

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061019\
 Data File : VX010177.D
 Acq On : 10 Jun 2019 14:59
 Operator : JC/SP
 Sample : VX0610WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0610WBSD02

Manual Integrations
 APPROVED

MMDadoda
 6/11/2019 11:54:08 AM

Quant Time: Jun 11 07:19:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	270097	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	403852	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	365496	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	186732	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	122637	46.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.04%	
35) Dibromofluoromethane	5.50	113	125064	50.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.42%	
50) Toluene-d8	8.71	98	485871	52.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.08%	
62) 4-Bromofluorobenzene	11.13	95	174216	49.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	49889	20.074	ug/l	98
3) Chloromethane	1.33	50	46706	18.923	ug/l	99
4) Vinyl Chloride	1.41	62	48614	20.957	ug/l	99
5) Bromomethane	1.64	94	22574	25.788	ug/l	99
6) Chloroethane	1.72	64	27229	23.281	ug/l	95
7) Trichlorofluoromethane	1.93	101	75670	21.960	ug/l	98
8) Diethyl Ether	2.19	74	25738	21.671	ug/l	79
9) 1,1,2-Trichlorotrifluoroet	2.39	101	44348	18.671	ug/l	91
10) Methyl Iodide	2.51	142	69526	18.892	ug/l	97
11) Tert butyl alcohol	3.04	59	61455	95.152	ug/l	99
12) 1,1-Dichloroethene	2.37	96	44865	18.493	ug/l #	79
13) Acrolein	2.29	56	12105	102.789	ug/l	97
14) Allyl chloride	2.73	41	64741	17.679	ug/l #	88
15) Acrylonitrile	3.14	53	125691	95.212	ug/l	98
16) Acetone	2.45	43	114066	91.986	ug/l #	86
17) Carbon Disulfide	2.57	76	119844	17.096	ug/l	99
18) Methyl Acetate	2.78	43	50627	18.565	ug/l #	82
19) Methyl tert-butyl Ether	3.20	73	140258	17.995	ug/l	93
20) Methylene Chloride	2.85	84	50233	18.446	ug/l #	76
21) trans-1,2-Dichloroethene	3.17	96	47150	17.562	ug/l #	78
22) Diisopropyl ether	3.85	45	128808	18.397	ug/l #	94
23) Vinyl Acetate	3.82	43	580151	92.880	ug/l #	87
24) 1,1-Dichloroethane	3.70	63	77125	18.142	ug/l	96
25) 2-Butanone	4.67	43	175604	95.100	ug/l #	81
26) 2,2-Dichloropropane	4.59	77	67008	17.278	ug/l	91
27) cis-1,2-Dichloroethene	4.60	96	54513	18.251	ug/l	79
28) Bromochloromethane	5.02	49	33235	17.444	ug/l #	48
29) Tetrahydrofuran	5.13	42	109678	94.513	ug/l #	74
30) Chloroform	5.21	83	80055	18.133	ug/l	99
31) Cyclohexane	5.58	56	70974	18.499	ug/l #	73
32) 1,1,1-Trichloroethane	5.49	97	72830	17.547	ug/l	92
36) 1,1-Dichloropropene	5.81	75	59347	18.012	ug/l	91
37) Ethyl Acetate	4.84	43	63121	18.412	ug/l #	90
38) Carbon Tetrachloride	5.79	117	67642	18.138	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	81496	18.165	ug/l #	83
40) Benzene	6.14	78	192121	18.857	ug/l	97
41) Methacrylonitrile	5.04	41	33590	18.114	ug/l #	82
42) 1,2-Dichloroethane	6.19	62	56966	17.514	ug/l	93
43) Isopropyl Acetate	6.45	43	104516	18.234	ug/l #	88
44) Trichloroethene	7.21	130	56945	18.543	ug/l	83
45) 1,2-Dichloropropane	7.51	63	48983	19.209	ug/l	97
46) Dibromomethane	7.66	93	34340	17.975	ug/l	89
47) Bromodichloromethane	7.90	83	65412	18.324	ug/l #	98
48) Methyl methacrylate	7.77	41	49877	18.606	ug/l #	74
49) 1,4-Dioxane	7.74	88	29506	386.064	ug/l #	79
51) 4-Methyl-2-Pentanone	8.64	43	341578	99.754	ug/l	89
52) Toluene	8.79	92	125811	18.786	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	73206	17.729	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	80648	18.219	ug/l #	88
55) 1,1,2-Trichloroethane	9.21	97	52739	19.228	ug/l	98
56) Ethyl methacrylate	9.18	69	82559	19.055	ug/l #	81
57) 1,3-Dichloropropane	9.37	76	81742	18.930	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	193083	94.532	ug/l #	86
59) 2-Hexanone	9.49	43	268985	98.523	ug/l	86
60) Dibromochloromethane	9.58	129	59934	18.474	ug/l	100
61) 1,2-Dibromoethane	9.67	107	56823	18.601	ug/l	100
64) Tetrachloroethene	9.34	164	51110	18.828	ug/l	96
65) Chlorobenzene	10.14	112	140811	18.666	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	53692	18.508	ug/l	98
67) Ethyl Benzene	10.25	91	243595	18.969	ug/l	96
68) m/p-Xylenes	10.36	106	190416	38.318	ug/l	89
69) o-Xylene	10.69	106	93926	19.014	ug/l	87
70) Styrene	10.71	104	158119	18.899	ug/l	94
71) Bromoform	10.85	173	49130	18.422	ug/l #	99
73) Isopropylbenzene	11.02	105	242890	18.633	ug/l	95
74) N-amyl acetate	10.90	43	97047	18.834	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.27	83	84195	18.869	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	68617m	18.371	ug/l	
77) Bromobenzene	11.26	156	66287	18.492	ug/l	81
78) n-propylbenzene	11.36	91	265299	18.282	ug/l	94
79) 2-Chlorotoluene	11.42	91	158197	18.151	ug/l	90
80) 1,3,5-Trimethylbenzene	11.51	105	202877	18.479	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	30443	18.008	ug/l #	82
82) 4-Chlorotoluene	11.51	91	178934	18.073	ug/l	90
83) tert-Butylbenzene	11.77	119	208249	18.740	ug/l	93
84) 1,2,4-Trimethylbenzene	11.80	105	202806	18.288	ug/l	95
85) sec-Butylbenzene	11.94	105	235937	18.224	ug/l	95
86) p-Isopropyltoluene	12.06	119	217940	18.414	ug/l	96
87) 1,3-Dichlorobenzene	12.02	146	114510	18.136	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	116575	18.315	ug/l	99
89) n-Butylbenzene	12.38	91	183617	18.023	ug/l	97
90) Hexachloroethane	12.60	117	41030	17.403	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	116358	18.956	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	17784	16.937	ug/l	62

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ClientSampleId :
VX0610WBSD02

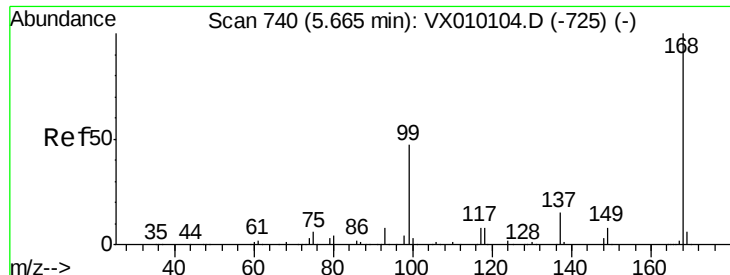
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	80615	17.942	ug/l	100
94) Hexachlorobutadiene	13.78	225	38020	19.026	ug/l	98
95) Naphthalene	13.83	128	256002	18.099	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	80015	18.011	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX010177.D

Acq: 10 Jun 2019 14:59

Instrument :

MSVOA_X

ClientSampleId :

VX0610WBSD02

Tot Ion:168 Resp: 270097

Ion Ratio Lower Upper

168 100

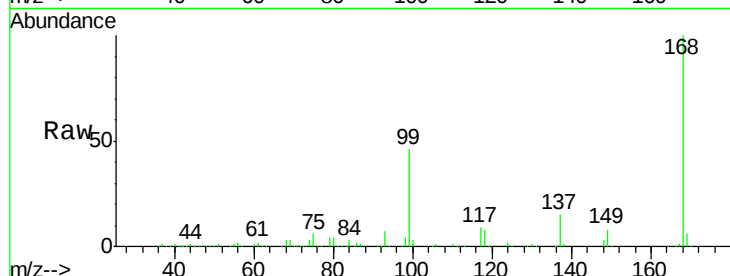
99 45.7 43.0 64.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

100000

80000

60000

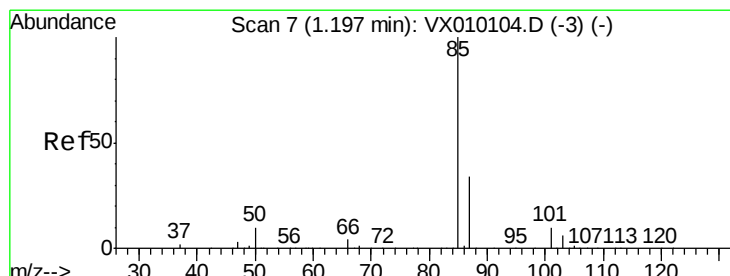
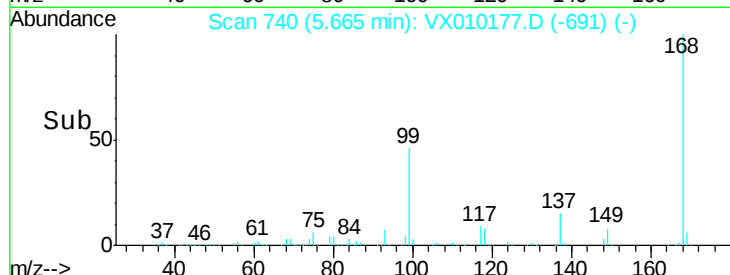
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 20.074 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX010177.D

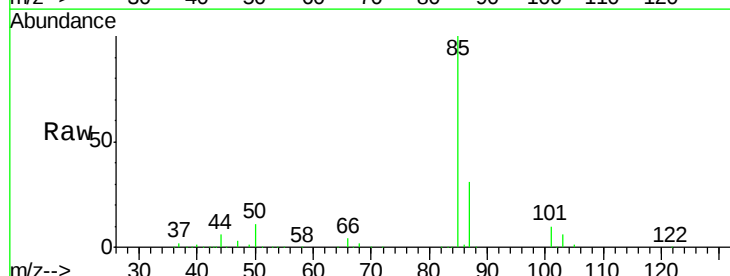
Acq: 10 Jun 2019 14:59

Tgt Ion: 85 Resp: 49889

Ion Ratio Lower Upper

85 100

87 31.3 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

60000

50000

40000

30000

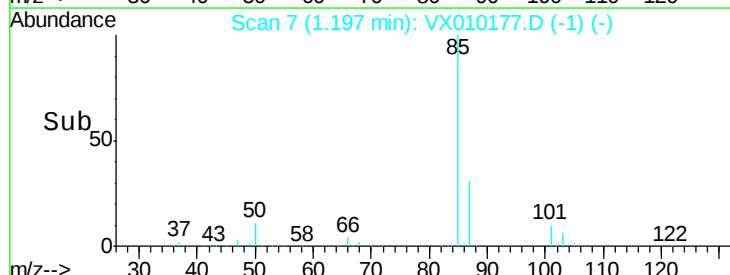
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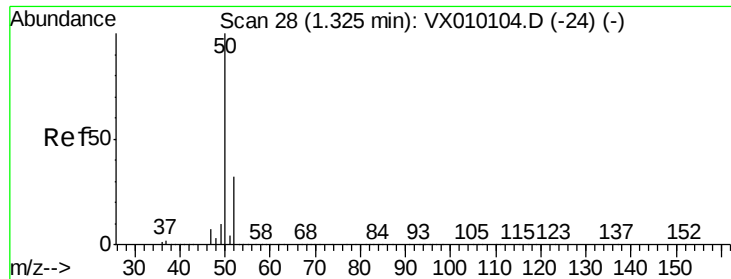
10000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 18.923 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010177.D

Acq: 10 Jun 2019 14:59

Instrument :

MSVOA_X

ClientSampleId :

VX0610WBSD02

Tot Ion: 50 Resp: 46706

Ion Ratio Lower Upper

50 100

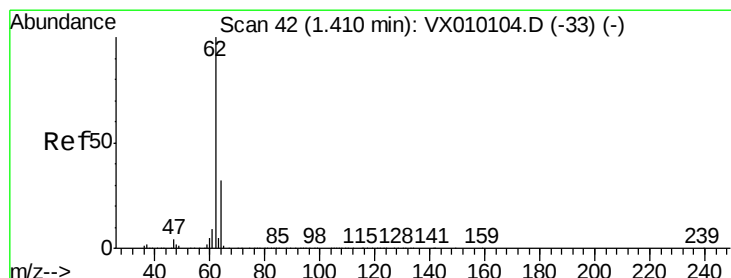
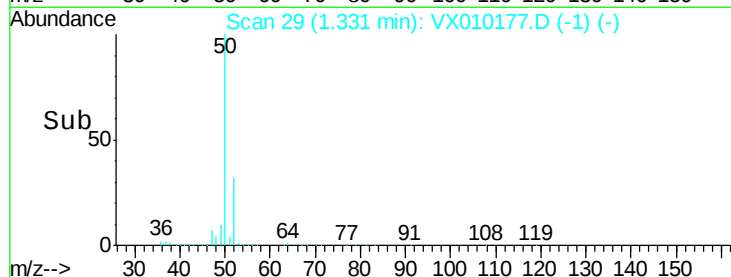
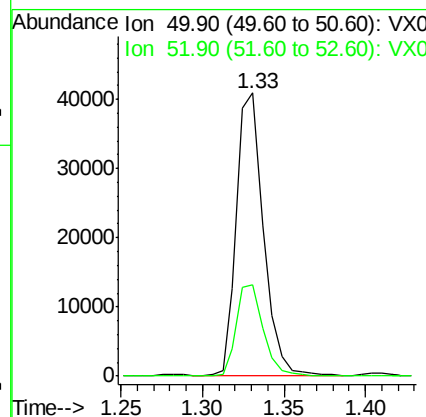
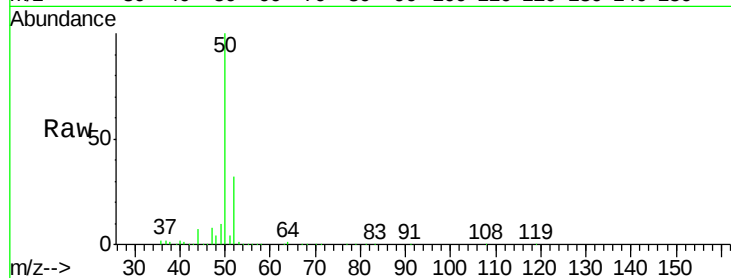
52 32.2 26.0 39.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.957 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010177.D

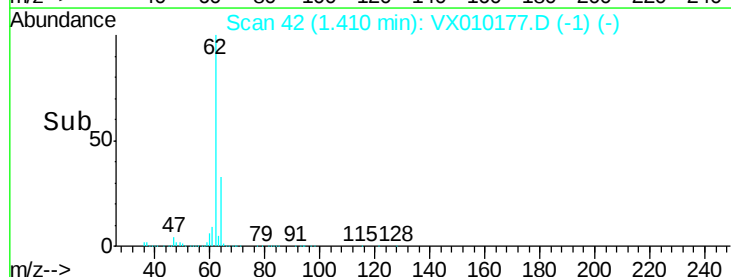
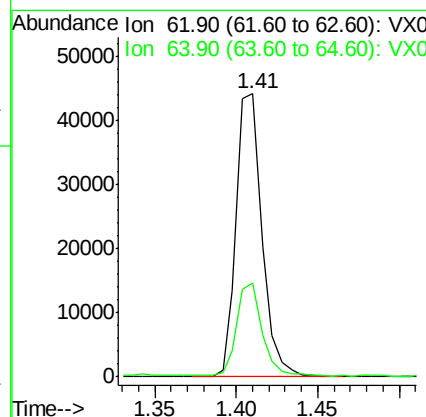
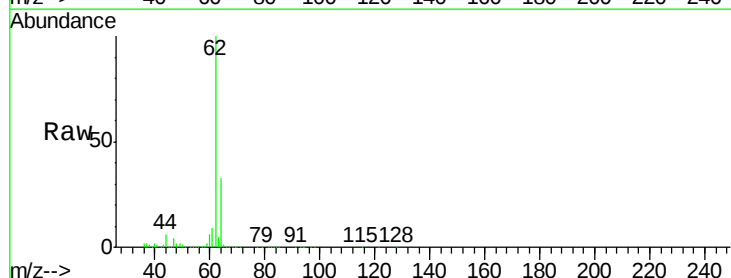
Acq: 10 Jun 2019 14:59

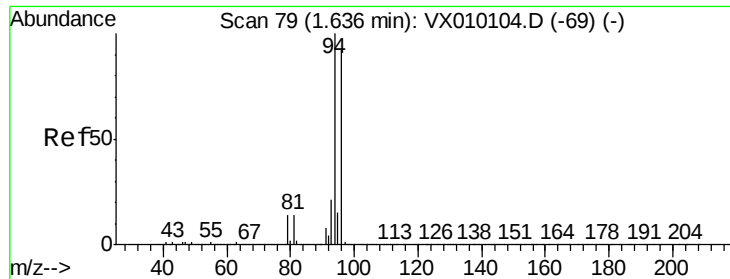
Tgt Ion: 62 Resp: 48614

Ion Ratio Lower Upper

62 100

64 32.7 25.7 38.5





#5

Bromomethane

Concen: 25.788 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX010177.D

Acq: 10 Jun 2019 14:59

Instrument :

MSVOA_X

ClientSampleId :

VX0610WBSD02

Tot Ion: 94 Resp: 22574

Ion Ratio Lower Upper

94 100

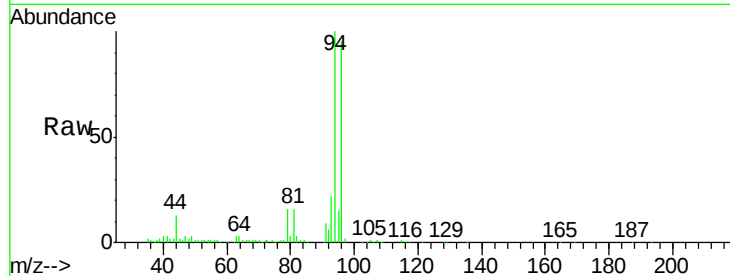
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Manual Integrations

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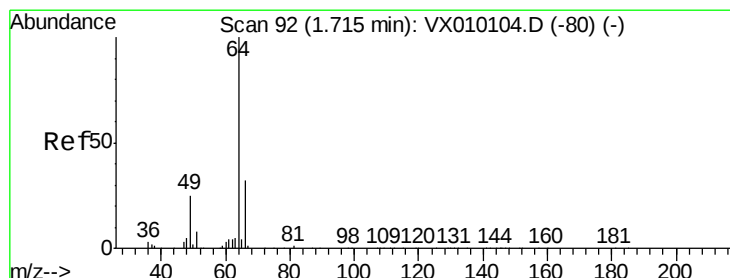
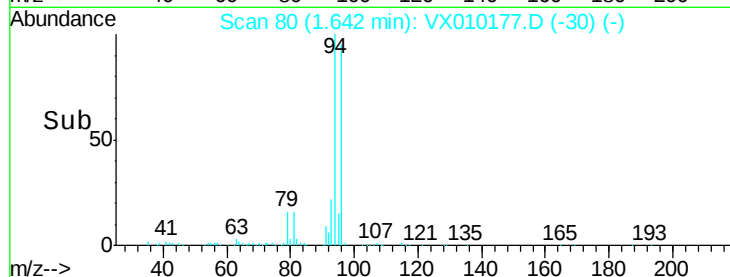
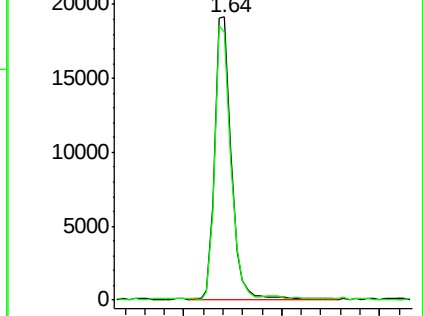
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 23.281 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX010177.D

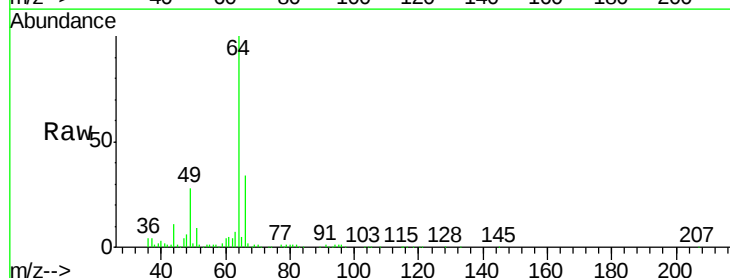
Acq: 10 Jun 2019 14:59

Tgt Ion: 64 Resp: 27229

Ion Ratio Lower Upper

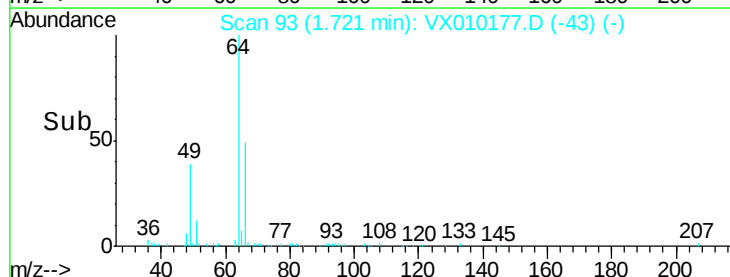
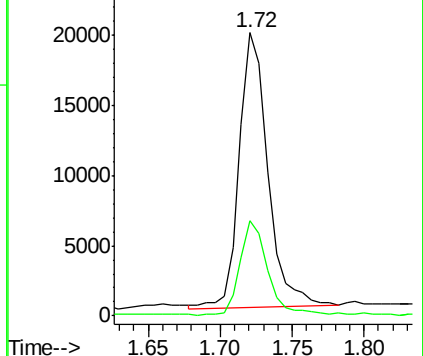
64 100

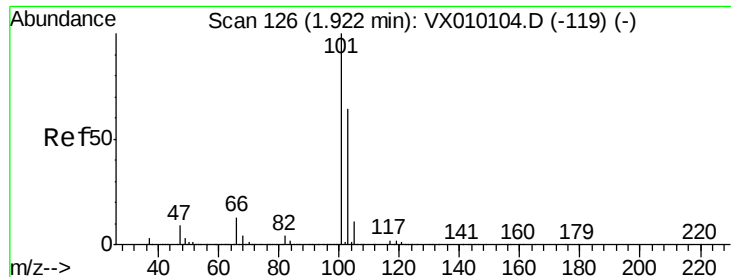
66 34.3 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

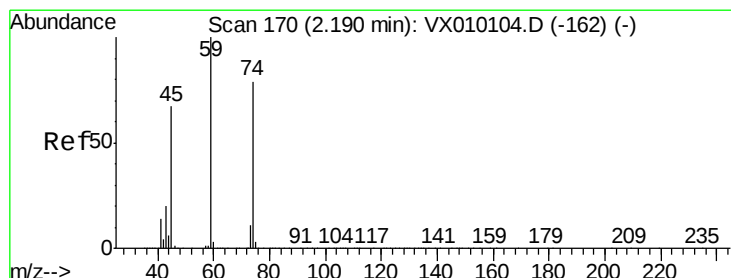
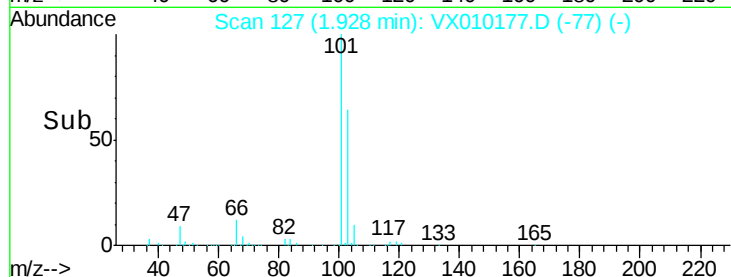
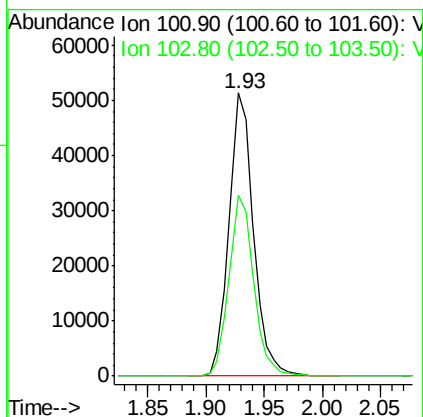
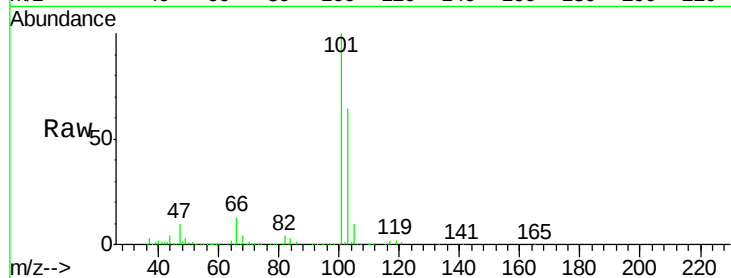
Trichlorofluoromethane
Concen: 21.960 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX010177.D
Acq: 10 Jun 2019 14:59

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VX0610WBSD02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		75670		
103	64.1	52.2	78.4		

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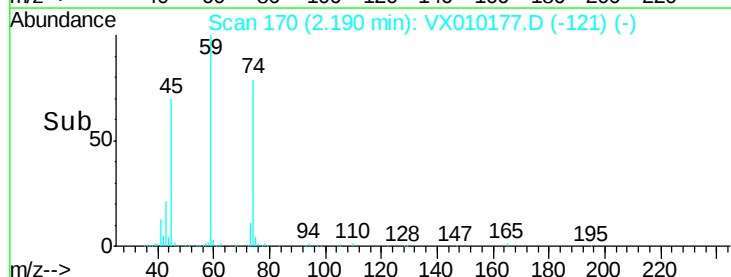
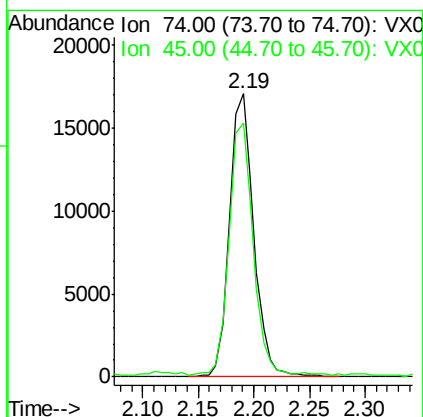
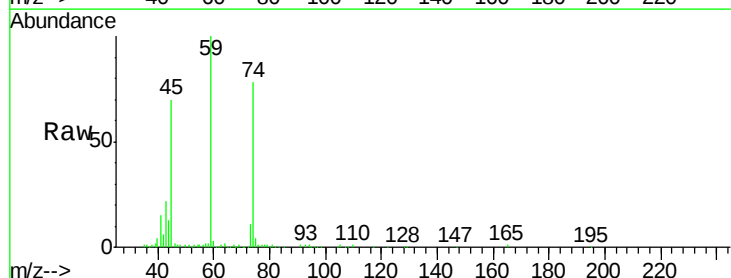
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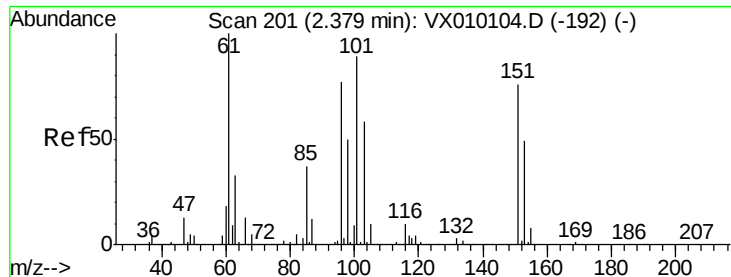


#8

Diethyl Ether
Concen: 21.671 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX010177.D
Acq: 10 Jun 2019 14:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		25738		
45	89.7	56.1	168.3		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.671 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX010177.D

Acq: 10 Jun 2019 14:59

Instrument :

MSVOA_X

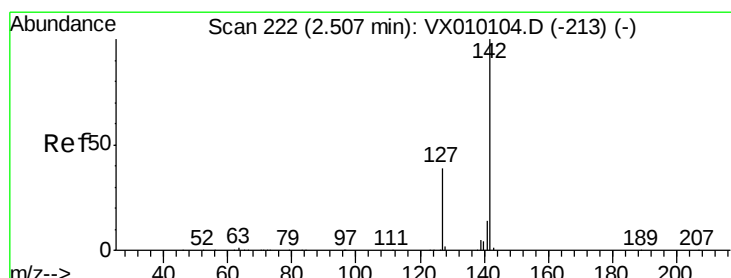
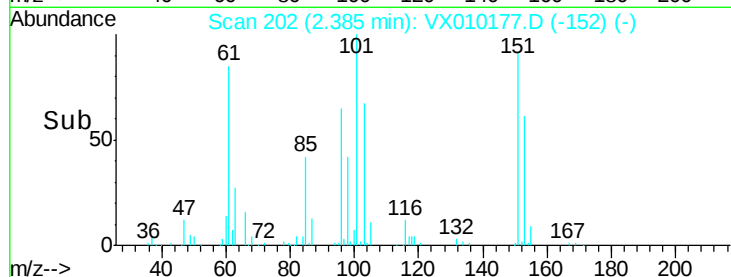
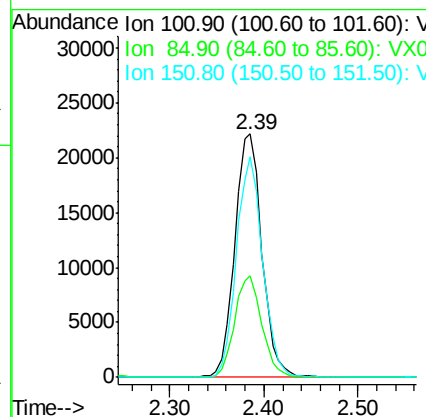
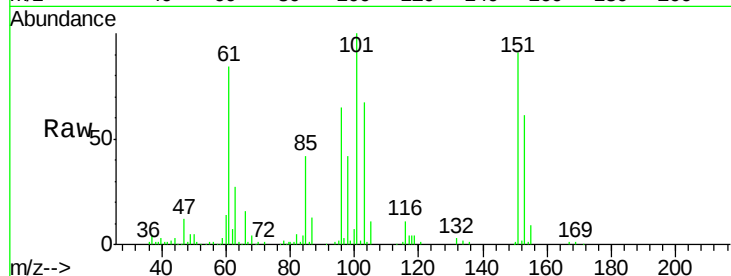
ClientSampleId :

VX0610WBSD02

Tot Ion:	101	Resp:	44348
Ion Ratio	Lower	Upper	
101	100		
85	41.9	35.2	52.8
151	87.8	61.9	92.9

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#10

Methyl Iodide

Concen: 18.892 ug/l

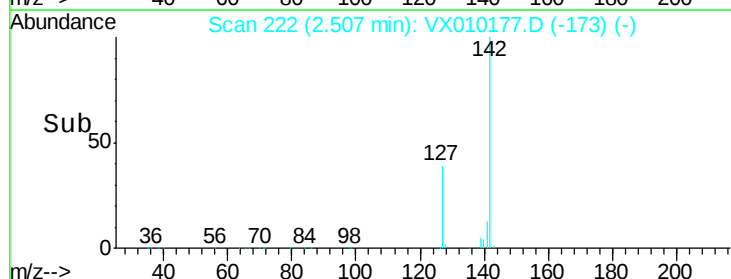
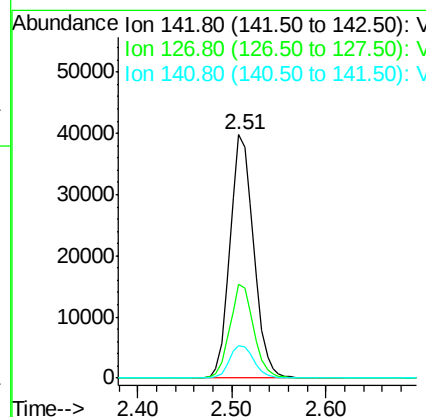
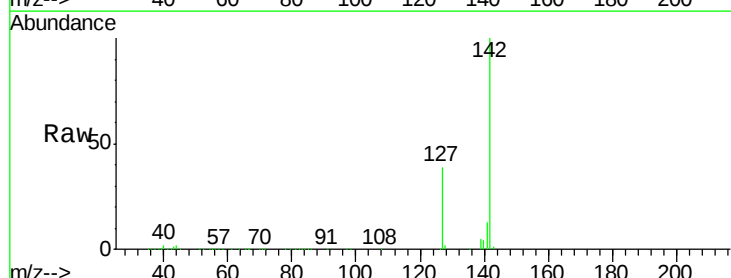
RT: 2.51 min Scan# 222

