

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060419\
 Data File : VX010063.D
 Acq On : 04 Jun 2019 17:51
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 05 07:21:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 04:00:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	184116	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	281953	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	259583	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	133898	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	112256	43.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.32%	
35) Dibromofluoromethane	5.49	113	82844	46.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.46%	
50) Toluene-d8	8.71	98	337265	46.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.70%	
62) 4-Bromofluorobenzene	11.13	95	127326	49.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	105817	47.033	ug/l	99
3) Chloromethane	1.32	50	112271	37.119	ug/l	100
4) Vinyl Chloride	1.41	62	106863	39.192	ug/l	100
5) Bromomethane	1.64	94	79161	47.918	ug/l	99
6) Chloroethane	1.71	64	65741	39.167	ug/l	99
7) Trichlorofluoromethane	1.92	101	125587	41.681	ug/l	100
8) Diethyl Ether	2.18	74	54427	38.440	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	79862	43.902	ug/l	98
10) Methyl Iodide	2.51	142	80242	36.962	ug/l	100
11) Tert butyl alcohol	3.05	59	127924	199.864	ug/l	100
12) 1,1-Dichloroethene	2.37	96	78648	42.180	ug/l	97
13) Acrolein	2.29	56	103656	230.290	ug/l	99
14) Allyl chloride	2.73	41	190596	42.057	ug/l	99
15) Acrylonitrile	3.14	53	302979	196.459	ug/l	100
16) Acetone	2.45	43	329715	219.418	ug/l	99
17) Carbon Disulfide	2.57	76	225105	39.948	ug/l	98
18) Methyl Acetate	2.77	43	142164	40.659	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	304306	43.228	ug/l	99
20) Methylene Chloride	2.85	84	95034	41.298	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	85147	41.041	ug/l	98
22) Diisopropyl ether	3.85	45	365303	42.365	ug/l	86
23) Vinyl Acetate	3.81	43	1614767	208.456	ug/l	99
24) 1,1-Dichloroethane	3.69	63	175501	41.998	ug/l	99
25) 2-Butanone	4.67	43	486264	207.703	ug/l	98
26) 2,2-Dichloropropane	4.58	77	141265	44.689	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	100094	41.795	ug/l	97
28) Bromochloromethane	5.01	49	85011	39.203	ug/l	96
29) Tetrahydrofuran	5.12	42	294896	196.428	ug/l	99
30) Chloroform	5.21	83	162348	43.078	ug/l	97
31) Cyclohexane	5.57	56	172071	43.476	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	137583	44.827	ug/l	99
36) 1,1-Dichloropropene	5.80	75	126856	44.344	ug/l	99
37) Ethyl Acetate	4.83	43	169652	42.561	ug/l	100
38) Carbon Tetrachloride	5.78	117	115879	46.875	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	160432	47.278	ug/l	97
40) Benzene	6.14	78	381043	44.901	ug/l	99
41) Methacrylonitrile	5.04	41	96815	41.566	ug/l	97
42) 1,2-Dichloroethane	6.19	62	139025	44.313	ug/l	100
43) Isopropyl Acetate	6.44	43	279980	43.531	ug/l	99
44) Trichloroethene	7.21	130	93051	45.141	ug/l	96
45) 1,2-Dichloropropane	7.51	63	107831	44.141	ug/l	95
46) Dibromomethane	7.66	93	61882	43.035	ug/l	97
47) Bromodichloromethane	7.90	83	128724	47.075	ug/l	97
48) Methyl methacrylate	7.77	41	141678	44.498	ug/l	99
49) 1,4-Dioxane	7.74	88	51810	874.814	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	922583	220.507	ug/l	99
52) Toluene	8.78	92	235830	45.770	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	153954	46.946	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	167564	46.896	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	95397	46.000	ug/l	97
56) Ethyl methacrylate	9.18	69	178657	48.389	ug/l	99
57) 1,3-Dichloropropane	9.37	76	166885	44.809	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	426367	220.228	ug/l	99
59) 2-Hexanone	9.49	43	735389	228.296	ug/l	100
60) Dibromochloromethane	9.58	129	99526	48.787	ug/l	99
61) 1,2-Dibromoethane	9.67	107	97955	45.976	ug/l	100
64) Tetrachloroethene	9.34	164	85255	47.020	ug/l	97
65) Chlorobenzene	10.13	112	248792	45.781	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	91313	48.445	ug/l	99
67) Ethyl Benzene	10.25	91	464302	47.584	ug/l	100
68) m/p-Xylenes	10.35	106	343909	95.404	ug/l	99
69) o-Xylene	10.69	106	167752	48.523	ug/l	98
70) Styrene	10.71	104	298188	49.189	ug/l	99
71) Bromoform	10.85	173	78210	50.762	ug/l #	98
73) Isopropylbenzene	11.02	105	454953	46.051	ug/l	99
74) N-amyl acetate	10.90	43	261961	44.375	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	157444	42.718	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	189008	59.030	ug/l	81
77) Bromobenzene	11.26	156	113756	45.183	ug/l	96
78) n-propylbenzene	11.36	91	538808	47.316	ug/l	100
79) 2-Chlorotoluene	11.42	91	312606	44.931	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	389813	46.836	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	57185	44.188	ug/l	99
82) 4-Chlorotoluene	11.51	91	367586	45.385	ug/l	99
83) tert-Butylbenzene	11.77	119	376238	47.251	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	394962	46.728	ug/l	100
85) sec-Butylbenzene	11.94	105	452350	47.752	ug/l	99
86) p-Isopropyltoluene	12.06	119	418383	49.103	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	207014	46.184	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	206975	45.277	ug/l	98
89) n-Butylbenzene	12.38	91	390789	48.803	ug/l	99
90) Hexachloroethane	12.59	117	69916	47.814	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	204177	46.202	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	35361	40.759	ug/l	93

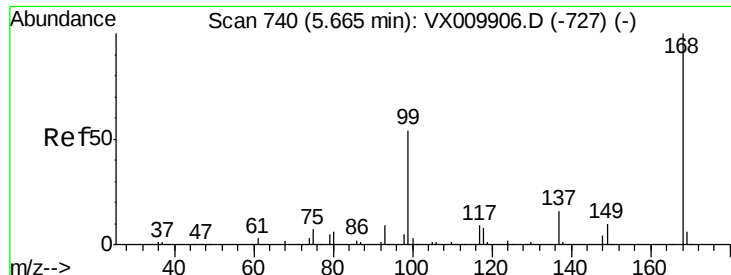
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	153273	48.534	ug/l	99
94) Hexachlorobutadiene	13.78	225	79021	49.886	ug/l	99
95) Naphthalene	13.83	128	454910	46.288	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	149649	47.339	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010063.D

Acq: 04 Jun 2019 17:51

Instrument :

MSVOA_X

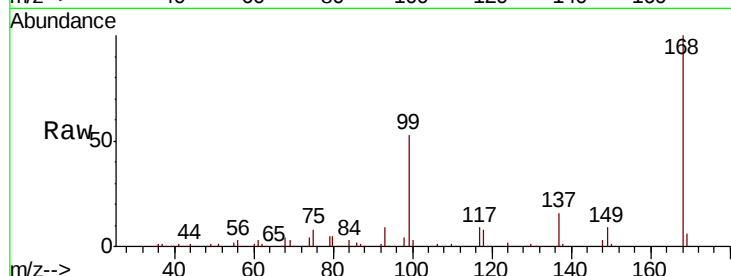
ClientSampleId :

Tot Ion:168 Resp: 184116

Ion Ratio Lower Upper

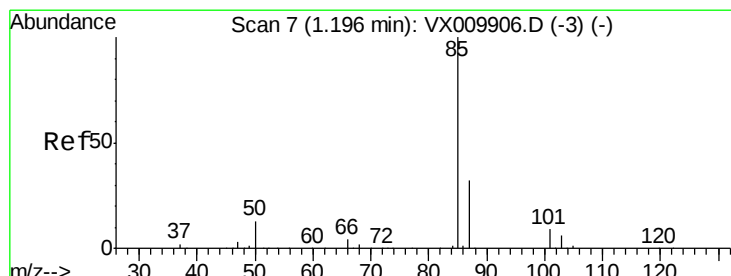
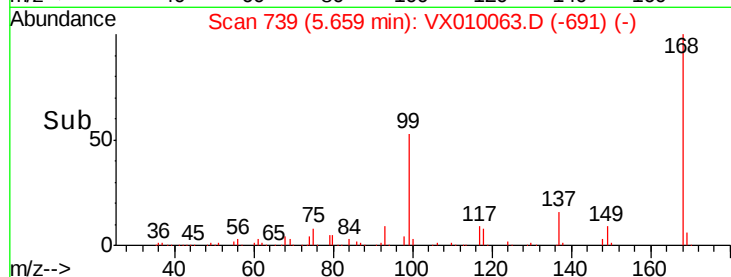
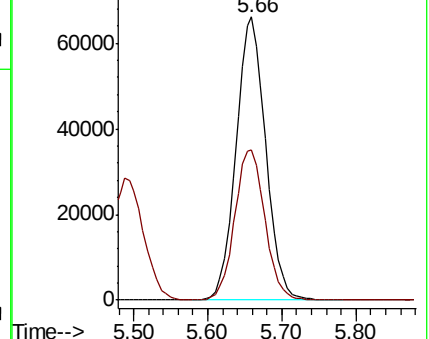
168 100

99 53.0 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 47.033 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX010063.D

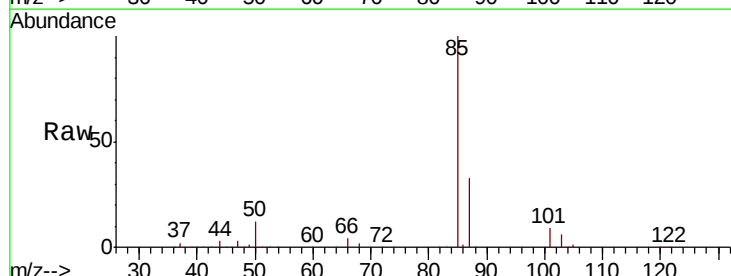
Acq: 04 Jun 2019 17:51

Tgt Ion: 85 Resp: 105817

Ion Ratio Lower Upper

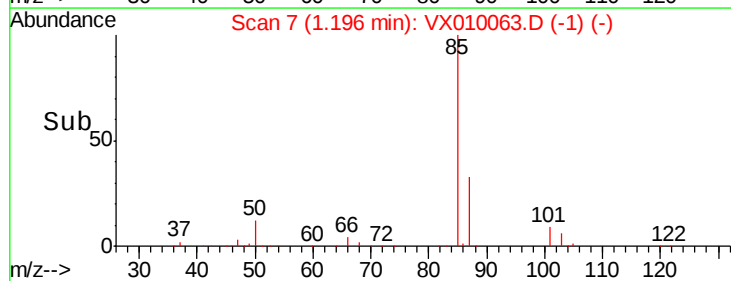
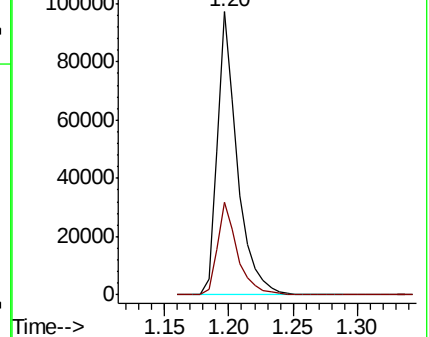
85 100

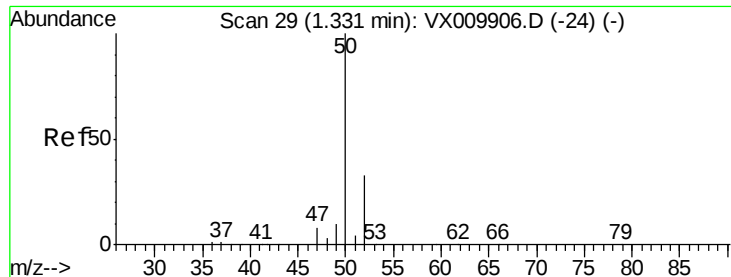
87 32.7 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 37.119 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX010063.D

Acq: 04 Jun 2019 17:51

Instrument :

MSVOA_X

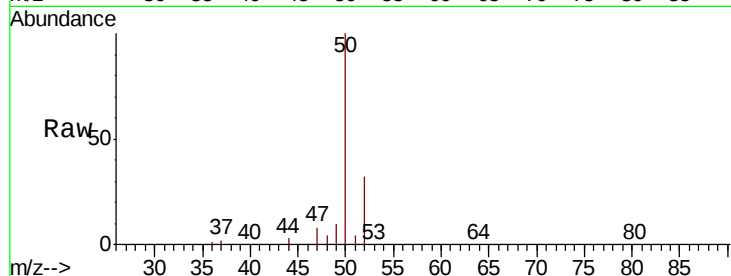
ClientSampled :

Tot Ion: 50 Resp: 112271

Ion Ratio Lower Upper

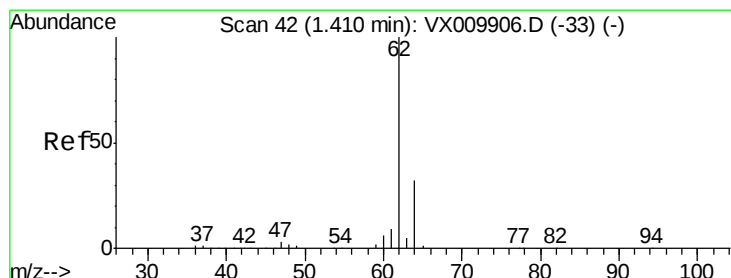
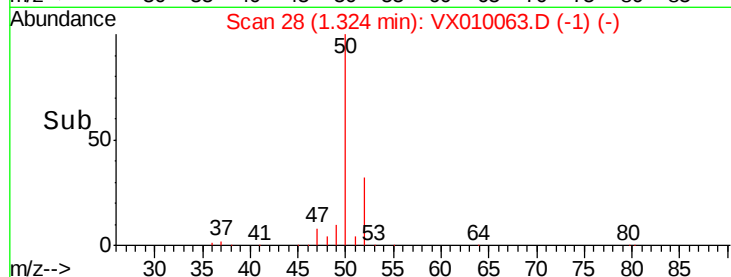
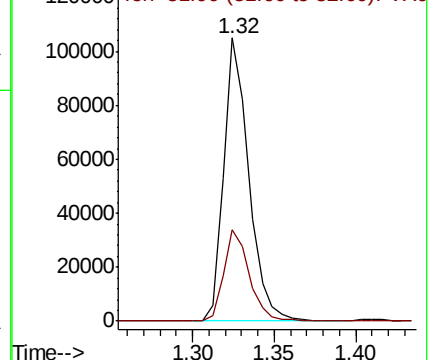
50 100

52 32.3 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 39.192 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010063.D

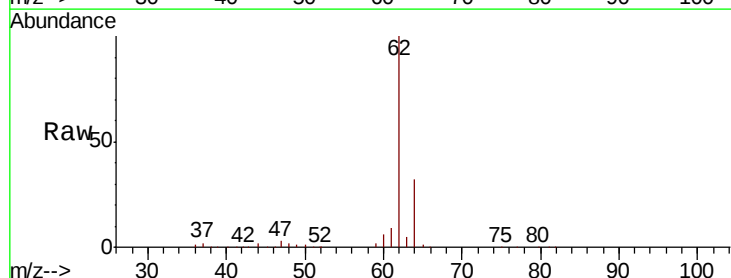
Acq: 04 Jun 2019 17:51

Tgt Ion: 62 Resp: 106863

Ion Ratio Lower Upper

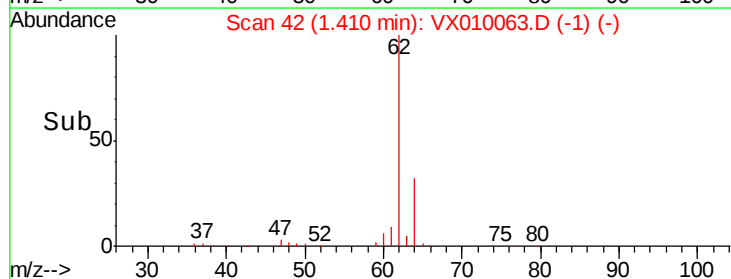
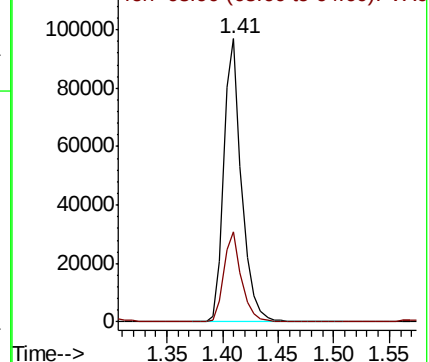
62 100

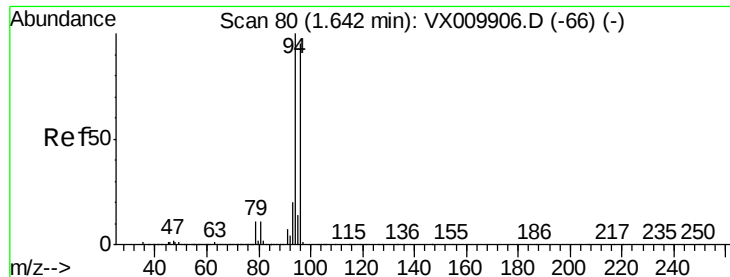
64 31.9 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 47.918 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX010063.D

Acq: 04 Jun 2019 17:51

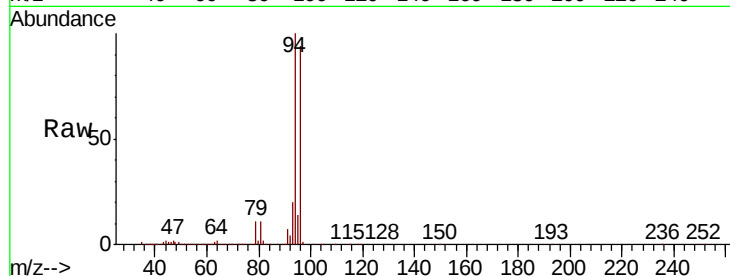
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 94 Resp: 79161

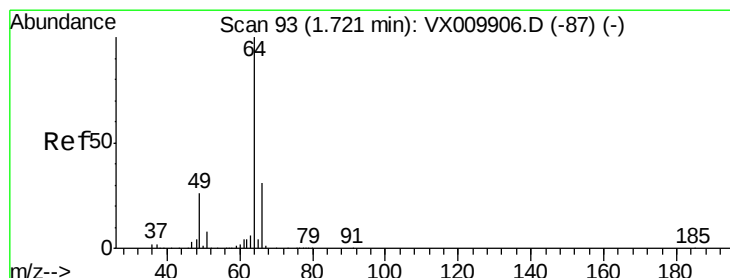
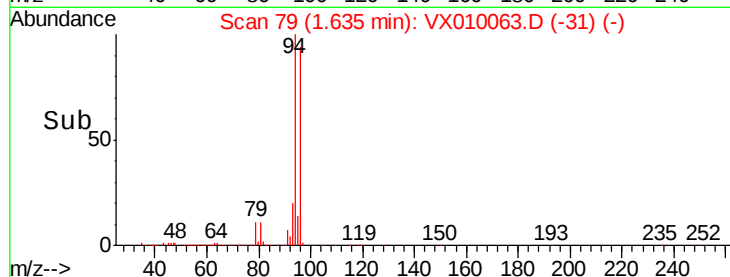
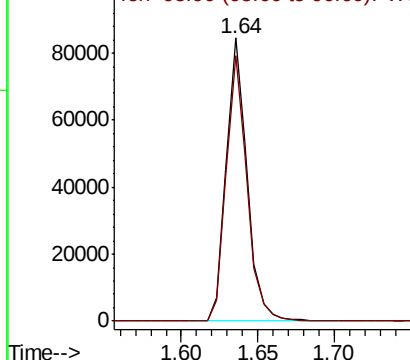
Ion Ratio Lower Upper

94 100

96 93.9 76.2 114.4



Abundance Ion 93.90 (93.60 to 94.60): VX0
Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 39.167 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX010063.D

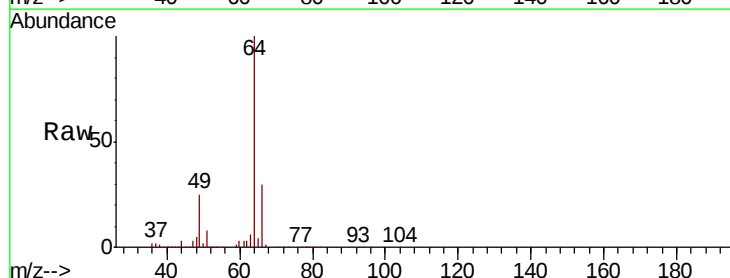
Acq: 04 Jun 2019 17:51

Tgt Ion: 64 Resp: 65741

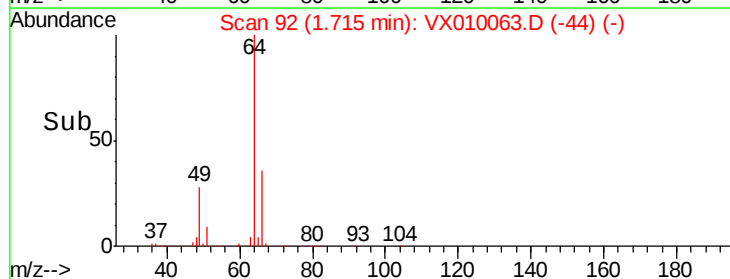
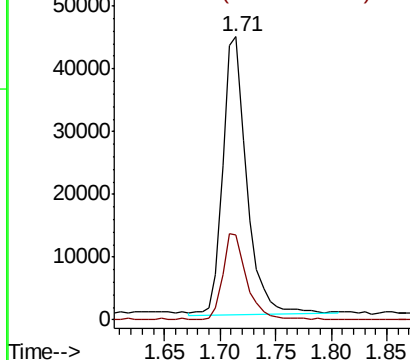
Ion Ratio Lower Upper

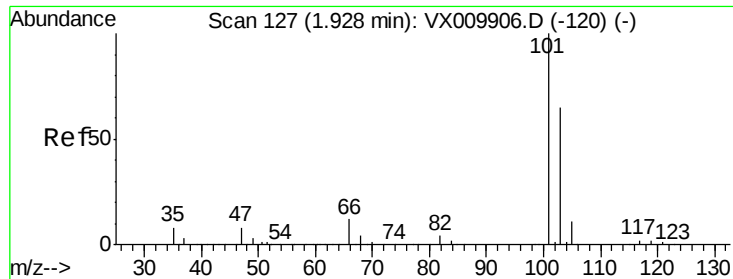
64 100

66 30.8 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0
Ion 65.90 (65.60 to 66.60): VX0



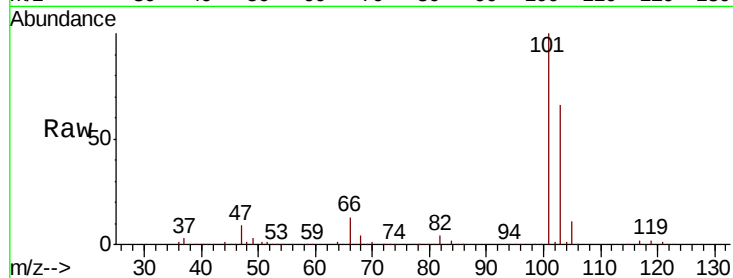


#7

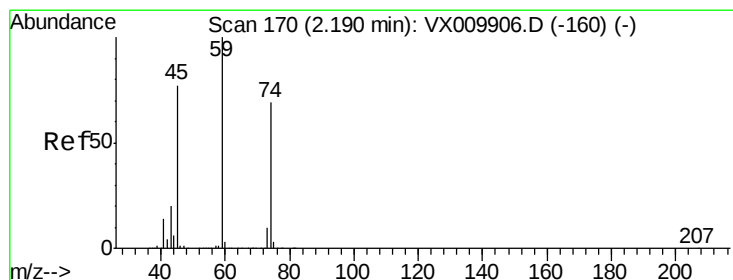
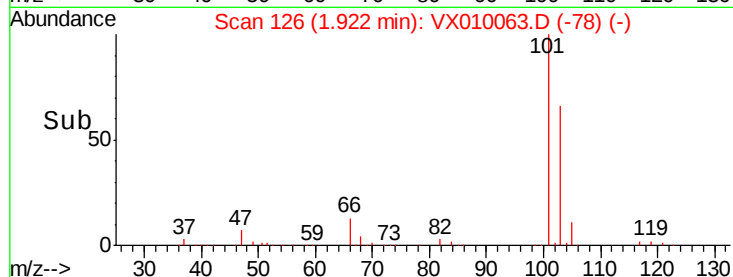
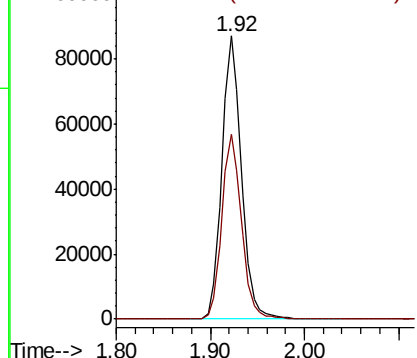
Trichlorofluoromethane
 Concen: 41.681 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.01 min
 Lab File: VX010063.D
 Acq: 04 Jun 2019 17:51

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:101 Resp: 125587
 Ion Ratio Lower Upper
 101 100
 103 65.5 52.2 78.4



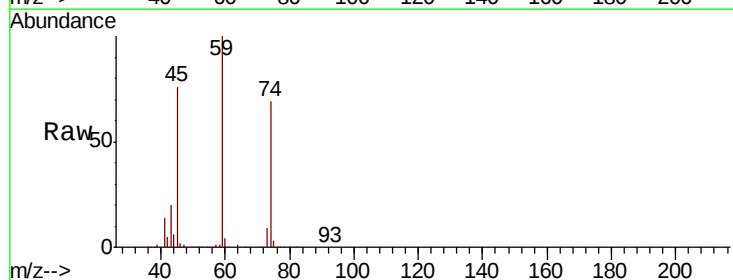
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



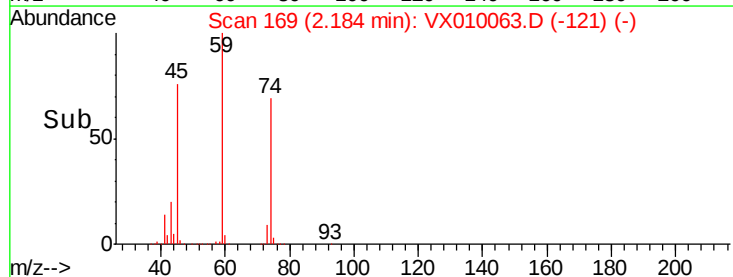
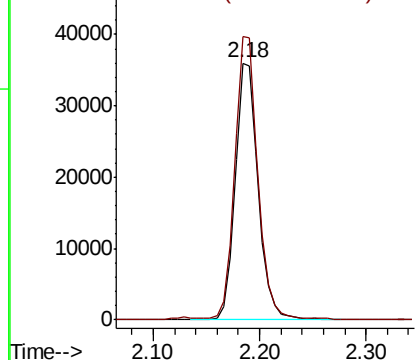
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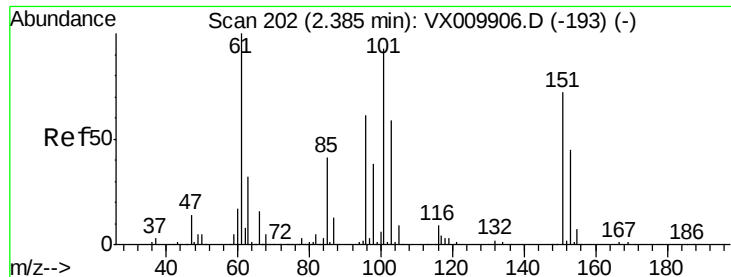
Diethyl Ether
 Concen: 38.440 ug/l
 RT: 2.18 min Scan# 169
 Delta R.T. -0.01 min
 Lab File: VX010063.D
 Acq: 04 Jun 2019 17:51

Tgt Ion: 74 Resp: 54427
 Ion Ratio Lower Upper
 74 100
 45 110.9 56.1 168.3



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 43.902 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX010063.D

Acq: 04 Jun 2019 17:51

Instrument :

MSVOA_X

ClientSampleId :

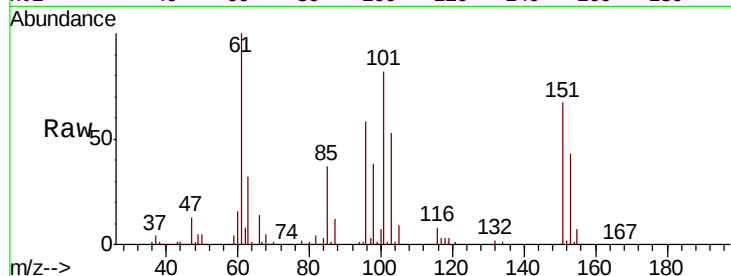
Tot Ion:101 Resp: 79862

Ion Ratio Lower Upper

101 100

85 44.2 35.2 52.8

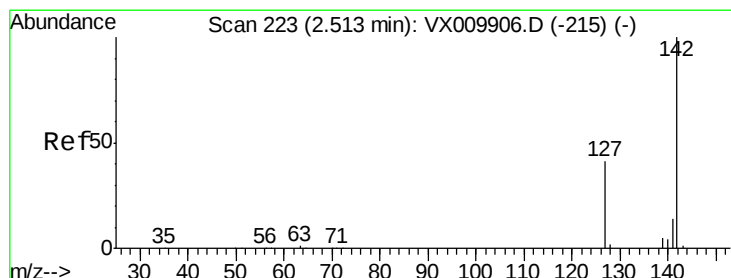
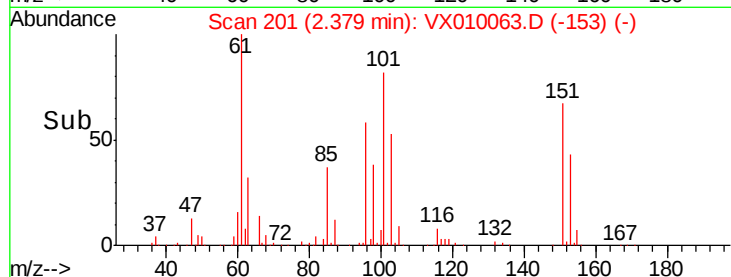
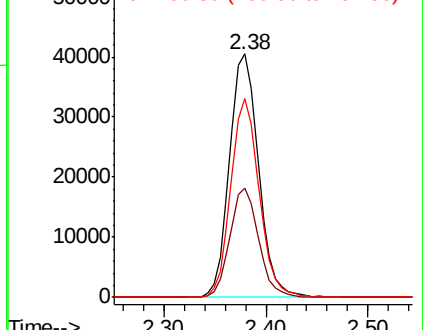
151 79.7 61.9 92.9



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: 36.962 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.01 min

Lab File: VX010063.D

Acq: 04 Jun 2019 17:51

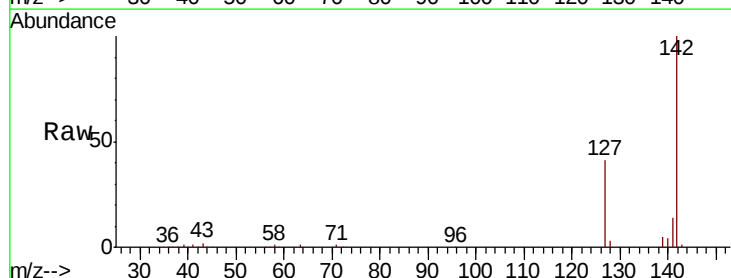
Tgt Ion:142 Resp: 80242

Ion Ratio Lower Upper

142 100

127 41.2 33.0 49.4

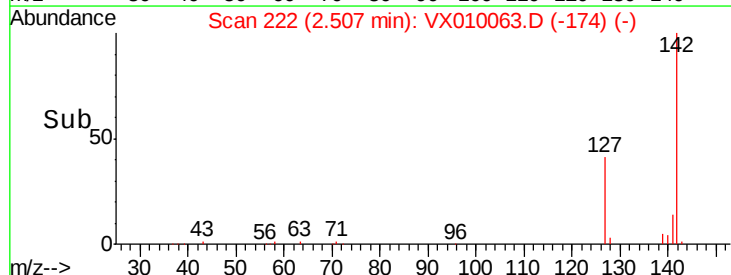
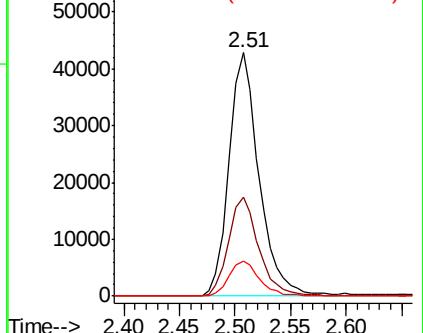
141 14.6 11.4 17.0

