

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061818\
 Data File : VX002694.D
 Acq On : 18 Jun 2018 22:47
 Operator : JC/MD
 Sample : VX0618WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0618WBSD02

Manual Integrations
 APPROVED

MMDadoda
 6/19/2018 1:05:35 PM

Quant Time: Jun 19 06:04:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	212791	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	304150	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	289914	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	178885	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	157987	48.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.72%	
35) Dibromofluoromethane	5.51	113	125023	51.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.00%	
50) Toluene-d8	8.72	98	467865	50.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.52%	
62) 4-Bromofluorobenzene	11.14	95	172027	49.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	39386	17.435	ug/l	98
3) Chloromethane	1.32	50	44618	16.604	ug/l	99
4) Vinyl Chloride	1.40	62	49503	17.753	ug/l	93
5) Bromomethane	1.64	94	30203	17.951	ug/l	100
6) Chloroethane	1.72	64	34335	18.681	ug/l	98
7) Trichlorofluoromethane	1.93	101	90104	19.889	ug/l	96
8) Diethyl Ether	2.19	74	32133	18.648	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	50547	19.960	ug/l	99
10) Methyl Iodide	2.51	142	43827	16.676	ug/l	99
11) Tert butyl alcohol	3.08	59	70807	105.923	ug/l	96
12) 1,1-Dichloroethene	2.37	96	45044	18.945	ug/l	98
13) Acrolein	2.30	56	19613	67.730	ug/l	96
14) Allyl chloride	2.73	41	87641	18.564	ug/l	98
15) Acrylonitrile	3.15	53	148045	101.490	ug/l	100
16) Acetone	2.45	43	138939	97.389	ug/l	99
17) Carbon Disulfide	2.57	76	104909	18.603	ug/l	98
18) Methyl Acetate	2.78	43	80754	21.247	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	172124	19.298	ug/l	98
20) Methylene Chloride	2.86	84	51525	17.614	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	48097	18.646	ug/l	99
22) Diisopropyl ether	3.88	45	164427	19.251	ug/l	99
23) Vinyl Acetate	3.83	43	754996	105.613	ug/l	100
24) 1,1-Dichloroethane	3.70	63	95599	20.622	ug/l	98
25) 2-Butanone	4.72	43	196875	105.081	ug/l	99
26) 2,2-Dichloropropane	4.58	77	52074	15.633	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	51903	19.776	ug/l	96
28) Bromochloromethane	5.03	49	43573	20.071	ug/l	96
29) Tetrahydrofuran	5.17	42	127163	103.562	ug/l	97
30) Chloroform	5.22	83	91265	20.416	ug/l	100
31) Cyclohexane	5.58	56	74443	19.504	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	77567	20.746	ug/l	99
36) 1,1-Dichloropropene	5.81	75	62145	19.238	ug/l	97
37) Ethyl Acetate	4.87	43	74886	20.482	ug/l	99
38) Carbon Tetrachloride	5.78	117	68702	21.358	ug/l	92

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 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	74157	19.638	ug/l	96
40) Benzene	6.15	78	192438	19.868	ug/l	99
41) Methacrylonitrile	5.07	41	43029	20.844	ug/l	98
42) 1,2-Dichloroethane	6.20	62	77264	20.604	ug/l	99
43) Isopropyl Acetate	6.48	43	121907	20.125	ug/l	99
44) Trichloroethene	7.22	130	56111	20.071	ug/l	98
45) 1,2-Dichloropropane	7.52	63	50935	19.981	ug/l	96
46) Dibromomethane	7.67	93	35676	20.922	ug/l	99
47) Bromodichloromethane	7.90	83	63459	21.100	ug/l	98
48) Methyl methacrylate	7.78	41	62501	20.190	ug/l	97
49) 1,4-Dioxane	7.76	88	25429	433.777	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	410447	105.529	ug/l	99
52) Toluene	8.79	92	124350	20.126	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	70609	19.280	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	63200	18.784	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	51935	20.802	ug/l	97
56) Ethyl methacrylate	9.18	69	77535	20.181	ug/l	97
57) 1,3-Dichloropropane	9.38	76	85030	20.137	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	181715	97.786	ug/l	98
59) 2-Hexanone	9.50	43	310622	105.984	ug/l	99
60) Dibromochloromethane	9.59	129	50972	20.545	ug/l	100
61) 1,2-Dibromoethane	9.68	107	53751	20.788	ug/l	100
64) Tetrachloroethene	9.34	164	62342	19.372	ug/l	97
65) Chlorobenzene	10.14	112	143796	20.196	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	52129	21.476	ug/l	99
67) Ethyl Benzene	10.26	91	240706	20.044	ug/l	100
68) m/p-Xylenes	10.37	106	185053	39.948	ug/l	99
69) o-Xylene	10.70	106	89831	19.737	ug/l	100
70) Styrene	10.71	104	150905	20.161	ug/l	99
71) Bromoform	10.86	173	38860	20.724	ug/l #	97
73) Isopropylbenzene	11.02	105	250181	20.911	ug/l	100
74) N-amyl acetate	6.48	43	121907	20.508	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	79267	22.436	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	75919m	22.491	ug/l	
77) Bromobenzene	11.26	156	68723	20.618	ug/l	98
78) n-propylbenzene	11.37	91	279899	20.399	ug/l	99
79) 2-Chlorotoluene	11.43	91	167359	20.429	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	208556	20.627	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	16084	18.155	ug/l	88
82) 4-Chlorotoluene	11.51	91	195194	20.193	ug/l	99
83) tert-Butylbenzene	11.77	119	204748	21.021	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	215590	20.896	ug/l	99
85) sec-Butylbenzene	11.95	105	250745	20.703	ug/l	100
86) p-Isopropyltoluene	12.07	119	222881	20.339	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	125558	20.541	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	126356	20.316	ug/l	100
89) n-Butylbenzene	12.39	91	189516	19.604	ug/l	99
90) Hexachloroethane	12.60	117	31210	19.936	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	127182	20.673	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	16865	22.789	ug/l	99

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ClientSampleId :
VX0618WBSD02

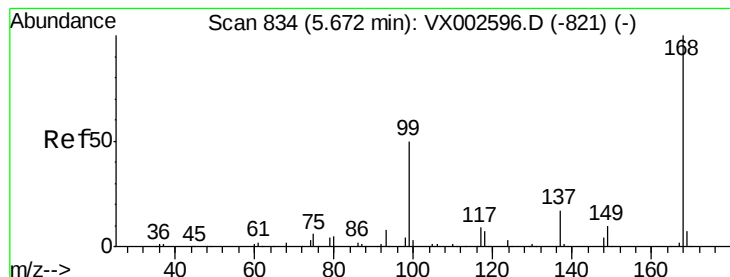
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	92261	20.663	ug/l	99
94) Hexachlorobutadiene	13.79	225	46359	19.710	ug/l	100
95) Naphthalene	13.84	128	261604	21.773	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	95584	21.315	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX002694.D

Acq: 18 Jun 2018 22:47

Instrument :

MSVOA_X

ClientSampleId :

VX0618WBSD02

Tot Ion:168 Resp: 212791

Ion Ratio Lower Upper

168 100

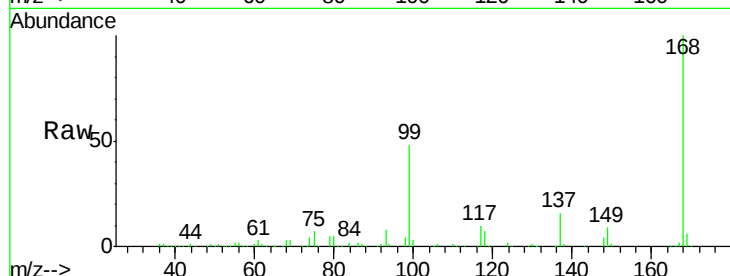
99 47.7 39.3 58.9

Manual Integrations

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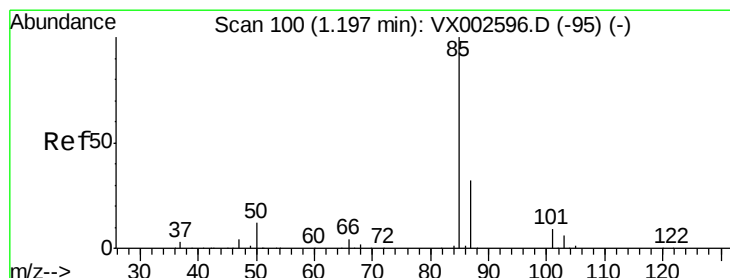
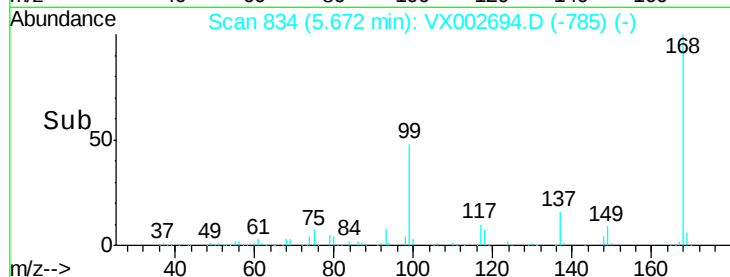
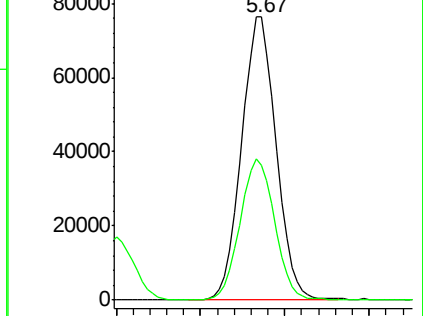
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 17.435 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002694.D

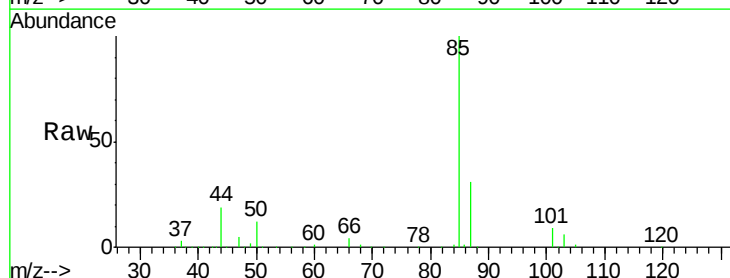
Acq: 18 Jun 2018 22:47

Tgt Ion: 85 Resp: 39386

Ion Ratio Lower Upper

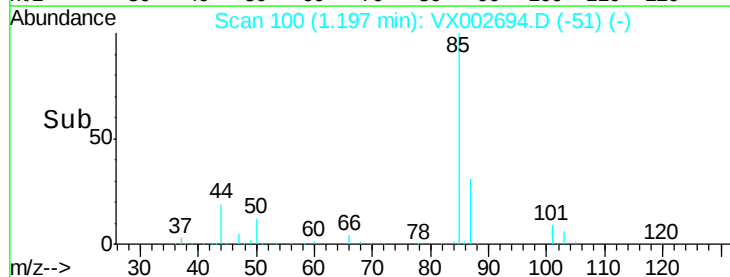
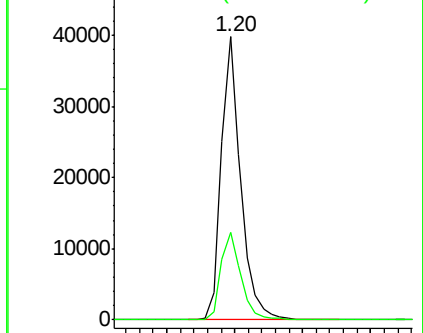
85 100

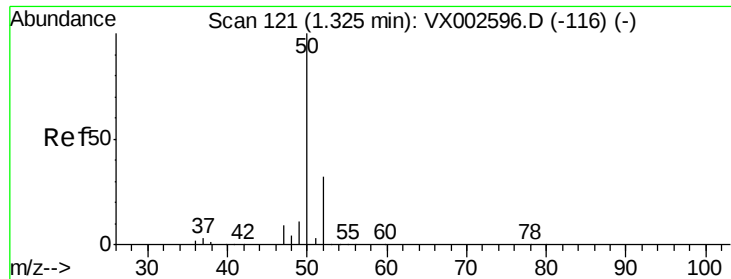
87 30.8 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 16.604 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002694.D

Acq: 18 Jun 2018 22:47

Instrument :

MSVOA_X

ClientSampleId :

VX0618WBSD02

Tot Ion: 50 Resp: 44618

Ion Ratio Lower Upper

50 100

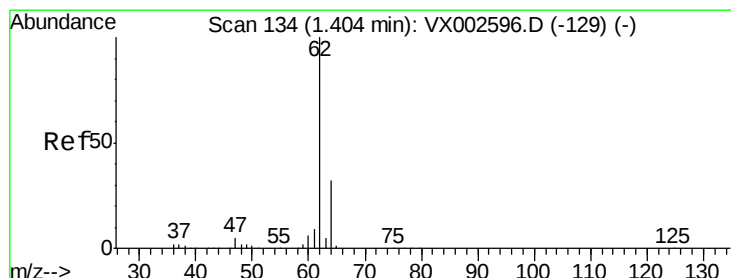
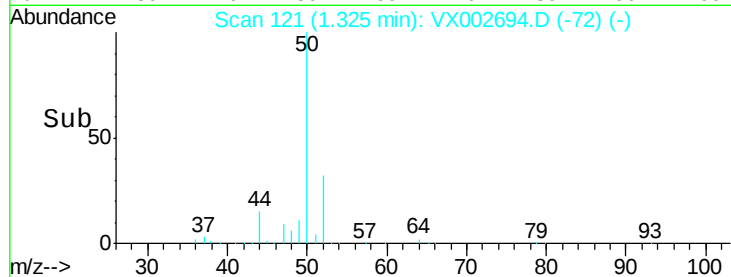
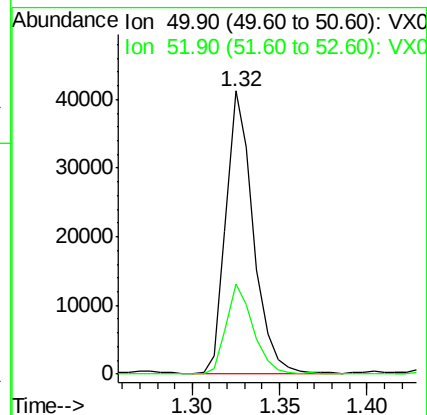
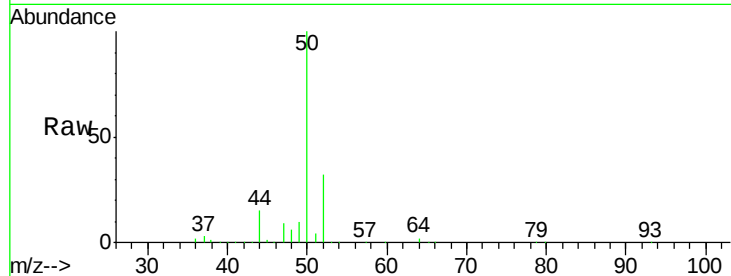
52 31.6 25.7 38.5

Manual Integrations

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#4

Vinyl Chloride

Concen: 17.753 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX002694.D

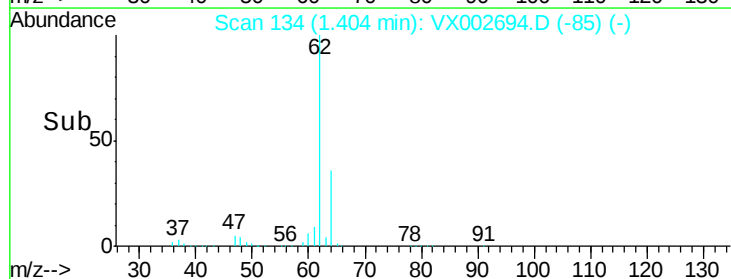
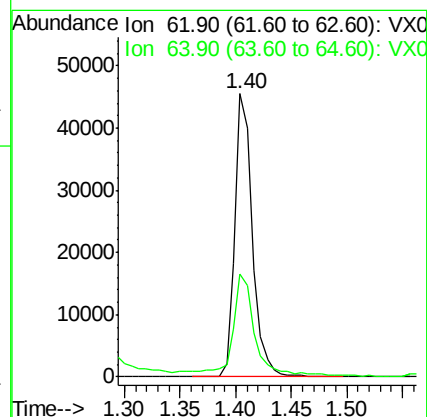
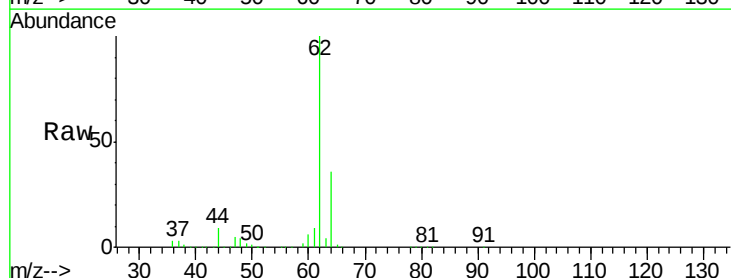
Acq: 18 Jun 2018 22:47

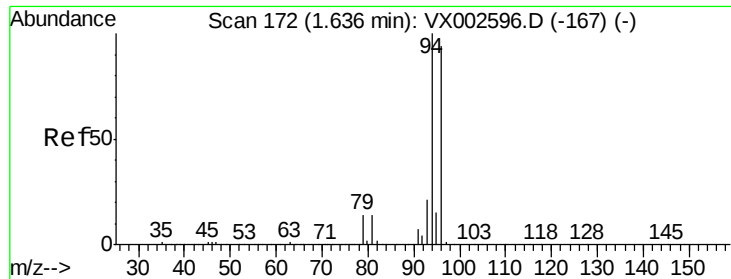
Tgt Ion: 62 Resp: 49503

Ion Ratio Lower Upper

62 100

64 35.8 25.4 38.2





#5

Bromomethane

Concen: 17.951 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002694.D

Acq: 18 Jun 2018 22:47

Instrument :

MSVOA_X

ClientSampleId :

VX0618WBSD02

Tot Ion: 94 Resp: 30203

Ion Ratio Lower Upper

94 100

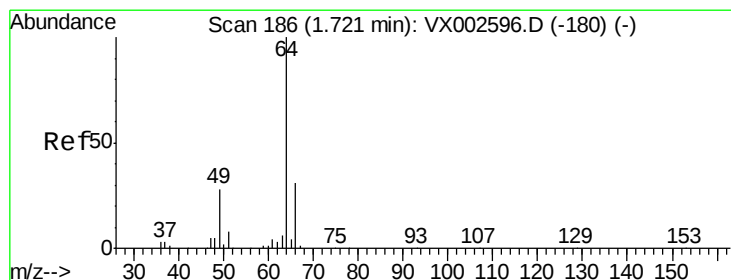
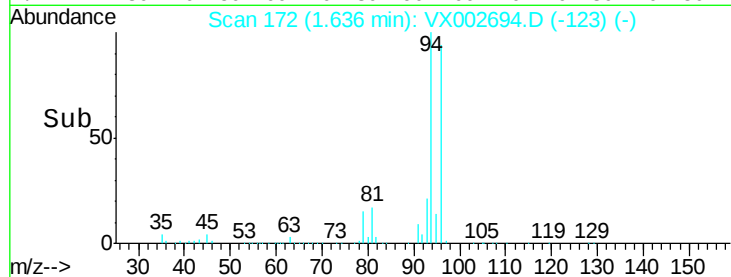
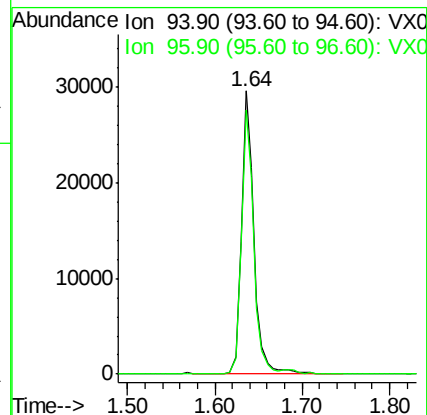
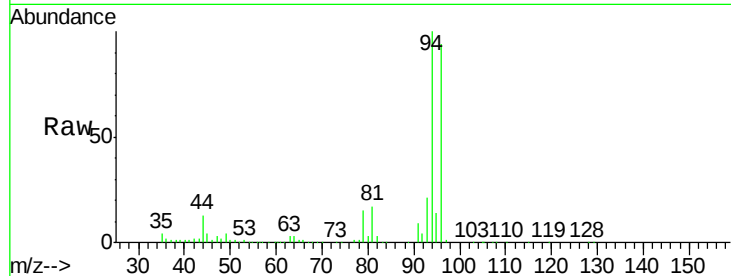
96 93.5 74.9 112.3

Manual Integrations

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#6

Chloroethane

Concen: 18.681 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX002694.D

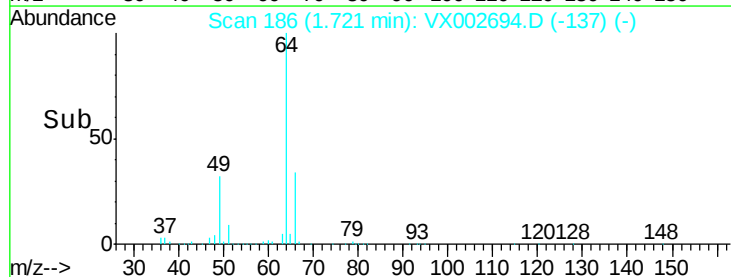
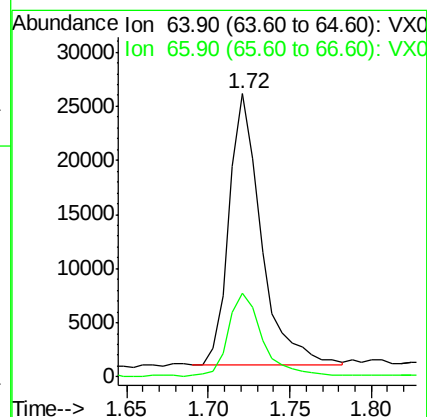
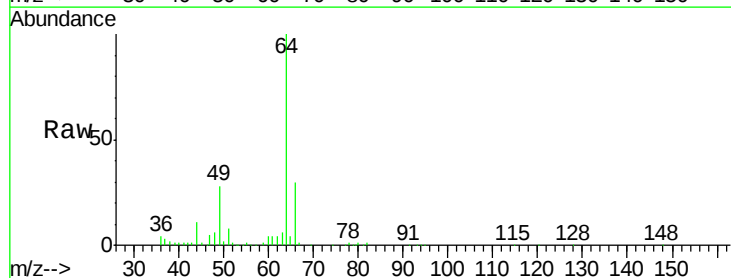
Acq: 18 Jun 2018 22:47

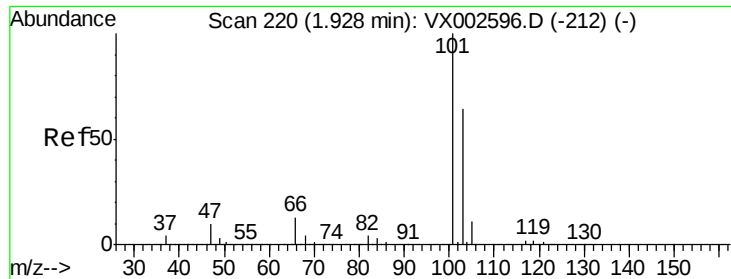
Tgt Ion: 64 Resp: 34335

Ion Ratio Lower Upper

64 100

66 30.6 25.5 38.3





#7

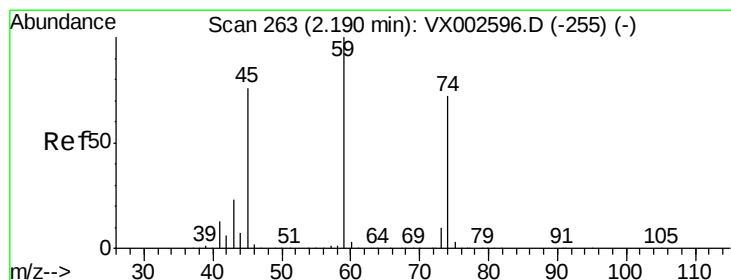
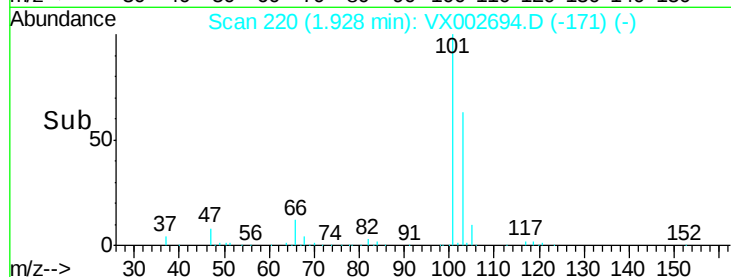
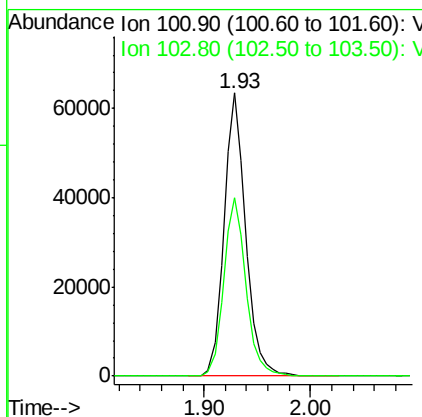
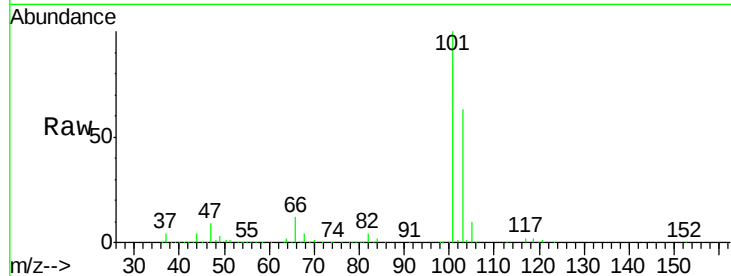
Trichlorofluoromethane
 Concen: 19.889 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.00 min
 Lab File: VX002694.D
 Acq: 18 Jun 2018 22:47

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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.1	52.8	79.2

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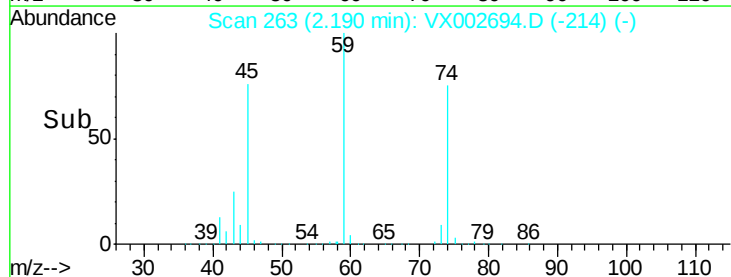
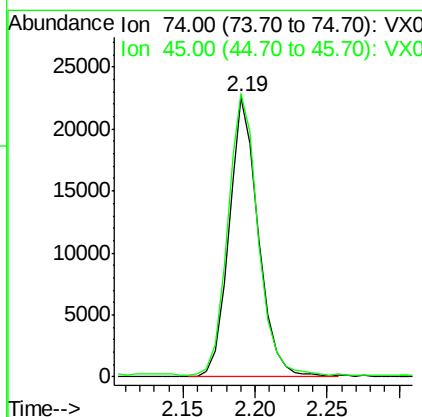
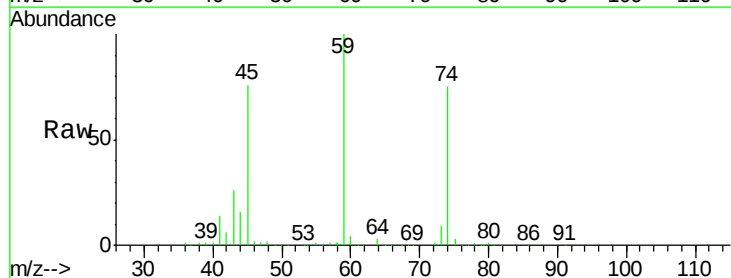
MMDadoda
 6/19/2018 1:05:35 PM

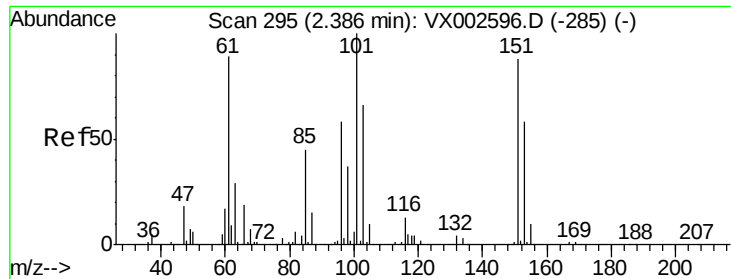


#8

Diethyl Ether
 Concen: 18.648 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX002694.D
 Acq: 18 Jun 2018 22:47

Tgt Ion	Ratio	Lower	Upper
74	100		
45	104.2	53.1	159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.960 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX002694.D

Acq: 18 Jun 2018 22:47

Instrument :

MSVOA_X

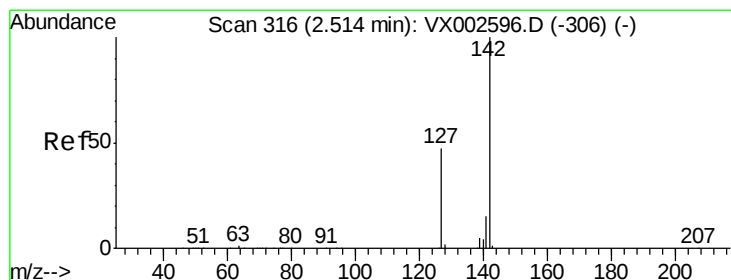
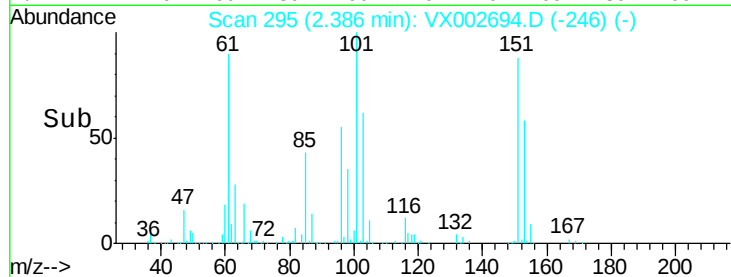
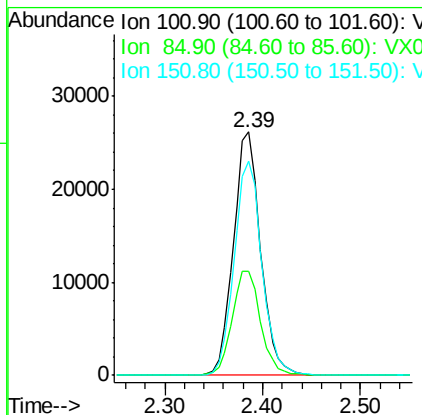
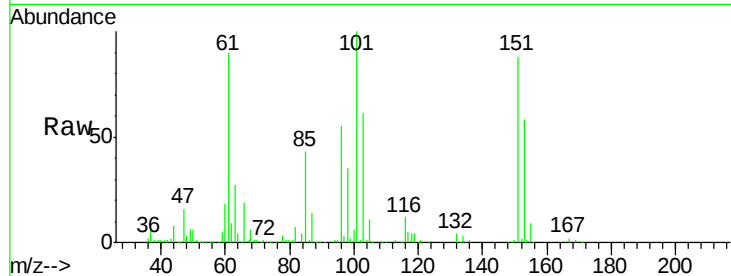
ClientSampleId :

VX0618WBSD02

Tot Ion:	101	Resp:	50547
Ion Ratio	Lower	Upper	
101	100		
85	45.0	36.0	54.0
151	89.5	70.9	106.3

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#10

Methyl Iodide

Concen: 16.676 ug/l

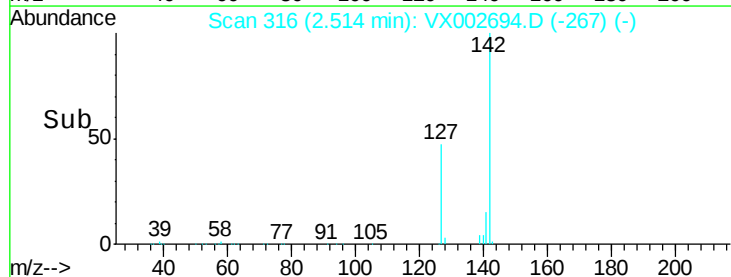
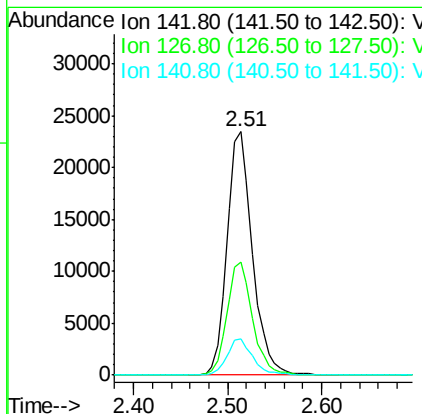
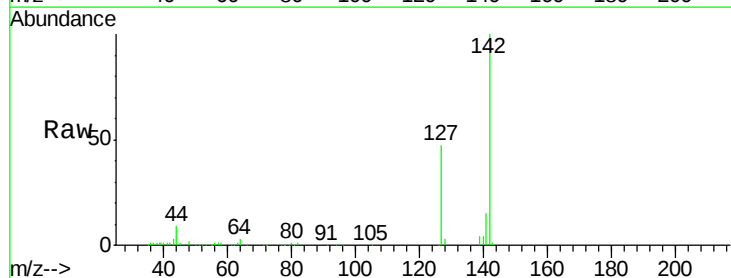
RT: 2.51 min Scan# 316

