

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051518\
 Data File : VX001750.D
 Acq On : 15 May 2018 17:22
 Operator : JC/MD
 Sample : VX0515WBSD03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0515WBSD03

Manual Integrations
 APPROVED

MMDadoda
 5/16/2018 11:54:16 AM

Quant Time: May 16 05:28:42 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 15 01:36:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	286686	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	382494	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	339650	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	209306	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	212420	55.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.56%	
35) Dibromofluoromethane	5.51	113	175658	54.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.84%	
50) Toluene-d8	8.72	98	594801	51.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.90%	
62) 4-Bromofluorobenzene	11.15	95	208597	50.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	57333	19.93	ug/l	100
3) Chloromethane	1.32	50	67612	21.76	ug/l	100
4) Vinyl Chloride	1.40	62	72018	21.43	ug/l	100
5) Bromomethane	1.64	94	35437	23.37	ug/l	99
6) Chloroethane	1.72	64	48503	22.92	ug/l	96
7) Trichlorofluoromethane	1.93	101	99436	20.37	ug/l	99
8) Diethyl Ether	2.19	74	45166	22.47	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	56204	19.12	ug/l	99
10) Methyl Iodide	2.51	142	60489	22.37	ug/l	100
11) Tert butyl alcohol	3.09	59	90669	132.90	ug/l	100
12) 1,1-Dichloroethene	2.37	96	58341	20.59	ug/l	98
13) Acrolein	2.30	56	61914	127.96	ug/l	100
14) Allyl chloride	2.73	41	114880	21.93	ug/l	97
15) Acrylonitrile	3.15	53	205941	120.18	ug/l	99
16) Acetone	2.45	43	182358	120.82	ug/l	98
17) Carbon Disulfide	2.57	76	141834	19.19	ug/l	99
18) Methyl Acetate	2.78	43	113088	25.63	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	214653	22.48	ug/l	98
20) Methylene Chloride	2.86	84	70253	21.75	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	64480	20.66	ug/l	98
22) Diisopropyl ether	3.88	45	224313	22.33	ug/l	98
23) Vinyl Acetate	3.83	43	766517	105.88	ug/l	99
24) 1,1-Dichloroethane	3.70	63	121858	22.11	ug/l	99
25) 2-Butanone	4.73	43	287040	124.22	ug/l	97
26) 2,2-Dichloropropane	4.59	77	76996	17.36	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	73746	20.76	ug/l	97
28) Bromochloromethane	5.03	49	60254	24.62	ug/l	98
29) Tetrahydrofuran	5.18	42	181763	120.68	ug/l	99
30) Chloroform	5.22	83	127339	22.00	ug/l	97
31) Cyclohexane	5.57	56	89015	18.43	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	107505	21.49	ug/l	99
36) 1,1-Dichloropropene	5.80	75	83678	19.00	ug/l	100
37) Ethyl Acetate	4.88	43	106581	23.23	ug/l	99
38) Carbon Tetrachloride	5.79	117	93411	20.25	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	91006	17.69	ug/l	99
40) Benzene	6.15	78	272636	21.02	ug/l	98
41) Methacrylonitrile	5.07	41	58830	22.17	ug/l	99
42) 1,2-Dichloroethane	6.21	62	103459	22.05	ug/l	99
43) Isopropyl Acetate	6.48	43	157694	21.96	ug/l	100
44) Trichloroethene	7.22	130	81090	20.14	ug/l	98
45) 1,2-Dichloropropane	7.52	63	68685	21.58	ug/l	100
46) Dibromomethane	7.67	93	48399	21.65	ug/l	99
47) Bromodichloromethane	7.91	83	89491	21.58	ug/l	100
48) Methyl methacrylate	7.79	41	84184	22.27	ug/l	99
49) 1,4-Dioxane	7.77	88	39522	542.99	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	527073	115.81	ug/l	100
52) Toluene	8.79	92	166306	19.95	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	95110	19.49	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	83619	19.44	ug/l	99
55) 1,1,2-Trichloroethane	9.23	97	70743	22.20	ug/l	97
56) Ethyl methacrylate	9.19	69	97505	21.58	ug/l	99
57) 1,3-Dichloropropane	9.38	76	115397	21.63	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	259711	111.73	ug/l	99
59) 2-Hexanone	9.51	43	403427	123.82	ug/l	99
60) Dibromochloromethane	9.59	129	71382	21.88	ug/l	99
61) 1,2-Dibromoethane	9.68	107	74570	22.35	ug/l	98
64) Tetrachloroethene	9.34	164	87831	19.86	ug/l	97
65) Chlorobenzene	10.15	112	187096	20.03	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	71255	21.59	ug/l	98
67) Ethyl Benzene	10.26	91	292505	19.59	ug/l	100
68) m/p-Xylenes	10.37	106	233987	39.72	ug/l	99
69) o-Xylene	10.71	106	115100	20.40	ug/l	99
70) Styrene	10.72	104	190844	20.51	ug/l	100
71) Bromoform	10.87	173	56089	20.12	ug/l #	98
73) Isopropylbenzene	11.02	105	299119	21.70	ug/l	100
74) N-amyl acetate	6.48	43	157694	23.86	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	99451	24.05	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	96582m	24.27	ug/l	
77) Bromobenzene	11.26	156	90096	22.24	ug/l	100
78) n-propylbenzene	11.37	91	318216	20.49	ug/l	100
79) 2-Chlorotoluene	11.43	91	202924	21.85	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	248225	21.95	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	22657	19.15	ug/l	93
82) 4-Chlorotoluene	11.52	91	229808	21.00	ug/l	99
83) tert-Butylbenzene	11.77	119	244215	21.70	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	259335	22.15	ug/l	100
85) sec-Butylbenzene	11.95	105	285589	20.56	ug/l	100
86) p-Isopropyltoluene	12.07	119	262395	20.41	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	153202	20.45	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	156608	20.22	ug/l	99
89) n-Butylbenzene	12.40	91	200168	18.01	ug/l	99
90) Hexachloroethane	12.60	117	41237	20.66	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	161457	21.63	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	21984	24.91	ug/l	99

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ClientSampleId :
VX0515WBSD03