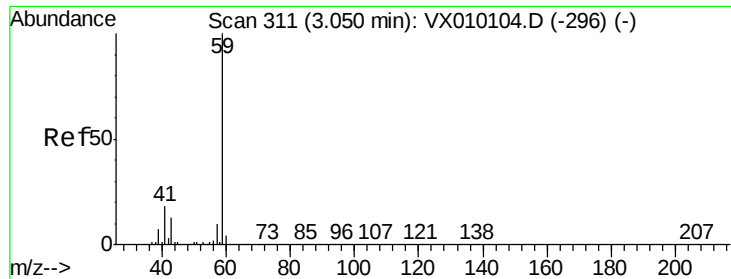
Delta R.T. -0.00 min

Lab File: VX010177.D

Acq: 10 Jun 2019 14:59

Tgt Ion:	142	Resp:	69526
Ion Ratio	Lower	Upper	
142	100		
127	38.7	33.0	49.4
141	13.8	11.4	17.0





#11

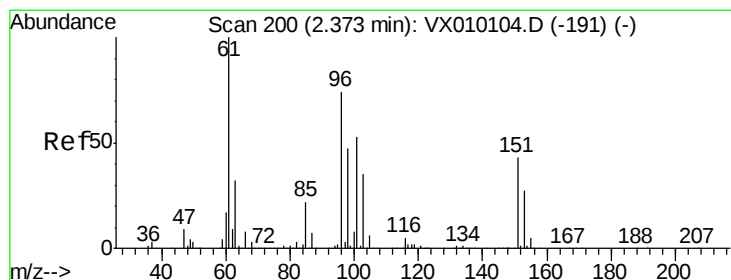
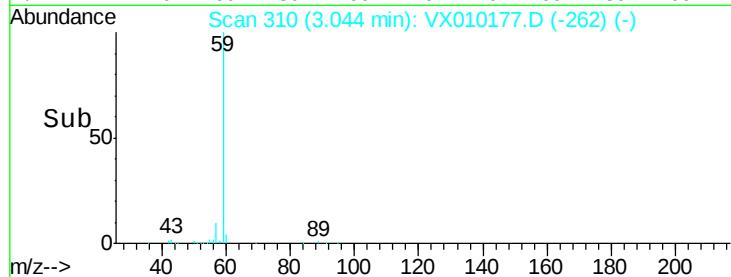
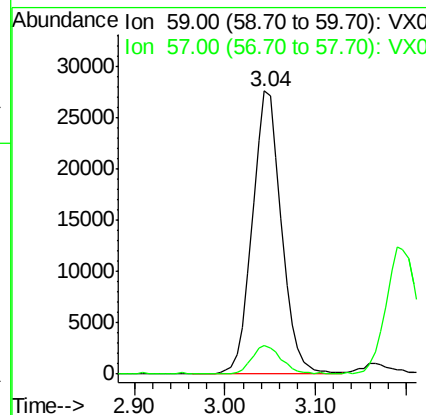
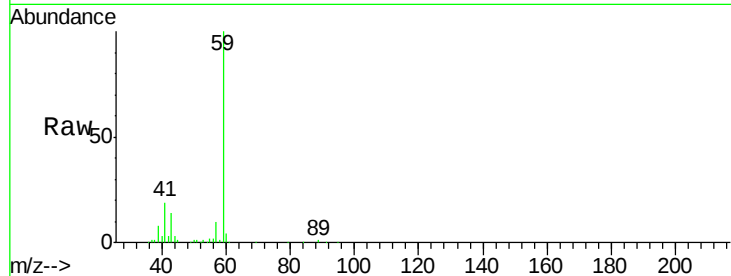
Tert butyl alcohol
Concen: 95.152 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX010177.D
Acq: 10 Jun 2019 14:59

Instrument :
MSVOA_X
ClientSampleId :
VX0610WBSD02

Tot Ion	59	Resp	61455
Ion Ratio	100	Lower	Upper
57	10.4	8.2	12.2

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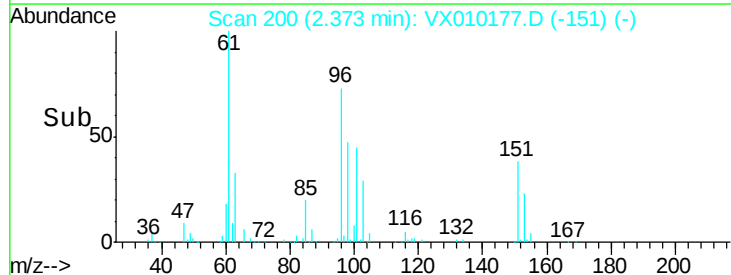
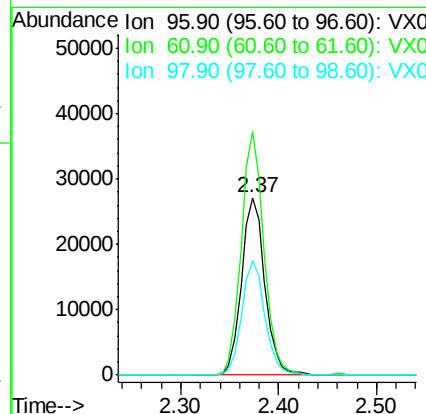
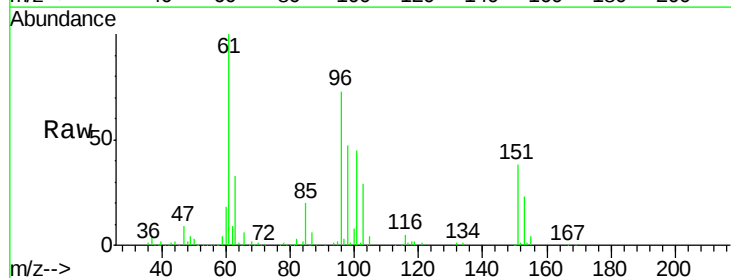
MMDadoda
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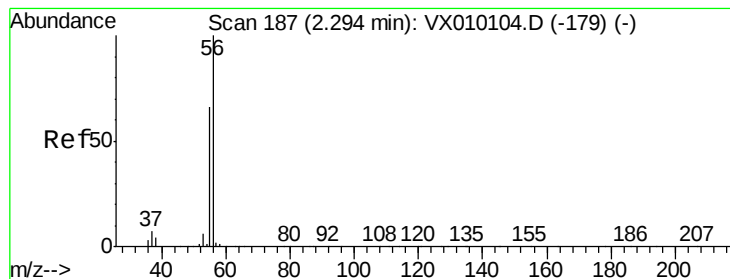


#12

1,1-Dichloroethene
Concen: 18.493 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX010177.D
Acq: 10 Jun 2019 14:59

Tgt Ion	96	Resp	44865
Ion Ratio	100	Lower	Upper
61	137.1	140.7	211.1#
98	64.7	50.1	75.1





#13

Acrolein

Concen: 102.789 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX010177.D

Acq: 10 Jun 2019 14:59

Instrument :

MSVOA_X

ClientSampleId :

VX0610WBSD02

Tot Ion: 56 Resp: 12105

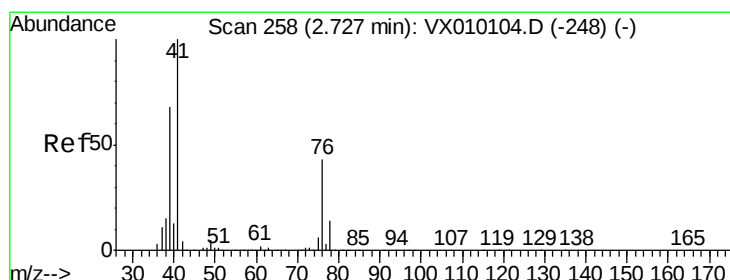
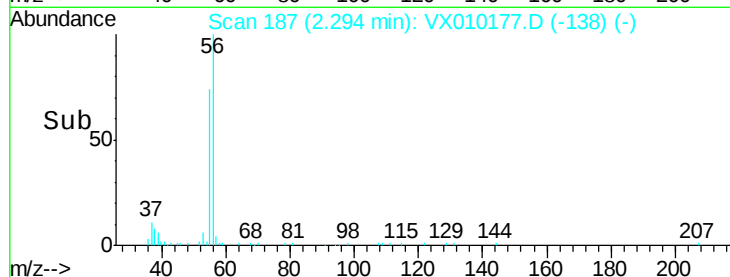
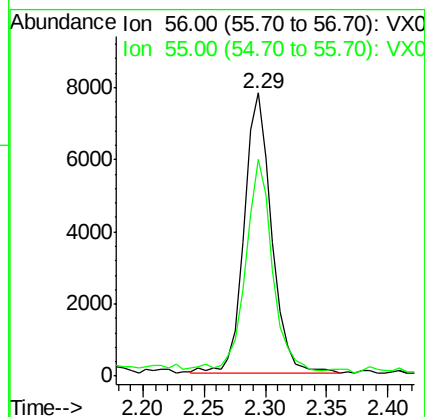
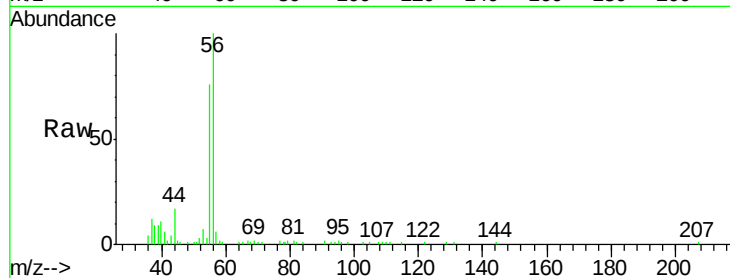
Ion Ratio Lower Upper

56 100

55 73.7 57.0 85.4

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#14

Allyl chloride

Concen: 17.679 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX010177.D

Acq: 10 Jun 2019 14:59

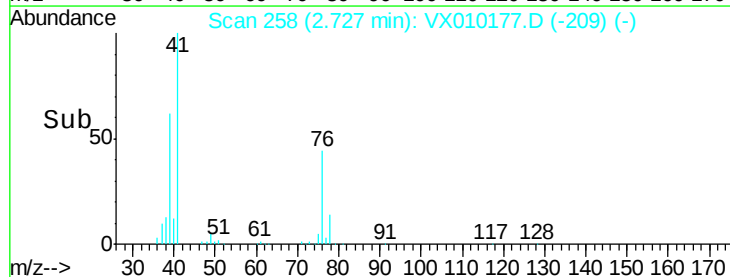
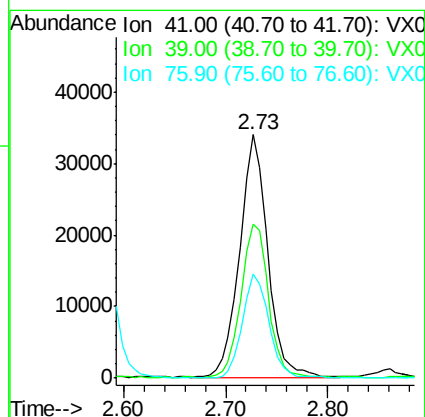
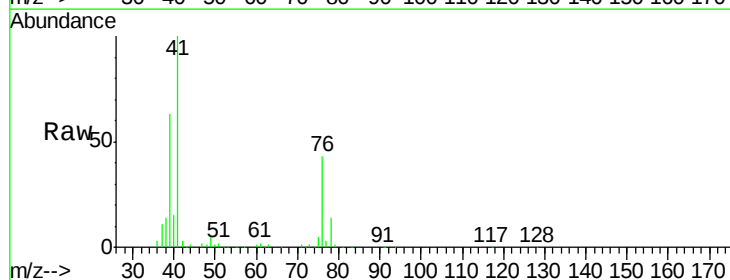
Tgt Ion: 41 Resp: 64741

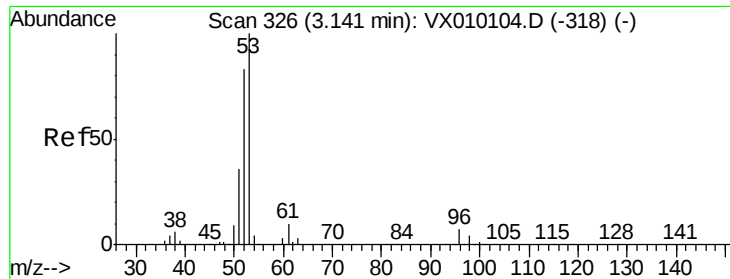
Ion Ratio Lower Upper

41 100

39 62.0 46.7 70.1

76 40.8 21.0 31.4#





#15

Acrylonitrile

Concen: 95.212 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX010177.D

Acq: 10 Jun 2019 14:59

Instrument :

MSVOA_X

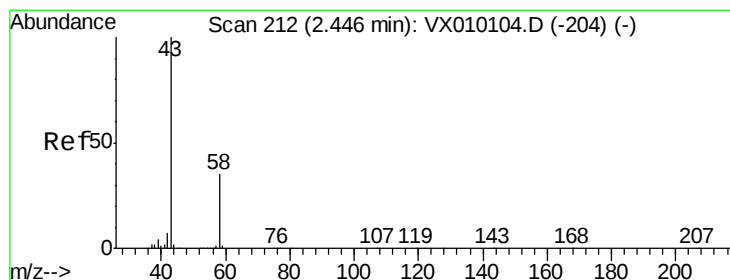
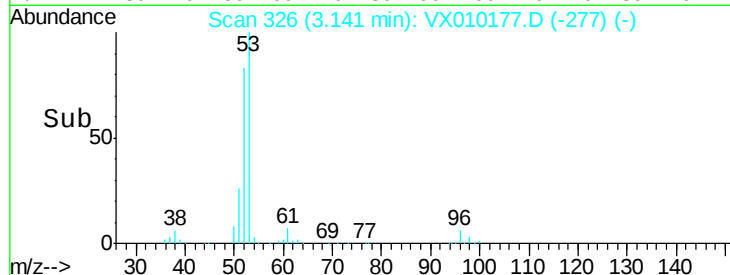
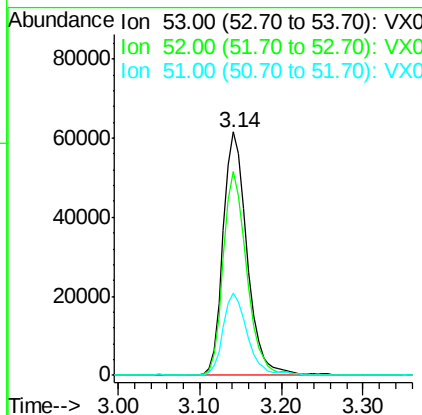
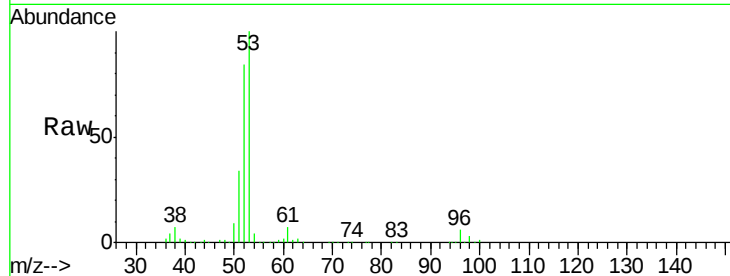
ClientSampleId :

VX0610WBSD02

Tot Ion:	53	Resp:	125691
Ion Ratio	Lower	Upper	
53	100		
52	82.1	66.7	100.1
51	34.5	28.8	43.2

Manual Integrations
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#16

Acetone

Concen: 91.986 ug/l

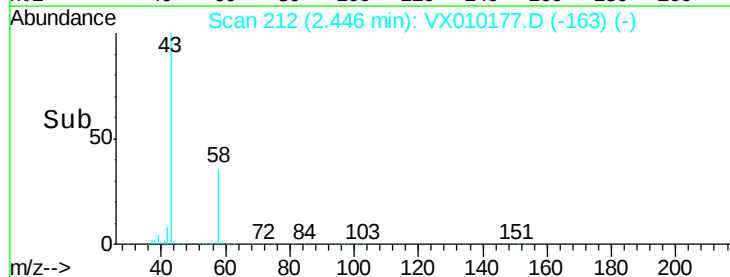
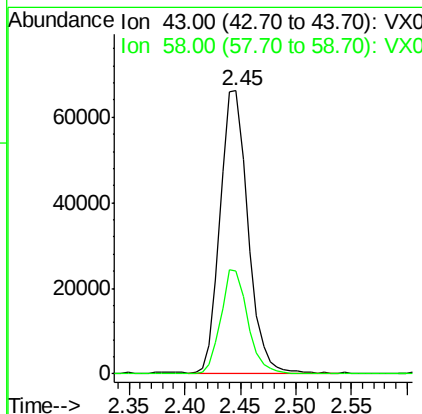
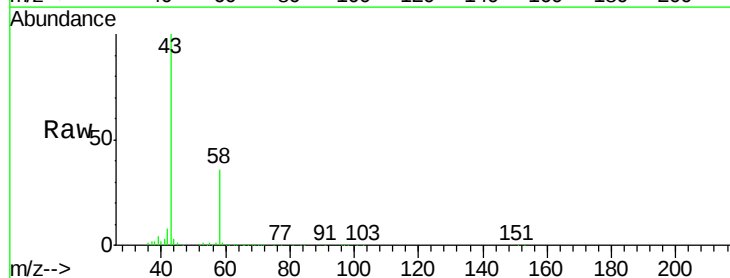
RT: 2.45 min Scan# 212

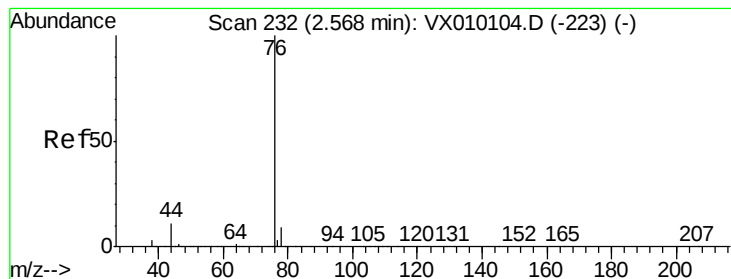
Delta R.T. -0.00 min

Lab File: VX010177.D

Acq: 10 Jun 2019 14:59

Tgt Ion:	43	Resp:	114066
Ion Ratio	Lower	Upper	
43	100		
58	36.4	23.2	34.8#





#17

Carbon Disulfide

Concen: 17.096 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX010177.D

Acq: 10 Jun 2019 14:59

Instrument :

MSVOA_X

ClientSampleId :

VX0610WBSD02

Tot Ion: 76 Resp: 119844

Ion Ratio Lower Upper

76 100

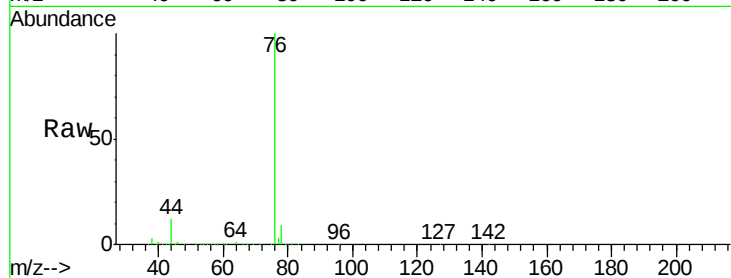
78 9.3 7.0 10.6

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

80000

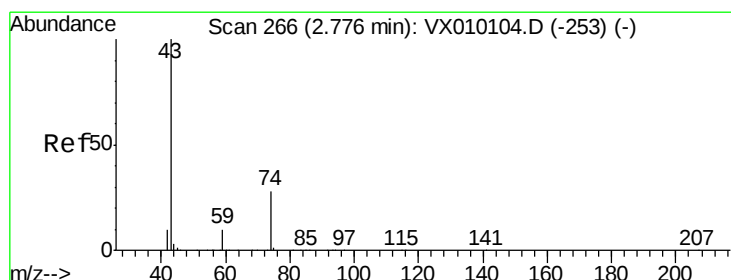
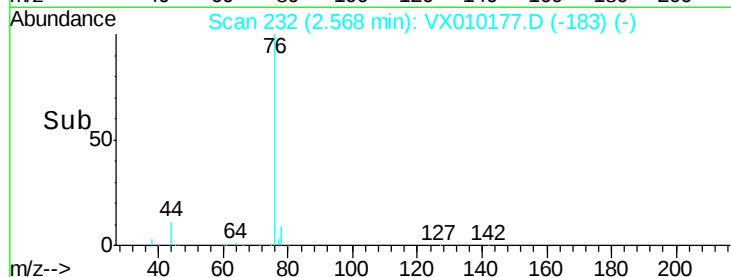
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 18.565 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX010177.D

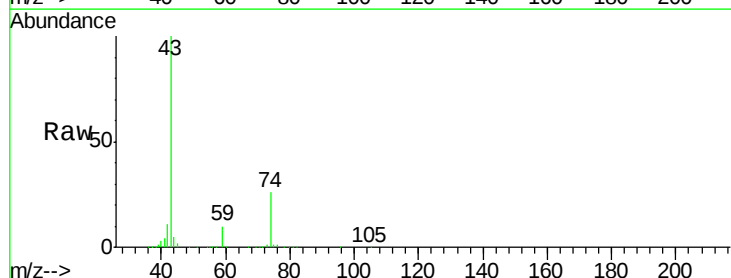
Acq: 10 Jun 2019 14:59

Tgt Ion: 43 Resp: 50627

Ion Ratio Lower Upper

43 100

74 27.7 15.8 23.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

30000

25000

20000

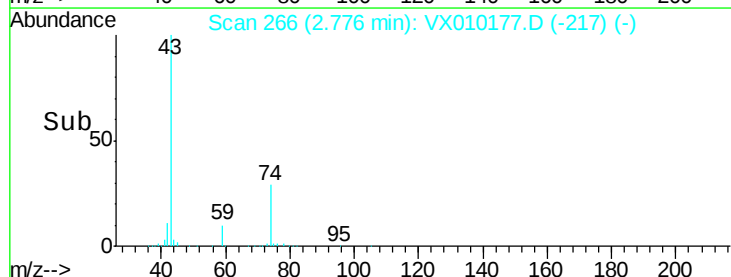
15000

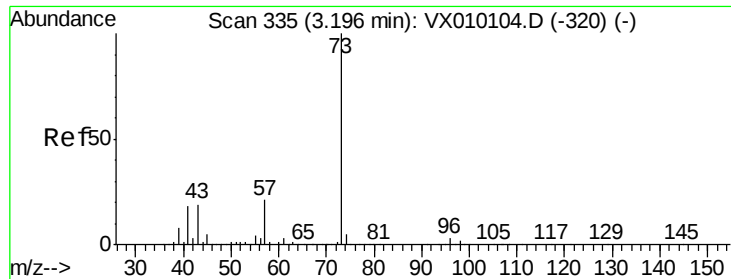
10000

5000

0

Time-->





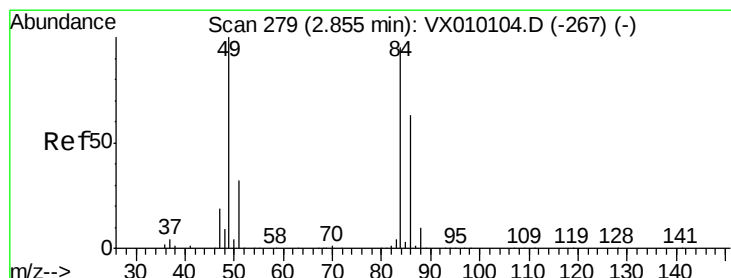
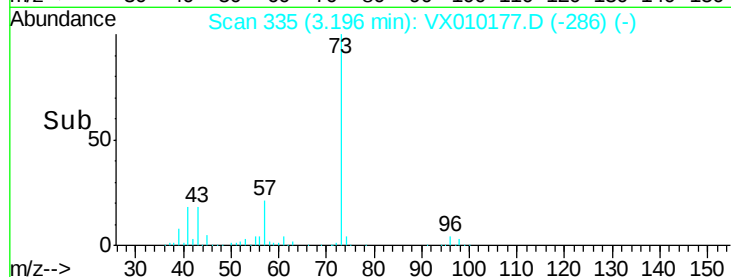
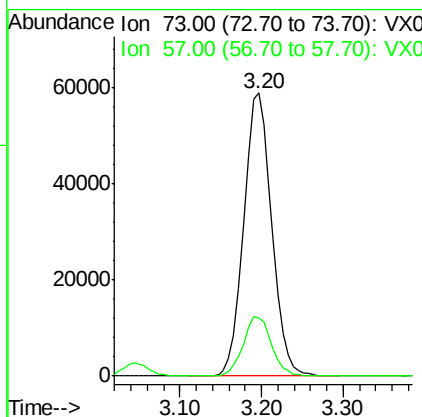
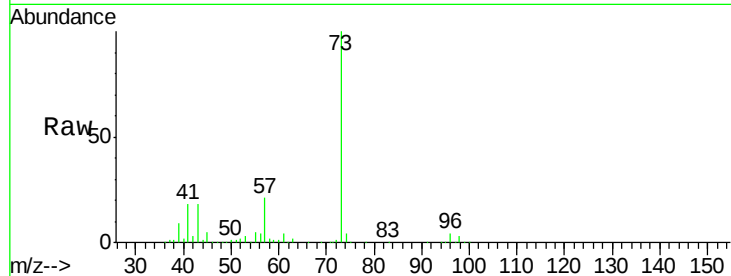
#19
Methvl tert-butvl Ether
Concen: 17.995 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX010177.D
Acq: 10 Jun 2019 14:59

Instrument :
MSVOA_X
ClientSampleId :
VX0610WBSD02

Tot Ion: 73 Resp: 140258
Ion Ratio Lower Upper
73 100
57 20.7 19.4 29.2

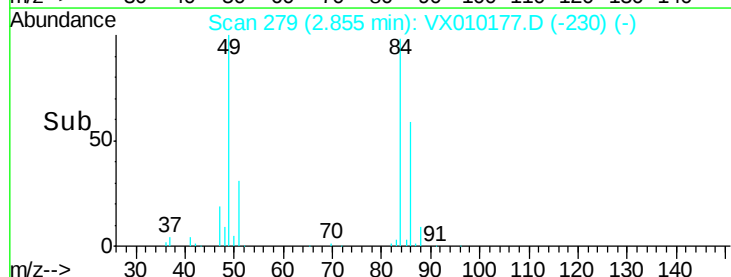
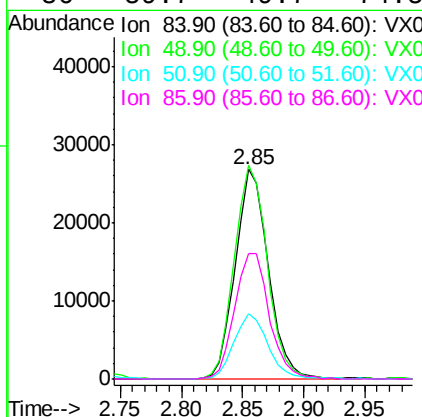
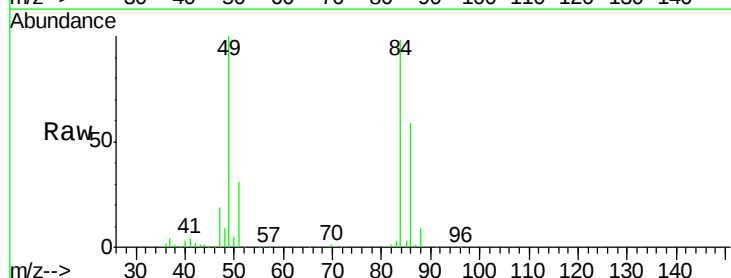
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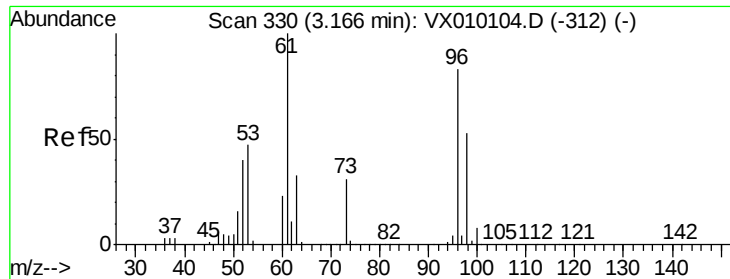
MMDadoda
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#20
Methylene Chloride
Concen: 18.446 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX010177.D
Acq: 10 Jun 2019 14:59

Tgt Ion: 84 Resp: 50233
Ion Ratio Lower Upper
84 100
49 101.8 115.8 173.6#
51 30.9 34.4 51.6#
86 59.7 49.7 74.5





#21

trans-1,2-Dichloroethene

Concen: 17.562 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX010177.D

Acq: 10 Jun 2019 14:59

Instrument :

MSVOA_X

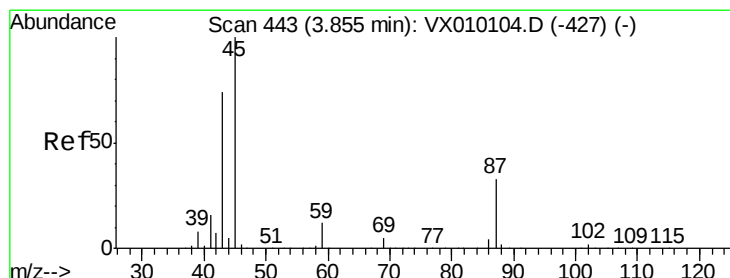
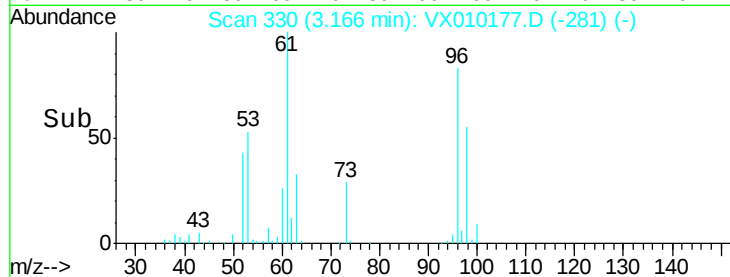
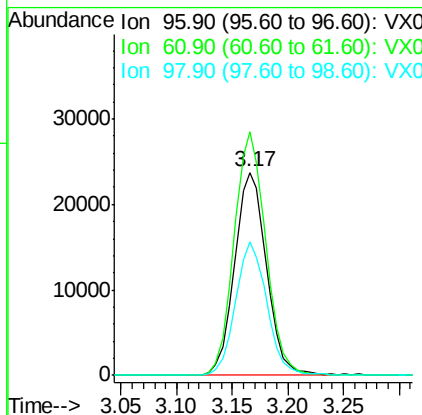
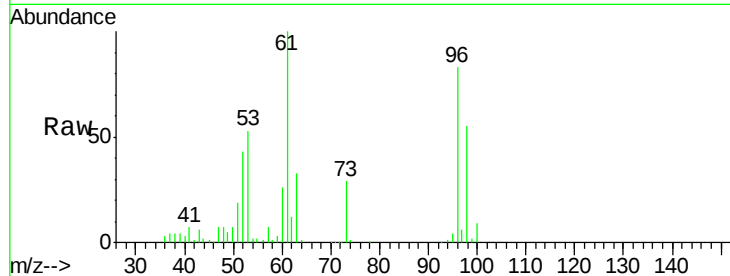
ClientSampleId :

VX0610WBSD02

Tot Ion:	96	Resp:	47150
Ion	Ratio	Lower	Upper
96	100		
61	119.8	125.7	188.5#
98	65.9	49.0	73.6

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#22

Diisopropyl ether

Concen: 18.397 ug/l

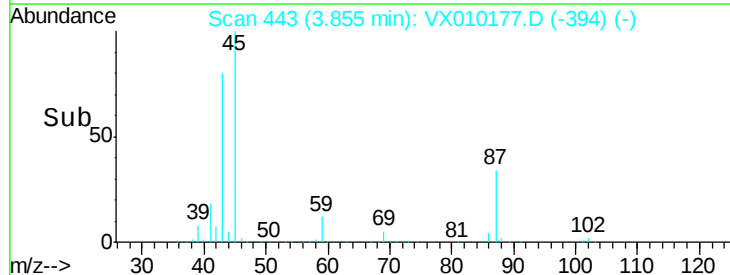
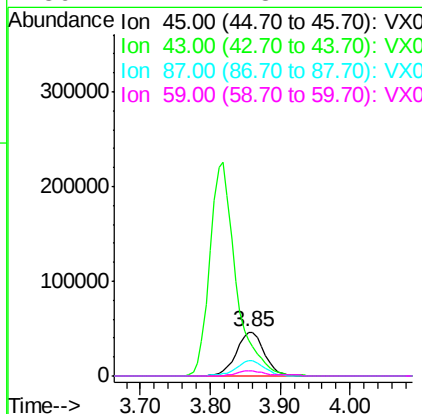
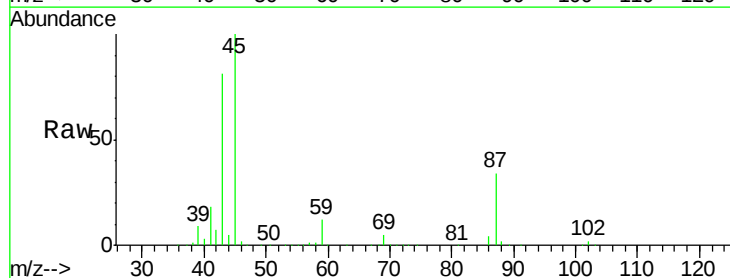
RT: 3.85 min Scan# 443

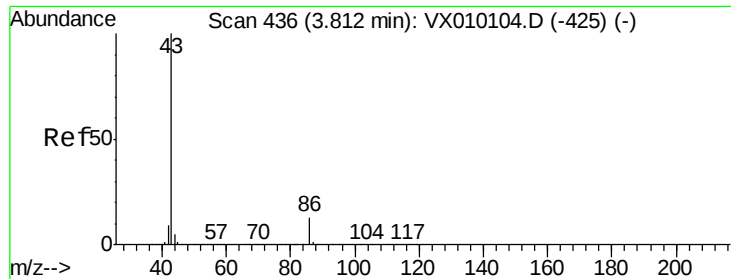
Delta R.T. -0.00 min

Lab File: VX010177.D

Acq: 10 Jun 2019 14:59

Tgt Ion:	45	Resp:	128808
Ion	Ratio	Lower	Upper
45	100		
43	80.2	65.0	97.4
87	33.6	17.3	25.9#
59	12.2	8.1	12.1#