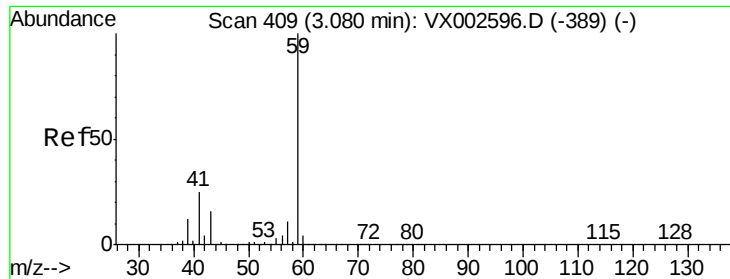
Delta R.T. 0.00 min

Lab File: VX002694.D

Acq: 18 Jun 2018 22:47

Tgt Ion:	142	Resp:	43827
Ion Ratio	Lower	Upper	
142	100		
127	46.6	36.6	55.0
141	15.0	11.3	16.9





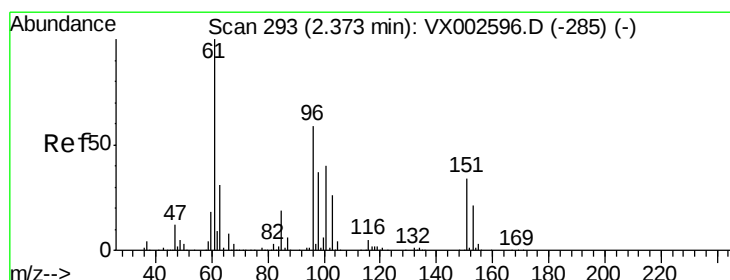
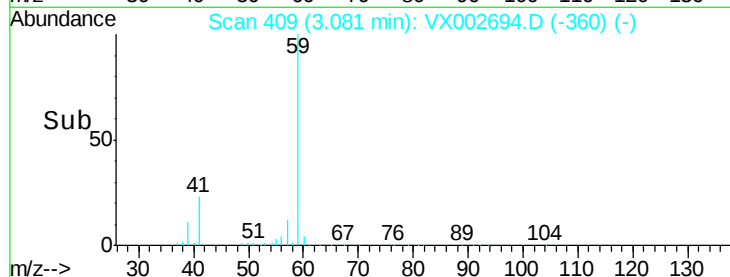
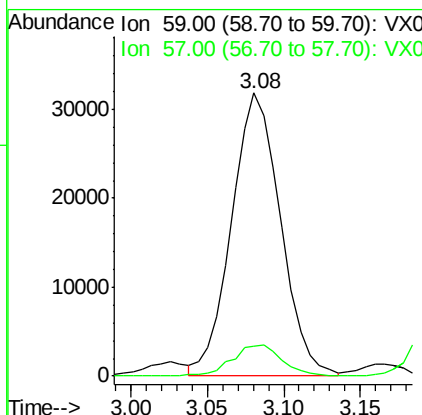
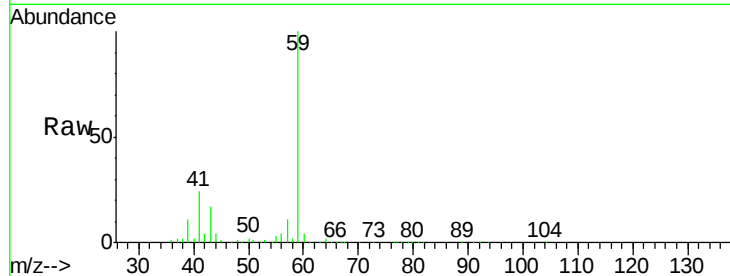
#11
Tert butyl alcohol
Concen: 105.923 ug/l
RT: 3.08 min Scan# 409
Delta R.T. 0.00 min
Lab File: VX002694.D
Acq: 18 Jun 2018 22:47

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBSD02

Tot Ion: 59 Resp: 70807
Ion Ratio Lower Upper
59 100
57 11.6 8.2 12.2

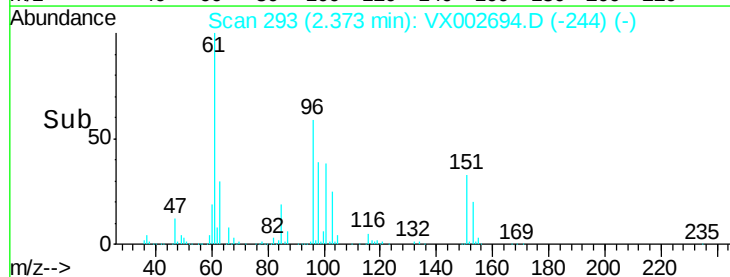
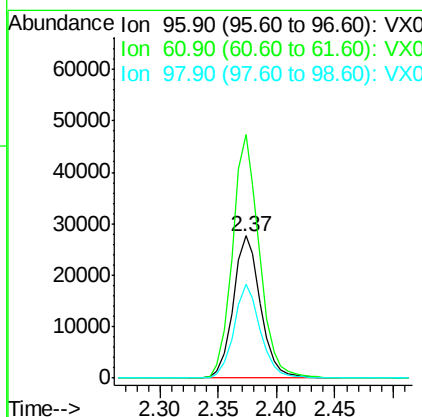
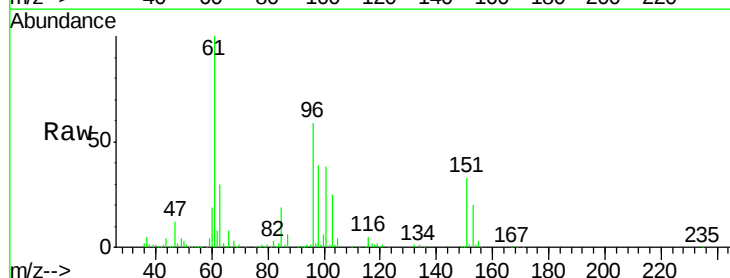
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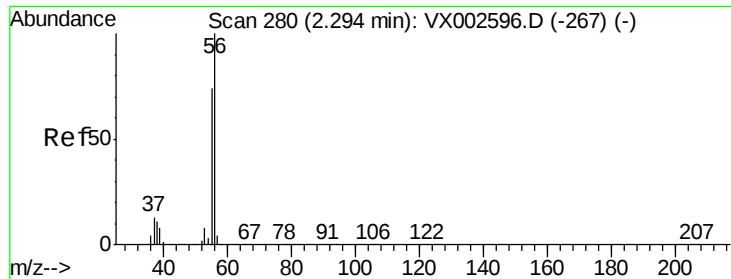
MMDadoda
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#12
1,1-Dichloroethene
Concen: 18.945 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.00 min
Lab File: VX002694.D
Acq: 18 Jun 2018 22:47

Tgt Ion: 96 Resp: 45044
Ion Ratio Lower Upper
96 100
61 170.7 137.9 206.9
98 66.3 51.6 77.4





#13

Acrolein

Concen: 67.730 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX002694.D

Acq: 18 Jun 2018 22:47

Instrument :

MSVOA_X

ClientSampleId :

VX0618WBSD02

Tot Ion: 56 Resp: 19613

Ion Ratio Lower Upper

56 100

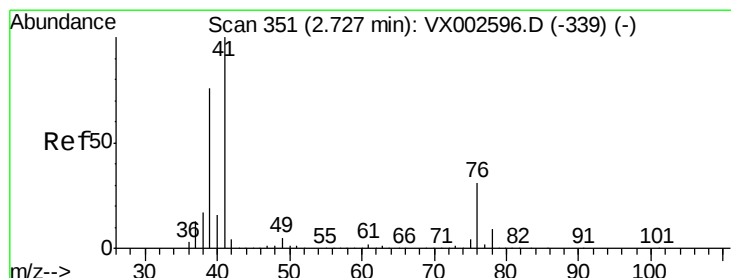
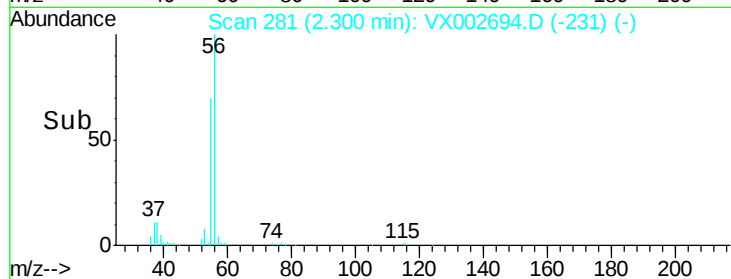
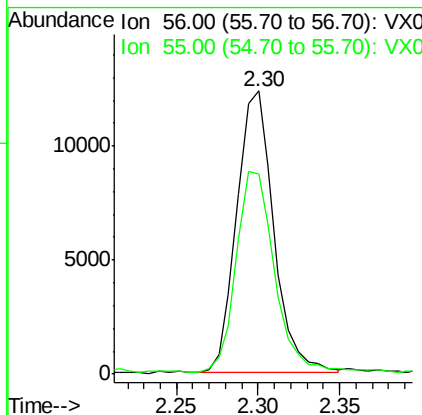
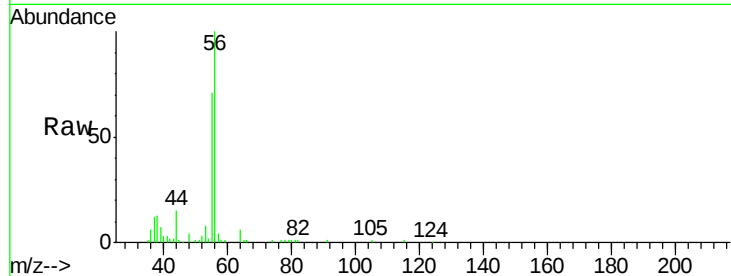
55 74.4 57.0 85.4

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#14

Allyl chloride

Concen: 18.564 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX002694.D

Acq: 18 Jun 2018 22:47

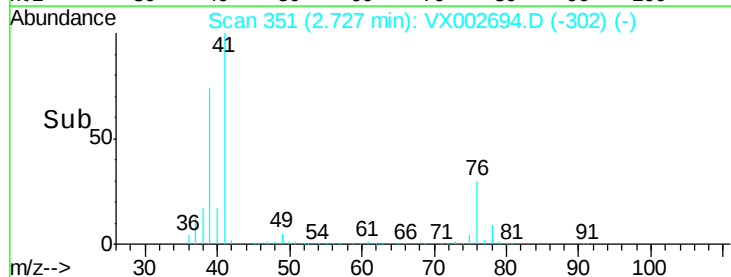
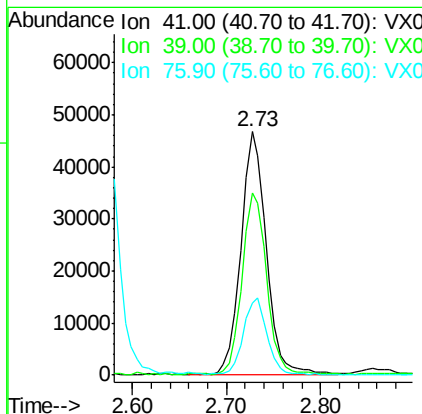
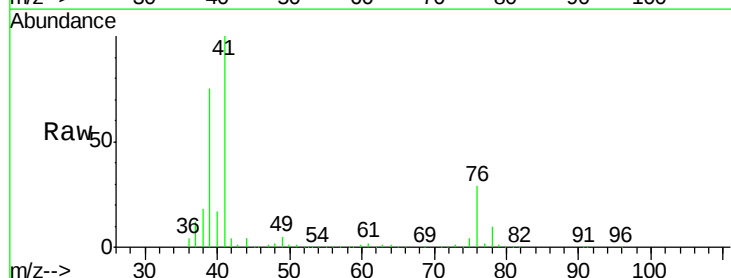
Tgt Ion: 41 Resp: 87641

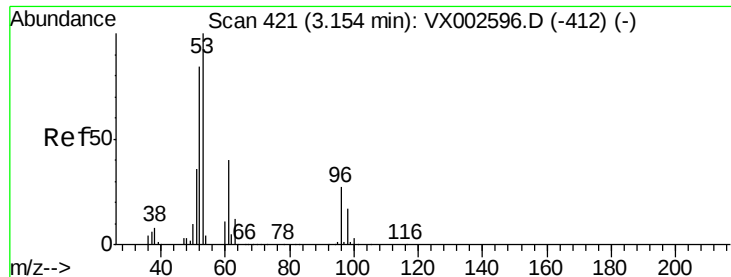
Ion Ratio Lower Upper

41 100

39 72.5 56.8 85.2

76 30.3 23.8 35.8





#15

Acrylonitrile

Concen: 101.490 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002694.D

Acq: 18 Jun 2018 22:47

Instrument :

MSVOA_X

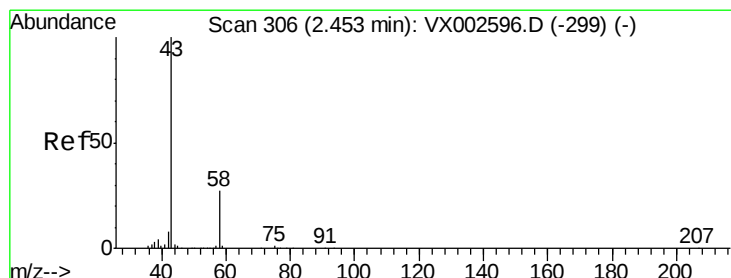
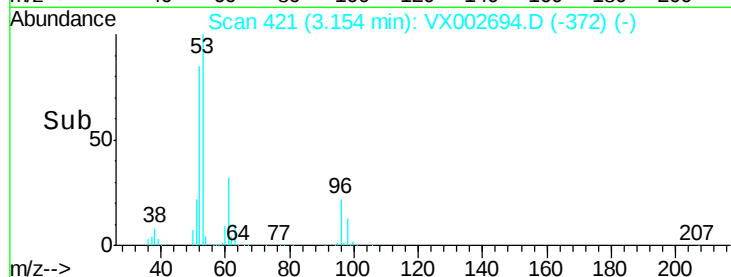
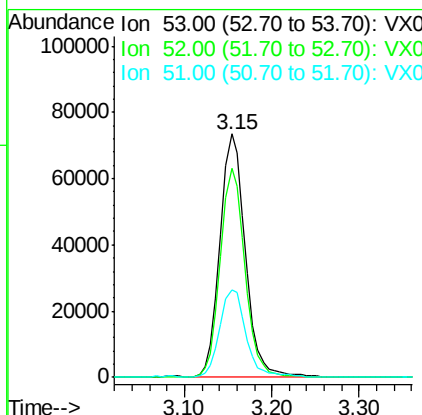
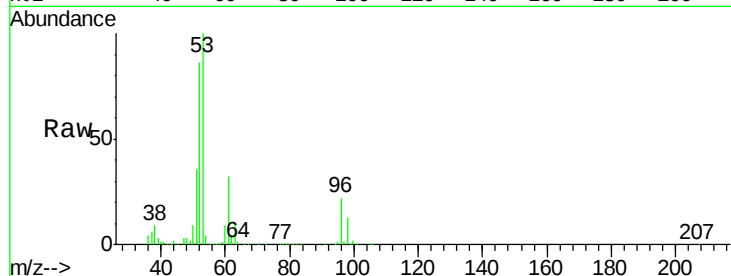
ClientSampleId :

VX0618WBSD02

Tot Ion:	53	Resp:	148045
Ion	Ratio	Lower	Upper
53	100		
52	83.7	66.7	100.1
51	37.1	29.9	44.9

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#16

Acetone

Concen: 97.389 ug/l

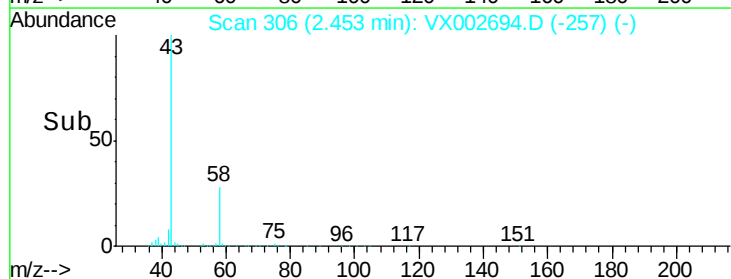
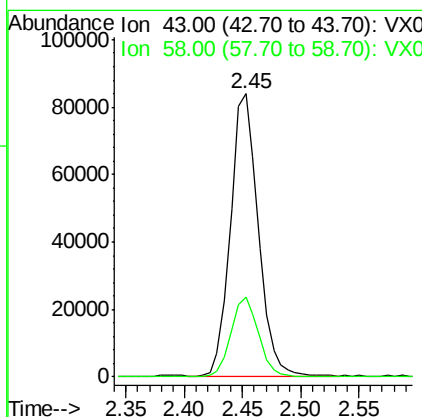
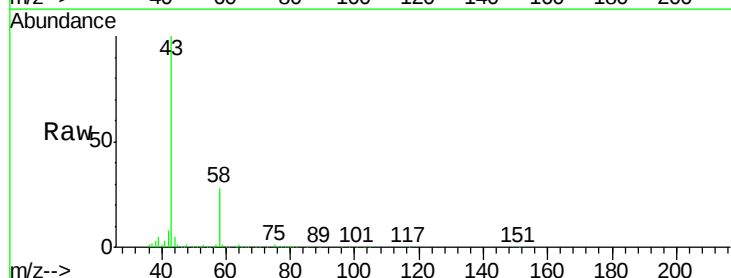
RT: 2.45 min Scan# 306

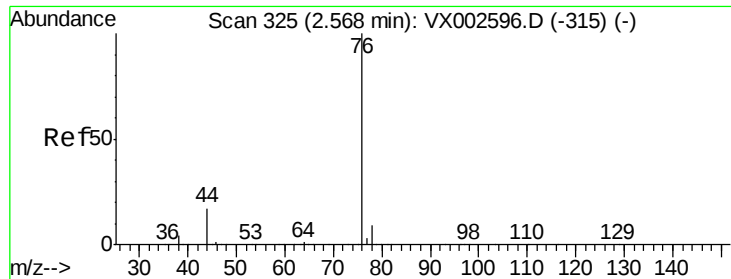
Delta R.T. 0.00 min

Lab File: VX002694.D

Acq: 18 Jun 2018 22:47

Tgt Ion:	43	Resp:	138939
Ion	Ratio	Lower	Upper
43	100		
58	28.2	22.1	33.1





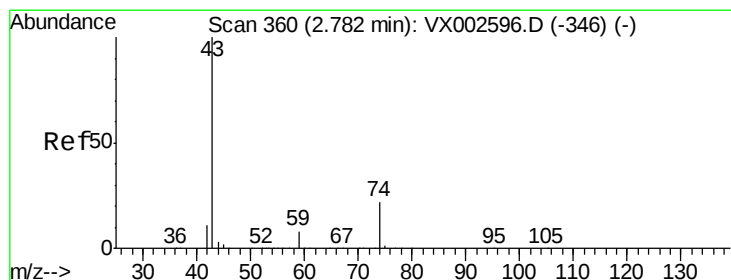
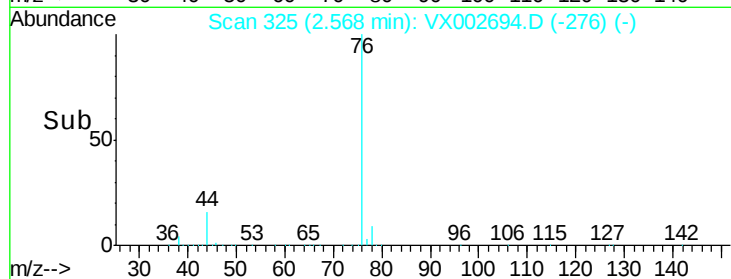
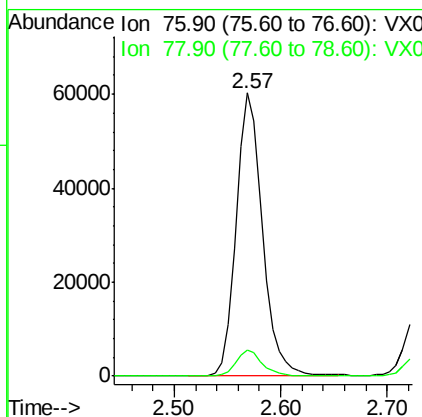
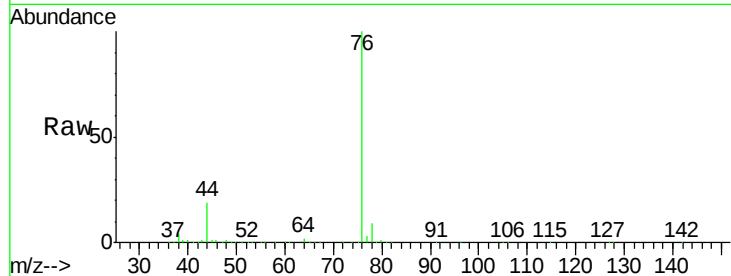
#17
Carbon Disulfide
Concen: 18.603 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX002694.D
Acq: 18 Jun 2018 22:47

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBSD02

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	6.9	10.3

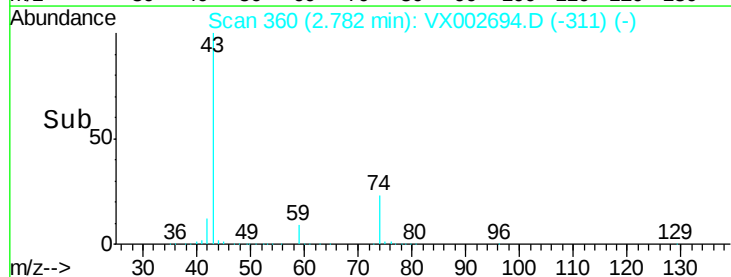
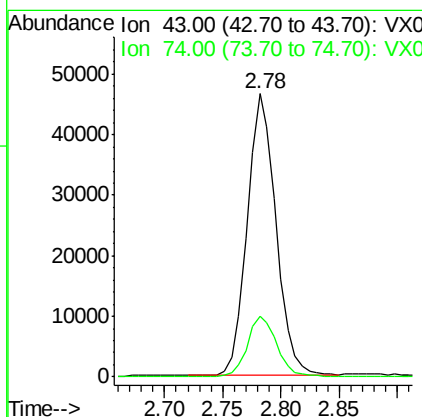
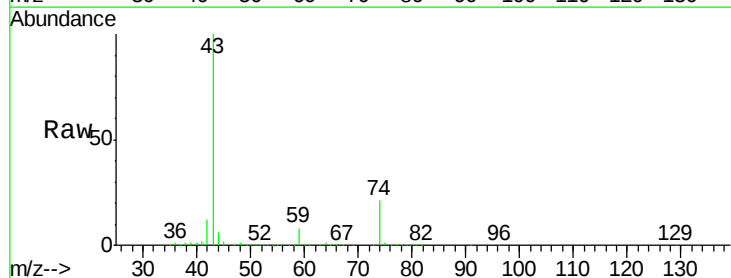
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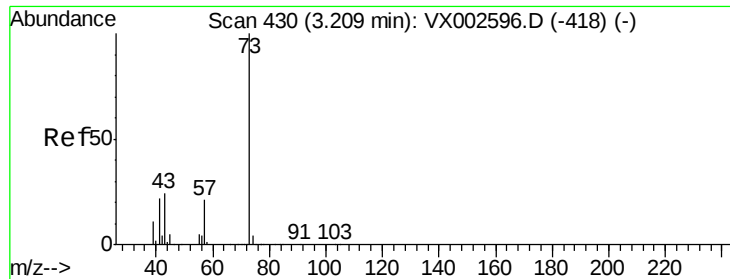
MMDadoda
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#18
Methyl Acetate
Concen: 21.247 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX002694.D
Acq: 18 Jun 2018 22:47

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.3	16.7	25.1





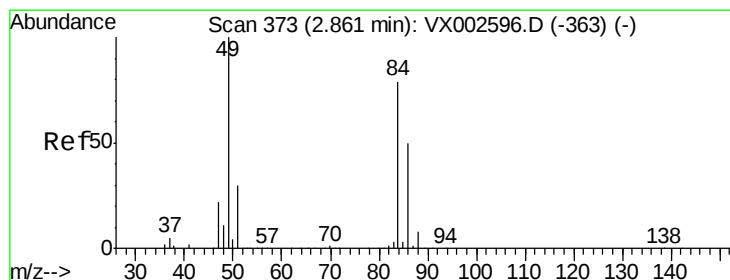
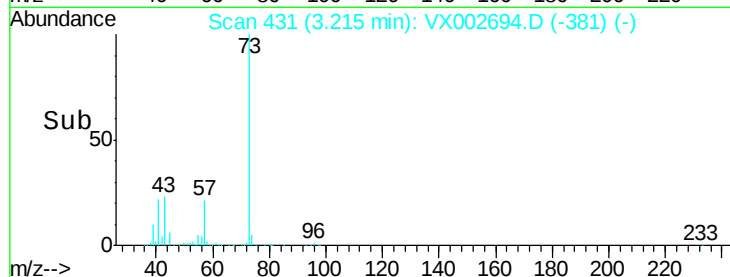
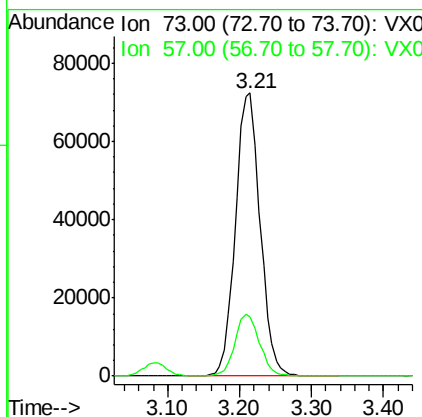
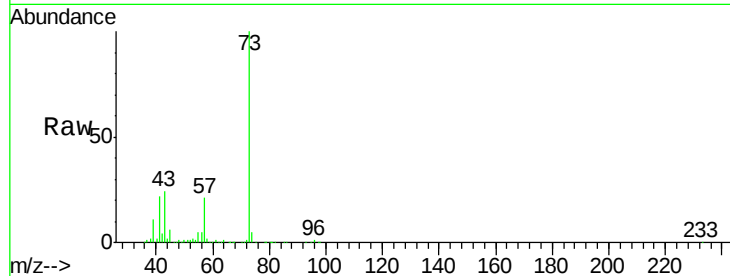
#19
Methvl tert-butvl Ether
Concen: 19.298 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.01 min
Lab File: VX002694.D
Acq: 18 Jun 2018 22:47

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBSD02

Tot Ion: 73 Resp: 172124
Ion Ratio Lower Upper
73 100
57 21.0 17.7 26.5

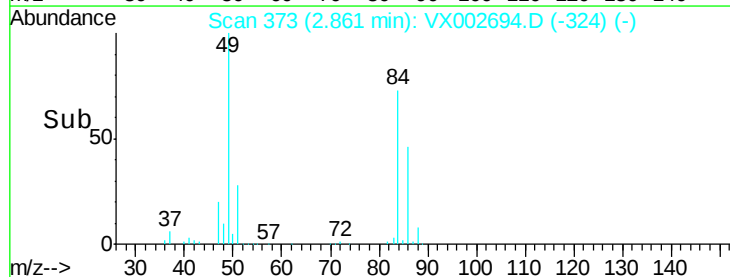
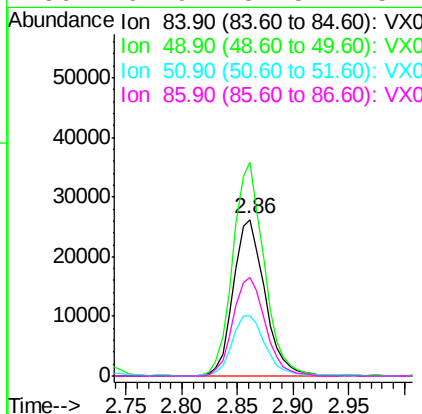
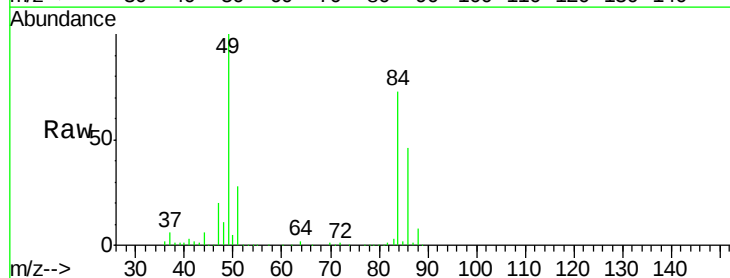
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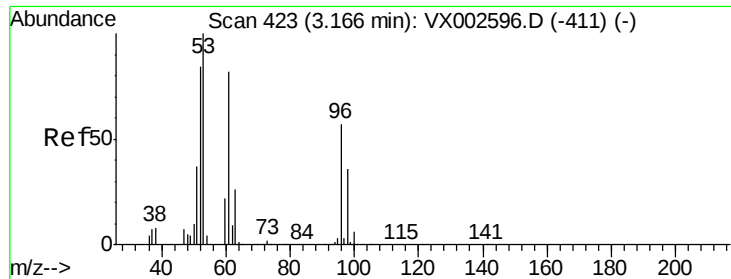
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#20
Methylene Chloride
Concen: 17.614 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002694.D
Acq: 18 Jun 2018 22:47

Tgt Ion: 84 Resp: 51525
Ion Ratio Lower Upper
84 100
49 136.5 107.8 161.6
51 38.3 32.8 49.2
86 62.9 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 18.646 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX002694.D

Acq: 18 Jun 2018 22:47

Instrument :

MSVOA_X

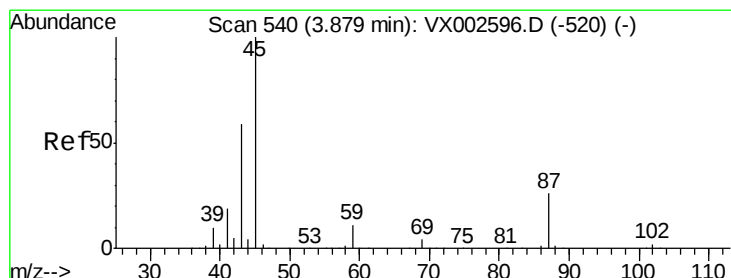
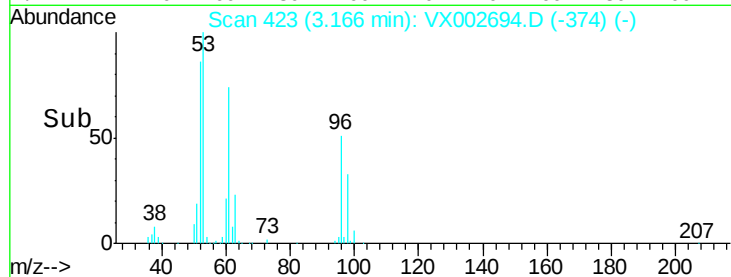
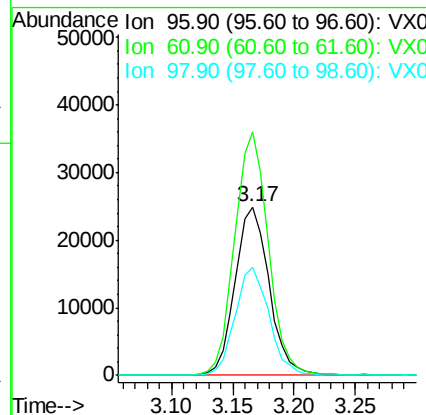
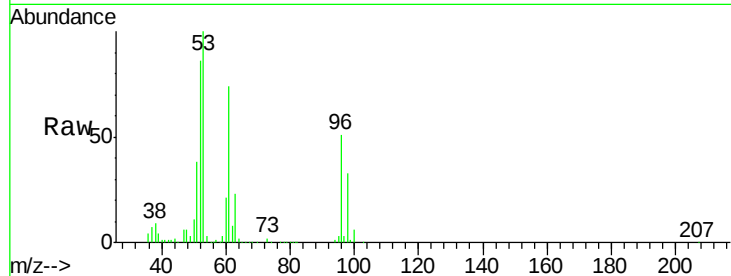
ClientSampleId :

VX0618WBSD02

Tot Ion:	96	Resp:	48097
Ion	Ratio	Lower	Upper
96	100		
61	144.5	117.0	175.4
98	64.4	52.4	78.6

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#22

Diisopropyl ether

Concen: 19.251 ug/l

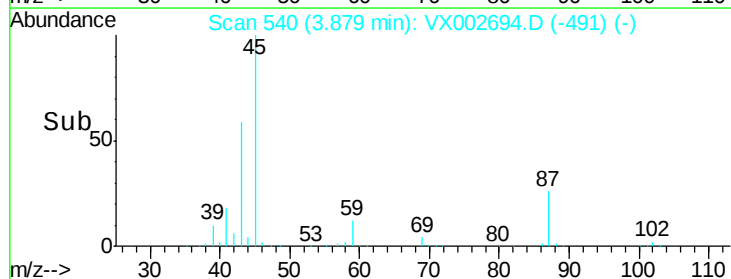
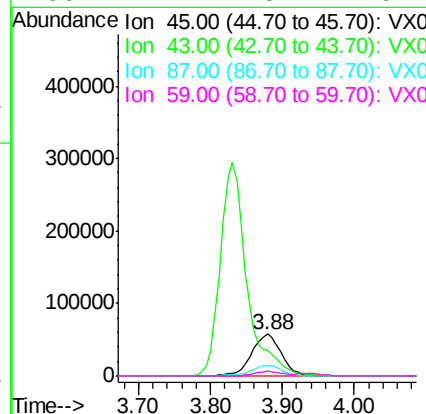
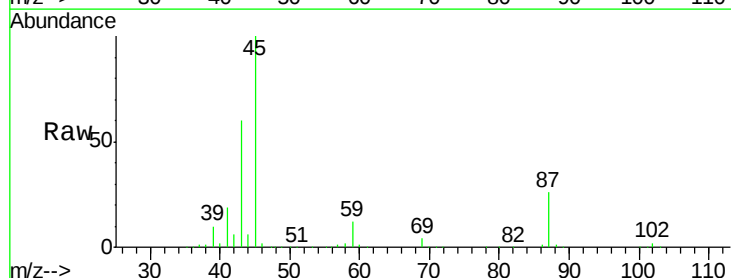
RT: 3.88 min Scan# 540