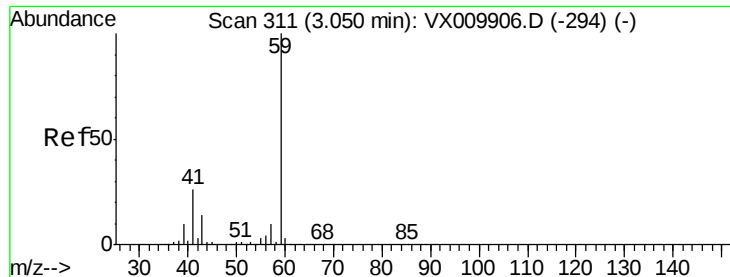


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

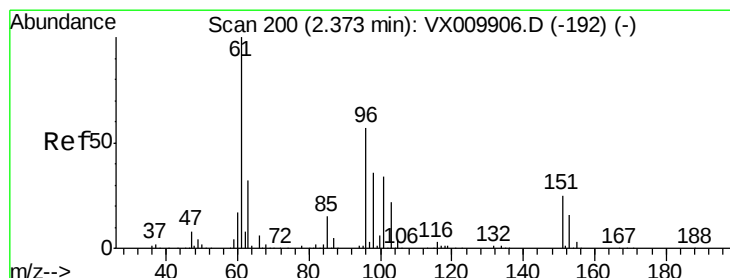
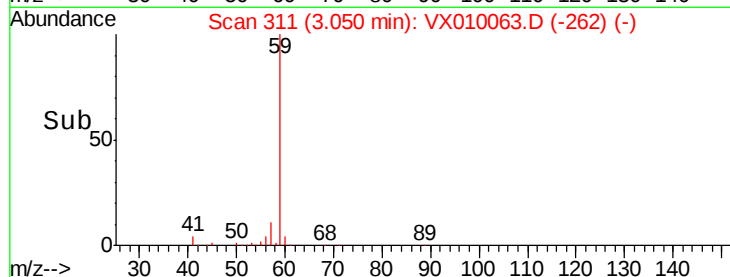
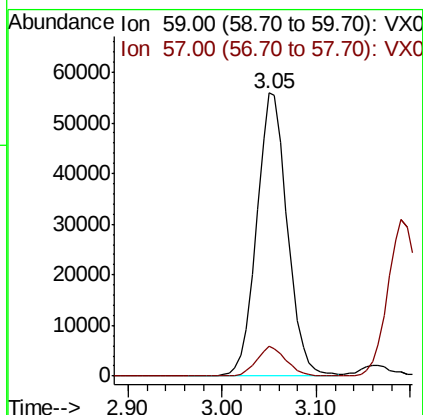
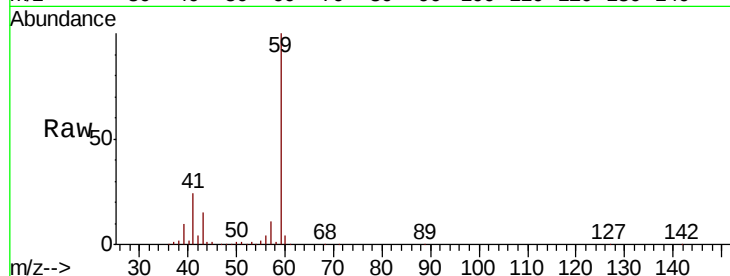




#11
Tert butyl alcohol
Concen: 199.864 ug/l
RT: 3.05 min Scan# 311
Delta R.T. -0.00 min
Lab File: VX010063.D
Acq: 04 Jun 2019 17:51

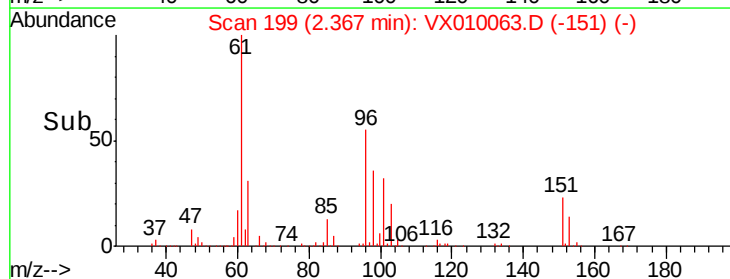
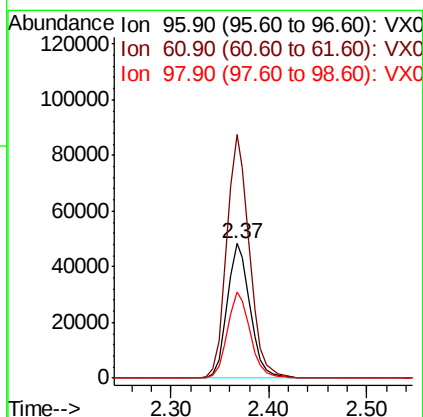
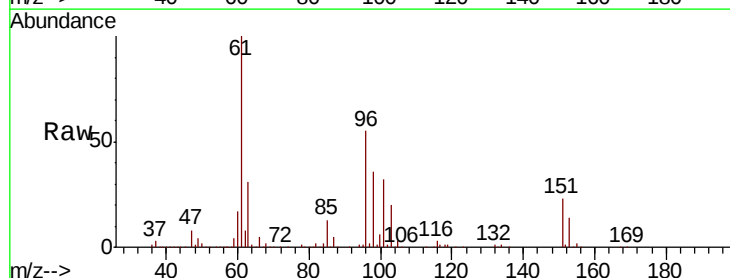
Instrument :
MSVOA_X
ClientSampled :

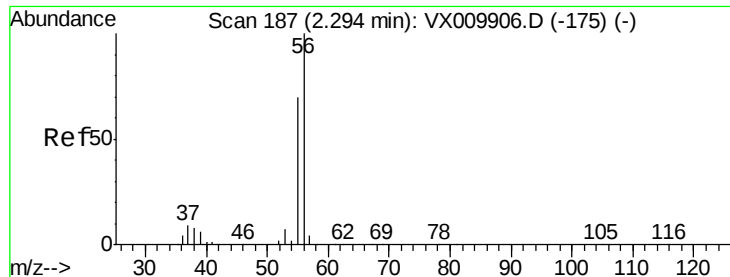
Tot Ion: 59 Resp: 127924
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.2



#12
1,1-Dichloroethene
Concen: 42.180 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.01 min
Lab File: VX010063.D
Acq: 04 Jun 2019 17:51

Tgt Ion: 96 Resp: 78648
Ion Ratio Lower Upper
96 100
61 181.2 140.7 211.1
98 64.6 50.1 75.1

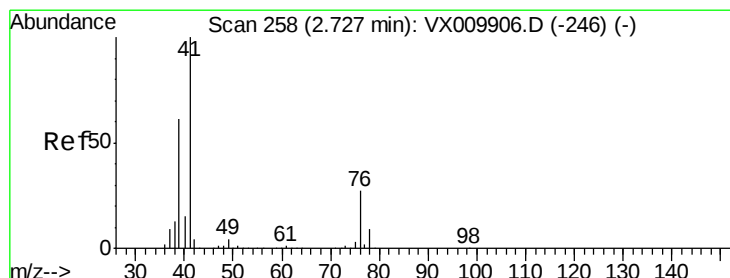
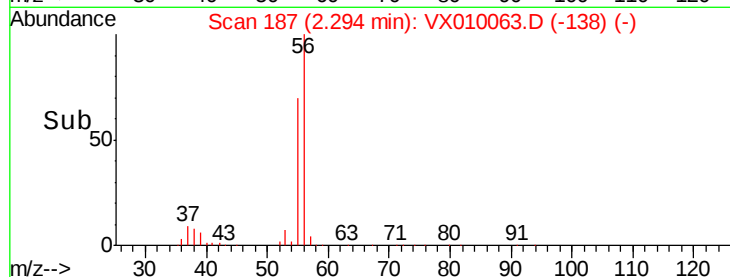
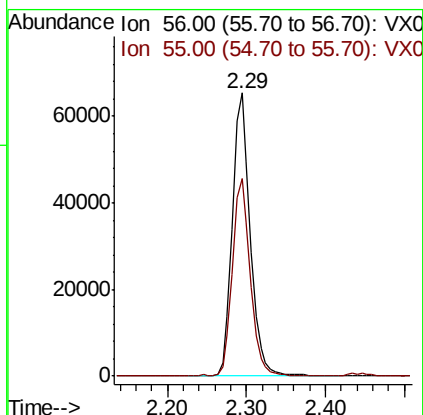
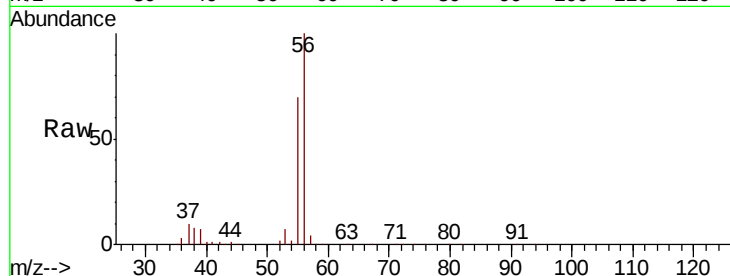




#13
Acrolein
Concen: 230.290 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX010063.D
Acq: 04 Jun 2019 17:51

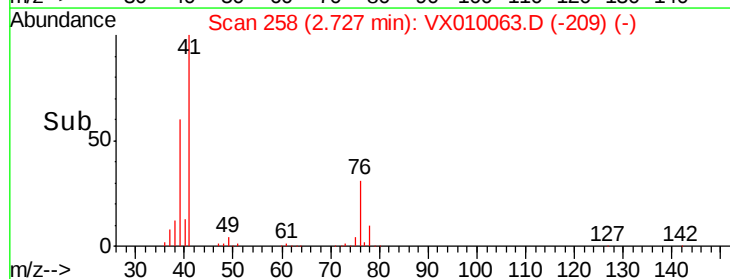
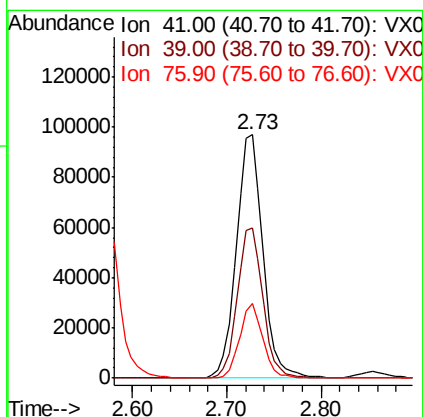
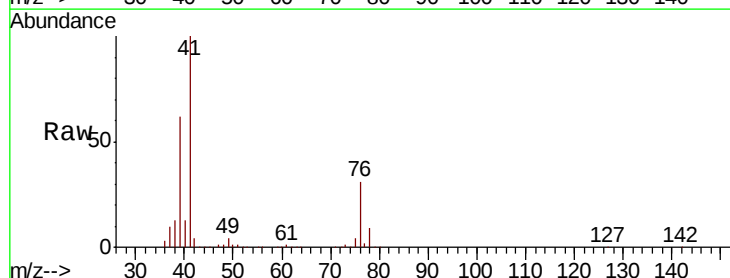
Instrument :
MSVOA_X
ClientSampleId :

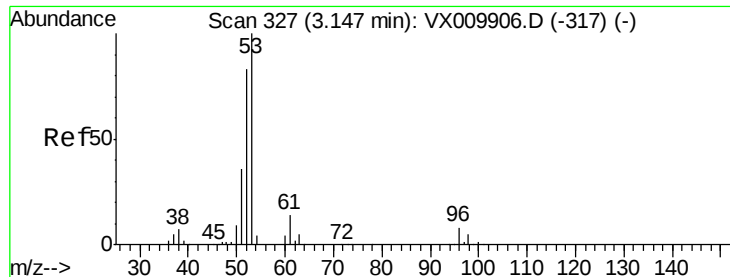
Tot Ion: 56 Resp: 103656
Ion Ratio Lower Upper
56 100
55 70.0 57.0 85.4



#14
Allyl chloride
Concen: 42.057 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.00 min
Lab File: VX010063.D
Acq: 04 Jun 2019 17:51

Tgt Ion: 41 Resp: 190596
Ion Ratio Lower Upper
41 100
39 58.7 46.7 70.1
76 26.9 21.0 31.4





#15

Acrylonitrile

Concen: 196.459 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX010063.D

Acq: 04 Jun 2019 17:51

Instrument :

MSVOA_X

ClientSampleId :

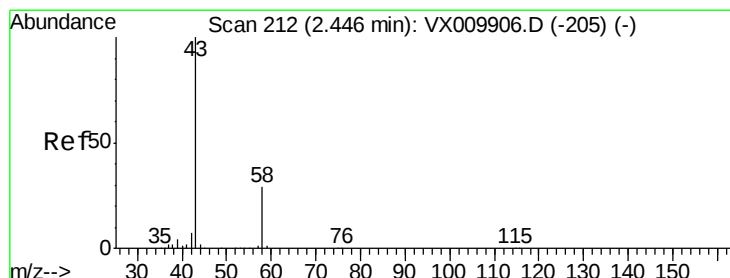
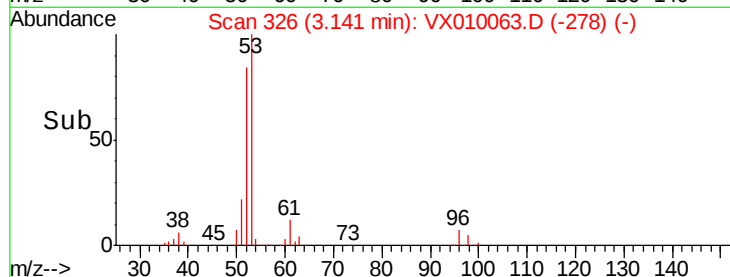
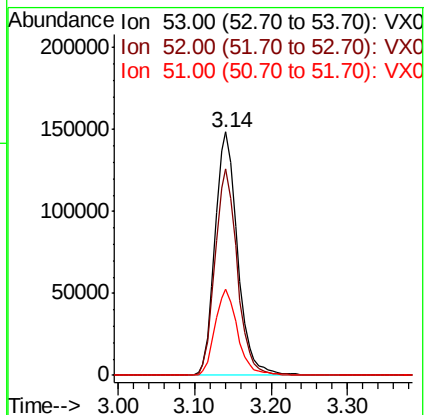
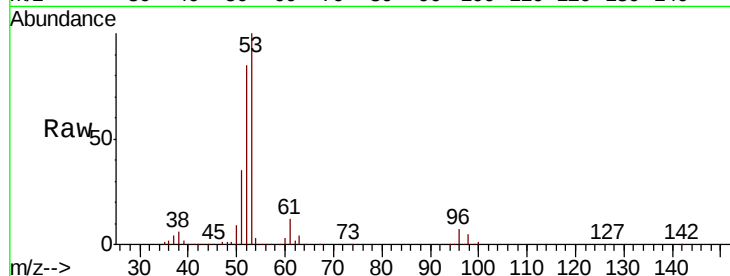
Tot Ion: 53 Resp: 302979

Ion Ratio Lower Upper

53 100

52 83.5 66.7 100.1

51 35.6 28.8 43.2



#16

Acetone

Concen: 219.418 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX010063.D

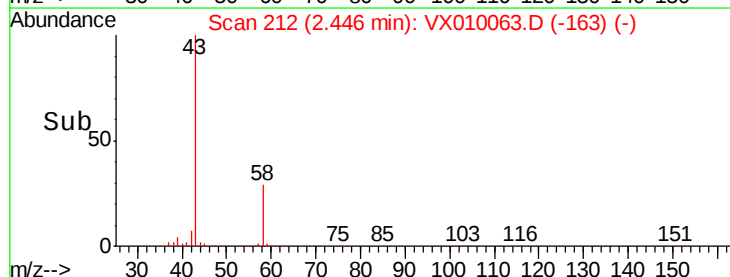
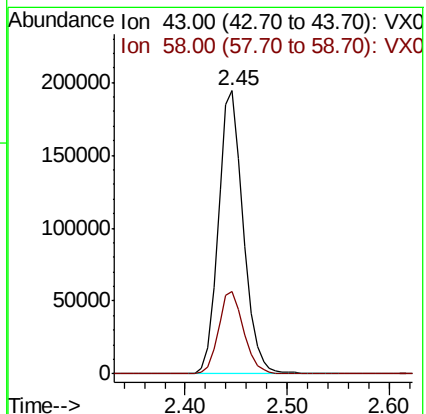
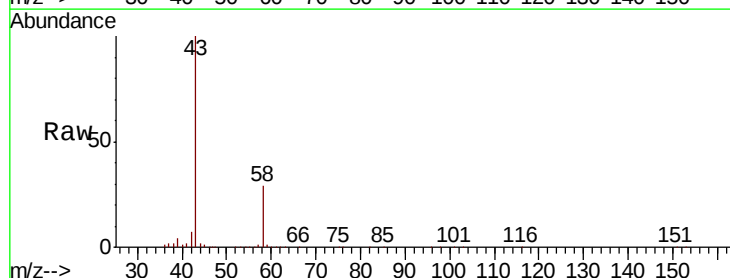
Acq: 04 Jun 2019 17:51

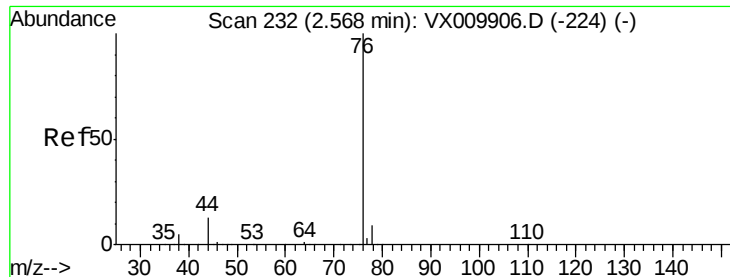
Tgt Ion: 43 Resp: 329715

Ion Ratio Lower Upper

43 100

58 29.3 23.2 34.8

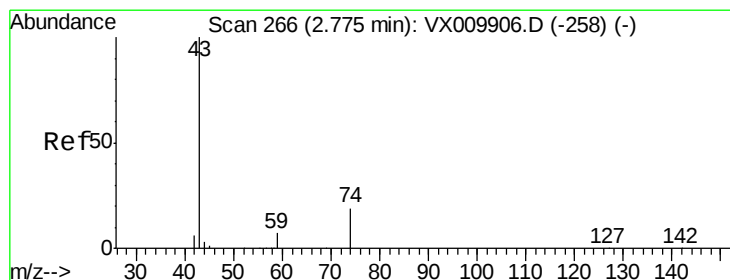
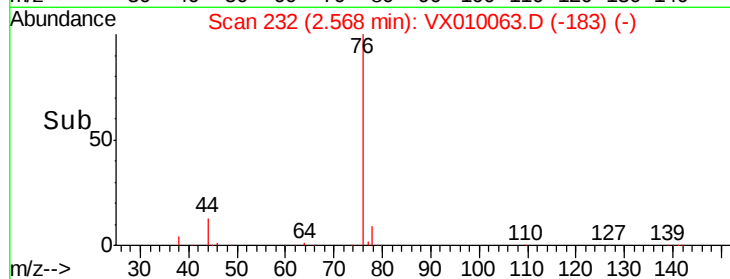
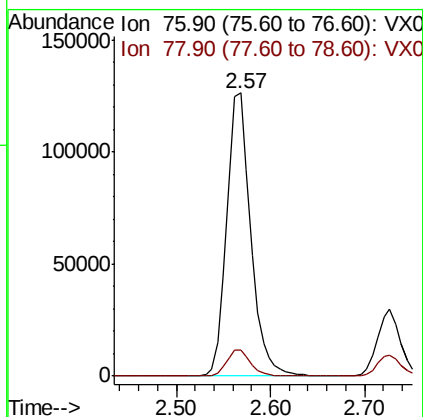
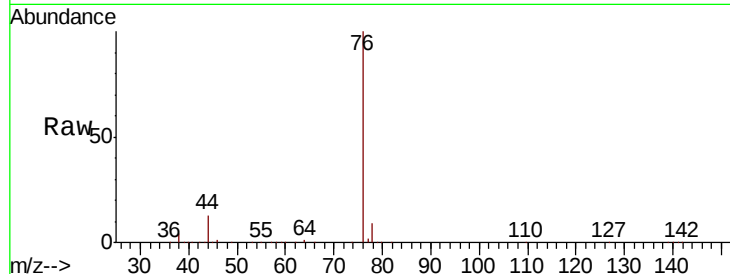




#17
Carbon Disulfide
Concen: 39.948 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX010063.D
Acq: 04 Jun 2019 17:51

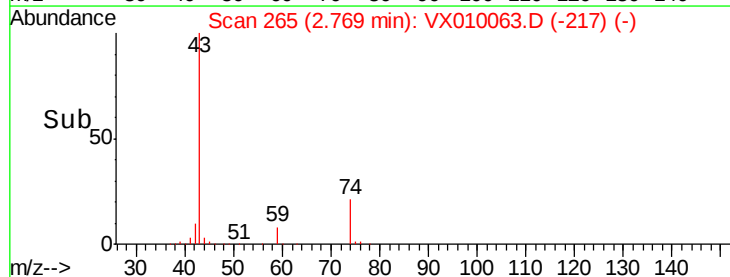
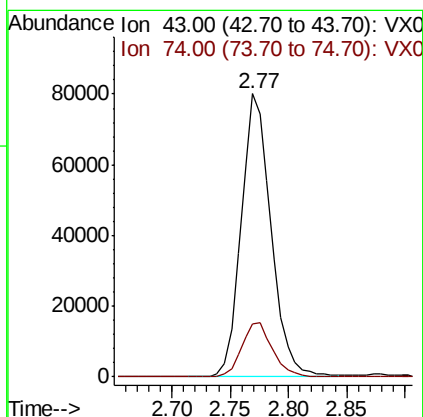
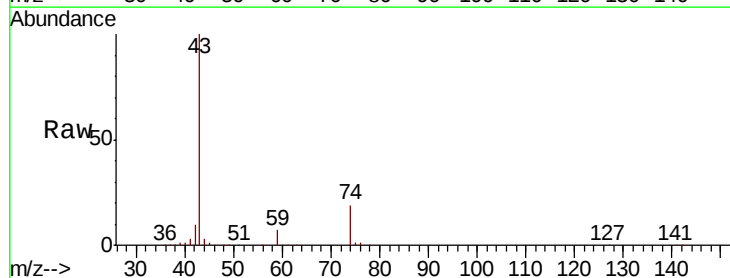
Instrument :
MSVOA_X
ClientSampleId :

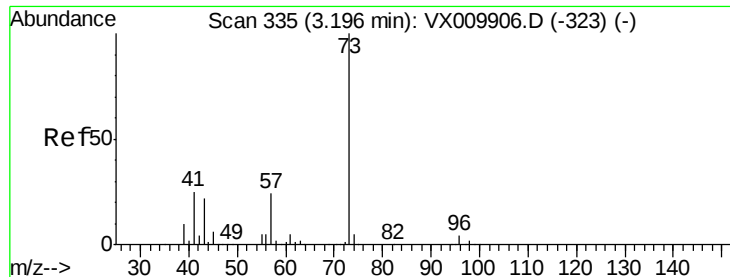
Tot Ion: 76 Resp: 225105
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.6



#18
Methyl Acetate
Concen: 40.659 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX010063.D
Acq: 04 Jun 2019 17:51

Tgt Ion: 43 Resp: 142164
Ion Ratio Lower Upper
43 100
74 20.4 15.8 23.6

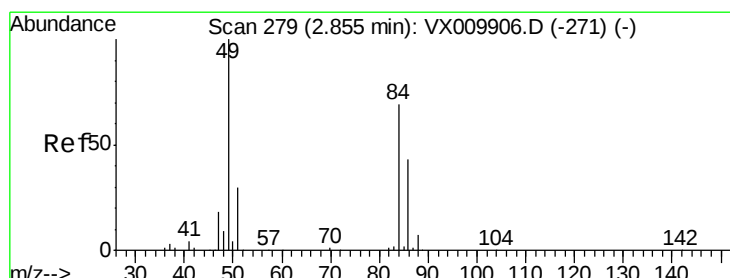
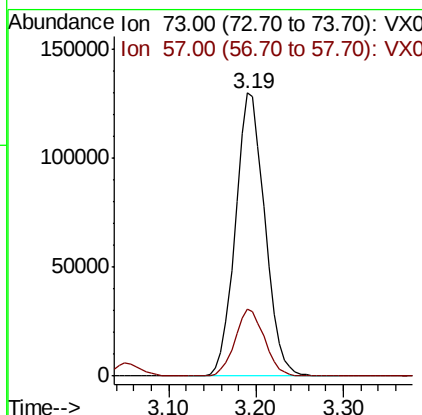
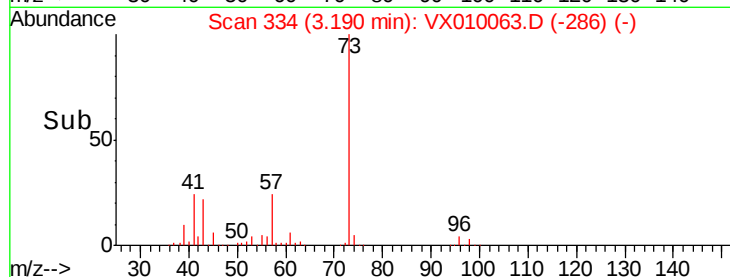
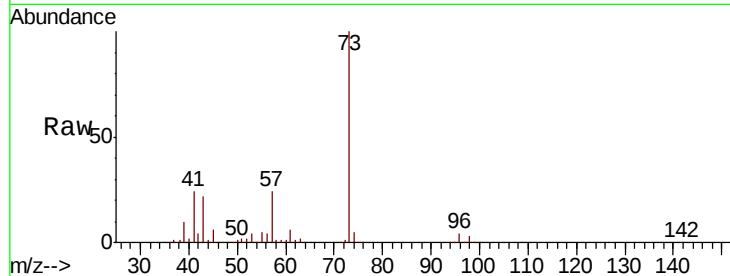




#19
Methyl tert-butyl Ether
Concen: 43.228 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX010063.D
Acq: 04 Jun 2019 17:51

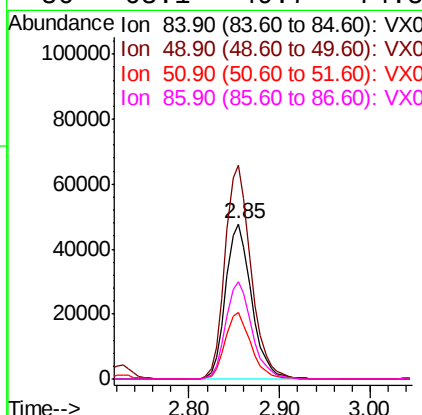
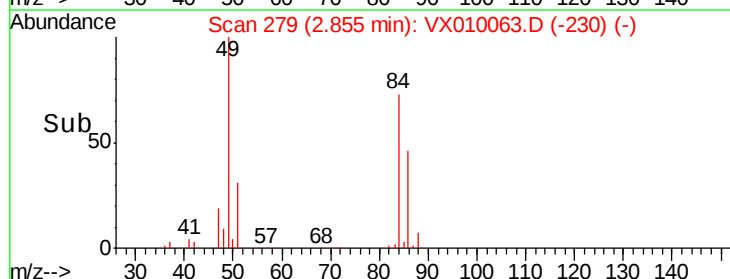
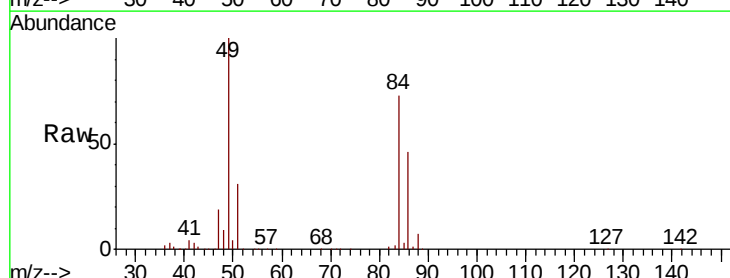
Instrument :
MSVOA_X
ClientSampleId :

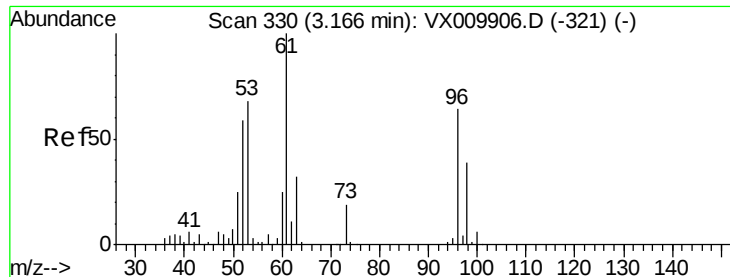
Tot Ion: 73 Resp: 304306
Ion Ratio Lower Upper
73 100
57 23.8 19.4 29.2



#20
Methylene Chloride
Concen: 41.298 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX010063.D
Acq: 04 Jun 2019 17:51

Tgt Ion: 84 Resp: 95034
Ion Ratio Lower Upper
84 100
49 137.7 115.8 173.6
51 43.1 34.4 51.6
86 63.1 49.7 74.5





#21

trans-1,2-Dichloroethene

Concen: 41.041 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX010063.D

Acq: 04 Jun 2019 17:51

Instrument :
MSVOA_X
ClientSampled :

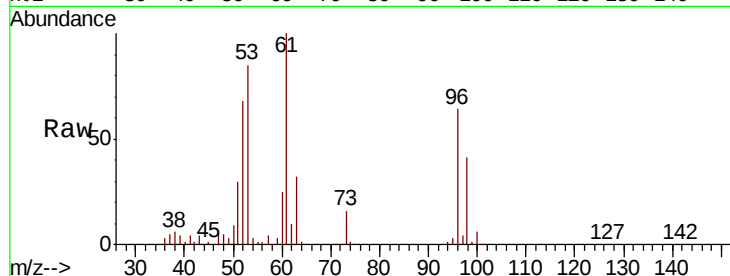
Tot Ion: 96 Resp: 85147

Ion Ratio Lower Upper

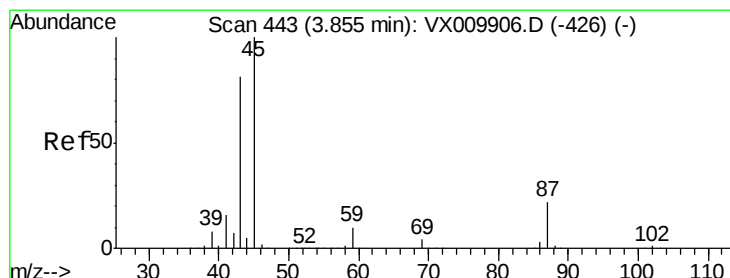
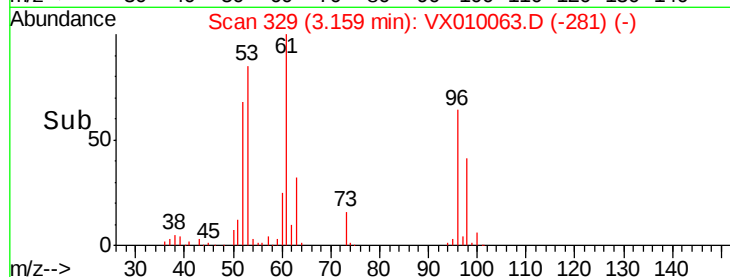
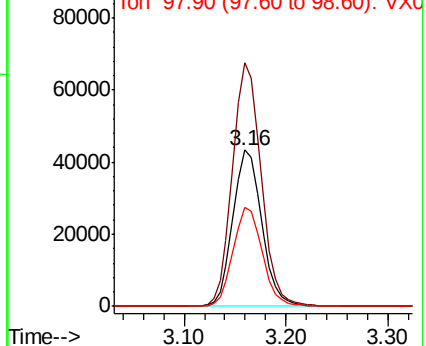
96 100

61 155.7 125.7 188.5

98 63.4 49.0 73.6



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



#22

Diisopropyl ether

Concen: 42.365 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX010063.D

Acq: 04 Jun 2019 17:51

Tgt Ion: 45 Resp: 365303

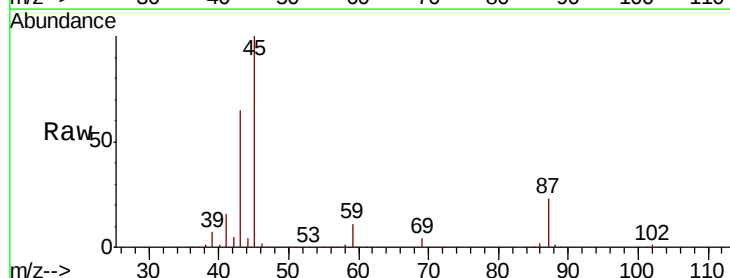
Ion Ratio Lower Upper

45 100

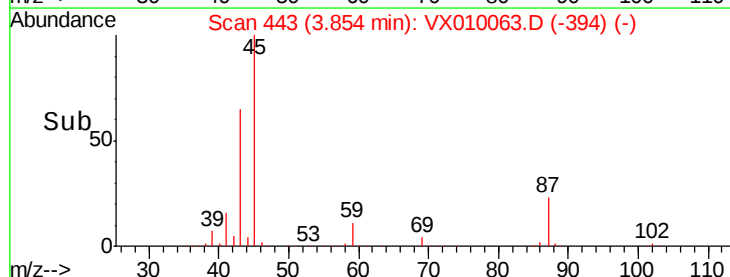
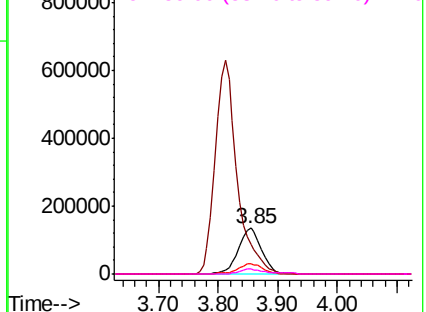
43 65.4 65.0 97.4