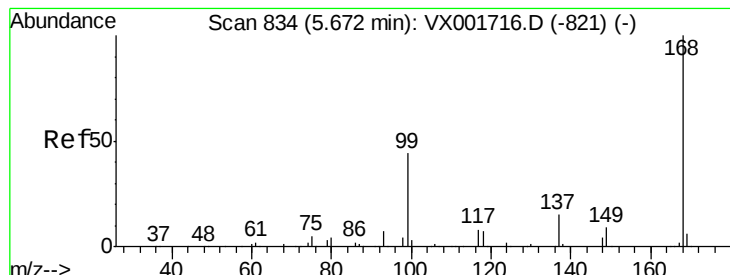
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	111013	18.66	ug/l	99
94) Hexachlorobutadiene	13.79	225	58327	18.26	ug/l	100
95) Naphthalene	13.84	128	341016	22.05	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	119344	19.92	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX001750.D

Acq: 15 May 2018 17:22

Instrument :

MSVOA_X

ClientSampleId :

VX0515WBSD03

Tot Ion:168 Resp: 286686

Ion Ratio Lower Upper

168 100

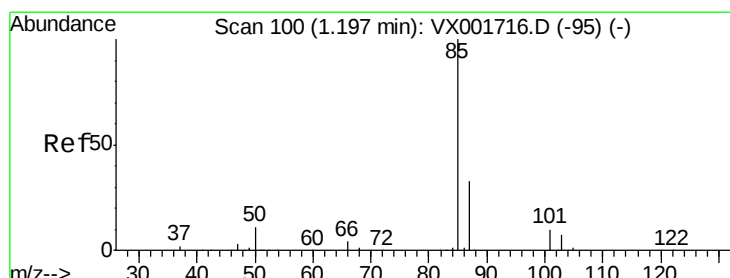
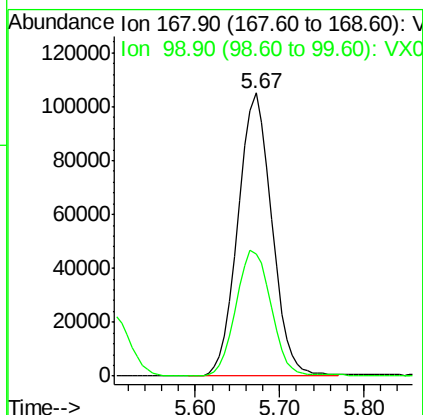
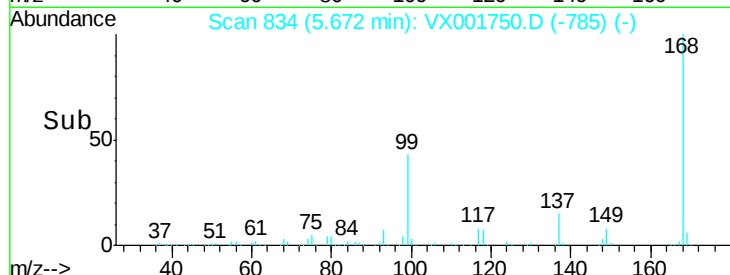
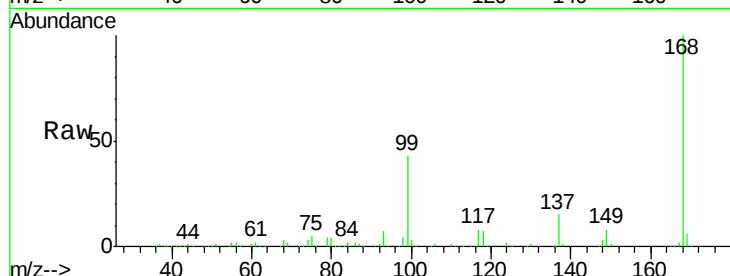
99 42.9 35.0 52.4

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 19.93 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX001750.D

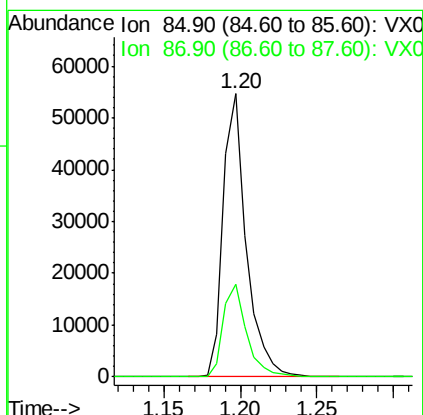
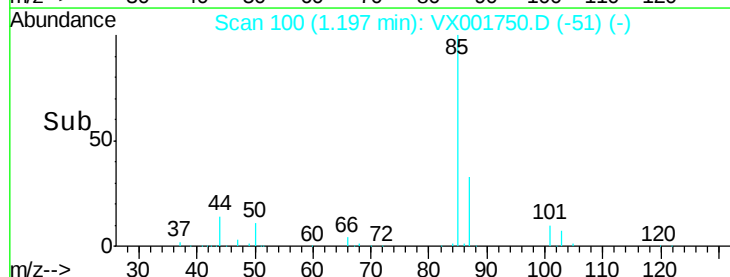
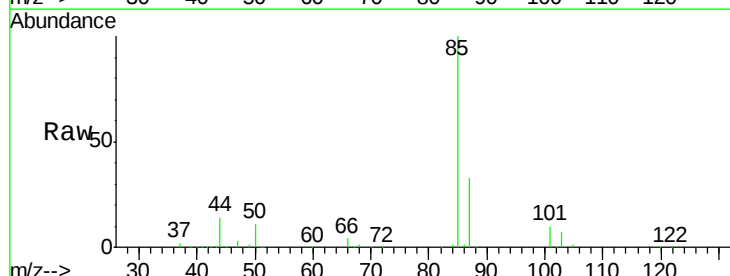
Acq: 15 May 2018 17:22

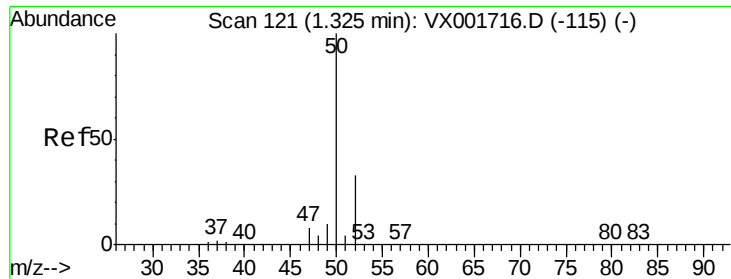
Tgt Ion: 85 Resp: 57333

Ion Ratio Lower Upper

85 100

87 32.5 16.4 49.2





#3

Chloromethane

Concen: 21.76 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX001750.D

Acq: 15 May 2018 17:22

Instrument :

MSVOA_X

ClientSampleId :