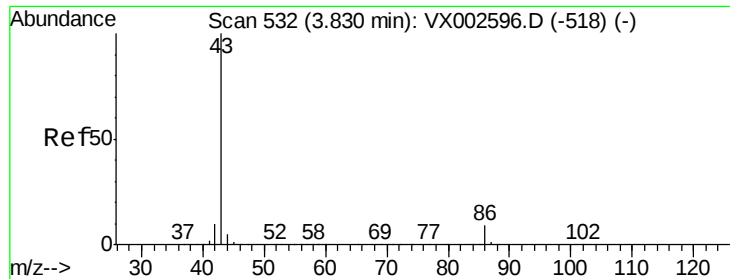
Delta R.T. 0.00 min

Lab File: VX002694.D

Acq: 18 Jun 2018 22:47

Tgt Ion:	45	Resp:	164427
Ion	Ratio	Lower	Upper
45	100		
43	59.0	46.8	70.2
87	25.9	20.2	30.4
59	11.4	8.7	13.1





#23

Vinyl Acetate

Concen: 105.613 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX002694.D

Acq: 18 Jun 2018 22:47

Instrument :

MSVOA_X

ClientSampleId :

VX0618WBSD02

Tot Ion: 43 Resp: 754996

Ion Ratio Lower Upper

43 100

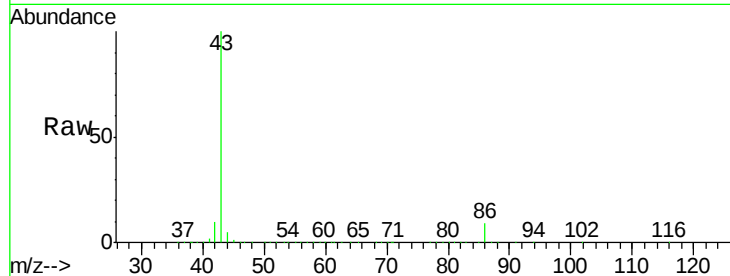
86 9.3 7.4 11.0

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

300000

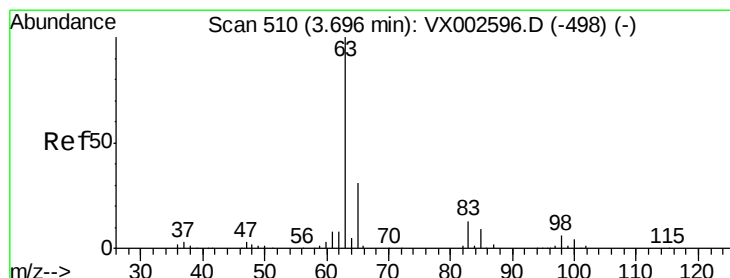
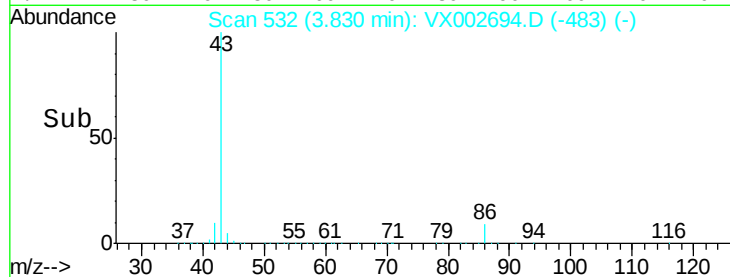
200000

100000

0

3.80 3.83 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 20.622 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX002694.D

Acq: 18 Jun 2018 22:47

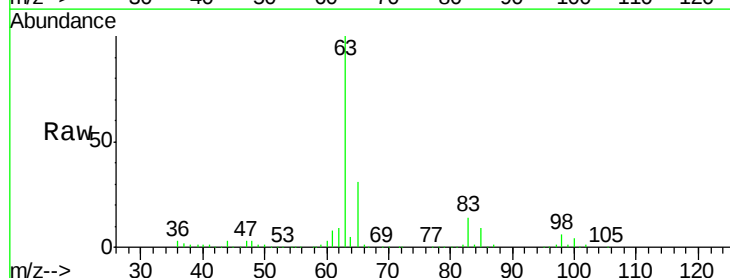
Tgt Ion: 63 Resp: 95599

Ion Ratio Lower Upper

63 100

98 6.1 3.4 10.2

100 4.2 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

50000

40000

30000

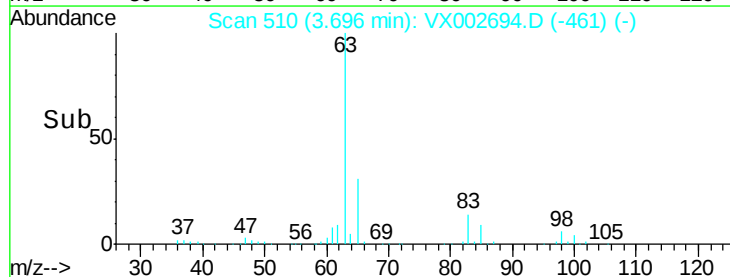
20000

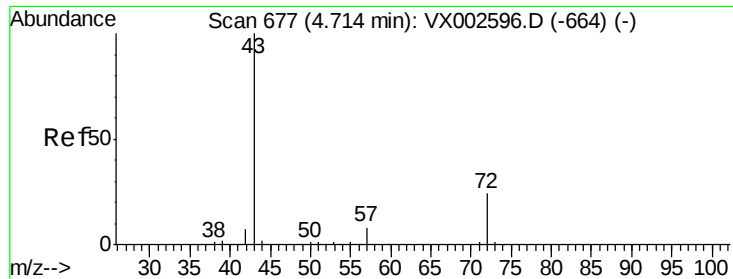
10000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 105.081 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX002694.D

Acq: 18 Jun 2018 22:47

Instrument :

MSVOA_X

ClientSampleId :

VX0618WBSD02

Tot Ion: 43 Resp: 196875

Ion Ratio Lower Upper

43 100

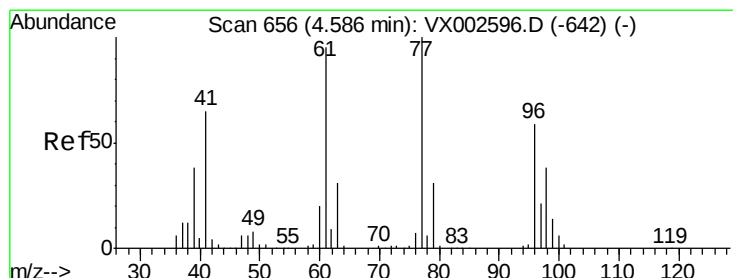
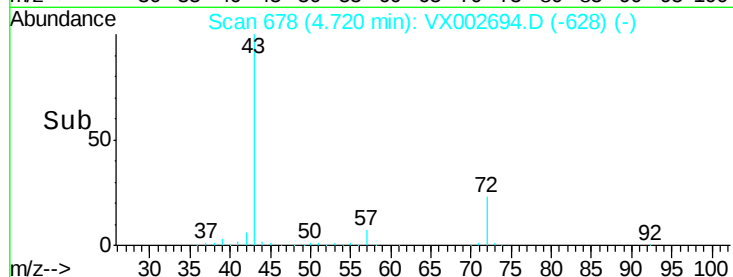
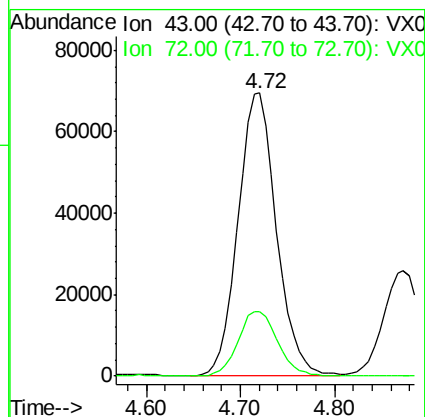
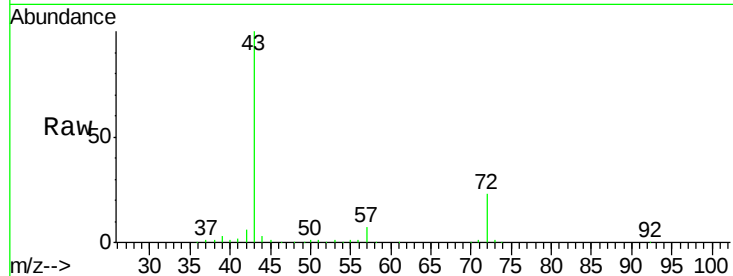
72 22.8 18.5 27.7

Manual Integrations

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6/19/2018 1:05:35 PM



#26

2,2-Dichloropropane

Concen: 15.633 ug/l

RT: 4.58 min Scan# 655

Delta R.T. -0.01 min

Lab File: VX002694.D

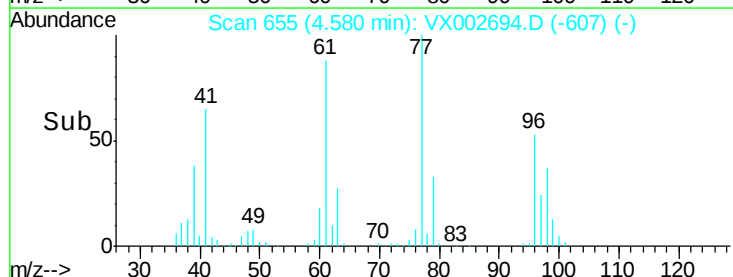
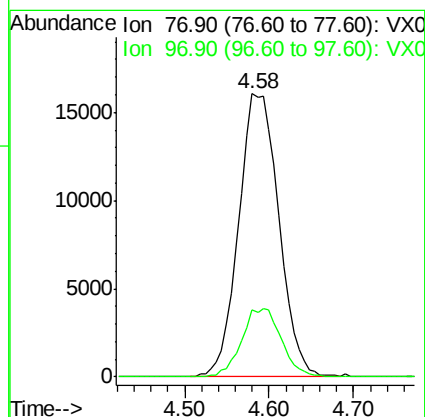
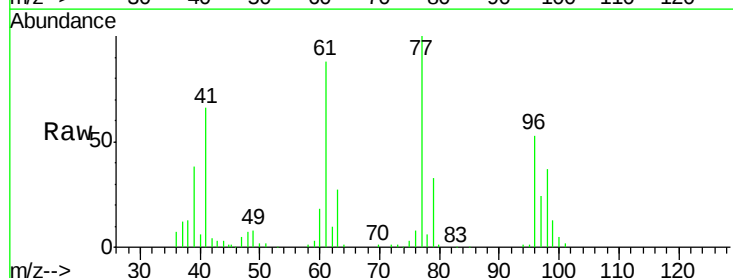
Acq: 18 Jun 2018 22:47

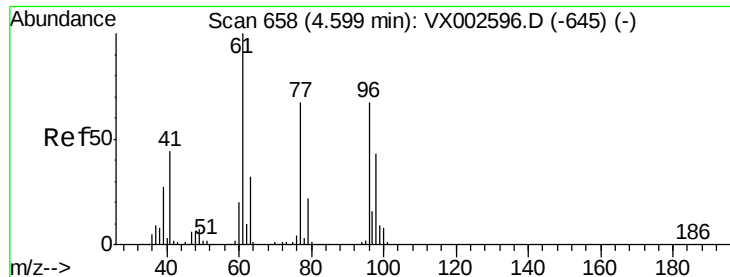
Tgt Ion: 77 Resp: 52074

Ion Ratio Lower Upper

77 100

97 23.6 11.2 33.5





#27

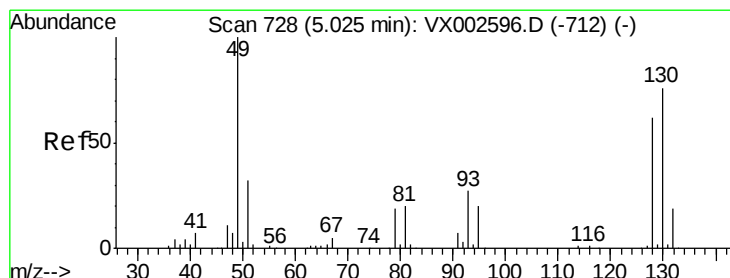
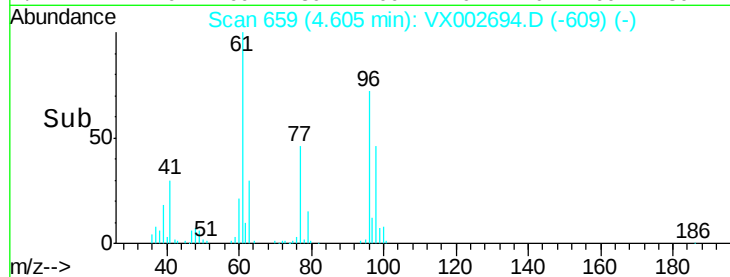
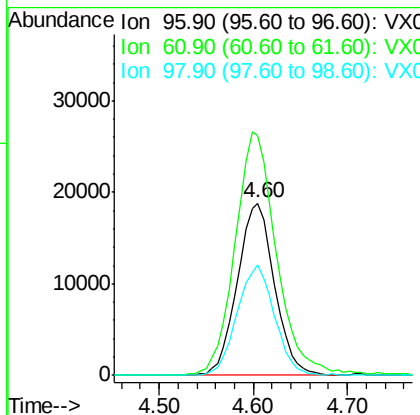
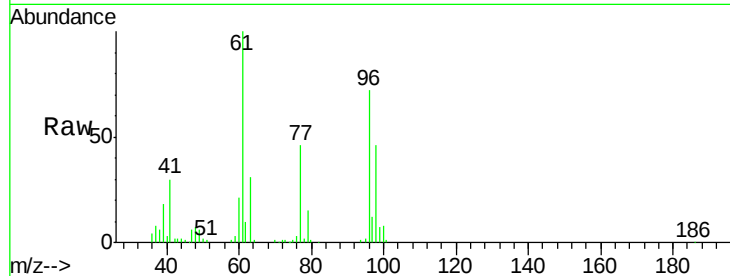
cis-1,2-Dichloroethene
 Concen: 19.776 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. 0.01 min
 Lab File: VX002694.D
 Acq: 18 Jun 2018 22:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0618WBSD02

Tot Ion	Ratio	Lower	Upper
96	100		
61	157.7	0.0	330.2
98	64.4	0.0	130.2

Manual Integrations
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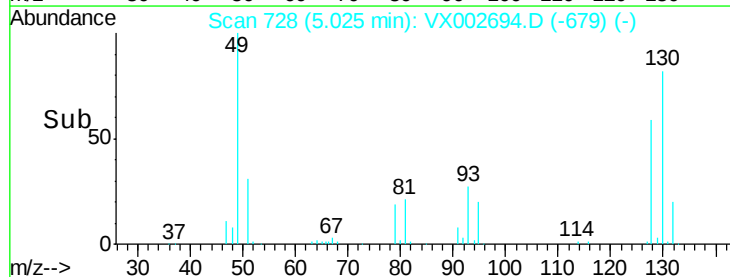
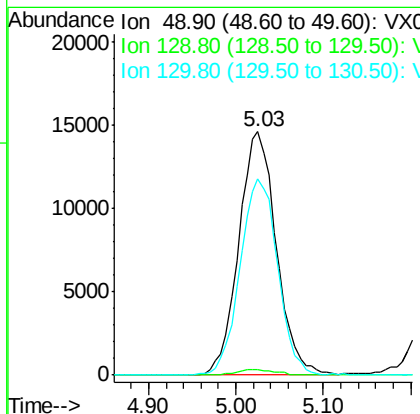
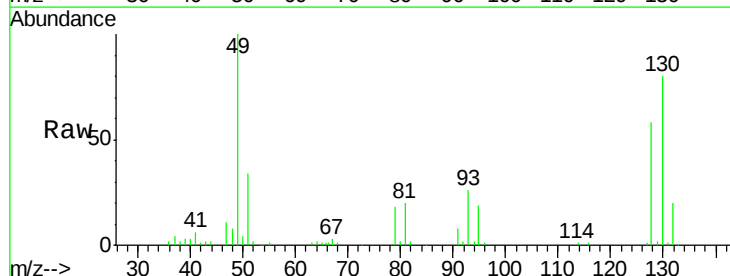
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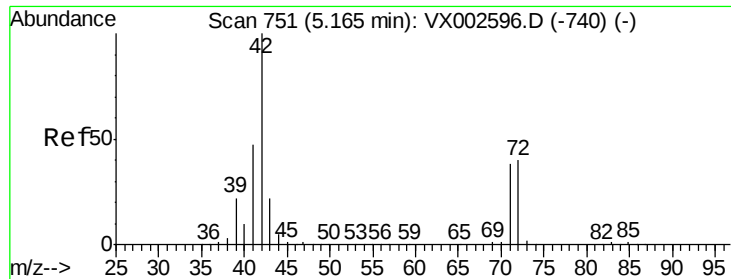


#28

Bromochloromethane
 Concen: 20.071 ug/l
 RT: 5.03 min Scan# 728
 Delta R.T. 0.00 min
 Lab File: VX002694.D
 Acq: 18 Jun 2018 22:47

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.2
130	80.4	61.2	91.8





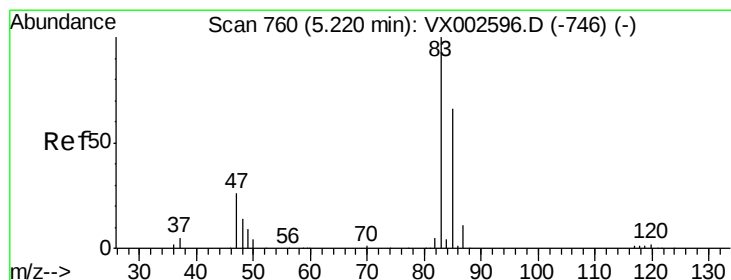
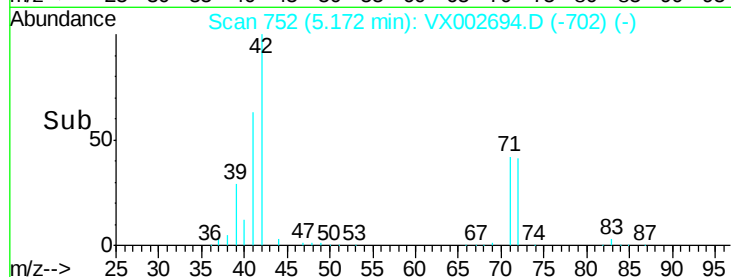
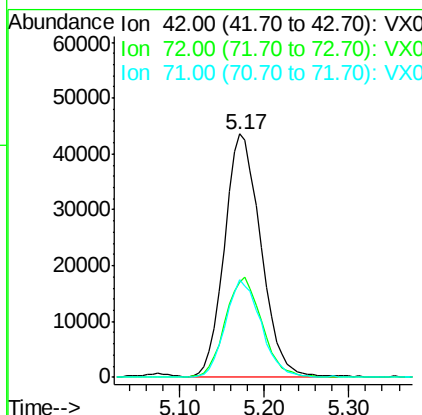
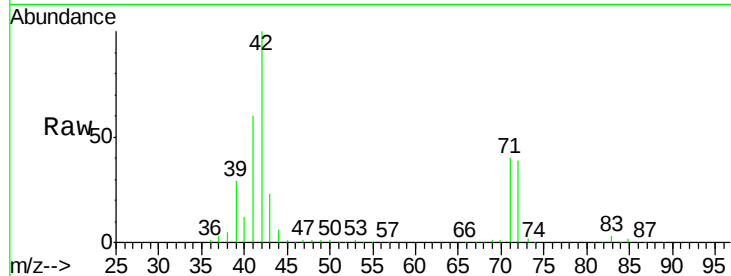
#29
Tetrahydrofuran
Concen: 103.562 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX002694.D
Acq: 18 Jun 2018 22:47

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBSD02

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.9	32.0	48.0
71	39.7	30.1	45.1

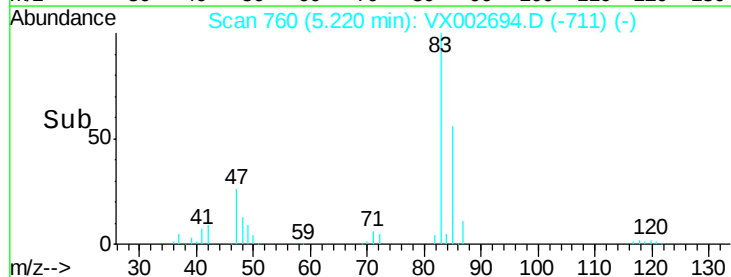
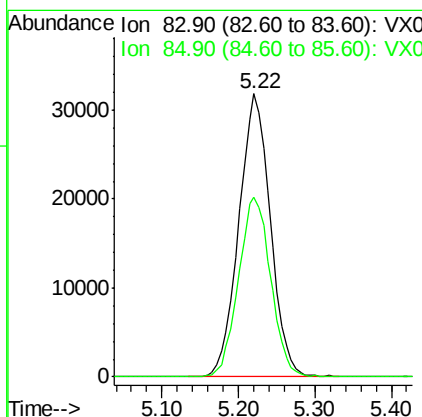
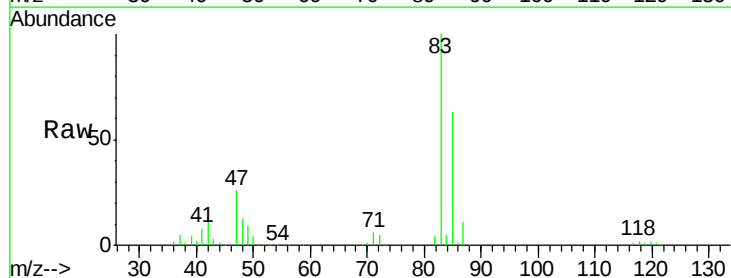
Manual Integrations
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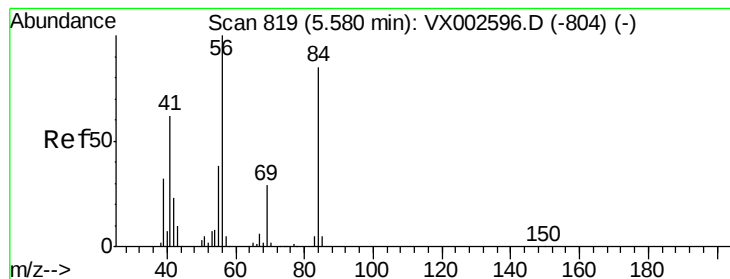
MMDadoda
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#30
Chloroform
Concen: 20.416 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX002694.D
Acq: 18 Jun 2018 22:47

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.3	50.4	75.6





#31

Cyclohexane

Concen: 19.504 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.00 min

Lab File: VX002694.D

Acq: 18 Jun 2018 22:47

Instrument :

MSVOA_X

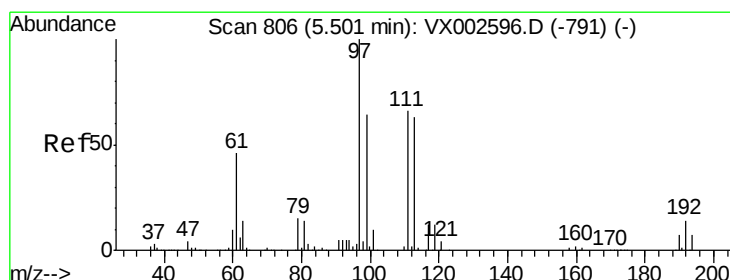
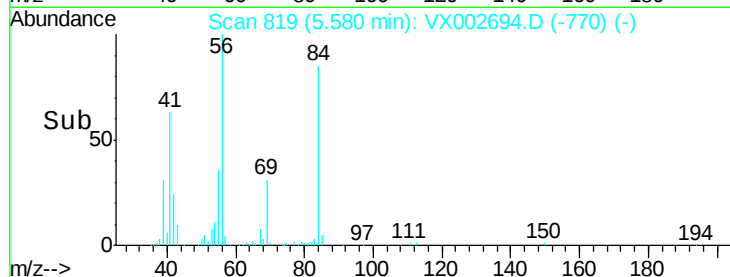
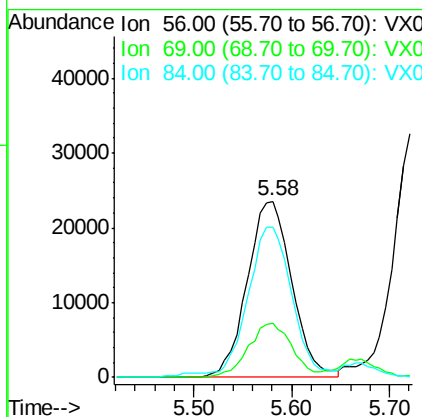
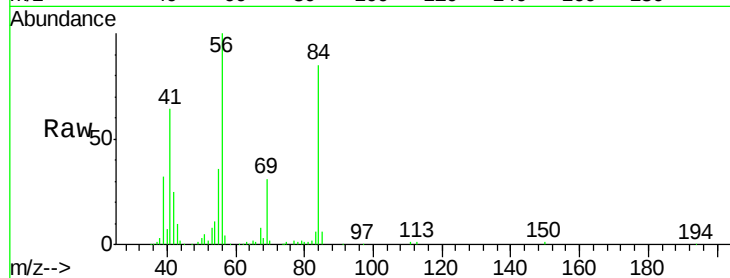
ClientSampleId :

VX0618WBSD02

Tot Ion:	56	Resp:	74443
Ion	Ratio	Lower	Upper
56	100		
69	30.9	23.7	35.5
84	83.2	64.1	96.1

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 20.746 ug/l

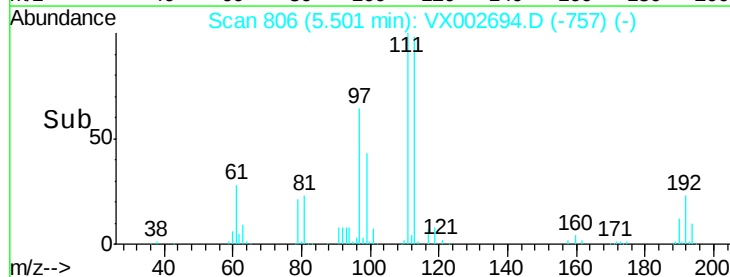
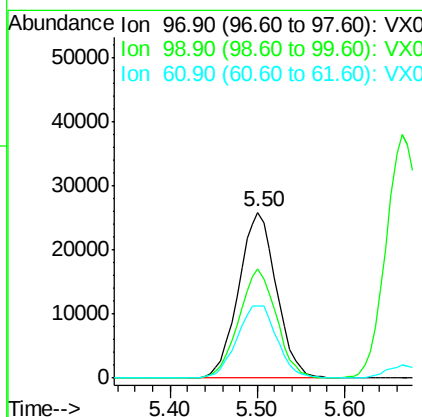
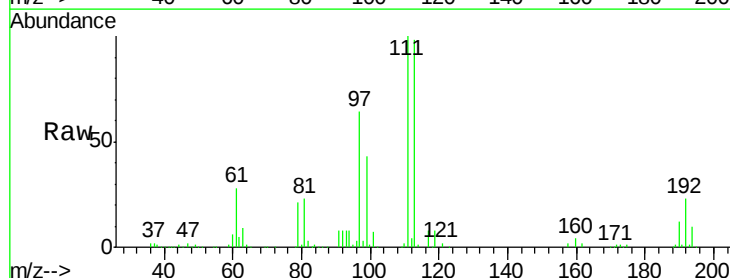
RT: 5.50 min Scan# 806

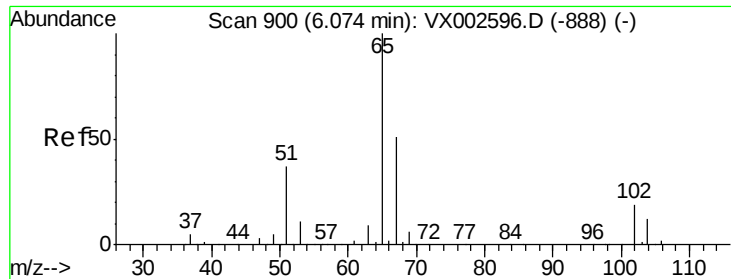
Delta R.T. 0.00 min

Lab File: VX002694.D

Acq: 18 Jun 2018 22:47

Tgt Ion:	97	Resp:	77567
Ion	Ratio	Lower	Upper
97	100		
99	65.3	51.6	77.4
61	46.4	36.4	54.6





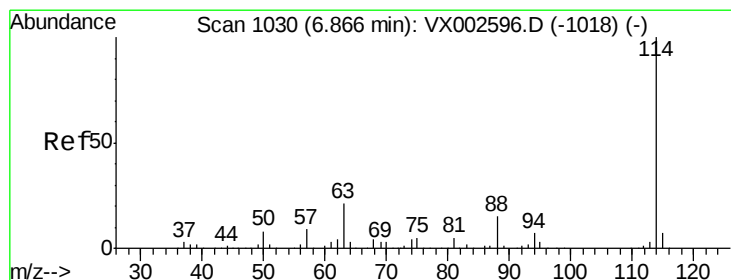
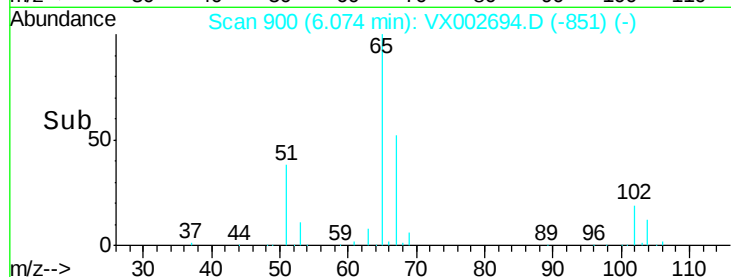
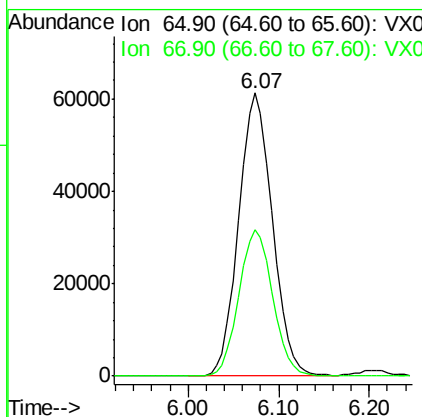
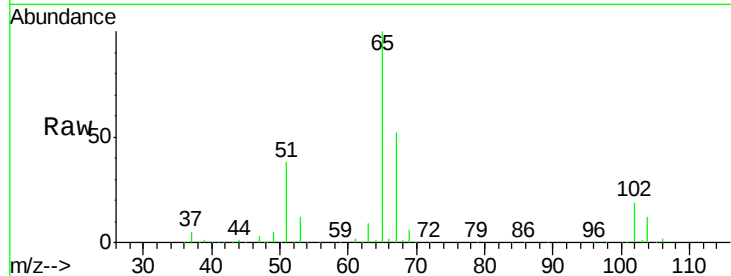
#33
 1,2-Dichloroethane-d4
 Concen: 48.857 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX002694.D
 Acq: 18 Jun 2018 22:47

Instrument :
 MSVOA_X
 ClientSampled :
 VX0618WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	157987		
67	52.1	0.0	102.6	

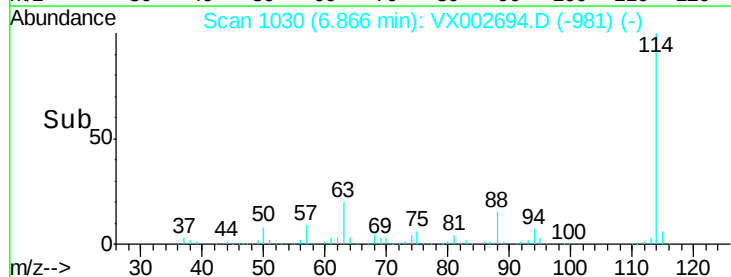
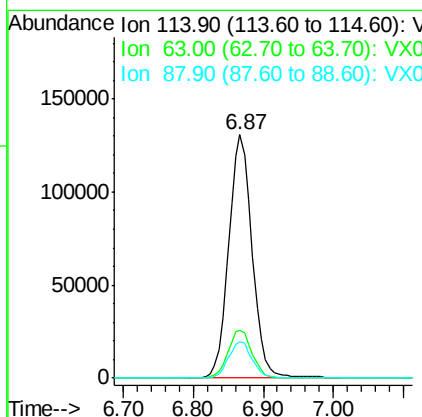
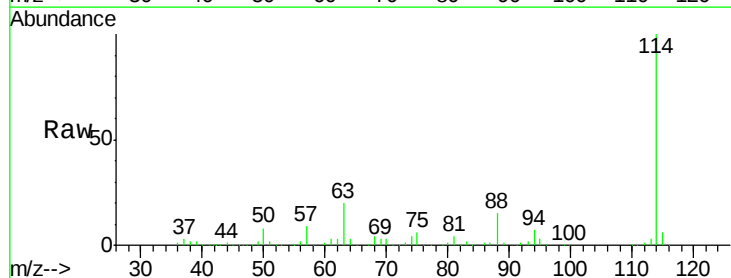
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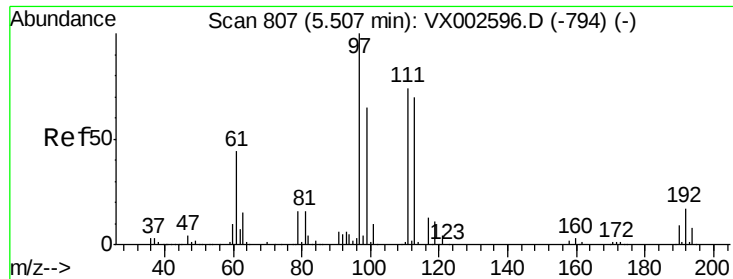
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX002694.D
 Acq: 18 Jun 2018 22:47

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	304150		
63	19.6	0.0	41.4	
88	15.0	0.0	30.0	