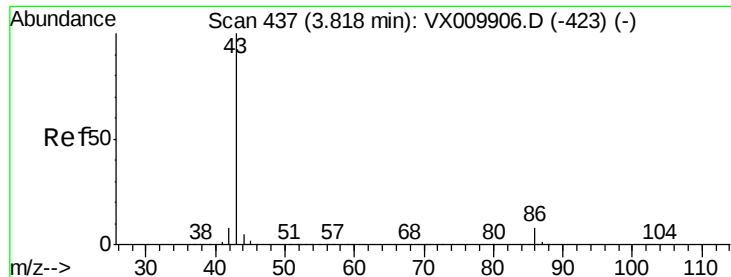
87 23.2 17.3 25.9

59 10.8 8.1 12.1



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: 208.456 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX010063.D

Acq: 04 Jun 2019 17:51

Instrument :

MSVOA_X

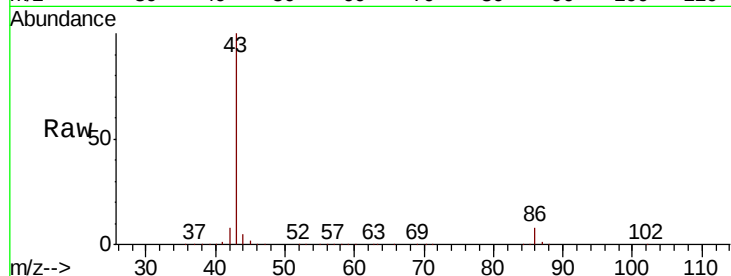
ClientSampleId :

Tot Ion: 43 Resp: 1614767

Ion Ratio Lower Upper

43 100

86 8.5 6.5 9.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.81

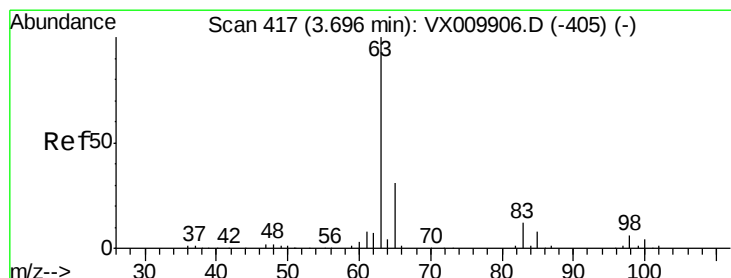
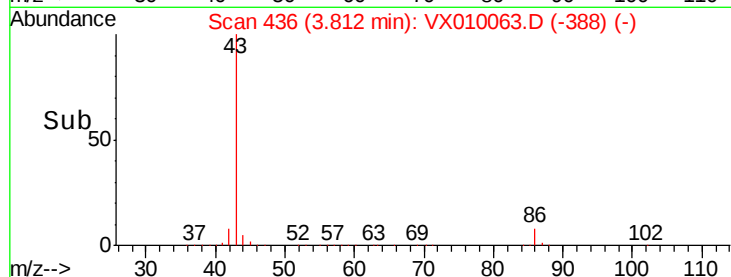
600000

400000

200000

0

Time--> 3.60 3.80 4.00 4.20



#24

1,1-Dichloroethane

Concen: 41.998 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX010063.D

Acq: 04 Jun 2019 17:51

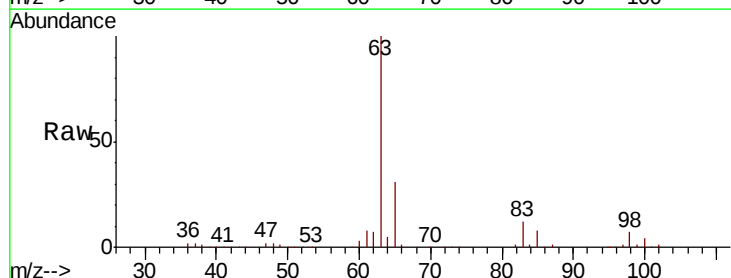
Tgt Ion: 63 Resp: 175501

Ion Ratio Lower Upper

63 100

98 6.7 2.9 8.8

100 3.6 1.8 5.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.69

80000

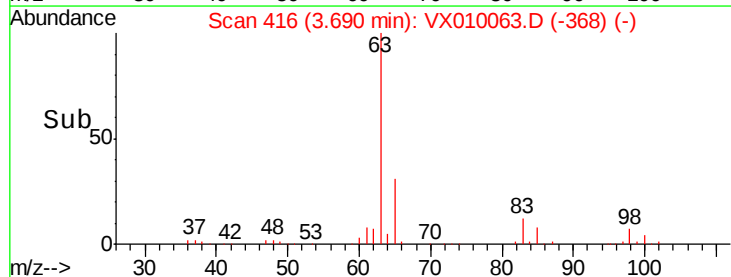
60000

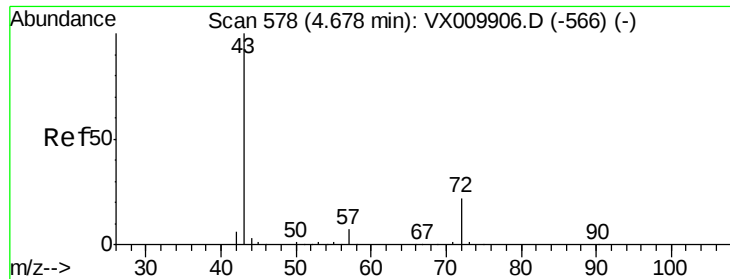
40000

20000

0

Time--> 3.60 3.70 3.80





#25

2-Butanone

Concen: 207.703 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.01 min

Lab File: VX010063.D

Acq: 04 Jun 2019 17:51

Instrument :

MSVOA_X

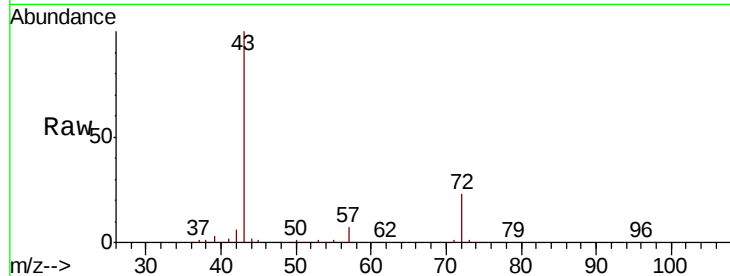
ClientSampleId :

Tot Ion: 43 Resp: 486264

Ion Ratio Lower Upper

43 100

72 22.7 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.67

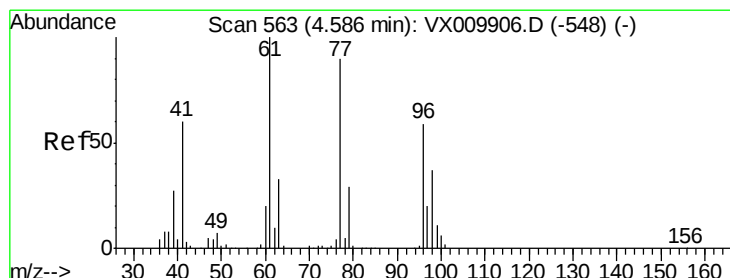
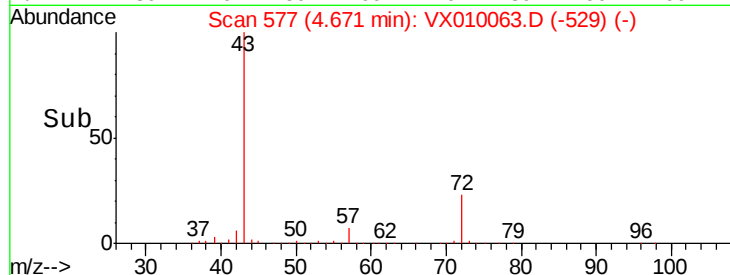
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 44.689 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX010063.D

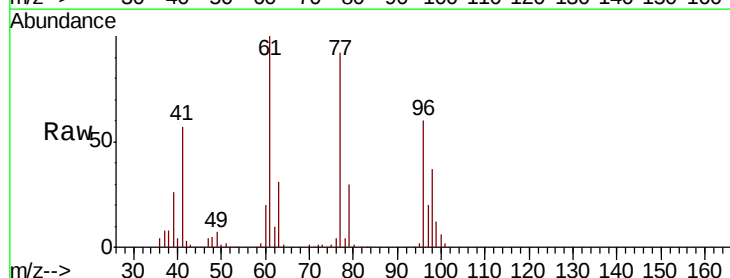
Acq: 04 Jun 2019 17:51

Tgt Ion: 77 Resp: 141265

Ion Ratio Lower Upper

77 100

97 22.4 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.58

50000

40000

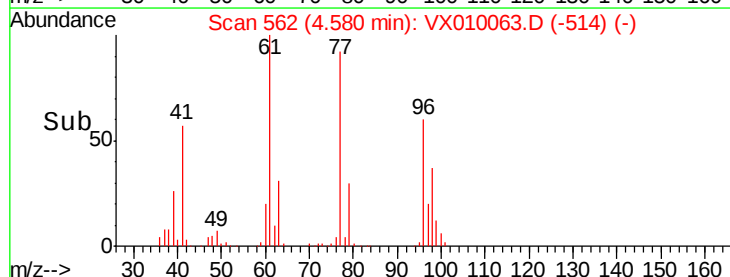
30000

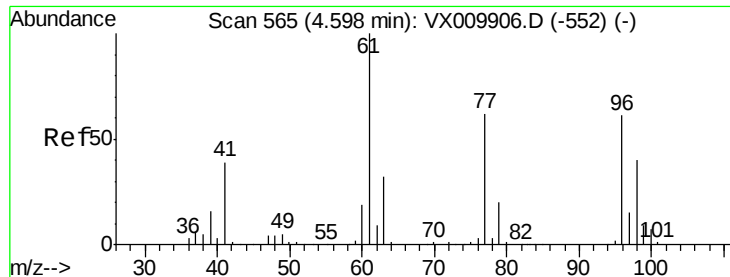
20000

10000

0

Time-->



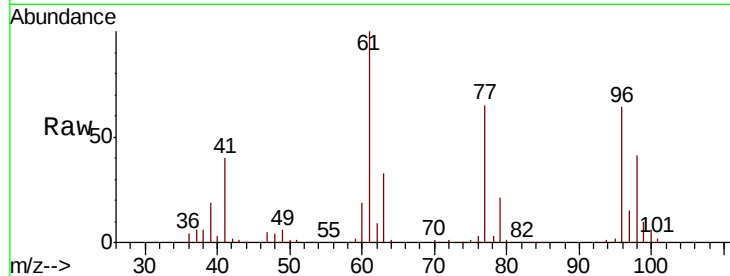


#27

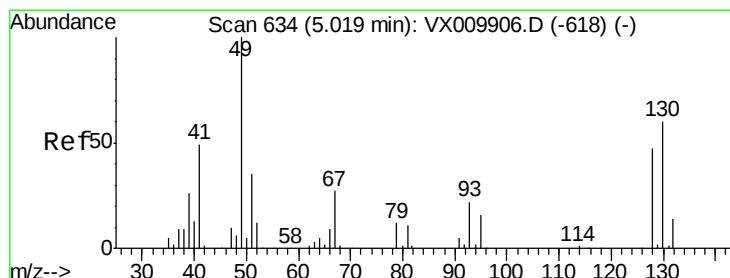
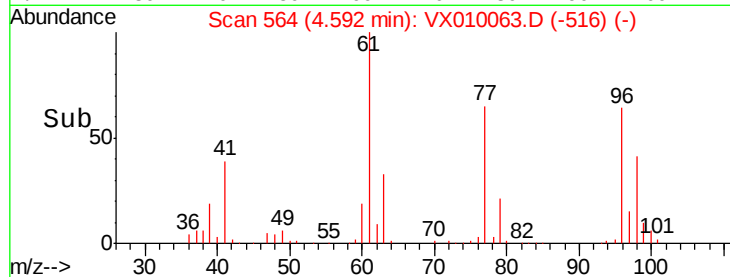
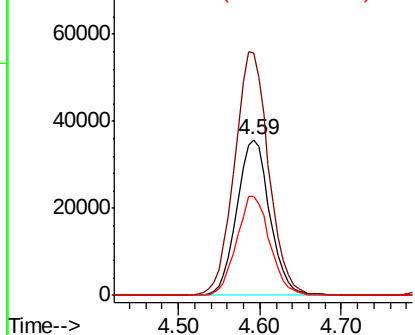
cis-1,2-Dichloroethene
Concen: 41.795 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX010063.D
Acq: 04 Jun 2019 17:51

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	162.6	0.0	334.0
98	64.4	0.0	131.6



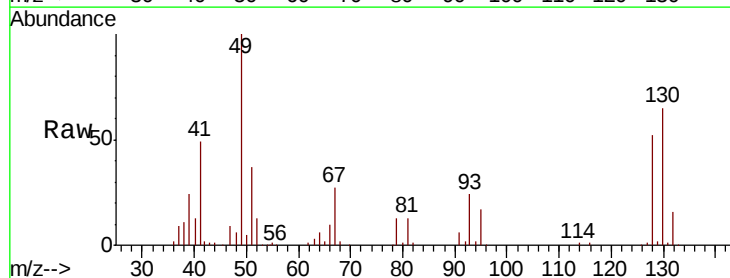
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



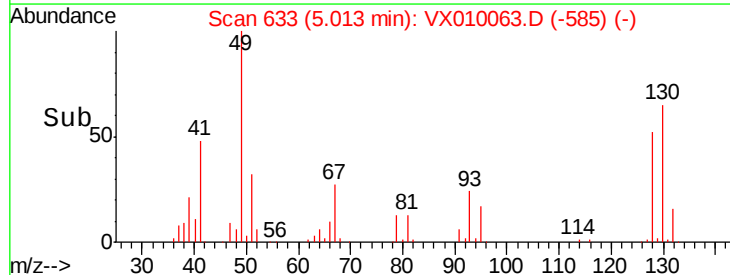
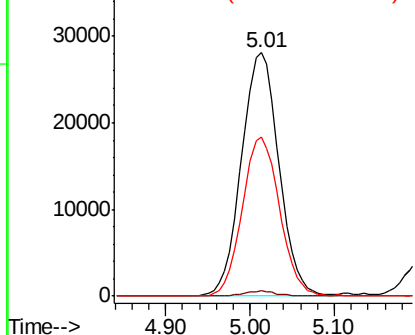
#28

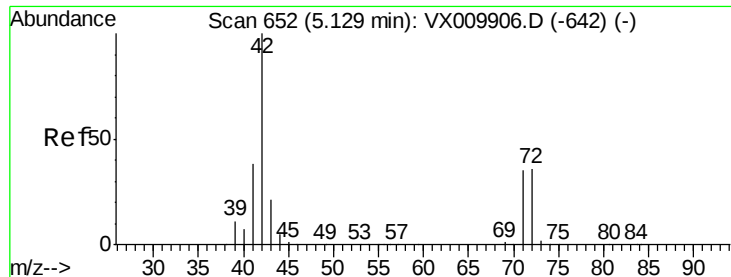
Bromochloromethane
Concen: 39.203 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX010063.D
Acq: 04 Jun 2019 17:51

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.4
130	64.9	49.4	74.2



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

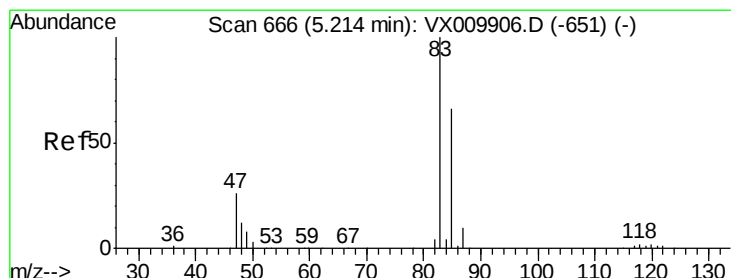
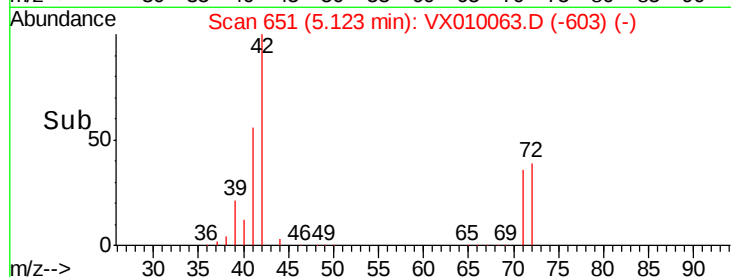
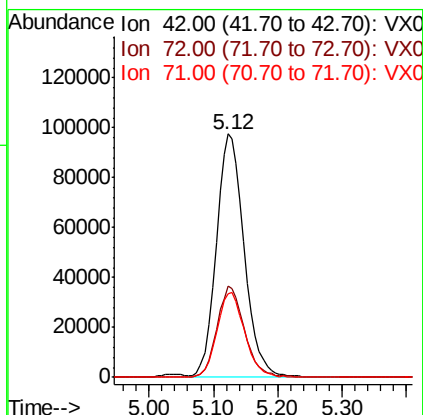
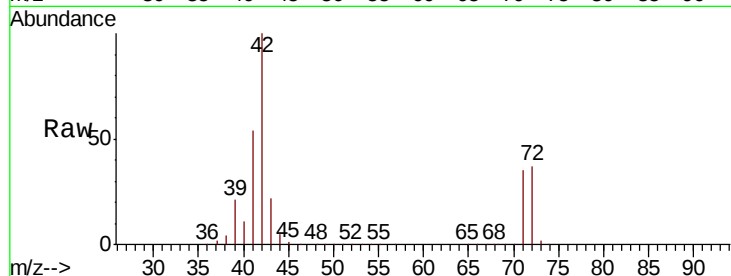




#29
Tetrahydrofuran
Concen: 196.428 ug/l
RT: 5.12 min Scan# 651
Delta R.T. -0.01 min
Lab File: VX010063.D
Acq: 04 Jun 2019 17:51

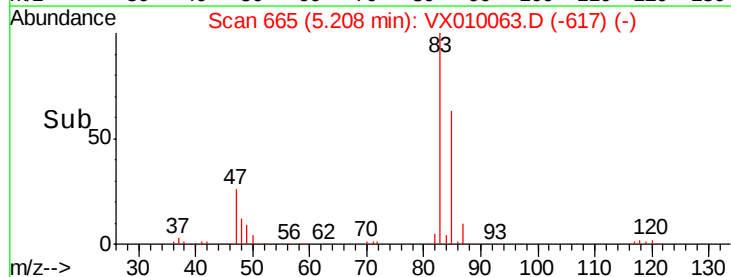
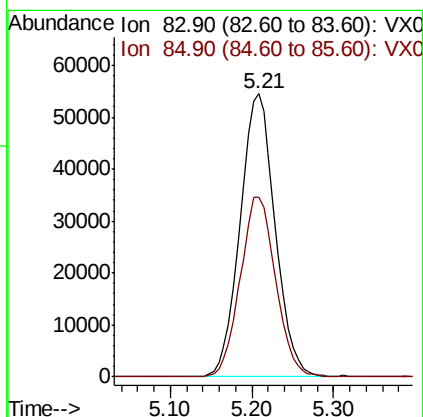
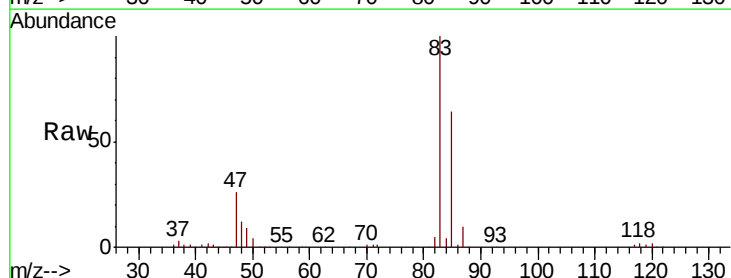
Instrument :
MSVOA_X
ClientSampleId :

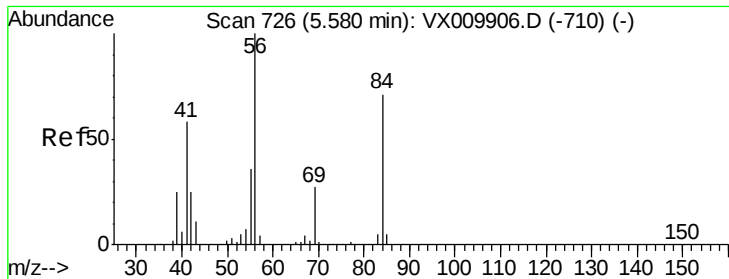
Tot Ion: 42 Resp: 294896
Ion Ratio Lower Upper
42 100
72 37.3 29.2 43.8
71 34.9 27.6 41.4



#30
Chloroform
Concen: 43.078 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX010063.D
Acq: 04 Jun 2019 17:51

Tgt Ion: 83 Resp: 162348
Ion Ratio Lower Upper
83 100
85 63.7 52.6 78.8





#31

Cyclohexane

Concen: 43.476 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX010063.D

Acq: 04 Jun 2019 17:51

Instrument :

MSVOA_X

ClientSampled :

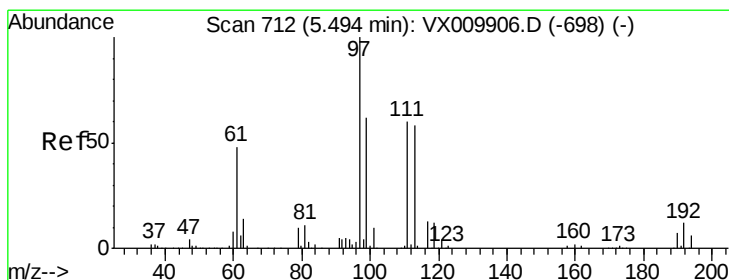
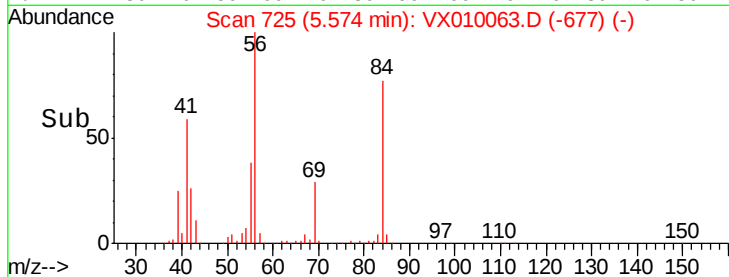
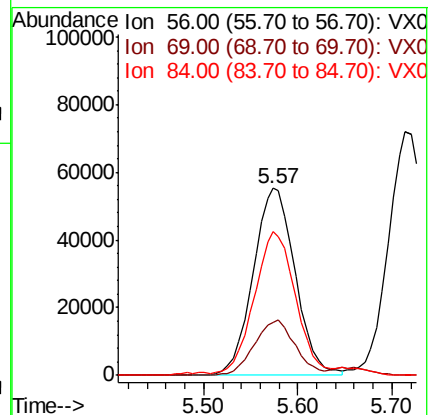
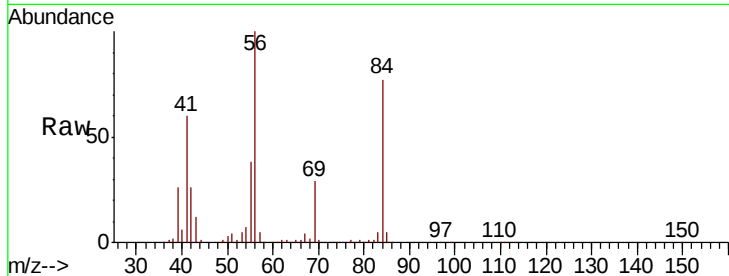
Tot Ion: 56 Resp: 172071

Ion Ratio Lower Upper

56 100

69 28.5 21.6 32.4

84 75.5 56.8 85.2



#32

1,1,1-Trichloroethane

Concen: 44.827 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX010063.D

Acq: 04 Jun 2019 17:51

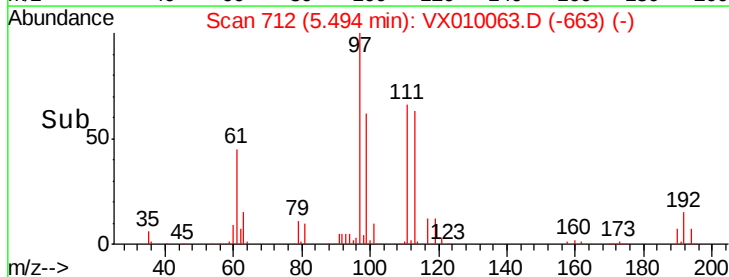
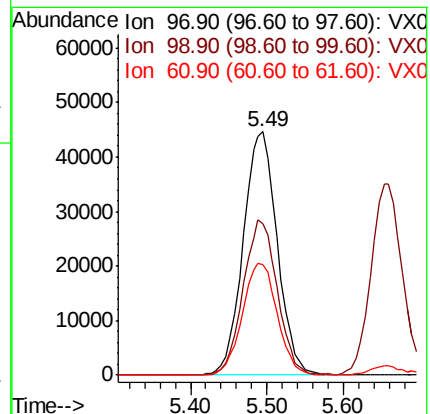
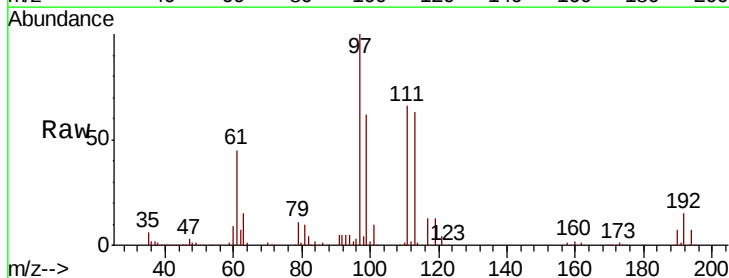
Tgt Ion: 97 Resp: 137583

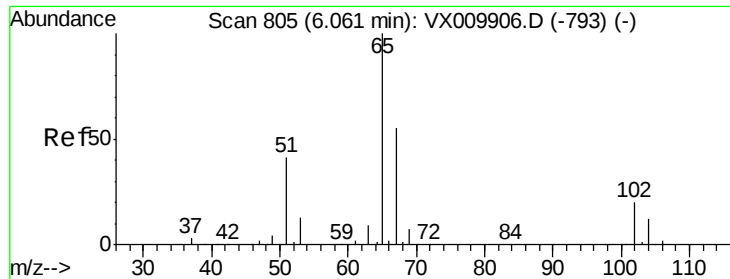
Ion Ratio Lower Upper

97 100

99 63.9 51.0 76.4

61 47.4 38.7 58.1

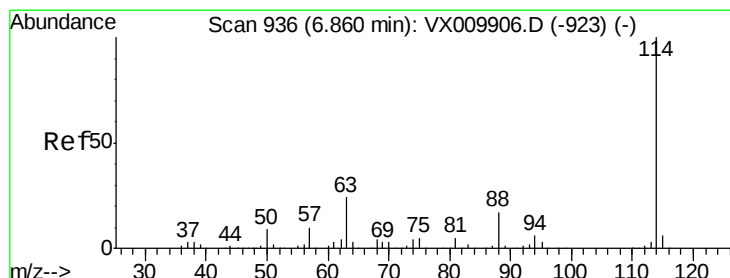
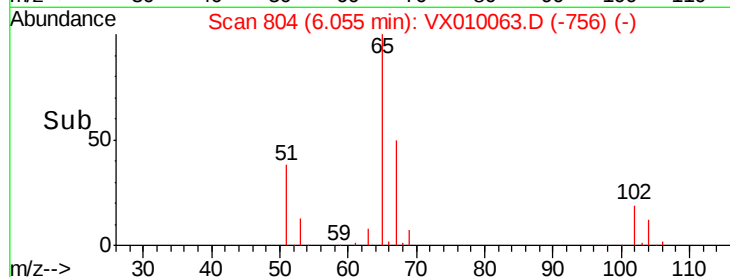
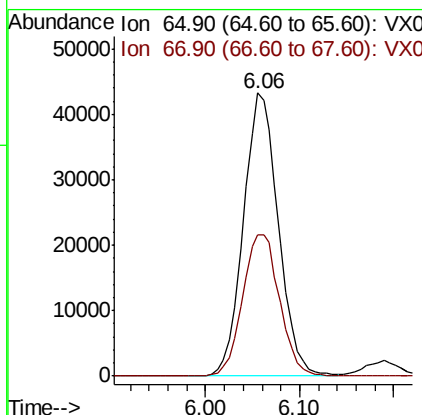
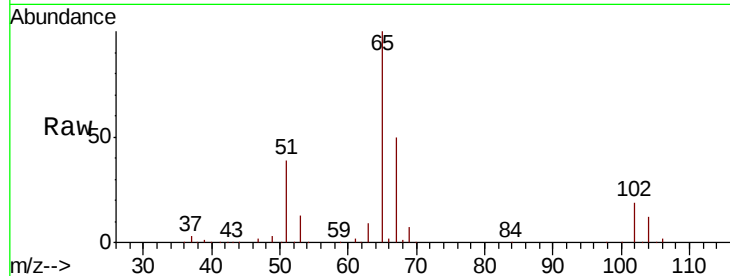




#33
 1,2-Dichloroethane-d4
 Concen: 43.162 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX010063.D
 Acq: 04 Jun 2019 17:51

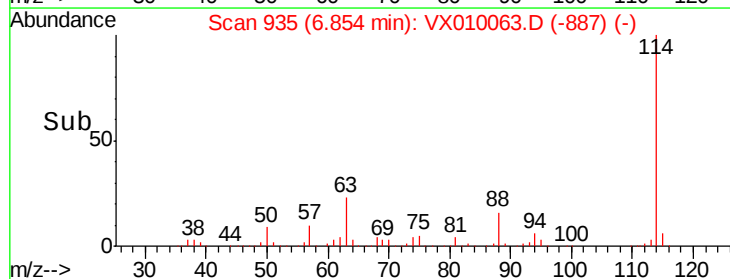
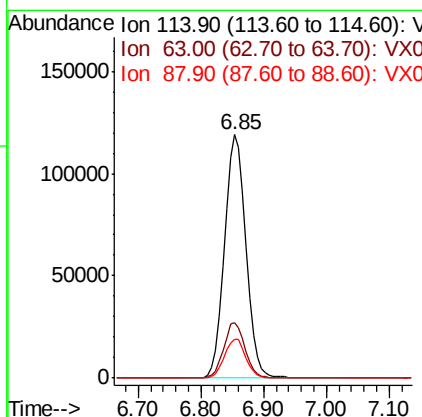
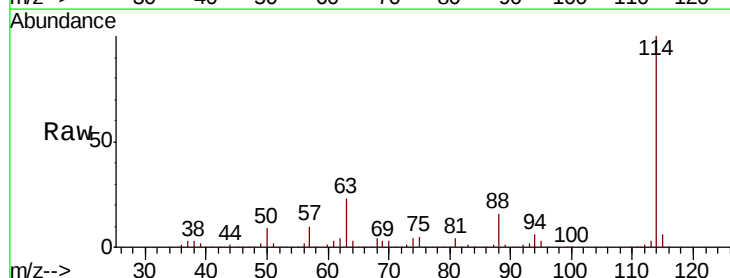
Instrument :
 MSVOA_X
 ClientSampleId :

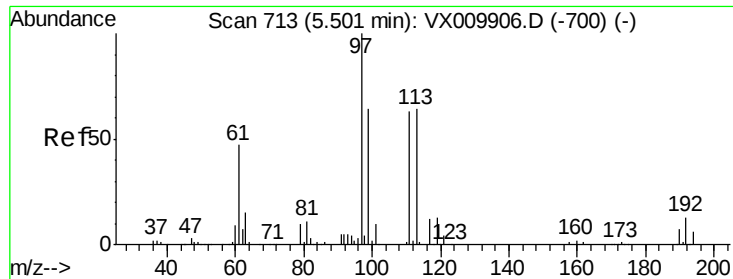
Tot Ion: 65 Resp: 112256
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX010063.D
 Acq: 04 Jun 2019 17:51

Tgt Ion: 114 Resp: 281953
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 47.4
 88 16.0 0.0 33.0