#23

Vinyl Acetate

Concen: 92.880 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.01 min

Lab File: VX010177.D

Acq: 10 Jun 2019 14:59

Instrument :

MSVOA_X

ClientSampleID :

VX0610WBSD02

Tot Ion: 43 Resp: 580151

Ion Ratio Lower Upper

43 100

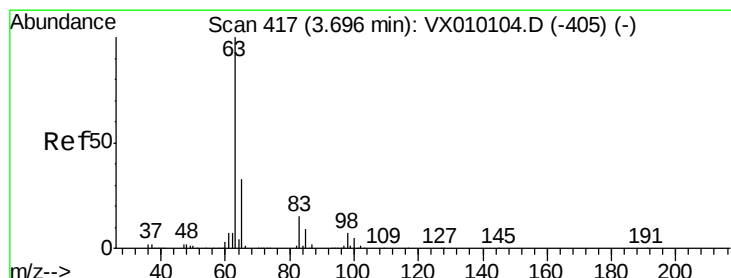
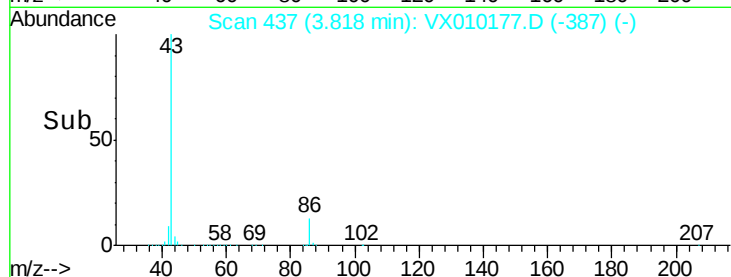
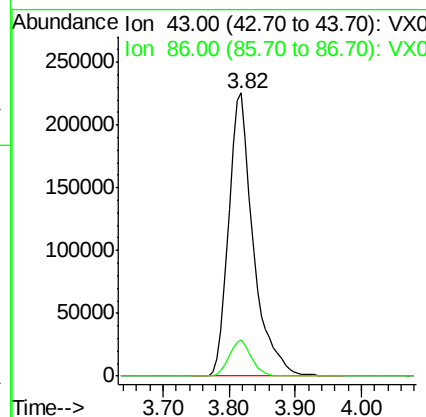
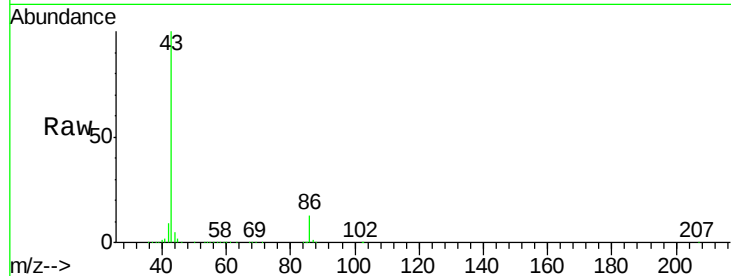
86 12.6 6.5 9.7#

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 18.142 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX010177.D

Acq: 10 Jun 2019 14:59

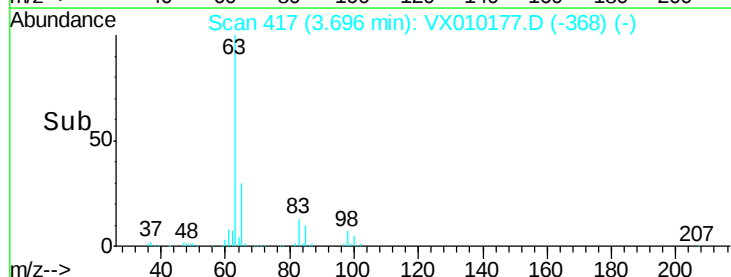
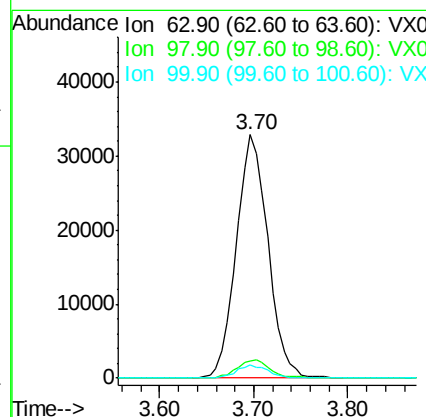
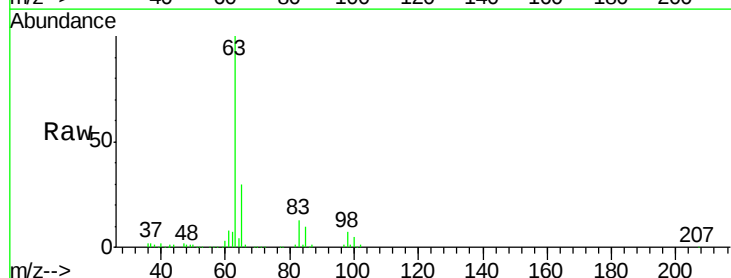
Tgt Ion: 63 Resp: 77125

Ion Ratio Lower Upper

63 100

98 7.1 2.9 8.8

100 5.3 1.8 5.4





#25

2-Butanone

Concen: 95.100 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX010177.D

Acq: 10 Jun 2019 14:59

Instrument :

MSVOA_X

ClientSampled :

VX0610WBSD02

Tot Ion: 43 Resp: 175604

Ion Ratio Lower Upper

43 100

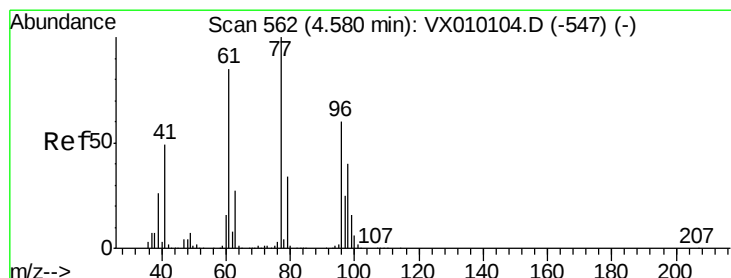
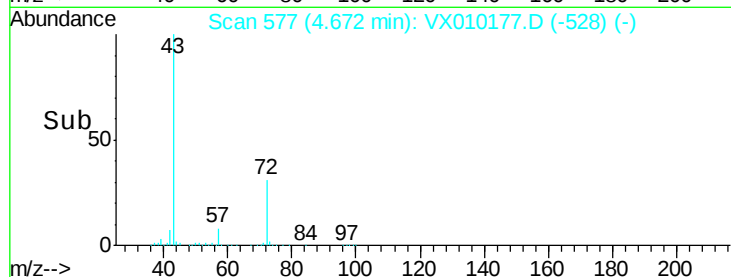
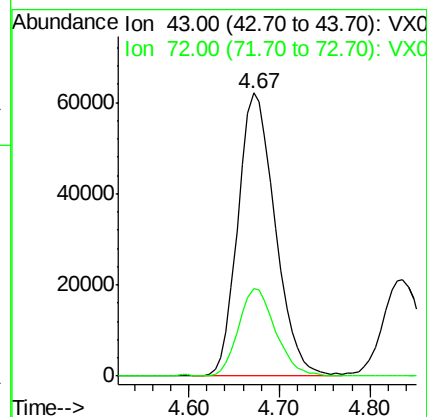
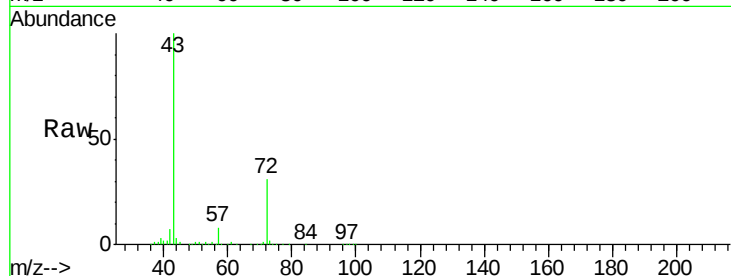
72 31.1 17.5 26.3#

Manual Integrations

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6/11/2019 11:54:08 AM



#26

2,2-Dichloropropane

Concen: 17.278 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX010177.D

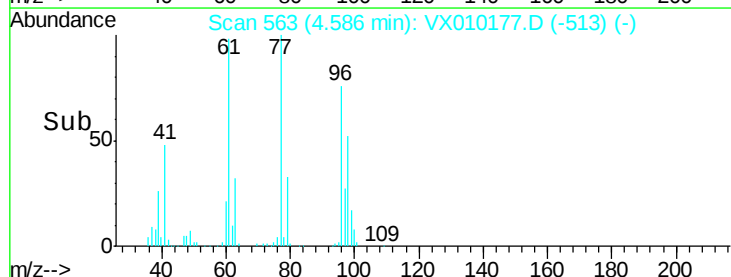
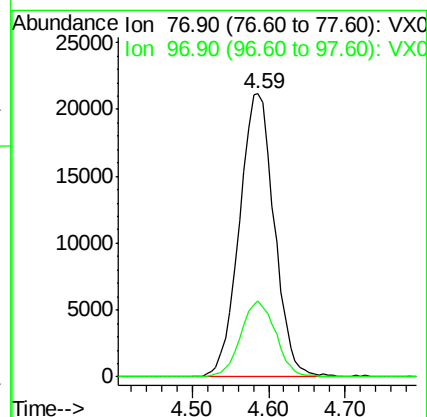
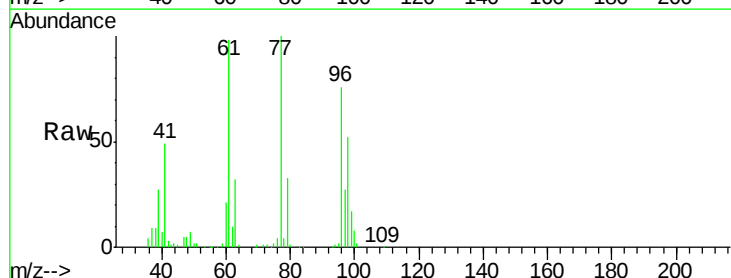
Acq: 10 Jun 2019 14:59

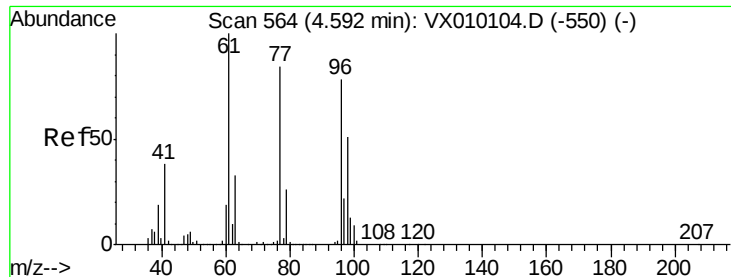
Tgt Ion: 77 Resp: 67008

Ion Ratio Lower Upper

77 100

97 26.9 11.4 34.2





#27

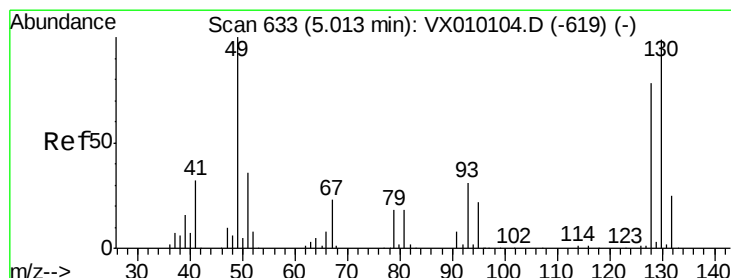
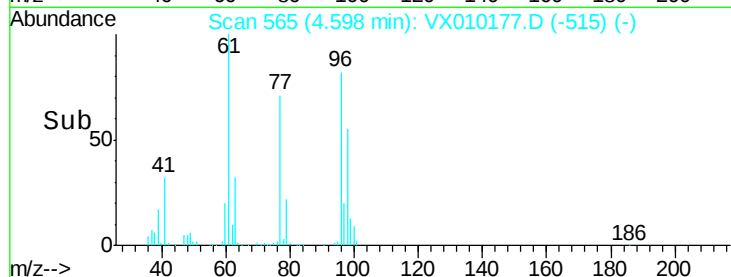
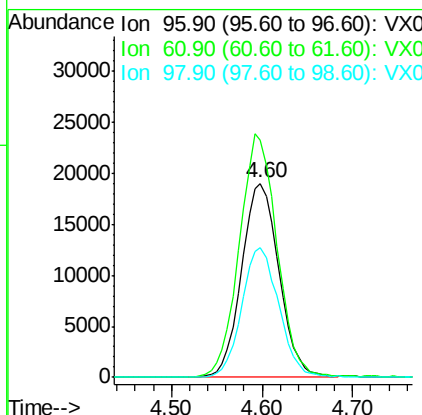
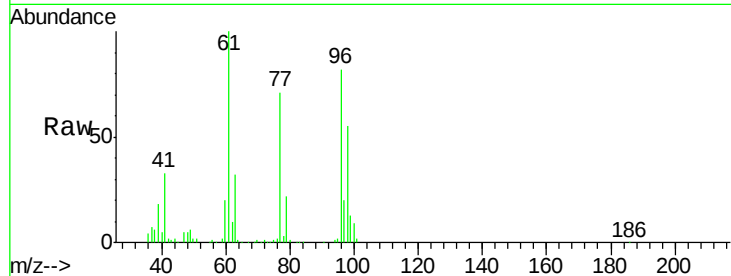
cis-1,2-Dichloroethene
Concen: 18.251 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.01 min
Lab File: VX010177.D
Acq: 10 Jun 2019 14:59

Instrument :
MSVOA_X
ClientSampleId :
VX0610WBSD02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
96	100				
61	126.7	0.0	334.0		
98	66.0	0.0	131.6		

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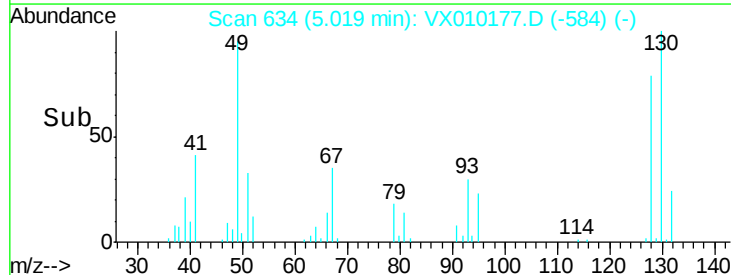
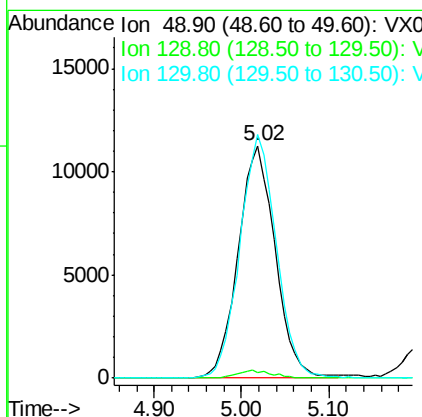
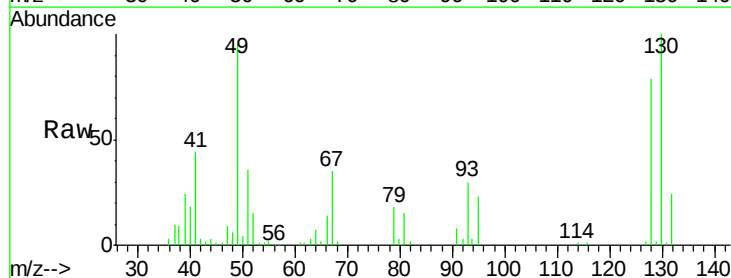
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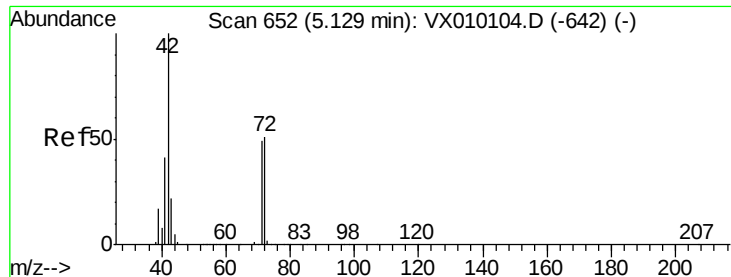


#28

Bromochloromethane
Concen: 17.444 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.01 min
Lab File: VX010177.D
Acq: 10 Jun 2019 14:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
49	100				
129	3.0	0.0	3.4		
130	102.9	49.4	74.2		





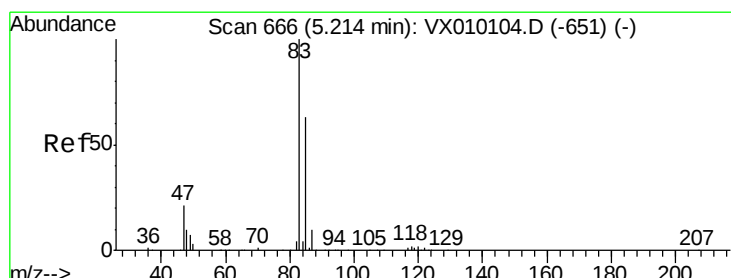
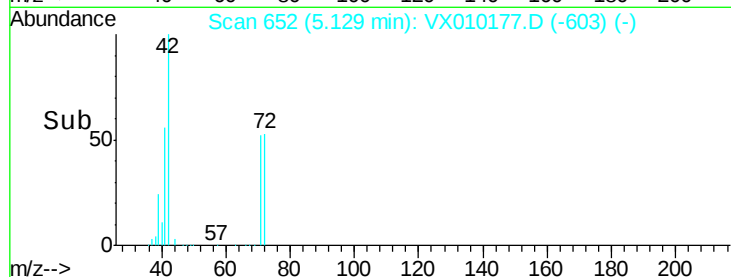
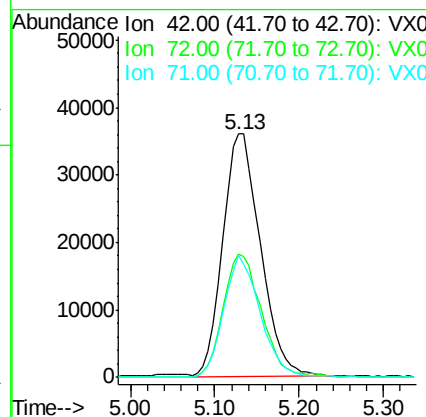
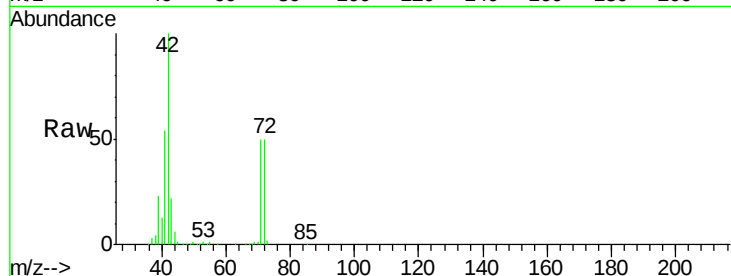
#29
Tetrahydrofuran
Concen: 94.513 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX010177.D
Acq: 10 Jun 2019 14:59

Instrument :
MSVOA_X
ClientSampleId :
VX0610WBSD02

Tot Ion	Ratio	Resp Lower	Upper
42	100		
72	52.0	29.2	43.8#
71	48.8	27.6	41.4#

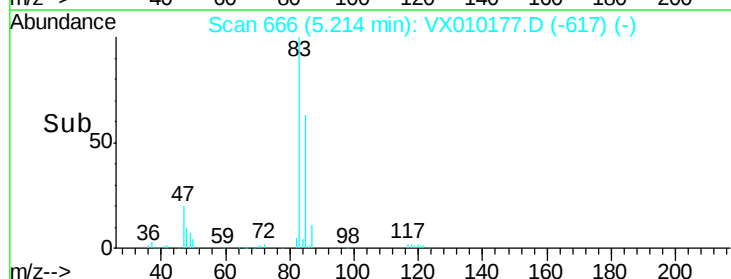
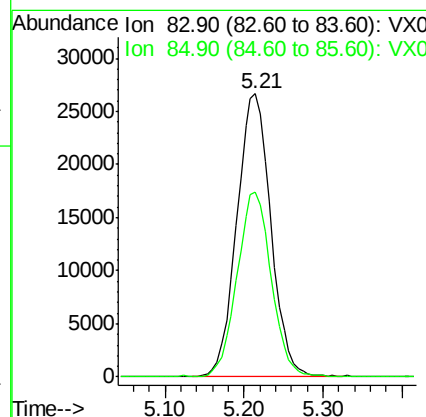
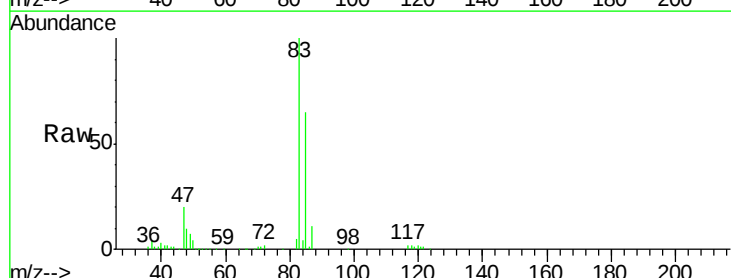
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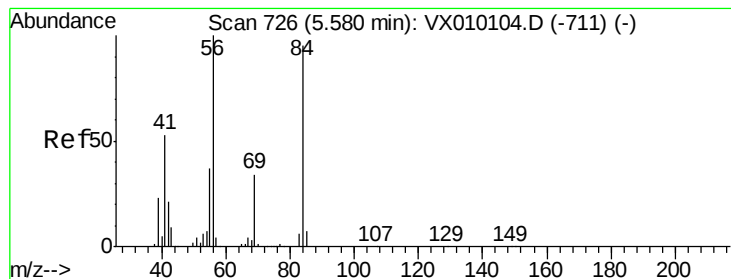
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#30
Chloroform
Concen: 18.133 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX010177.D
Acq: 10 Jun 2019 14:59

Tgt Ion	Ratio	Resp Lower	Upper
83	100		
85	65.1	52.6	78.8





#31

Cyclohexane

Concen: 18.499 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX010177.D

Acq: 10 Jun 2019 14:59

Instrument :

MSVOA_X

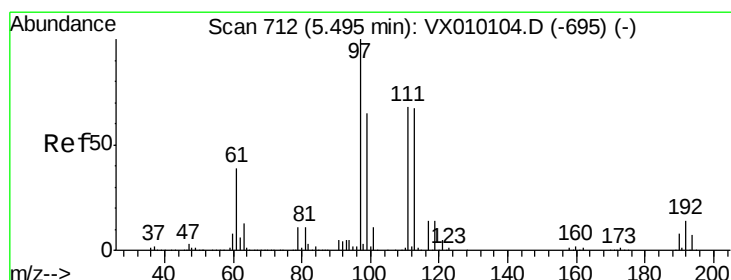
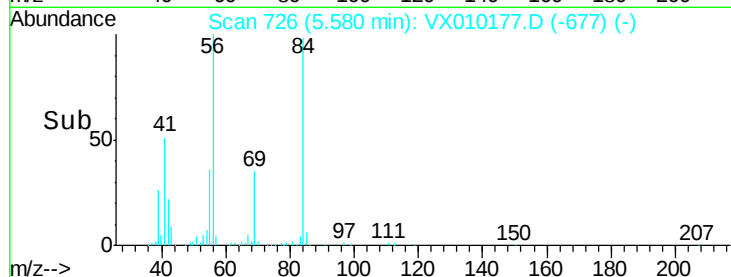
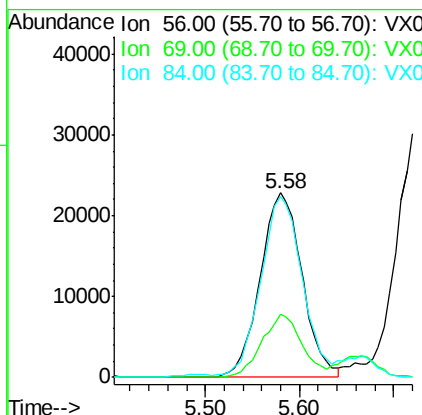
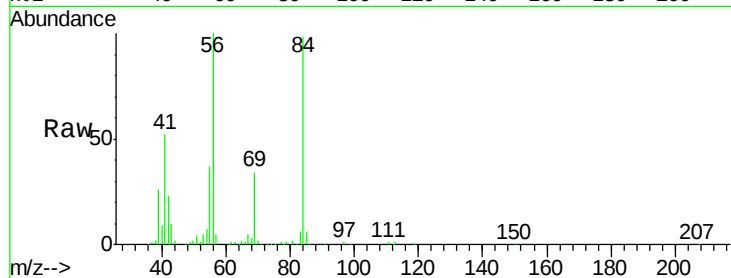
ClientSampleId :

VX0610WBSD02

Tot Ion:	56	Resp:	70974
Ion	Ratio	Lower	Upper
56	100		
69	34.4	21.6	32.4#
84	96.9	56.8	85.2#

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#32

1,1,1-Trichloroethane

Concen: 17.547 ug/l

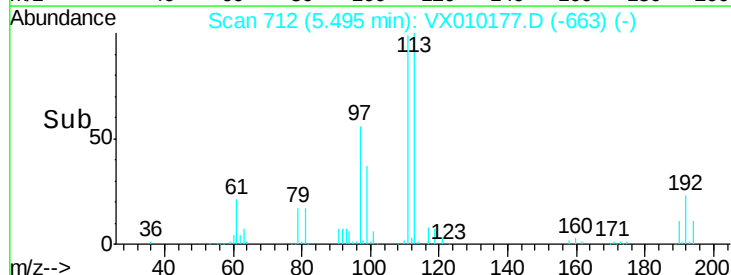
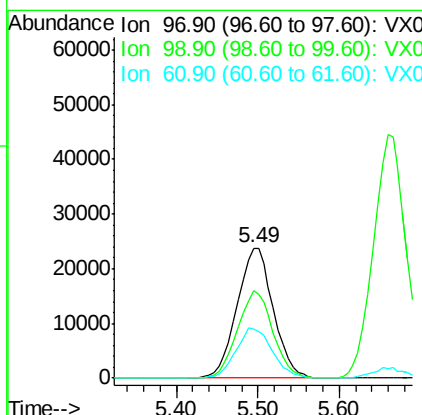
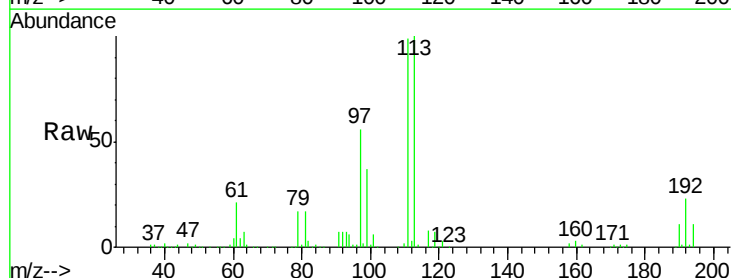
RT: 5.49 min Scan# 712

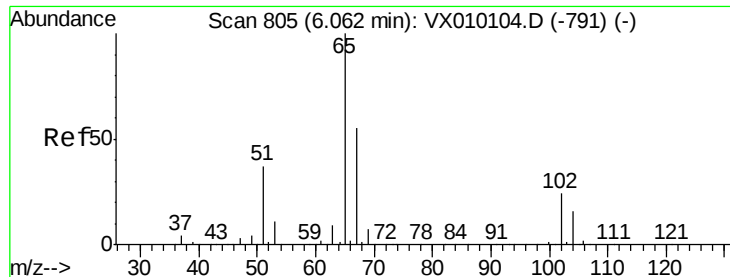
Delta R.T. -0.00 min

Lab File: VX010177.D

Acq: 10 Jun 2019 14:59

Tgt Ion:	97	Resp:	72830
Ion	Ratio	Lower	Upper
97	100		
99	65.8	51.0	76.4
61	38.9	38.7	58.1





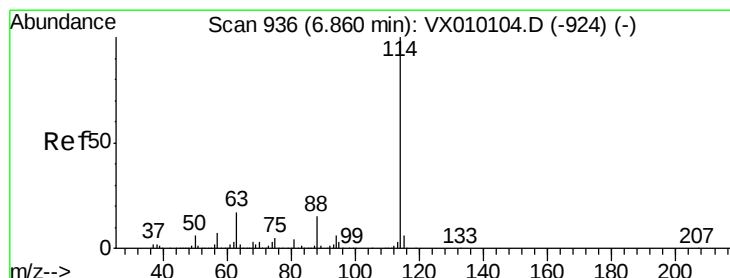
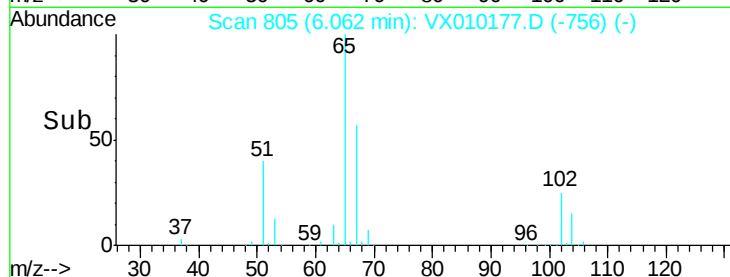
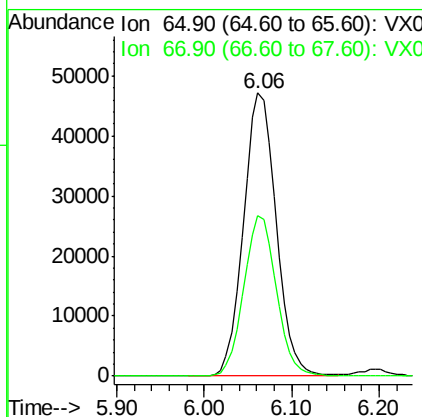
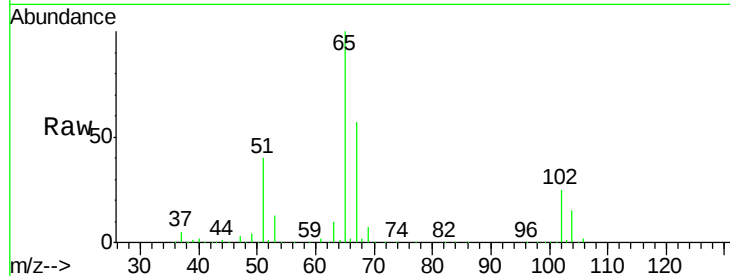
#33
 1,2-Dichloroethane-d4
 Concen: 46.516 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010177.D
 Acq: 10 Jun 2019 14:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0610WBSD02

Tot Ion	Ratio	Lower	Upper
65	100		
67	56.6	0.0	108.4

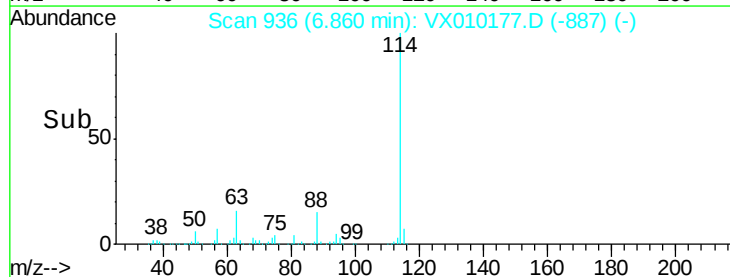
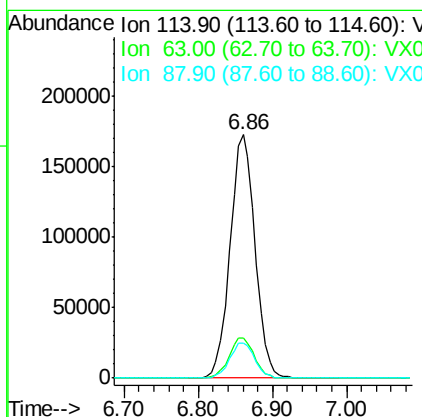
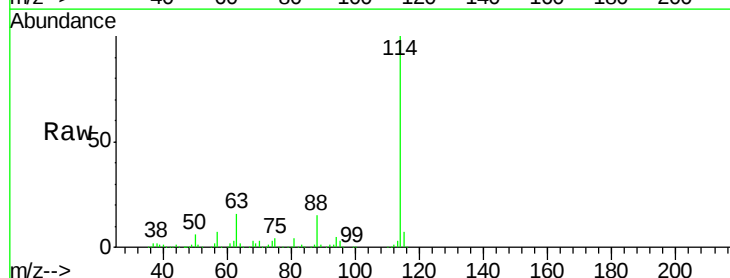
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX010177.D
 Acq: 10 Jun 2019 14:59