#35

Dibromofluoromethane

Concen: 51.505 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.01 min

Lab File: VX002694.D

Acq: 18 Jun 2018 22:47

Instrument :

MSVOA_X

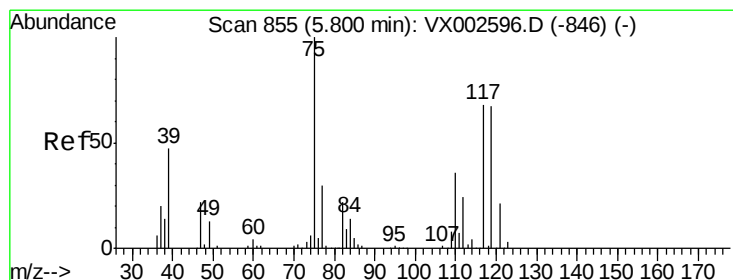
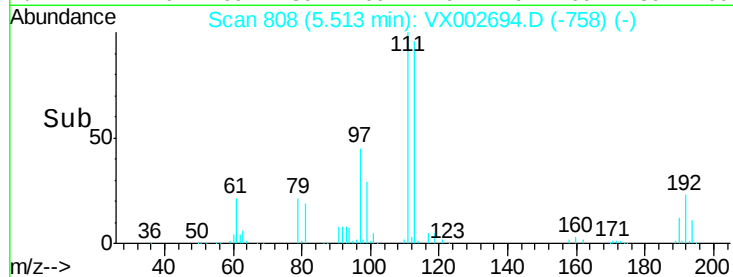
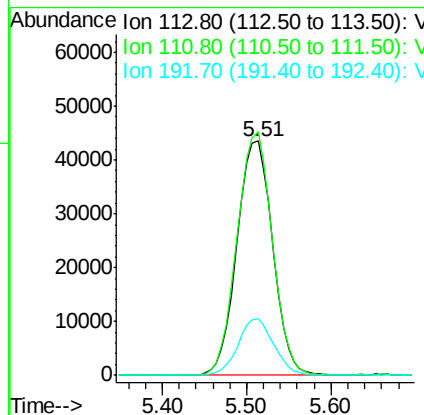
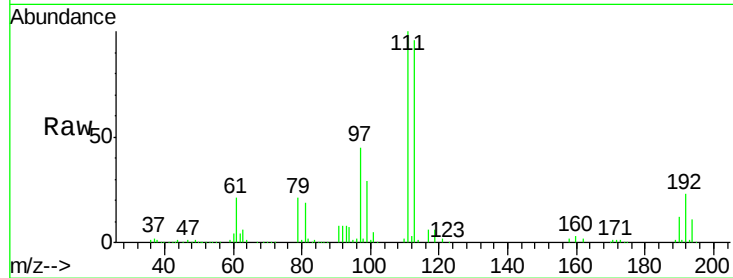
ClientSampleId :

VX0618WBSD02

Tot Ion:	113	Resp:	125023
Ion Ratio	Lower	Upper	
113	100		
111	102.8	81.4	122.0
192	24.0	19.1	28.7

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 19.238 ug/l

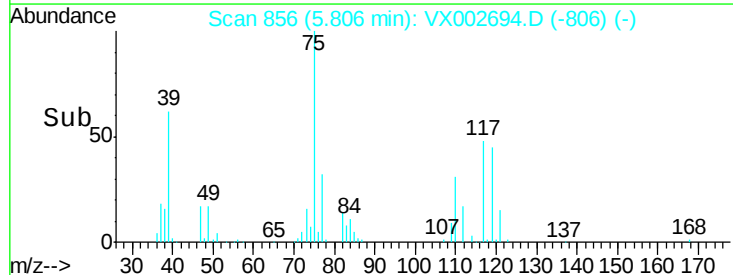
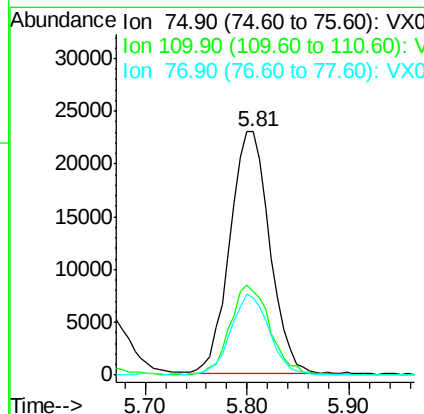
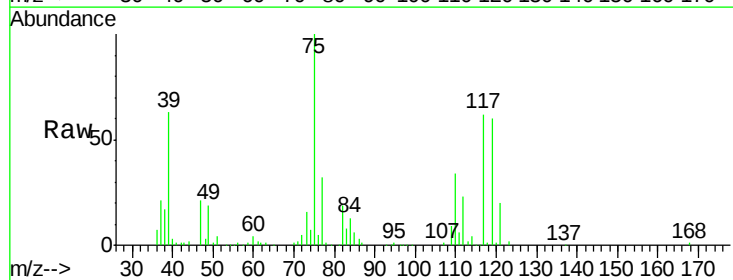
RT: 5.81 min Scan# 856

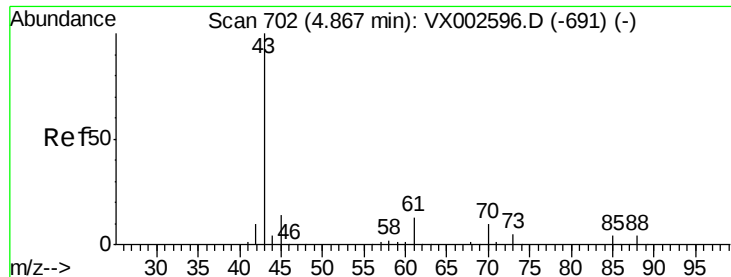
Delta R.T. 0.01 min

Lab File: VX002694.D

Acq: 18 Jun 2018 22:47

Tgt Ion:	75	Resp:	62145
Ion Ratio	Lower	Upper	
75	100		
110	37.5	18.1	54.4
77	32.3	24.3	36.5





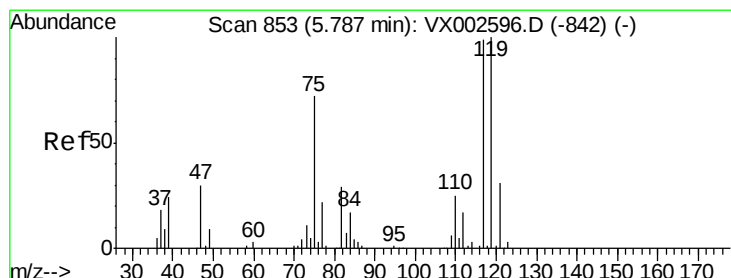
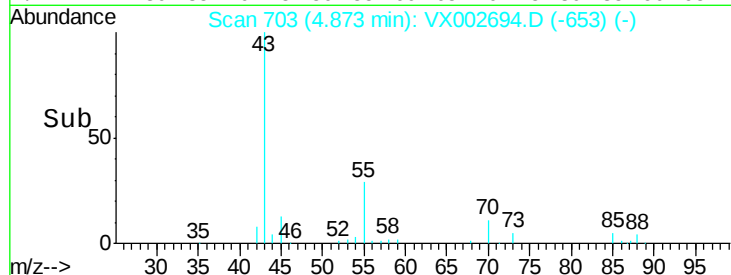
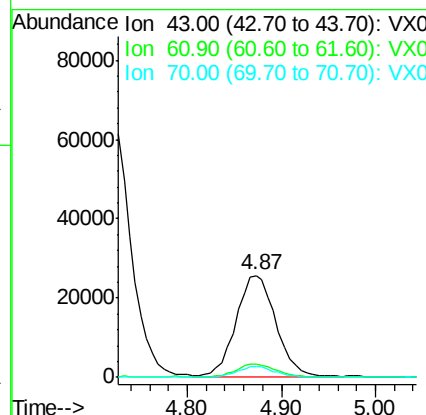
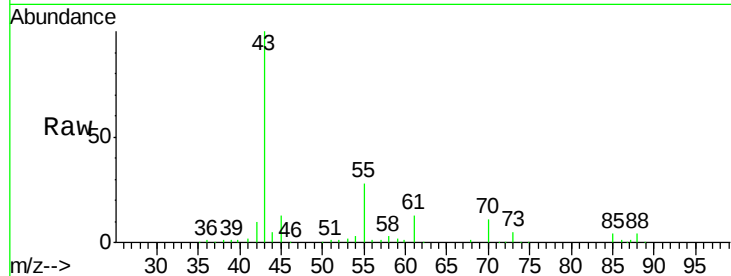
#37
Ethyl Acetate
Concen: 20.482 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.01 min
Lab File: VX002694.D
Acq: 18 Jun 2018 22:47

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.9	10.4	15.6
70	10.6	7.6	11.4

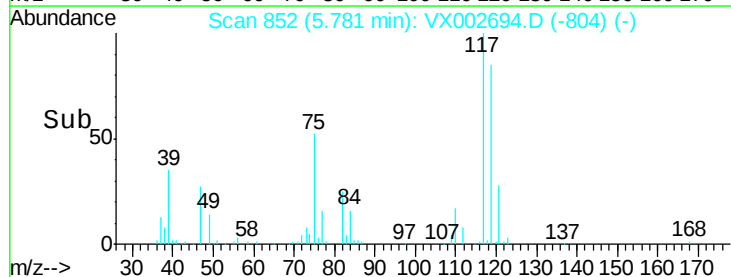
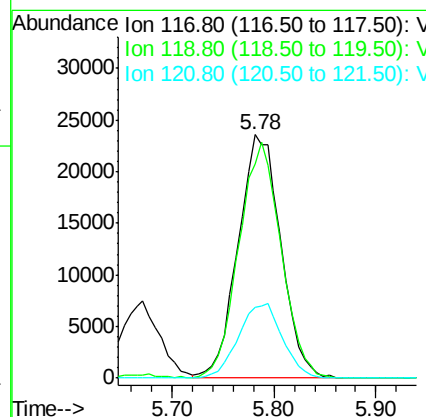
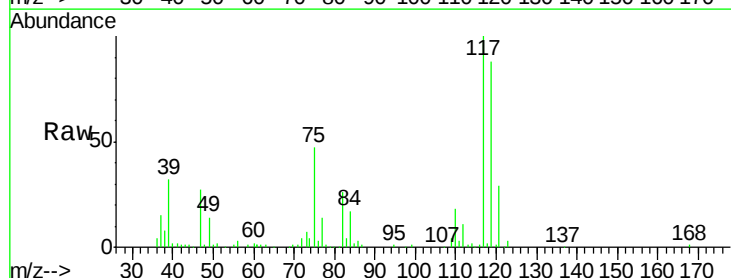
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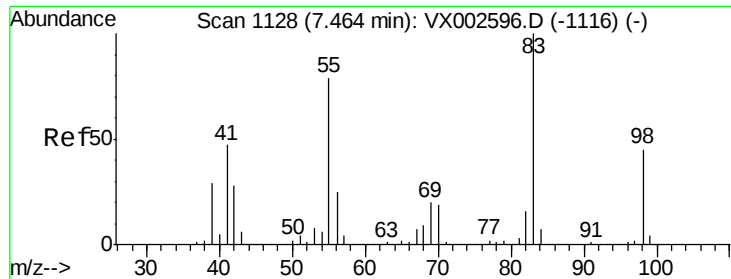
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#38
Carbon Tetrachloride
Concen: 21.358 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.01 min
Lab File: VX002694.D
Acq: 18 Jun 2018 22:47

Tgt Ion	Ratio	Lower	Upper
117	100		
119	87.7	77.4	116.0
121	29.0	24.4	36.6





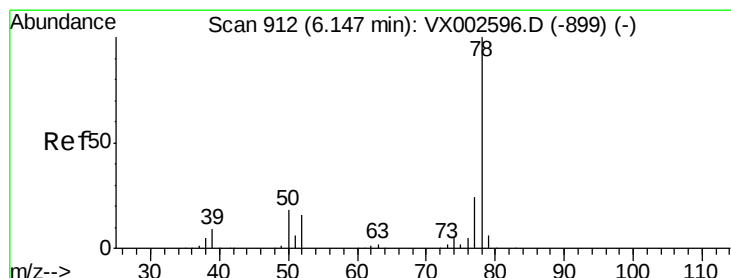
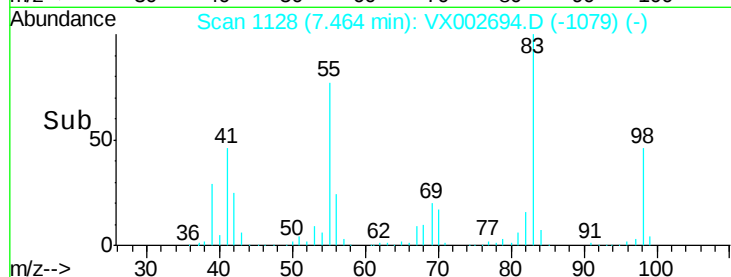
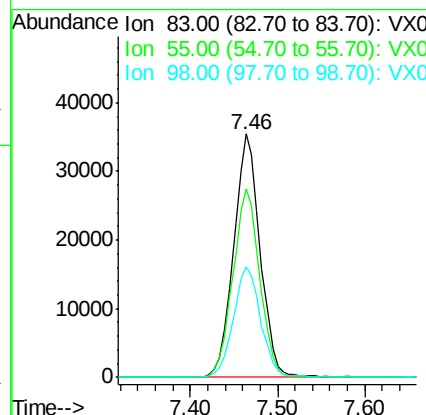
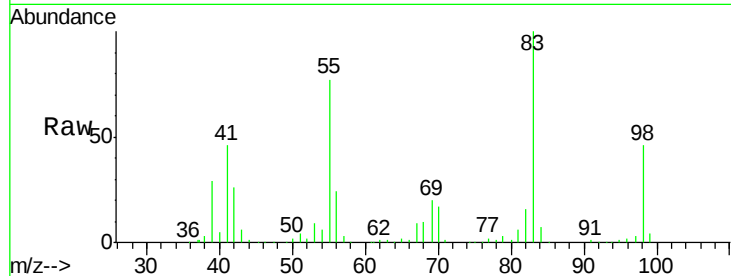
#39
Methvlcvclohexane
Concen: 19.638 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX002694.D
Acq: 18 Jun 2018 22:47

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBSD02

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.5	65.4	98.0
98	45.6	37.4	56.0

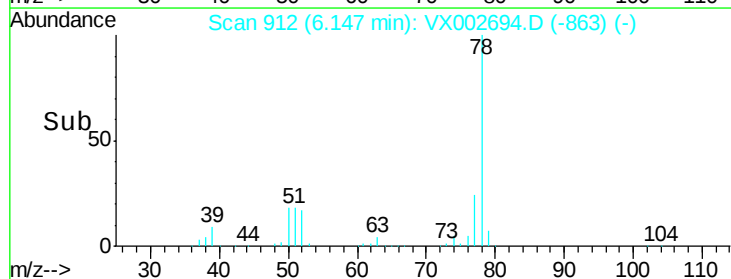
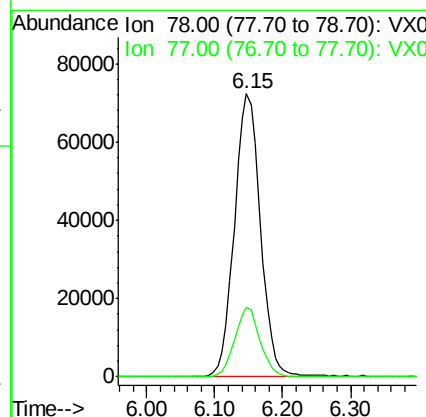
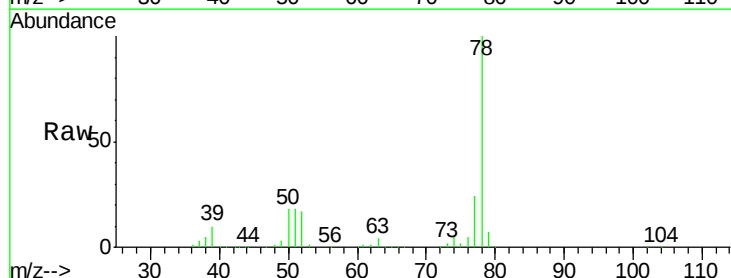
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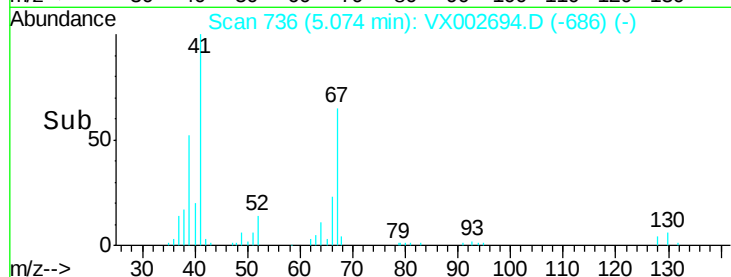
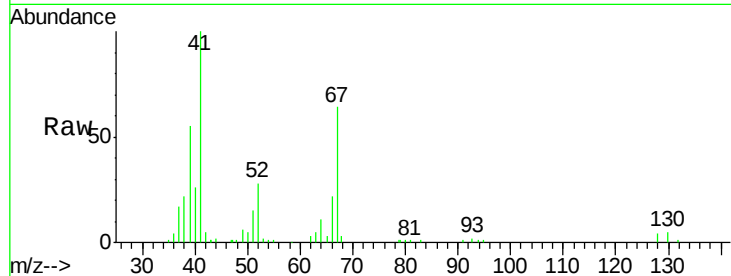
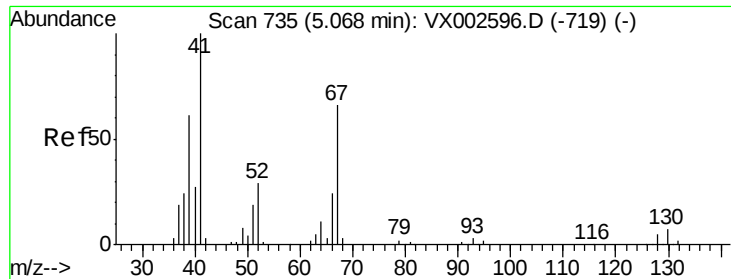
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#40
Benzene
Concen: 19.868 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX002694.D
Acq: 18 Jun 2018 22:47

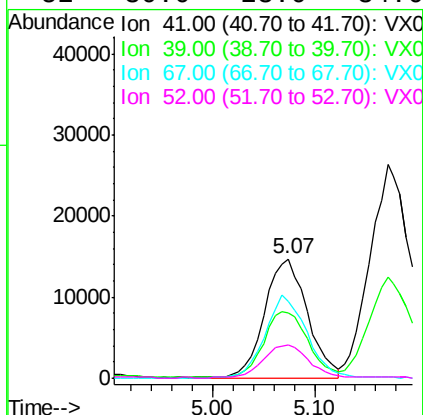
Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.5	19.1	28.7





#41
Methacrylonitrile
Concen: 20.844 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.01 min
Lab File: VX002694.D
Acq: 18 Jun 2018 22:47

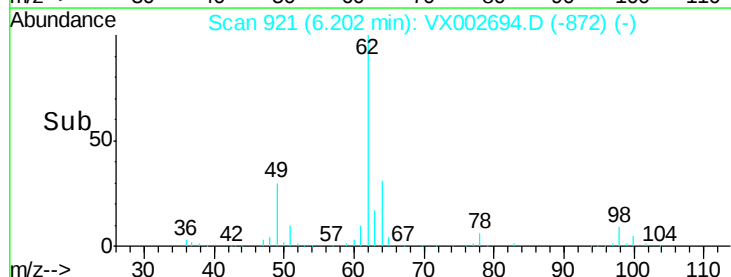
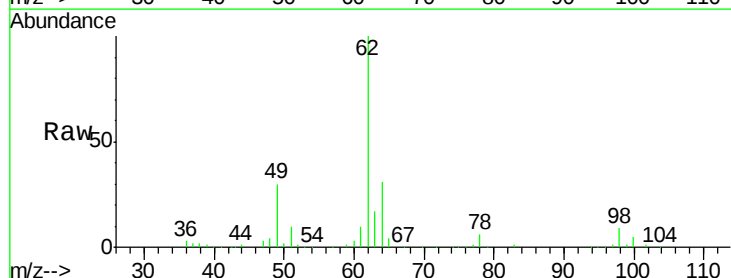
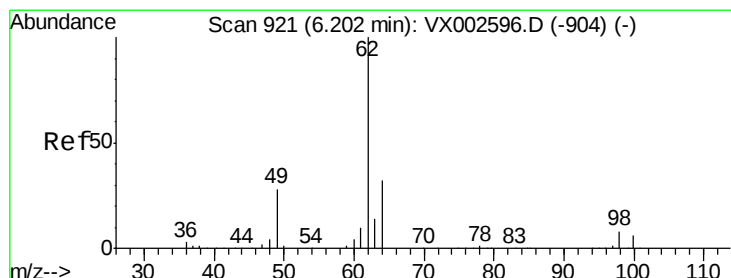
Tot Ion	41	Resp	43029
Ion Ratio	Lower	Upper	
41	100		
39	56.7	45.8	68.6
67	67.2	51.3	76.9
52	30.0	23.0	34.6



Instrument :
MSVOA_X
ClientSampleId :
VX0618WBSD02

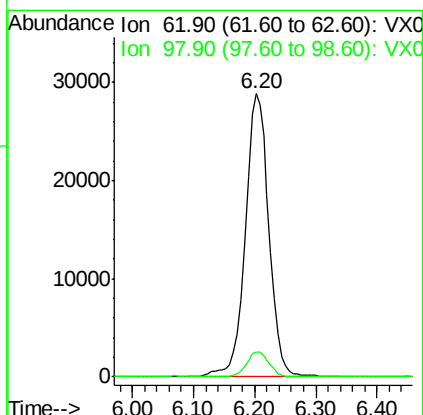
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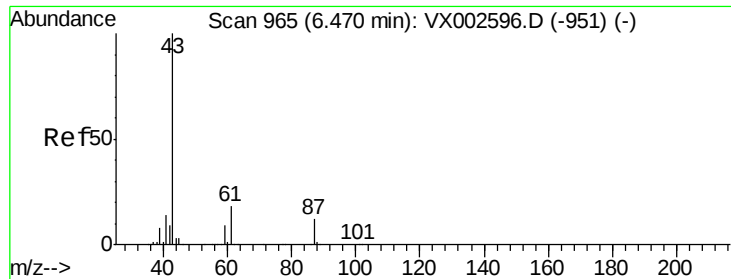
MMDadoda
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#42
1,2-Dichloroethane
Concen: 20.604 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX002694.D
Acq: 18 Jun 2018 22:47

Tgt Ion	62	Resp	77264
Ion Ratio	Lower	Upper	
62	100		
98	8.6	0.0	16.6





#43

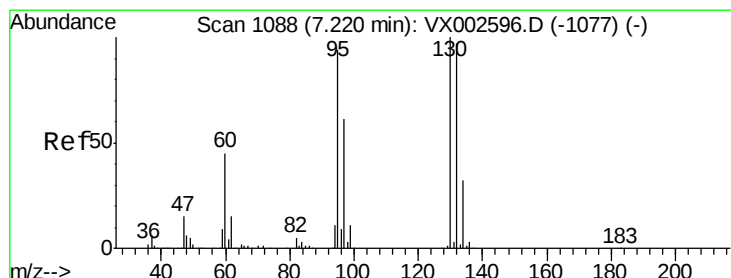
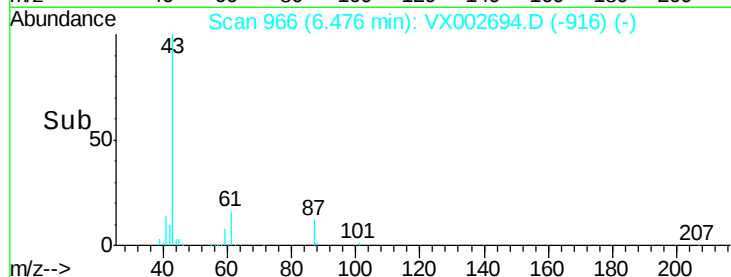
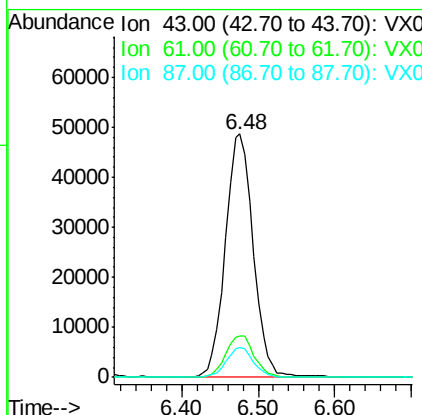
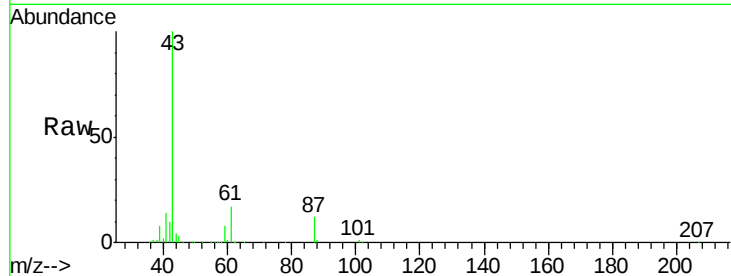
Isopropyl Acetate
 Concen: 20.125 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. 0.01 min
 Lab File: VX002694.D
 Acq: 18 Jun 2018 22:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0618WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	17.7	14.4	21.6
87	12.1	9.5	14.3

Manual Integrations
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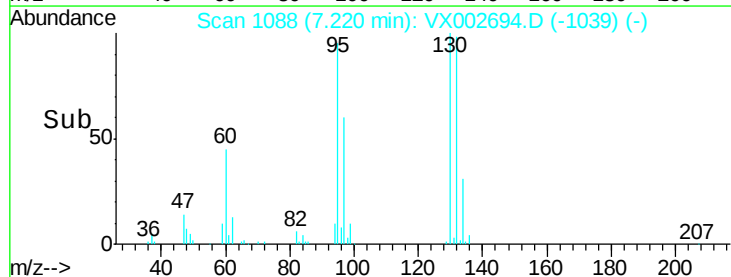
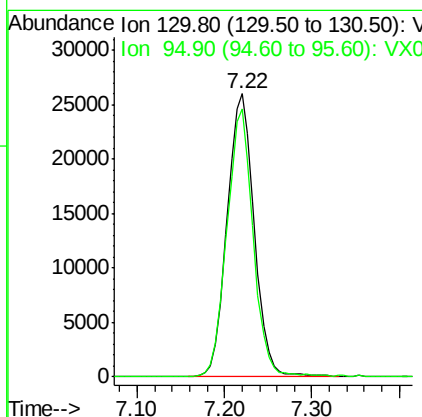
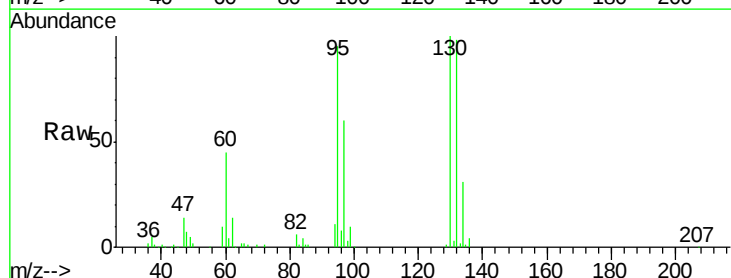
MMDadoda
 6/19/2018 1:05:35 PM

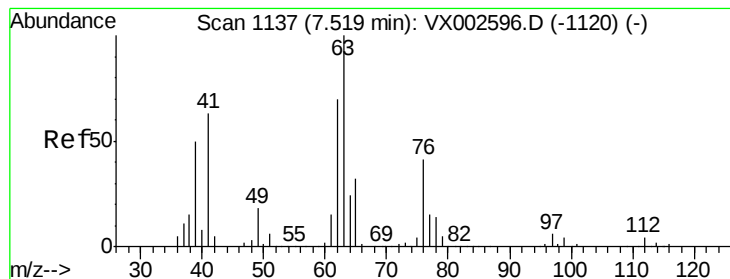


#44

Trichloroethene
 Concen: 20.071 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: VX002694.D
 Acq: 18 Jun 2018 22:47

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.6	0.0	185.4





#45

1,2-Dichloropropane

Concen: 19.981 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. 0.01 min

Lab File: VX002694.D

Acq: 18 Jun 2018 22:47

Instrument :

MSVOA_X

ClientSampleId :

VX0618WBSD02

Tot Ion: 63 Resp: 50935

Ion Ratio Lower Upper

63 100

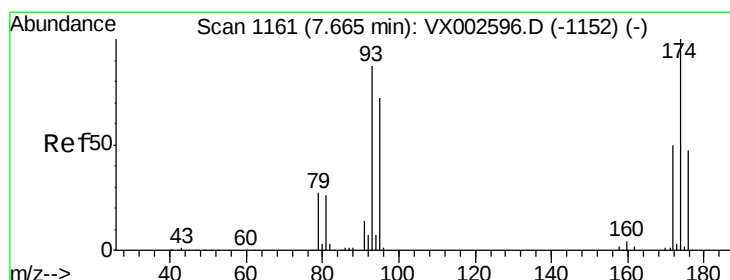
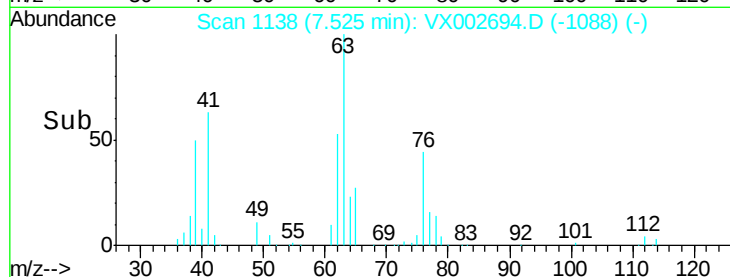
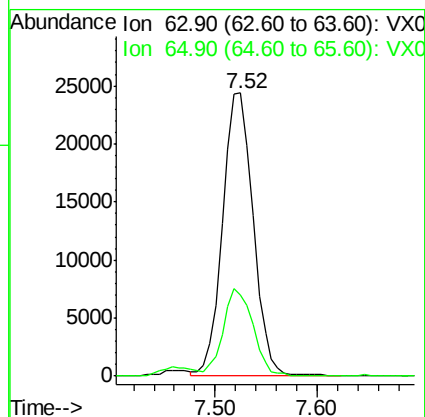
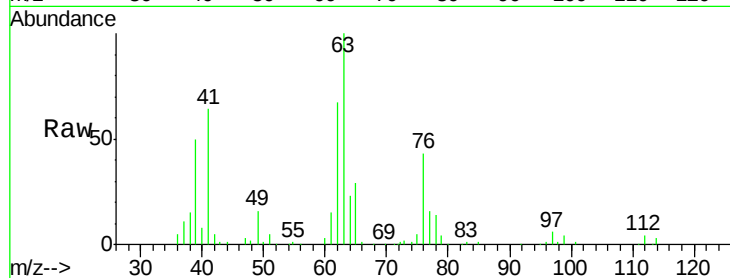
65 28.8 24.7 37.1

Manual Integrations

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#46

Dibromomethane

Concen: 20.922 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. 0.01 min

Lab File: VX002694.D

Acq: 18 Jun 2018 22:47

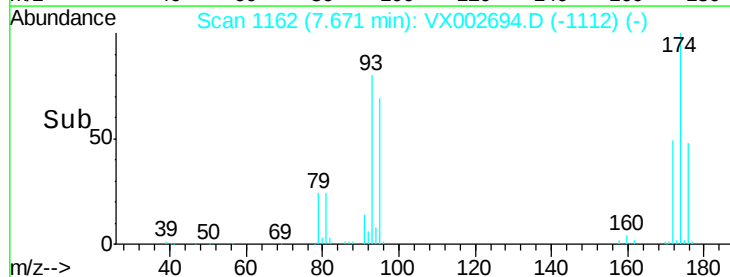
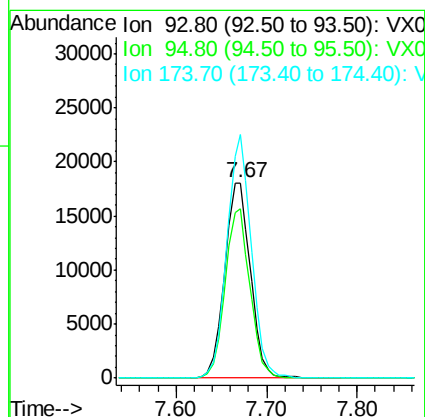
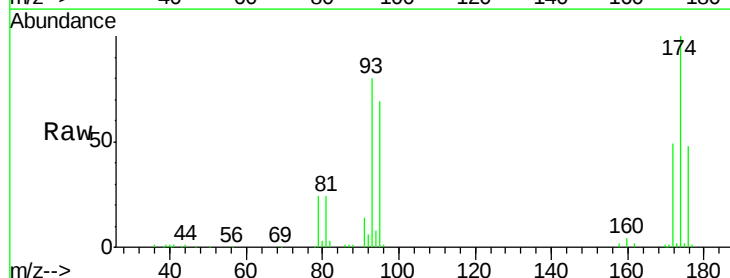
Tgt Ion: 93 Resp: 35676

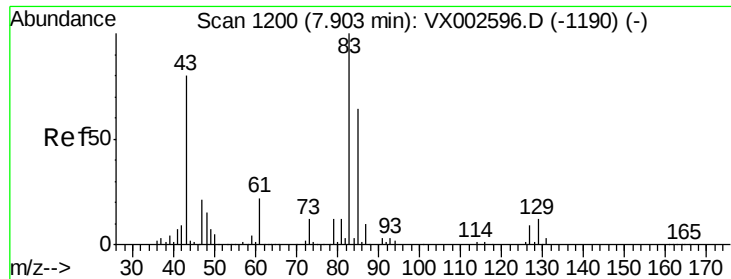
Ion Ratio Lower Upper

93 100

95 83.5 65.9 98.9

174 117.3 92.4 138.6





#47

Bromodichloromethane

Concen: 21.100 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX002694.D

Acq: 18 Jun 2018 22:47

Instrument :