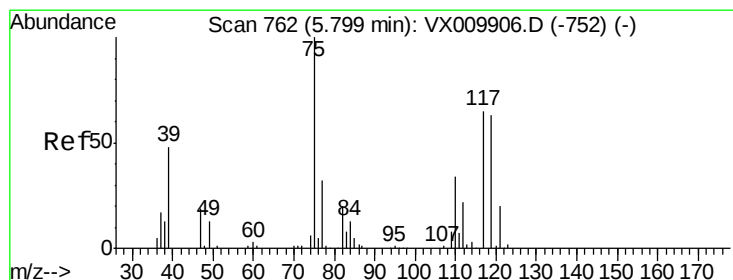
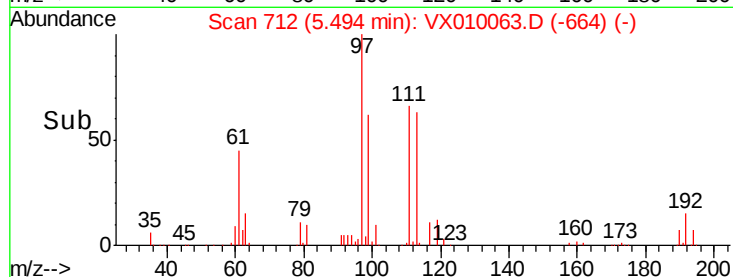
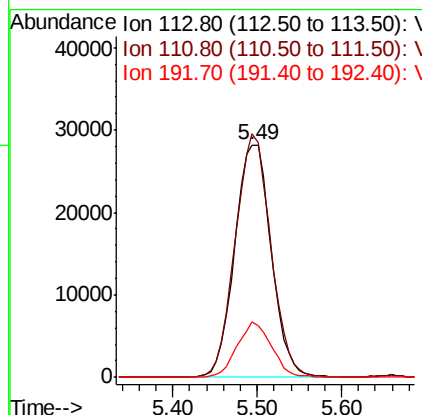
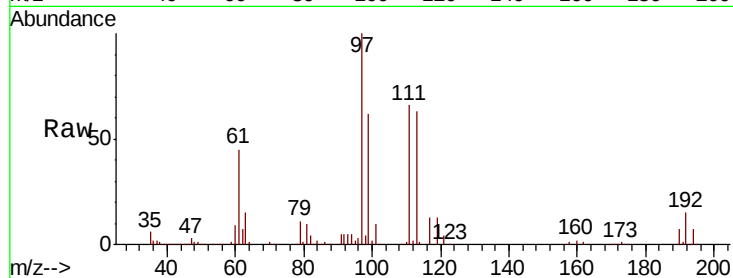




#35
 Dibromofluoromethane
 Concen: 46.735 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX010063.D
 Acq: 04 Jun 2019 17:51

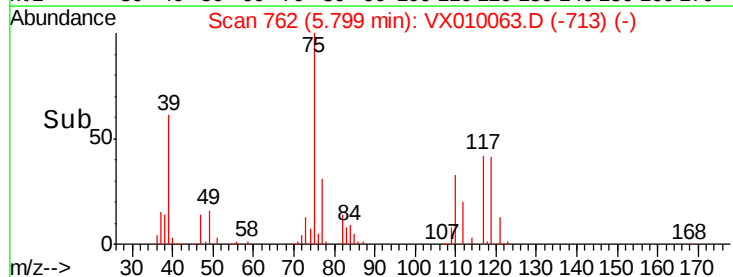
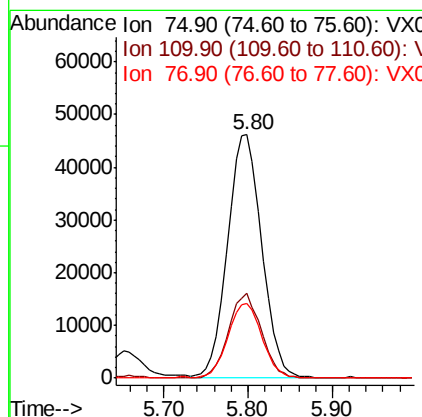
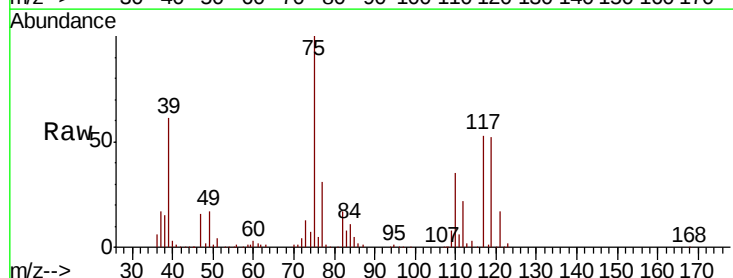
Instrument :
 MSVOA_X
 ClientSampleId :

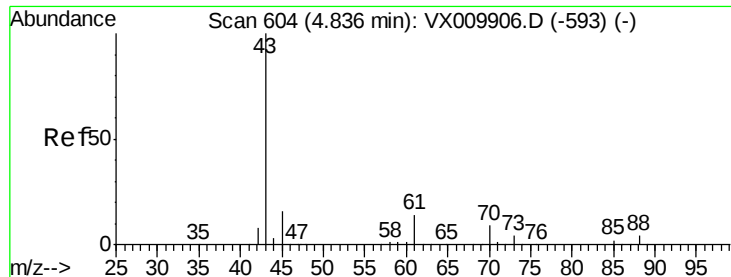
Tot Ion:113 Resp: 82844
 Ion Ratio Lower Upper
 113 100
 111 102.1 82.2 123.2
 192 22.2 17.1 25.7



#36
 1,1-Dichloropropene
 Concen: 44.344 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX010063.D
 Acq: 04 Jun 2019 17:51

Tgt Ion: 75 Resp: 126856
 Ion Ratio Lower Upper
 75 100
 110 33.8 16.7 50.1
 77 30.8 25.0 37.4

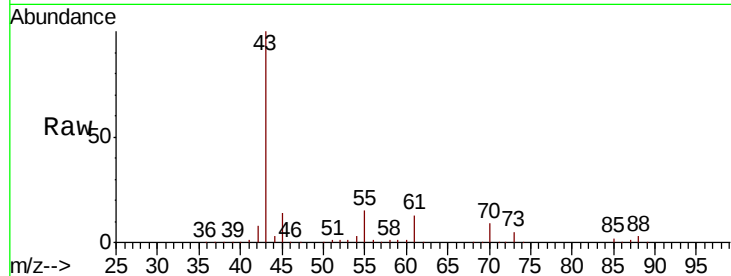




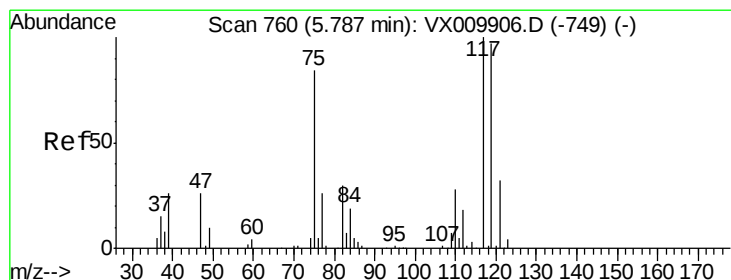
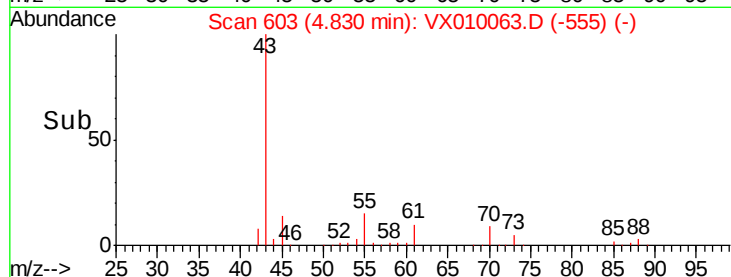
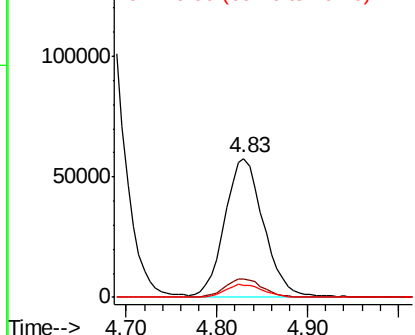
#37
Ethyl Acetate
Concen: 42.561 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX010063.D
Acq: 04 Jun 2019 17:51

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 169652
Ion Ratio Lower Upper
43 100
61 13.0 10.2 15.2
70 9.3 7.4 11.2

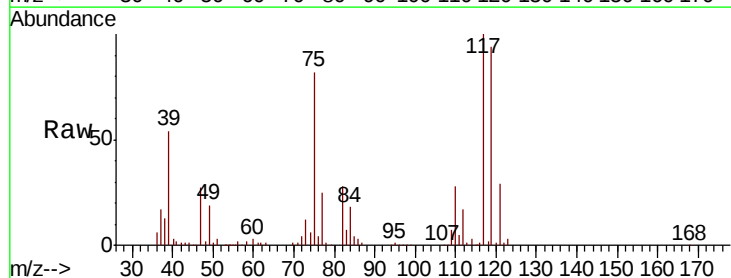


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

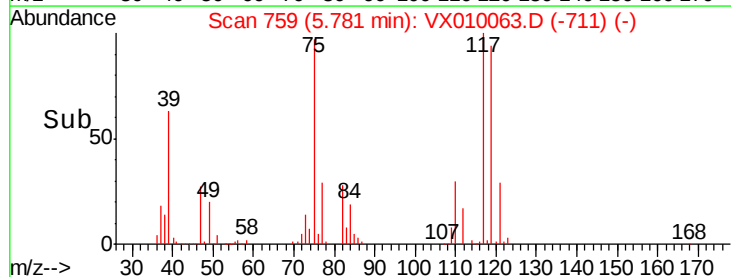
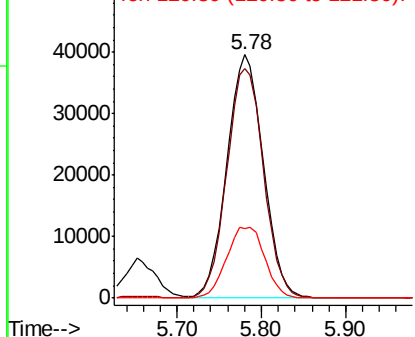


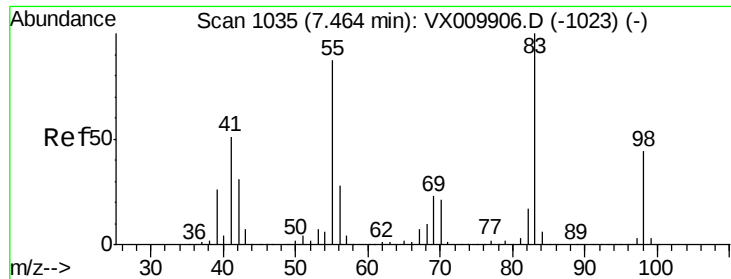
#38
Carbon Tetrachloride
Concen: 46.875 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX010063.D
Acq: 04 Jun 2019 17:51

Tgt Ion: 117 Resp: 115879
Ion Ratio Lower Upper
117 100
119 94.2 77.3 115.9
121 28.8 25.4 38.0



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

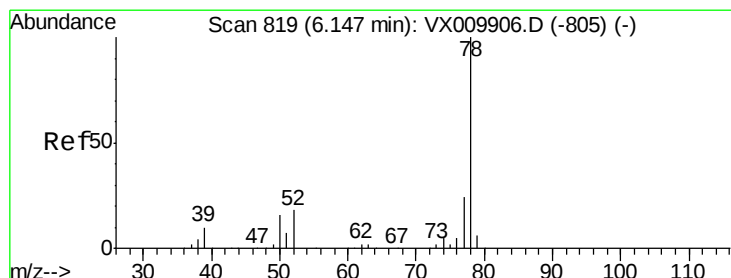
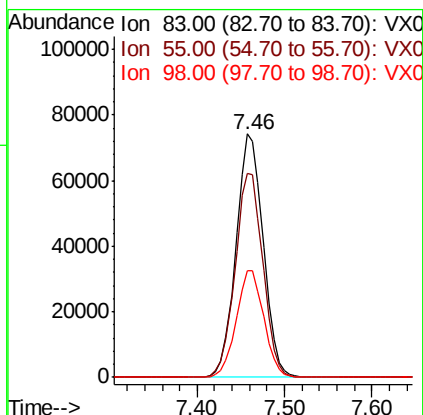
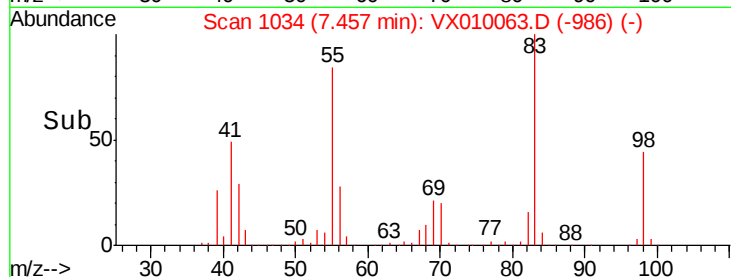
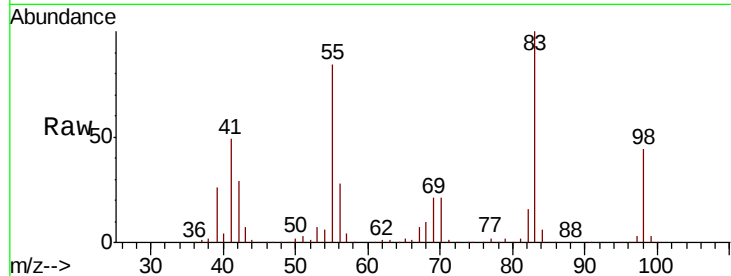




#39
Methvlcvclohexane
Concen: 47.278 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX010063.D
Acq: 04 Jun 2019 17:51

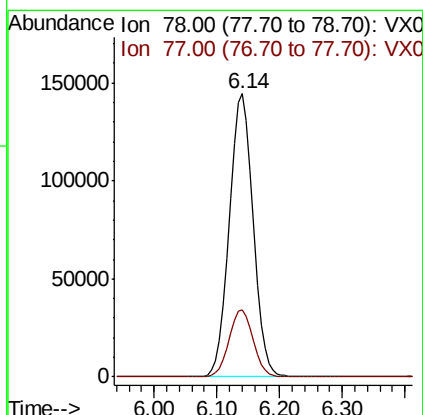
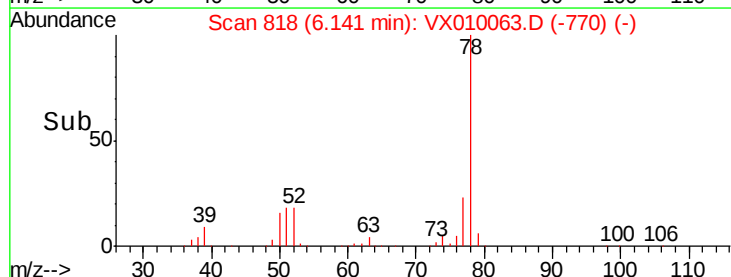
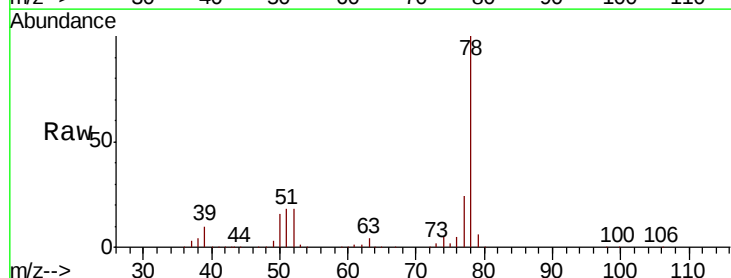
Instrument :
MSVOA_X
ClientSampleId :

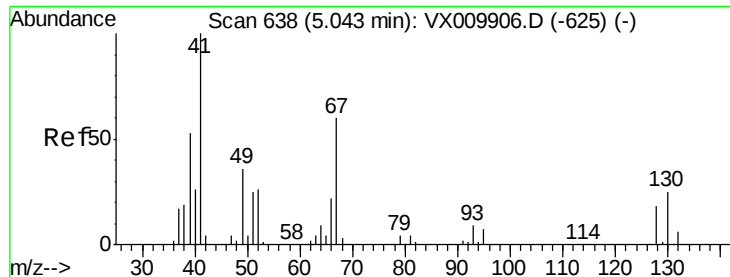
Tot Ion: 83 Resp: 160432
Ion Ratio Lower Upper
83 100
55 84.0 69.9 104.9
98 43.6 35.1 52.7



#40
Benzene
Concen: 44.901 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX010063.D
Acq: 04 Jun 2019 17:51

Tgt Ion: 78 Resp: 381043
Ion Ratio Lower Upper
78 100
77 23.5 19.2 28.8





#41

Methacrylonitrile

Concen: 41.566 ug/l

RT: 5.04 min Scan# 638

Delta R.T. -0.00 min

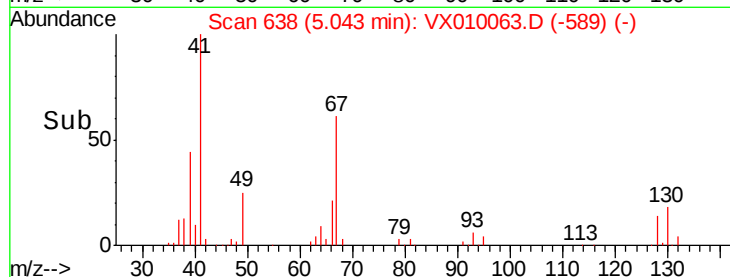
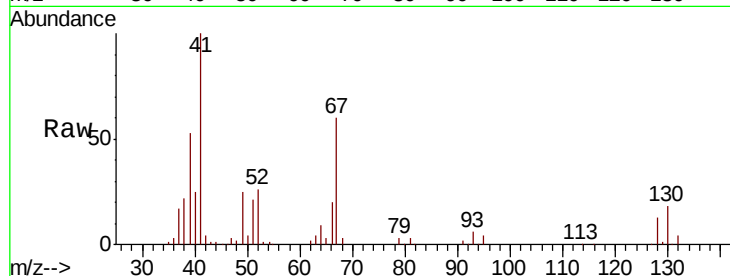
Lab File: VX010063.D

Acq: 04 Jun 2019 17:51

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 41 Resp: 96815

Ion	Ratio	Lower	Upper
41	100		
39	55.0	42.2	63.4
67	62.7	48.9	73.3
52	26.6	20.1	30.1

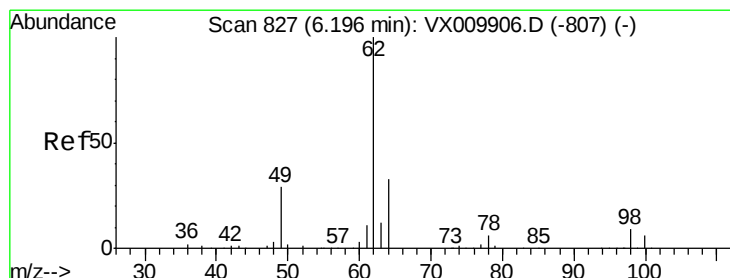


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 44.313 ug/l

RT: 6.19 min Scan# 826

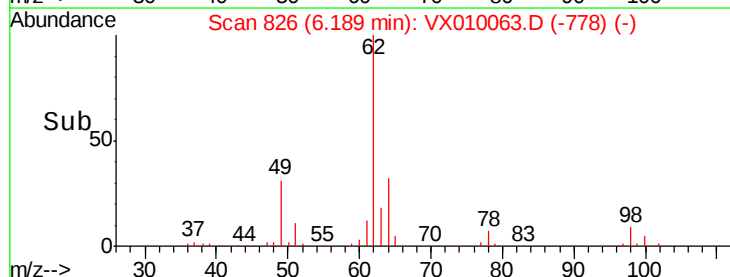
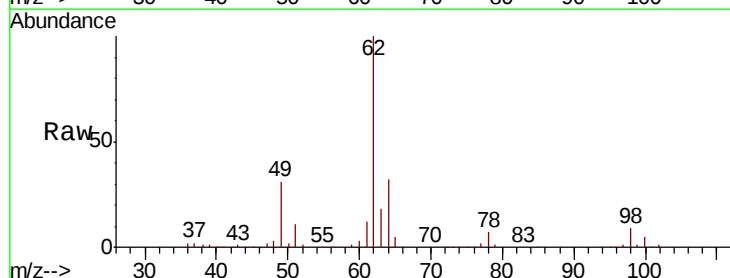
Delta R.T. -0.01 min

Lab File: VX010063.D

Acq: 04 Jun 2019 17:51

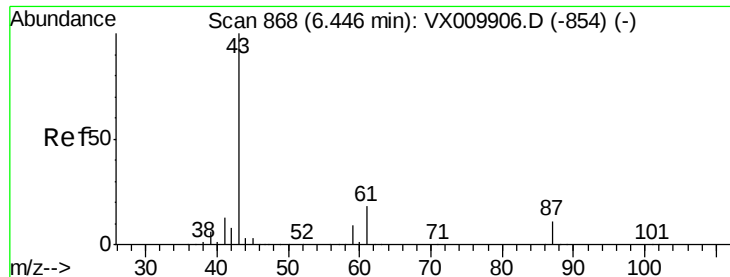
Tgt Ion: 62 Resp: 139025

Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

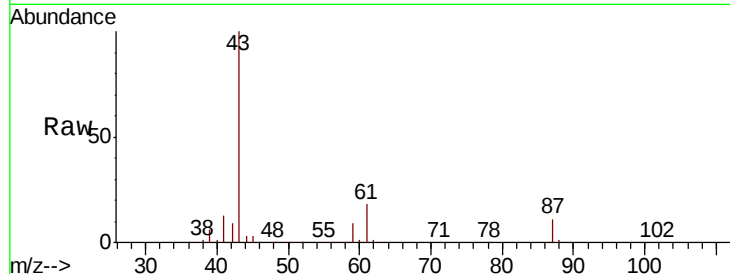


#43

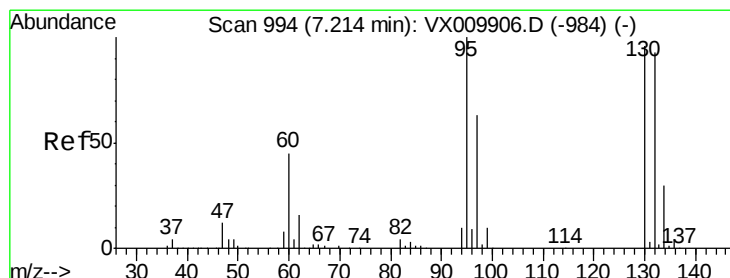
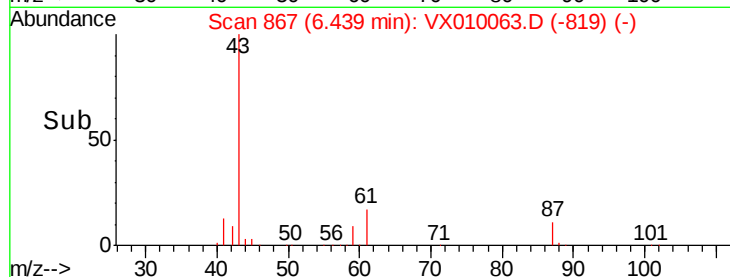
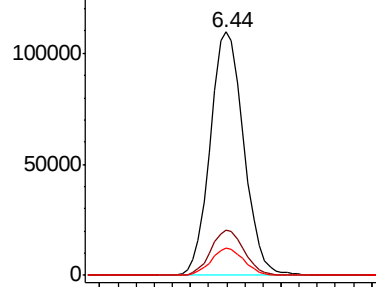
Isopropyl Acetate
 Concen: 43.531 ug/l
 RT: 6.44 min Scan# 867
 Delta R.T. -0.01 min
 Lab File: VX010063.D
 Acq: 04 Jun 2019 17:51

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion: 43 Resp: 279980
 Ion Ratio Lower Upper
 43 100
 61 18.6 14.6 21.8
 87 11.1 8.7 13.1



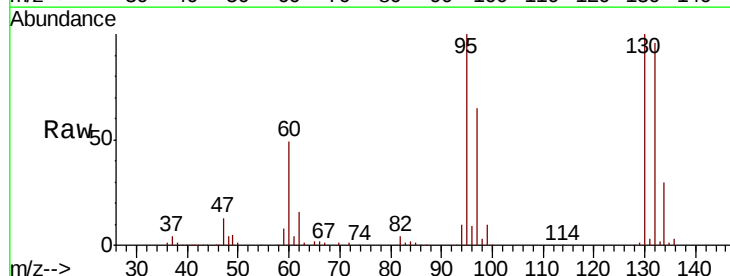
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



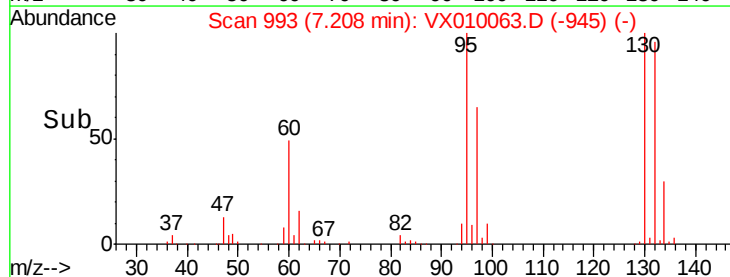
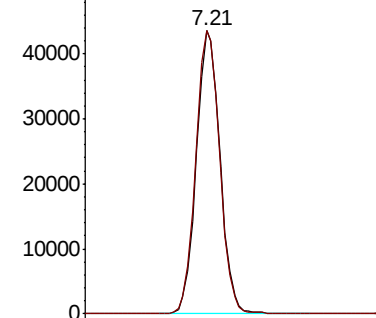
#44

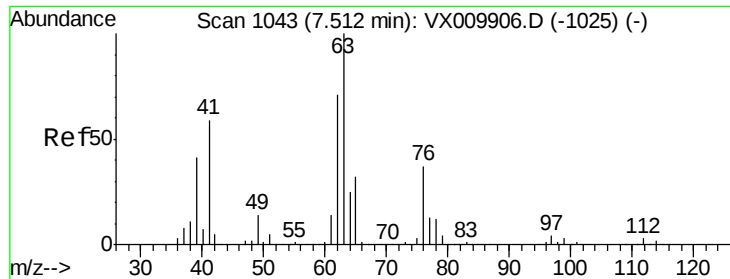
Trichloroethene
 Concen: 45.141 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: VX010063.D
 Acq: 04 Jun 2019 17:51

Tgt Ion:130 Resp: 93051
 Ion Ratio Lower Upper
 130 100
 95 100.0 0.0 207.4



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





#45

1,2-Dichloropropane

Concen: 44.141 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX010063.D

Acq: 04 Jun 2019 17:51

Instrument :

MSVOA_X

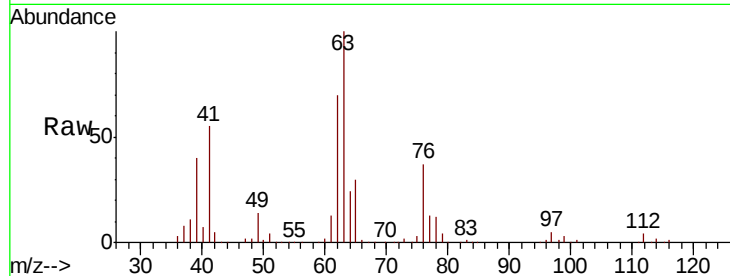
ClientSampled :

Tot Ion: 63 Resp: 107831

Ion Ratio Lower Upper

63 100

65 29.6 25.7 38.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

60000

50000

40000

30000

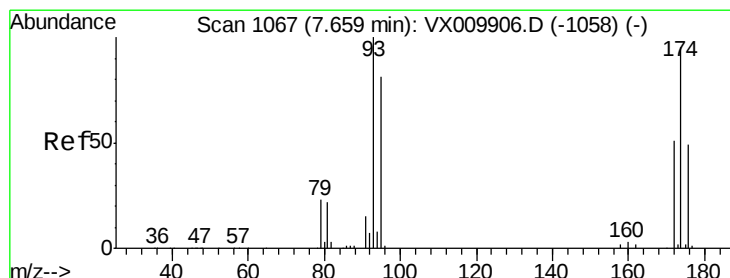
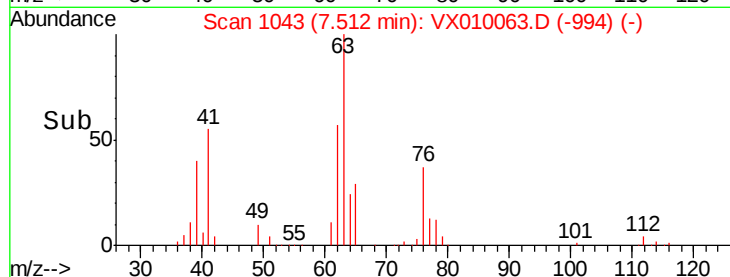
20000

10000

0

7.40 7.50 7.60

Time-->



#46

Dibromomethane

Concen: 43.035 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX010063.D

Acq: 04 Jun 2019 17:51

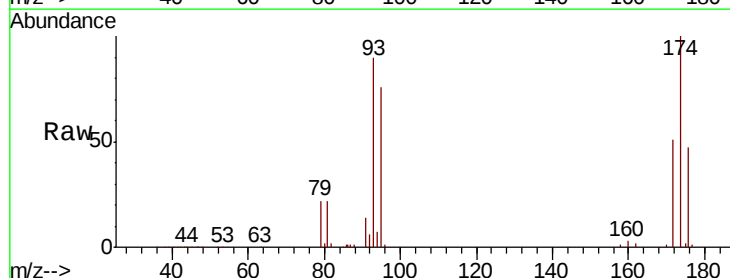
Tgt Ion: 93 Resp: 61882

Ion Ratio Lower Upper

93 100

95 83.4 66.8 100.2

174 108.4 81.9 122.9



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

40000

30000

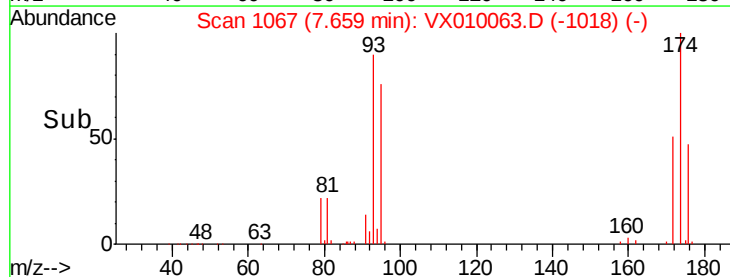
20000

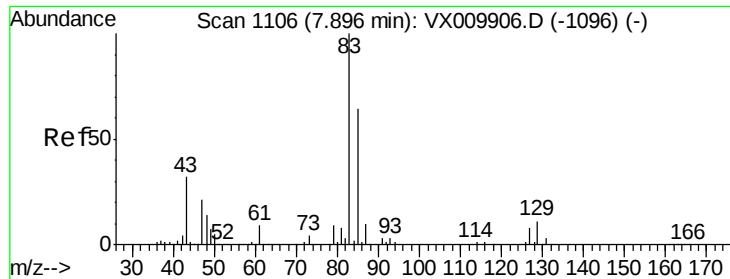
10000

0

7.55 7.60 7.65 7.70 7.75

Time-->





#47

Bromodichloromethane

Concen: 47.075 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX010063.D

Acq: 04 Jun 2019 17:51

Instrument :
MSVOA_X
ClientSampled :

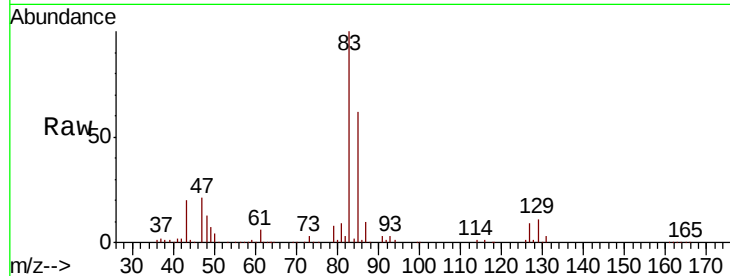
Tot Ion: 83 Resp: 128724

Ion Ratio Lower Upper

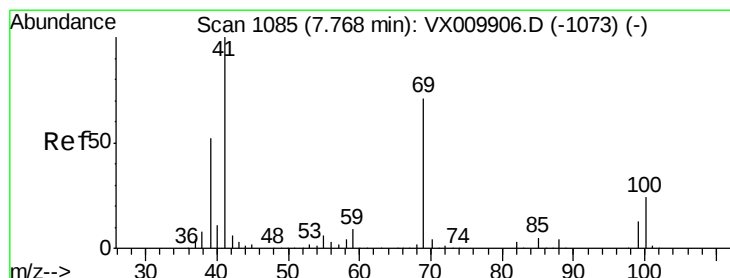
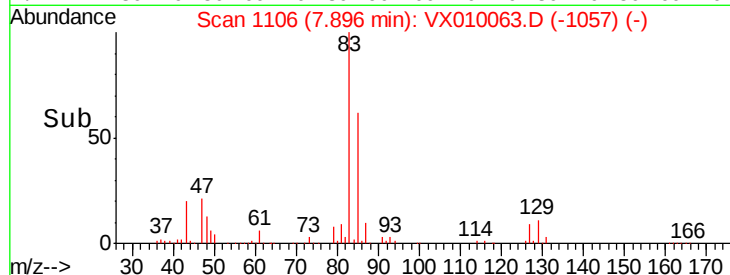
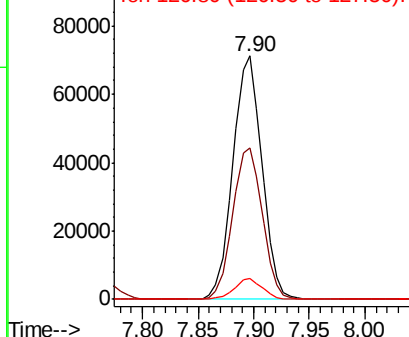
83 100