Tgt Ion	Ratio	Lower	Upper
114	100		
63	16.4	0.0	47.4
88	14.6	0.0	33.0





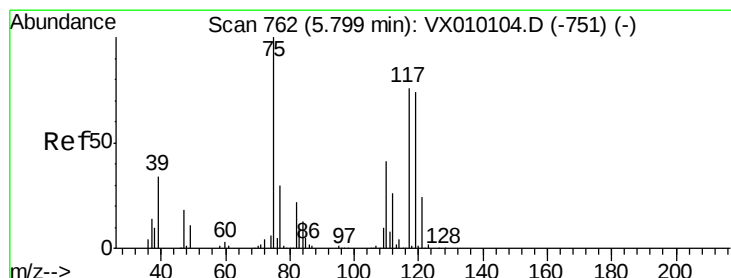
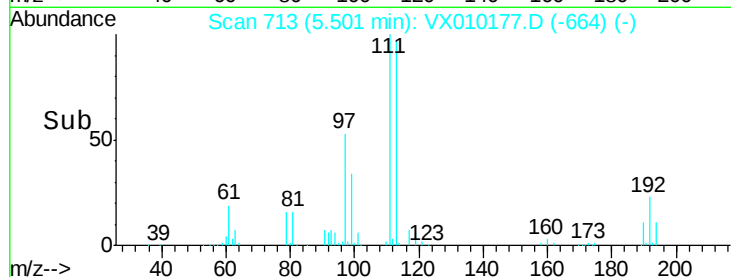
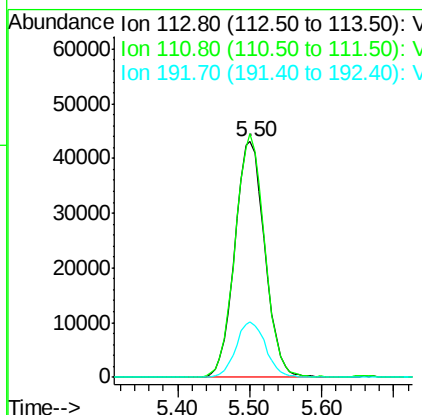
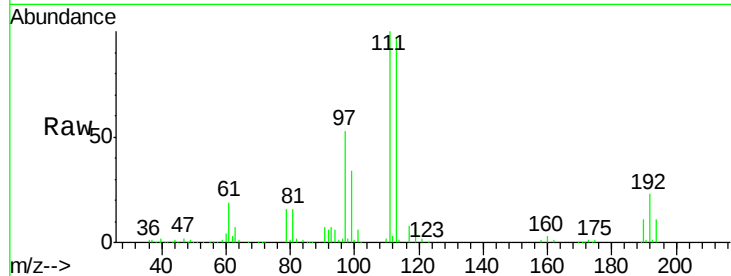
#35
Dibromofluoromethane
Concen: 50.205 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX010177.D
Acq: 10 Jun 2019 14:59

Instrument :
MSVOA_X
ClientSampleId :
VX0610WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
113	100	125064		
111	101.1	82.2	123.2	
192	23.2	17.1	25.7	

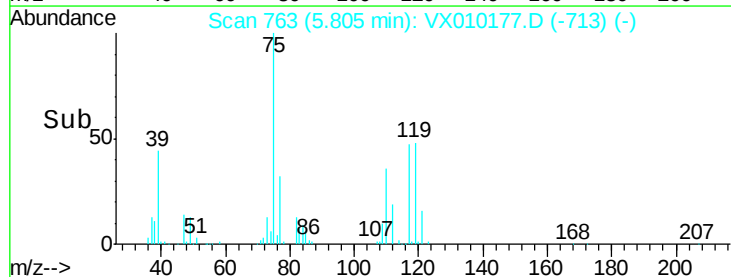
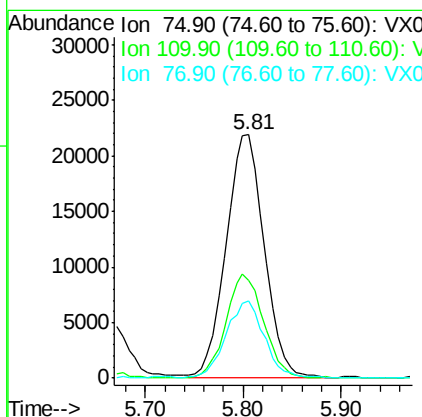
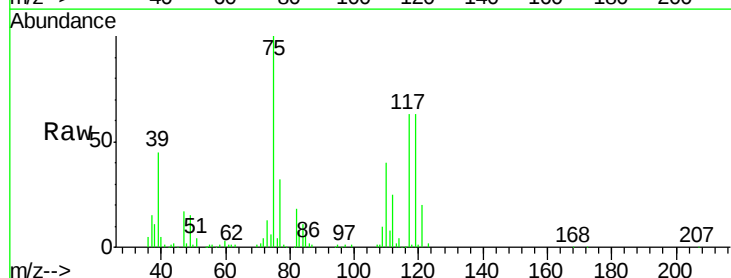
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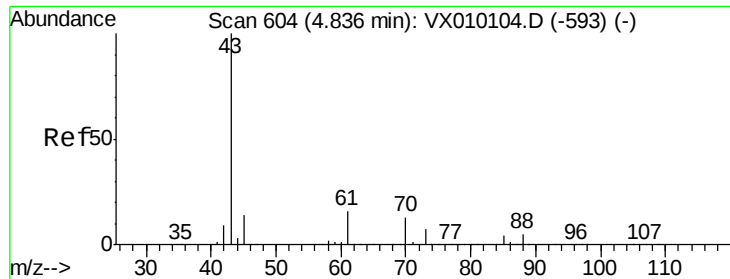
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#36
1,1-Dichloropropene
Concen: 18.012 ug/l
RT: 5.81 min Scan# 763
Delta R.T. 0.01 min
Lab File: VX010177.D
Acq: 10 Jun 2019 14:59

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	59347		
110	42.3	16.7	50.1	
77	32.1	25.0	37.4	





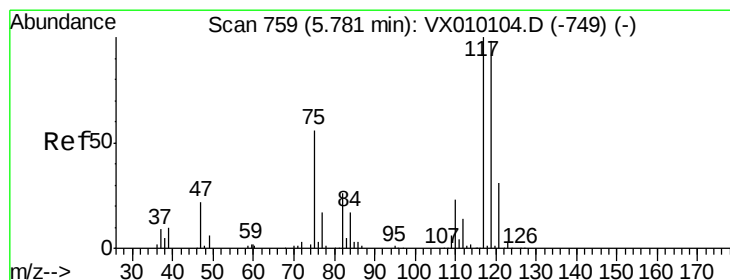
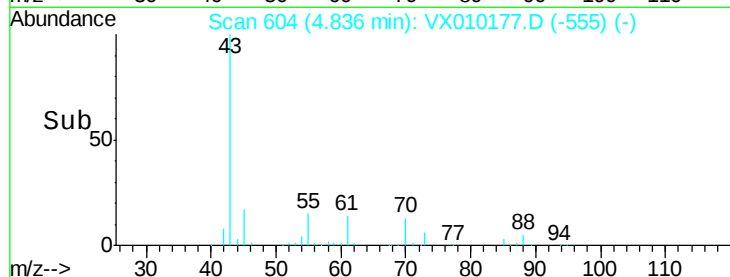
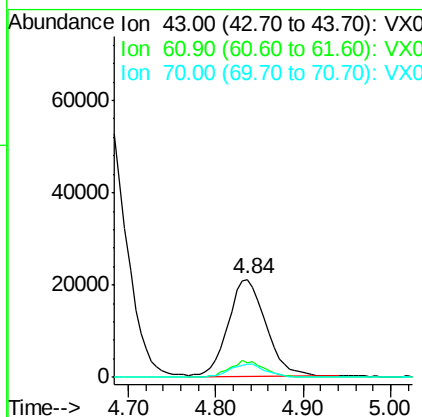
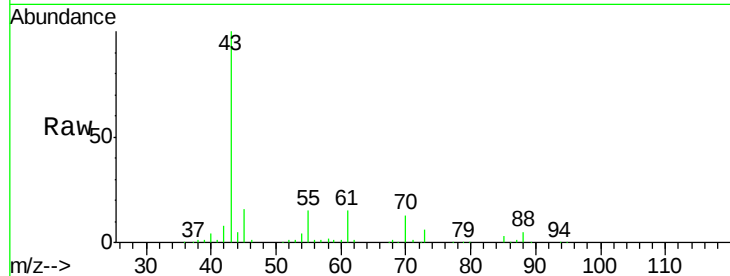
#37
Ethyl Acetate
Concen: 18.412 ug/l
RT: 4.84 min Scan# 604
Delta R.T. -0.00 min
Lab File: VX010177.D
Acq: 10 Jun 2019 14:59

Instrument :
MSVOA_X
ClientSampleId :
VX0610WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.4	10.2	15.2#
70	13.6	7.4	11.2#

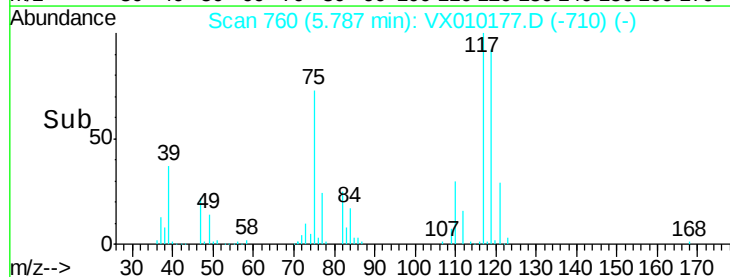
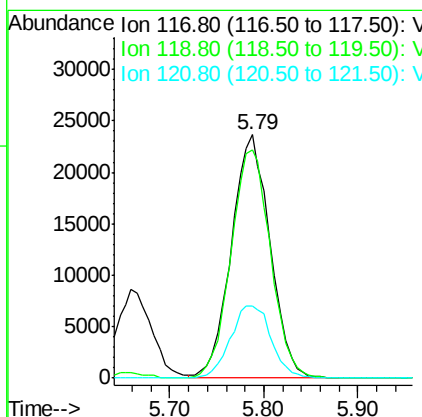
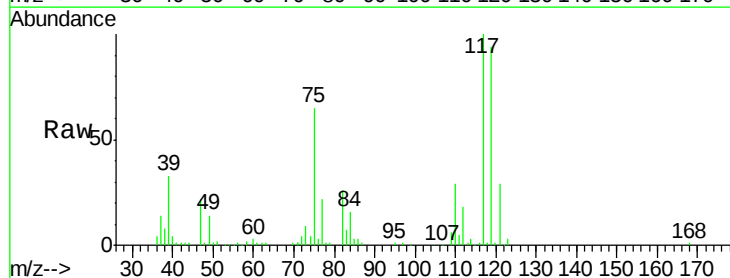
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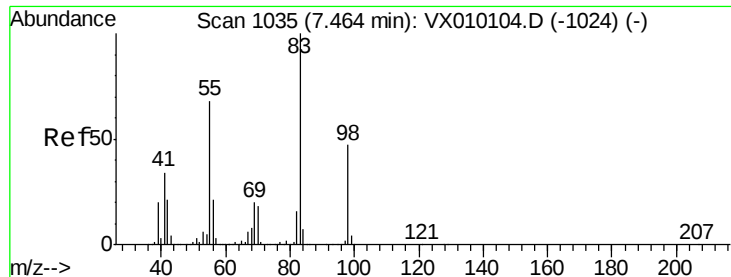
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#38
Carbon Tetrachloride
Concen: 18.138 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX010177.D
Acq: 10 Jun 2019 14:59

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.8	77.3	115.9
121	29.5	25.4	38.0





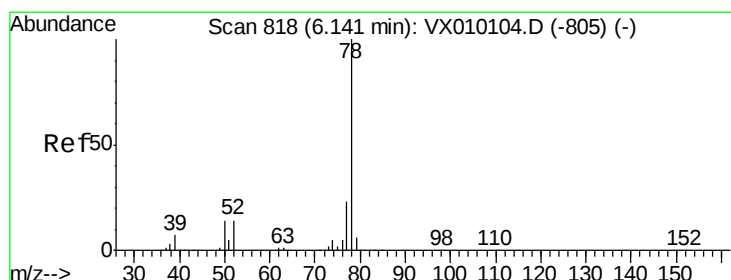
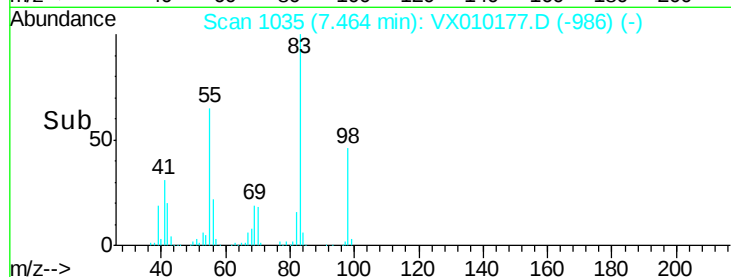
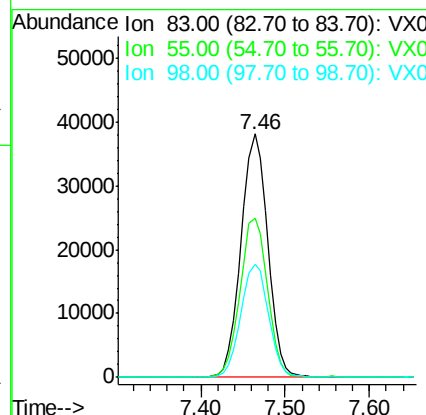
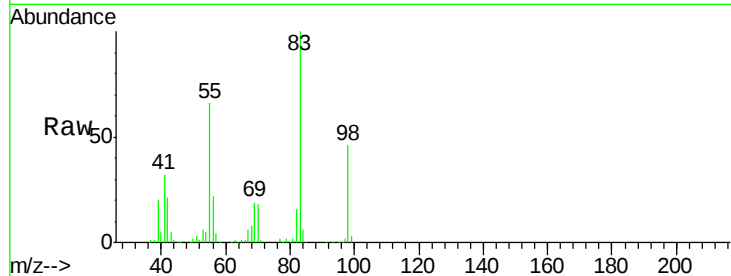
#39
Methylvlcyclohexane
Concen: 18.165 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX010177.D
Acq: 10 Jun 2019 14:59

Instrument :
MSVOA_X
ClientSampleId :
VX0610WBSD02

Tot Ion	Ratio	Lower	Upper
83	100		
55	65.5	69.9	104.9#
98	46.4	35.1	52.7

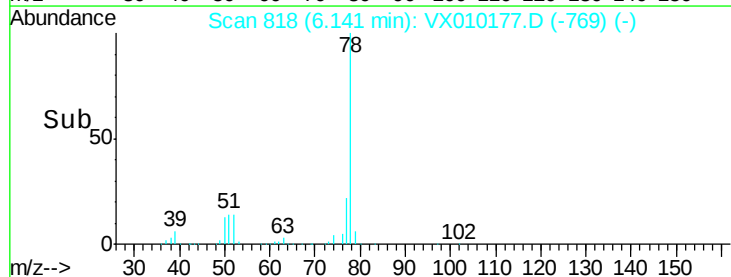
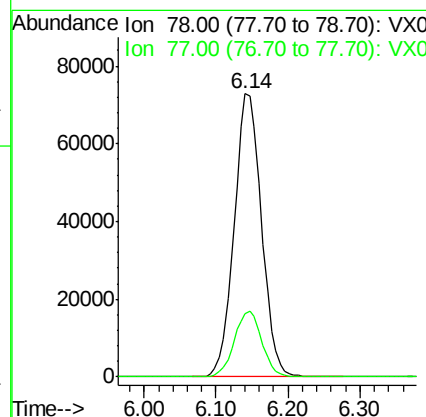
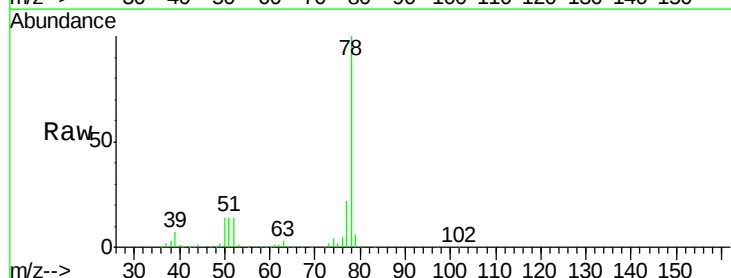
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#40
Benzene
Concen: 18.857 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX010177.D
Acq: 10 Jun 2019 14:59

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.4	19.2	28.8





#41

Methacrylonitrile

Concen: 18.114 ug/l

RT: 5.04 min Scan# 637

Delta R.T. -0.01 min

Lab File: VX010177.D

Acq: 10 Jun 2019 14:59

Instrument :

MSVOA_X

ClientSampleId :

VX0610WBSD02

Tot Ion: 41 Resp: 33590

Ion Ratio Lower Upper

41 100

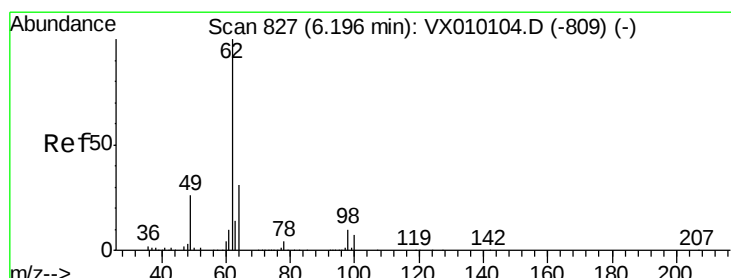
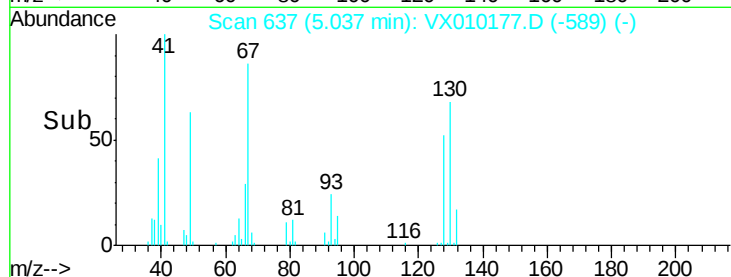
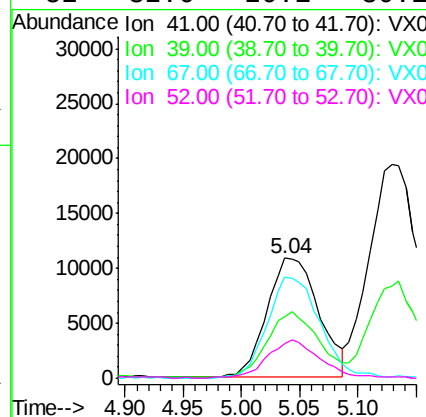
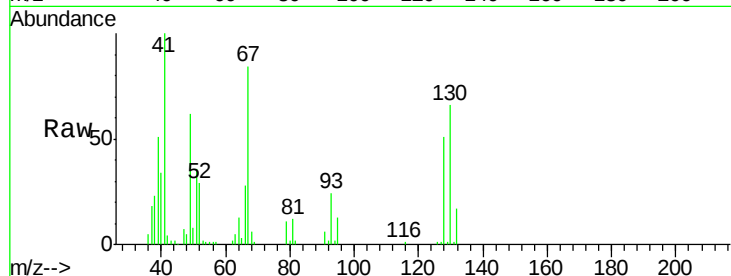
39 55.1 42.2 63.4

67 86.1 48.9 73.3#

52 32.6 20.1 30.1#

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 17.514 ug/l

RT: 6.19 min Scan# 826

Delta R.T. -0.01 min

Lab File: VX010177.D

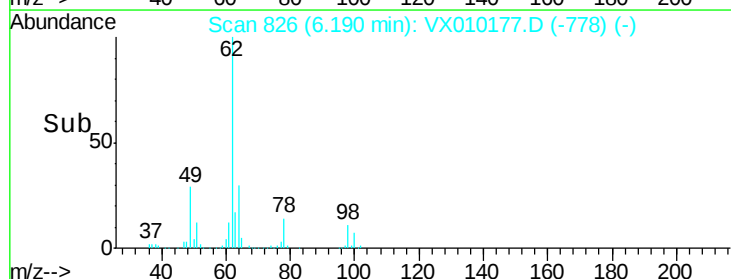
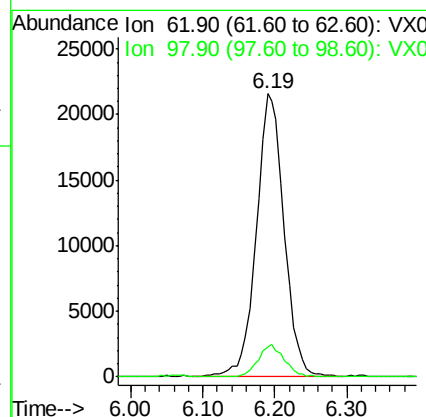
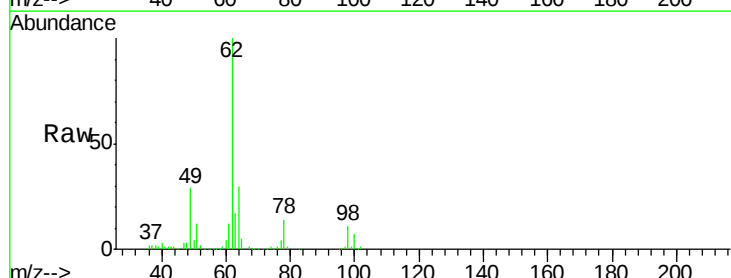
Acq: 10 Jun 2019 14:59

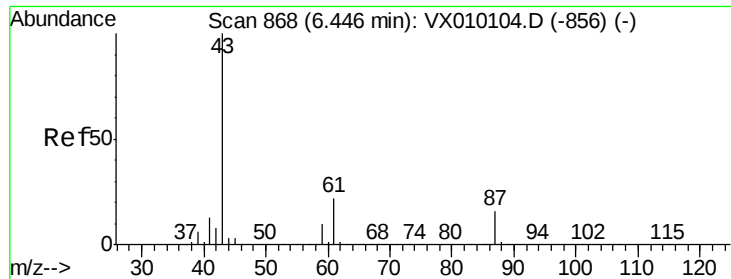
Tgt Ion: 62 Resp: 56966

Ion Ratio Lower Upper

62 100

98 11.0 0.0 17.2





#43

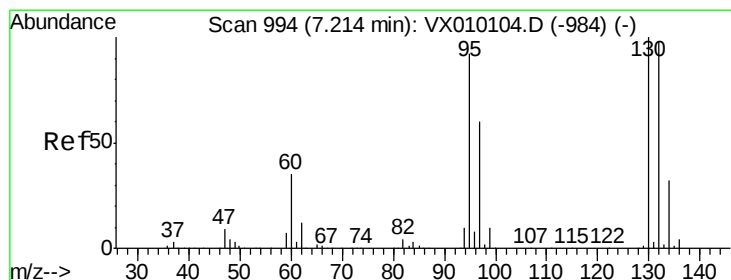
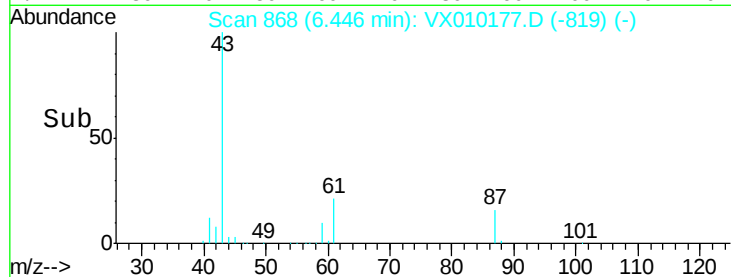
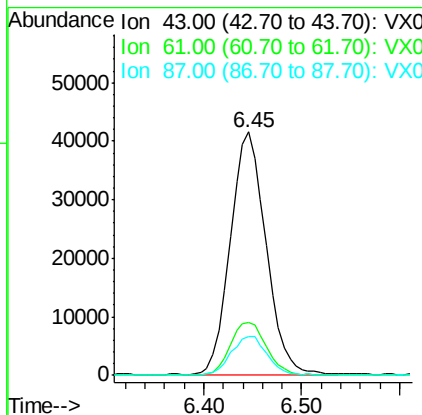
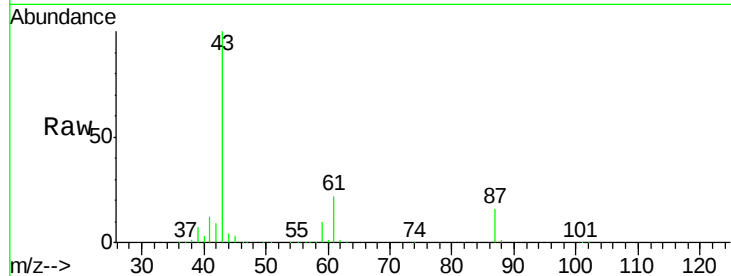
Isopropyl Acetate
 Concen: 18.234 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: VX010177.D
 Acq: 10 Jun 2019 14:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0610WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.5	14.6	21.8#
87	16.5	8.7	13.1#

Manual Integrations
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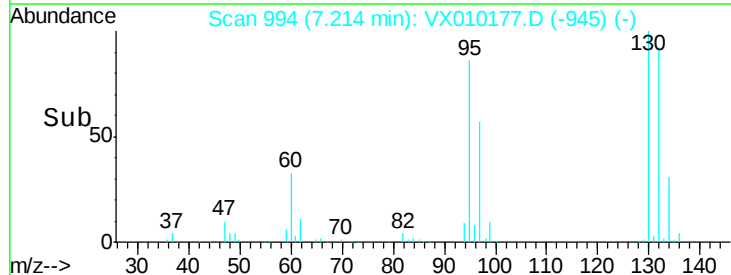
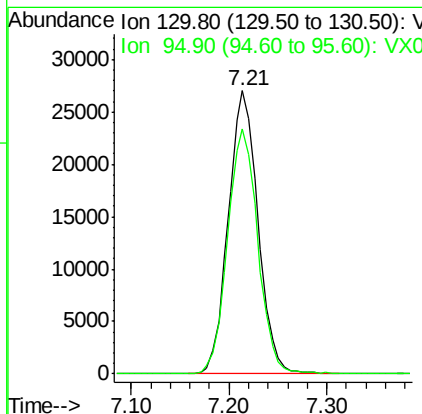
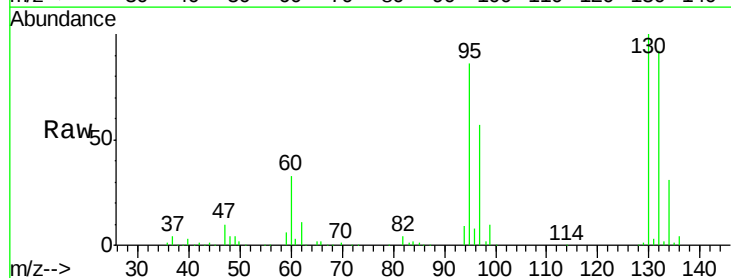
MMDadoda
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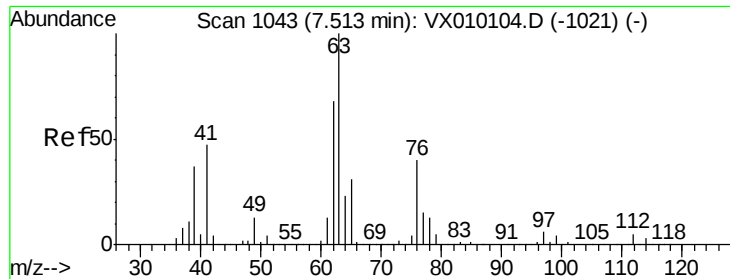


#44

Trichloroethene
 Concen: 18.543 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX010177.D
 Acq: 10 Jun 2019 14:59

Tgt Ion	Ratio	Lower	Upper
130	100		
95	86.1	0.0	207.4





#45

1,2-Dichloropropane

Concen: 19.209 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX010177.D

Acq: 10 Jun 2019 14:59

Instrument :

MSVOA_X

ClientSampleId :

VX0610WBSD02

Tot Ion: 63 Resp: 48983

Ion Ratio Lower Upper

63 100

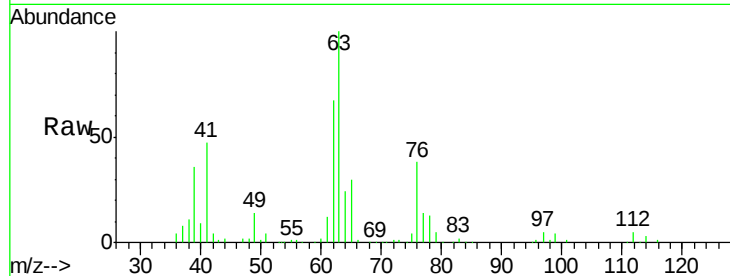
65 30.4 25.7 38.5

Manual Integrations

APPROVED

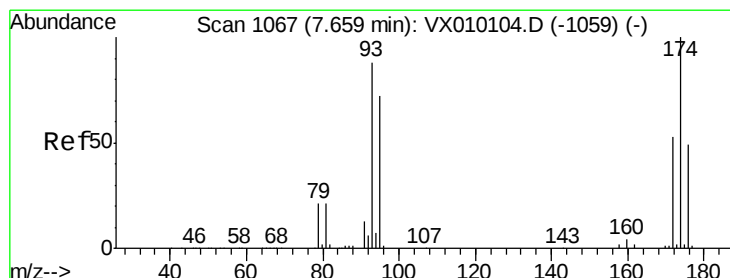
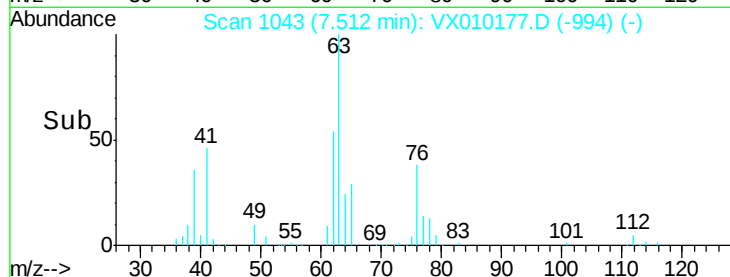
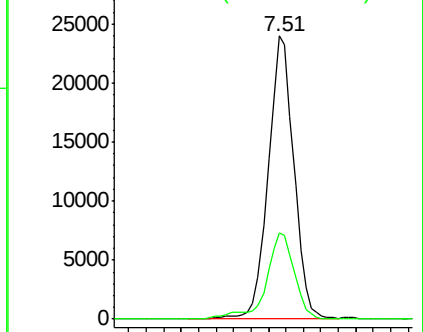
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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 17.975 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX010177.D

Acq: 10 Jun 2019 14:59

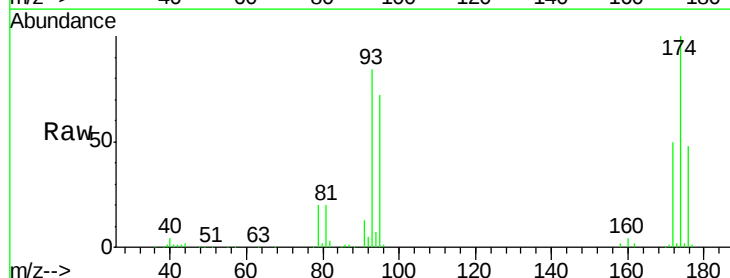
Tgt Ion: 93 Resp: 34340

Ion Ratio Lower Upper

93 100

95 85.5 66.8 100.2

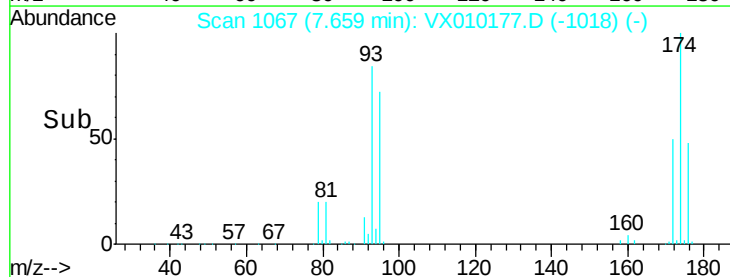
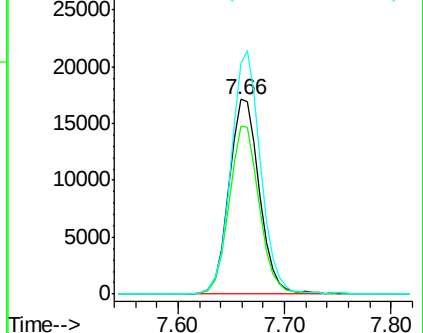
174 121.1 81.9 122.9

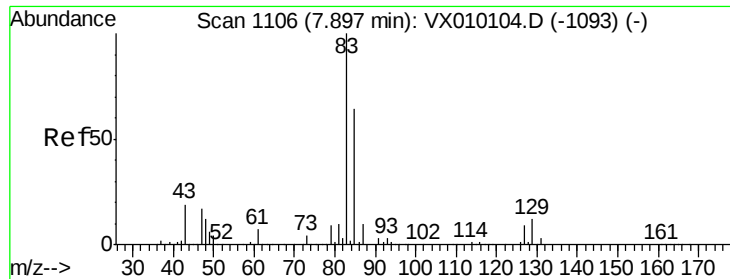


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 18.324 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX010177.D

Acq: 10 Jun 2019 14:59

Instrument :