VX0515WBSD03

Tot Ion: 50 Resp: 67612

Ion Ratio Lower Upper

50 100

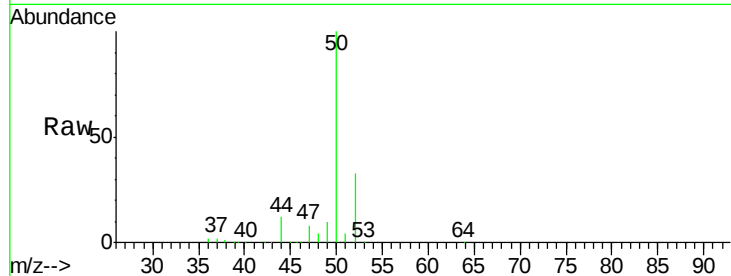
52 33.0 26.3 39.5

Manual Integrations

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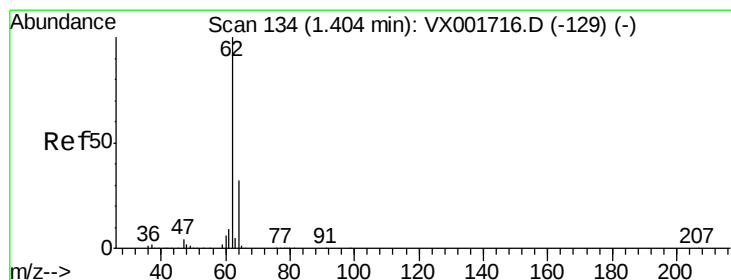
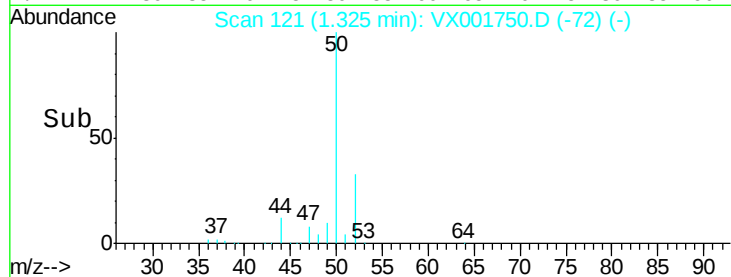
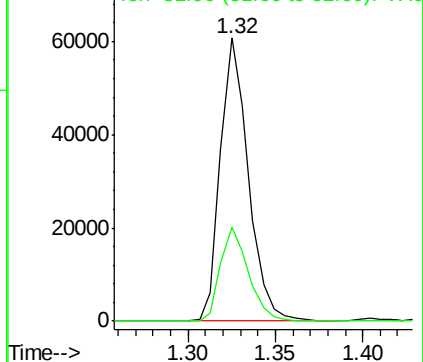
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 21.43 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX001750.D

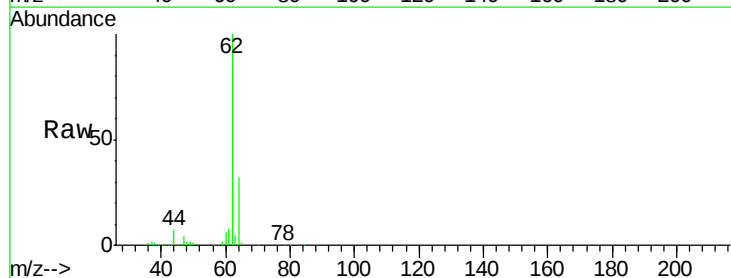
Acq: 15 May 2018 17:22

Tgt Ion: 62 Resp: 72018

Ion Ratio Lower Upper

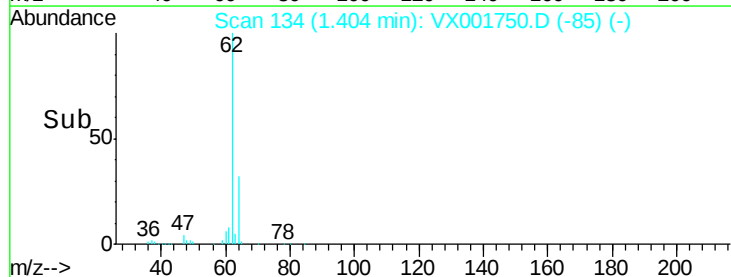
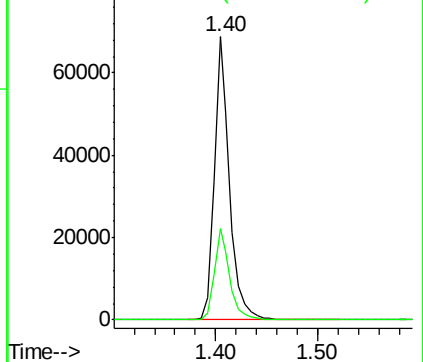
62 100

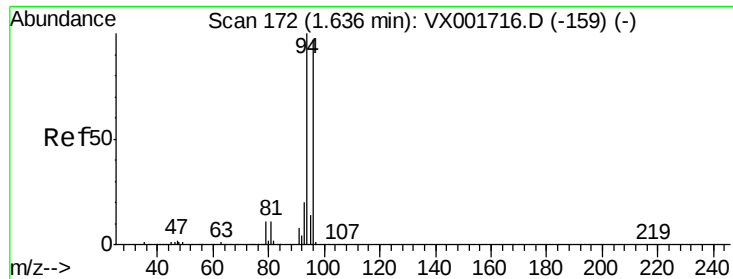
64 32.0 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 23.37 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001750.D

Acq: 15 May 2018 17:22

Instrument :

MSVOA_X

ClientSampleId :