85 62.0 51.4 77.2

127 8.6 6.4 9.6



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: 44.498 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX010063.D

Acq: 04 Jun 2019 17:51

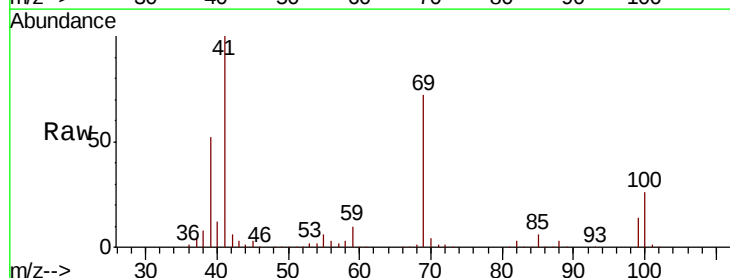
Tgt Ion: 41 Resp: 141678

Ion Ratio Lower Upper

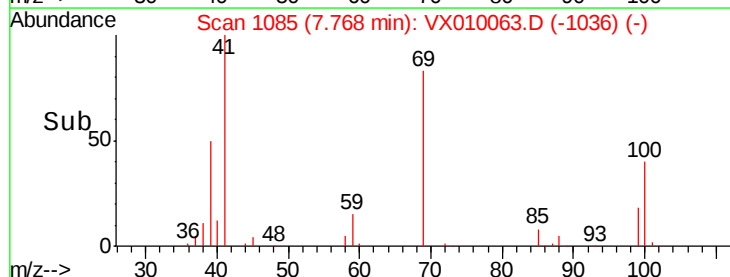
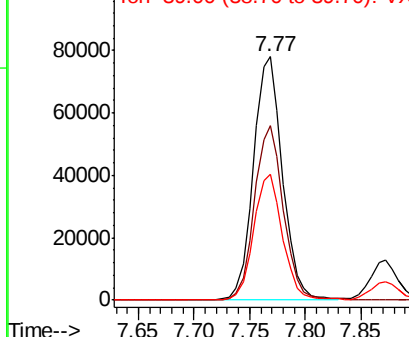
41 100

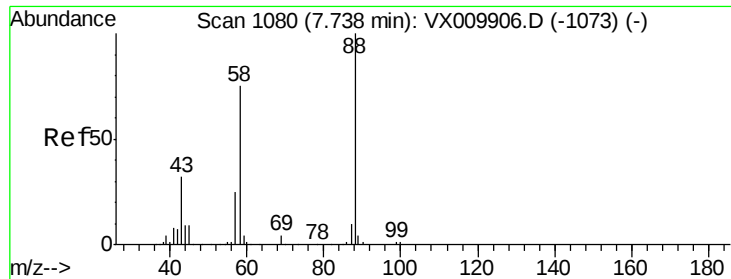
69 72.0 56.4 84.6

39 51.2 40.6 60.8



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

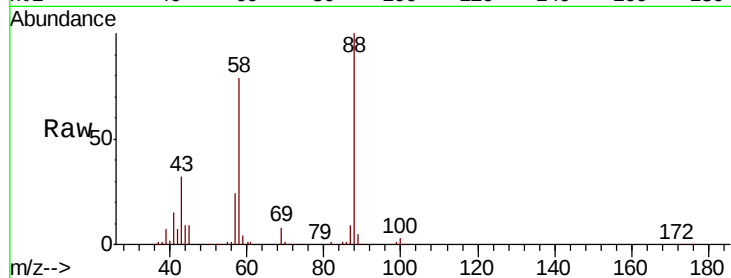




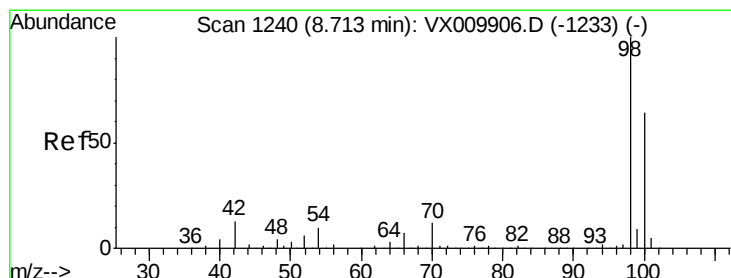
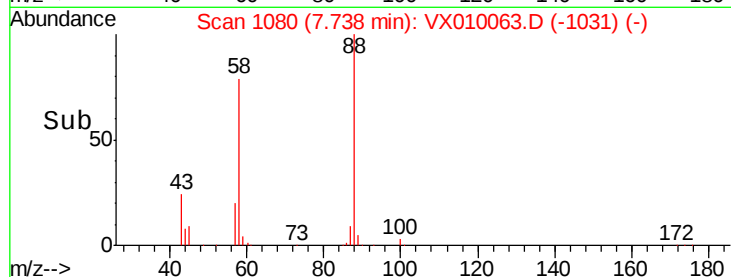
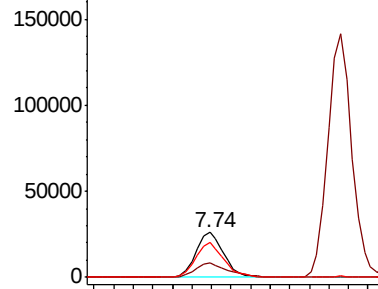
#49
1,4-Dioxane
Concen: 874.814 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX010063.D
Acq: 04 Jun 2019 17:51

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	88	Resp	51810
Ion	Ratio	Lower	Upper
88	100		
43	37.1	30.2	45.4
58	78.7	64.0	96.0

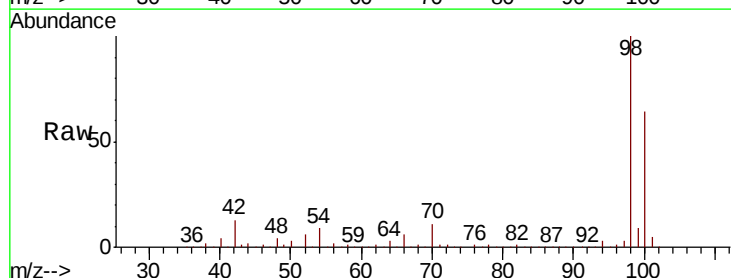


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

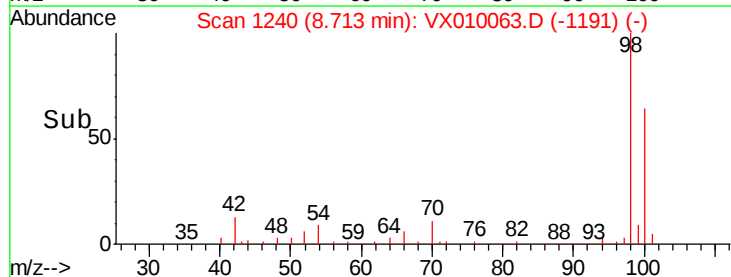
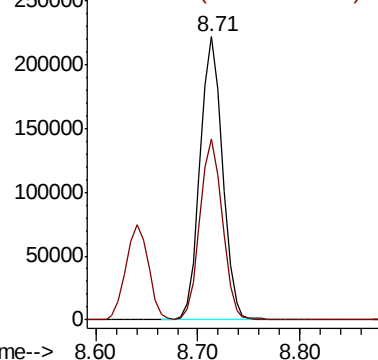


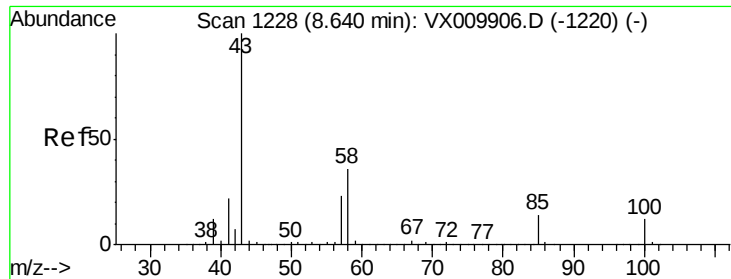
#50
Toluene-d8
Concen: 46.853 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX010063.D
Acq: 04 Jun 2019 17:51

Tgt Ion	98	Resp	337265
Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.5	77.3



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





#51

4-Methyl-2-Pentanone

Concen: 220.507 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX010063.D

Acq: 04 Jun 2019 17:51

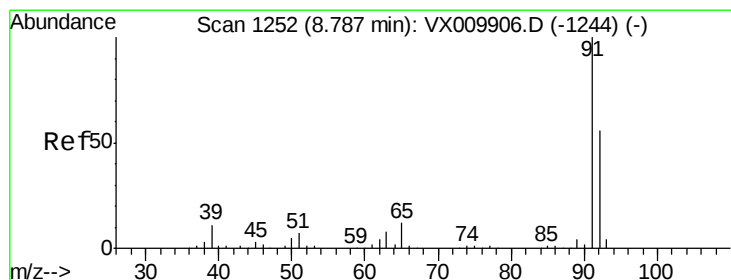
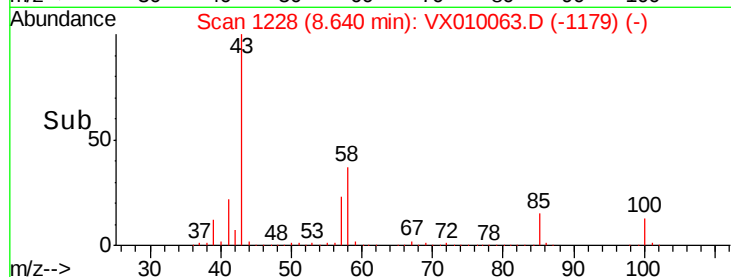
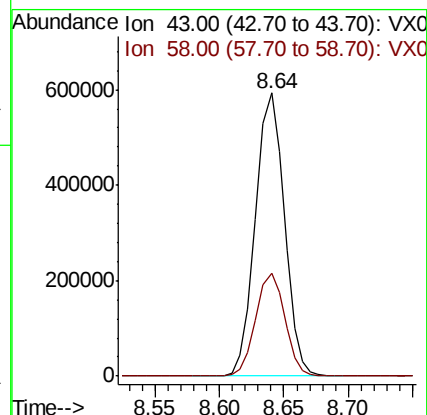
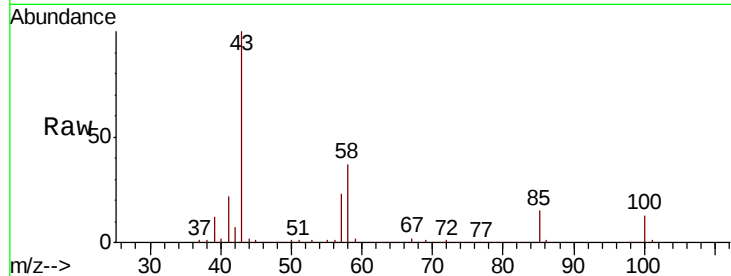
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 922583

Ion Ratio Lower Upper

43 100

58 36.6 28.8 43.2



#52

Toluene

Concen: 45.770 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX010063.D

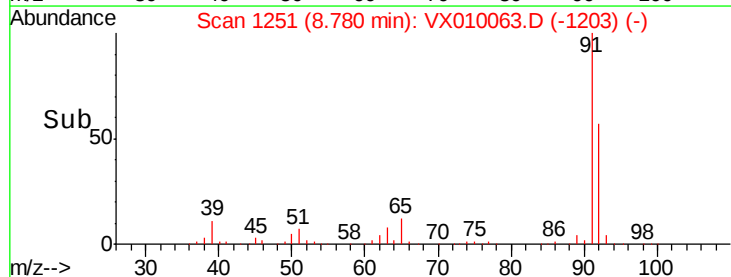
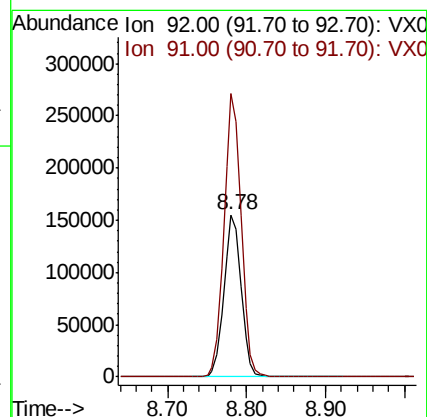
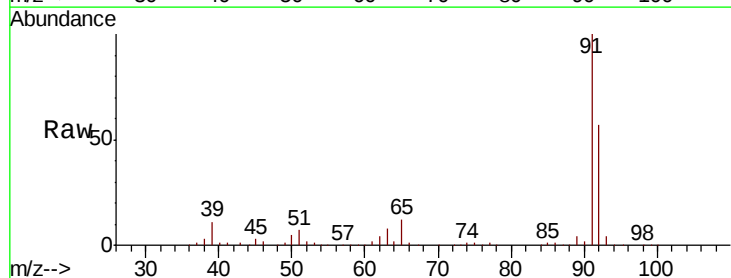
Acq: 04 Jun 2019 17:51

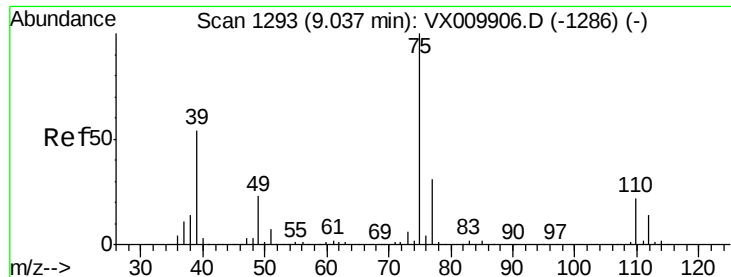
Tgt Ion: 92 Resp: 235830

Ion Ratio Lower Upper

92 100

91 174.3 139.9 209.9





#53

t-1,3-Dichloropropene

Concen: 46.946 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VX010063.D

Acq: 04 Jun 2019 17:51

Instrument :

MSVOA_X

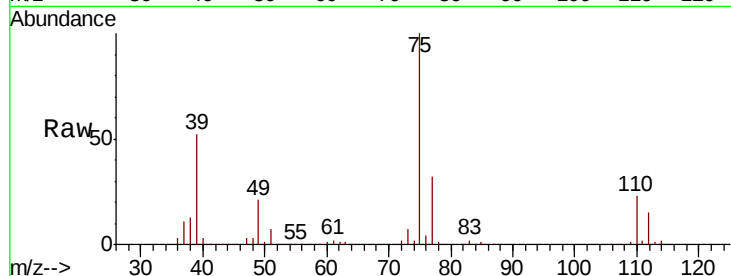
ClientSampled :

Tot Ion: 75 Resp: 153954

Ion Ratio Lower Upper

75 100

77 32.1 24.6 36.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

120000

100000

80000

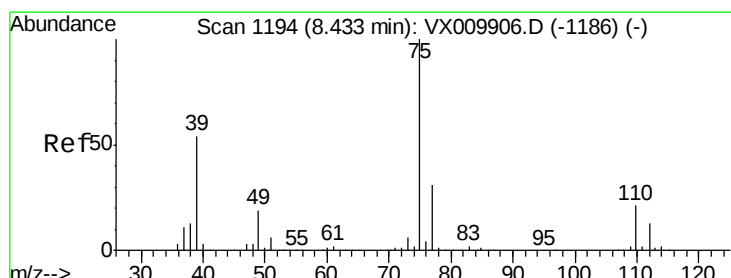
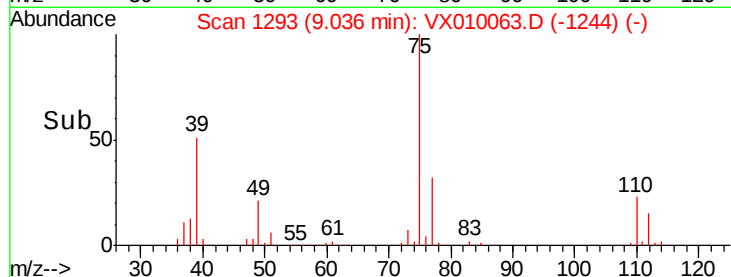
60000

40000

20000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 46.896 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX010063.D

Acq: 04 Jun 2019 17:51

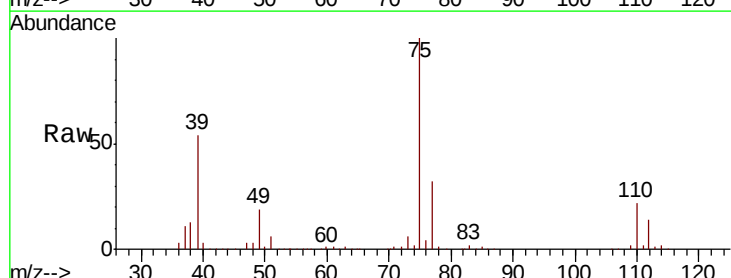
Tgt Ion: 75 Resp: 167564

Ion Ratio Lower Upper

75 100

77 32.0 24.8 37.2

39 54.1 43.4 65.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

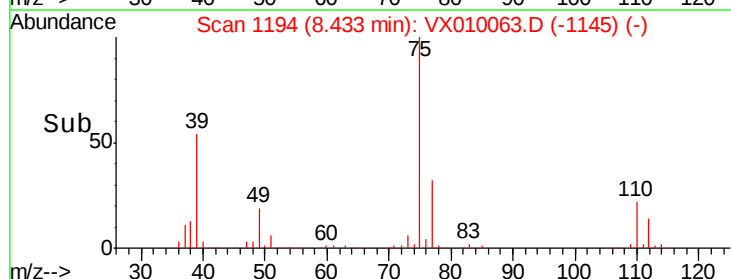
8.43

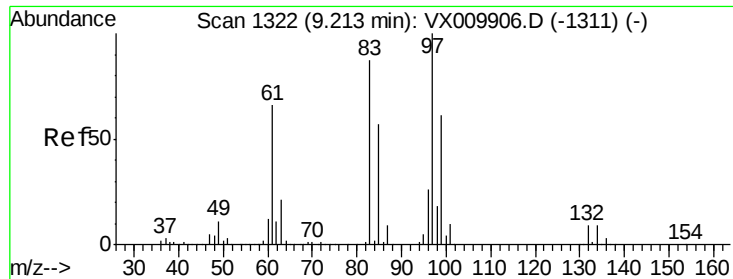
100000

50000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 46.000 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX010063.D

Acq: 04 Jun 2019 17:51

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 95397

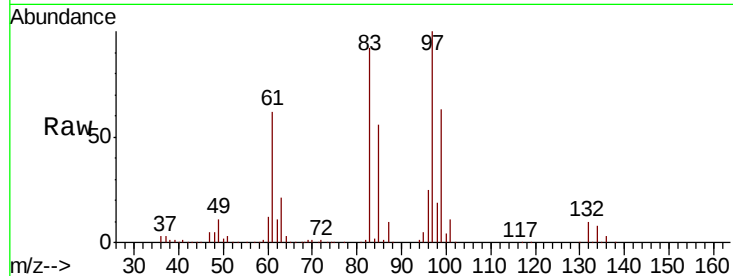
Ion Ratio Lower Upper

97 100

83 91.6 69.8 104.8

85 56.2 45.3 67.9

99 62.9 49.0 73.4

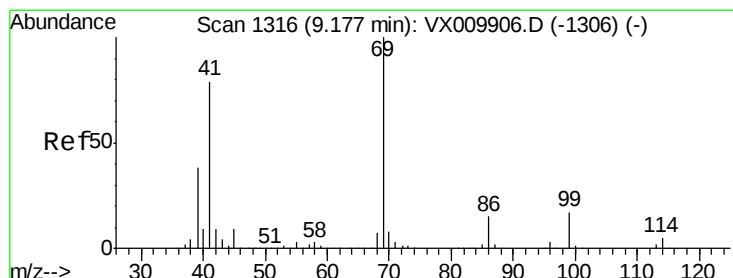
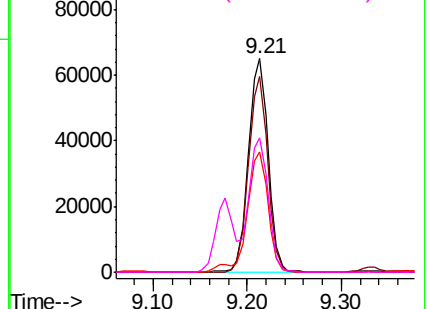
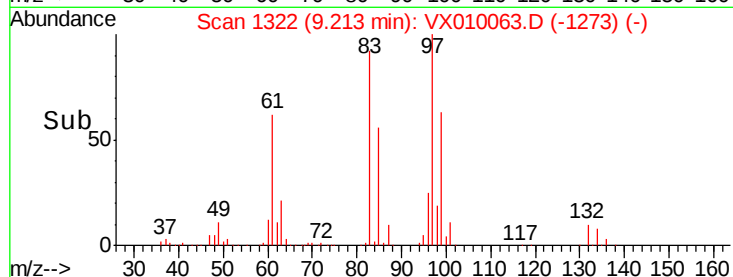


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 48.389 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX010063.D

Acq: 04 Jun 2019 17:51

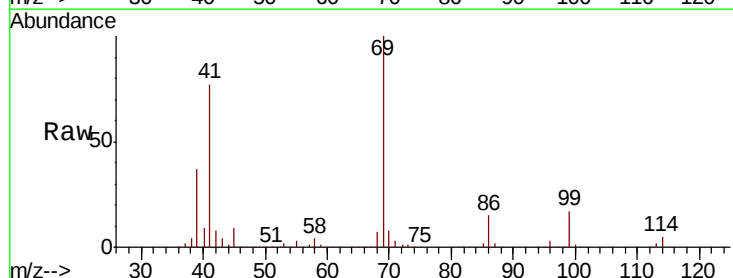
Tgt Ion: 69 Resp: 178657

Ion Ratio Lower Upper

69 100

41 77.0 62.7 94.1

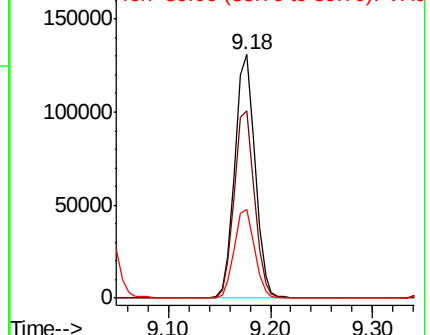
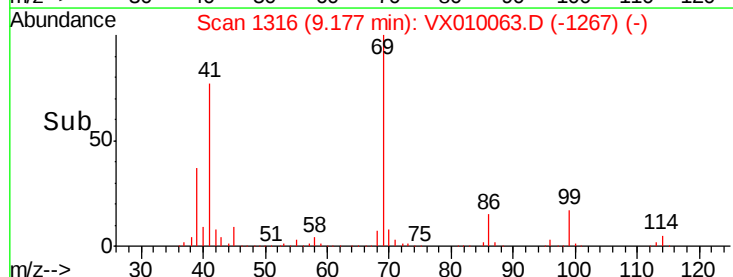
39 36.6 29.5 44.3

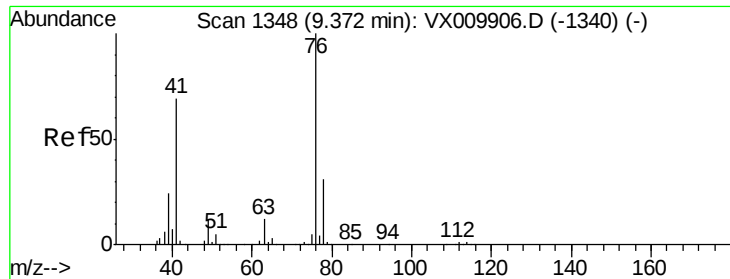


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 44.809 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.01 min

Lab File: VX010063.D

Acq: 04 Jun 2019 17:51

Instrument :

MSVOA_X

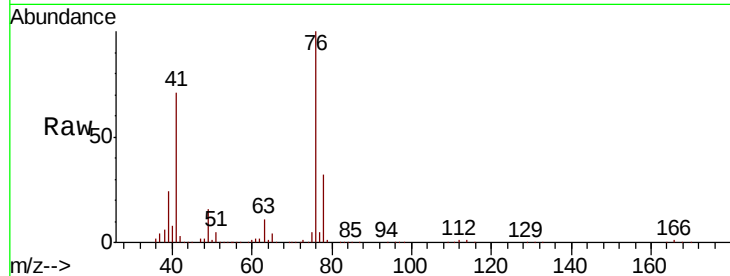
ClientSampled :

Tot Ion: 76 Resp: 166885

Ion Ratio Lower Upper

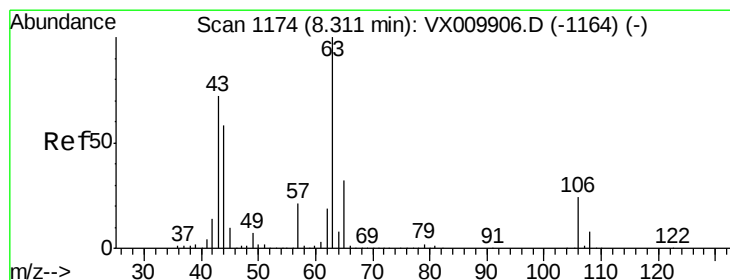
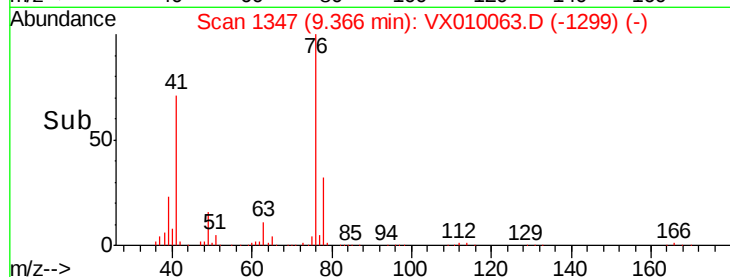
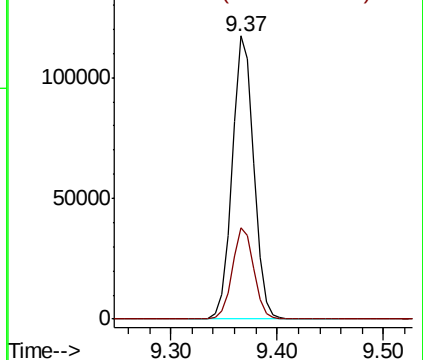
76 100

78 32.1 25.4 38.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 220.228 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX010063.D

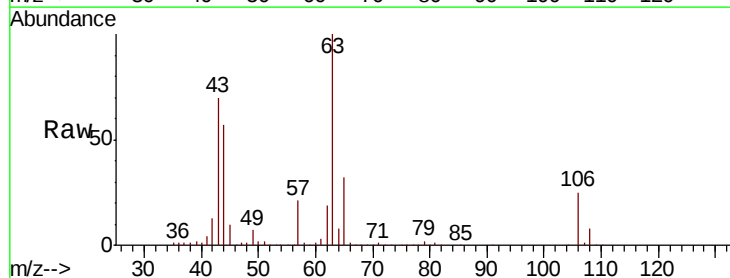
Acq: 04 Jun 2019 17:51

Tgt Ion: 63 Resp: 426367

Ion Ratio Lower Upper

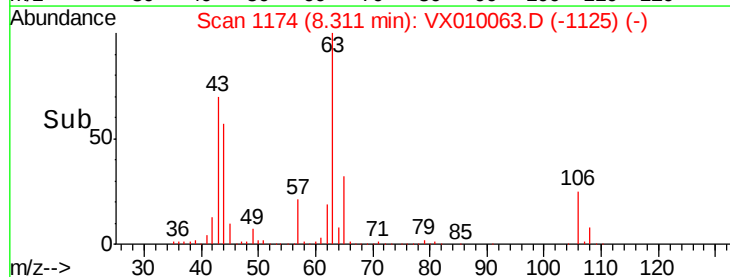
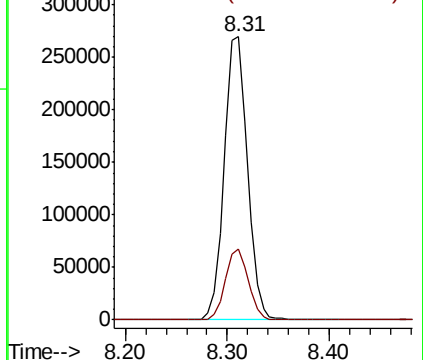
63 100

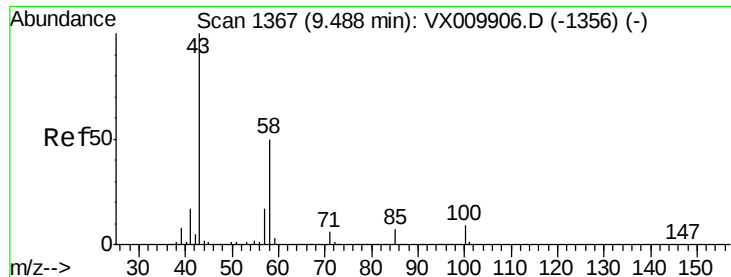
106 24.8 19.4 29.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

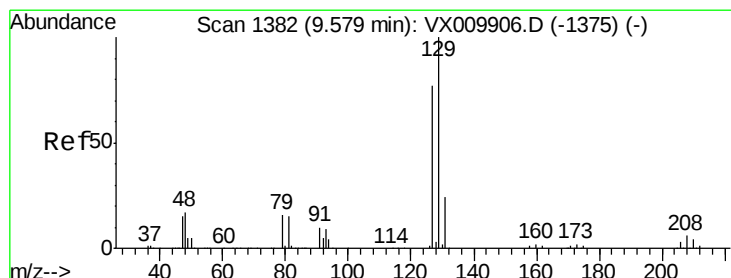
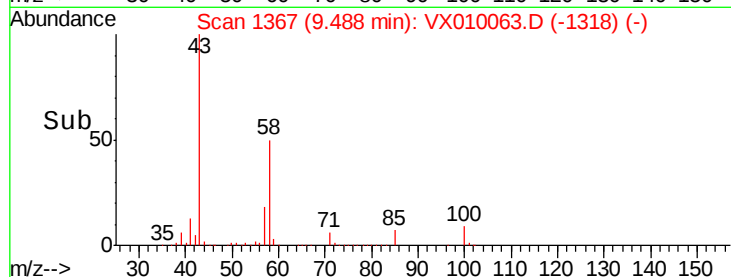
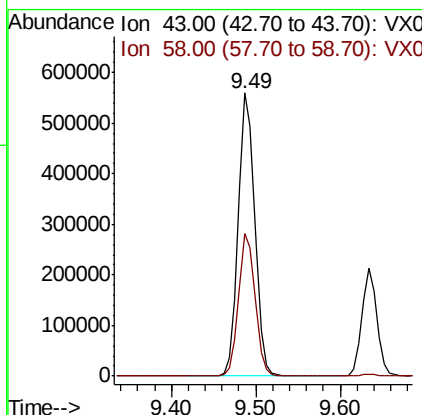
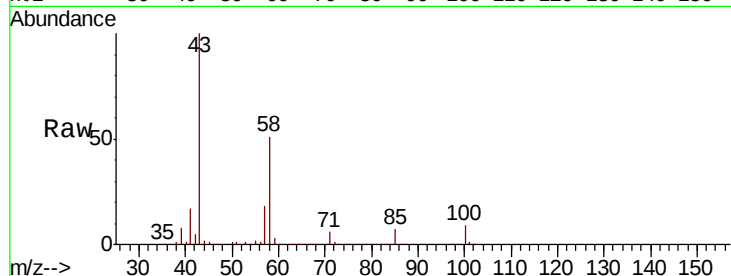




#59
2-Hexanone
Concen: 228.296 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX010063.D
Acq: 04 Jun 2019 17:51

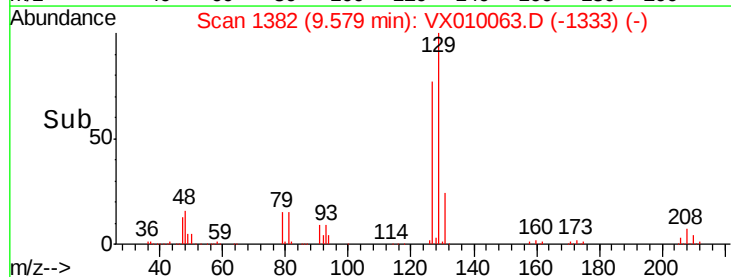
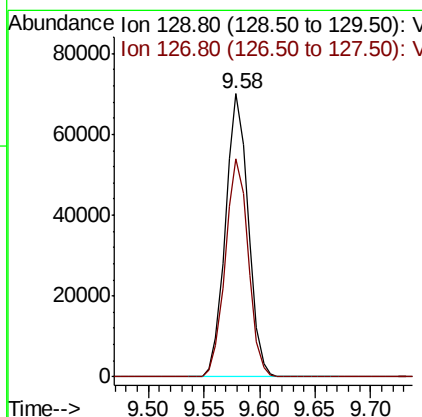
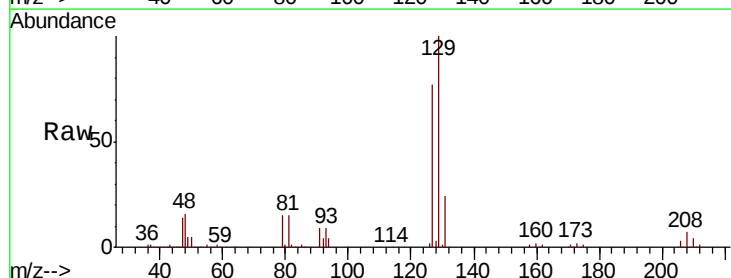
Instrument :
MSVOA_X
ClientSampleId :