MSVOA_X

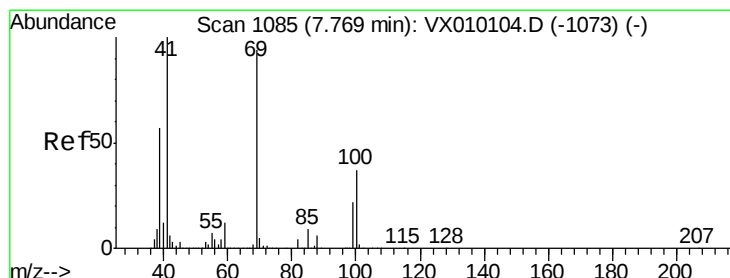
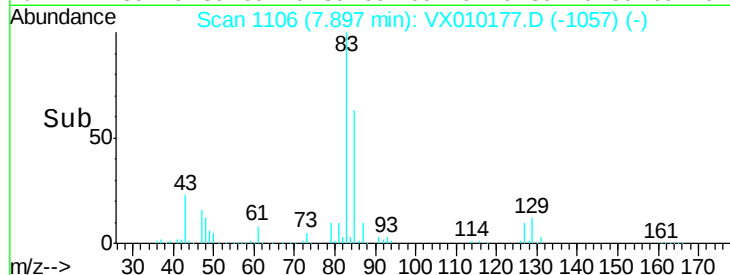
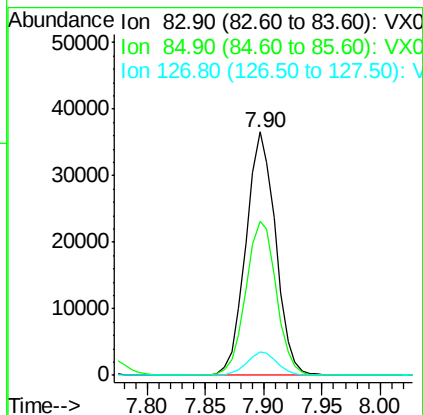
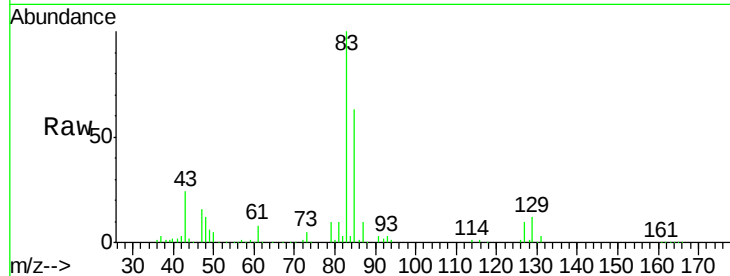
ClientSampleId :

VX0610WBSD02

Tot Ion:	83	Resp:	65412
Ion Ratio	Lower	Upper	
83	100		
85	63.4	51.4	77.2
127	9.8	6.4	9.6#

Manual Integrations
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#48

Methyl methacrylate

Concen: 18.606 ug/l

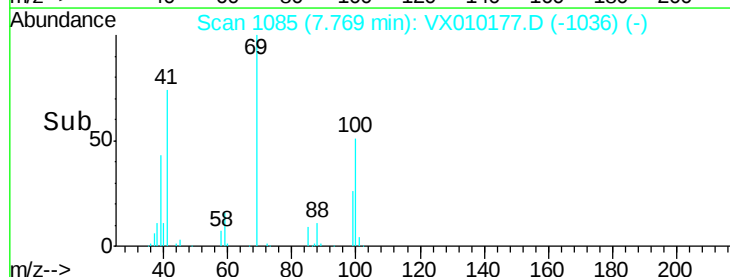
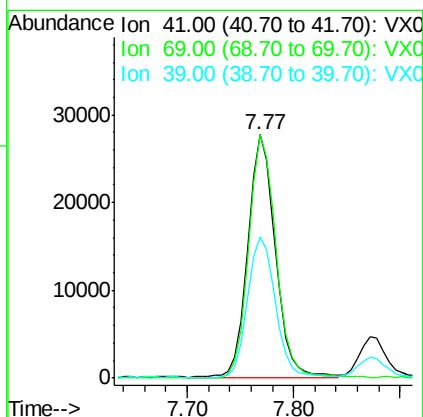
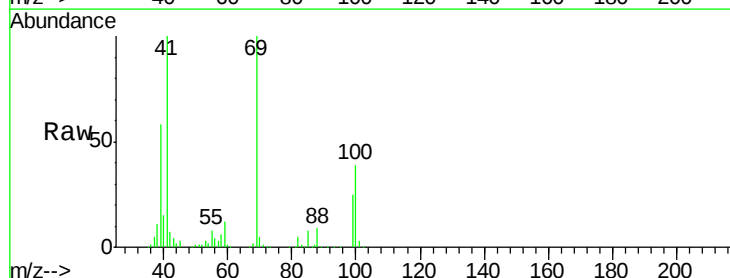
RT: 7.77 min Scan# 1085

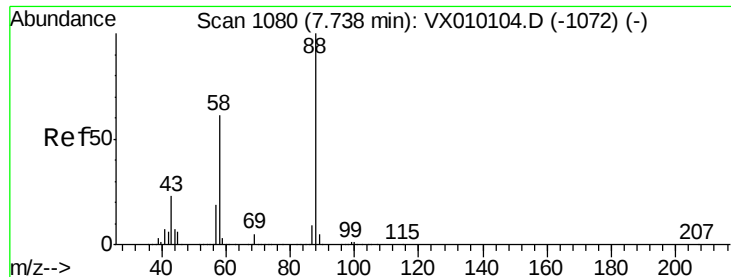
Delta R.T. -0.00 min

Lab File: VX010177.D

Acq: 10 Jun 2019 14:59

Tgt Ion:	41	Resp:	49877
Ion Ratio	Lower	Upper	
41	100		
69	100.8	56.4	84.6#
39	58.6	40.6	60.8





#49

1,4-Dioxane

Concen: 386.064 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.00 min

Lab File: VX010177.D

Acq: 10 Jun 2019 14:59

Instrument :

MSVOA_X

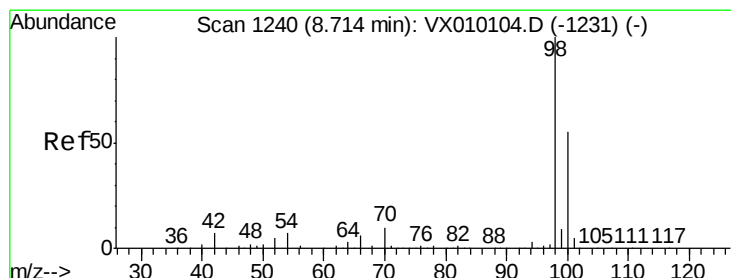
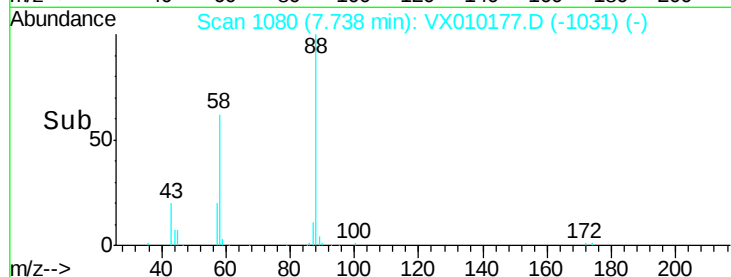
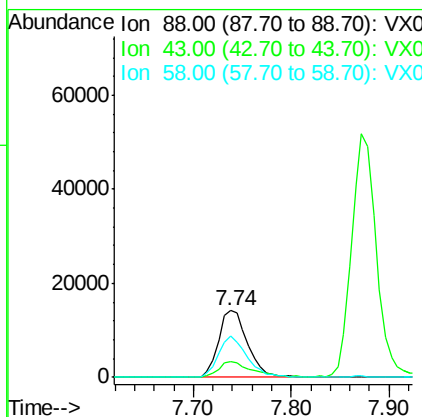
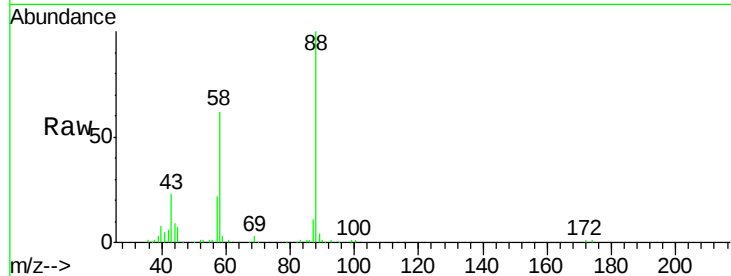
ClientSampleId :

VX0610WBSD02

Tot Ion:	88	Resp:	29506
Ion	Ratio	Lower	Upper
88	100		
43	25.4	30.2	45.4#
58	61.1	64.0	96.0#

Manual Integrations
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#50

Toluene-d8

Concen: 52.042 ug/l

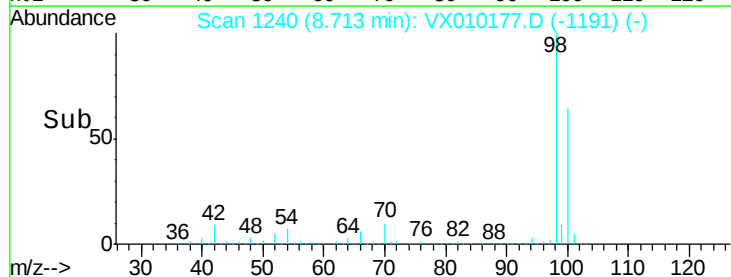
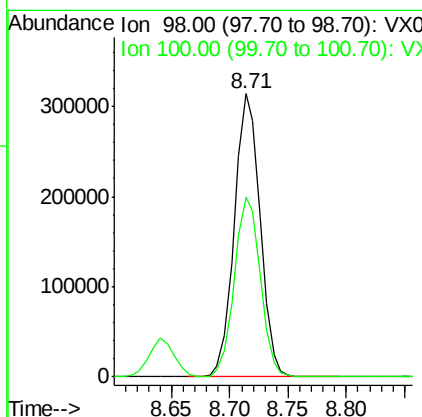
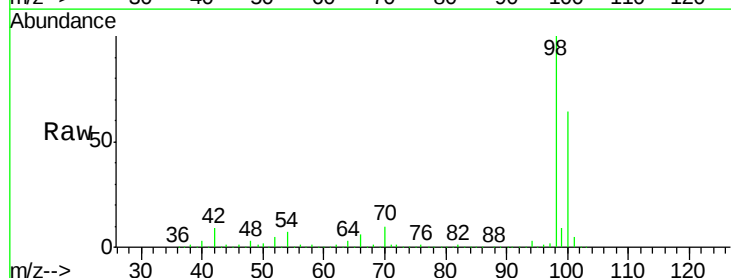
RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010177.D

Acq: 10 Jun 2019 14:59

Tgt Ion:	98	Resp:	485871
Ion	Ratio	Lower	Upper
98	100		
100	63.7	51.5	77.3





#51

4-Methyl-2-Pentanone

Concen: 99.754 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX010177.D

Acq: 10 Jun 2019 14:59

Instrument :

MSVOA_X

ClientSampleId :

VX0610WBSD02

Tot Ion: 43 Resp: 341578

Ion Ratio Lower Upper

43 100

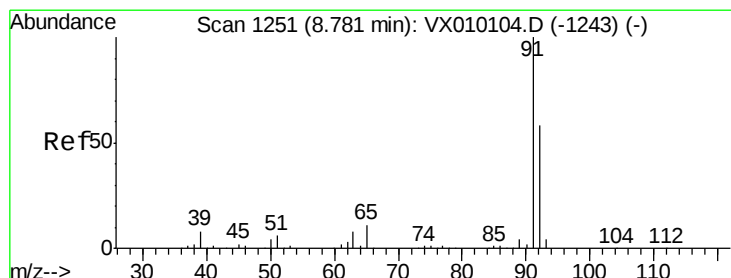
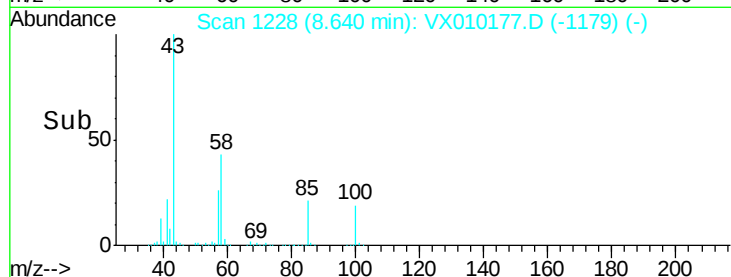
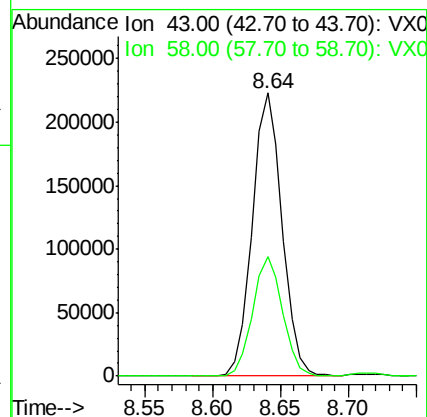
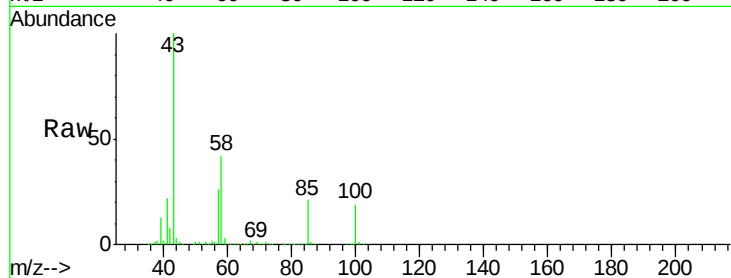
58 42.3 28.8 43.2

Manual Integrations

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#52

Toluene

Concen: 18.786 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX010177.D

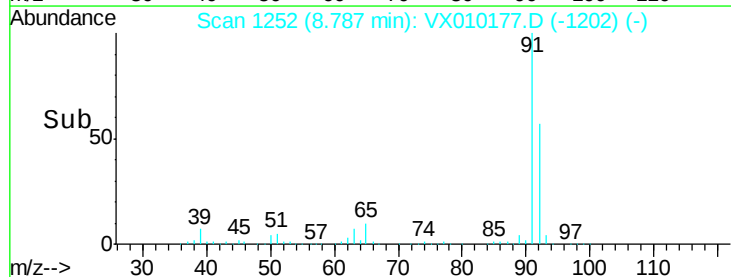
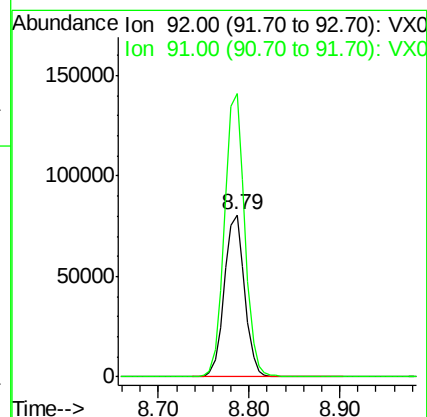
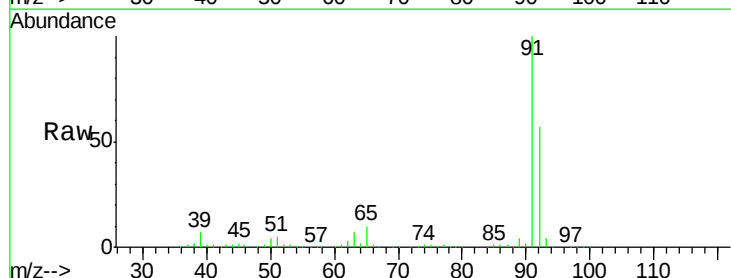
Acq: 10 Jun 2019 14:59

Tgt Ion: 92 Resp: 125811

Ion Ratio Lower Upper

92 100

91 174.0 139.9 209.9





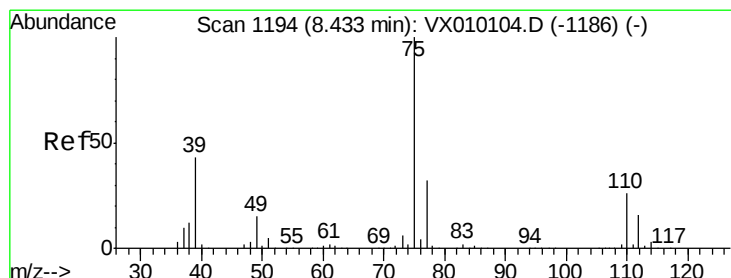
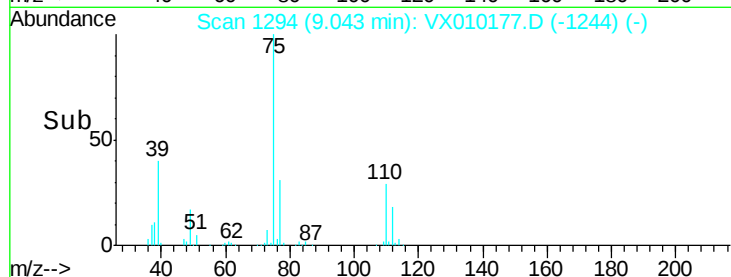
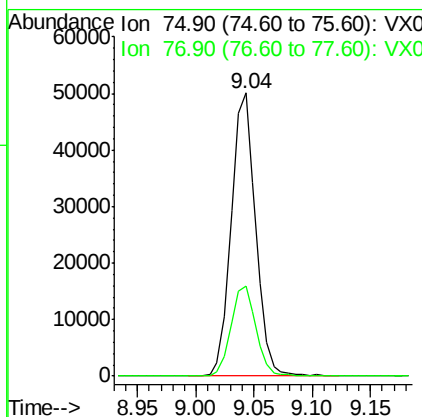
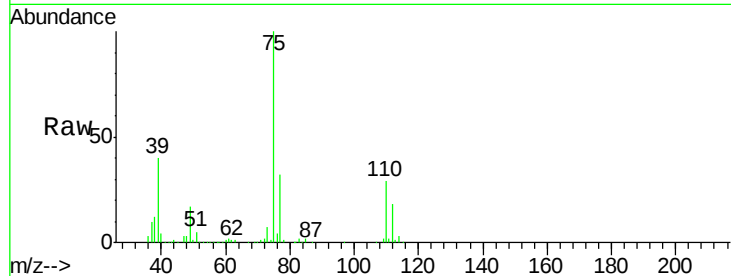
#53
t-1,3-Dichloropropene
Concen: 17.729 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.01 min
Lab File: VX010177.D
Acq: 10 Jun 2019 14:59

Instrument :
MSVOA_X
ClientSampleId :
VX0610WBSD02

Tot Ion: 75 Resp: 73206
Ion Ratio Lower Upper
75 100
77 31.5 24.6 36.8

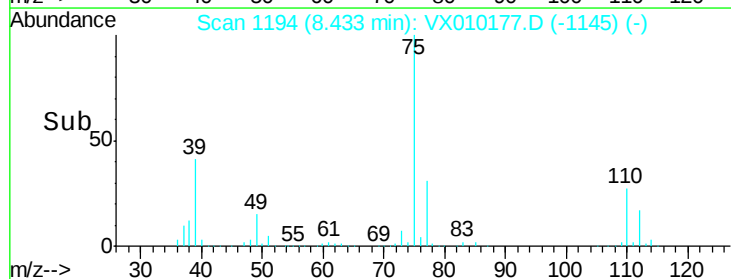
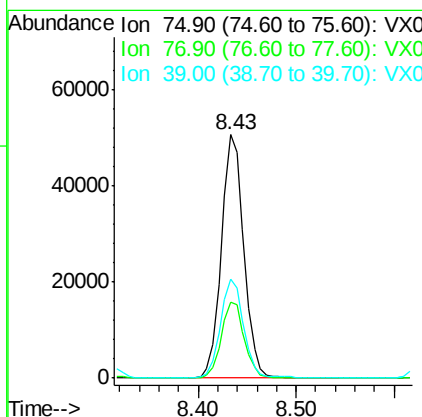
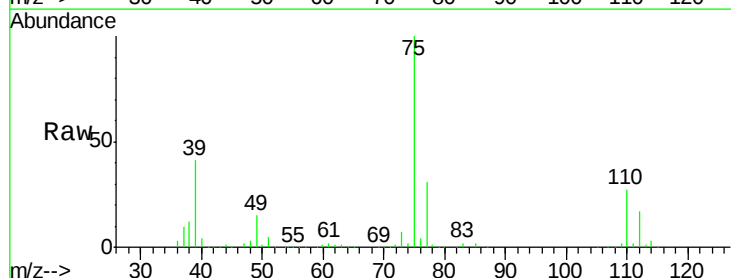
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#54
cis-1,3-Dichloropropene
Concen: 18.219 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX010177.D
Acq: 10 Jun 2019 14:59

Tgt Ion: 75 Resp: 80648
Ion Ratio Lower Upper
75 100
77 31.1 24.8 37.2
39 40.5 43.4 65.0#





#55

1,1,2-Trichloroethane

Concen: 19.228 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX010177.D

Acq: 10 Jun 2019 14:59

Instrument :

MSVOA_X

ClientSampleId :

VX0610WBSD02

Tot Ion: 97 Resp: 52739

Ion Ratio Lower Upper

97 100

83 86.9 69.8 104.8

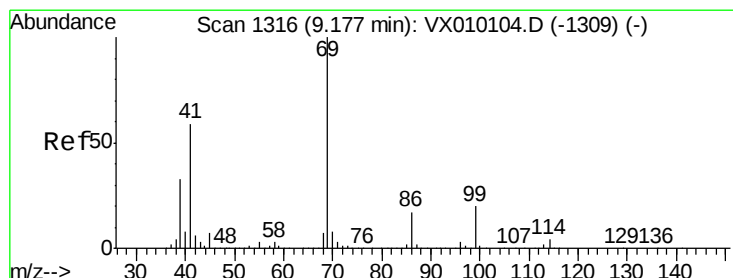
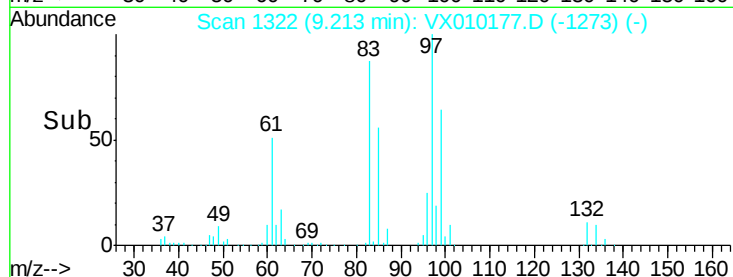
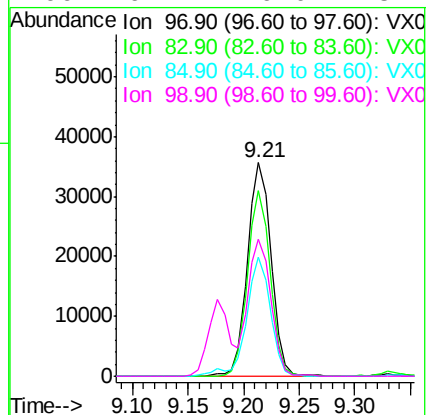
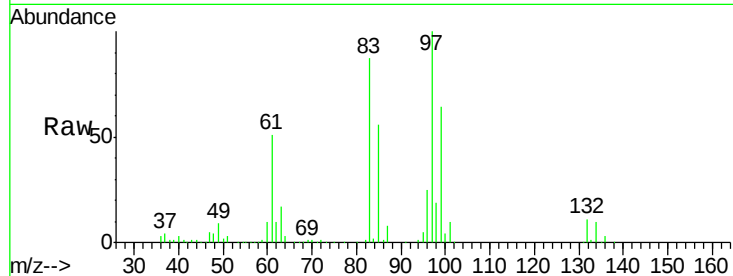
85 55.5 45.3 67.9

99 64.1 49.0 73.4

Manual Integrations
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#56

Ethyl methacrylate

Concen: 19.055 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX010177.D

Acq: 10 Jun 2019 14:59

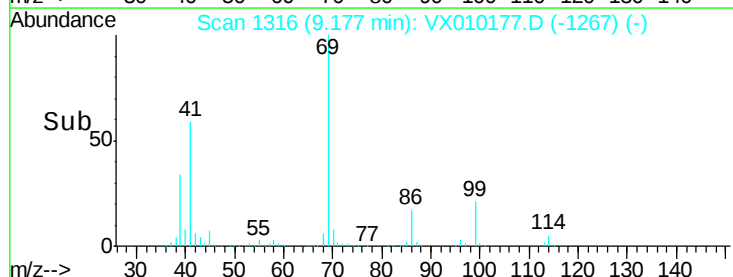
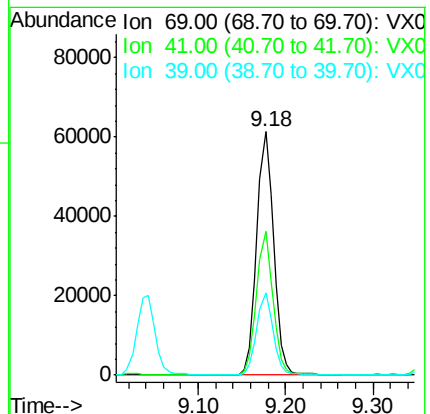
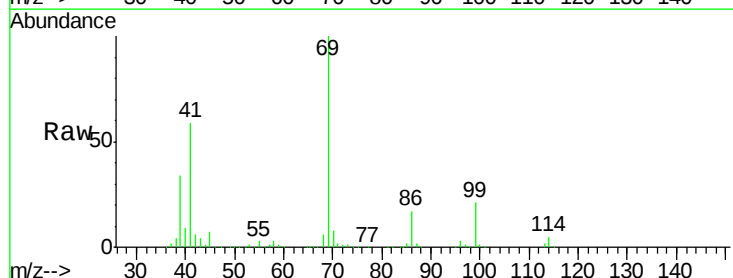
Tgt Ion: 69 Resp: 82559

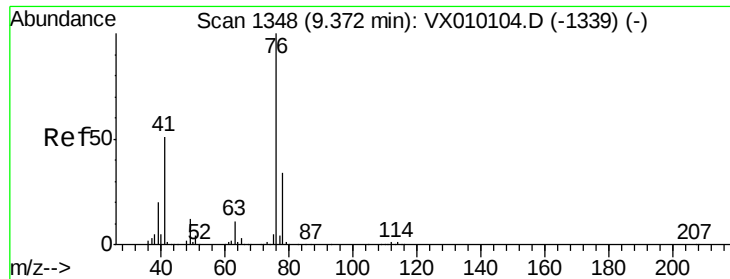
Ion Ratio Lower Upper

69 100

41 56.8 62.7 94.1#

39 32.1 29.5 44.3





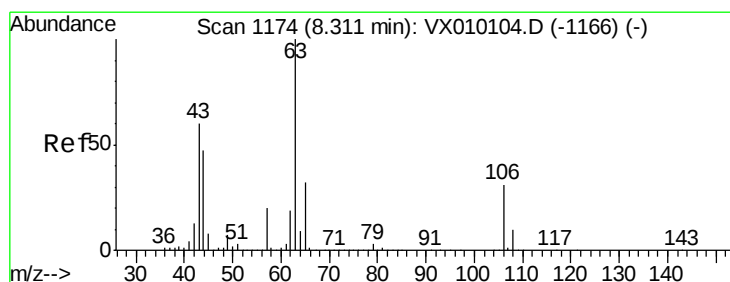
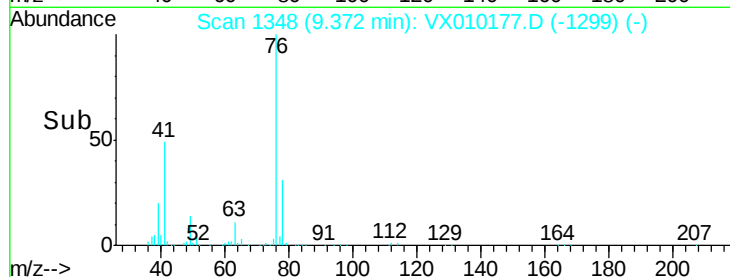
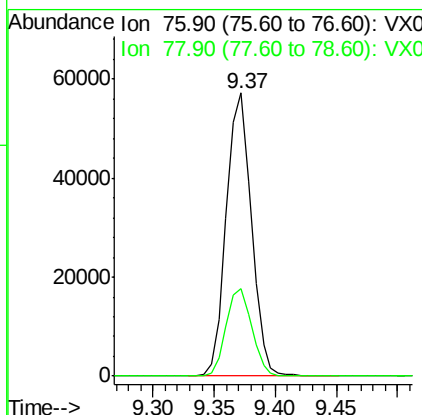
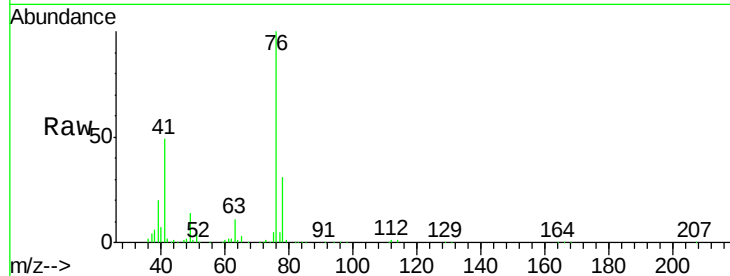
#57
 1,3-Dichloropropane
 Concen: 18.930 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX010177.D
 Acq: 10 Jun 2019 14:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0610WBSD02

Tot Ion: 76 Resp: 81742
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.4 38.0

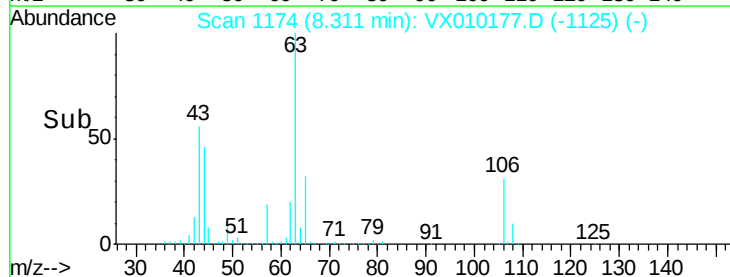
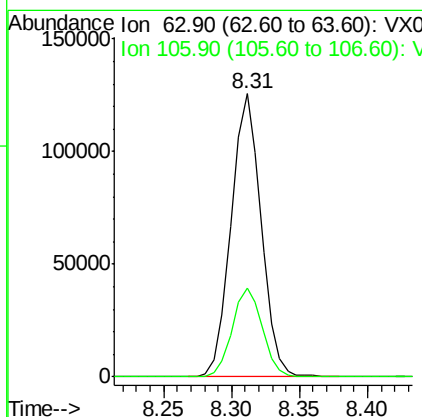
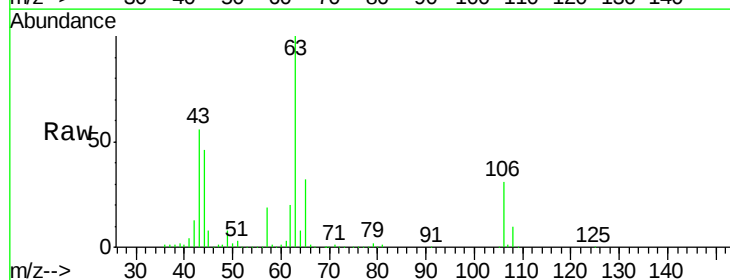
Manual Integrations
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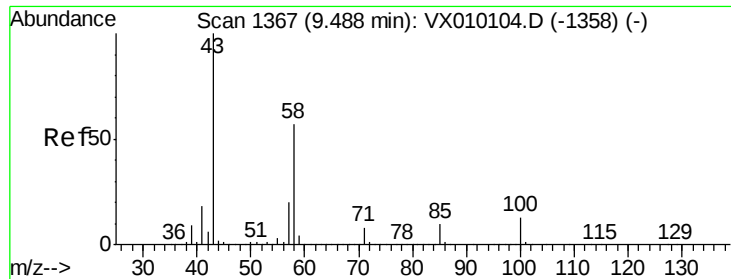
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 6/11/2019 11:54:08 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 94.532 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX010177.D
 Acq: 10 Jun 2019 14:59

Tgt Ion: 63 Resp: 193083
 Ion Ratio Lower Upper
 63 100
 106 31.5 19.4 29.2#





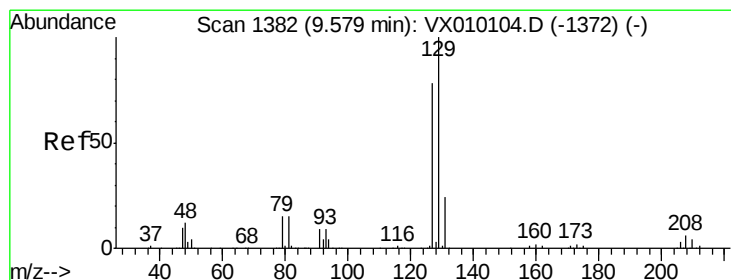
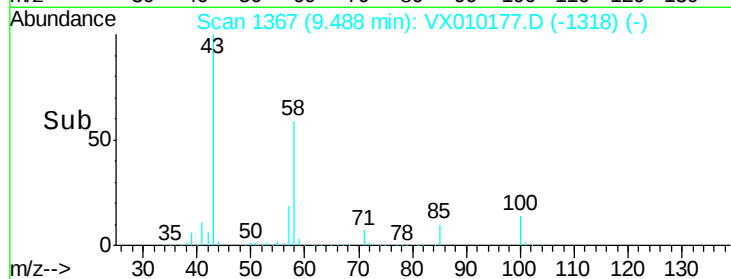
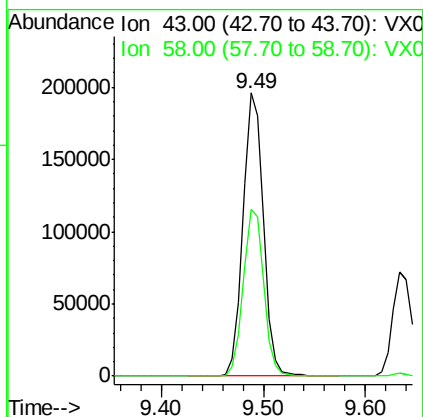
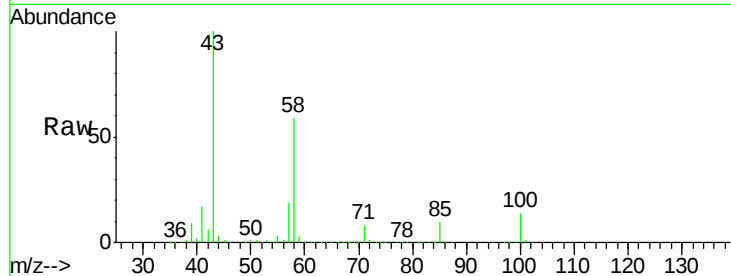
#59
2-Hexanone
Concen: 98.523 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX010177.D
Acq: 10 Jun 2019 14:59