MSVOA_X

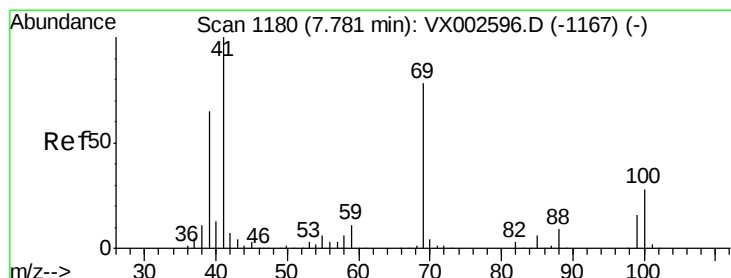
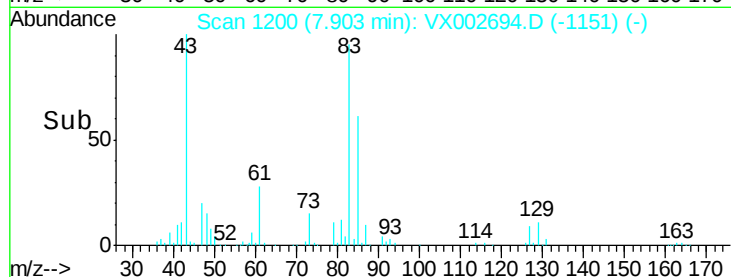
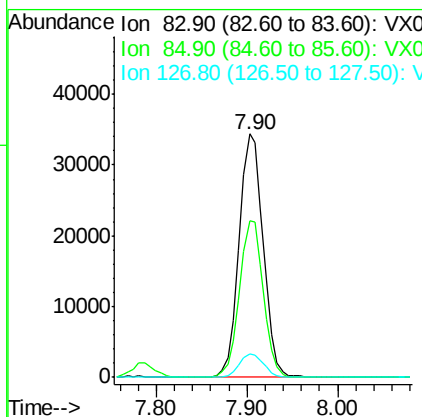
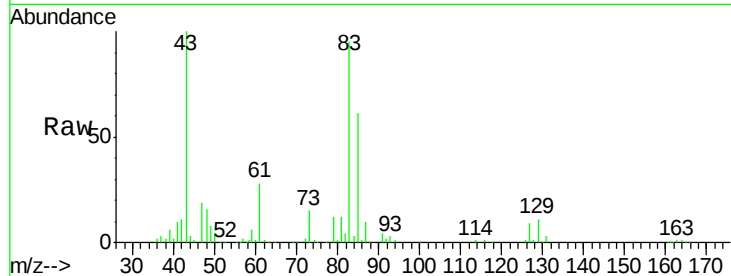
ClientSampleId :

VX0618WBSD02

Tot Ion:	83	Resp:	63459
Ion	Ratio	Lower	Upper
83	100		
85	64.2	50.3	75.5
127	9.4	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 20.190 ug/l

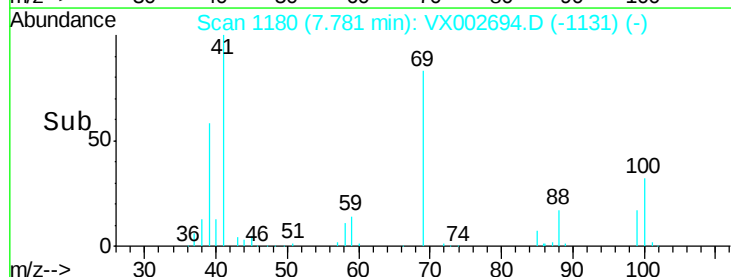
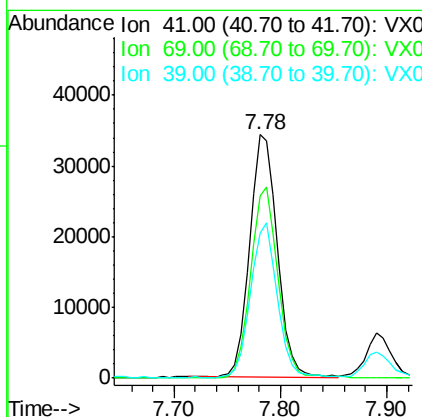
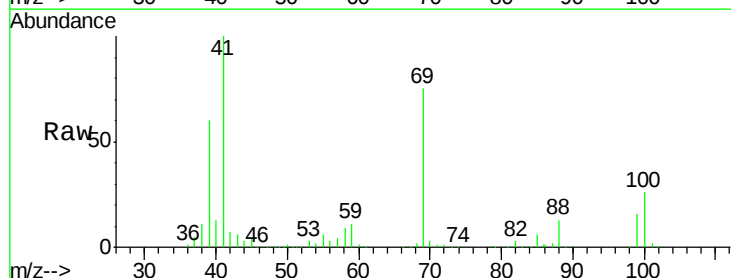
RT: 7.78 min Scan# 1180

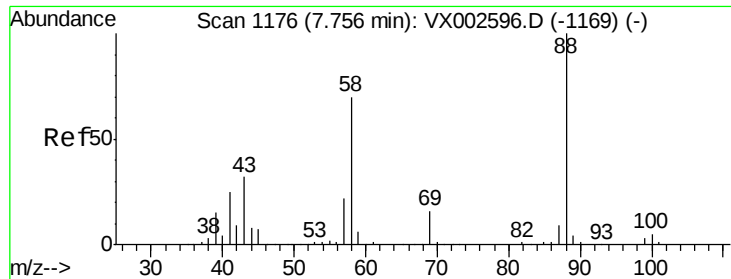
Delta R.T. 0.00 min

Lab File: VX002694.D

Acq: 18 Jun 2018 22:47

Tgt Ion:	41	Resp:	62501
Ion	Ratio	Lower	Upper
41	100		
69	78.0	59.1	88.7
39	61.2	48.9	73.3





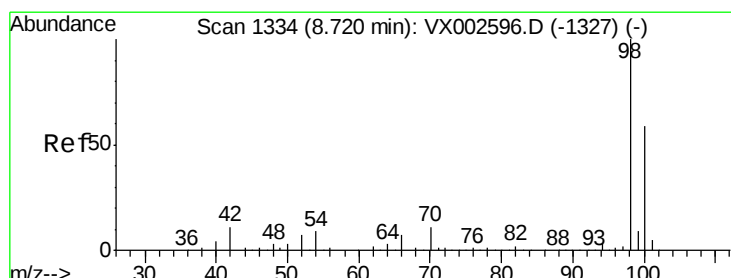
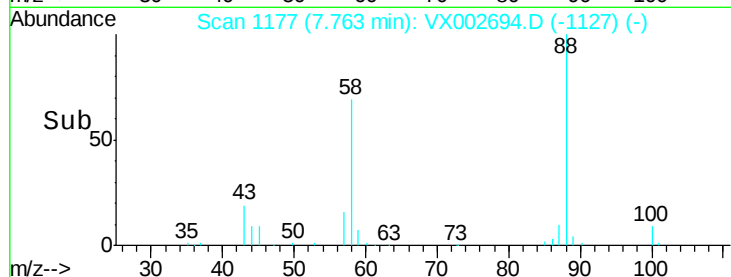
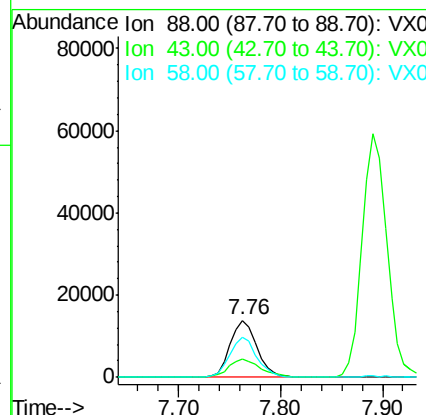
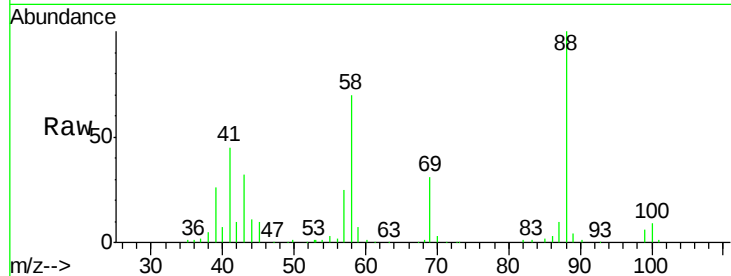
#49
1,4-Dioxane
Concen: 433.777 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX002694.D
Acq: 18 Jun 2018 22:47

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBSD02

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.2	29.8	44.6
58	72.0	57.1	85.7

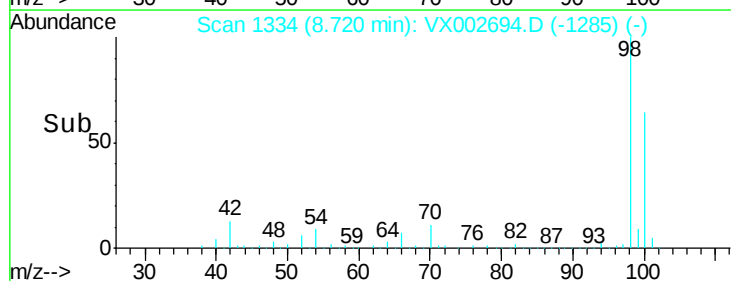
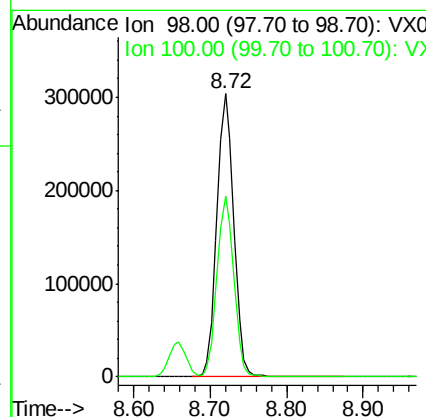
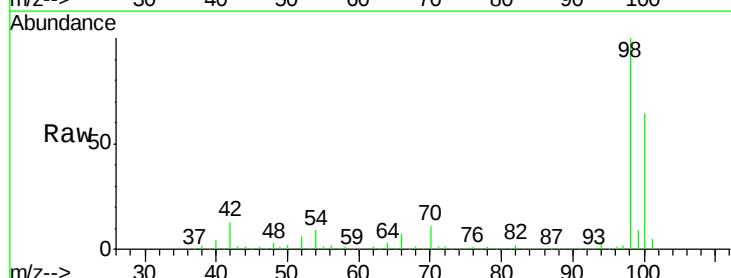
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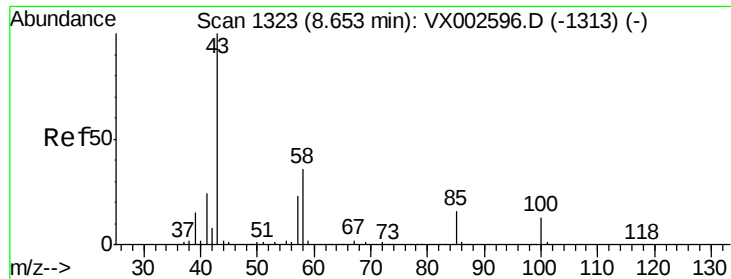
MMDadoda
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#50
Toluene-d8
Concen: 50.762 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002694.D
Acq: 18 Jun 2018 22:47

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.8	50.9	76.3





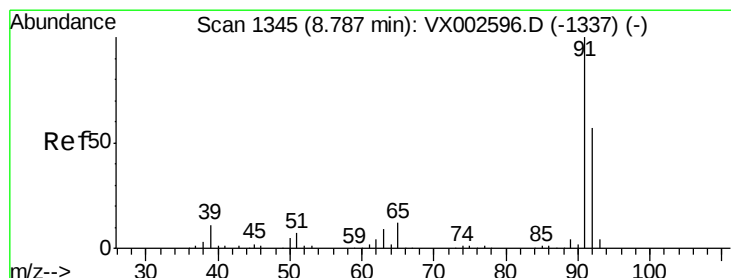
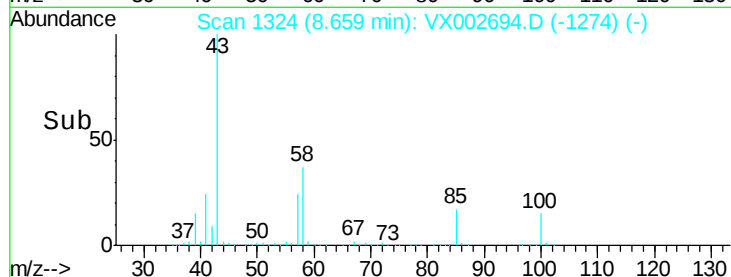
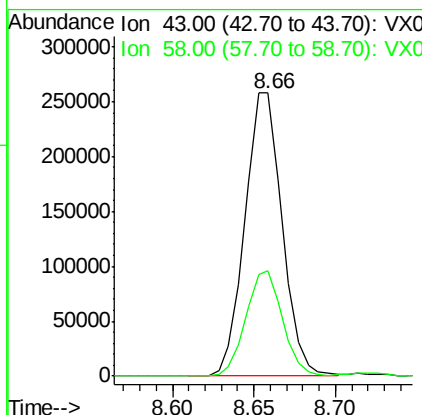
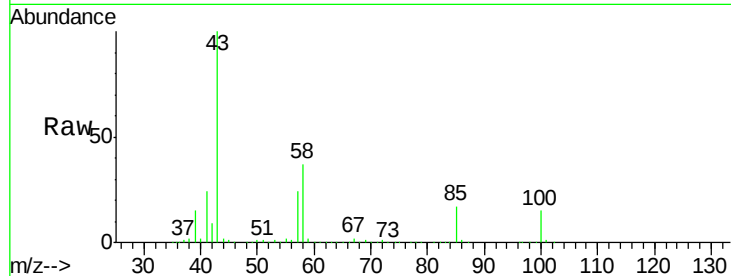
#51
4-Methyl-2-Pentanone
Concen: 105.529 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. 0.01 min
Lab File: VX002694.D
Acq: 18 Jun 2018 22:47

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBSD02

Tot Ion: 43 Resp: 410447
Ion Ratio Lower Upper
43 100
58 36.4 28.6 42.8

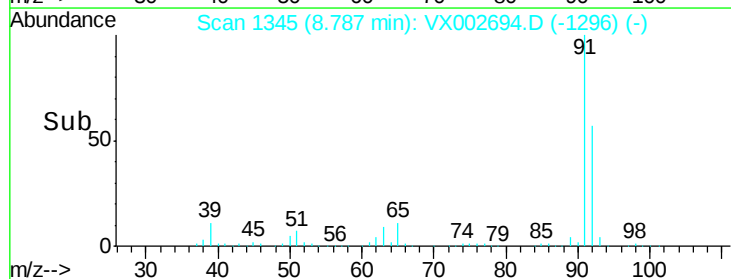
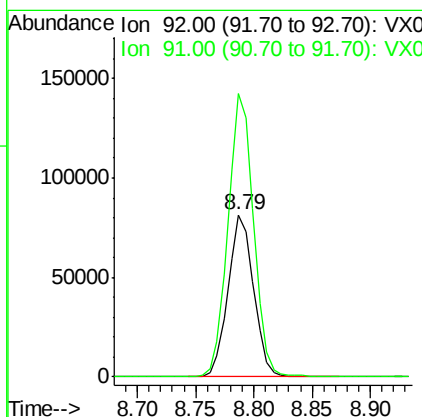
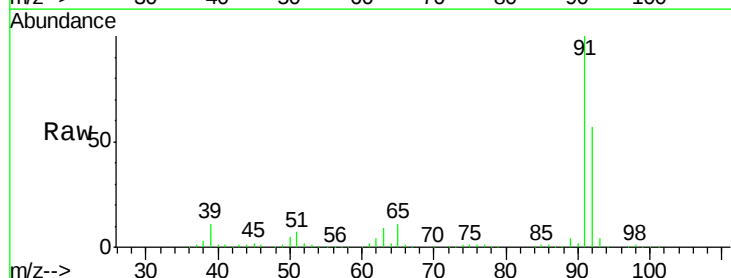
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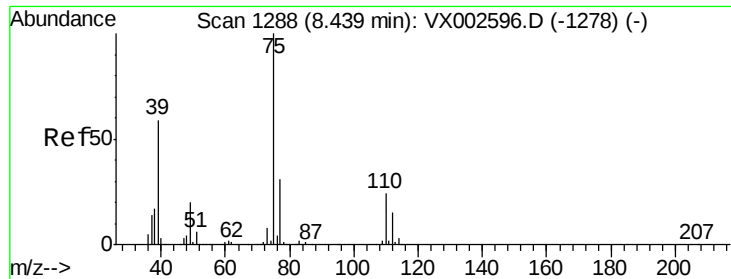
MMDadoda
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#52
Toluene
Concen: 20.126 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. 0.00 min
Lab File: VX002694.D
Acq: 18 Jun 2018 22:47

Tgt Ion: 92 Resp: 124350
Ion Ratio Lower Upper
92 100
91 174.9 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 19.280 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX002694.D

Acq: 18 Jun 2018 22:47

Instrument :

MSVOA_X

ClientSampleId :

VX0618WBSD02

Tot Ion: 75 Resp: 70609

Ion Ratio Lower Upper

75 100

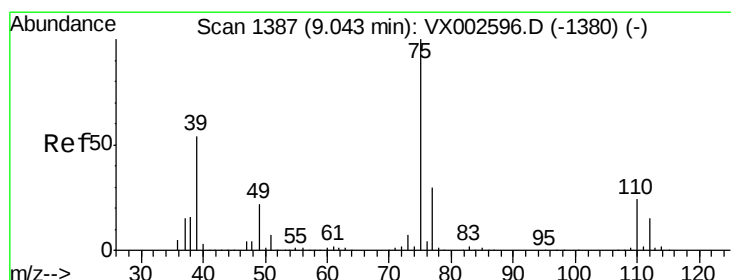
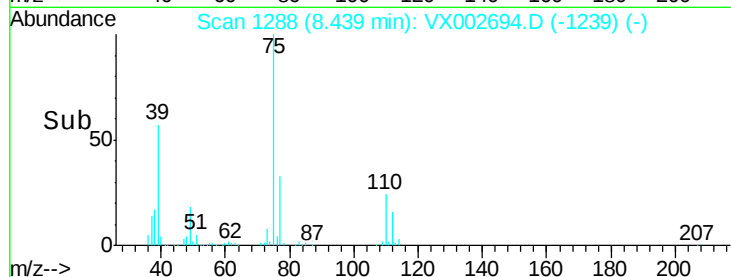
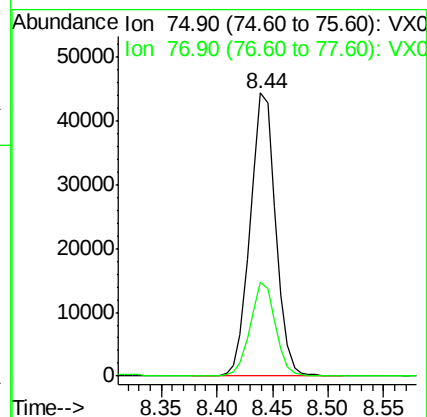
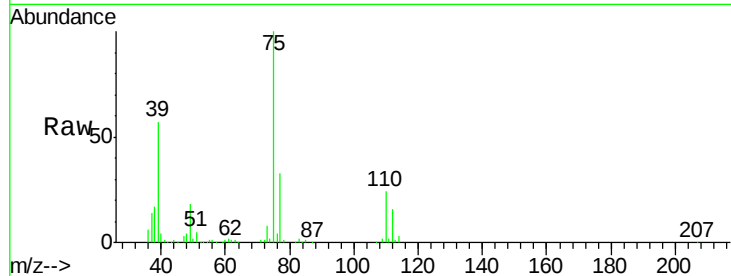
77 33.3 25.4 38.2

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 18.784 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VX002694.D

Acq: 18 Jun 2018 22:47

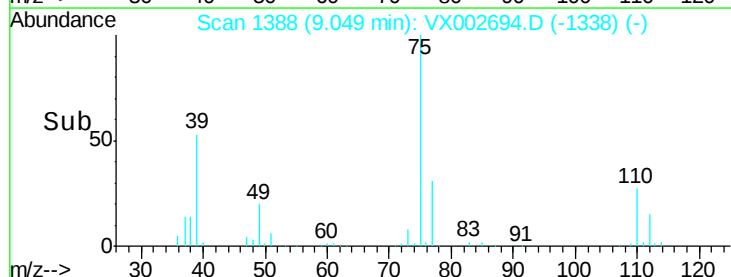
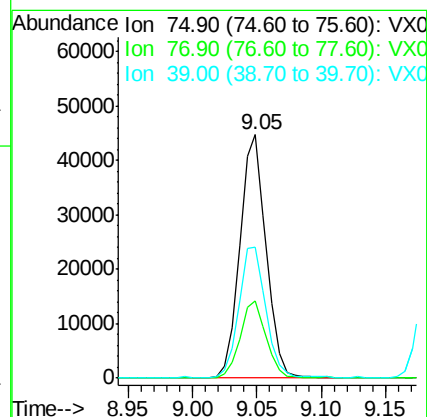
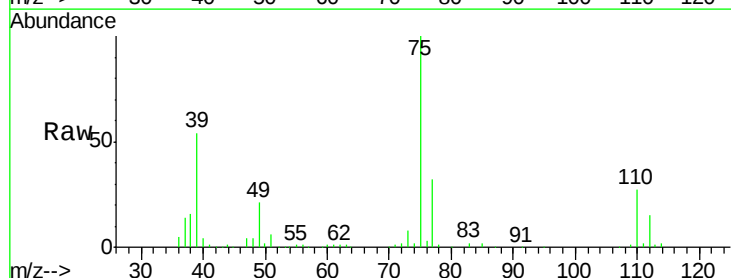
Tgt Ion: 75 Resp: 63200

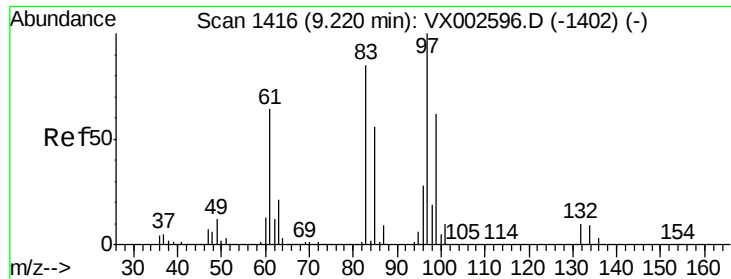
Ion Ratio Lower Upper

75 100

77 31.8 24.8 37.2

39 53.4 42.4 63.6





#55

1,1,2-Trichloroethane

Concen: 20.802 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. 0.00 min

Lab File: VX002694.D

Acq: 18 Jun 2018 22:47

Instrument :

MSVOA_X

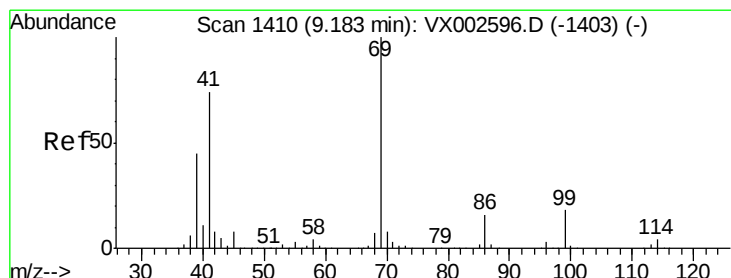
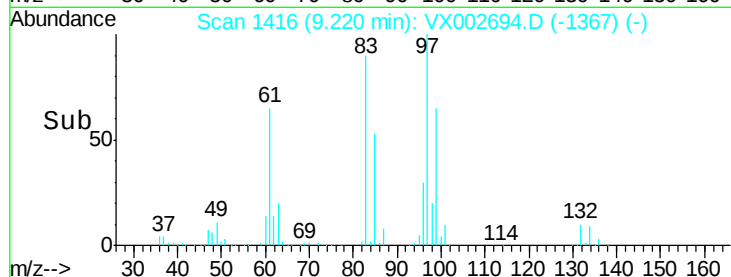
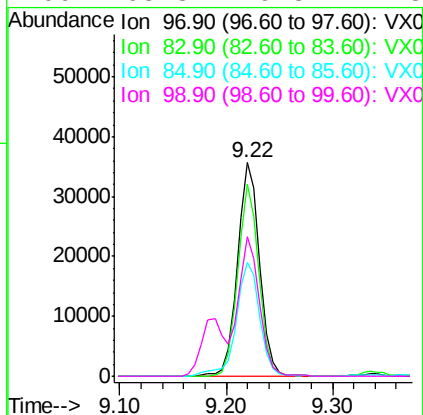
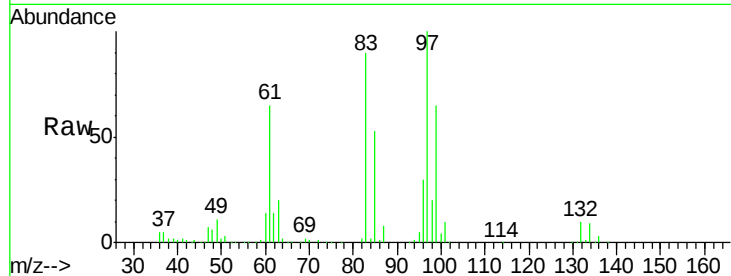
ClientSampleId :

VX0618WBSD02

Tot Ion:	97	Resp:	51935
Ion	Ratio	Lower	Upper
97	100		
83	90.1	70.2	105.2
85	53.3	44.9	67.3
99	65.3	49.8	74.8

Manual Integrations
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#56

Ethyl methacrylate

Concen: 20.181 ug/l

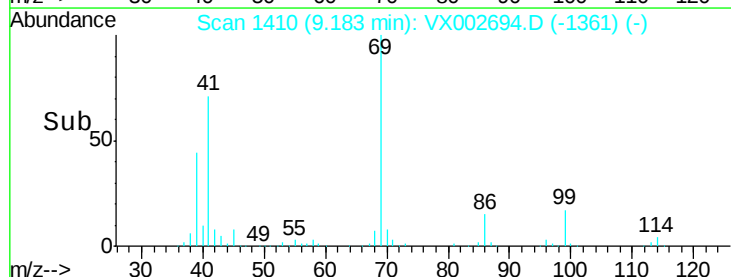
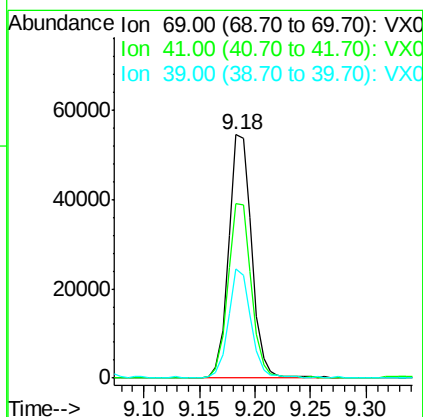
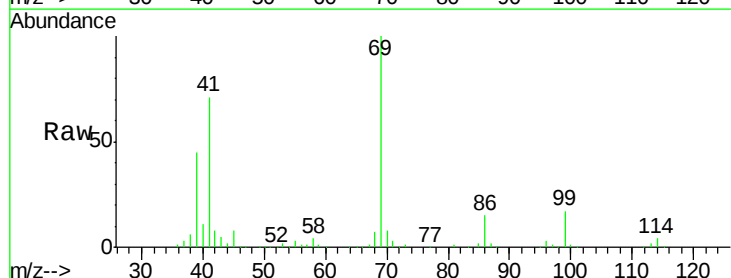
RT: 9.18 min Scan# 1410

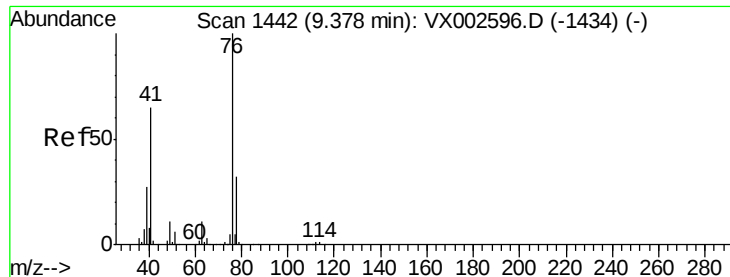
Delta R.T. 0.00 min

Lab File: VX002694.D

Acq: 18 Jun 2018 22:47

Tgt Ion:	69	Resp:	77535
Ion	Ratio	Lower	Upper
69	100		
41	72.2	60.3	90.5
39	42.9	35.8	53.8





#57

1,3-Dichloropropane

Concen: 20.137 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX002694.D

Acq: 18 Jun 2018 22:47

Instrument :

MSVOA_X

ClientSampleId :

VX0618WBSD02

Tot Ion: 76 Resp: 85030

Ion Ratio Lower Upper

76 100

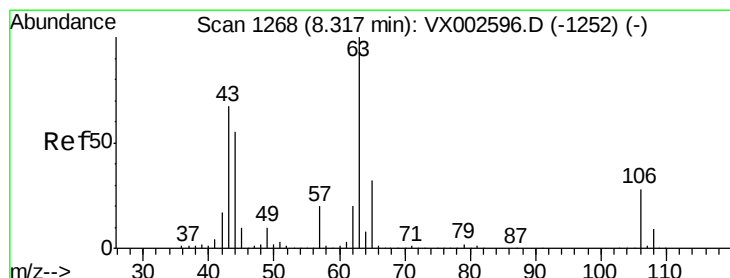
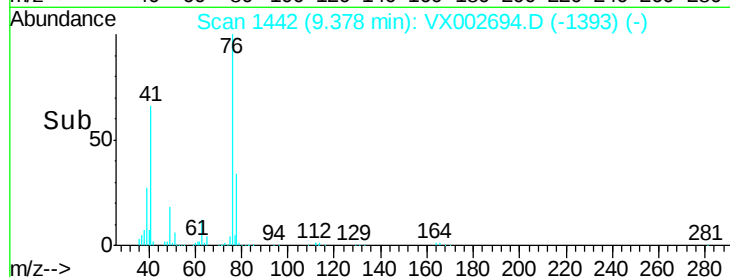
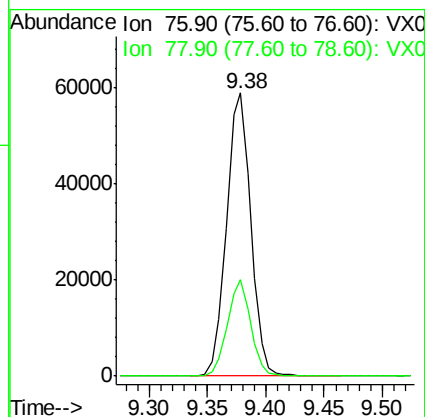
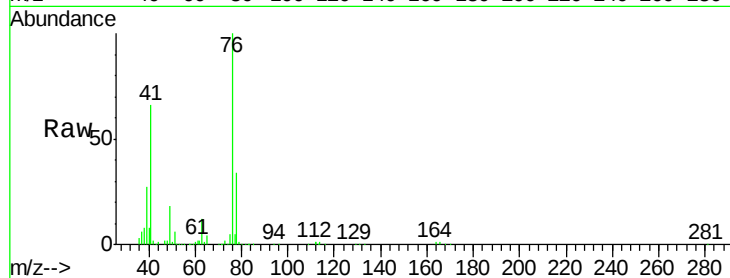
78 32.6 25.8 38.6

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 97.786 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VX002694.D

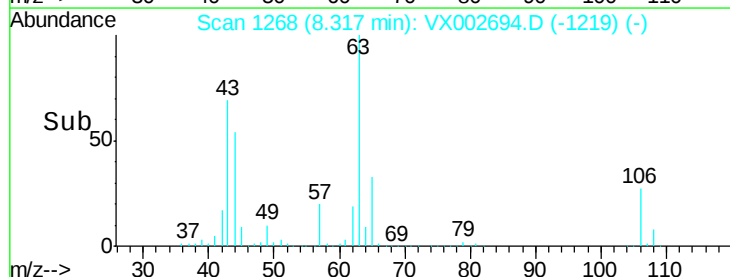
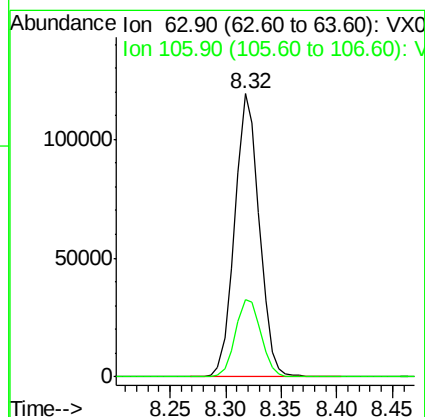
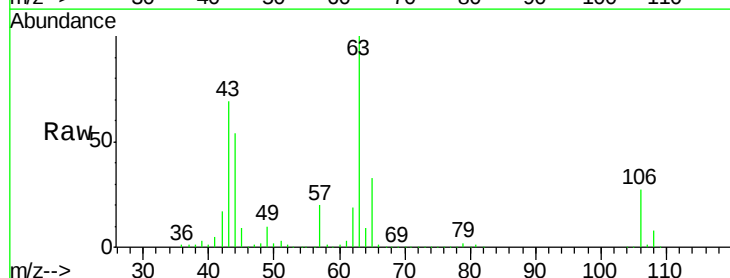
Acq: 18 Jun 2018 22:47