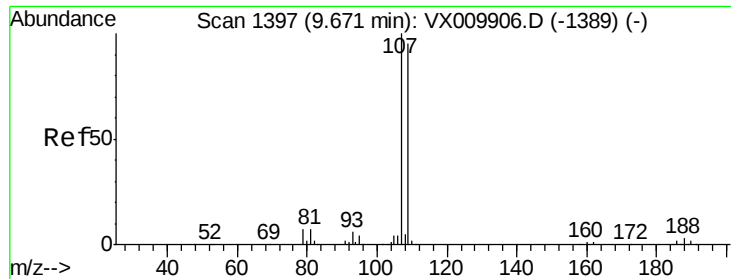
Tot Ion: 43 Resp: 735389
Ion Ratio Lower Upper
43 100
58 50.5 25.1 75.3



#60
Dibromochloromethane
Concen: 48.787 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX010063.D
Acq: 04 Jun 2019 17:51

Tgt Ion:129 Resp: 99526
Ion Ratio Lower Upper
129 100
127 77.5 38.5 115.5





#61

1,2-Dibromoethane

Concen: 45.976 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX010063.D

Acq: 04 Jun 2019 17:51

Instrument :

MSVOA_X

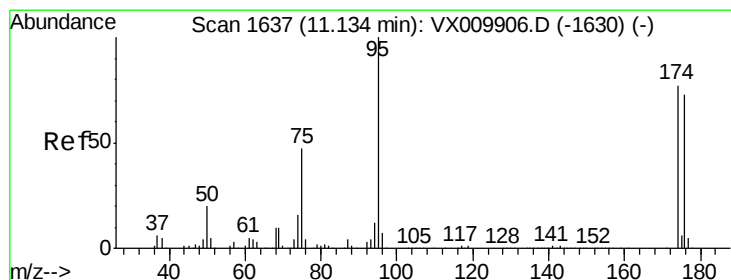
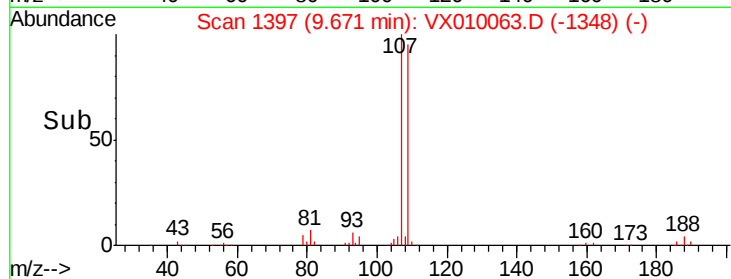
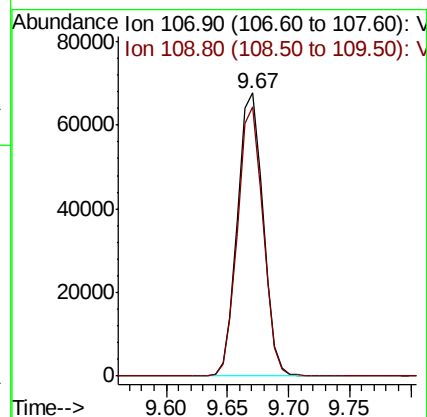
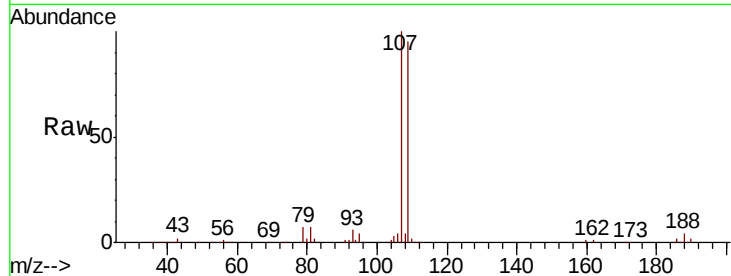
ClientSampleId :

Tot Ion:107 Resp: 97955

Ion Ratio Lower Upper

107 100

109 94.5 75.4 113.2



#62

4-Bromofluorobenzene

Concen: 49.246 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX010063.D

Acq: 04 Jun 2019 17:51

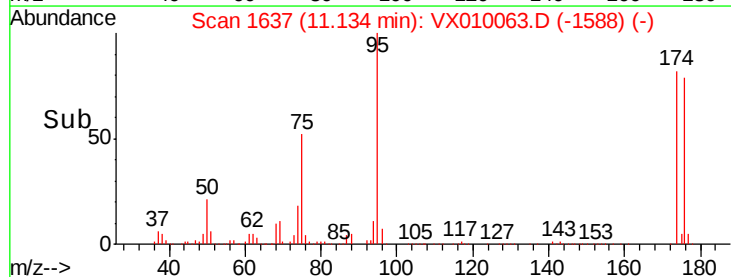
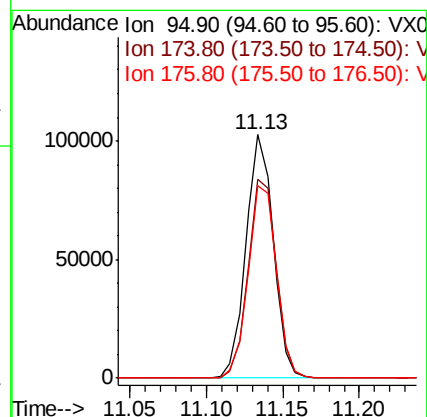
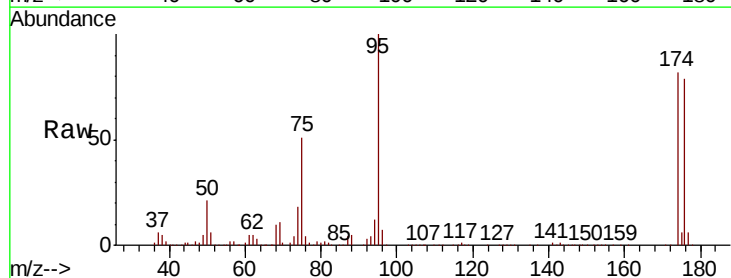
Tgt Ion: 95 Resp: 127326

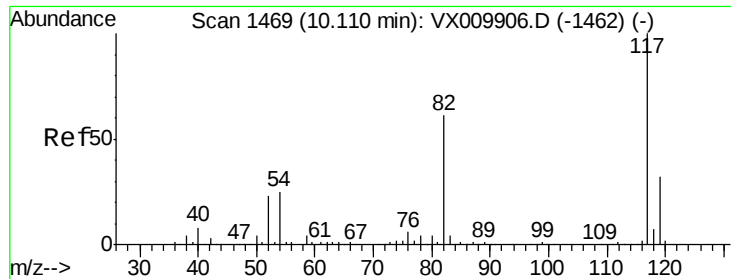
Ion Ratio Lower Upper

95 100

174 84.2 0.0 160.4

176 81.8 0.0 154.6

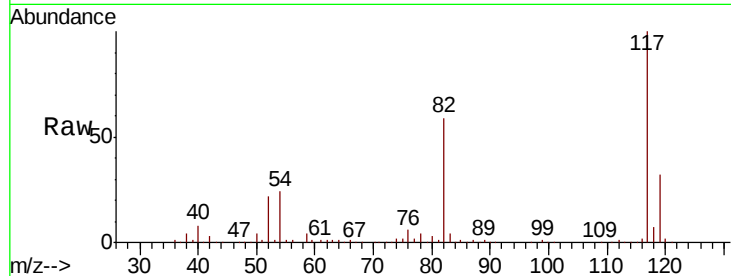




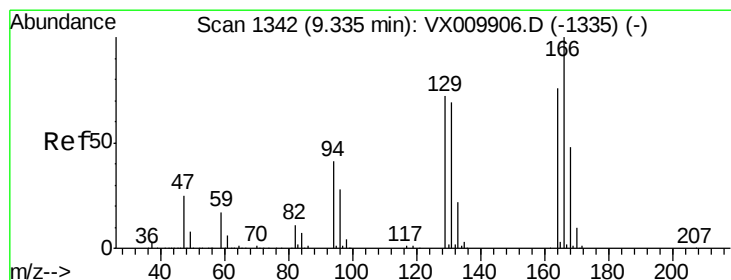
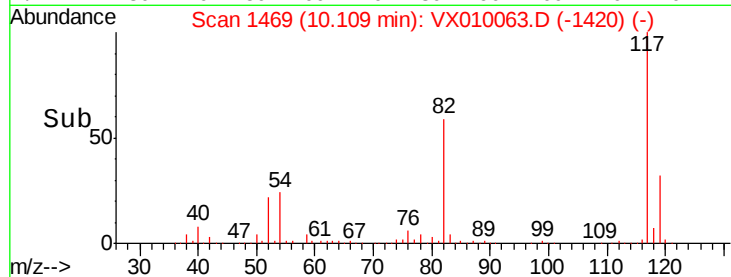
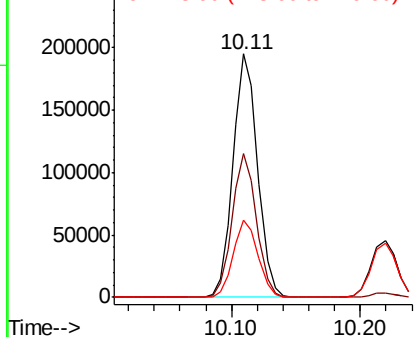
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010063.D
Acq: 04 Jun 2019 17:51

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 259583
Ion Ratio Lower Upper
117 100
82 58.8 49.2 73.8
119 32.0 25.2 37.8

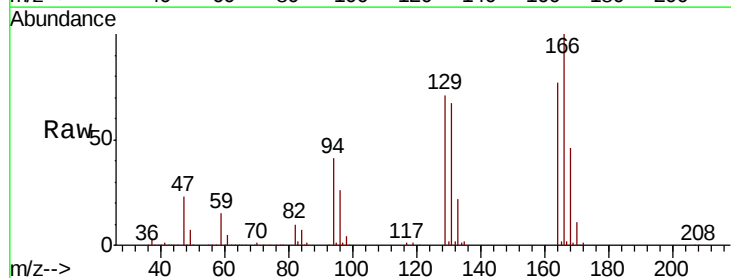


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

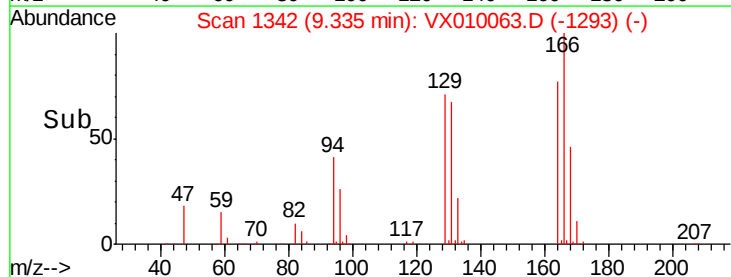
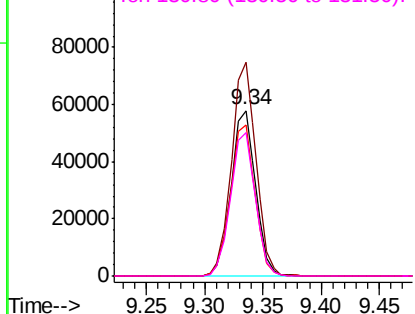


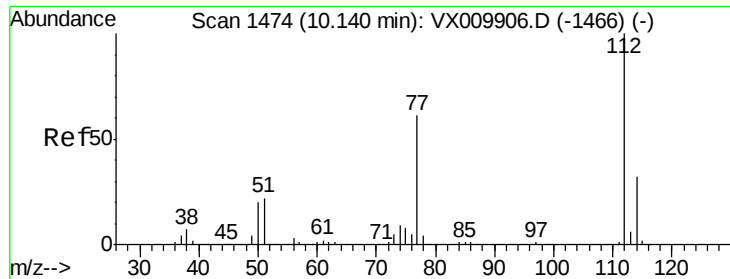
#64
Tetrachloroethene
Concen: 47.020 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX010063.D
Acq: 04 Jun 2019 17:51

Tgt Ion:164 Resp: 85255
Ion Ratio Lower Upper
164 100
166 129.2 105.0 157.4
129 91.1 75.1 112.7
131 87.0 72.2 108.4



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

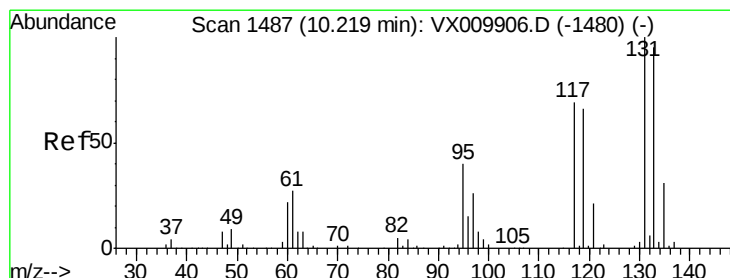
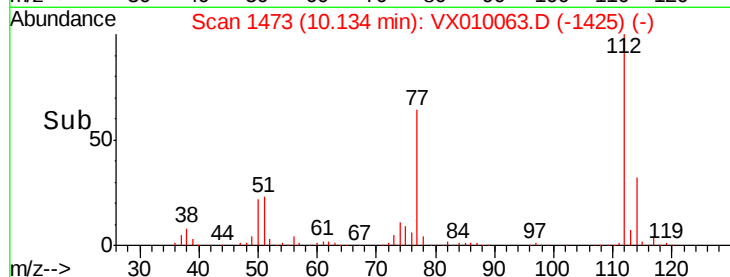
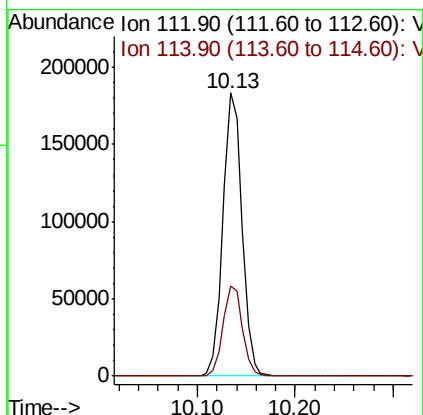
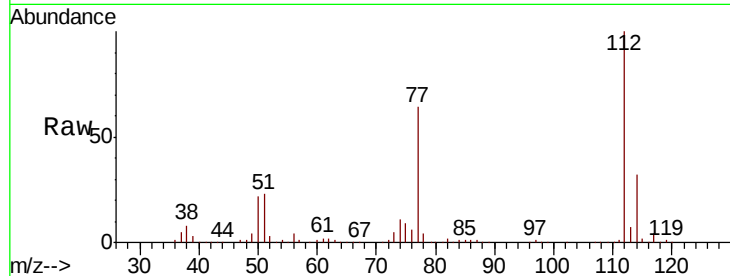




#65
Chlorobenzene
Concen: 45.781 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VX010063.D
Acq: 04 Jun 2019 17:51

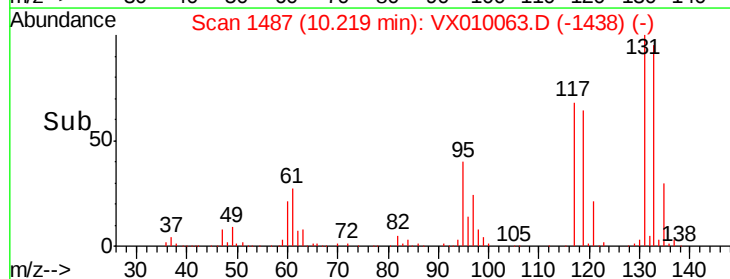
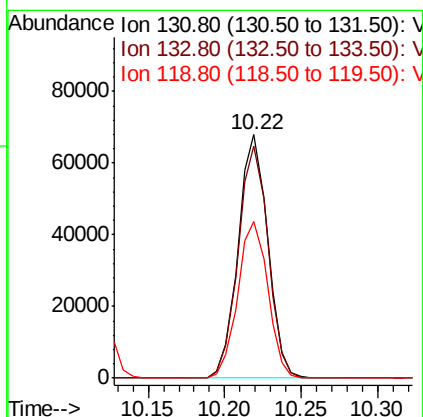
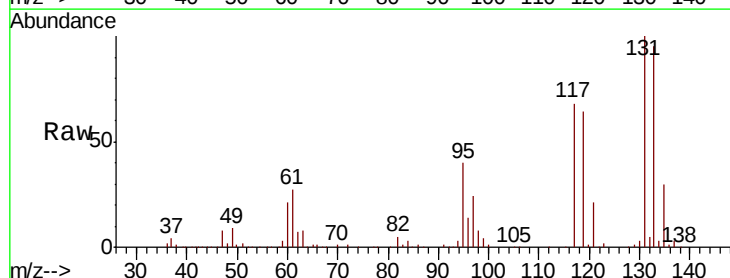
Instrument :
MSVOA_X
ClientSampled :

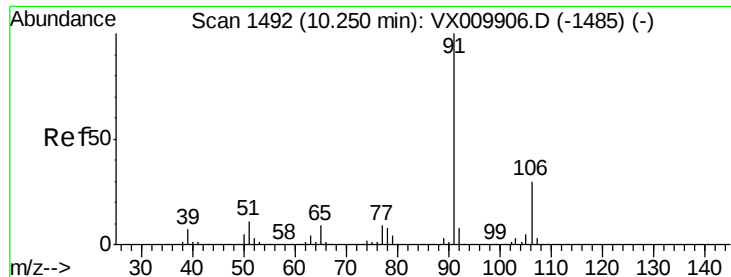
Tot Ion:112 Resp: 248792
Ion Ratio Lower Upper
112 100
114 31.6 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 48.445 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX010063.D
Acq: 04 Jun 2019 17:51

Tgt Ion:131 Resp: 91313
Ion Ratio Lower Upper
131 100
133 96.2 47.5 142.6
119 65.5 33.4 100.1

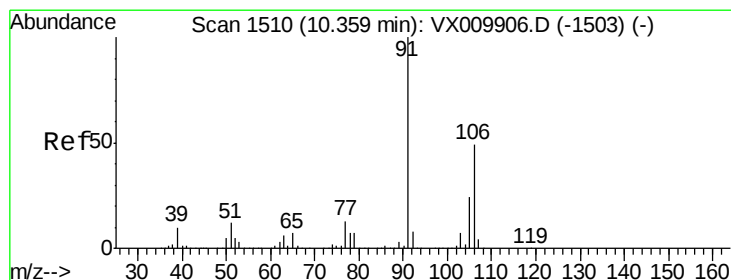
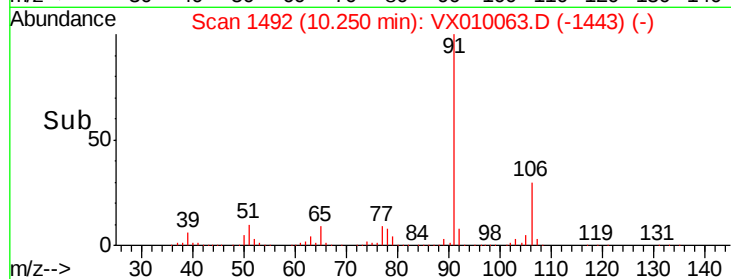
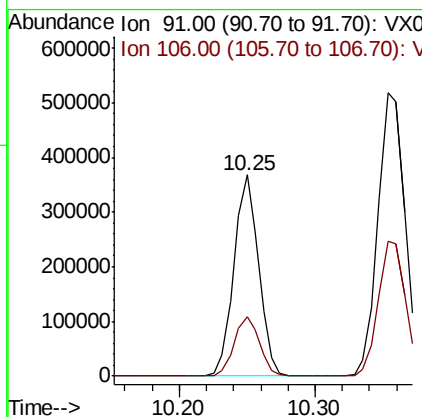
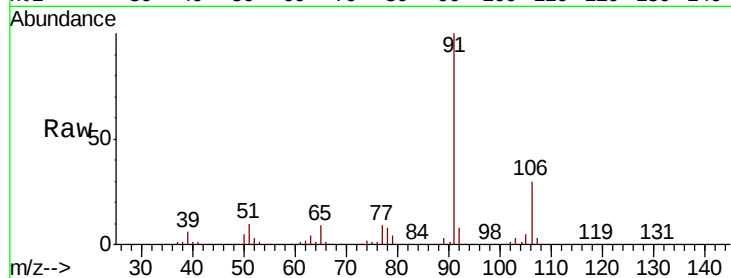




#67
Ethyl Benzene
Concen: 47.584 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX010063.D
Acq: 04 Jun 2019 17:51

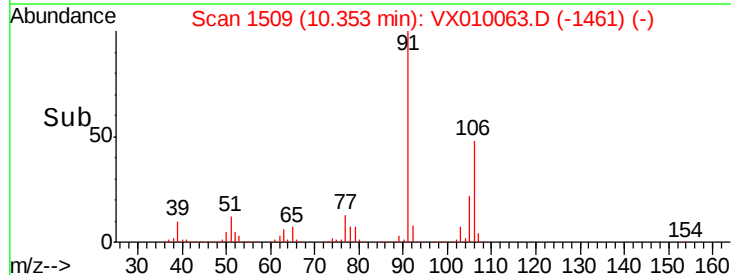
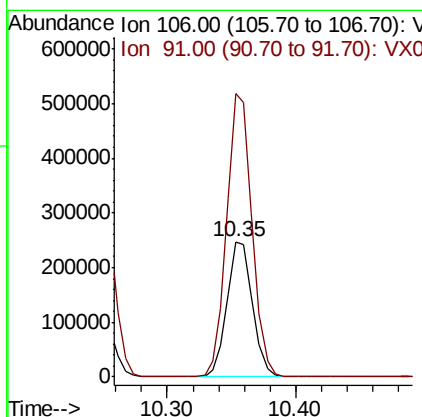
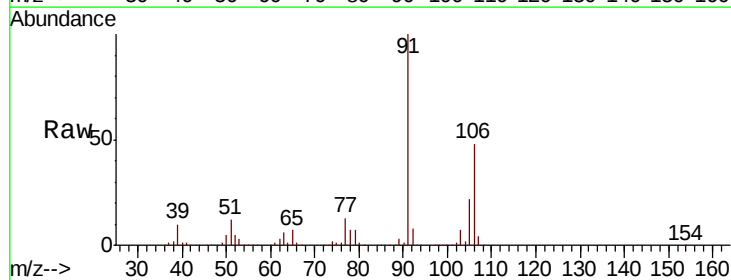
Instrument :
MSVOA_X
ClientSampled :

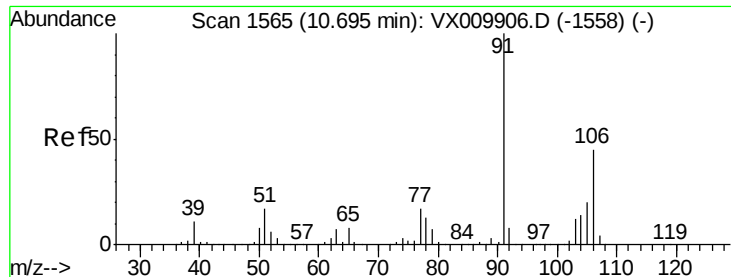
Tot Ion: 91 Resp: 464302
Ion Ratio Lower Upper
91 100
106 29.8 23.9 35.9



#68
m/p-Xylenes
Concen: 95.404 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX010063.D
Acq: 04 Jun 2019 17:51

Tgt Ion: 106 Resp: 343909
Ion Ratio Lower Upper
106 100
91 208.0 167.3 250.9

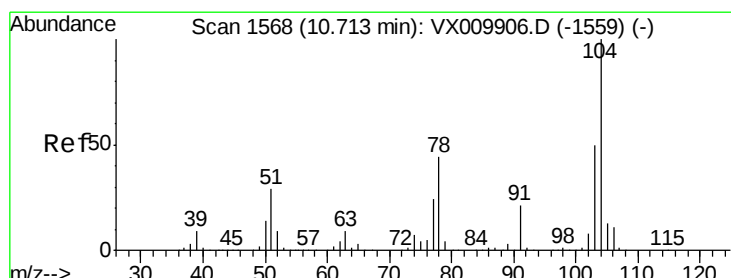
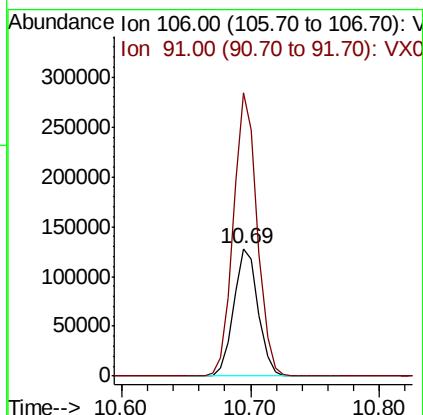
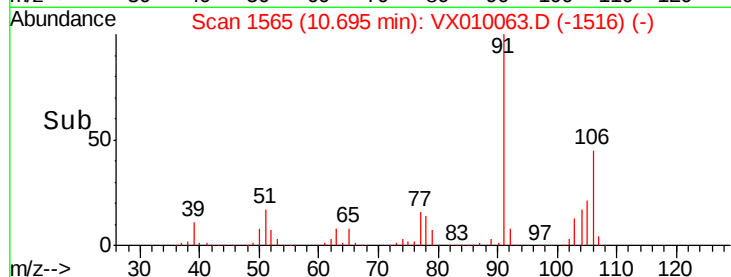
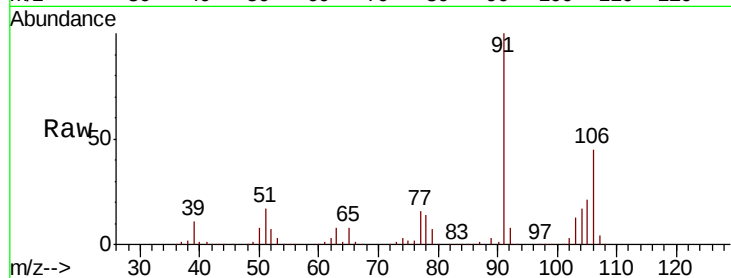




#69
o-Xylene
Concen: 48.523 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX010063.D
Acq: 04 Jun 2019 17:51

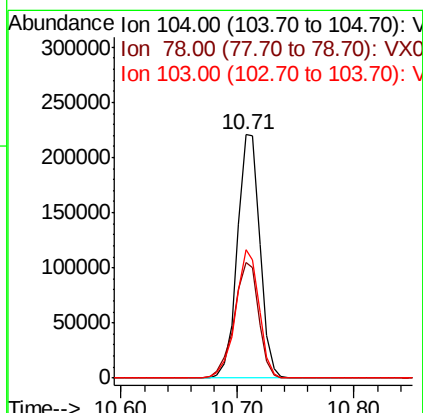
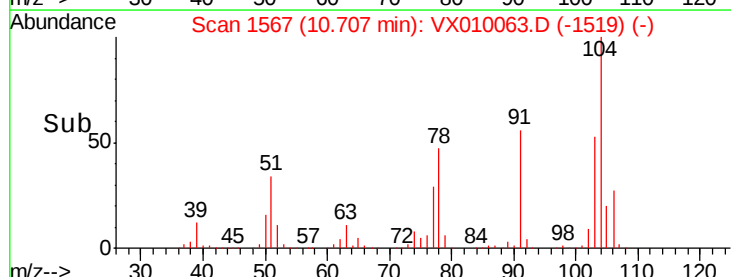
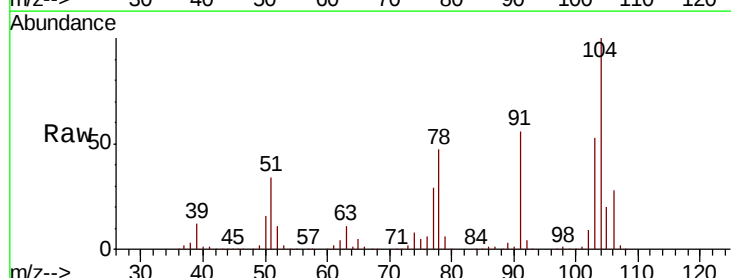
Instrument :
MSVOA_X
ClientSampleId :

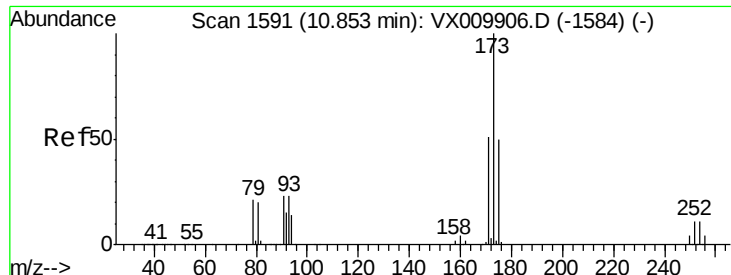
Tot Ion:106 Resp: 167752
Ion Ratio Lower Upper
106 100
91 218.0 110.4 331.2



#70
Styrene
Concen: 49.189 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX010063.D
Acq: 04 Jun 2019 17:51

Tgt Ion:104 Resp: 298188
Ion Ratio Lower Upper
104 100
78 51.5 42.1 63.1
103 55.0 44.1 66.1

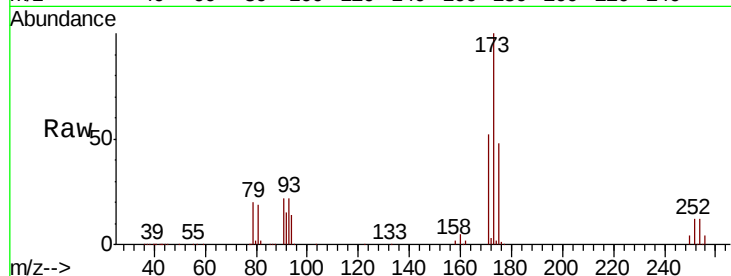




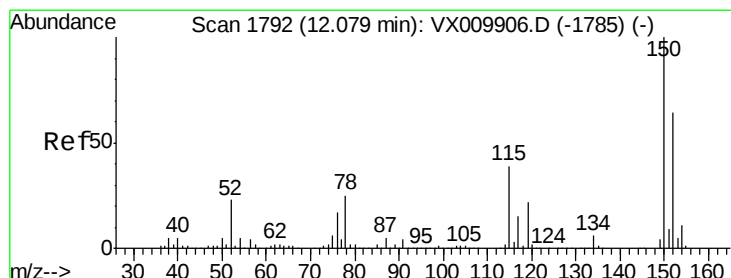
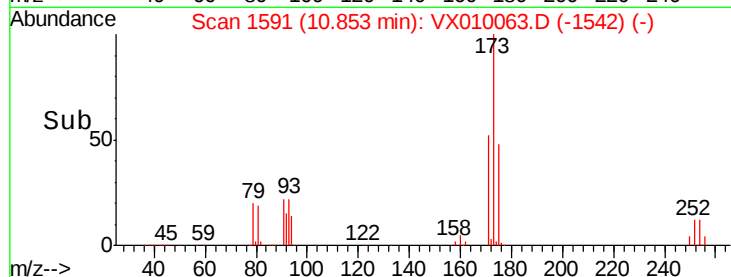
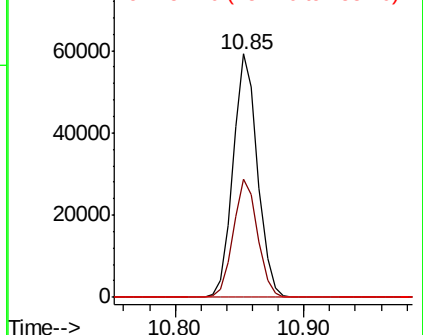
#71
 Bromoform
 Concen: 50.762 ug/l
 RT: 10.85 min Scan# 1591
 Delta R.T. -0.00 min
 Lab File: VX010063.D
 Acq: 04 Jun 2019 17:51

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:173 Resp: 78210
 Ion Ratio Lower Upper
 173 100
 175 48.5 25.0 75.0
 254 0.3 0.2 0.2#

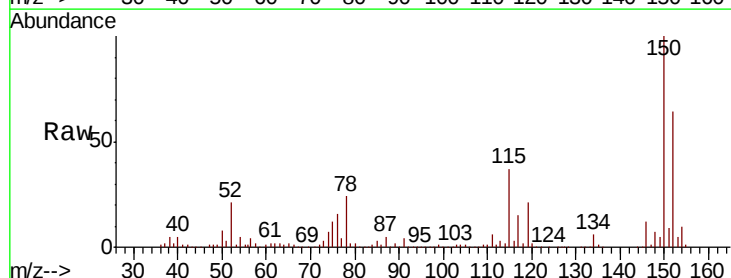


Abundance Ion 172.70 (172.40 to 173.40): V
 Ion 174.70 (174.40 to 175.40): V
 Ion 254.40 (254.10 to 255.10): V