Instrument :
MSVOA_X
ClientSampleId :
VX0610WBSD02

Tot Ion: 43 Resp: 268985
Ion Ratio Lower Upper
43 100
58 59.6 25.1 75.3

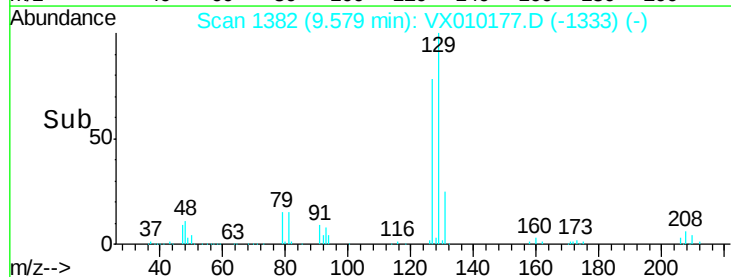
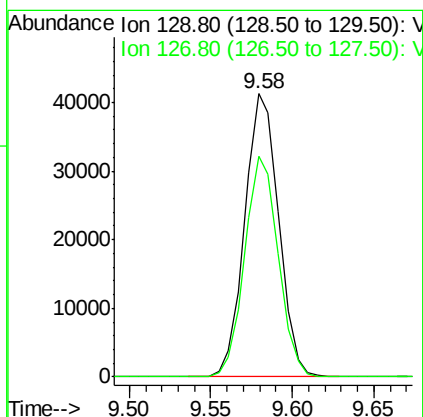
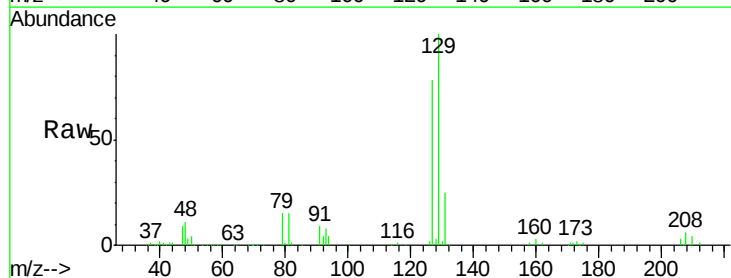
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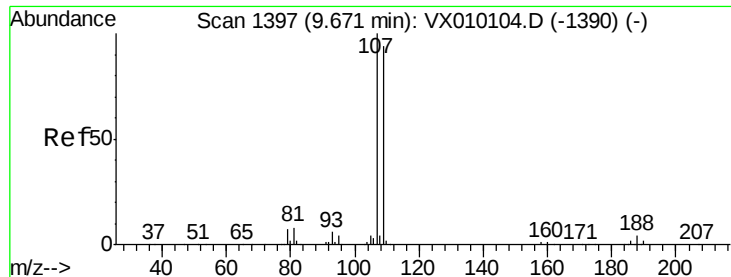
MMDadoda
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#60
Dibromochloromethane
Concen: 18.474 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX010177.D
Acq: 10 Jun 2019 14:59

Tgt Ion: 129 Resp: 59934
Ion Ratio Lower Upper
129 100
127 77.1 38.5 115.5





#61

1,2-Dibromoethane

Concen: 18.601 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX010177.D

Acq: 10 Jun 2019 14:59

Instrument :

MSVOA_X

ClientSampleId :

VX0610WBSD02

Tot Ion:107 Resp: 56823

Ion Ratio Lower Upper

107 100

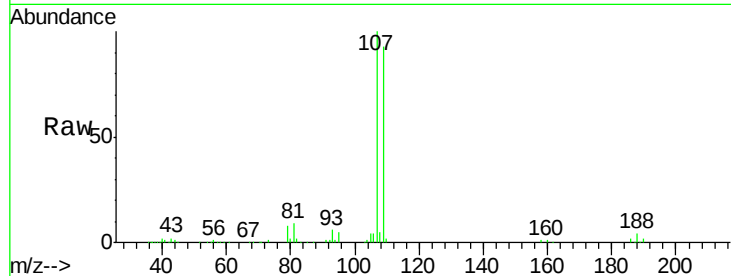
109 94.4 75.4 113.2

Manual Integrations

APPROVED

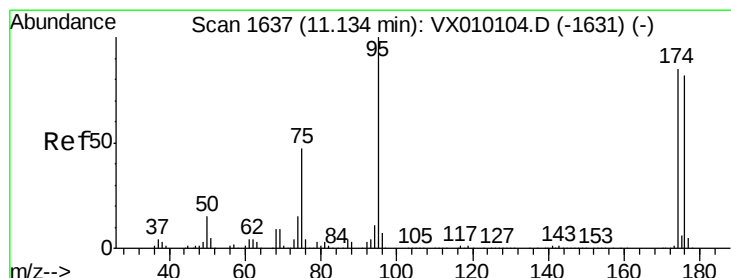
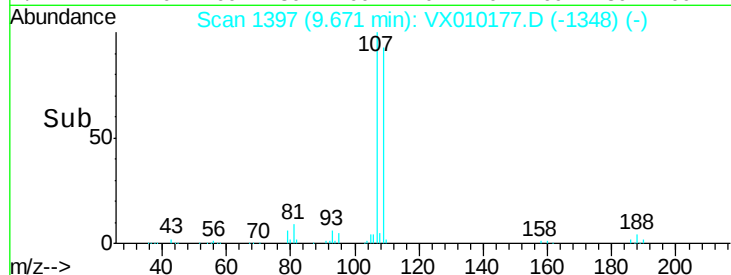
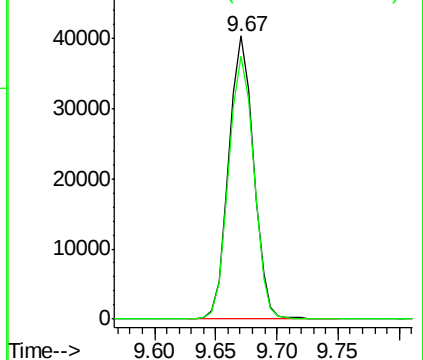
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.967 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010177.D

Acq: 10 Jun 2019 14:59

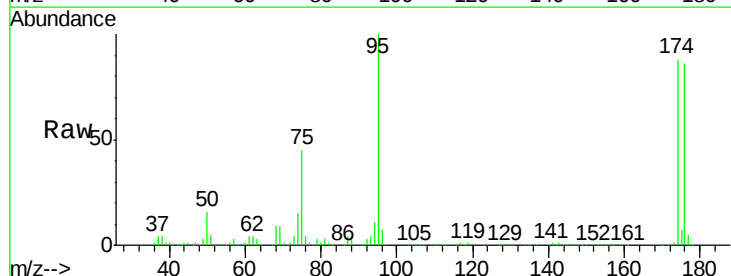
Tgt Ion: 95 Resp: 174216

Ion Ratio Lower Upper

95 100

174 92.3 0.0 160.4

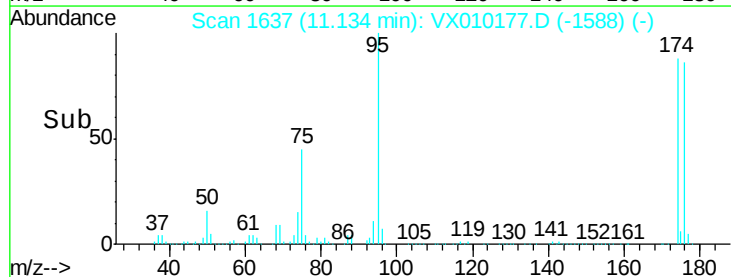
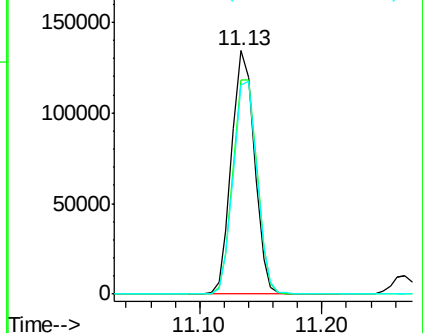
176 90.2 0.0 154.6

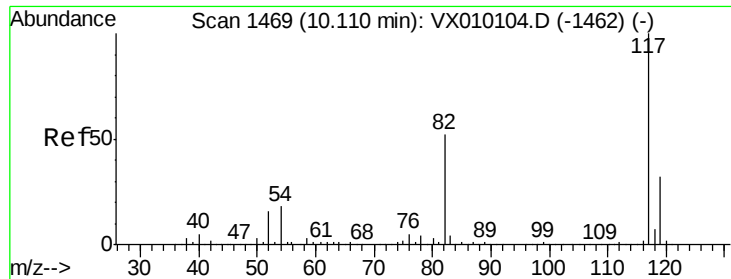


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX010177.D

Acq: 10 Jun 2019 14:59

Instrument :

MSVOA_X

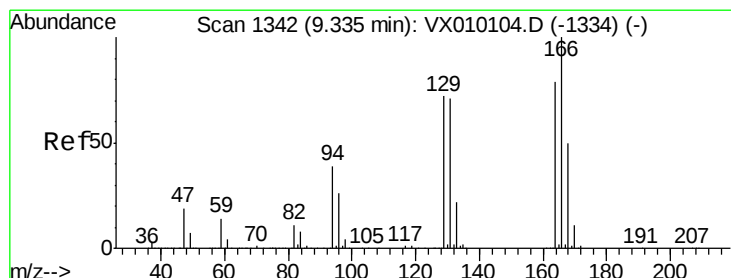
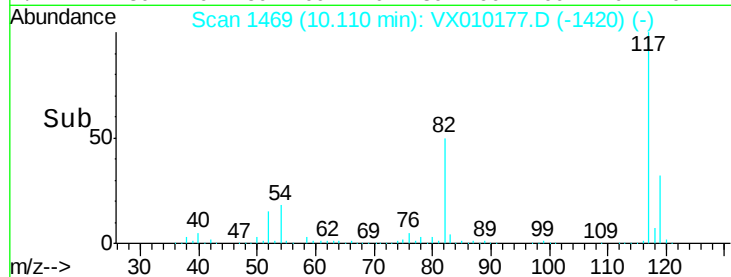
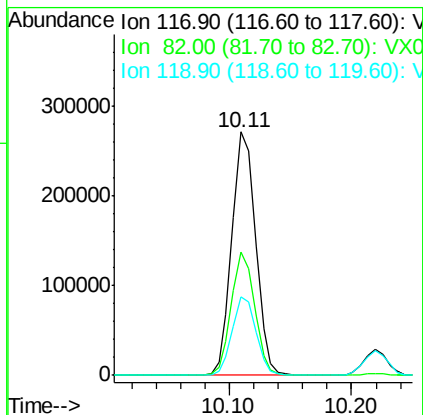
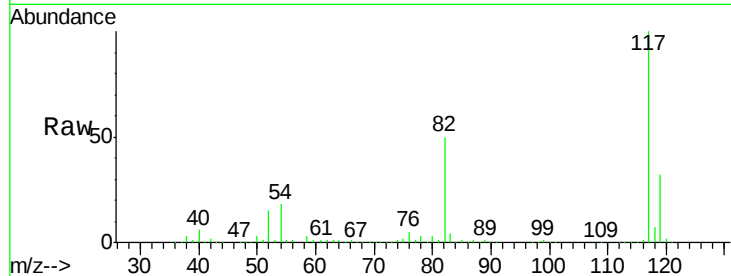
ClientSampleId :

VX0610WBSD02

Tot Ion:	117	Resp:	365496
Ion Ratio	Lower	Upper	
117	100		
82	50.4	49.2	73.8
119	32.0	25.2	37.8

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#64

Tetrachloroethene

Concen: 18.828 ug/l

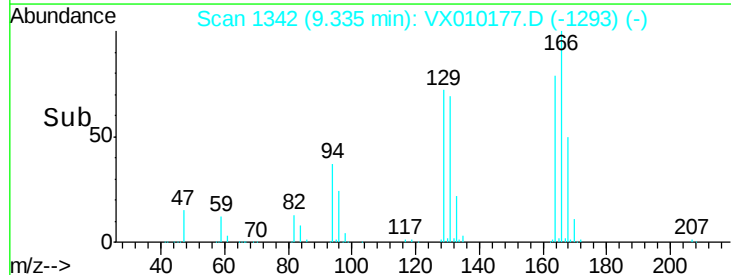
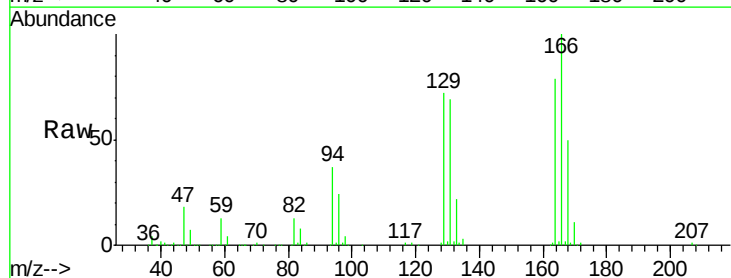
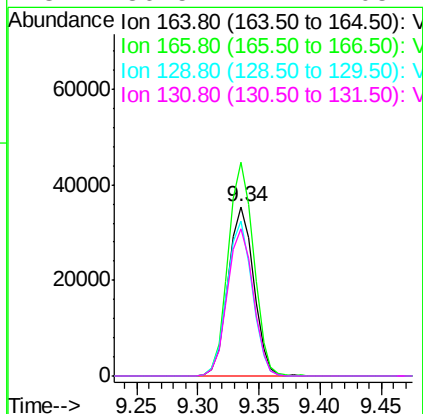
RT: 9.34 min Scan# 1342

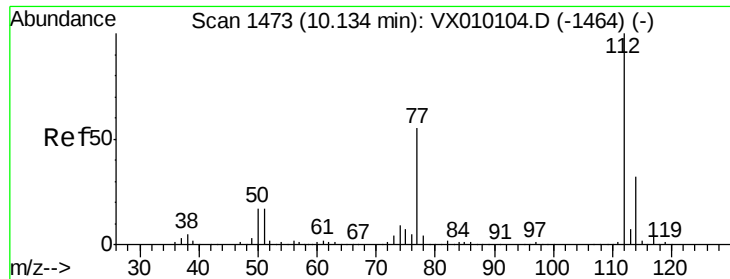
Delta R.T. -0.00 min

Lab File: VX010177.D

Acq: 10 Jun 2019 14:59

Tgt Ion:	164	Resp:	51110
Ion Ratio	Lower	Upper	
164	100		
166	126.1	105.0	157.4
129	91.4	75.1	112.7
131	86.5	72.2	108.4





#65

Chlorobenzene

Concen: 18.666 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.01 min

Lab File: VX010177.D

Acq: 10 Jun 2019 14:59

Instrument :

MSVOA_X

ClientSampled :

VX0610WBSD02

Tot Ion:112 Resp: 140811

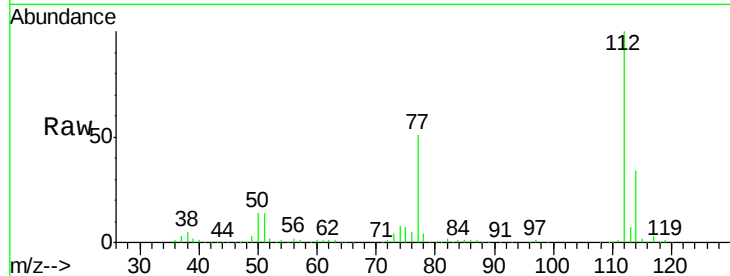
Ion Ratio Lower Upper

112 100

114 34.0 25.8 38.8

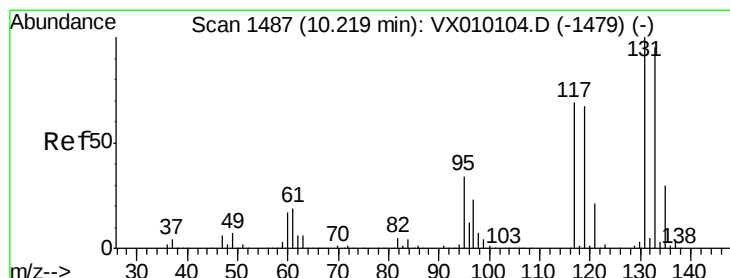
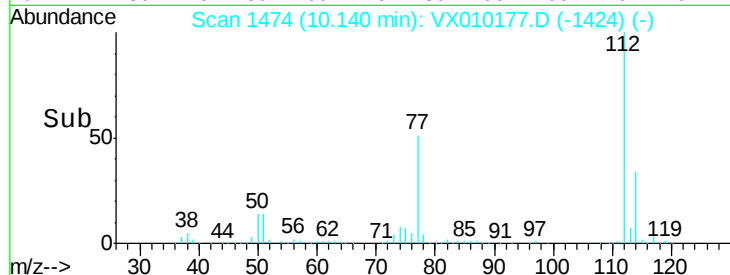
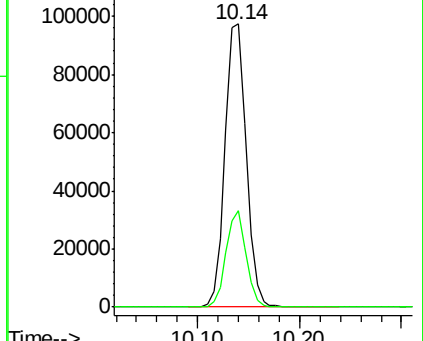
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 18.508 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX010177.D

Acq: 10 Jun 2019 14:59

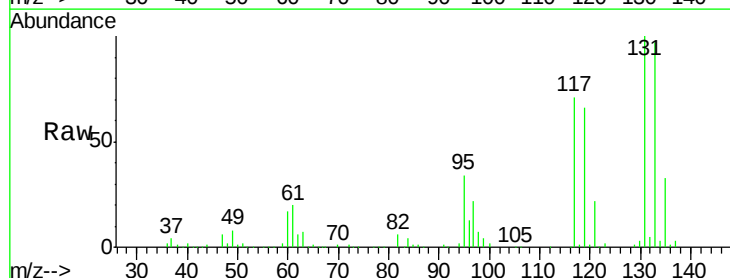
Tgt Ion:131 Resp: 53692

Ion Ratio Lower Upper

131 100

133 96.8 47.5 142.6

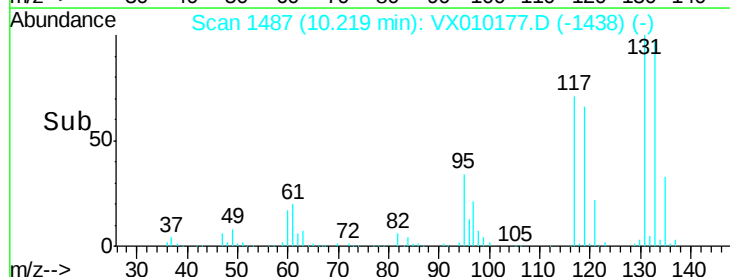
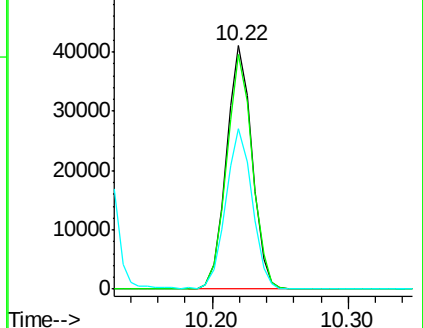
119 68.1 33.4 100.1

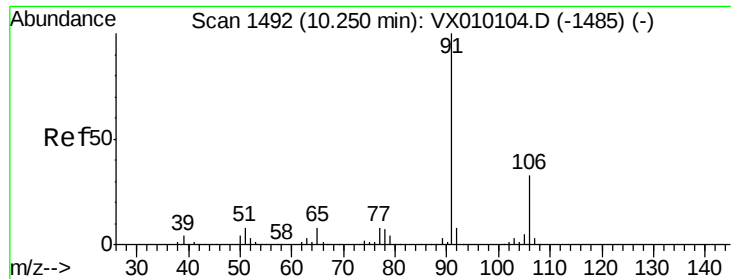


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 18.969 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX010177.D

Acq: 10 Jun 2019 14:59

Instrument :

MSVOA_X

ClientSampleId :

VX0610WBSD02

Tot Ion: 91 Resp: 243595

Ion Ratio Lower Upper

91 100

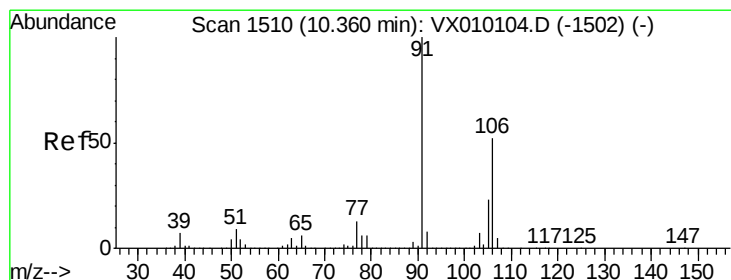
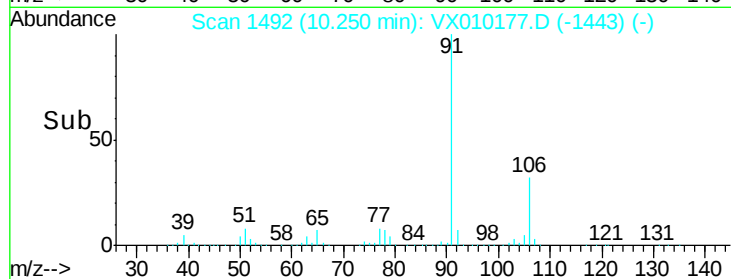
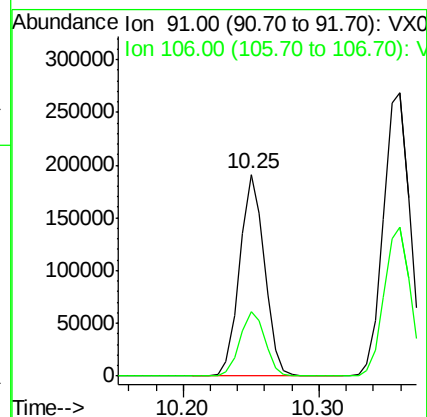
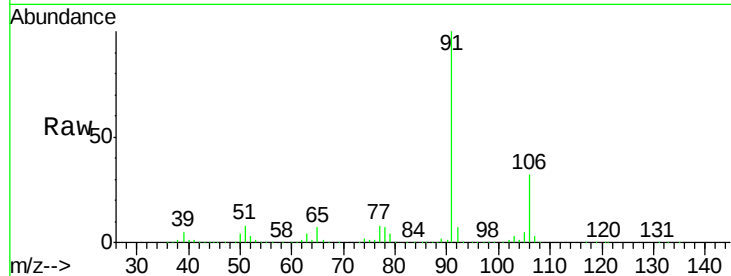
106 31.9 23.9 35.9

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#68

m/p-Xylenes

Concen: 38.318 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX010177.D

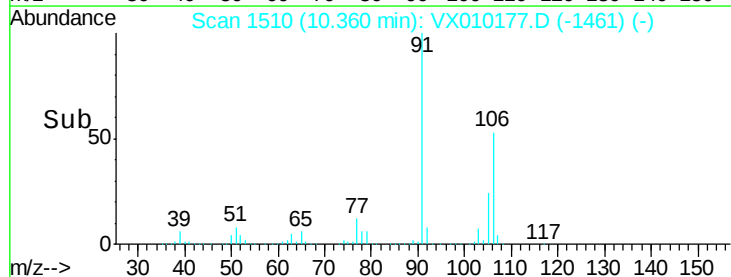
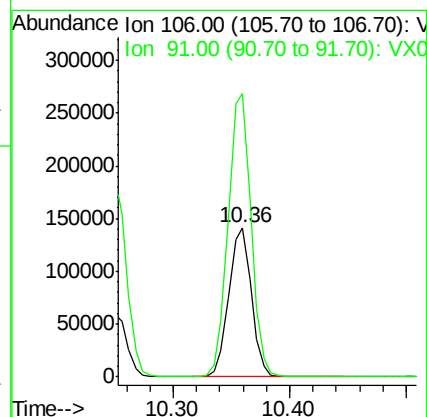
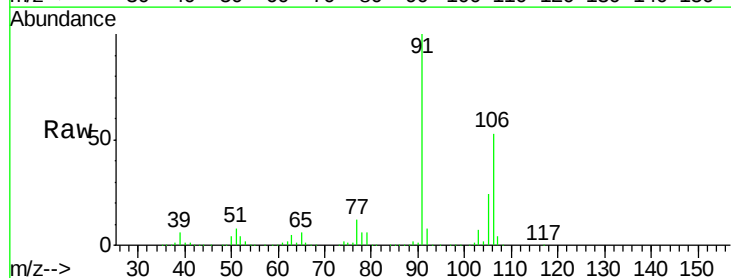
Acq: 10 Jun 2019 14:59

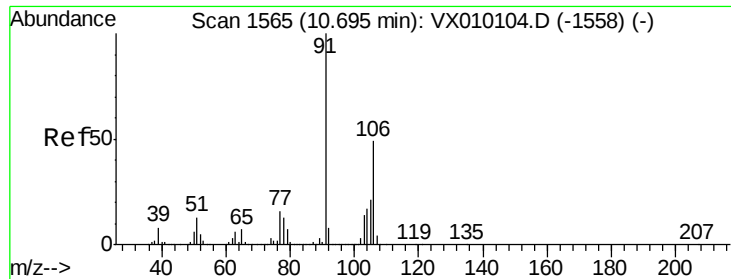
Tgt Ion: 106 Resp: 190416

Ion Ratio Lower Upper

106 100

91 192.6 167.3 250.9





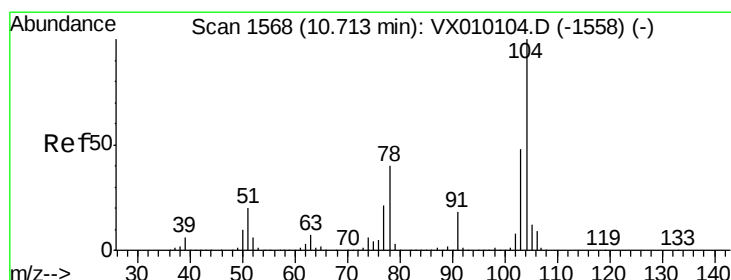
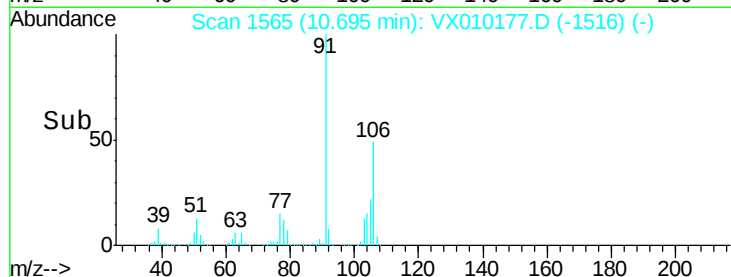
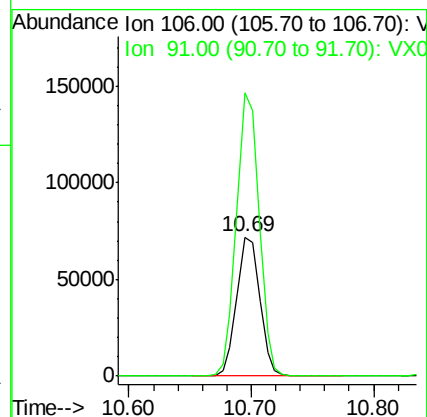
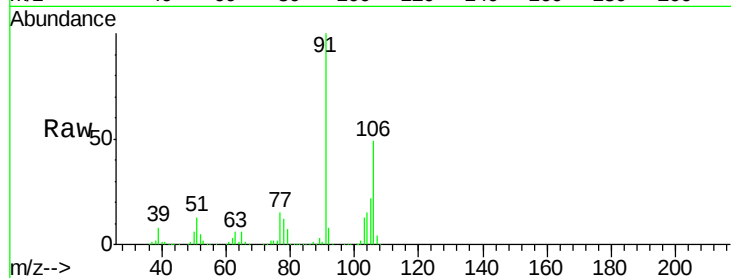
#69
o-Xylene
Concen: 19.014 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX010177.D
Acq: 10 Jun 2019 14:59

Instrument :
MSVOA_X
ClientSampleId :
VX0610WBSD02

Tot Ion:106 Resp: 93926
Ion Ratio Lower Upper
106 100
91 200.0 110.4 331.2

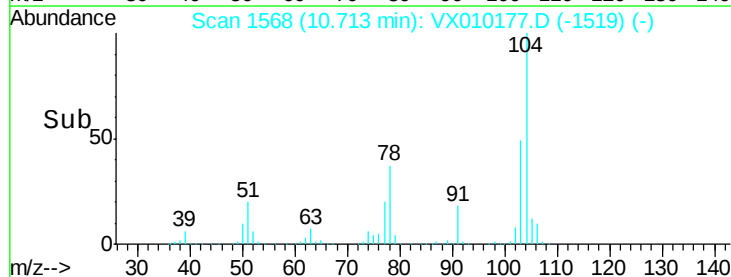
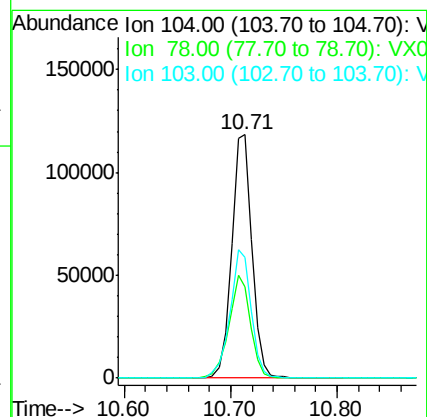
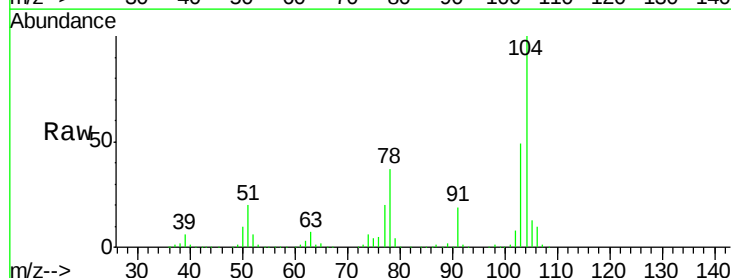
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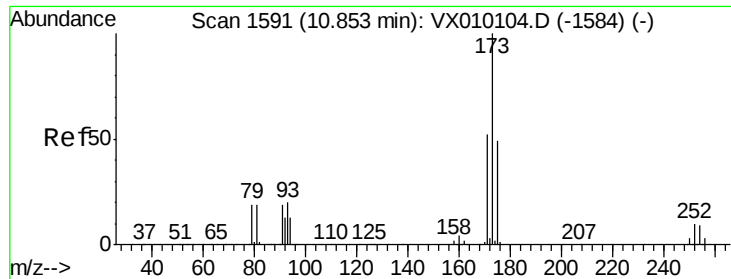
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#70
Styrene
Concen: 18.899 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX010177.D
Acq: 10 Jun 2019 14:59

Tgt Ion:104 Resp: 158119
Ion Ratio Lower Upper
104 100
78 44.7 42.1 63.1
103 55.0 44.1 66.1





#71

Bromoform

Concen: 18.422 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX010177.D

Acq: 10 Jun 2019 14:59

Instrument :

MSVOA_X

ClientSampleId :

VX0610WBSD02

Tot Ion:173 Resp: 49130

Ion Ratio Lower Upper

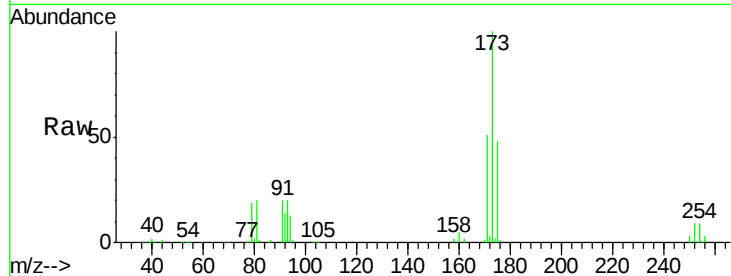
173 100

175 49.0 25.0 75.0

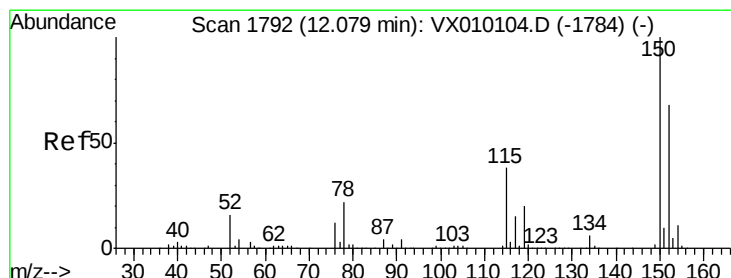
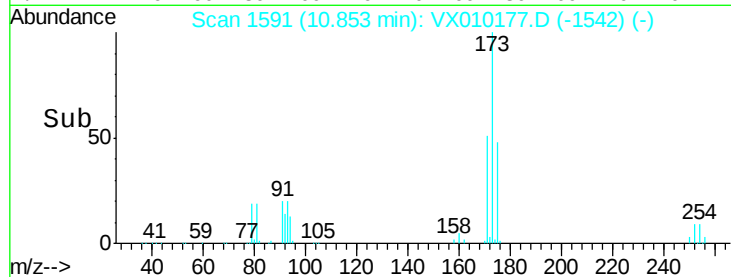
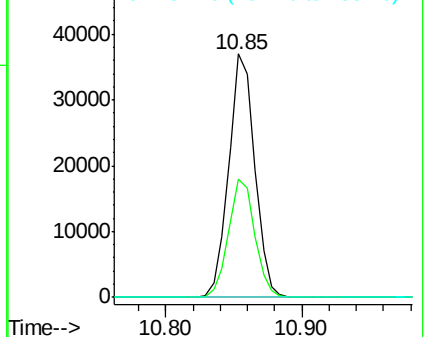
254 0.1 0.2 0.2#