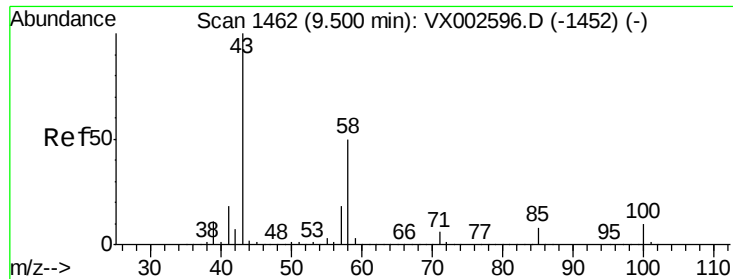
Tgt Ion: 63 Resp: 181715

Ion Ratio Lower Upper

63 100

106 28.4 21.8 32.8





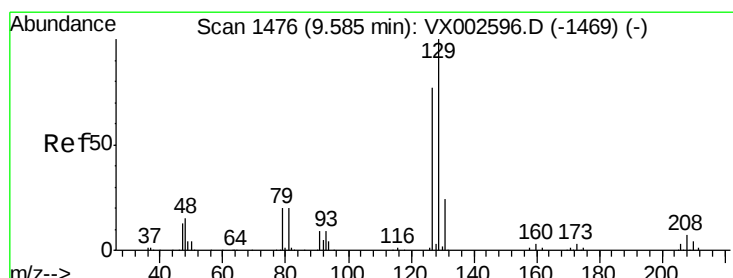
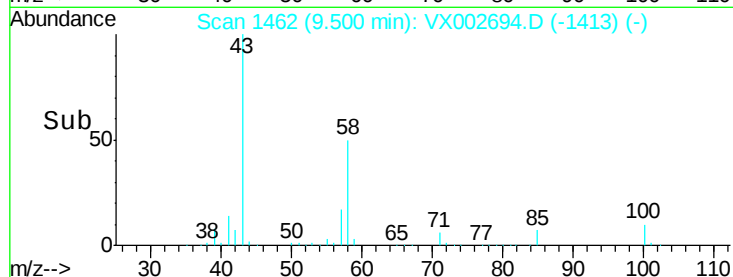
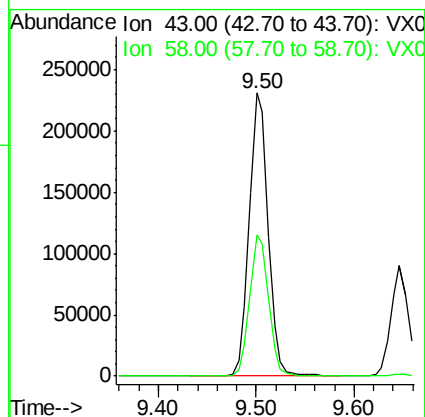
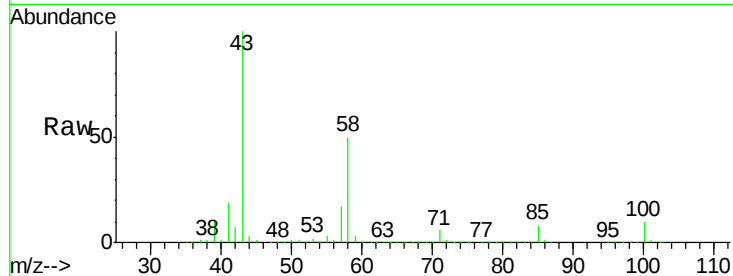
#59
2-Hexanone
Concen: 105.984 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX002694.D
Acq: 18 Jun 2018 22:47

Instrument :
MSVOA_X
ClientSampleID :
VX0618WBSD02

Tot Ion: 43 Resp: 310622
Ion Ratio Lower Upper
43 100
58 50.0 24.6 73.6

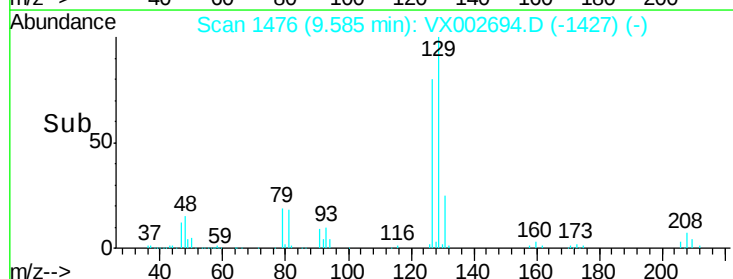
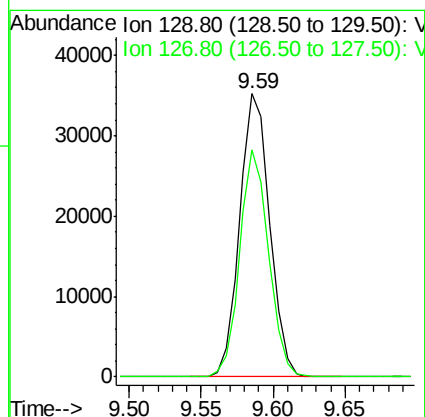
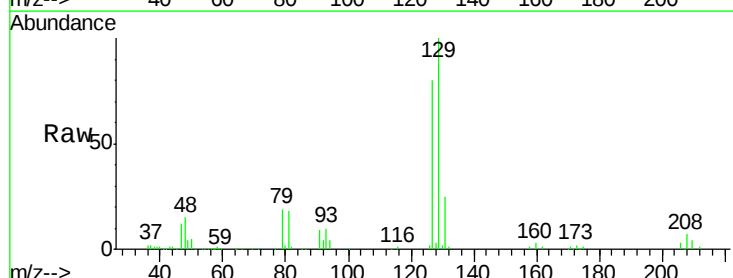
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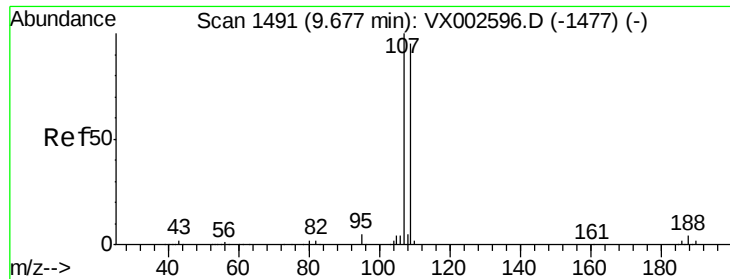
MMDadoda
6/19/2018 1:05:35 PM



#60
Dibromochloromethane
Concen: 20.545 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX002694.D
Acq: 18 Jun 2018 22:47

Tgt Ion: 129 Resp: 50972
Ion Ratio Lower Upper
129 100
127 77.1 38.5 115.3





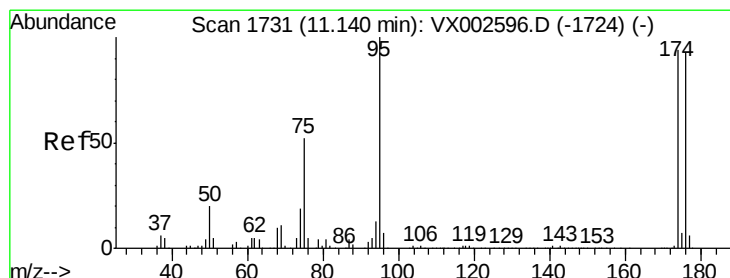
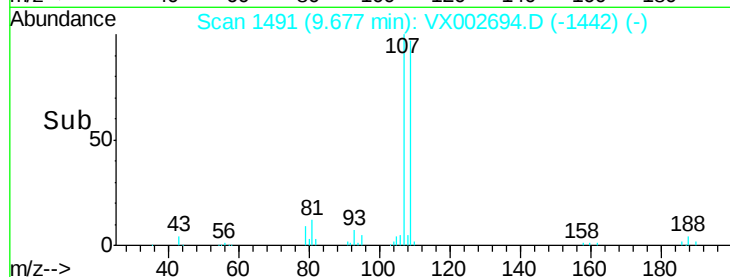
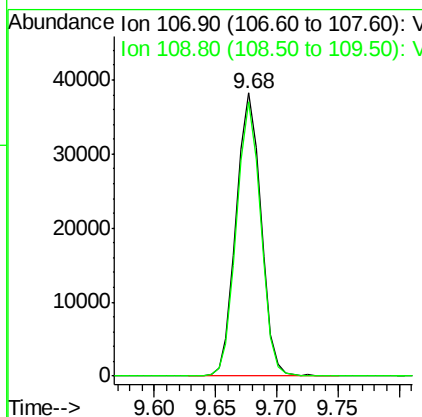
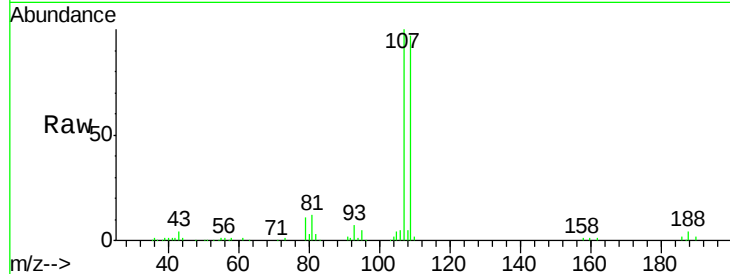
#61
 1,2-Dibromoethane
 Concen: 20.788 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. 0.00 min
 Lab File: VX002694.D
 Acq: 18 Jun 2018 22:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0618WBSD02

Tot Ion:107 Resp: 53751
 Ion Ratio Lower Upper
 107 100
 109 94.5 75.3 112.9

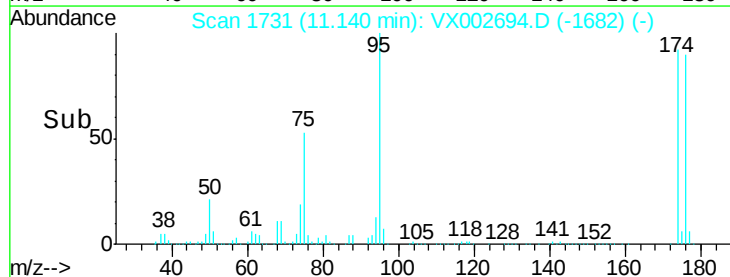
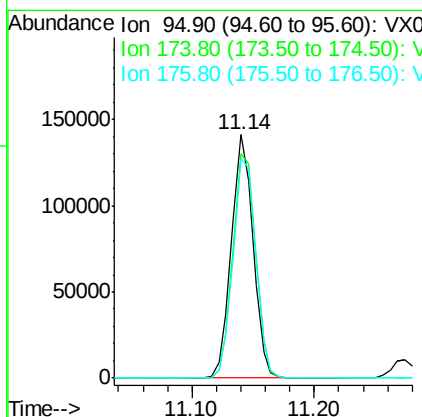
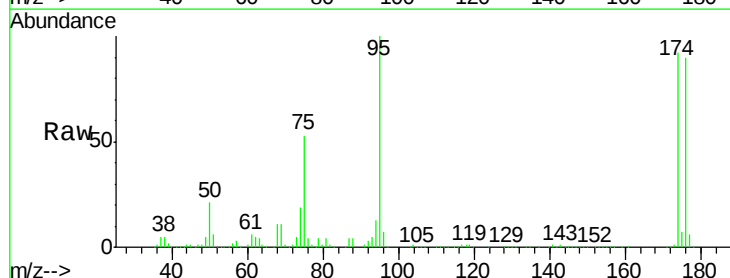
Manual Integrations
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 6/19/2018 1:05:35 PM



#62
 4-Bromofluorobenzene
 Concen: 49.255 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: VX002694.D
 Acq: 18 Jun 2018 22:47

Tgt Ion: 95 Resp: 172027
 Ion Ratio Lower Upper
 95 100
 174 97.6 0.0 187.4
 176 94.7 0.0 181.0





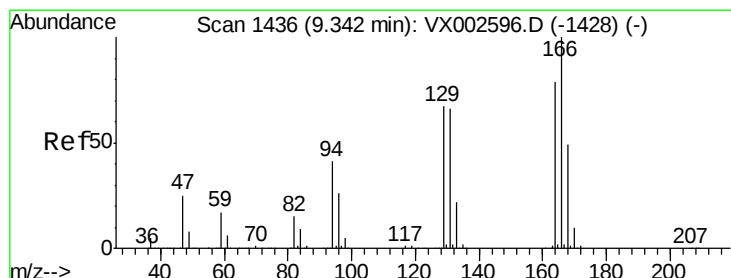
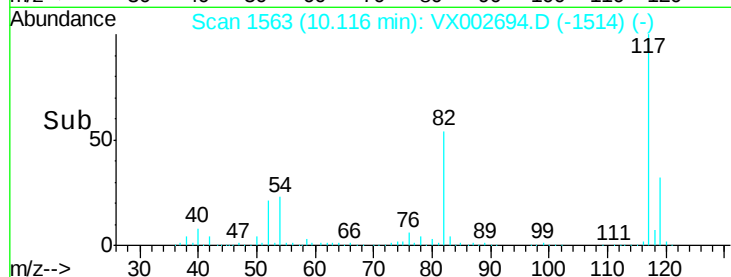
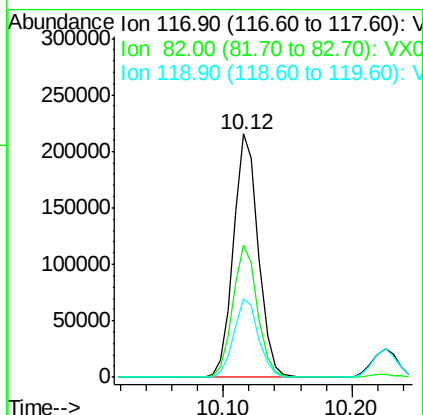
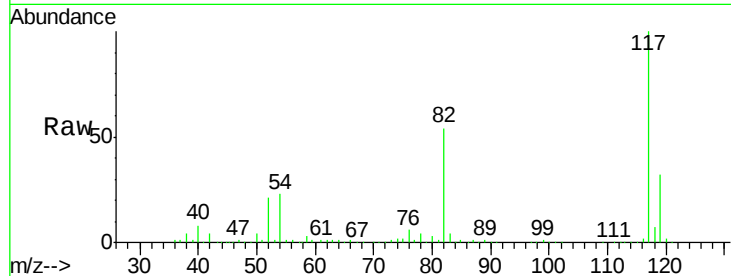
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002694.D
Acq: 18 Jun 2018 22:47

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
117	100	289914		
82	54.2	45.0	67.4	
119	32.2	25.8	38.6	

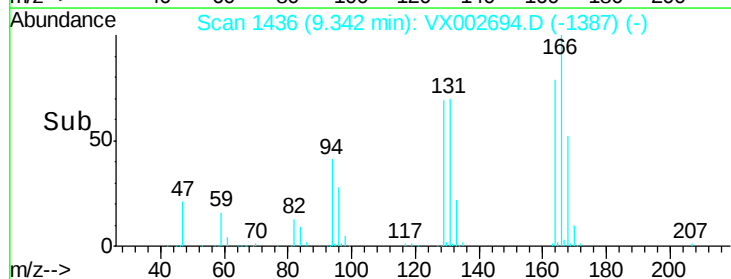
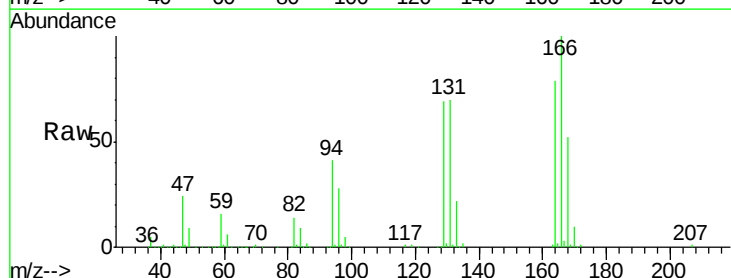
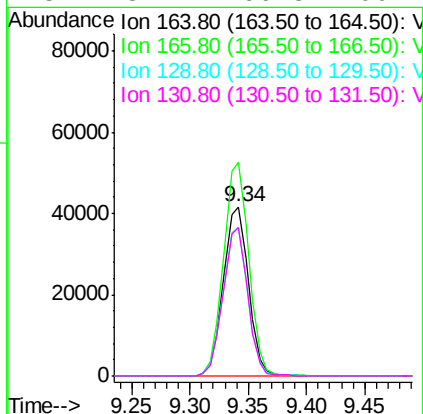
Manual Integrations
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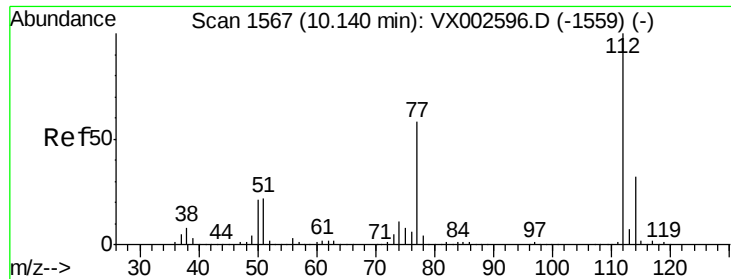
MMDadoda
6/19/2018 1:05:35 PM



#64
Tetrachloroethene
Concen: 19.372 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX002694.D
Acq: 18 Jun 2018 22:47

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	62342		
166	126.0	102.9	154.3	
129	87.3	68.6	102.8	
131	87.7	66.8	100.2	





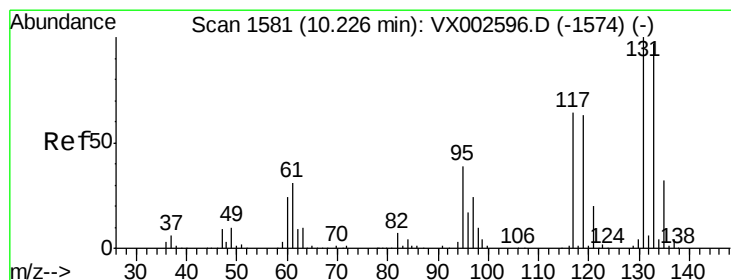
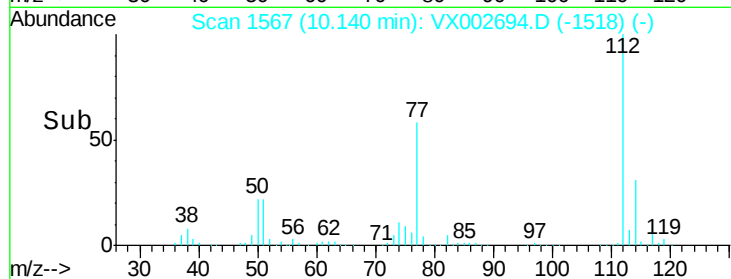
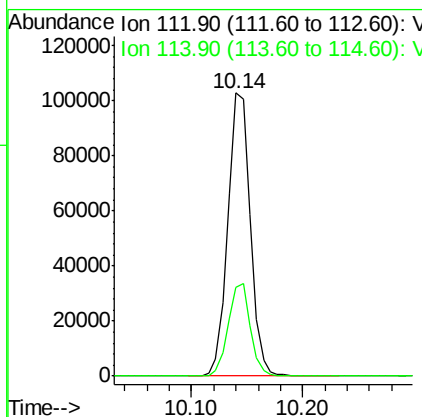
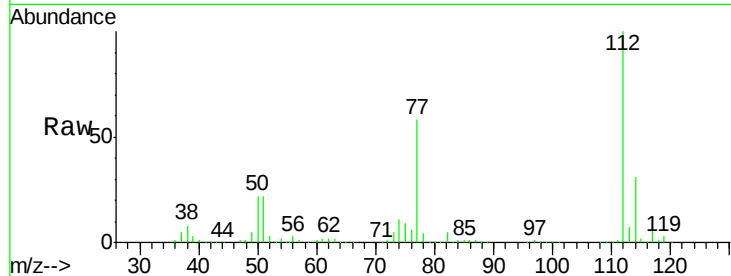
#65
Chlorobenzene
Concen: 20.196 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX002694.D
Acq: 18 Jun 2018 22:47

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBSD02

Tot Ion:112 Resp: 143796
Ion Ratio Lower Upper
112 100
114 31.3 25.3 37.9

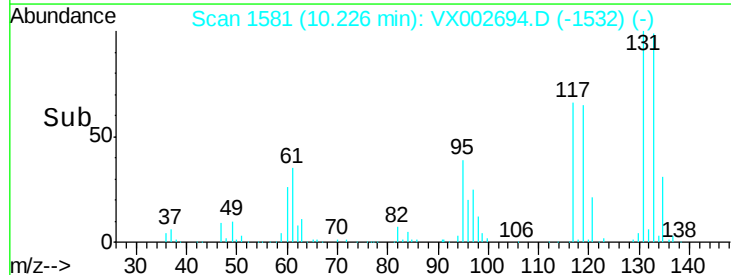
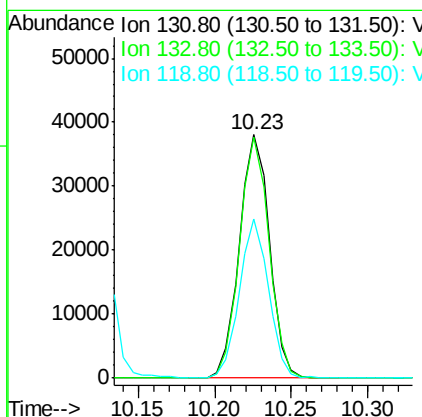
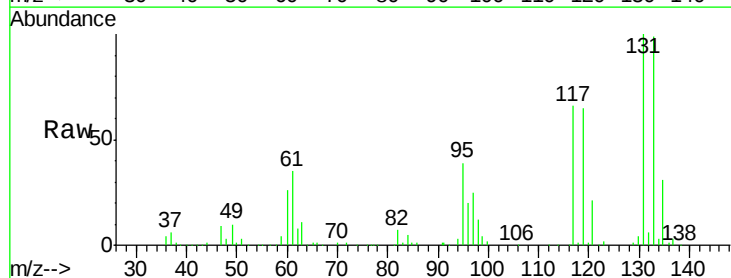
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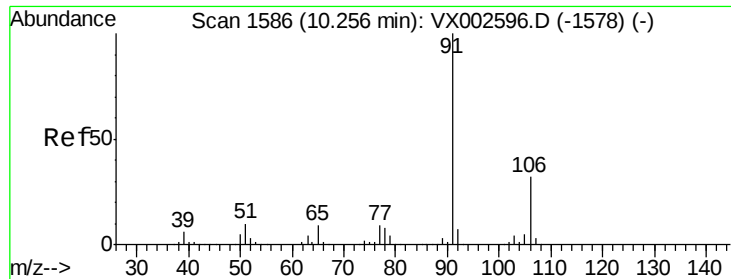
MMDadoda
6/19/2018 1:05:35 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 21.476 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX002694.D
Acq: 18 Jun 2018 22:47

Tgt Ion:131 Resp: 52129
Ion Ratio Lower Upper
131 100
133 97.0 47.9 143.6
119 63.1 31.8 95.3





#67

Ethyl Benzene

Concen: 20.044 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX002694.D

Acq: 18 Jun 2018 22:47

Instrument :

MSVOA_X

ClientSampleId :

VX0618WBSD02

Tot Ion: 91 Resp: 240706

Ion Ratio Lower Upper

91 100

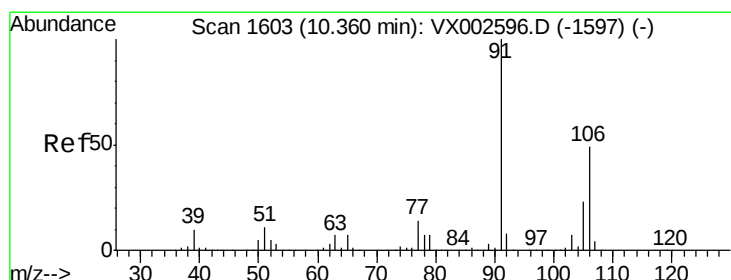
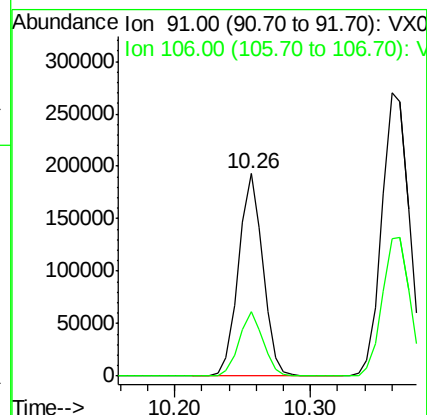
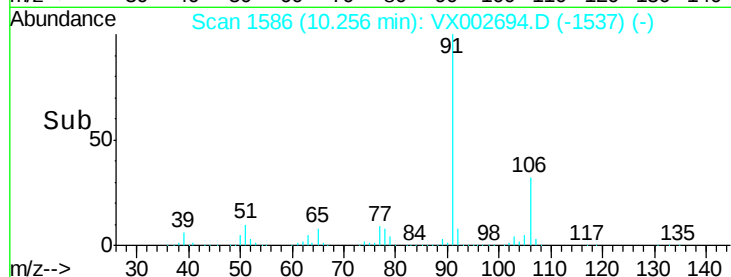
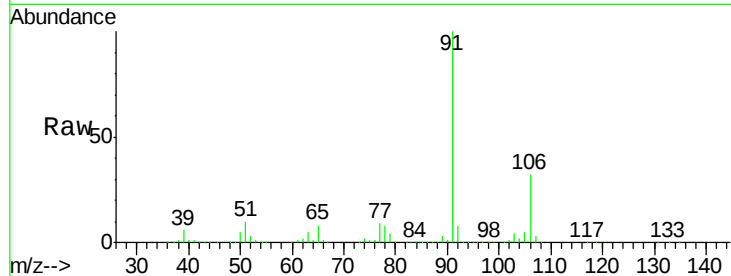
106 32.0 25.5 38.3

Manual Integrations

APPROVED

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6/19/2018 1:05:35 PM



#68

m/p-Xylenes

Concen: 39.948 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.01 min

Lab File: VX002694.D

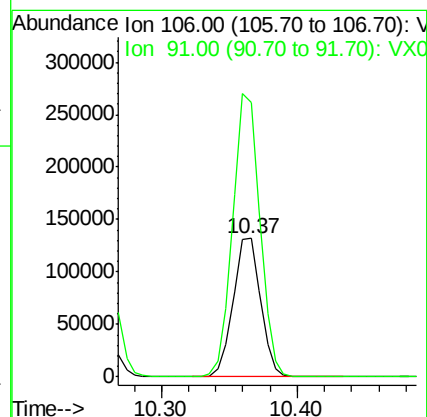
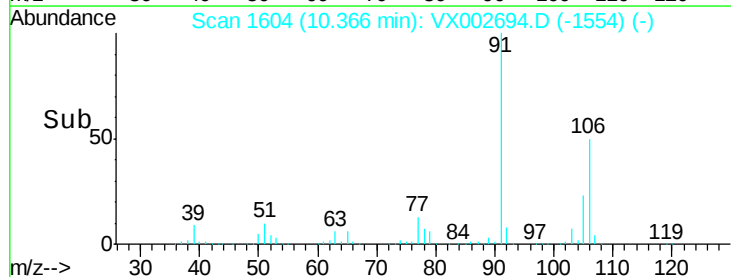
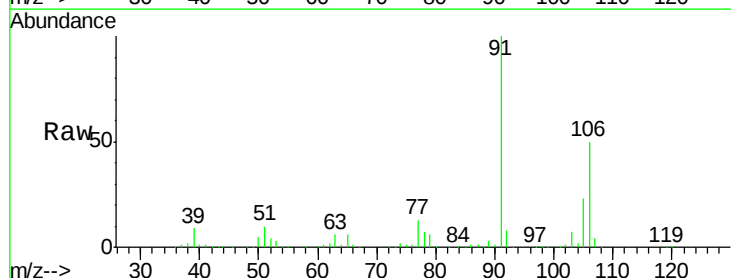
Acq: 18 Jun 2018 22:47

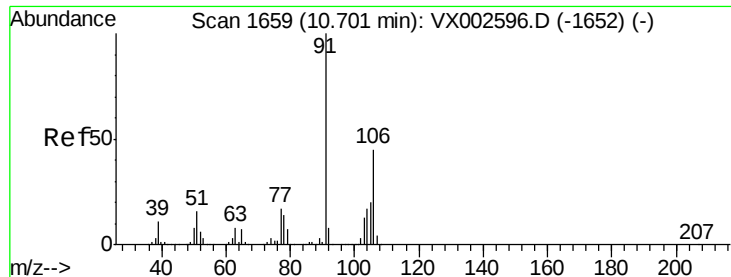
Tgt Ion: 106 Resp: 185053

Ion Ratio Lower Upper

106 100

91 203.2 163.4 245.2





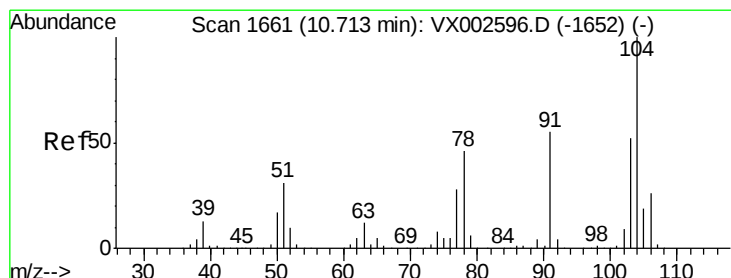
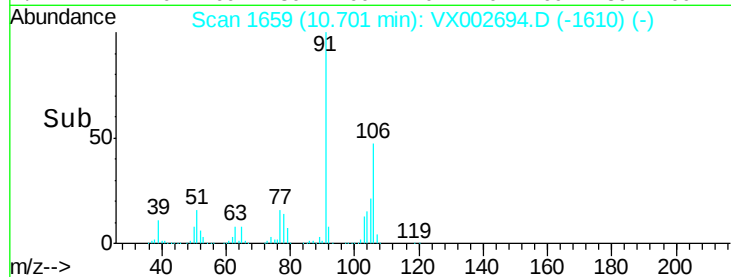
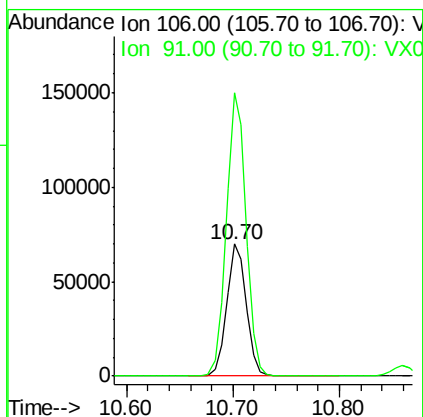
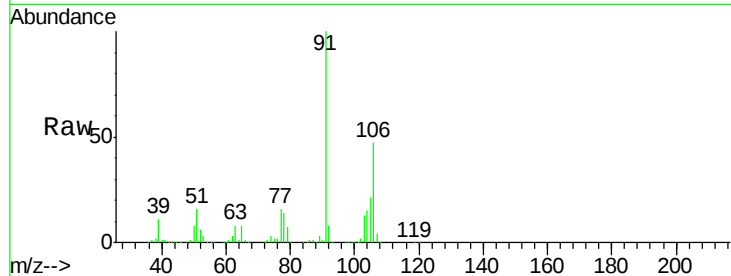
#69
o-Xylene
Concen: 19.737 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX002694.D
Acq: 18 Jun 2018 22:47

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBSD02

Tot Ion:106 Resp: 89831
Ion Ratio Lower Upper
106 100
91 215.9 108.2 324.6

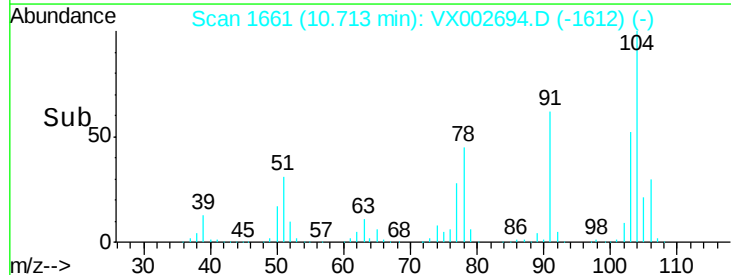
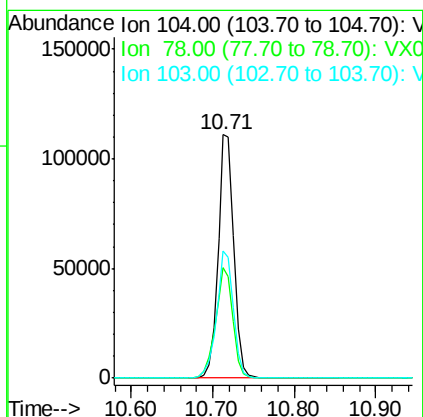
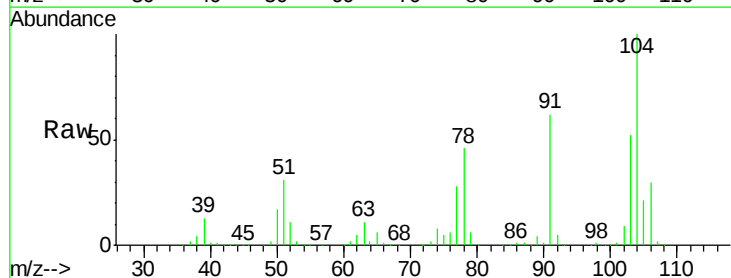
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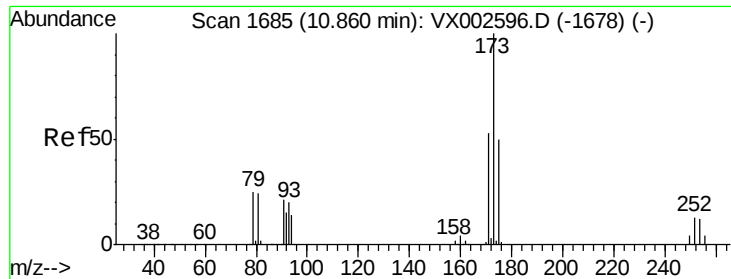
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6/19/2018 1:05:35 PM



#70
Styrene
Concen: 20.161 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX002694.D
Acq: 18 Jun 2018 22:47

Tgt Ion:104 Resp: 150905
Ion Ratio Lower Upper
104 100
78 49.8 41.0 61.6
103 55.9 44.2 66.4