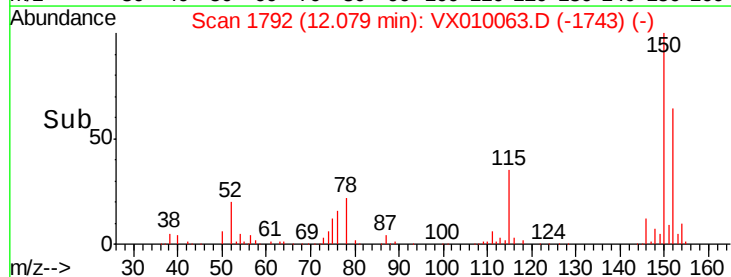
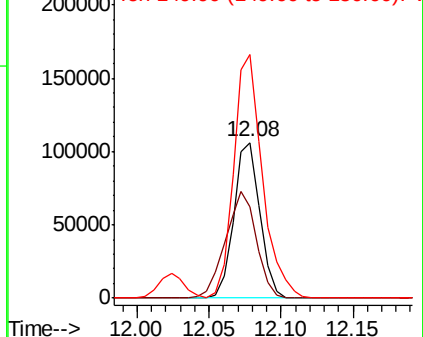


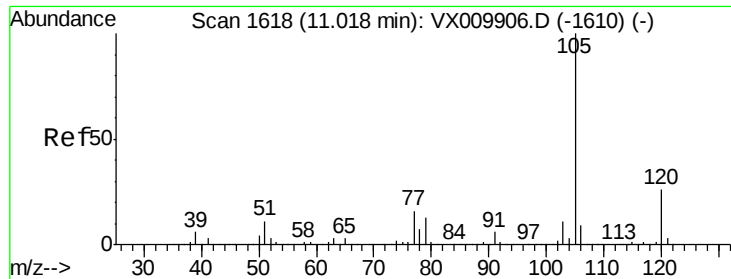
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX010063.D
 Acq: 04 Jun 2019 17:51

Tgt Ion:152 Resp: 133898
 Ion Ratio Lower Upper
 152 100
 115 81.4 41.4 124.2
 150 172.4 0.0 345.2



Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 46.051 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX010063.D

Acq: 04 Jun 2019 17:51

Instrument :

MSVOA_X

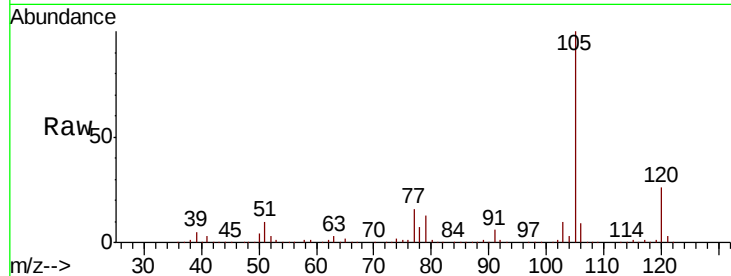
ClientSampleId :

Tot Ion:105 Resp: 454953

Ion Ratio Lower Upper

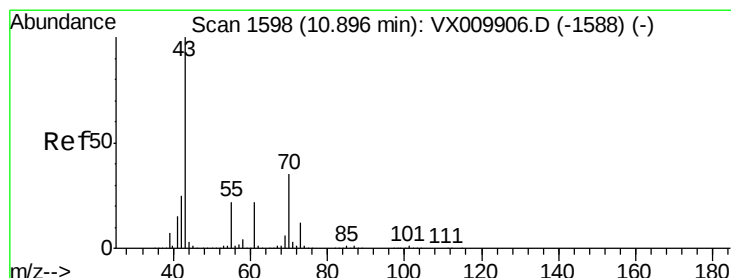
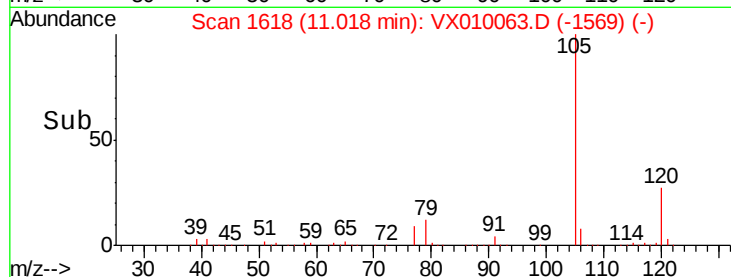
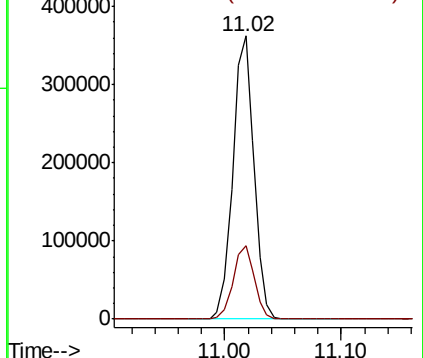
105 100

120 26.1 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 44.375 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX010063.D

Acq: 04 Jun 2019 17:51

Tgt Ion: 43 Resp: 261961

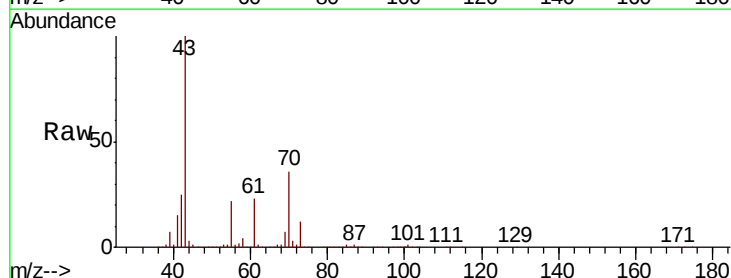
Ion Ratio Lower Upper

43 100

70 36.5 28.6 43.0

55 21.8 17.8 26.8

61 22.4 17.7 26.5

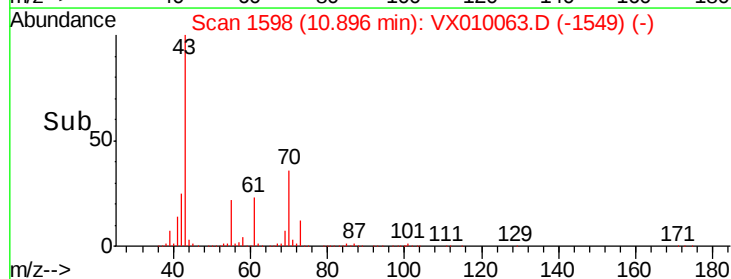
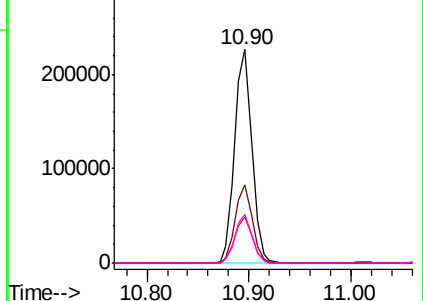


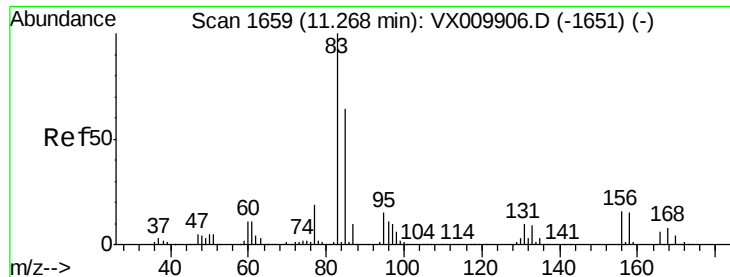
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 42.718 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX010063.D

Acq: 04 Jun 2019 17:51

Instrument :

MSVOA_X

ClientSampleId :

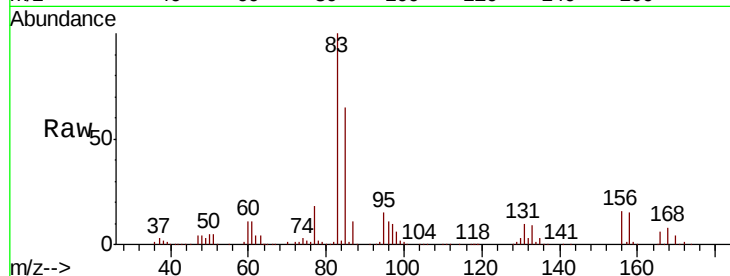
Tot Ion: 83 Resp: 157444

Ion Ratio Lower Upper

83 100

131 9.5 4.7 14.1

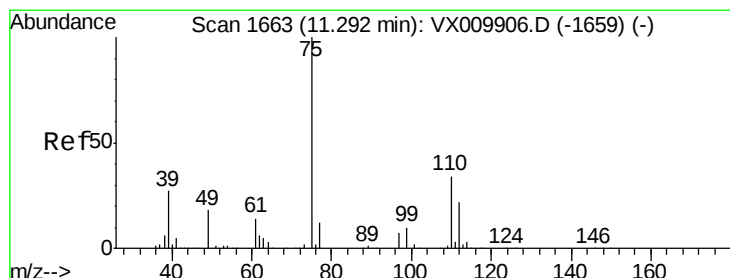
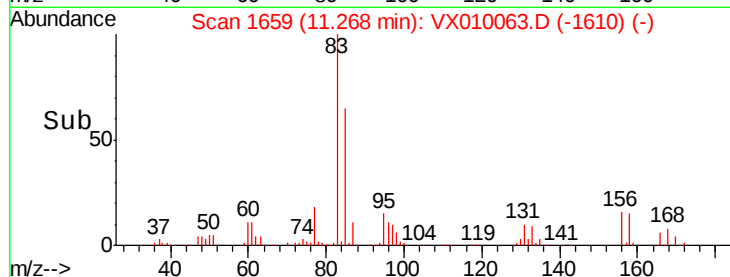
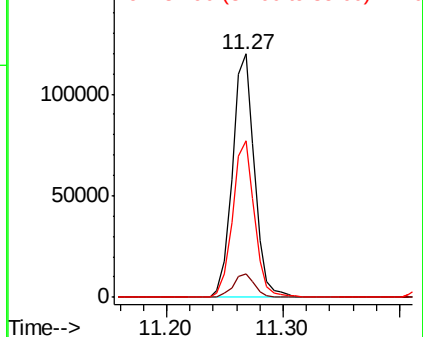
85 64.0 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 59.030 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX010063.D

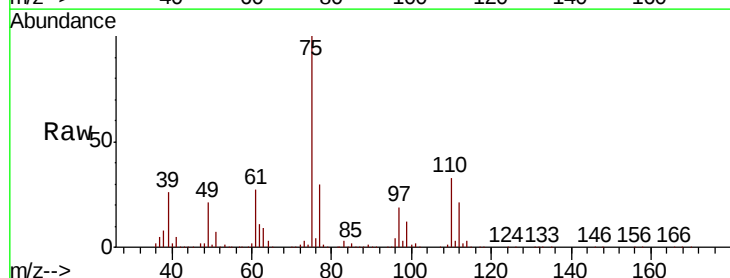
Acq: 04 Jun 2019 17:51

Tgt Ion: 75 Resp: 189008

Ion Ratio Lower Upper

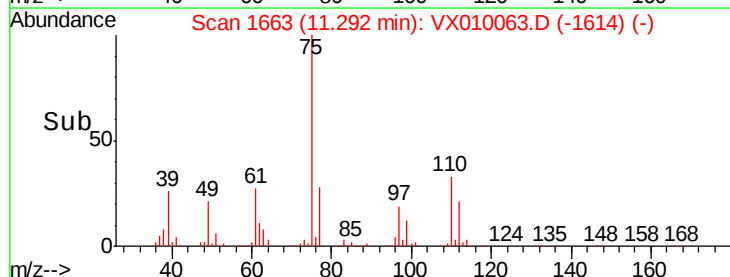
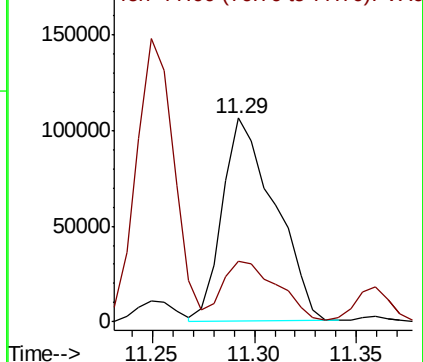
75 100

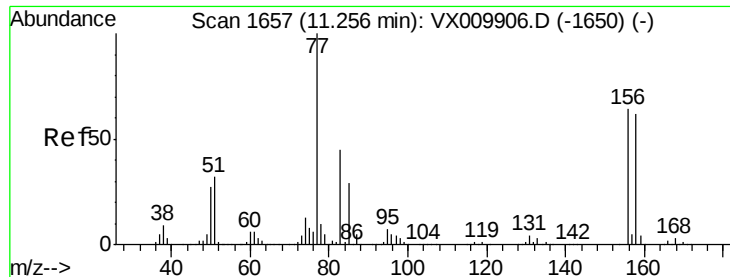
77 31.7 22.1 66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 45.183 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX010063.D

Acq: 04 Jun 2019 17:51

Instrument :

MSVOA_X

ClientSampleId :

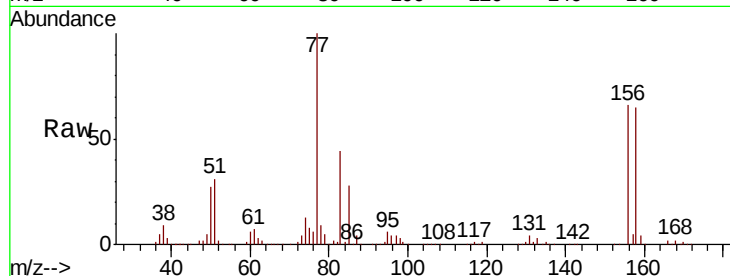
Tot Ion:156 Resp: 113756

Ion Ratio Lower Upper

156 100

77 166.7 86.8 260.3

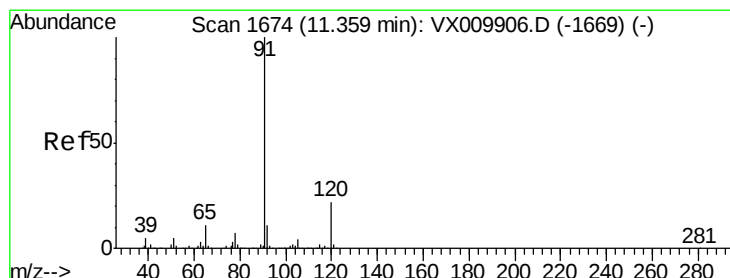
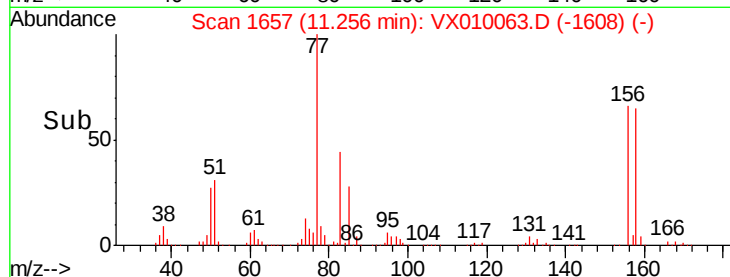
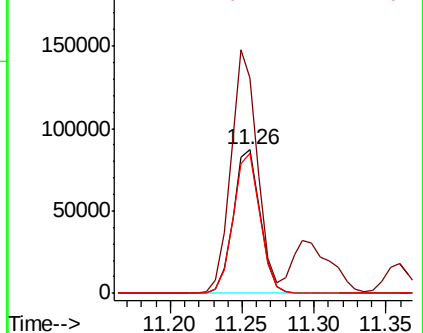
158 97.3 49.6 148.8



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: 47.316 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010063.D

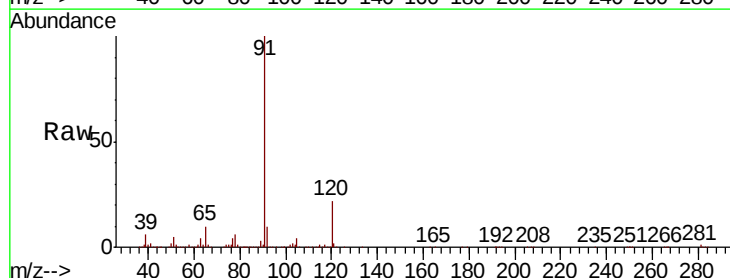
Acq: 04 Jun 2019 17:51

Tgt Ion: 91 Resp: 538808

Ion Ratio Lower Upper

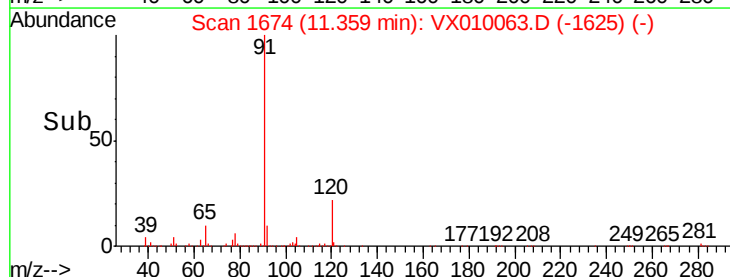
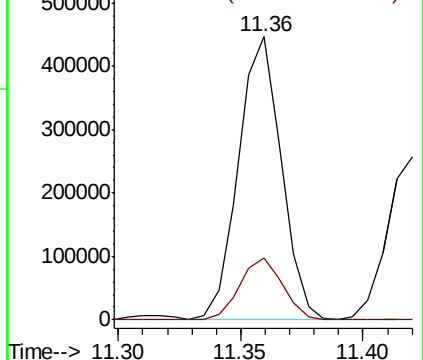
91 100

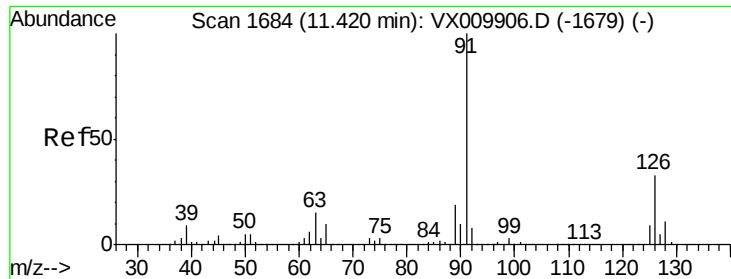
120 22.1 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 44.931 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX010063.D

Acq: 04 Jun 2019 17:51

Instrument :

MSVOA_X

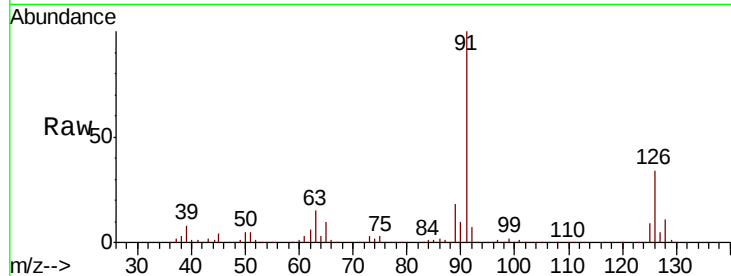
ClientSampleId :

Tot Ion: 91 Resp: 312606

Ion Ratio Lower Upper

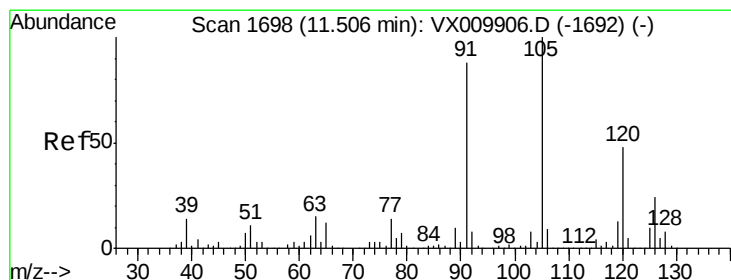
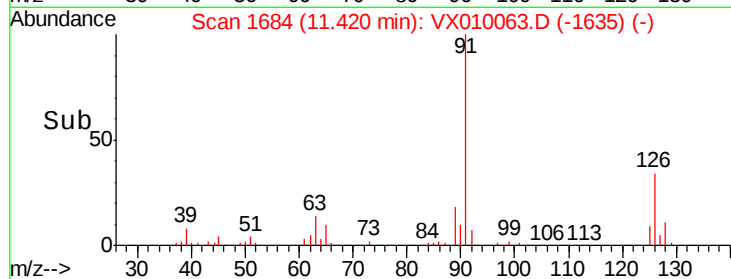
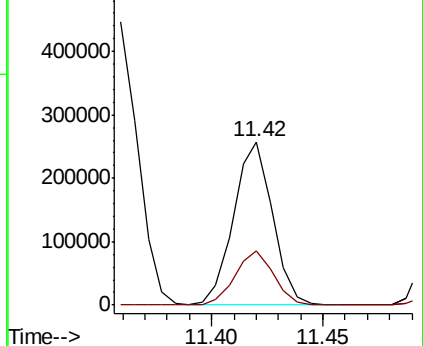
91 100

126 33.0 16.1 48.3



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: 46.836 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010063.D

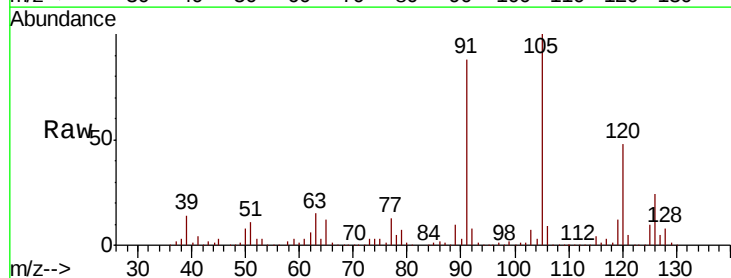
Acq: 04 Jun 2019 17:51

Tgt Ion:105 Resp: 389813

Ion Ratio Lower Upper

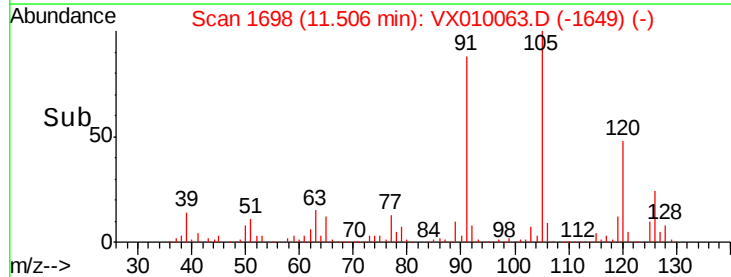
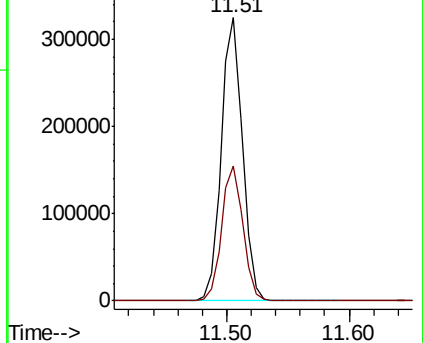
105 100

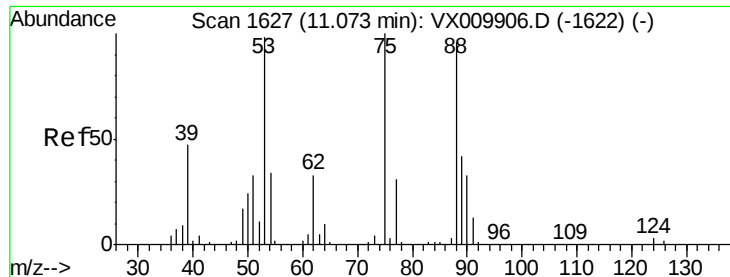
120 48.0 24.1 72.3



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: 44.188 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX010063.D

Acq: 04 Jun 2019 17:51

Instrument :

MSVOA_X

ClientSampleId :

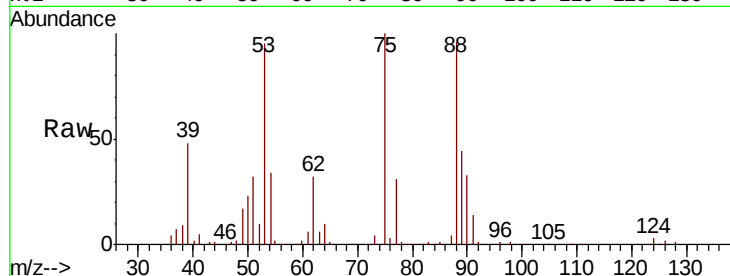
Tot Ion: 75 Resp: 57185

Ion Ratio Lower Upper

75 100

53 99.6 79.8 119.6

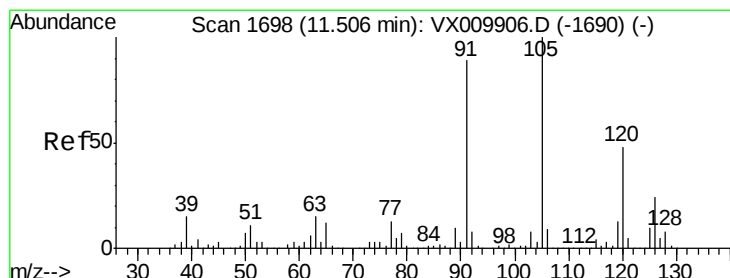
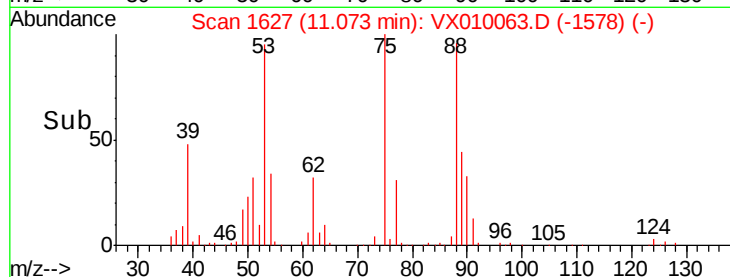
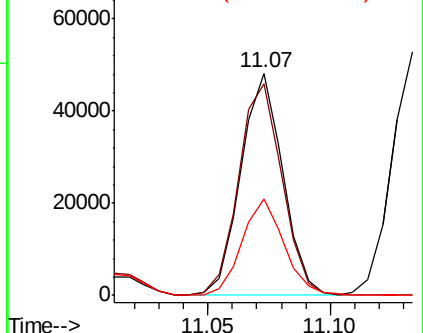
89 43.7 34.2 51.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 45.385 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010063.D

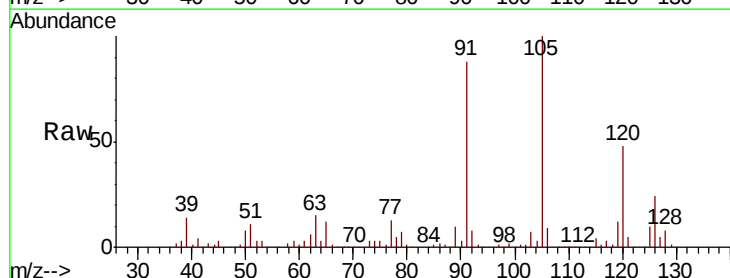
Acq: 04 Jun 2019 17:51

Tgt Ion: 91 Resp: 367586

Ion Ratio Lower Upper

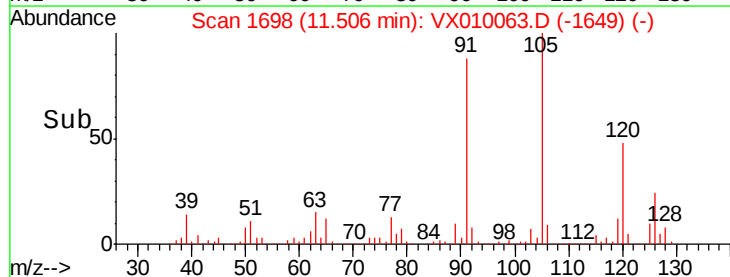
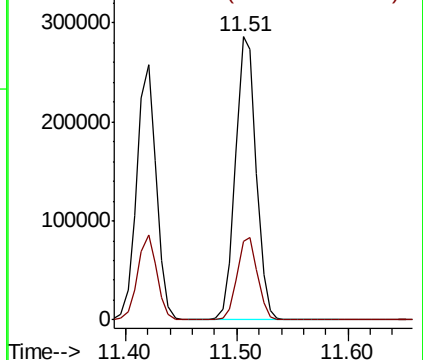
91 100

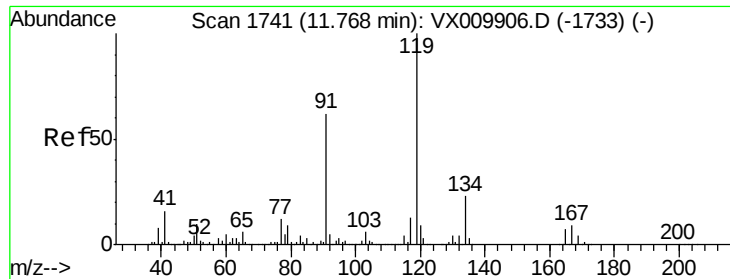
126 28.8 14.2 42.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

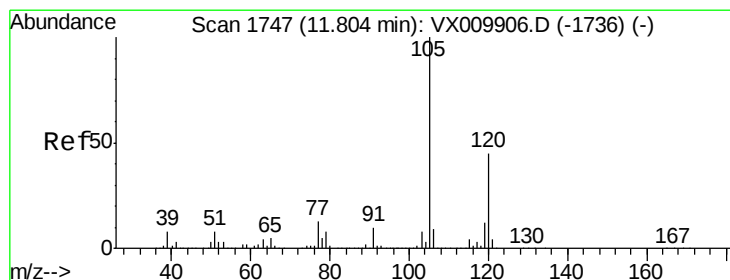
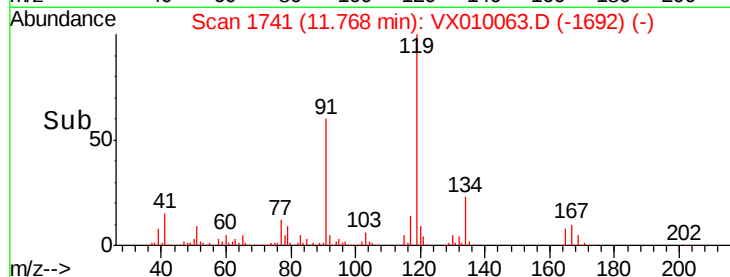
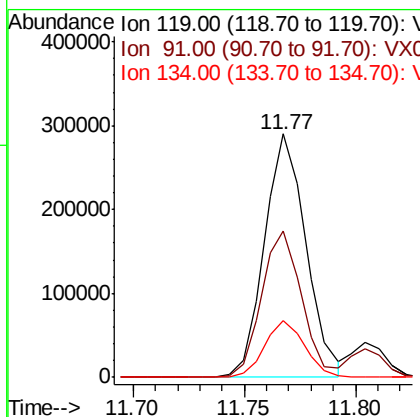
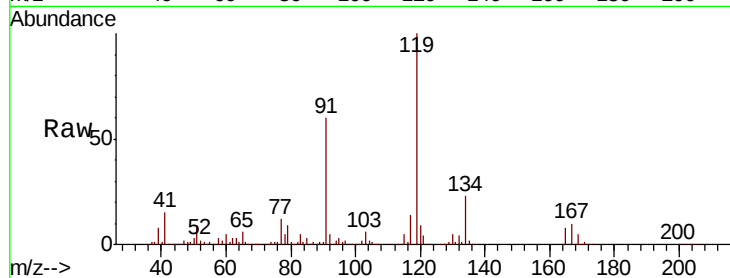




#83
tert-Butylbenzene
Concen: 47.251 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX010063.D
Acq: 04 Jun 2019 17:51

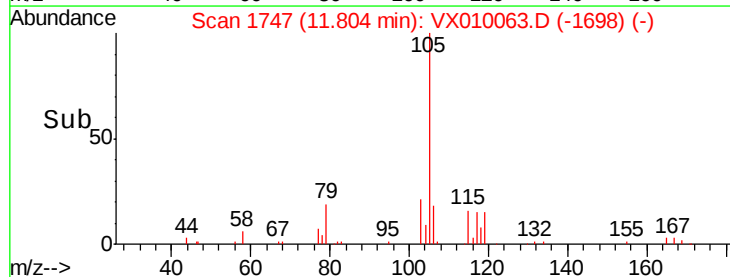
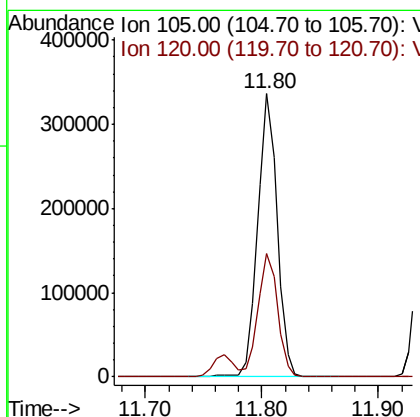
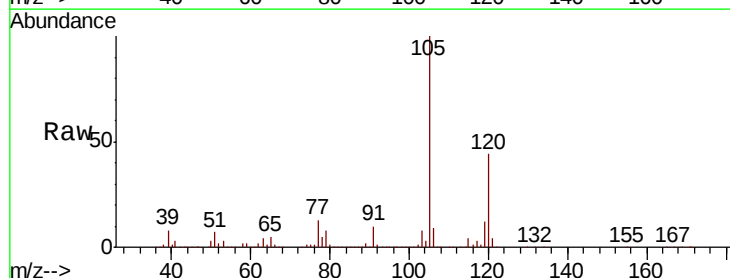
Instrument :
MSVOA_X
ClientSampleId :