VX0515WBSD03

Tot Ion: 94 Resp: 35437

Ion Ratio Lower Upper

94 100

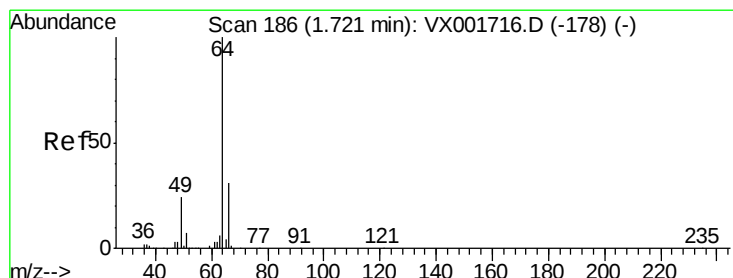
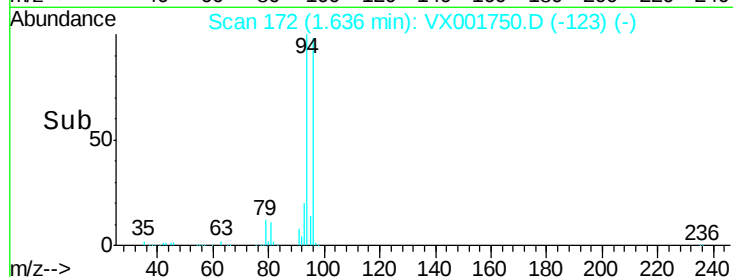
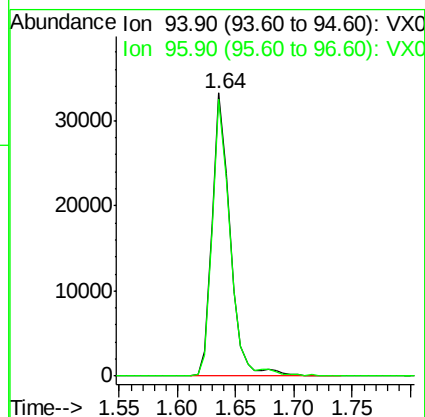
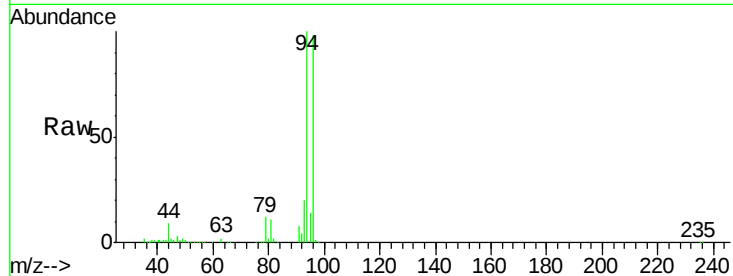
96 97.9 77.4 116.0

Manual Integrations

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#6

Chloroethane

Concen: 22.92 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX001750.D

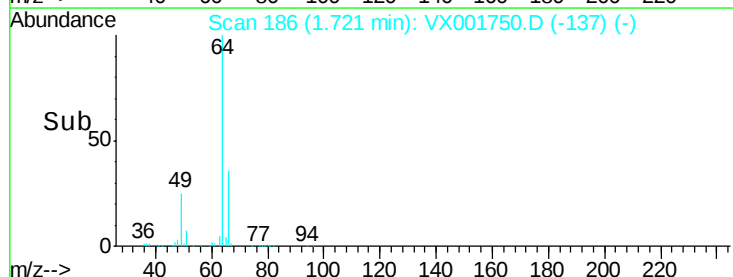
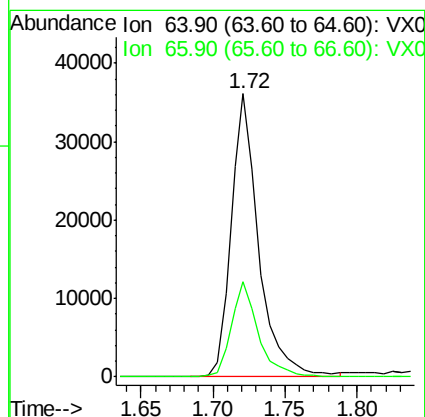
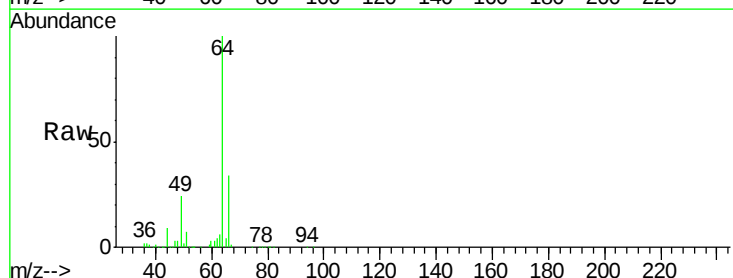
Acq: 15 May 2018 17:22

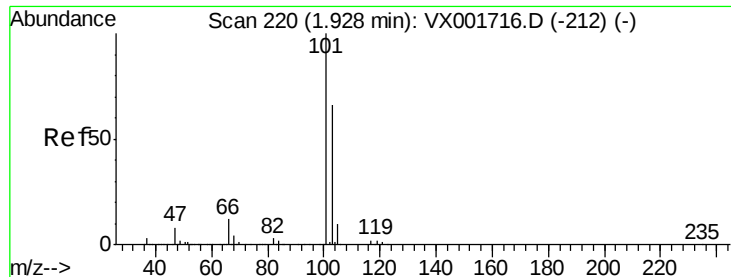
Tgt Ion: 64 Resp: 48503

Ion Ratio Lower Upper

64 100

66 33.6 25.2 37.8





#7

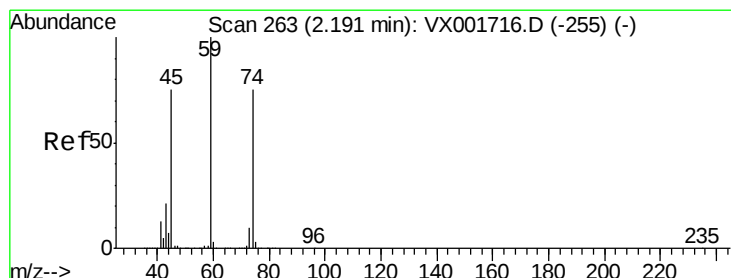
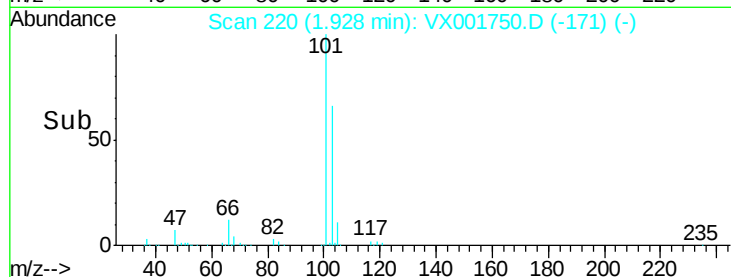
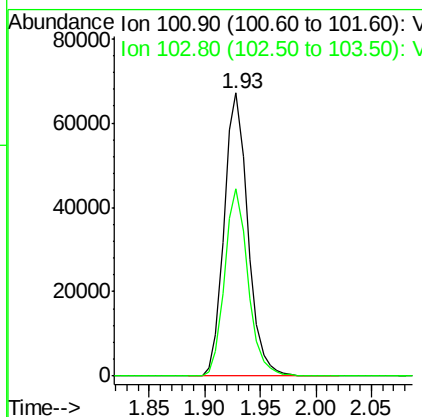
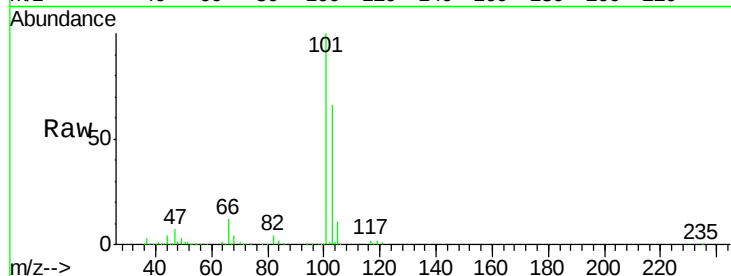
Trichlorofluoromethane
Concen: 20.37 ug/l
RT: 1.93 min Scan# 220
Delta R.T. -0.00 min
Lab File: VX001750.D
Acq: 15 May 2018 17:22

