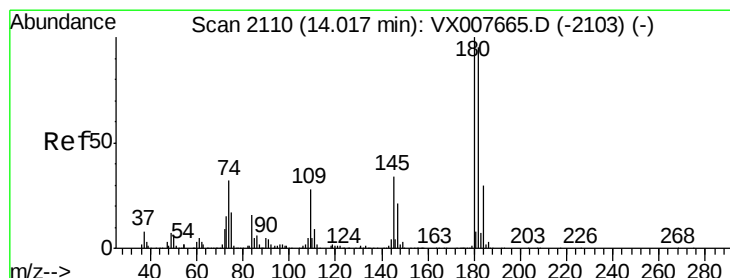
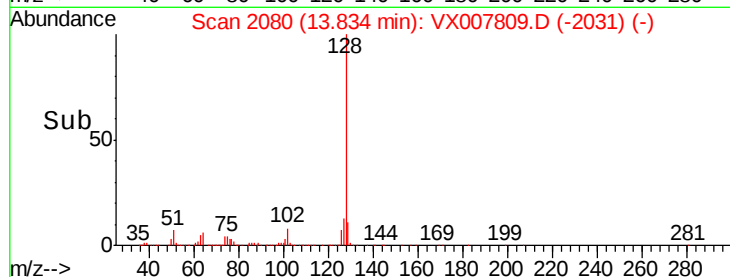
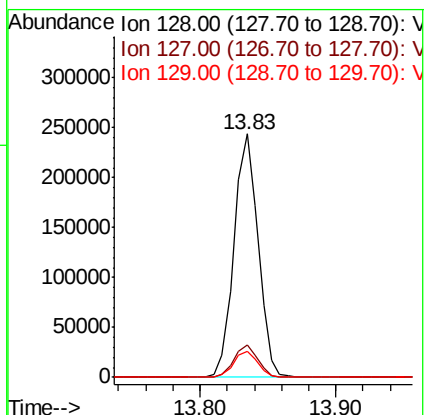
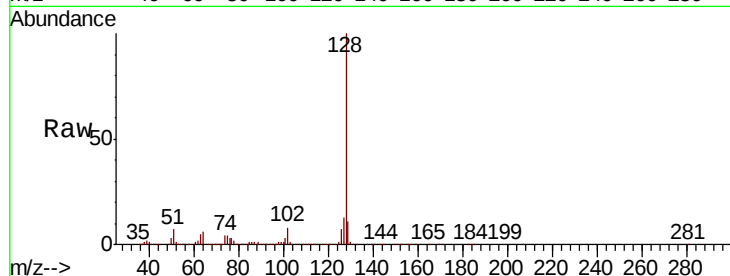
Tgt Ion:128 Resp: 300953

Ion Ratio Lower Upper

128 100

127 12.9 10.5 15.7

129 10.7 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 23.115 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX007809.D

Acq: 04 Mar 2019 14:35

Tgt Ion:180 Resp: 97631

Ion Ratio Lower Upper

180 100

182 94.5 47.5 142.6

145 30.0 14.9 44.5