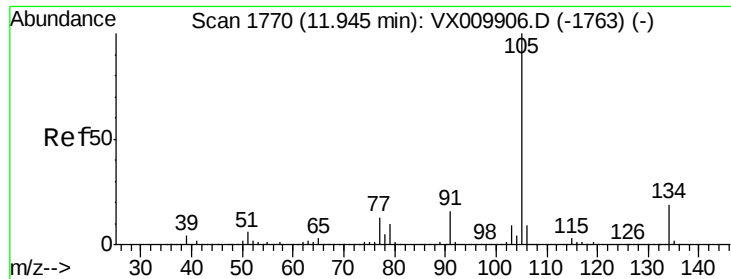
Tot Ion:119 Resp: 376238
Ion Ratio Lower Upper
119 100
91 58.3 30.0 90.0
134 22.3 11.2 33.5



#84
1,2,4-Trimethylbenzene
Concen: 46.728 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX010063.D
Acq: 04 Jun 2019 17:51

Tgt Ion:105 Resp: 394962
Ion Ratio Lower Upper
105 100
120 44.1 22.1 66.1





#85

sec-Butylbenzene

Concen: 47.752 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX010063.D

Acq: 04 Jun 2019 17:51

Instrument :

MSVOA_X

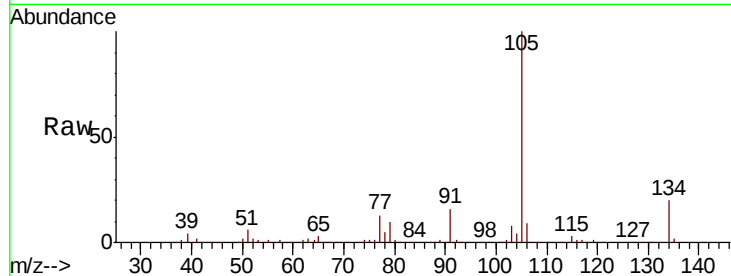
ClientSampleId :

Tot Ion:105 Resp: 452350

Ion Ratio Lower Upper

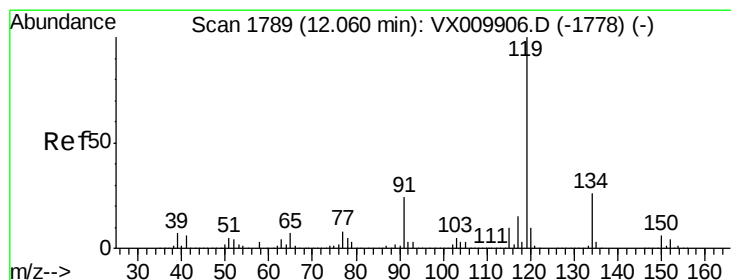
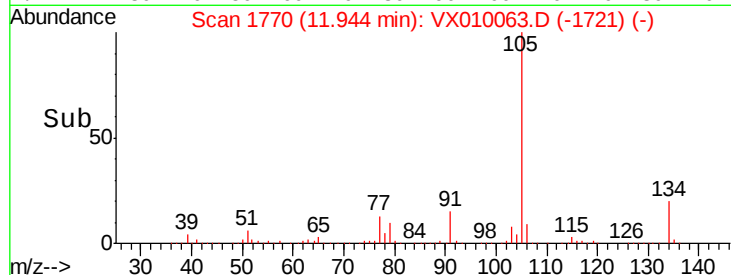
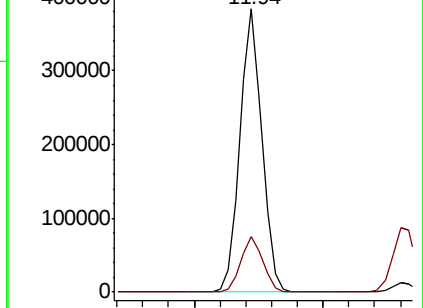
105 100

134 19.7 9.7 28.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.103 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX010063.D

Acq: 04 Jun 2019 17:51

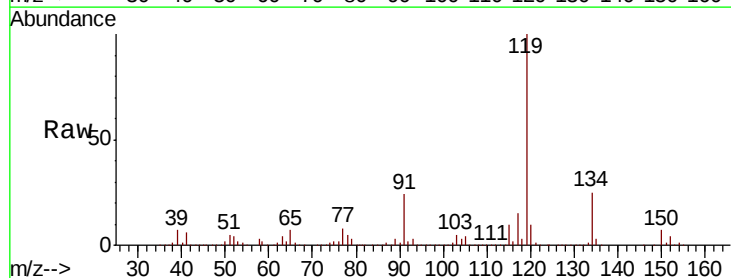
Tgt Ion:119 Resp: 418383

Ion Ratio Lower Upper

119 100

134 25.8 12.9 38.6

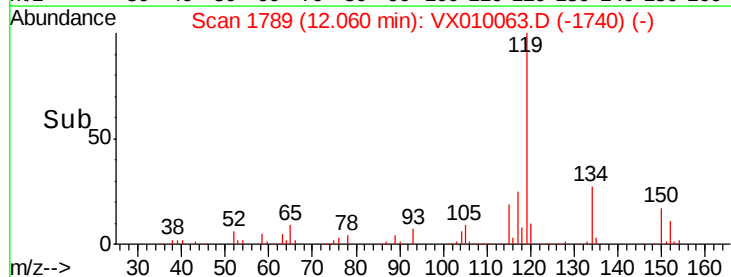
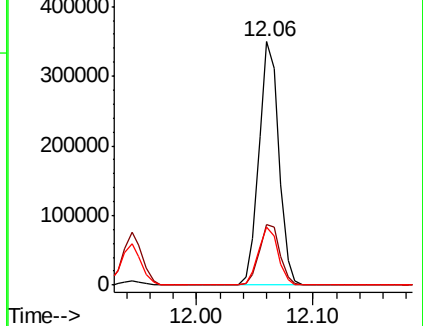
91 23.8 11.9 35.9

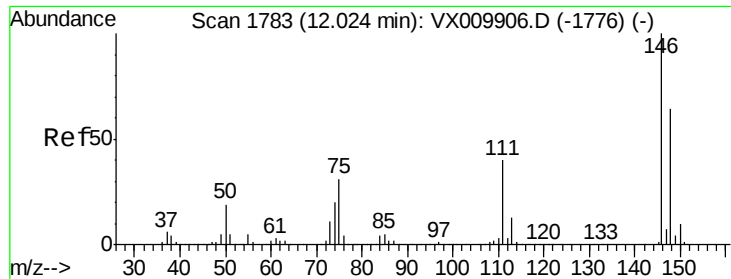


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

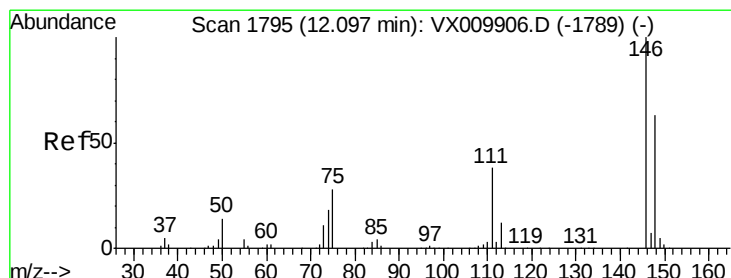
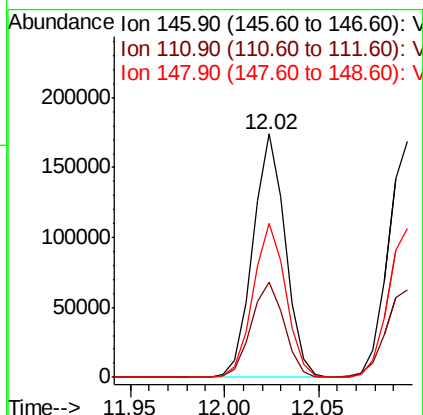
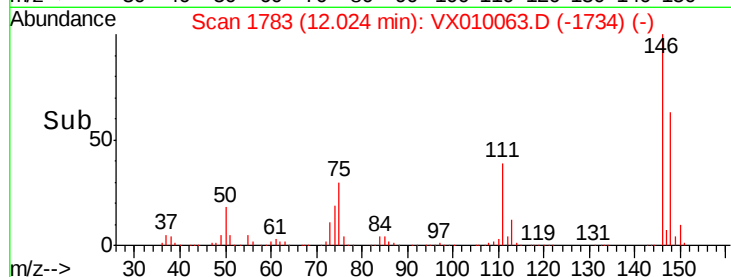
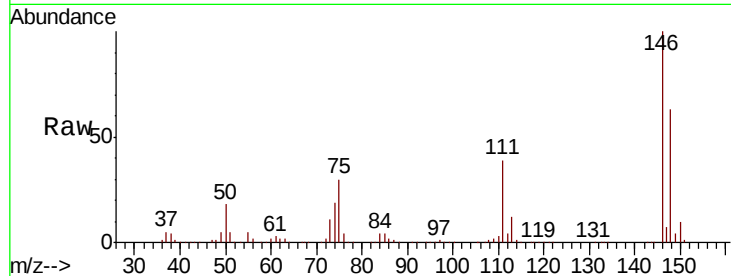




#87
 1,3-Dichlorobenzene
 Concen: 46.184 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX010063.D
 Acq: 04 Jun 2019 17:51

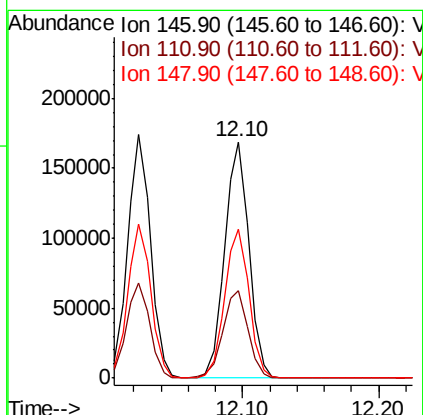
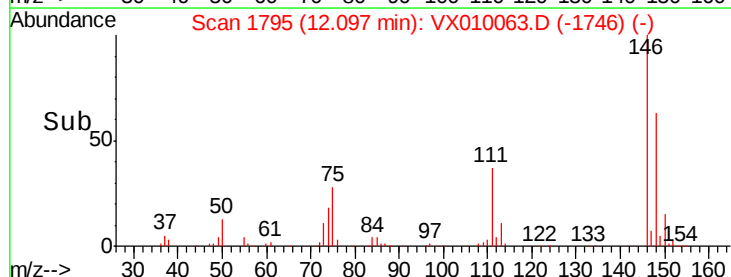
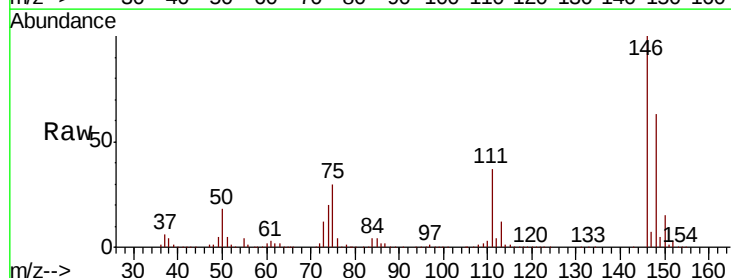
Instrument :
 MSVOA_X
 ClientSampled :

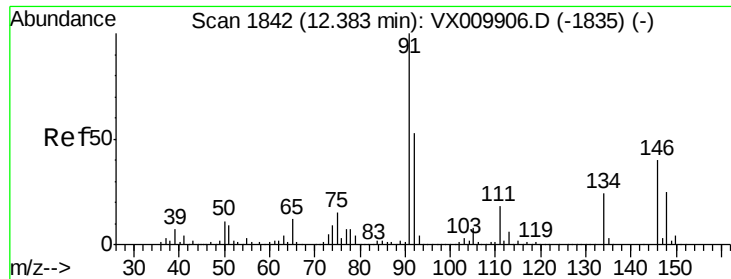
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.1	60.2
148	63.7	31.9	95.5



#88
 1,4-Dichlorobenzene
 Concen: 45.277 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX010063.D
 Acq: 04 Jun 2019 17:51

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.4	20.0	59.9
148	63.5	32.3	96.9

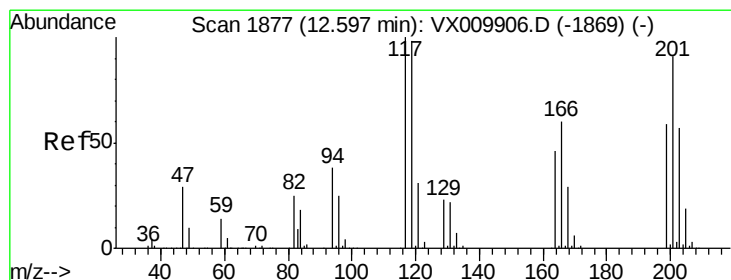
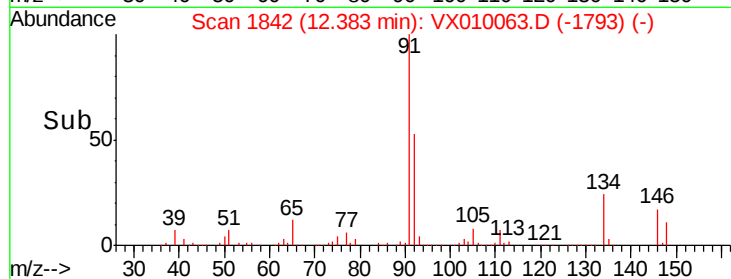
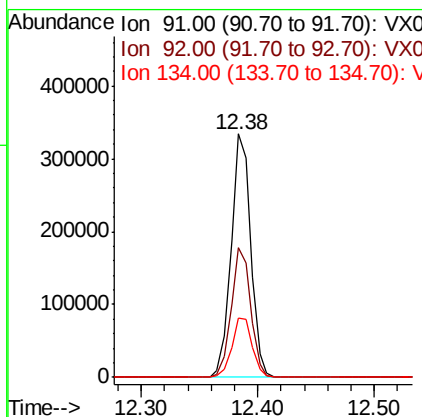
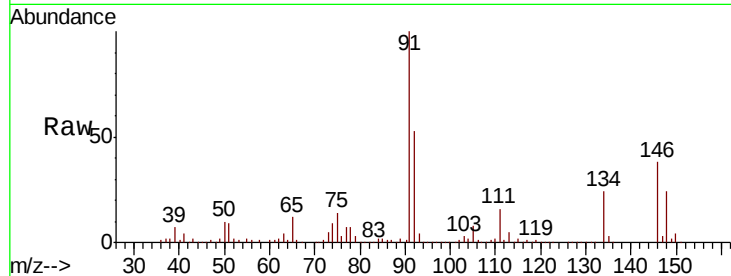




#89
n-Butylbenzene
Concen: 48.803 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX010063.D
Acq: 04 Jun 2019 17:51

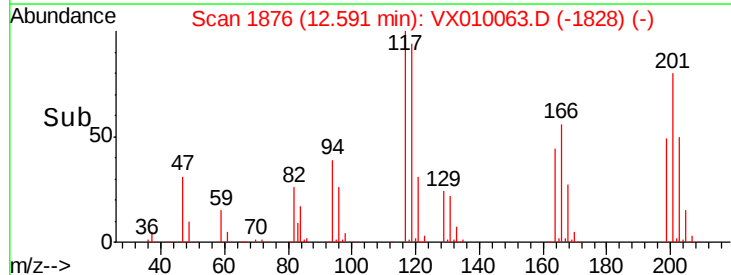
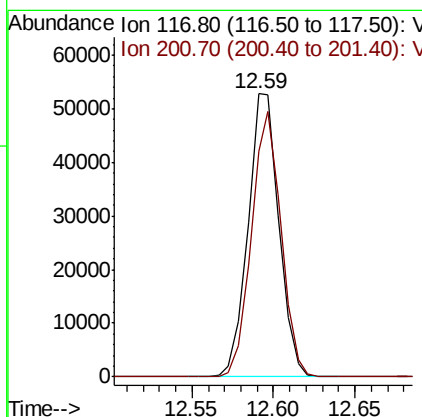
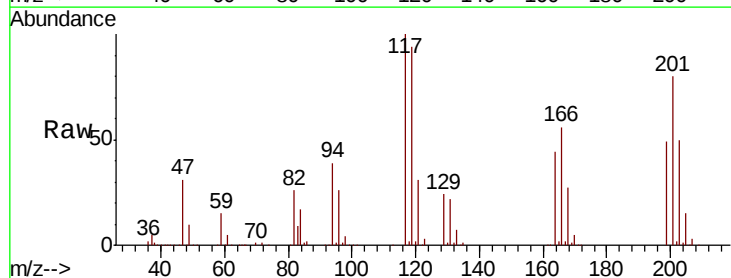
Instrument :
MSVOA_X
ClientSampled :

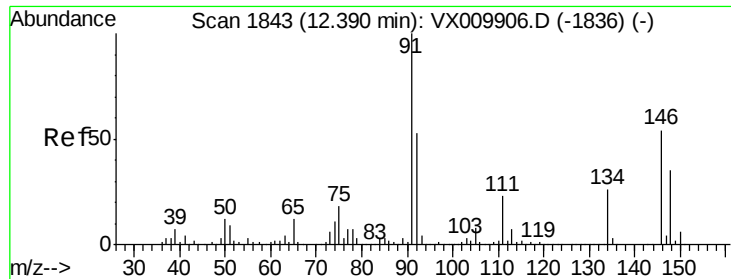
Tot Ion: 91 Resp: 390789
Ion Ratio Lower Upper
91 100
92 53.0 26.3 78.8
134 25.2 12.3 36.8



#90
Hexachloroethane
Concen: 47.814 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX010063.D
Acq: 04 Jun 2019 17:51

Tgt Ion: 117 Resp: 69916
Ion Ratio Lower Upper
117 100
201 89.4 43.6 130.9

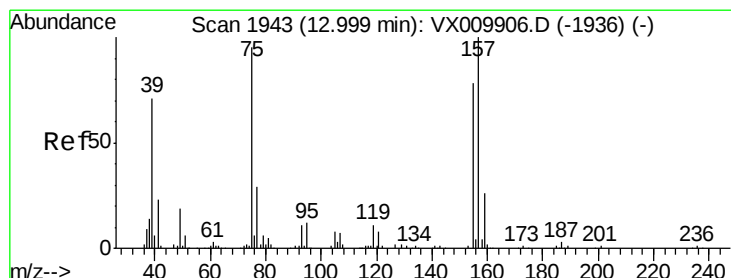
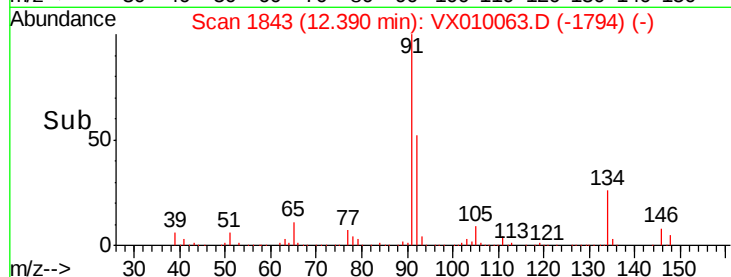
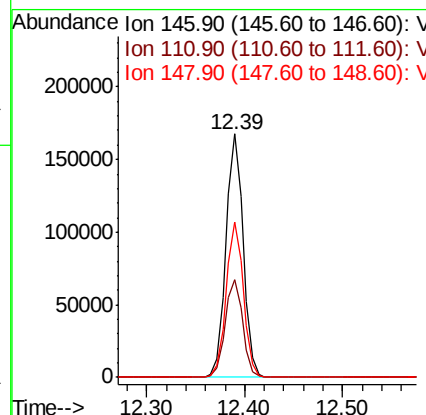
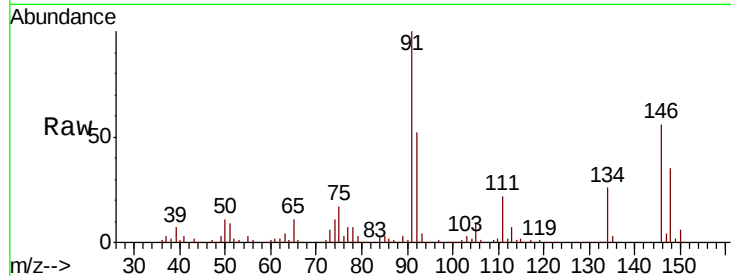




#91
 1,2-Dichlorobenzene
 Concen: 46.202 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX010063.D
 Acq: 04 Jun 2019 17:51

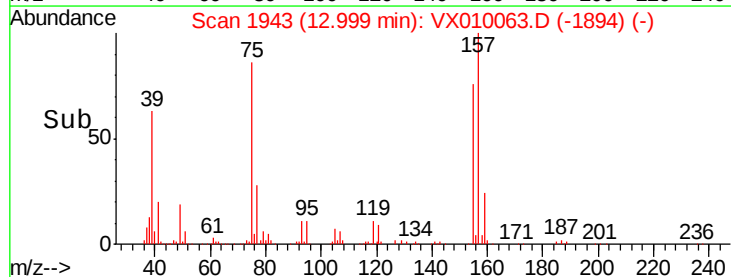
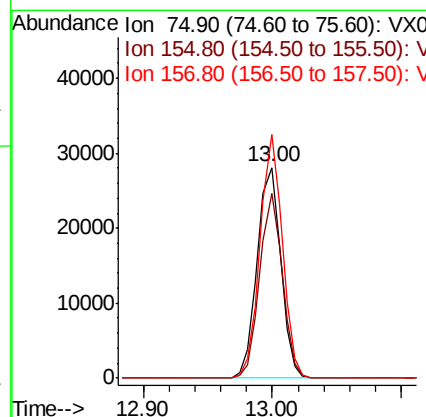
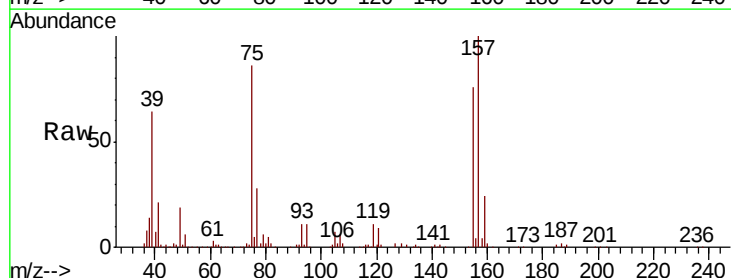
Instrument :
 MSVOA_X
 ClientSampleId :

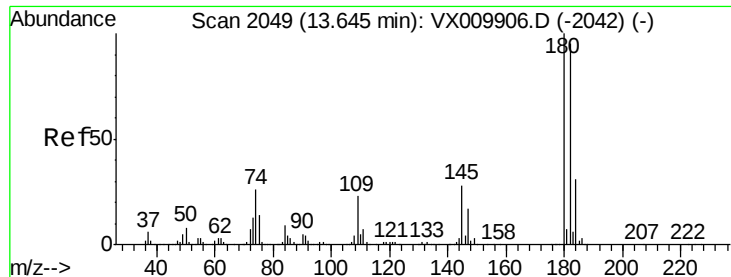
Tot Ion:146 Resp: 204177
 Ion Ratio Lower Upper
 146 100
 111 41.0 21.1 63.1
 148 63.8 32.3 96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 40.759 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX010063.D
 Acq: 04 Jun 2019 17:51

Tgt Ion: 75 Resp: 35361
 Ion Ratio Lower Upper
 75 100
 155 84.1 39.3 117.8
 157 108.9 50.6 151.8

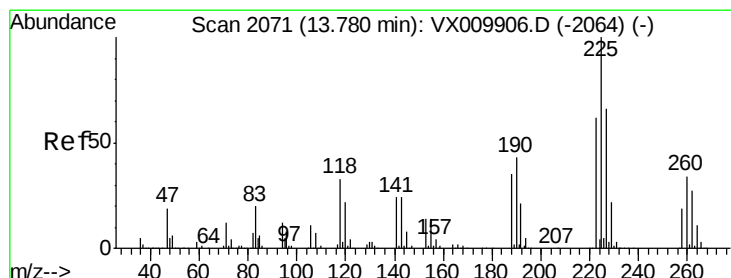
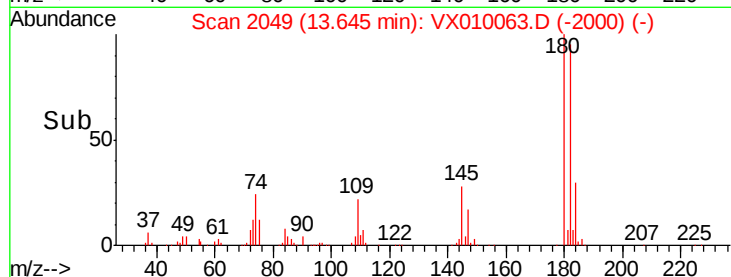
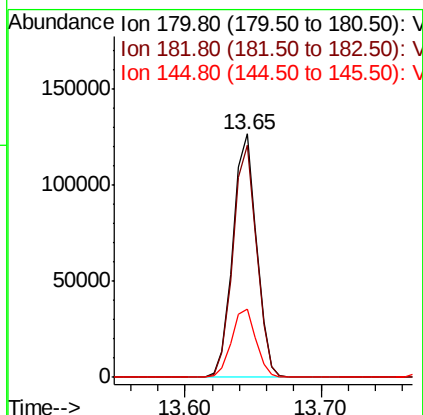
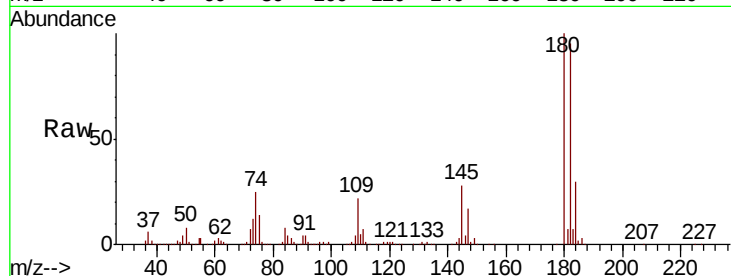




#93
 1,2,4-Trichlorobenzene
 Concen: 48.534 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX010063.D
 Acq: 04 Jun 2019 17:51

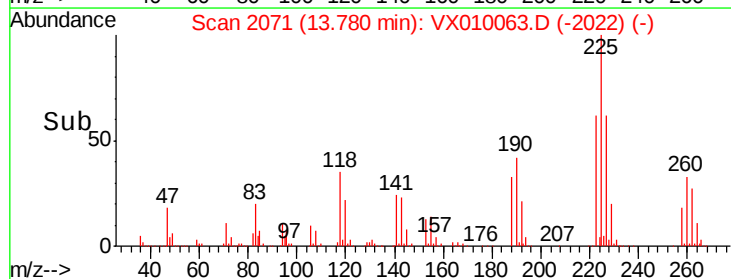
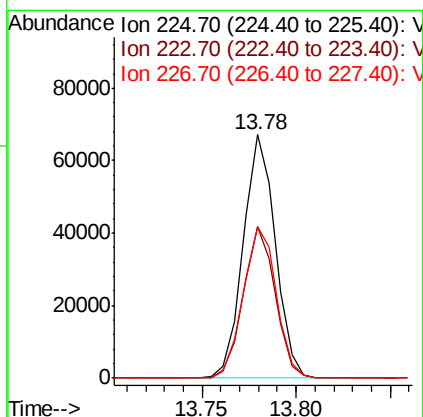
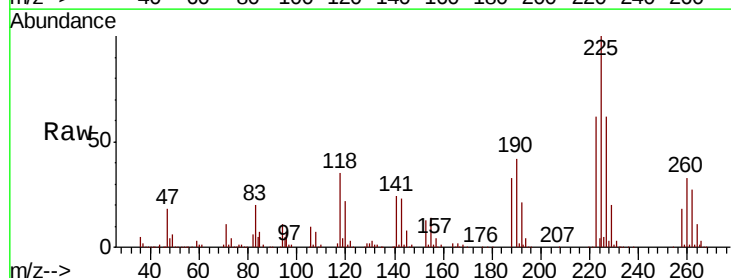
Instrument :
 MSVOA_X
 ClientSampleId :

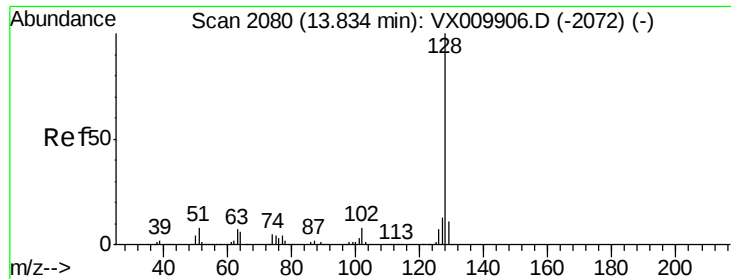
Tot Ion:180 Resp: 153273
 Ion Ratio Lower Upper
 180 100
 182 95.5 47.4 142.2
 145 28.9 14.5 43.5



#94
 Hexachlorobutadiene
 Concen: 49.886 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX010063.D
 Acq: 04 Jun 2019 17:51

Tgt Ion:225 Resp: 79021
 Ion Ratio Lower Upper
 225 100
 223 62.0 31.3 93.8
 227 64.2 32.3 96.8

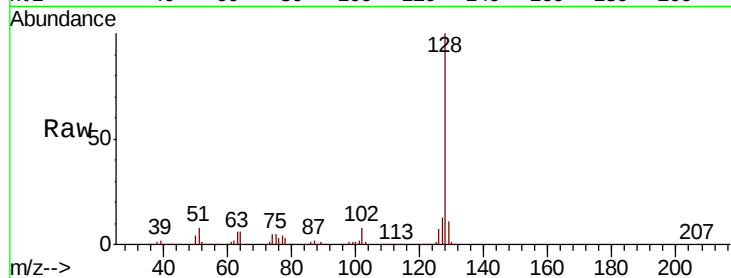




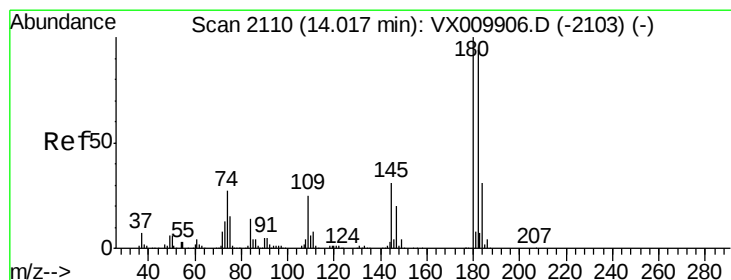
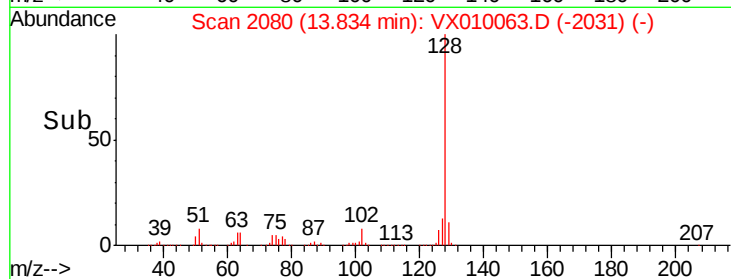
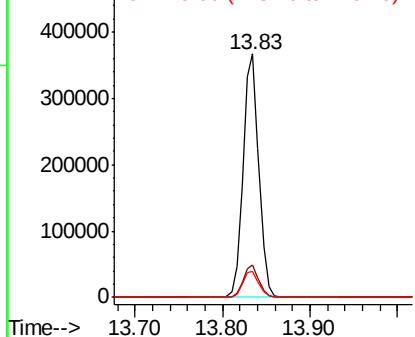
#95
Naphthalene
Concen: 46.288 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX010063.D
Acq: 04 Jun 2019 17:51

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 454910
Ion Ratio Lower Upper
128 100
127 13.2 10.6 16.0
129 10.9 8.8 13.2

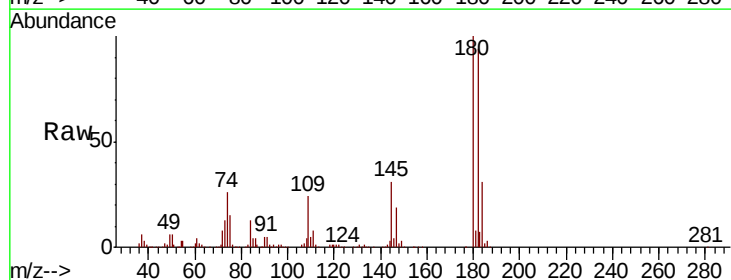


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 47.339 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX010063.D
Acq: 04 Jun 2019 17:51

Tgt Ion:180 Resp: 149649
Ion Ratio Lower Upper
180 100
182 95.1 47.3 142.0
145 30.6 15.6 46.7



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