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ClientSampleId :
VX0515WBSD03

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.2	52.6	78.8

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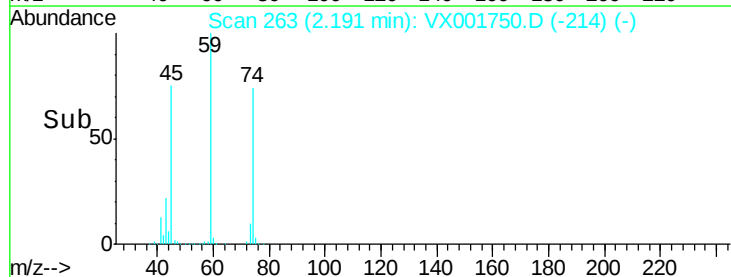
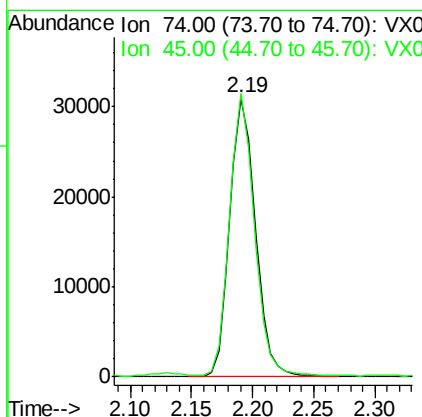
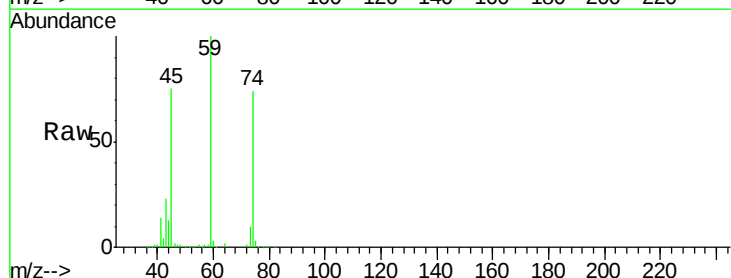
MMDadoda
5/16/2018 11:54:16 AM

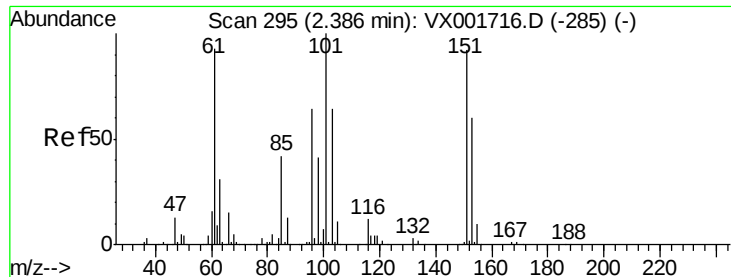


#8

Diethyl Ether
Concen: 22.47 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX001750.D
Acq: 15 May 2018 17:22

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.1	50.0	149.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.12 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX001750.D

Acq: 15 May 2018 17:22

Instrument :

MSVOA_X

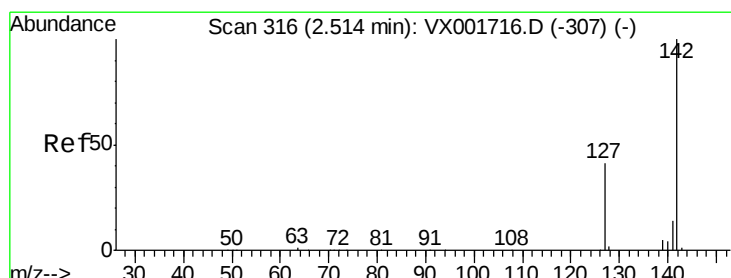
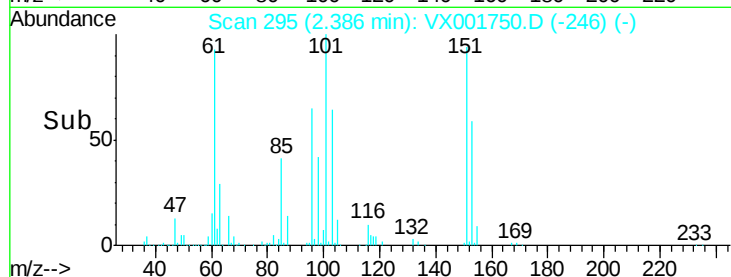
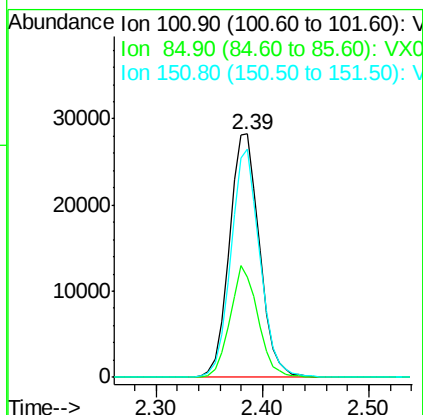
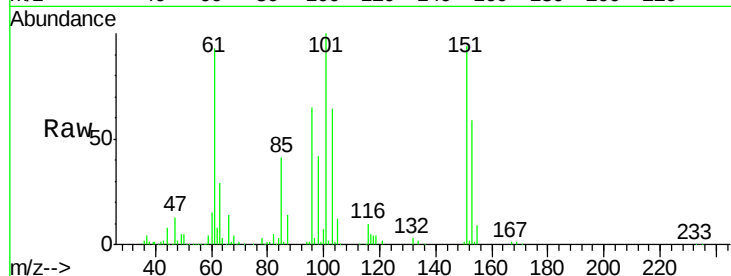
ClientSampleId :