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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: VX010177.D

Acq: 10 Jun 2019 14:59

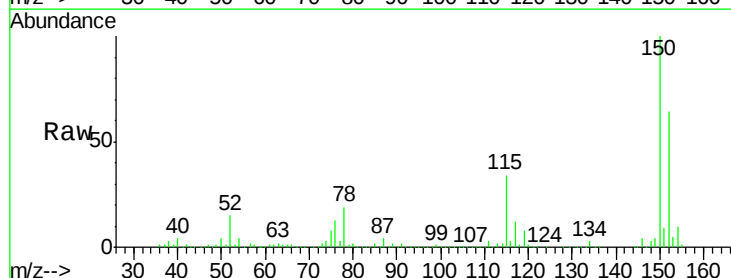
Tgt Ion:152 Resp: 186732

Ion Ratio Lower Upper

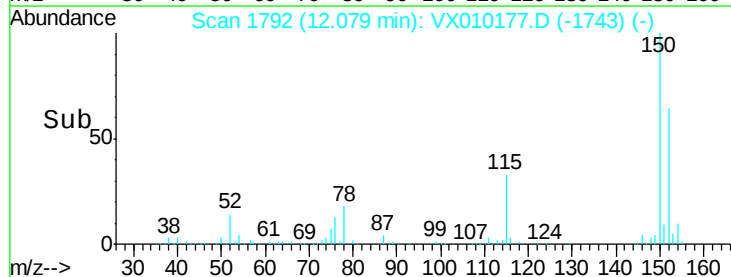
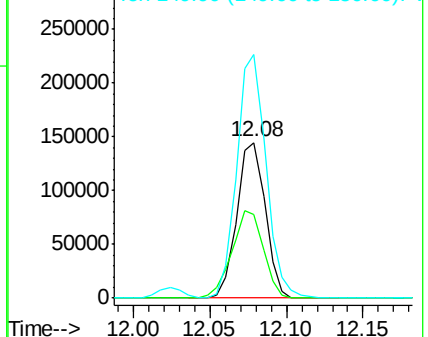
152 100

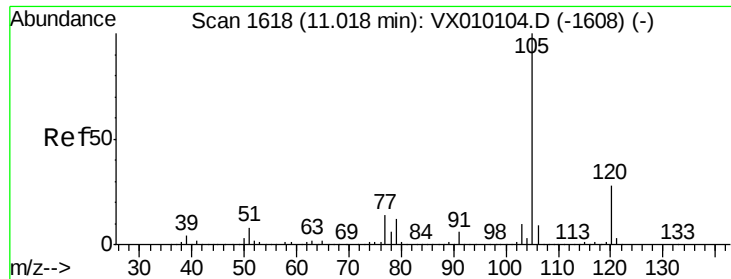
115 61.8 41.4 124.2

150 160.7 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: 18.633 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX010177.D

Acq: 10 Jun 2019 14:59

Instrument :

MSVOA_X

ClientSampleId :

VX0610WBSD02

Tot Ion:105 Resp: 242890

Ion Ratio Lower Upper

105 100

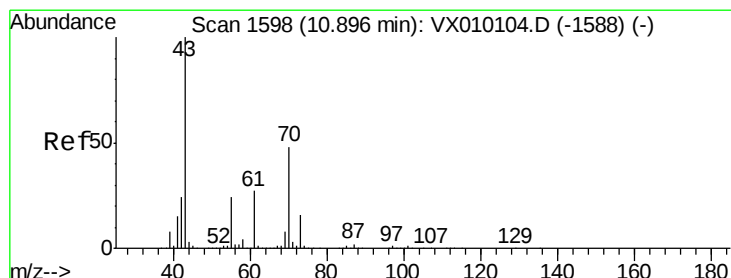
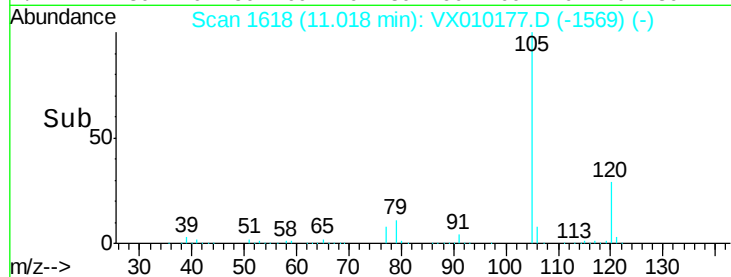
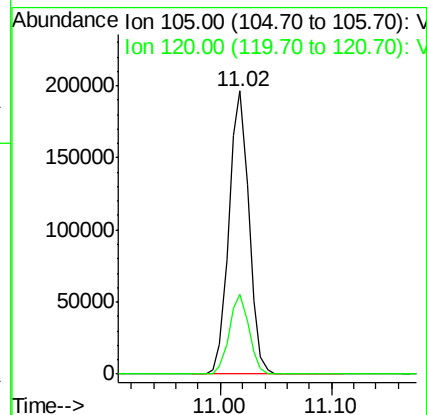
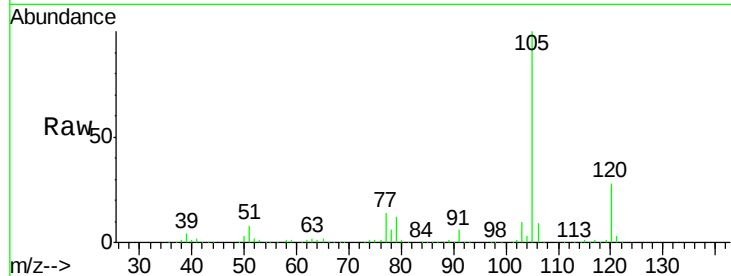
120 27.9 12.8 38.4

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#74

N-ethyl acetate

Concen: 18.834 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX010177.D

Acq: 10 Jun 2019 14:59

Tgt Ion: 43 Resp: 97047

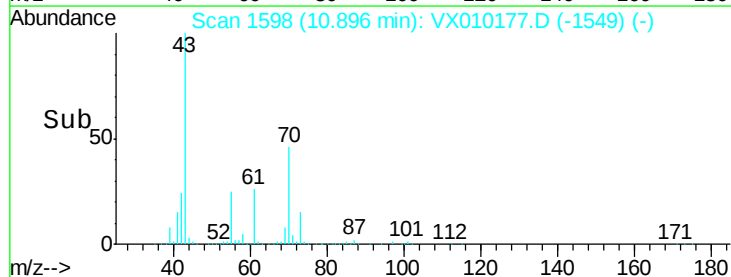
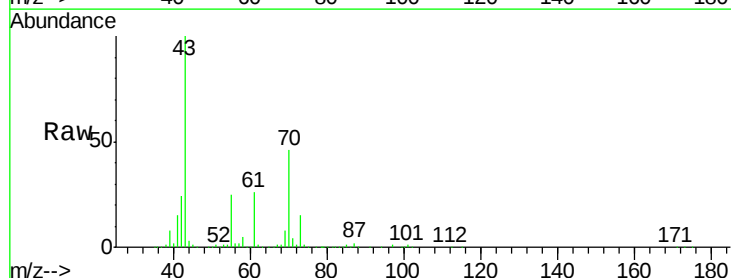
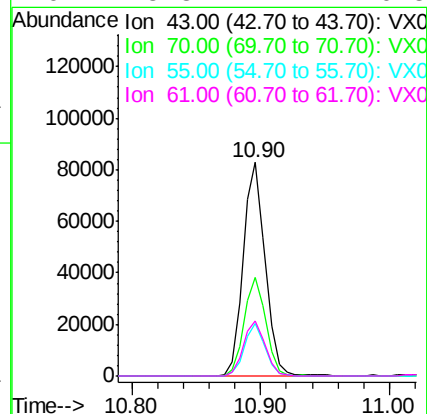
Ion Ratio Lower Upper

43 100

70 45.9 28.6 43.0#

55 23.9 17.8 26.8

61 25.8 17.7 26.5





#75

1,1,2,2-Tetrachloroethane

Concen: 18.869 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX010177.D

Acq: 10 Jun 2019 14:59

Instrument :

MSVOA_X

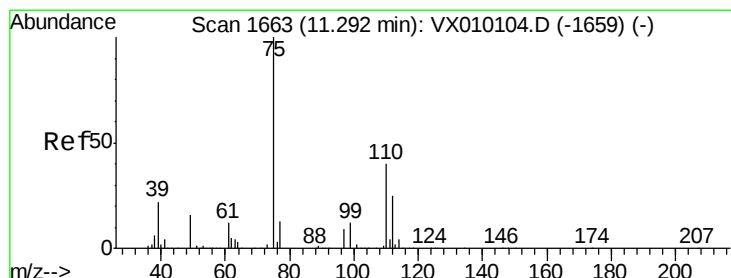
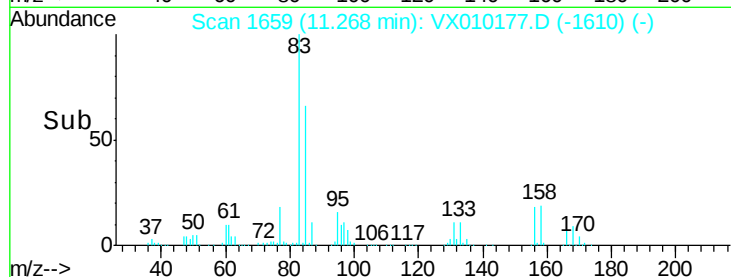
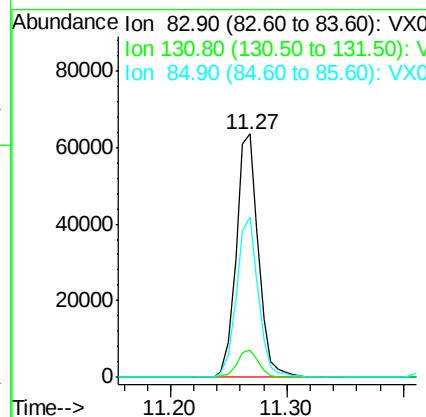
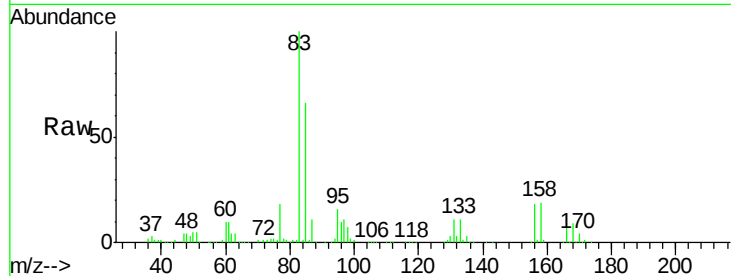
ClientSampleId :

VX0610WBSD02

Tot Ion:	83	Resp:	84195
Ion Ratio	Lower	Upper	
83	100		
131	11.0	4.7	14.1
85	64.9	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 18.371 ug/l m

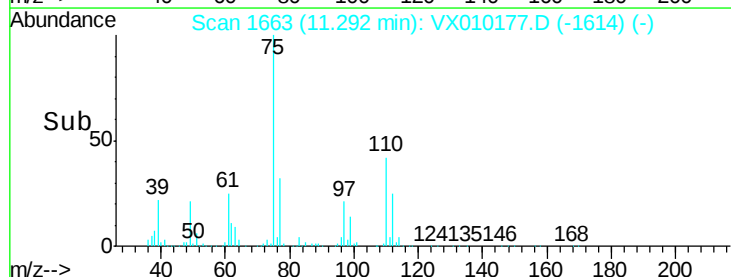
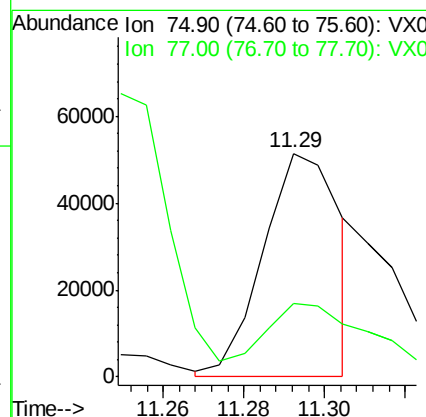
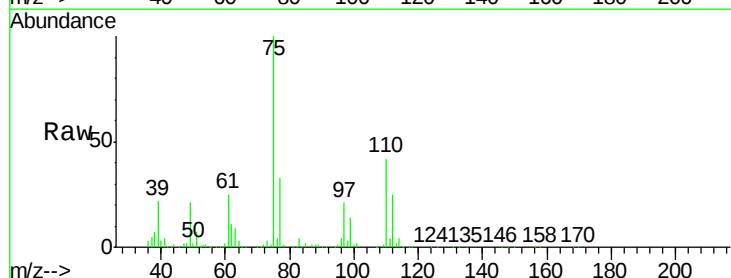
RT: 11.29 min Scan# 1663

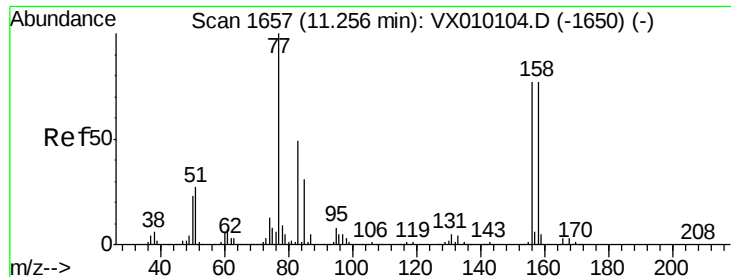
Delta R.T. -0.00 min

Lab File: VX010177.D

Acq: 10 Jun 2019 14:59

Tgt Ion:	75	Resp:	68617
Ion Ratio	Lower	Upper	
75	100		
77	46.2	22.1	66.1





#77

Bromobenzene

Concen: 18.492 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX010177.D

Acq: 10 Jun 2019 14:59

Instrument :

MSVOA_X

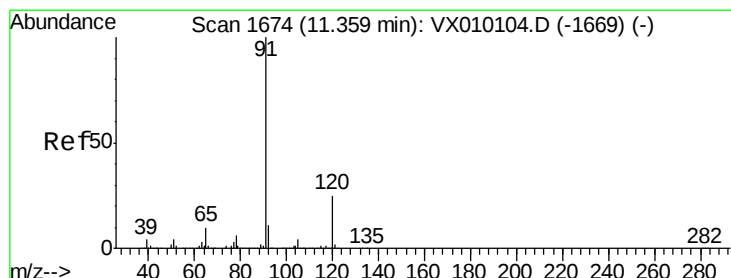
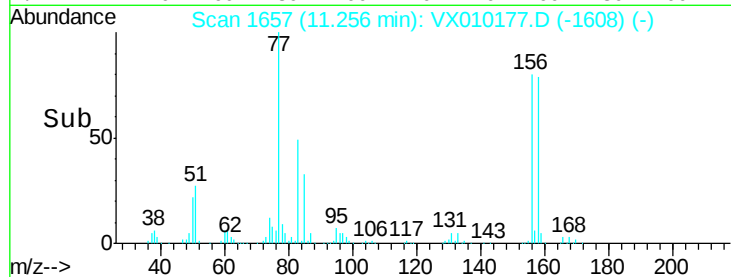
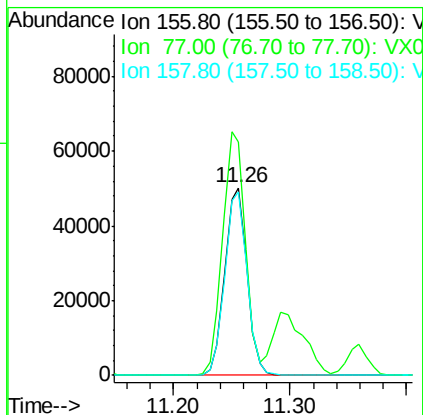
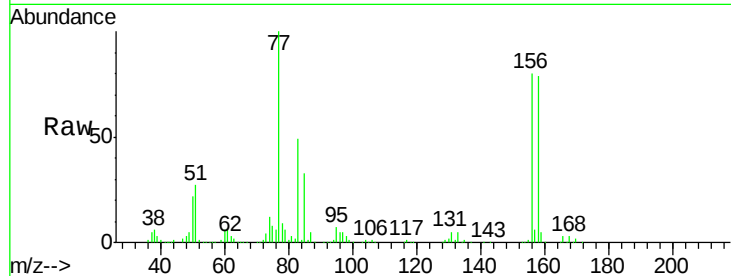
ClientSampleId :

VX0610WBSD02

Tot Ion	Ratio	Lower	Upper
156	100		
77	132.8	86.8	260.3
158	98.1	49.6	148.8

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#78

n-propylbenzene

Concen: 18.282 ug/l

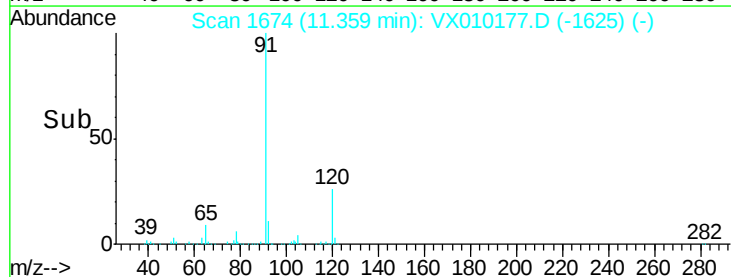
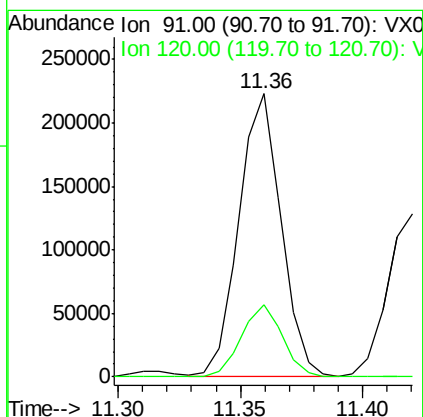
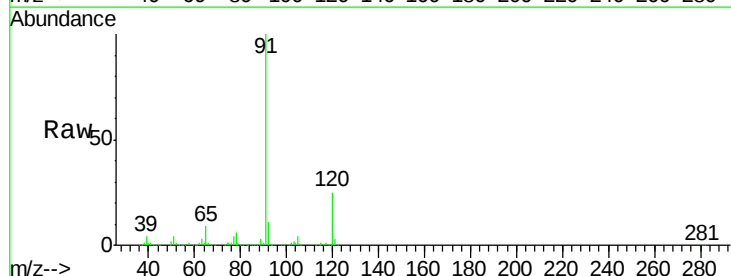
RT: 11.36 min Scan# 1674

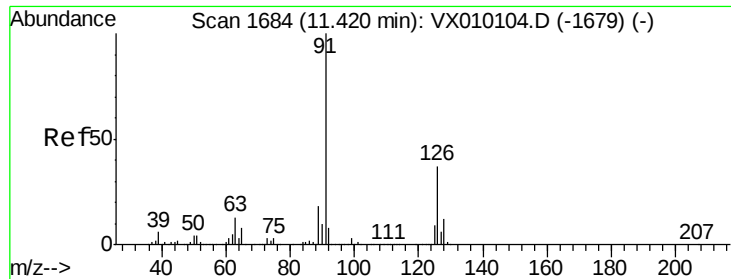
Delta R.T. -0.00 min

Lab File: VX010177.D

Acq: 10 Jun 2019 14:59

Tgt Ion	Ratio	Lower	Upper
91	100		
120	25.1	11.1	33.3





#79

2-Chlorotoluene

Concen: 18.151 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX010177.D

Acq: 10 Jun 2019 14:59

Instrument :

MSVOA_X

ClientSampled :

VX0610WBSD02

Tot Ion: 91 Resp: 158197

Ion Ratio Lower Upper

91 100

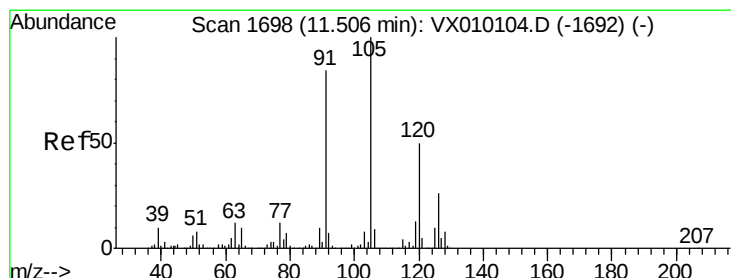
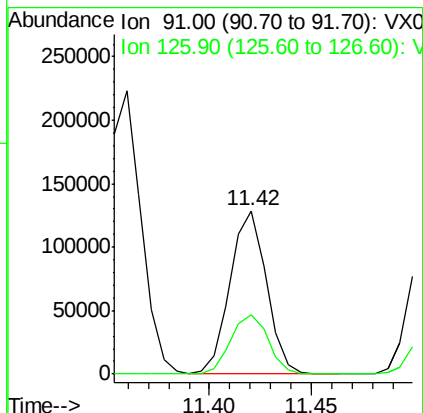
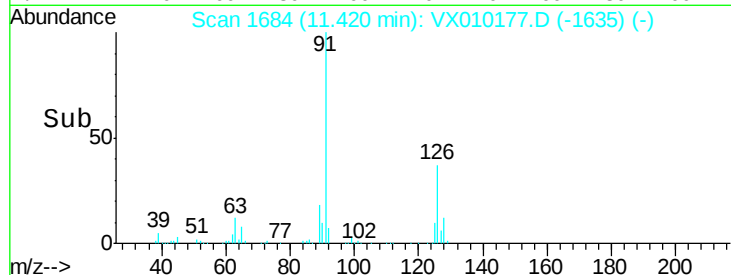
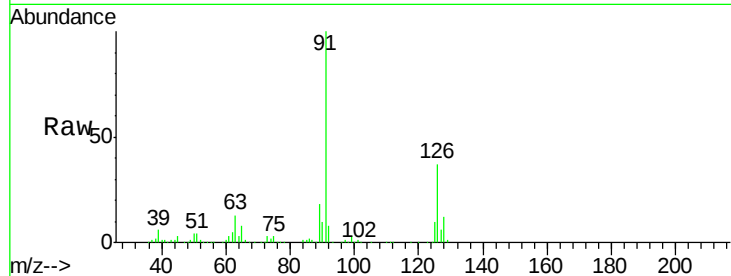
126 37.8 16.1 48.3

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#80

1,3,5-Trimethylbenzene

Concen: 18.479 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010177.D

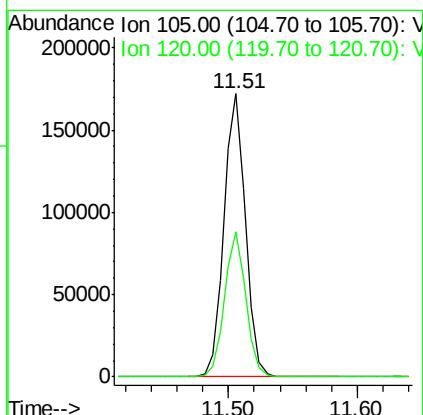
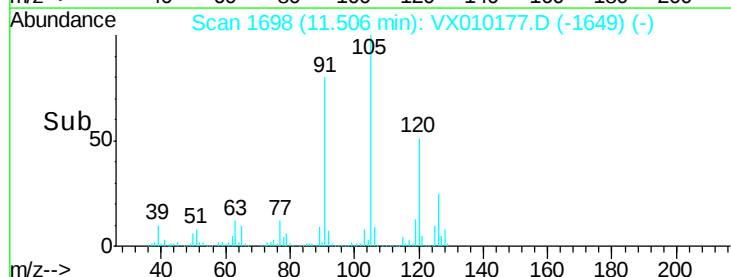
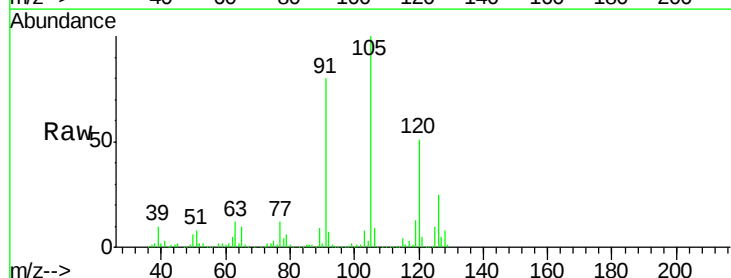
Acq: 10 Jun 2019 14:59

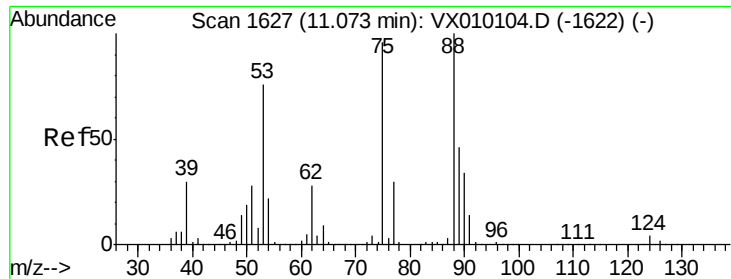
Tgt Ion: 105 Resp: 202877

Ion Ratio Lower Upper

105 100

120 50.6 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 18.008 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX010177.D

Acq: 10 Jun 2019 14:59

Instrument :

MSVOA_X

ClientSampleId :

VX0610WBSD02

Tot Ion: 75 Resp: 30443

Ion Ratio Lower Upper

75 100

53 77.1 79.8 119.6#

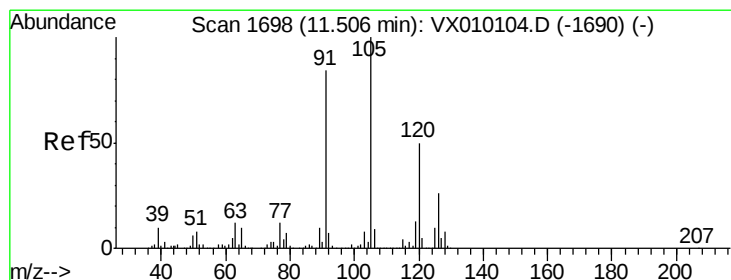
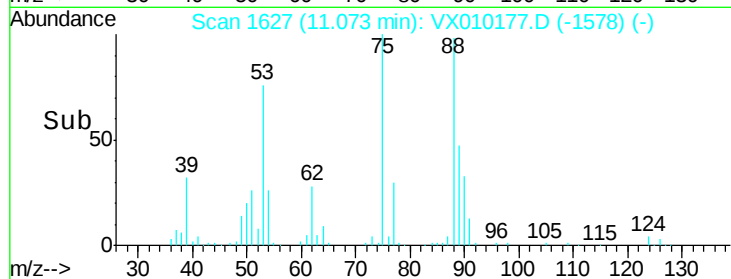
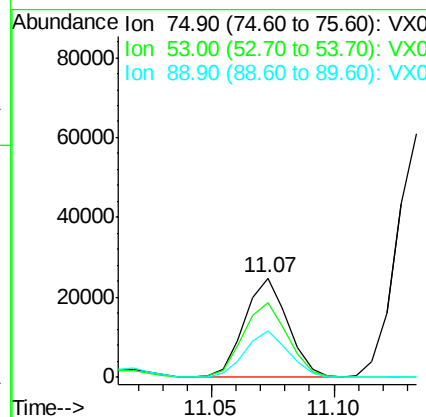
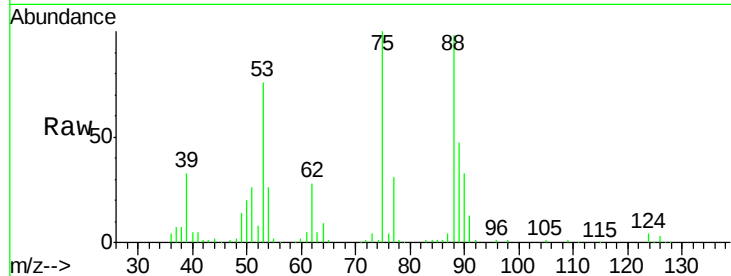
89 46.7 34.2 51.4

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#82

4-Chlorotoluene

Concen: 18.073 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010177.D

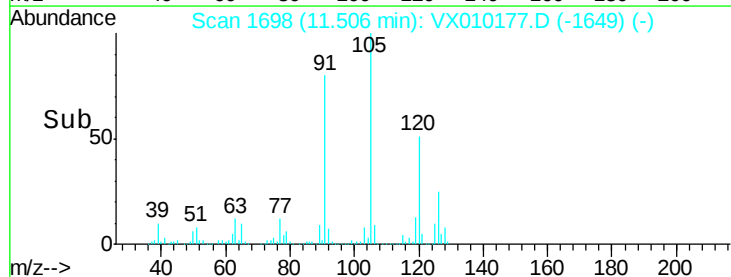
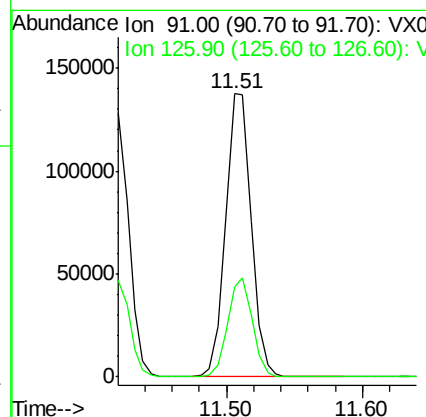
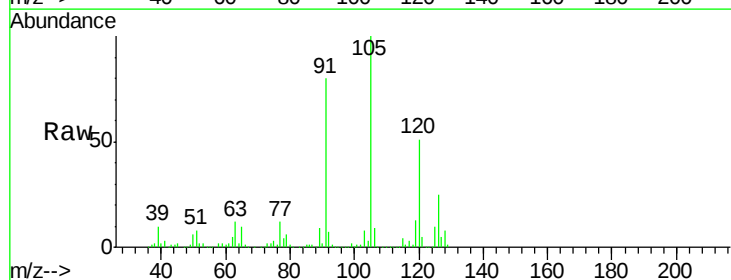
Acq: 10 Jun 2019 14:59

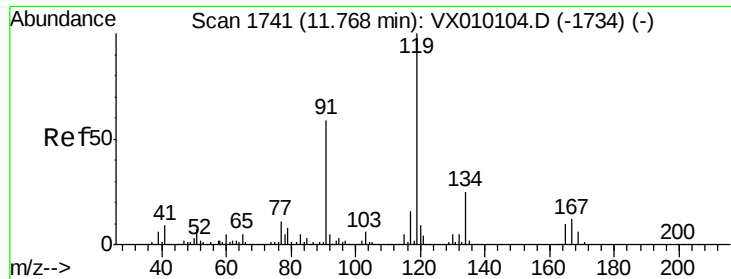
Tgt Ion: 91 Resp: 178934

Ion Ratio Lower Upper

91 100

126 33.7 14.2 42.6





#83

tert-Butylbenzene

Concen: 18.740 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX010177.D

Acq: 10 Jun 2019 14:59

Instrument :

MSVOA_X

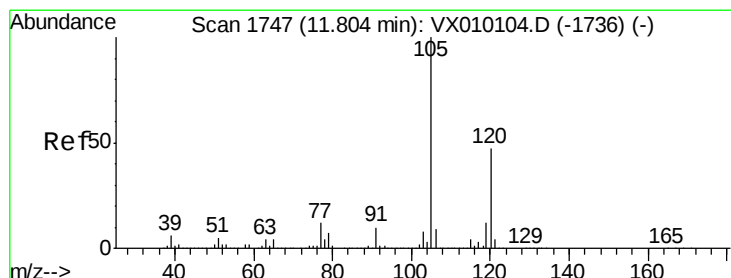
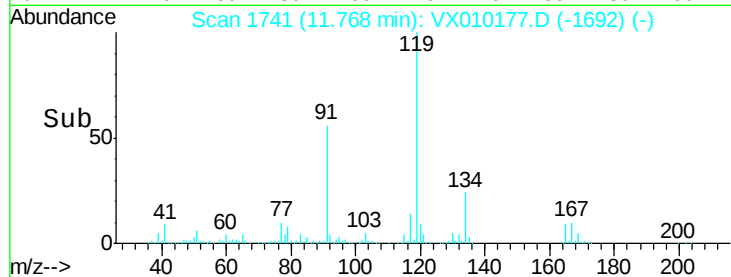
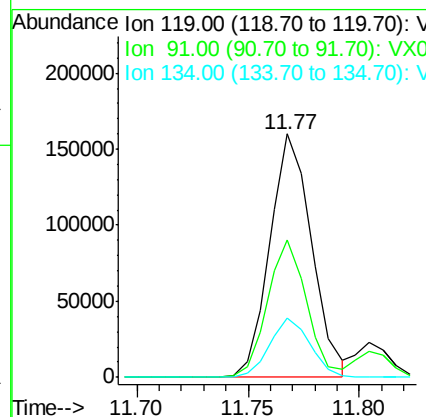
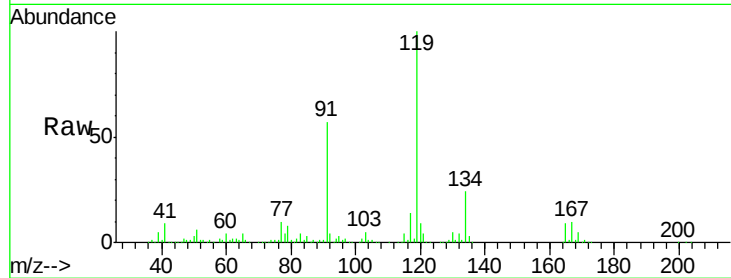
ClientSampleId :