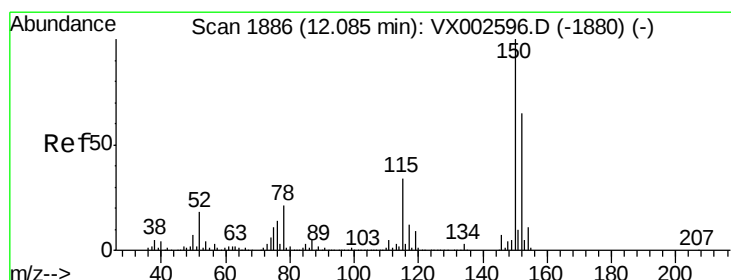
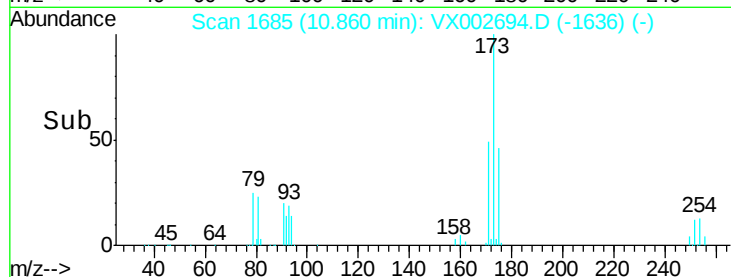
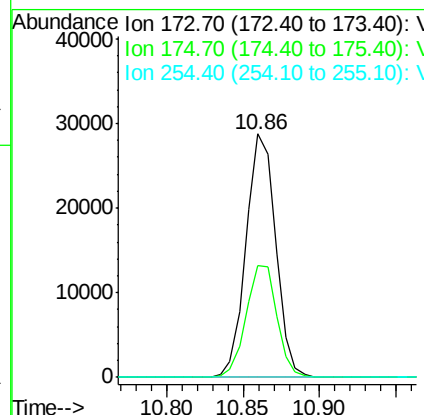
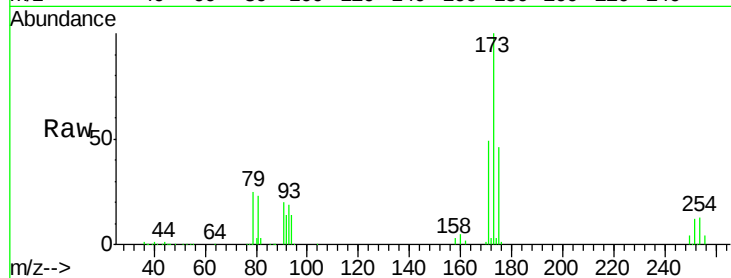
#71
Bromoform
Concen: 20.724 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX002694.D
Acq: 18 Jun 2018 22:47

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBSD02

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.6	24.7	74.1
254	0.0	0.2	0.2

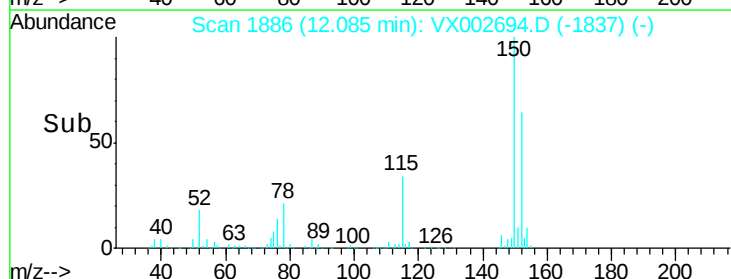
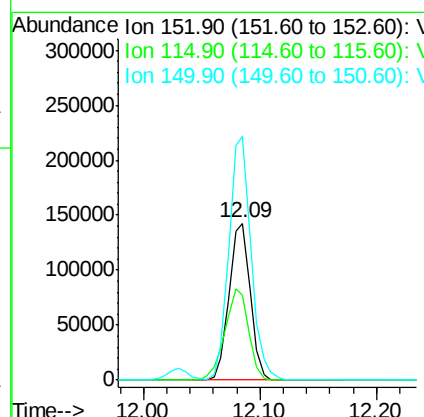
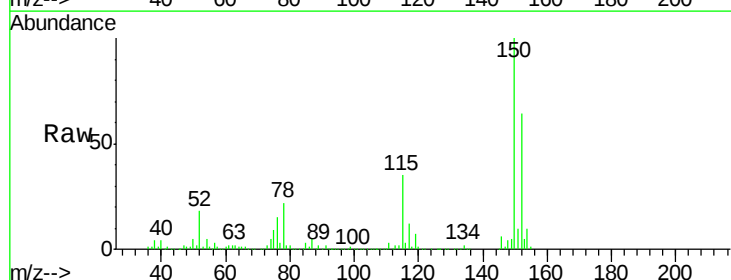
Manual Integrations
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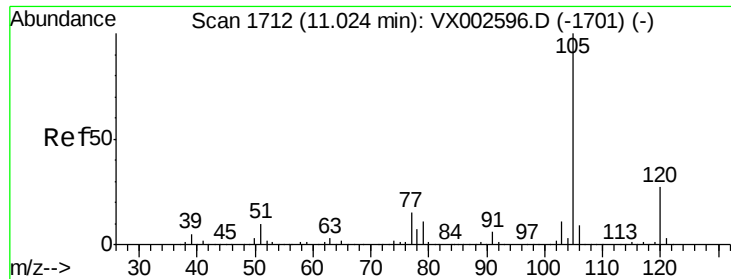
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX002694.D
Acq: 18 Jun 2018 22:47

Tgt Ion	Ratio	Lower	Upper
152	100		
115	65.0	40.1	120.2
150	162.9	0.0	347.2





#73

Isopropylbenzene

Concen: 20.911 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX002694.D

Acq: 18 Jun 2018 22:47

Instrument :

MSVOA_X

ClientSampleId :

VX0618WBSD02

Tot Ion: 105 Resp: 250181

Ion Ratio Lower Upper

105 100

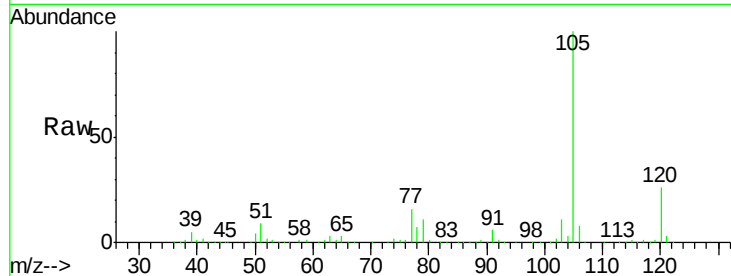
120 26.7 13.5 40.4

Manual Integrations

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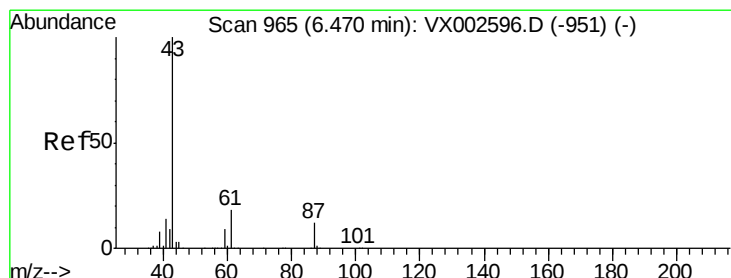
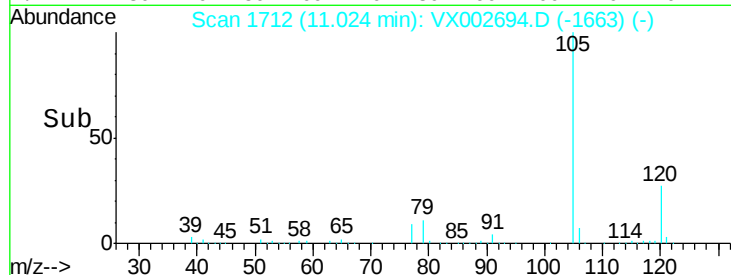
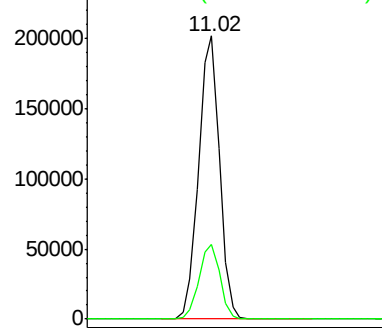
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.508 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.01 min

Lab File: VX002694.D

Acq: 18 Jun 2018 22:47

Tgt Ion: 43 Resp: 121907

Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

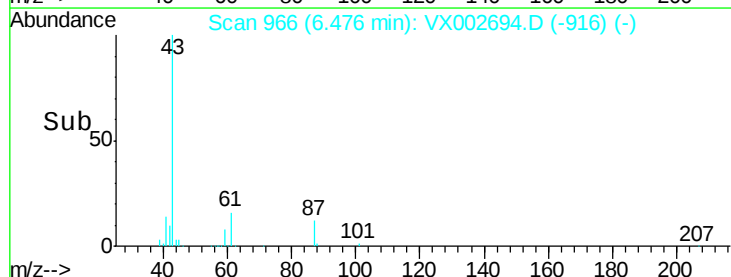
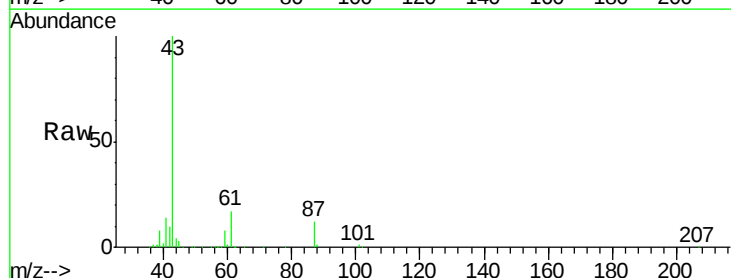
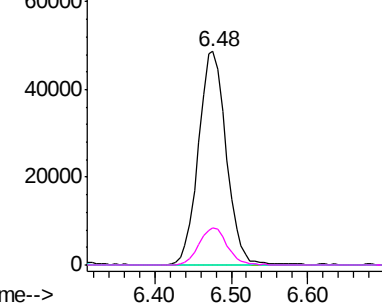
61 17.7 14.4 21.6

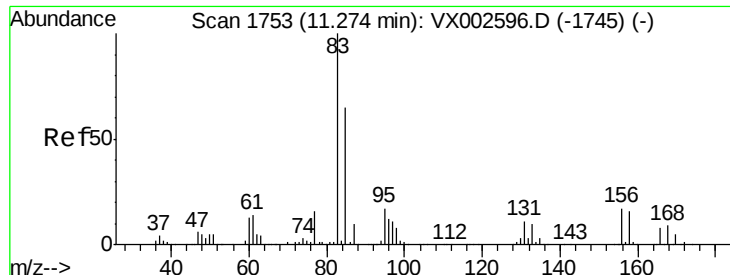
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 22.436 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX002694.D

Acq: 18 Jun 2018 22:47

Instrument :

MSVOA_X

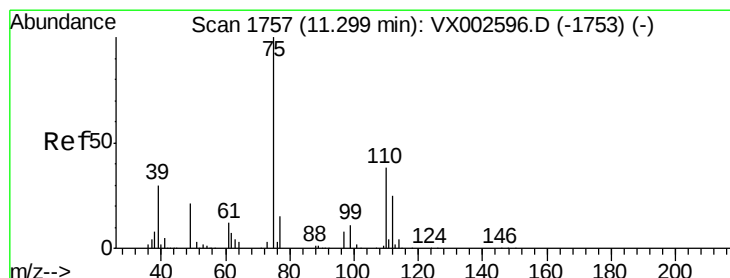
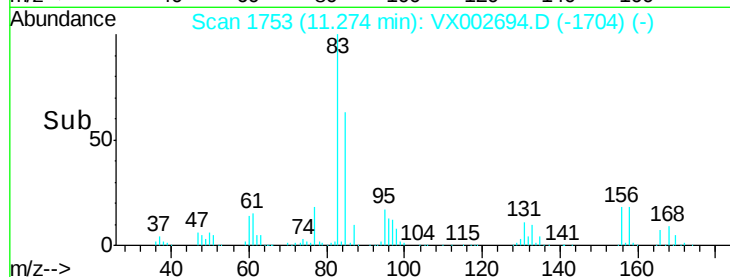
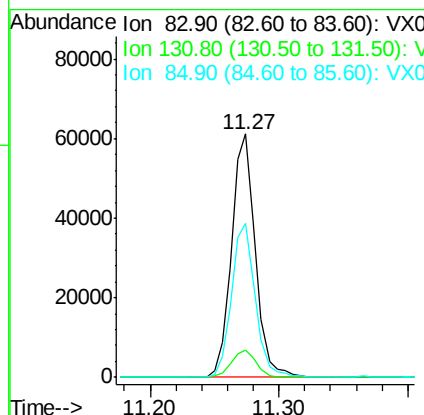
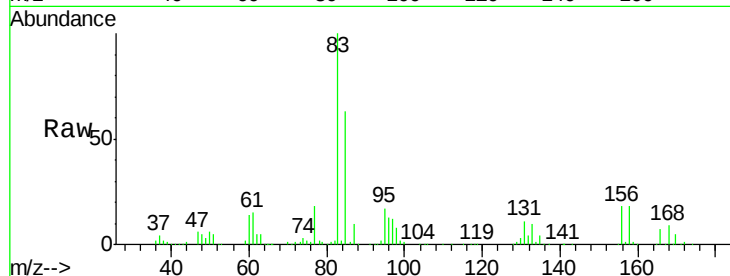
ClientSampleId :

VX0618WBSD02

Tot Ion:	83	Resp:	79267
Ion Ratio	Lower	Upper	
83	100		
131	11.5	5.6	16.8
85	63.4	32.4	97.2

Manual Integrations
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6/19/2018 1:05:35 PM



#76

1,2,3-Trichloropropane

Concen: 22.491 ug/l m

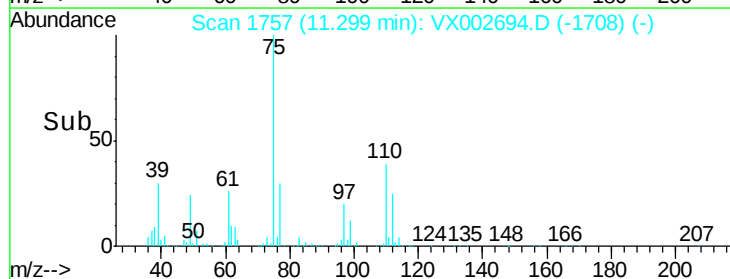
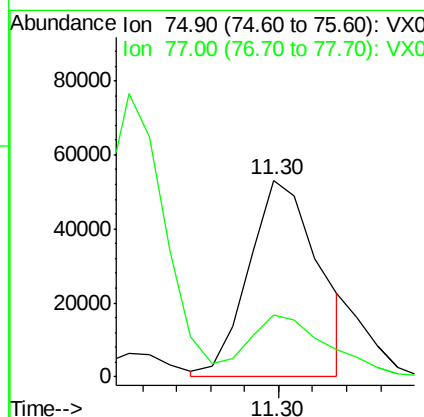
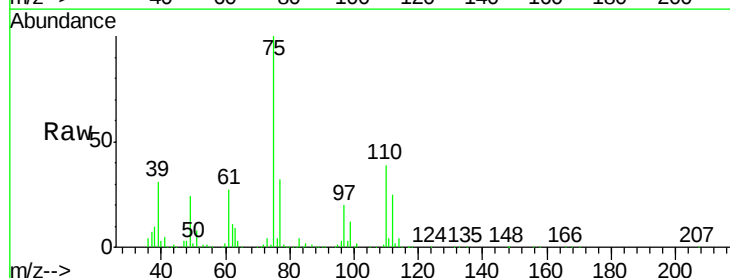
RT: 11.30 min Scan# 1757

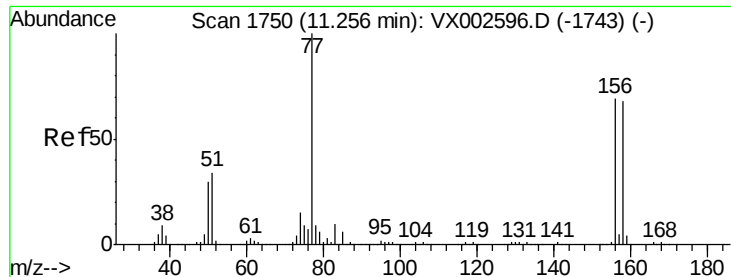
Delta R.T. 0.00 min

Lab File: VX002694.D

Acq: 18 Jun 2018 22:47

Tgt Ion:	75	Resp:	75919
Ion Ratio	Lower	Upper	
75	100		
77	36.2	22.8	68.3





#77

Bromobenzene

Concen: 20.618 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX002694.D

Acq: 18 Jun 2018 22:47

Instrument :

MSVOA_X

ClientSampleId :

VX0618WBSD02

Tot Ion:156 Resp: 68723

Ion Ratio Lower Upper

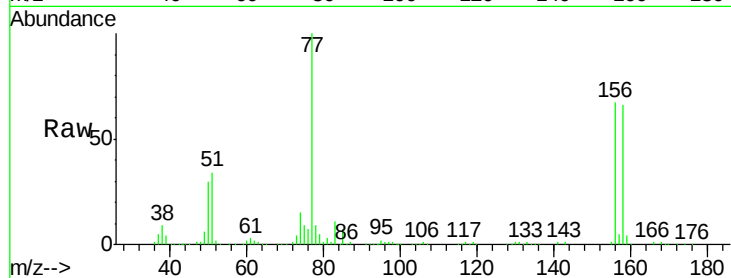
156 100

77 139.2 71.4 214.2

158 97.9 48.9 146.6

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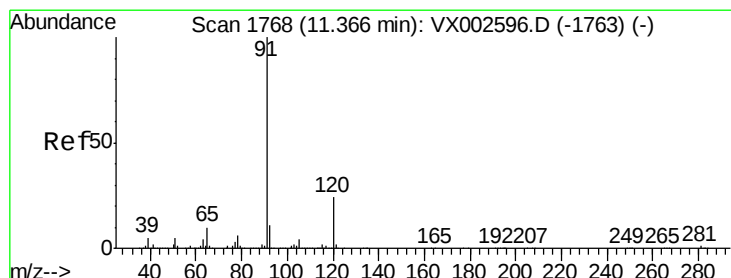
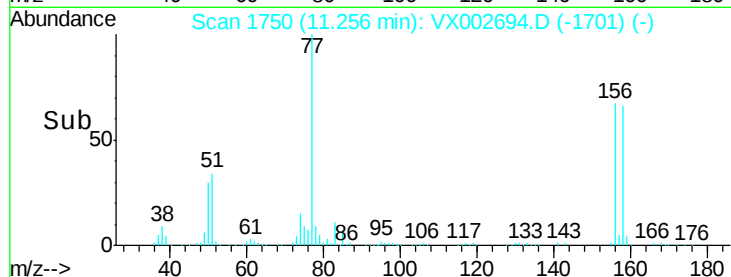
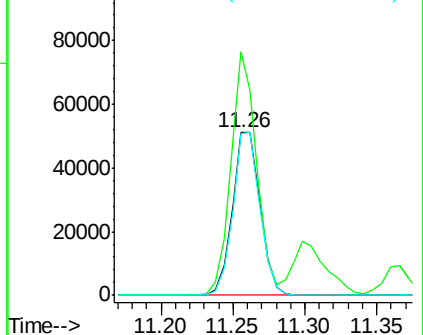
MMDadoda
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.399 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX002694.D

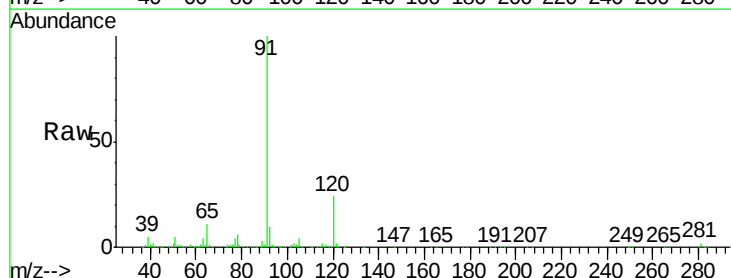
Acq: 18 Jun 2018 22:47

Tgt Ion: 91 Resp: 279899

Ion Ratio Lower Upper

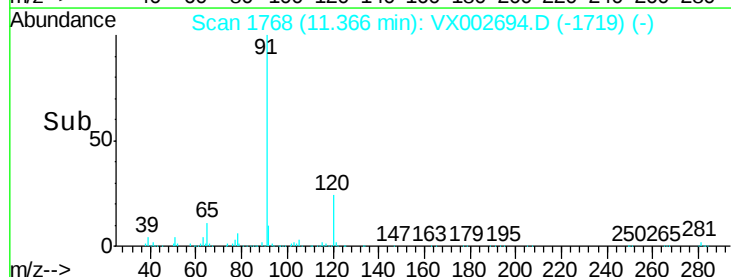
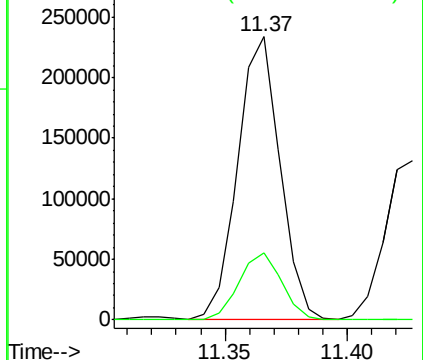
91 100

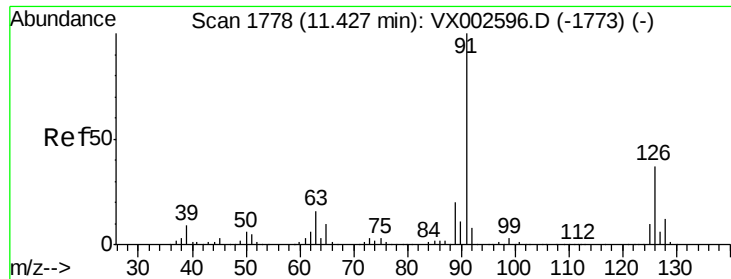
120 23.9 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.429 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX002694.D

Acq: 18 Jun 2018 22:47

Instrument :

MSVOA_X

ClientSampleId :

VX0618WBSD02

Tot Ion: 91 Resp: 167359

Ion Ratio Lower Upper

91 100

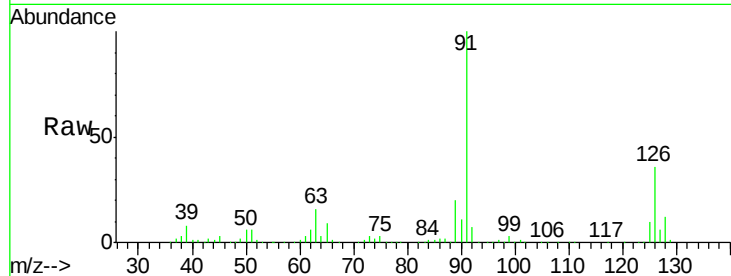
126 35.9 17.7 53.1

Manual Integrations

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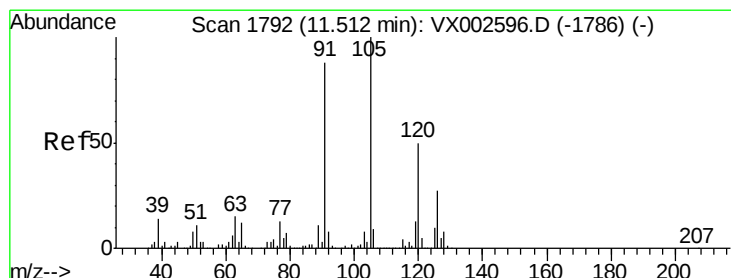
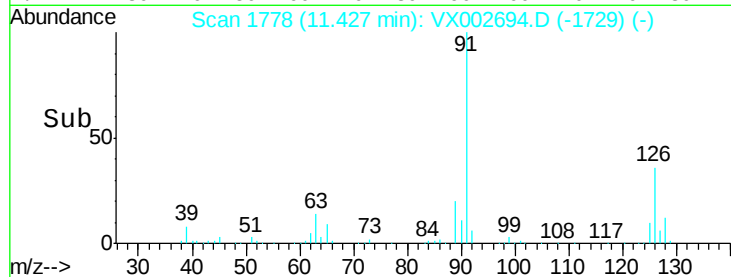
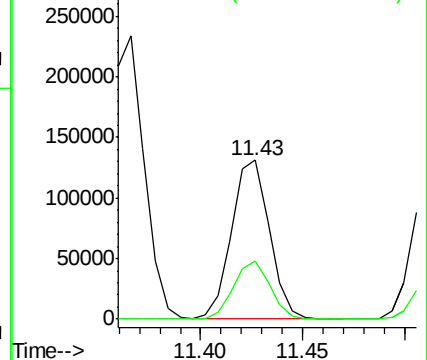
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.627 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX002694.D

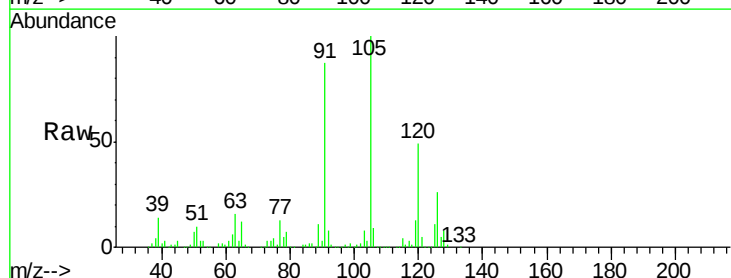
Acq: 18 Jun 2018 22:47

Tgt Ion: 105 Resp: 208556

Ion Ratio Lower Upper

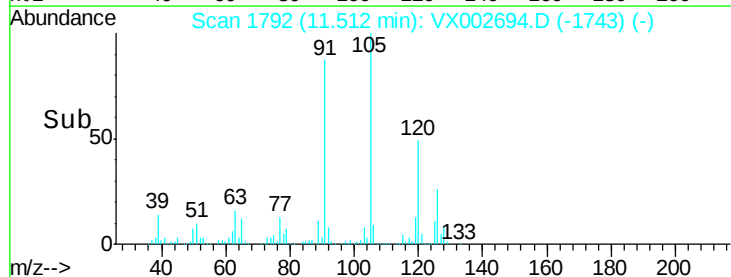
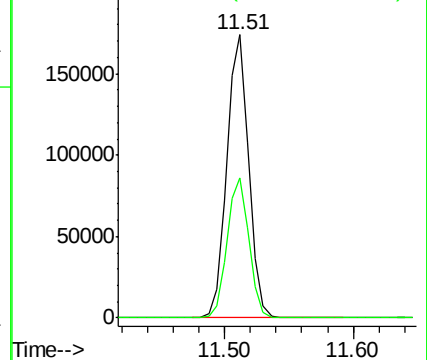
105 100

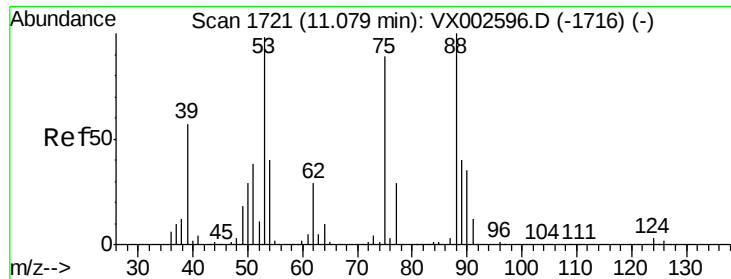
120 49.5 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





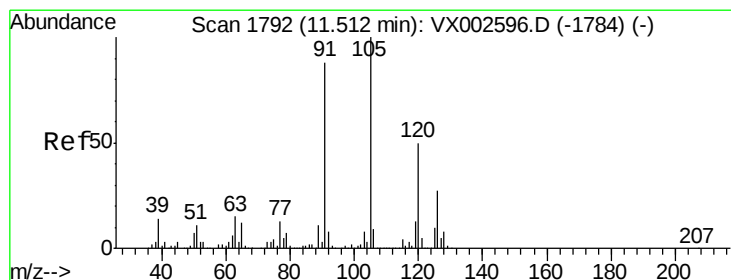
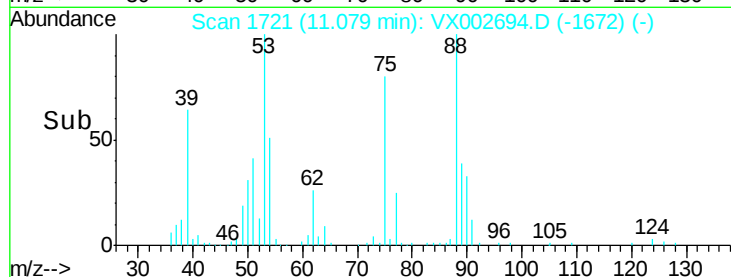
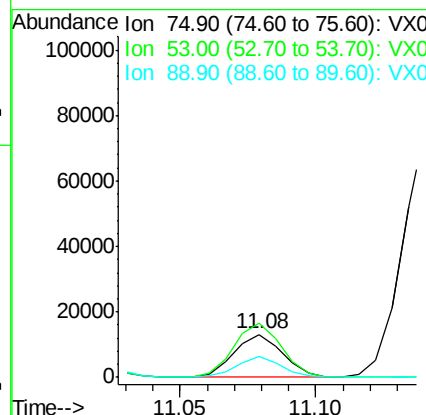
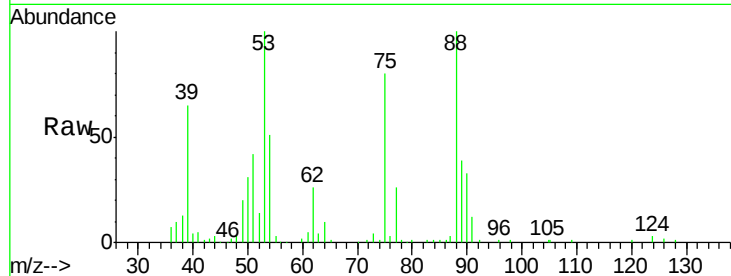
#81
trans-1,4-Dichloro-2-butene
Concen: 18.155 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX002694.D
Acq: 18 Jun 2018 22:47

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBSD02

Tot Ion	Ratio	Lower	Upper
75	100		
53	126.1	86.8	130.2
89	46.9	38.2	57.2

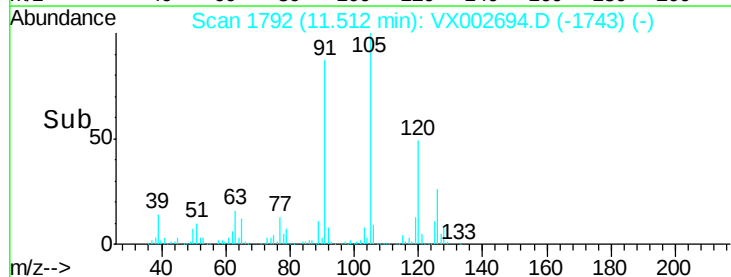
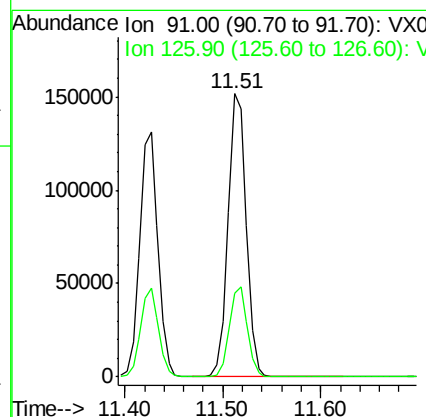
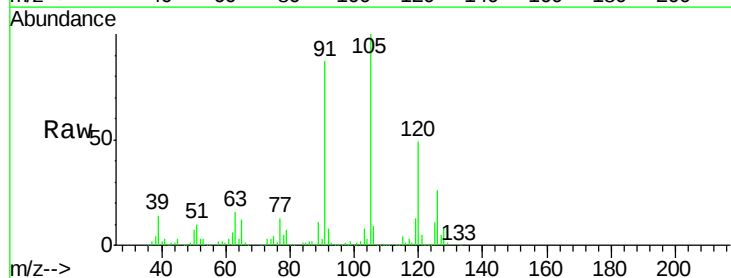
Manual Integrations
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#82
4-Chlorotoluene
Concen: 20.193 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX002694.D
Acq: 18 Jun 2018 22:47

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.5	15.4	46.4





#83

tert-Butylbenzene

Concen: 21.021 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX002694.D

Acq: 18 Jun 2018 22:47

Instrument :

MSVOA_X

ClientSampleId :

VX0618WBSD02

Tot Ion:119 Resp: 204748

Ion Ratio Lower Upper

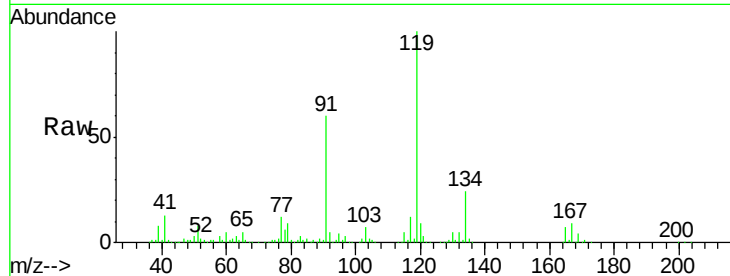
119 100

91 59.4 30.3 90.9

134 24.0 11.7 35.1

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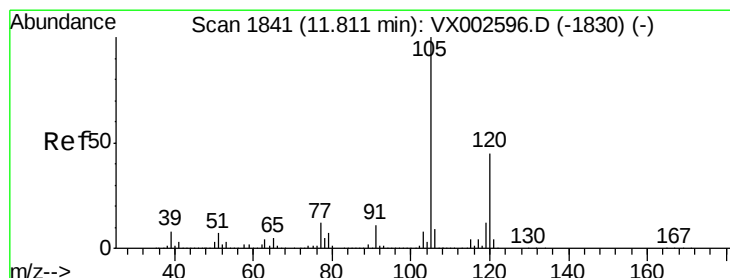
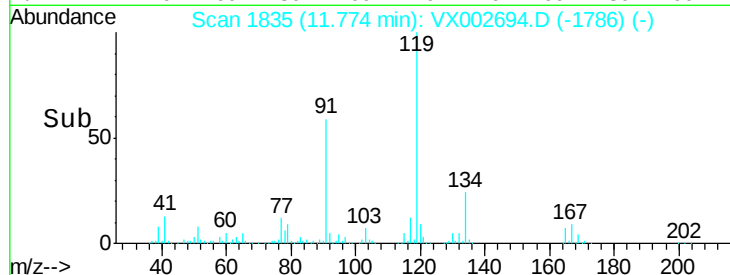
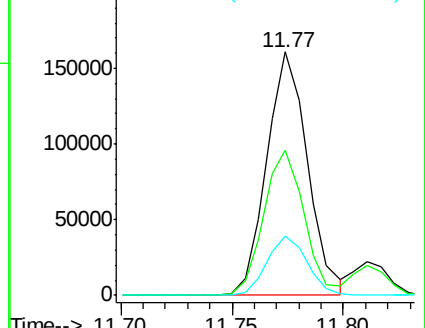
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Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 20.896 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VX002694.D