VX0515WBSD03

Tot Ion:	101	Resp:	56204
Ion Ratio	Lower	Upper	
101	100		
85	42.4	33.7	50.5
151	90.3	73.0	109.6

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#10

Methyl Iodide

Concen: 22.37 ug/l

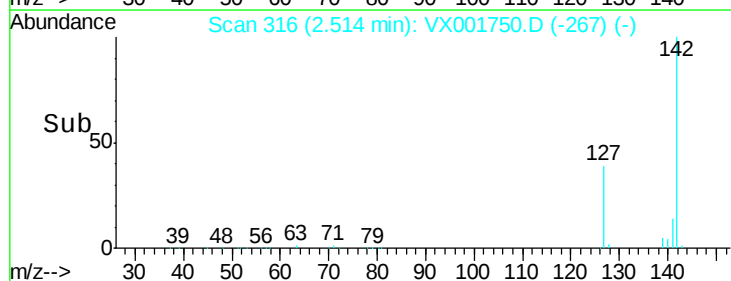
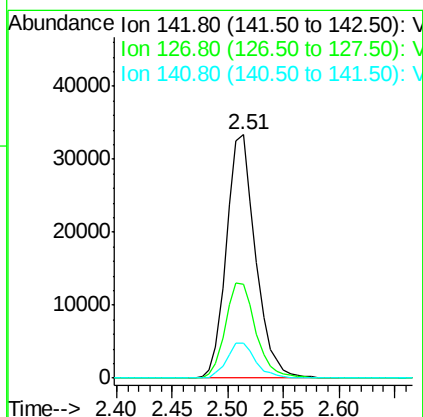
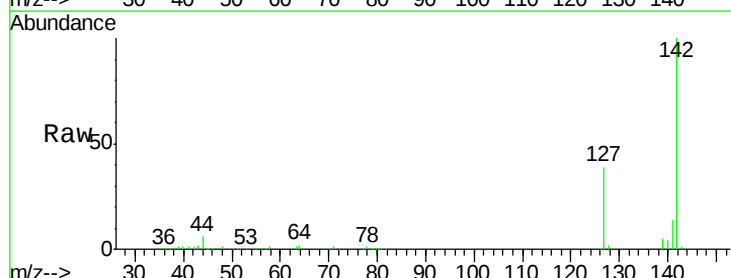
RT: 2.51 min Scan# 316

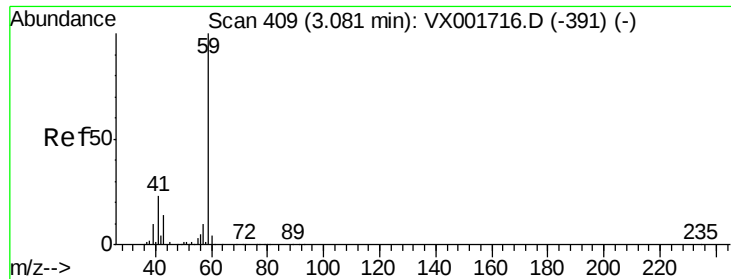
Delta R.T. -0.00 min

Lab File: VX001750.D

Acq: 15 May 2018 17:22

Tgt Ion:	142	Resp:	60489
Ion Ratio	Lower	Upper	
142	100		
127	40.8	32.5	48.7
141	14.3	11.4	17.0





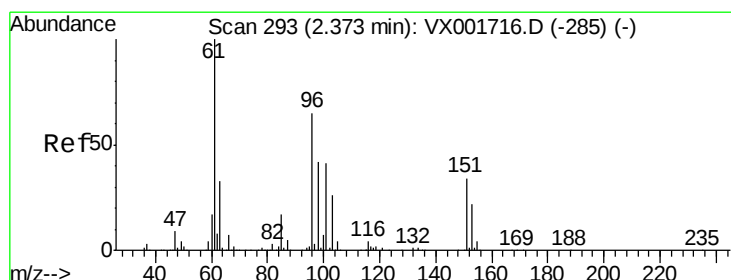
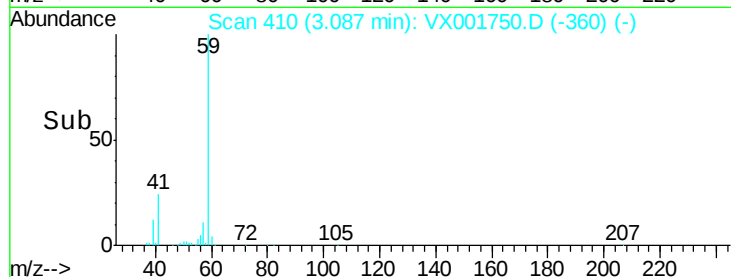
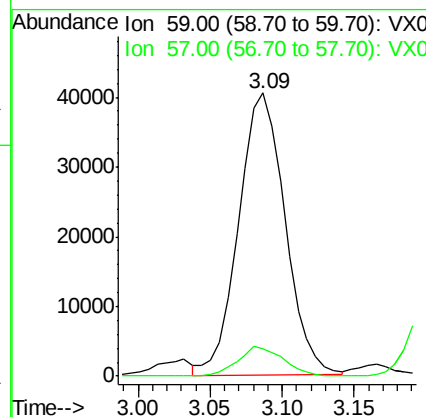
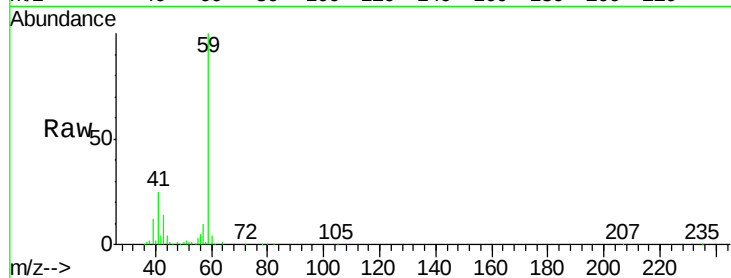
#11
Tert butyl alcohol
Concen: 132.90 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.01 min
Lab File: VX001750.D
Acq: 15 May 2018 17:22