VX0610WBSD02

Tot Ion:	119	Resp:	208249
Ion Ratio	Lower	Upper	
119	100		
91	53.2	30.0	90.0
134	23.6	11.2	33.5

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 18.288 ug/l

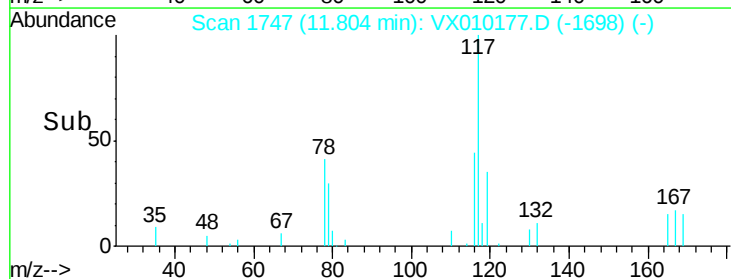
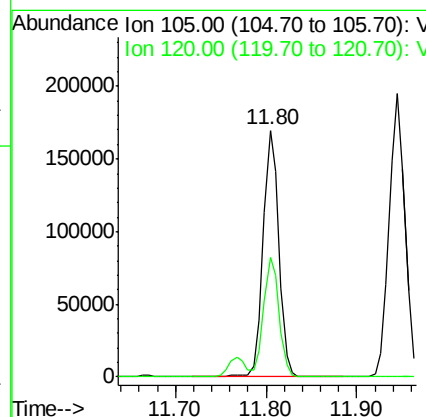
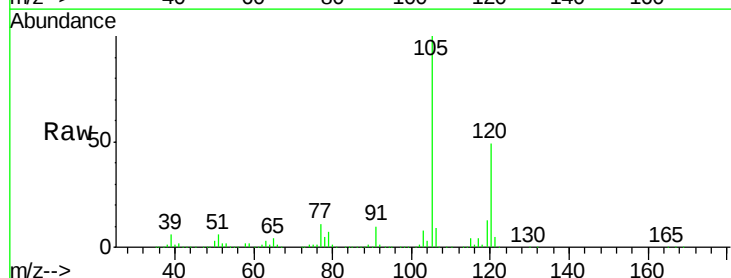
RT: 11.80 min Scan# 1747

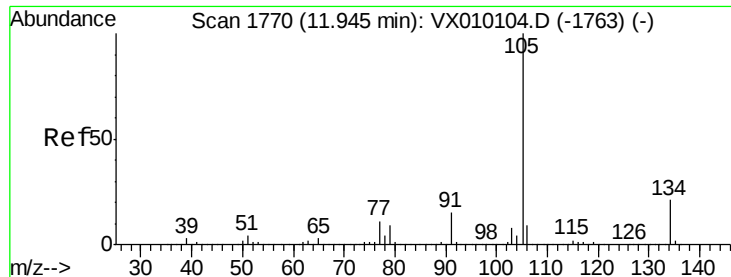
Delta R.T. -0.00 min

Lab File: VX010177.D

Acq: 10 Jun 2019 14:59

Tgt Ion:	105	Resp:	202806
Ion Ratio	Lower	Upper	
105	100		
120	47.4	22.1	66.1





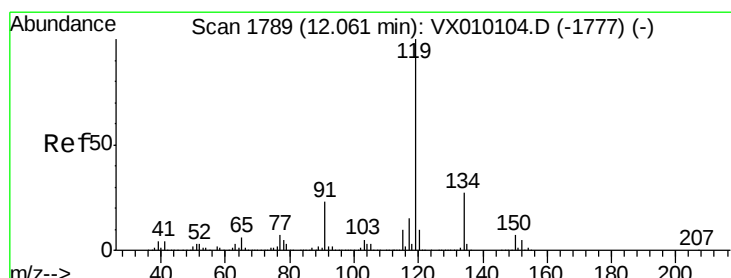
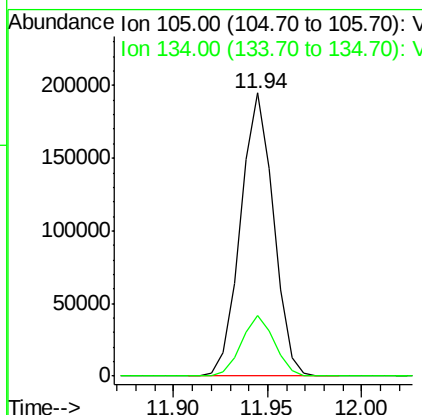
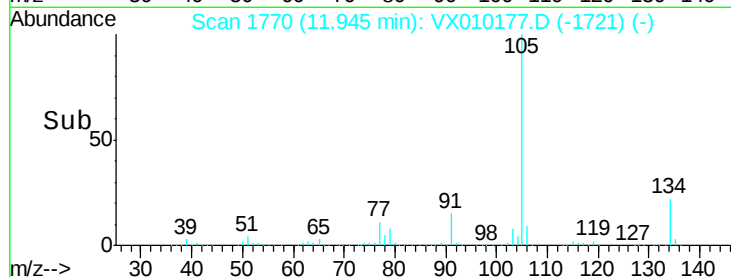
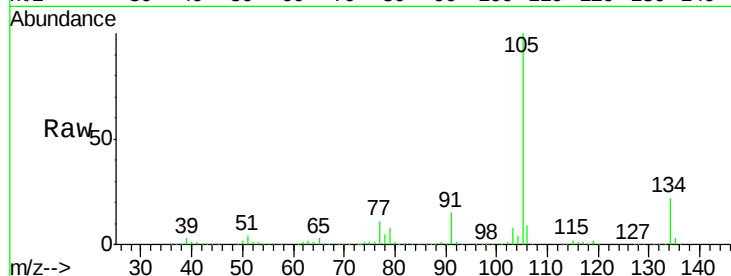
#85
 sec-Butylbenzene
 Concen: 18.224 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX010177.D
 Acq: 10 Jun 2019 14:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0610WBSD02

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.3	9.7	28.9

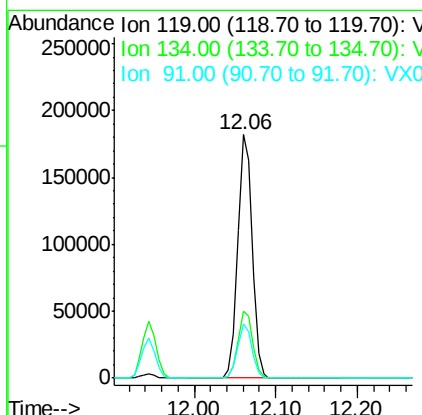
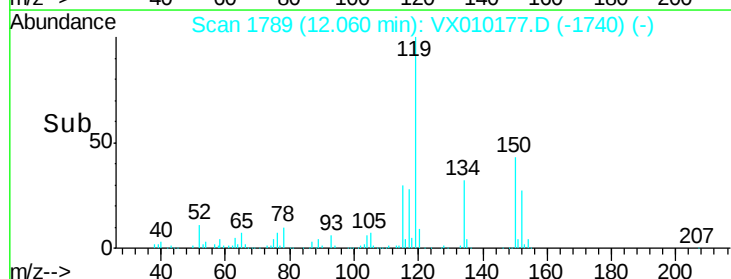
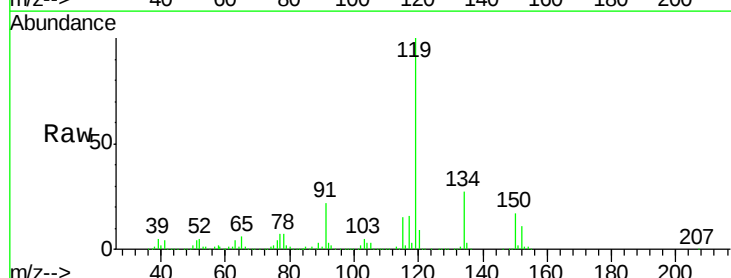
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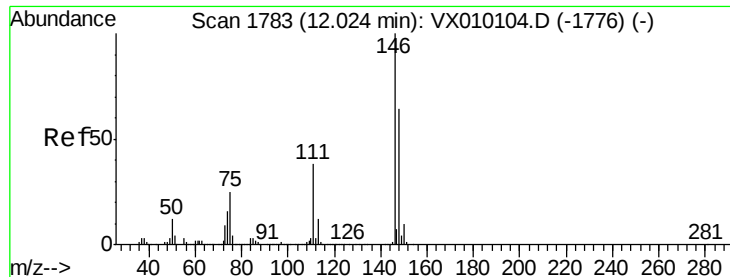
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#86
 p-Isopropyltoluene
 Concen: 18.414 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX010177.D
 Acq: 10 Jun 2019 14:59

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.7	12.9	38.6
91	22.3	11.9	35.9





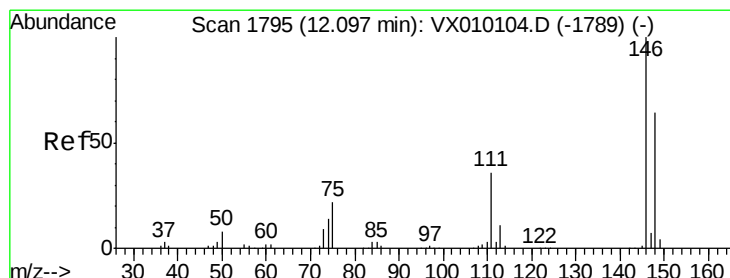
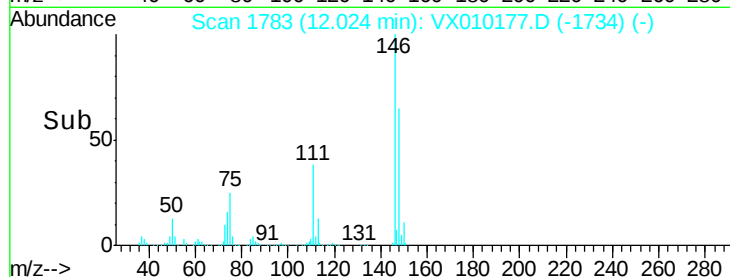
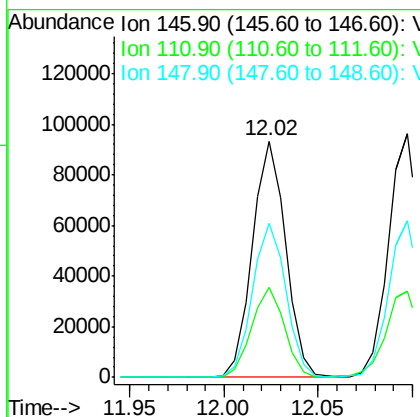
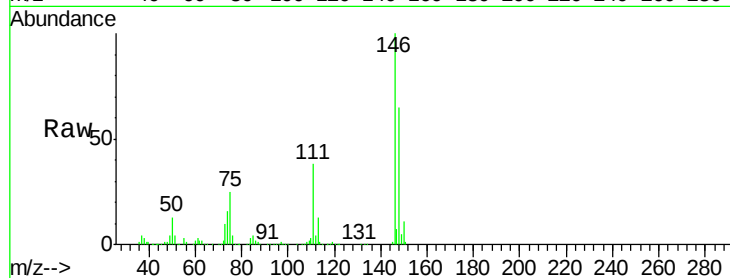
#87
 1,3-Dichlorobenzene
 Concen: 18.136 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX010177.D
 Acq: 10 Jun 2019 14:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0610WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.6	20.1	60.2
148	65.3	31.9	95.5

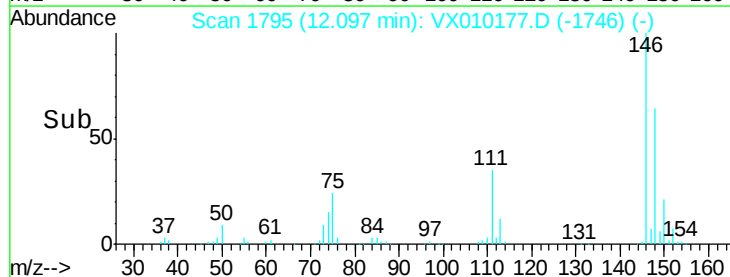
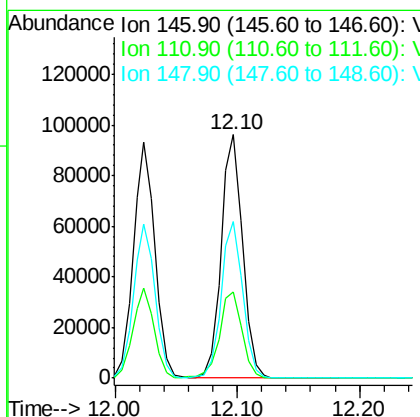
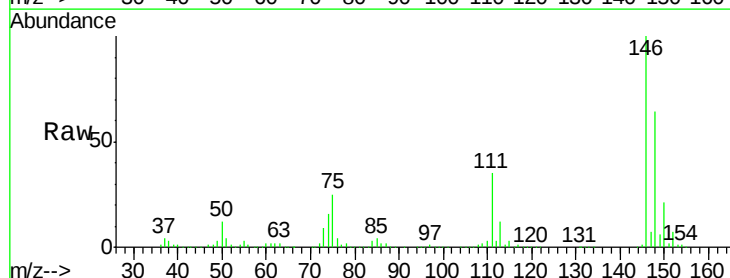
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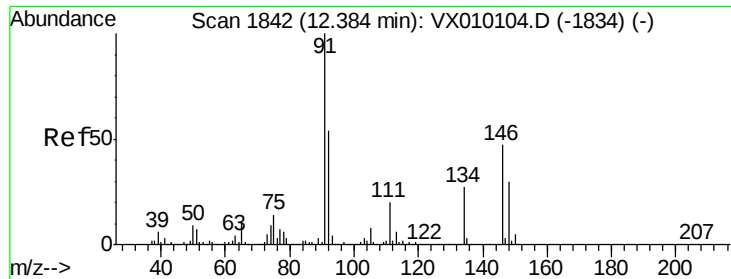
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#88
 1,4-Dichlorobenzene
 Concen: 18.315 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX010177.D
 Acq: 10 Jun 2019 14:59

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.6	20.0	59.9
148	64.7	32.3	96.9





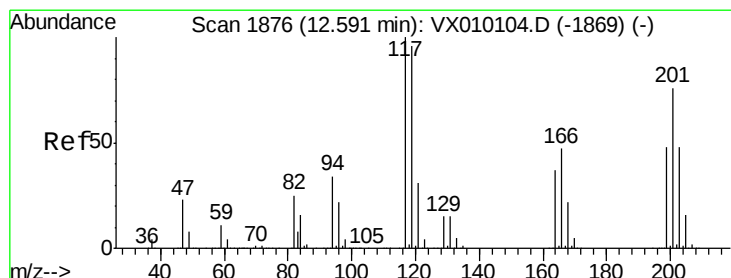
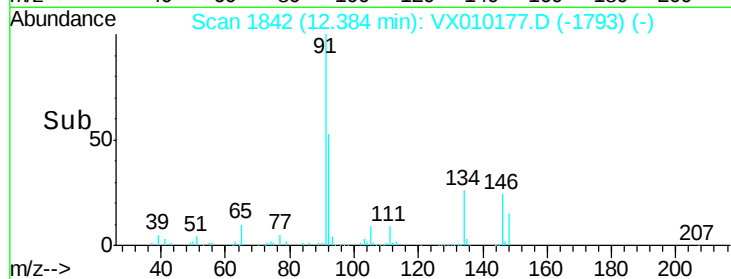
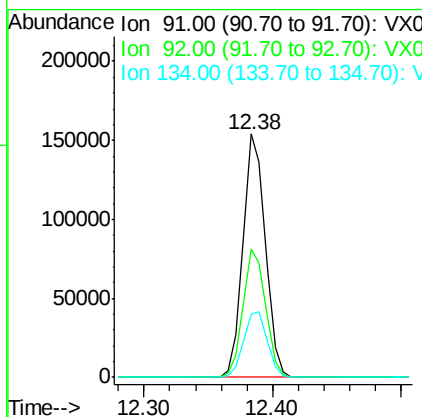
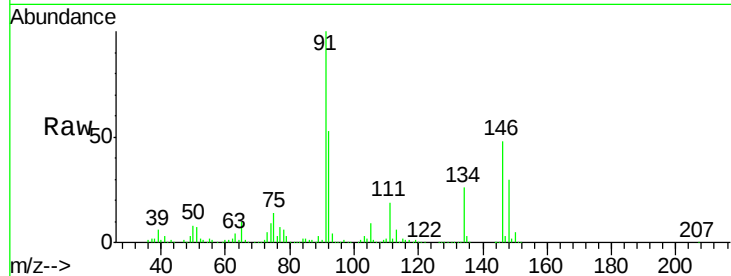
#89
n-Butylbenzene
Concen: 18.023 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX010177.D
Acq: 10 Jun 2019 14:59

Instrument :
MSVOA_X
ClientSampleId :
VX0610WBSD02

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.4	26.3	78.8
134	28.5	12.3	36.8

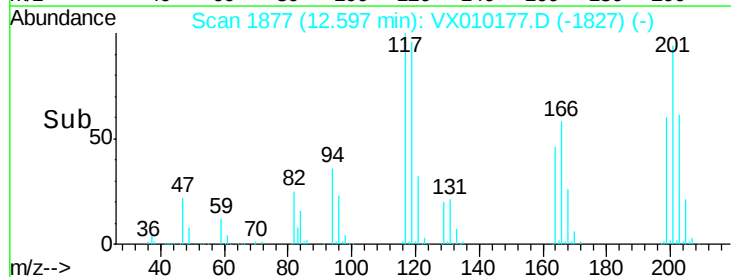
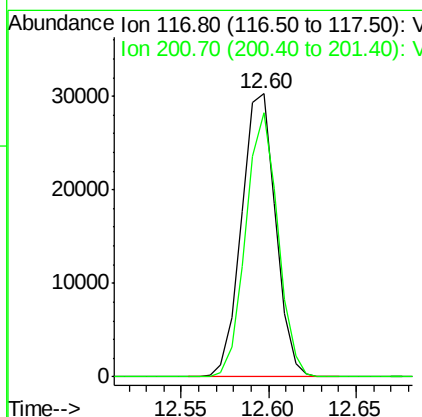
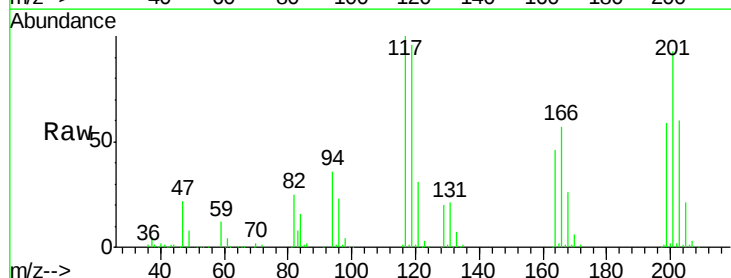
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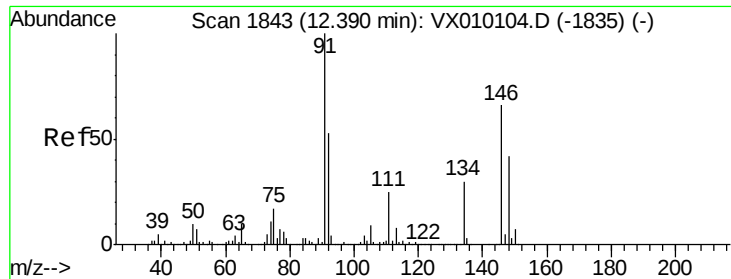
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#90
Hexachloroethane
Concen: 17.403 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.01 min
Lab File: VX010177.D
Acq: 10 Jun 2019 14:59

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.9	43.6	130.9





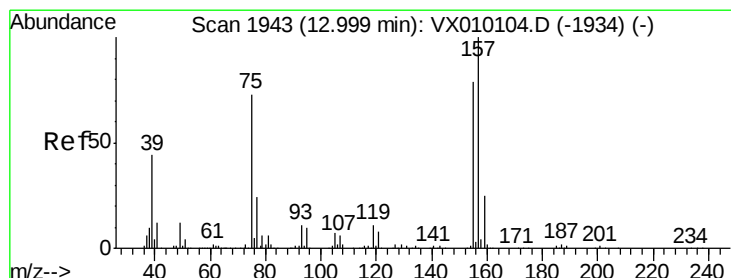
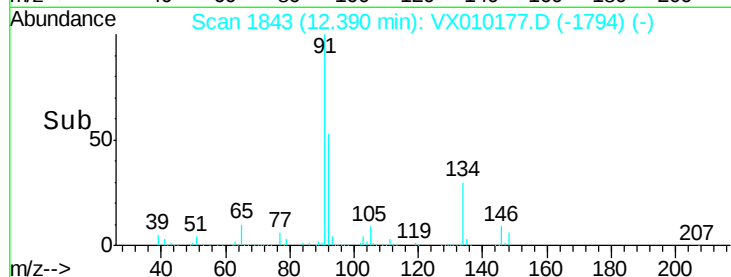
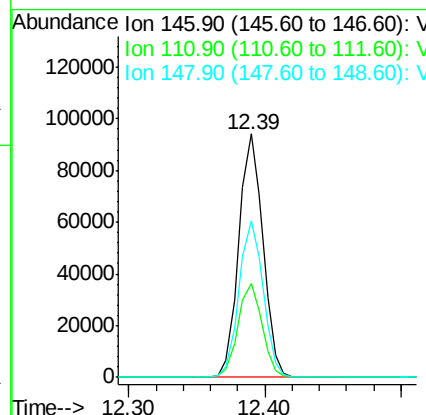
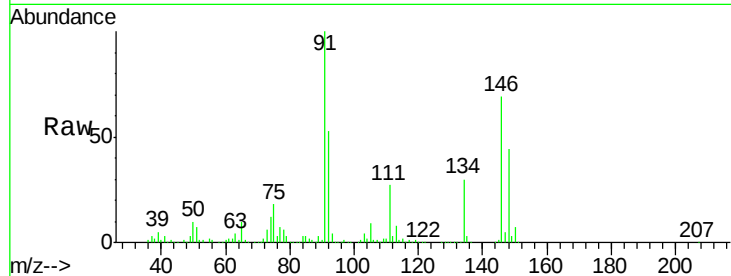
#91
 1,2-Dichlorobenzene
 Concen: 18.956 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX010177.D
 Acq: 10 Jun 2019 14:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0610WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
146	100	116358		
111	38.4	21.1	63.1	
148	64.6	32.3	96.8	

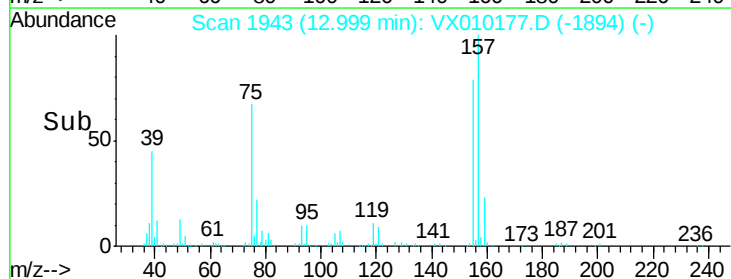
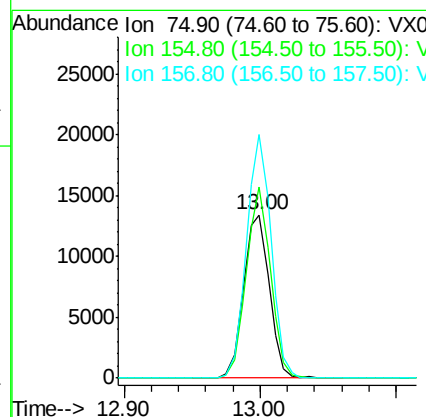
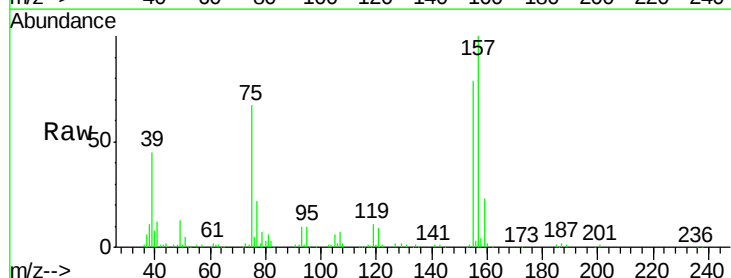
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.937 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX010177.D
 Acq: 10 Jun 2019 14:59

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	17784		
155	109.6	39.3	117.8	
157	141.8	50.6	151.8	





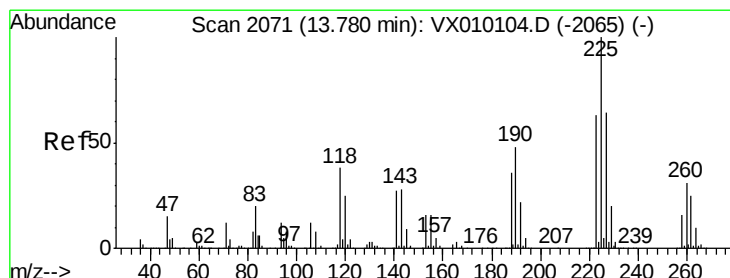
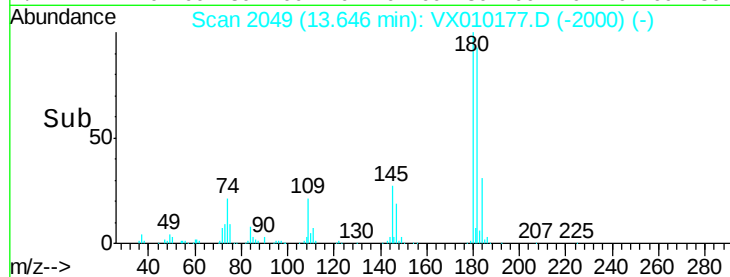
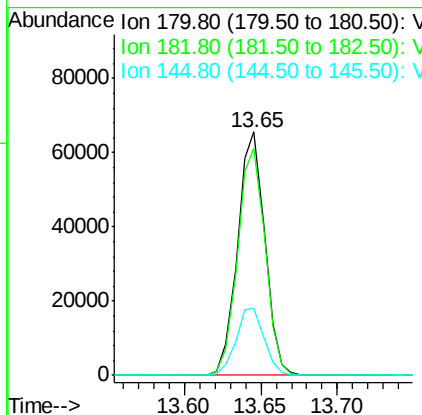
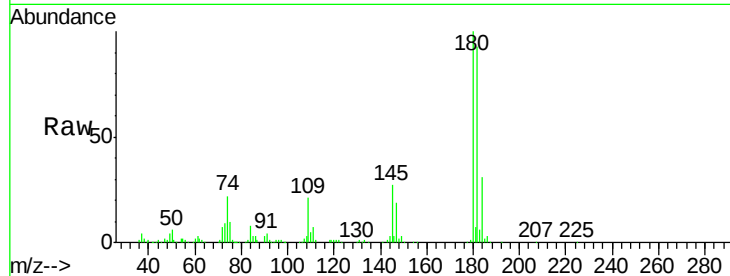
#93
 1,2,4-Trichlorobenzene
 Concen: 17.942 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX010177.D
 Acq: 10 Jun 2019 14:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0610WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	80615		
182	94.5		47.4	142.2
145	28.6		14.5	43.5

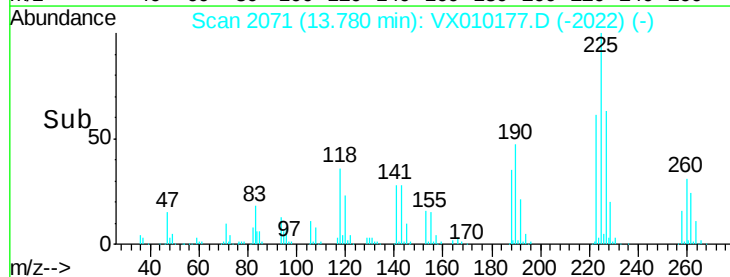
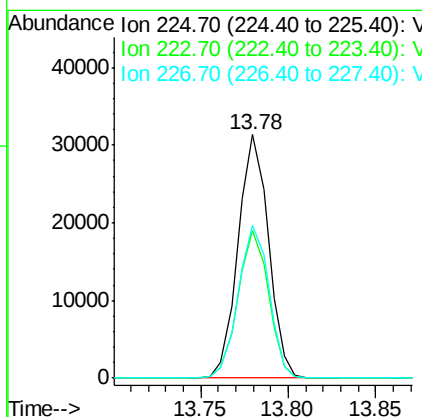
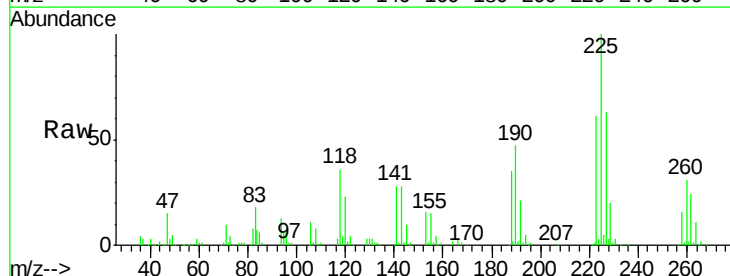
Manual Integrations
 APPROVED

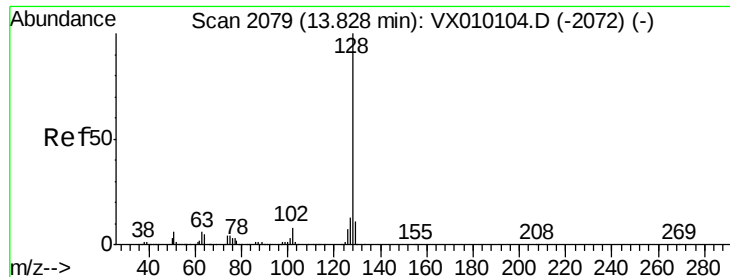
MMDadoda
 6/11/2019 11:54:08 AM



#94
 Hexachlorobutadiene
 Concen: 19.026 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX010177.D
 Acq: 10 Jun 2019 14:59

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	38020		
223	60.9		31.3	93.8
227	63.5		32.3	96.8





#95

Naphthalene

Concen: 18.099 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.01 min

Lab File: VX010177.D

Acq: 10 Jun 2019 14:59

Instrument :

MSVOA_X

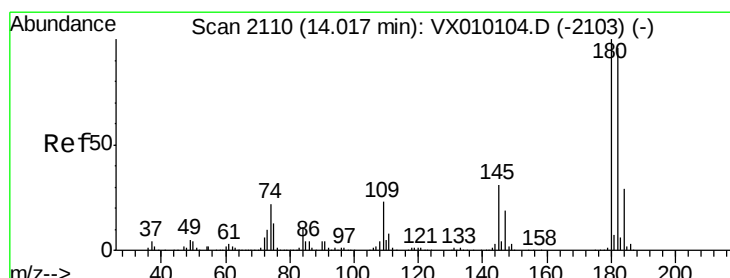
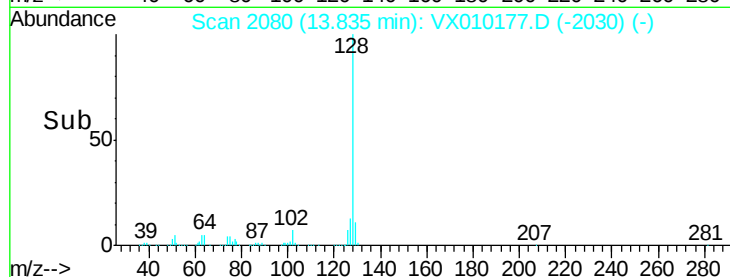
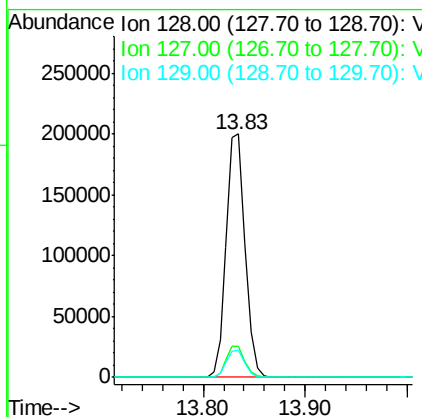
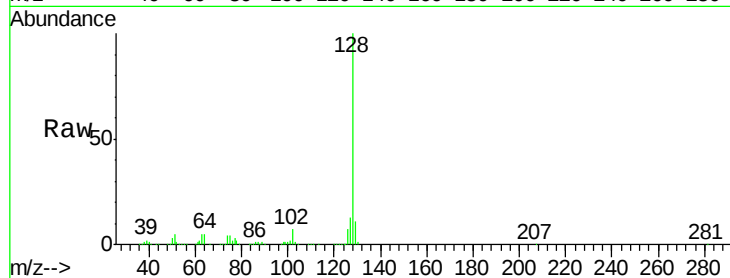
ClientSampleId :

VX0610WBSD02

Tot Ion:	128	Resp:	256002
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.6	16.0
129	11.0	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
6/11/2019 11:54:08 AM



#96

1,2,3-Trichlorobenzene

Concen: 18.011 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX010177.D

Acq: 10 Jun 2019 14:59

Tgt Ion:	180	Resp:	80015
Ion Ratio	Lower	Upper	
180	100		
182	96.8	47.3	142.0
145	30.8	15.6	46.7