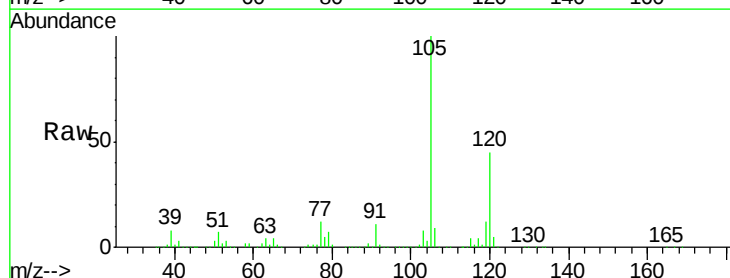
Acq: 18 Jun 2018 22:47

Tgt Ion:105 Resp: 215590

Ion Ratio Lower Upper

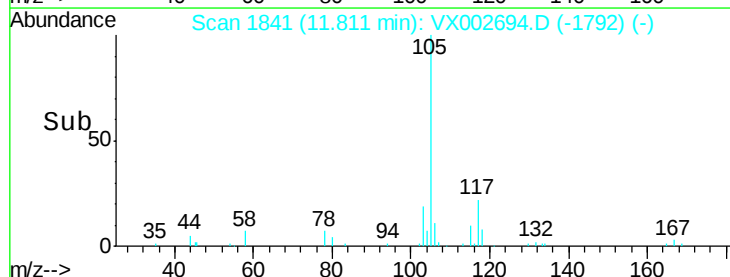
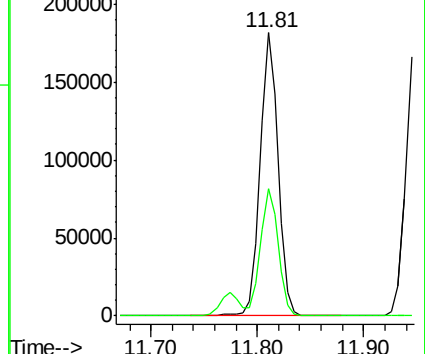
105 100

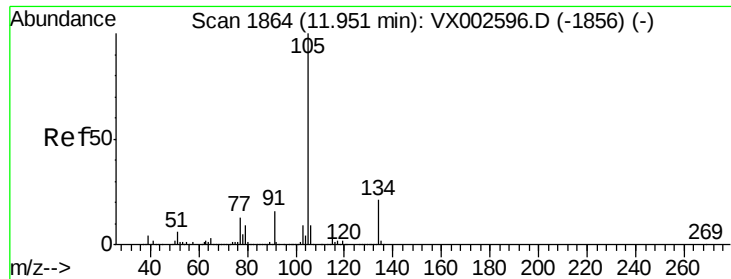
120 45.0 22.3 66.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.703 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX002694.D

Acq: 18 Jun 2018 22:47

Instrument :

MSVOA_X

ClientSampleId :

VX0618WBSD02

Tot Ion:105 Resp: 250745

Ion Ratio Lower Upper

105 100

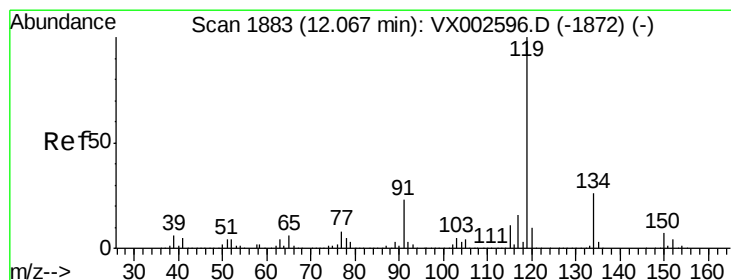
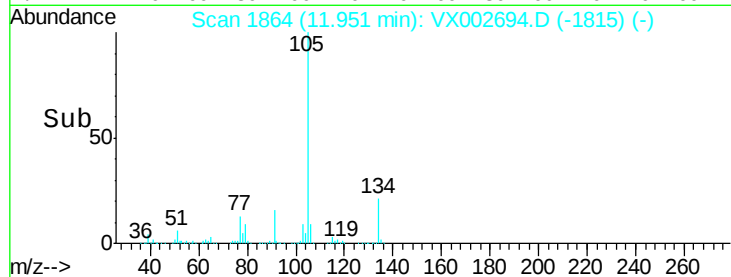
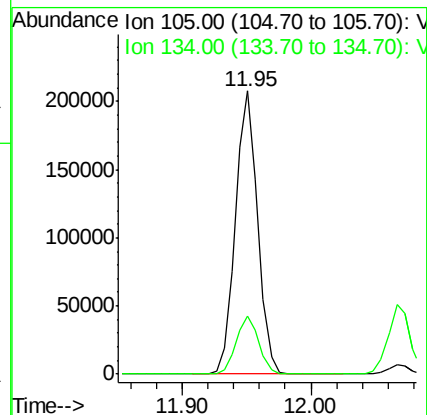
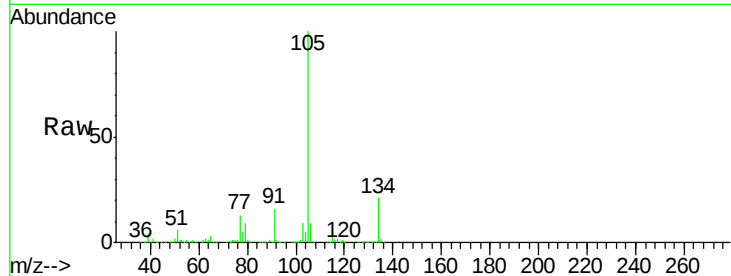
134 20.7 10.4 31.1

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 20.339 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX002694.D

Acq: 18 Jun 2018 22:47

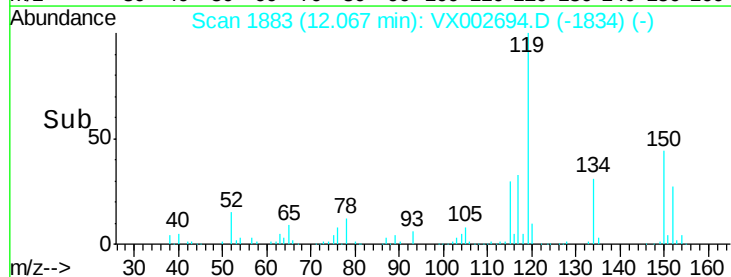
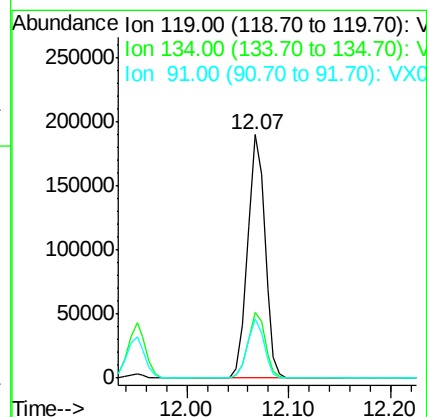
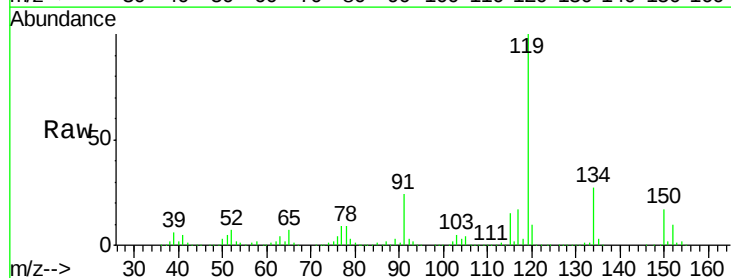
Tgt Ion:119 Resp: 222881

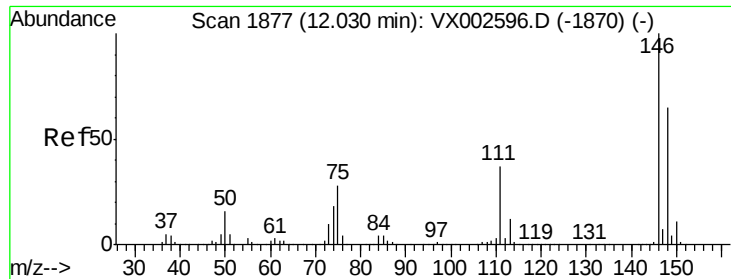
Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.1

91 23.9 11.9 35.7





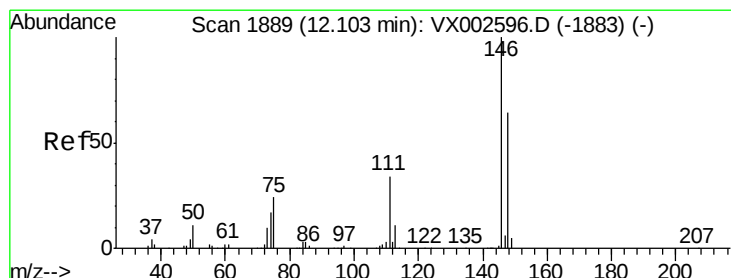
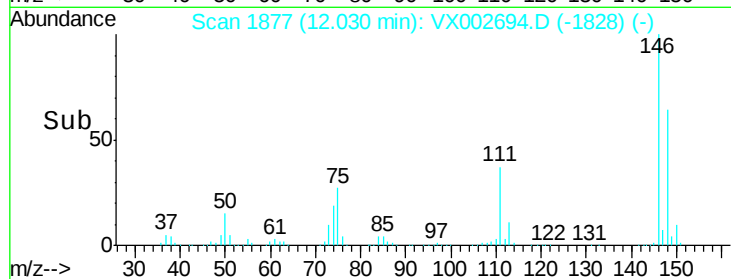
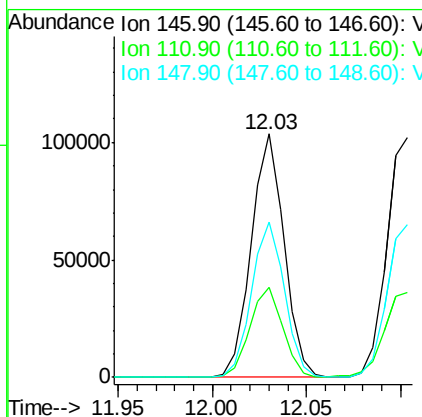
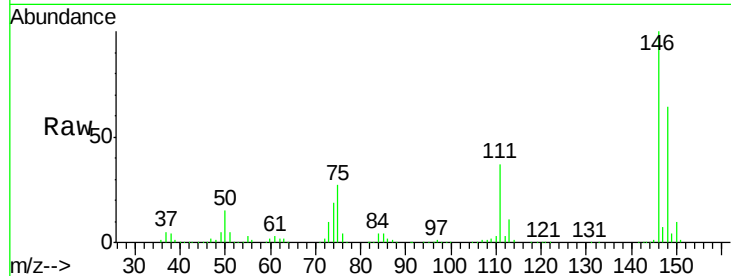
#87
 1,3-Dichlorobenzene
 Concen: 20.541 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX002694.D
 Acq: 18 Jun 2018 22:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0618WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.9	56.7
148	63.8	32.1	96.3

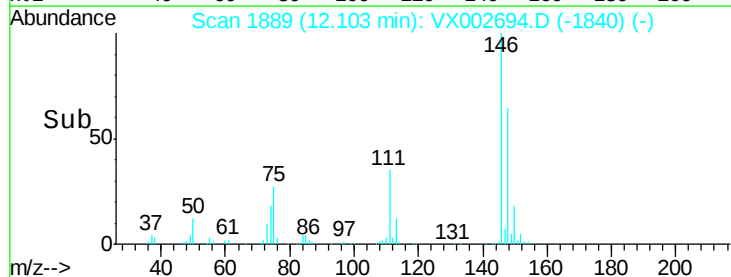
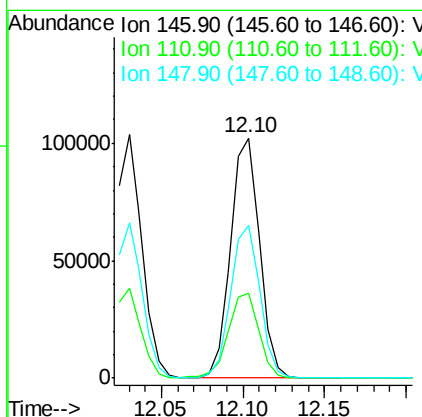
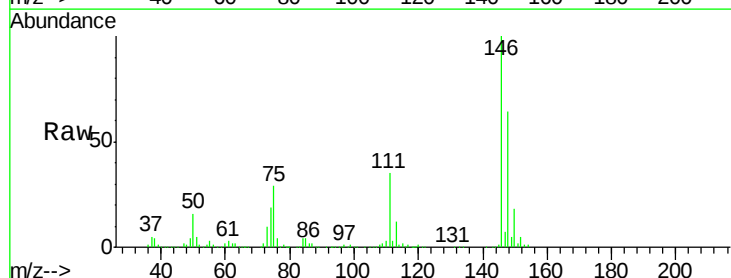
Manual Integrations
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#88
 1,4-Dichlorobenzene
 Concen: 20.316 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX002694.D
 Acq: 18 Jun 2018 22:47

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.7	56.1
148	64.4	32.4	97.0





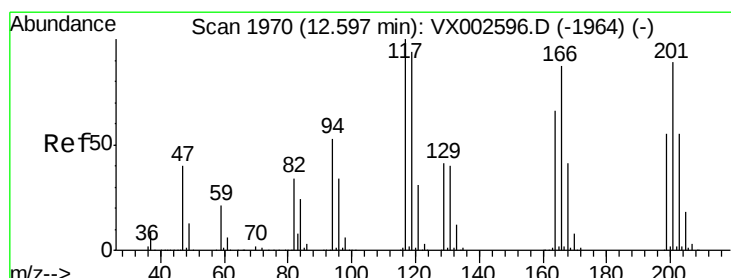
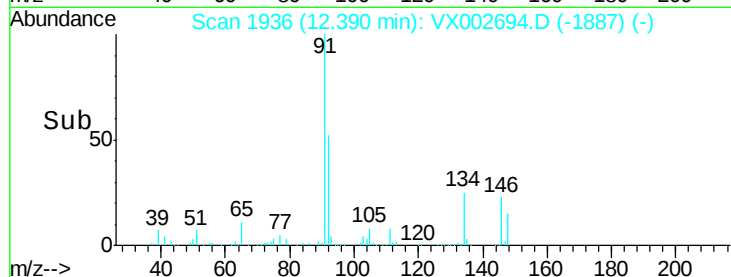
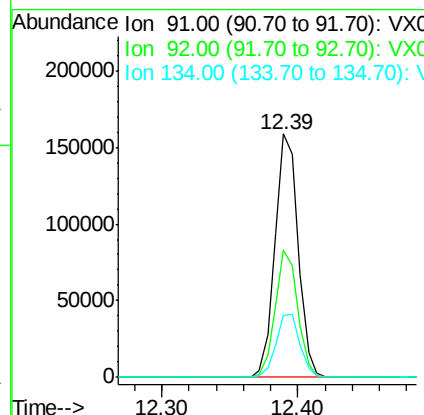
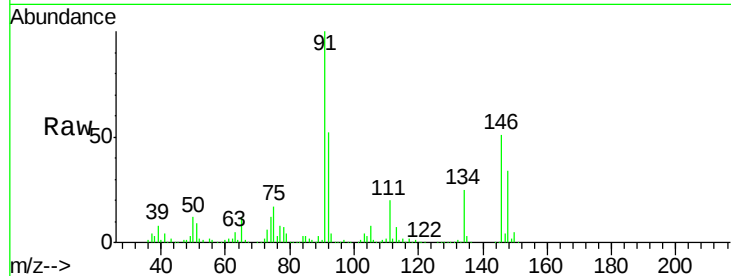
#89
n-Butylbenzene
Concen: 19.604 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX002694.D
Acq: 18 Jun 2018 22:47

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBSD02

Tot Ion	Ratio	Lower	Upper
91	100		
92	50.8	26.0	78.0
134	26.8	13.5	40.5

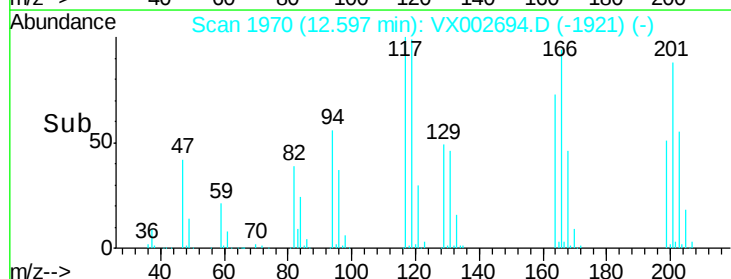
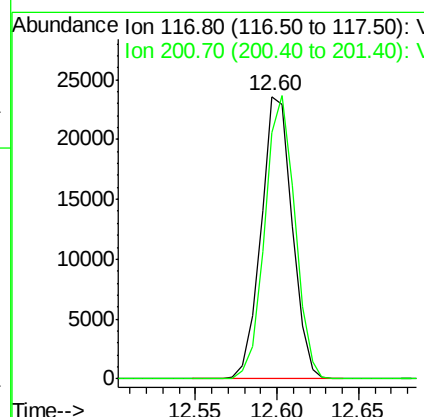
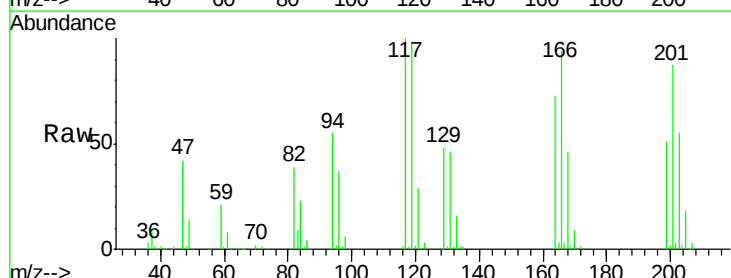
Manual Integrations
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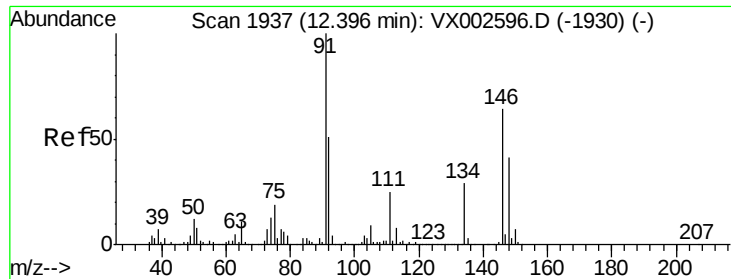
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#90
Hexachloroethane
Concen: 19.936 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VX002694.D
Acq: 18 Jun 2018 22:47

Tgt Ion	Ratio	Lower	Upper
117	100		
201	96.3	49.0	147.0





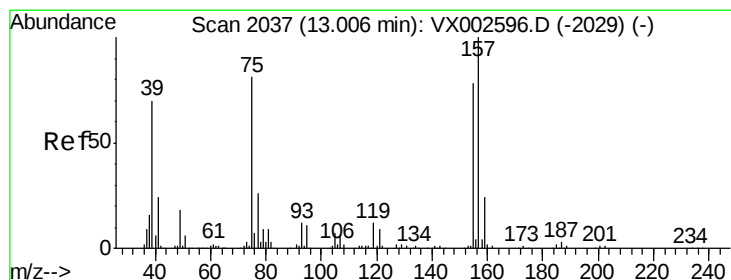
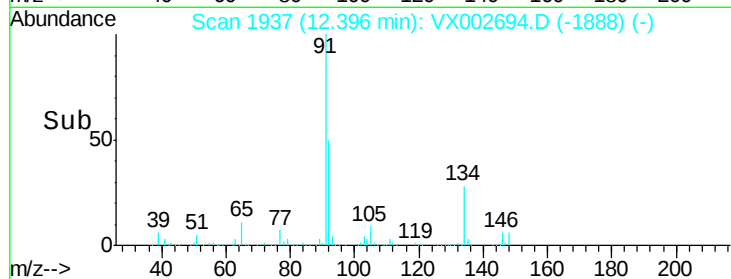
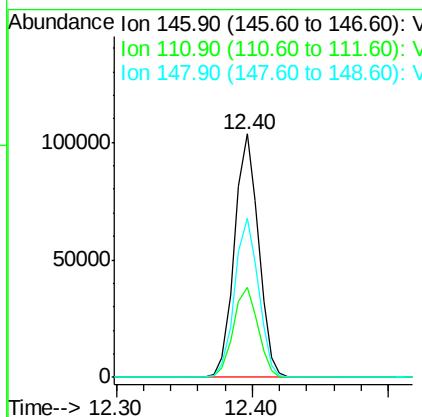
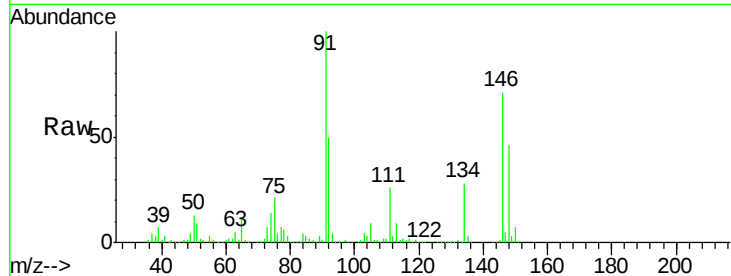
#91
 1,2-Dichlorobenzene
 Concen: 20.673 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX002694.D
 Acq: 18 Jun 2018 22:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0618WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
146	100	127182		
111	38.0	19.4	58.1	
148	64.9	31.7	95.1	

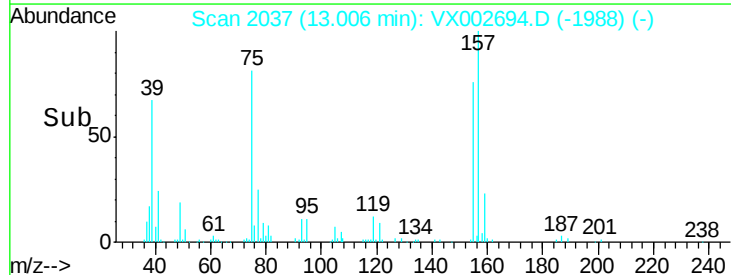
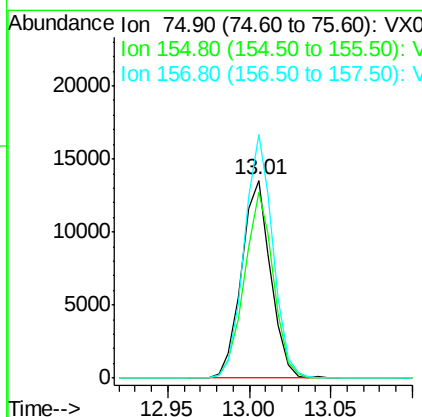
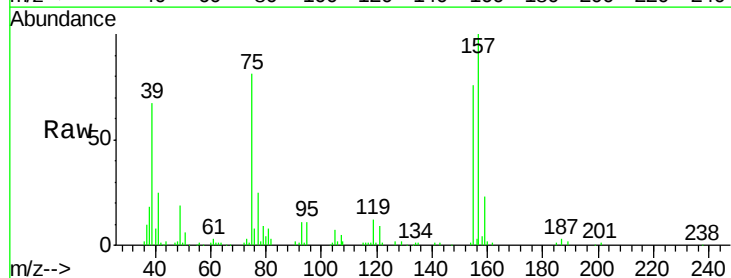
Manual Integrations
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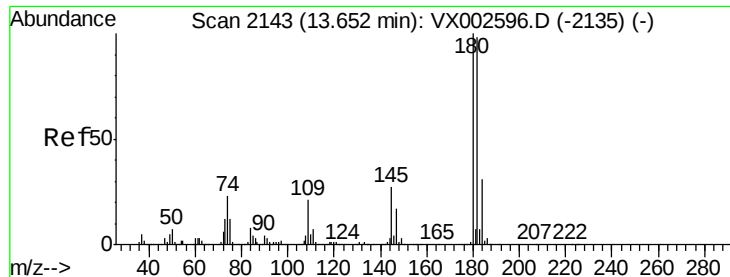
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.789 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX002694.D
 Acq: 18 Jun 2018 22:47

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	16865		
155	92.9	45.8	137.4	
157	120.2	60.1	180.3	





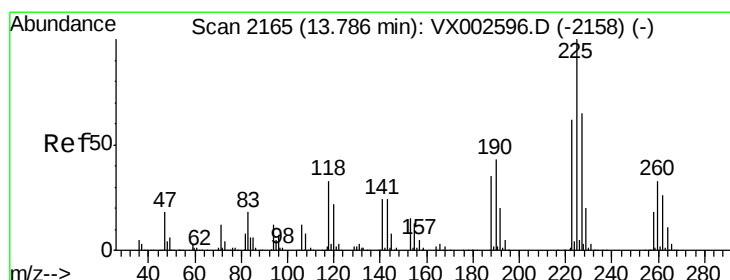
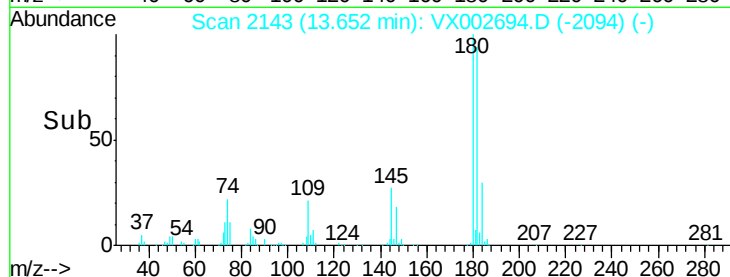
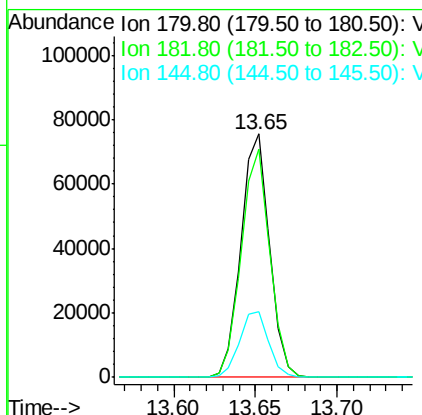
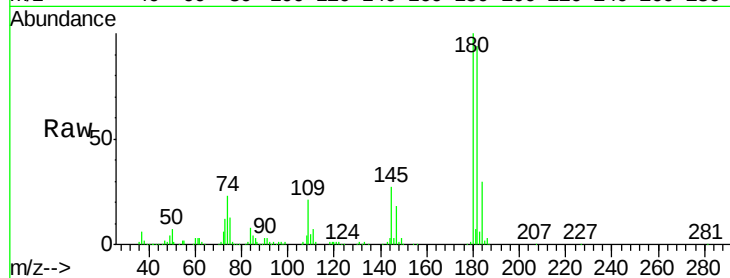
#93
 1,2,4-Trichlorobenzene
 Concen: 20.663 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX002694.D
 Acq: 18 Jun 2018 22:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0618WBSD02

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.0	47.7	143.1
145	27.7	14.1	42.4

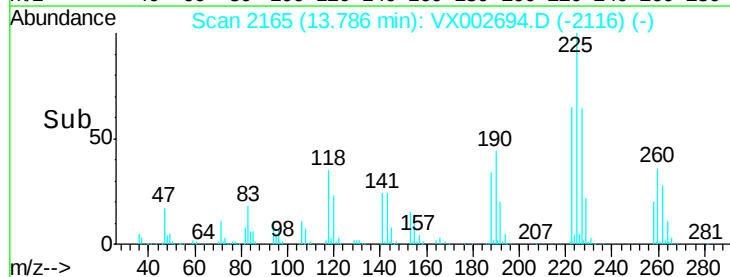
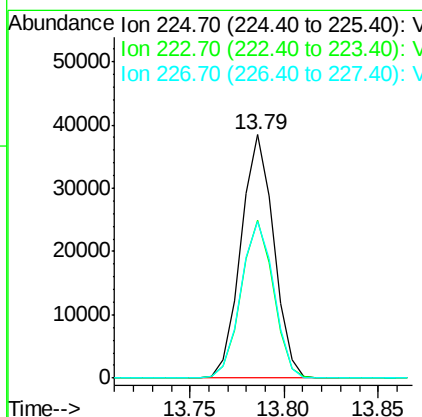
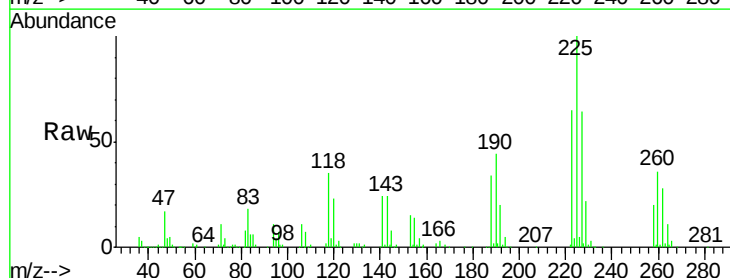
Manual Integrations
 APPROVED

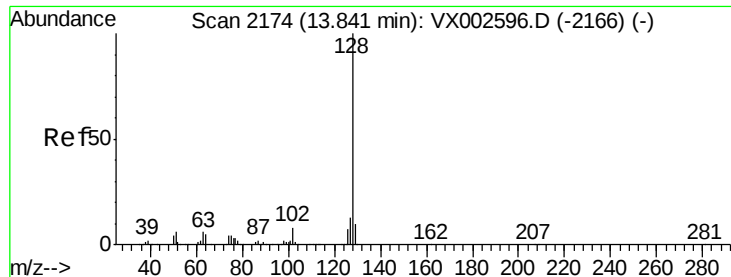
MMDadoda
 6/19/2018 1:05:35 PM



#94
 Hexachlorobutadiene
 Concen: 19.710 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX002694.D
 Acq: 18 Jun 2018 22:47

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.7	31.6	95.0
227	65.0	32.4	97.2





#95

Naphthalene

Concen: 21.773 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX002694.D

Acq: 18 Jun 2018 22:47

Instrument :

MSVOA_X

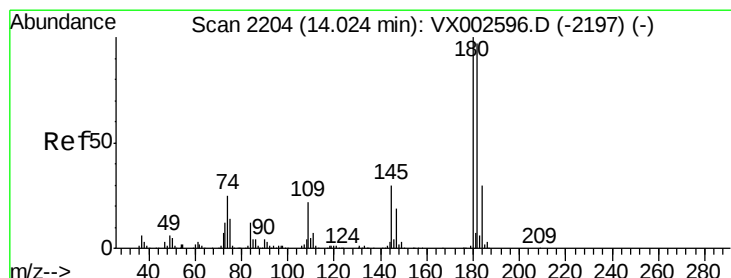
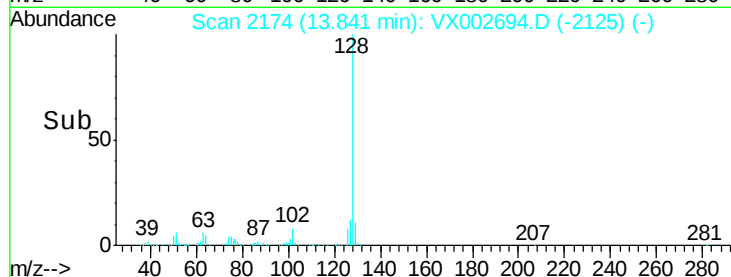
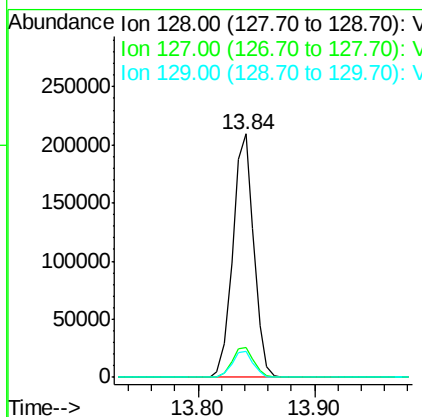
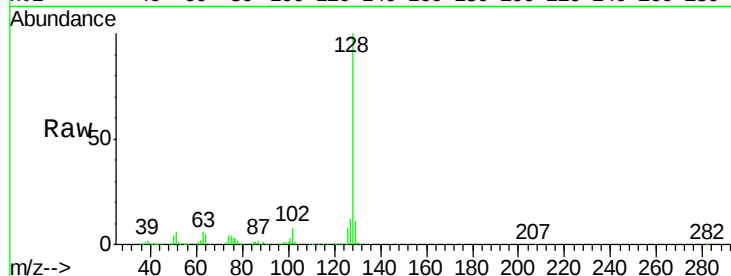
ClientSampleId :

VX0618WBSD02

Tot Ion:	128	Resp:	261604
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.4	15.6
129	10.9	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
6/19/2018 1:05:35 PM



#96

1,2,3-Trichlorobenzene

Concen: 21.315 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX002694.D

Acq: 18 Jun 2018 22:47

Tgt Ion:	180	Resp:	95584
Ion Ratio	Lower	Upper	
180	100		
182	96.0	48.0	144.0
145	29.6	14.8	44.3