Instrument :
MSVOA_X
ClientSampleId :
VX0515WBSD03

Tot Ion	59	Resp	90669
Ion Ratio	100	Lower	Upper
57	10.5	8.5	12.7

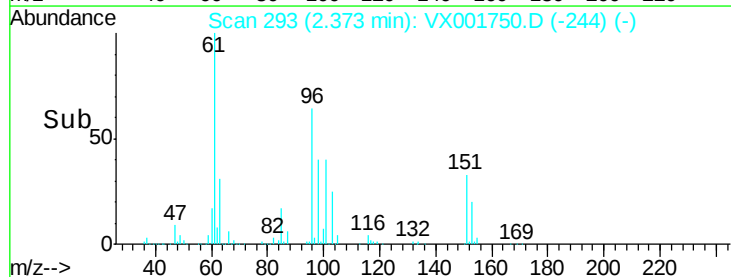
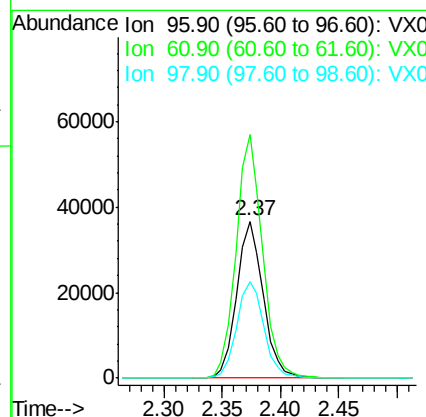
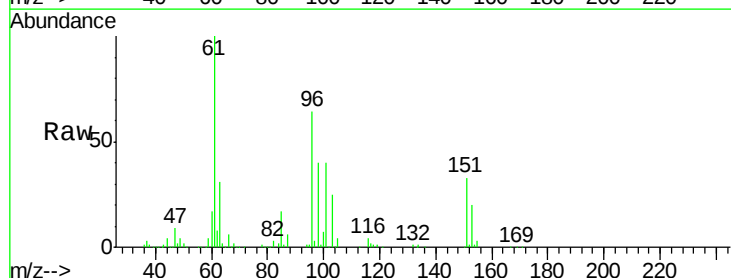
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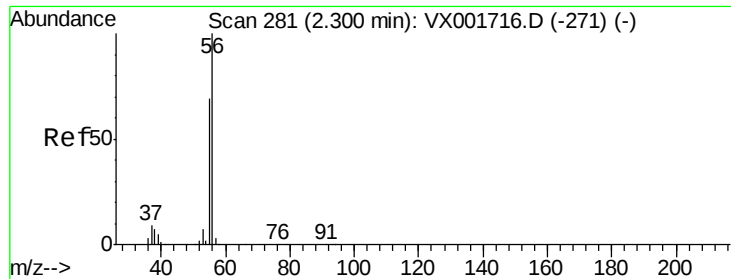
MMDadoda
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#12
1,1-Dichloroethene
Concen: 20.59 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX001750.D
Acq: 15 May 2018 17:22

Tgt Ion	96	Resp	58341
Ion Ratio	100	Lower	Upper
61	155.1	122.2	183.2
98	61.4	51.4	77.0





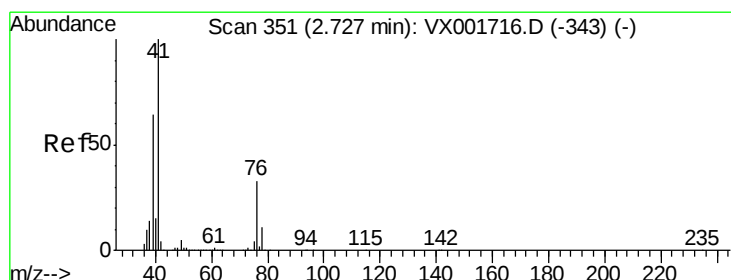
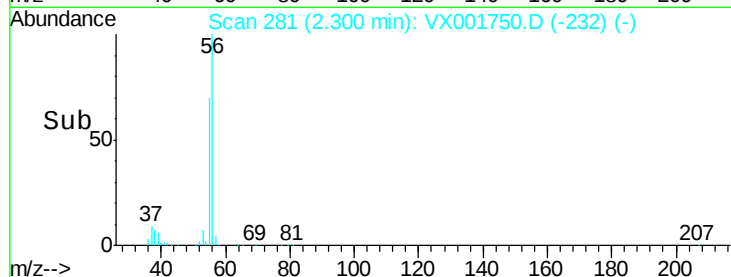
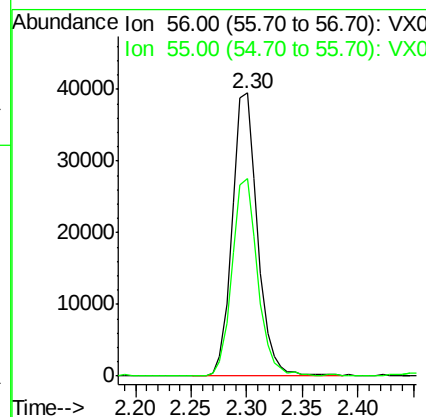
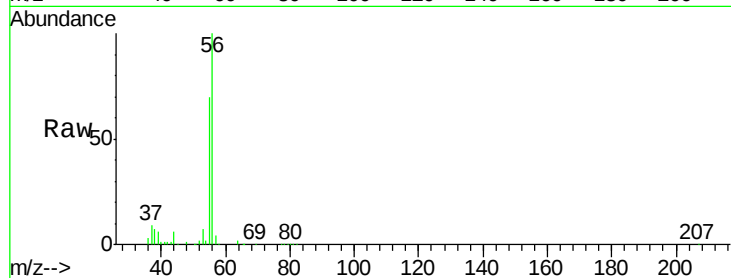
#13
Acrolein
Concen: 127.96 ug/l
RT: 2.30 min Scan# 281
Delta R.T. -0.00 min
Lab File: VX001750.D
Acq: 15 May 2018 17:22

Instrument :
MSVOA_X
ClientSampleId :
VX0515WBSD03

Tot Ion	56	Resp	61914
Ion Ratio	100	Lower	Upper
56	100		
55	70.2	56.2	84.2

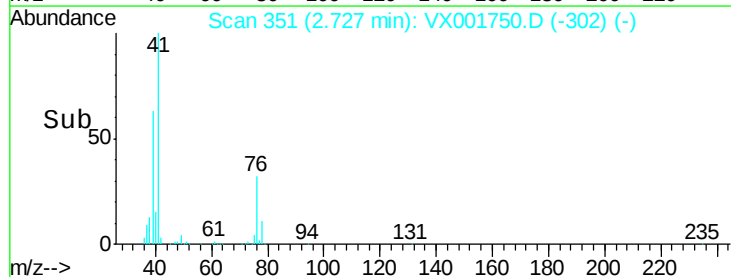
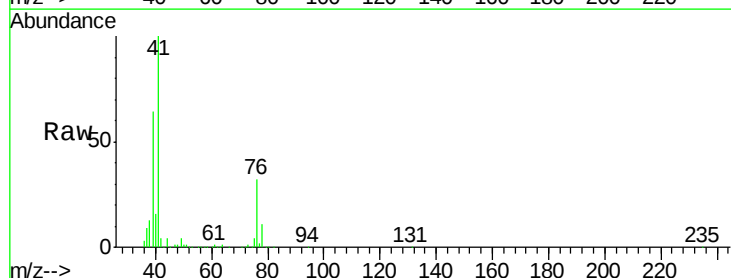
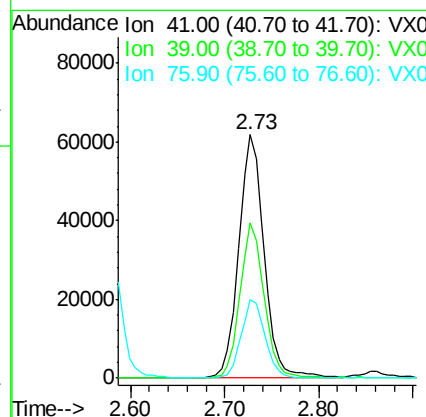
Manual Integrations
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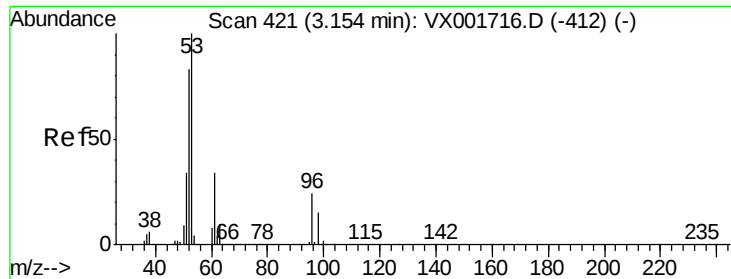
MMDadoda
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#14
Allyl chloride
Concen: 21.93 ug/l
RT: 2.73 min Scan# 351
Delta R.T. -0.00 min
Lab File: VX001750.D
Acq: 15 May 2018 17:22

Tgt Ion	41	Resp	114880
Ion Ratio	100	Lower	Upper
41	100		
39	60.3	49.8	74.6
76	30.7	25.8	38.8





#15

Acrylonitrile

Concen: 120.18 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX001750.D

Acq: 15 May 2018 17:22

Instrument :

MSVOA_X

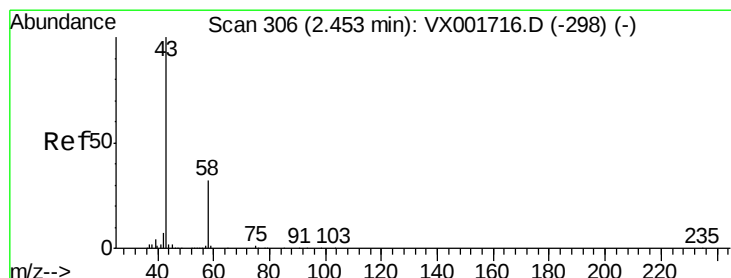
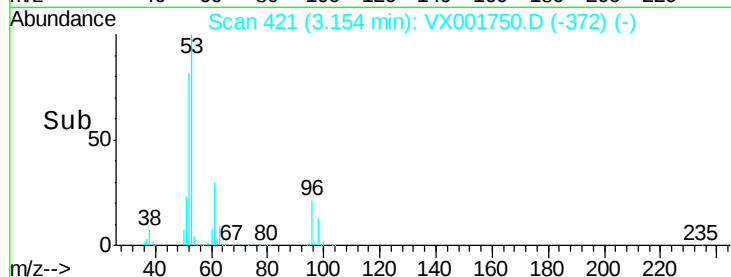
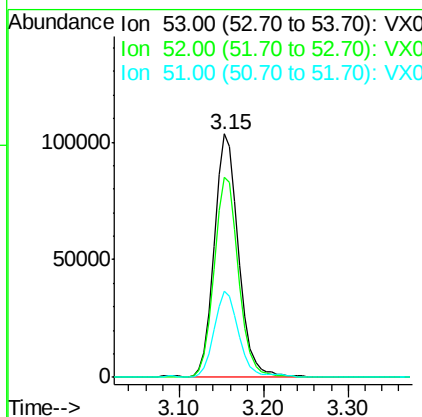
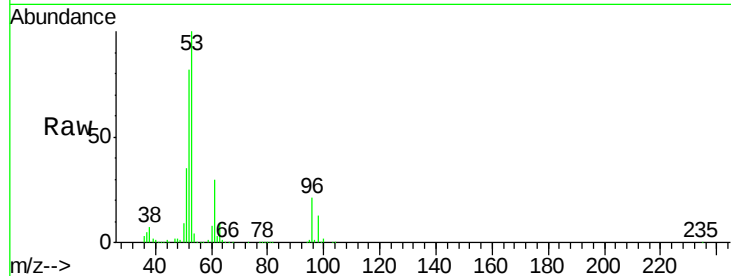
ClientSampleId :

VX0515WBSD03

Tot Ion:	53	Resp:	205941
Ion Ratio		Lower	Upper
53	100		
52	82.6	65.6	98.4
51	36.5	28.1	42.1

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#16

Acetone

Concen: 120.82 ug/l

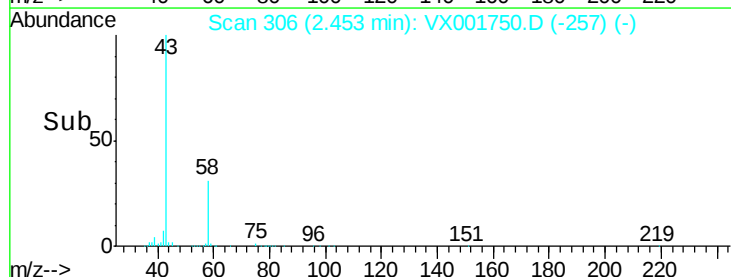
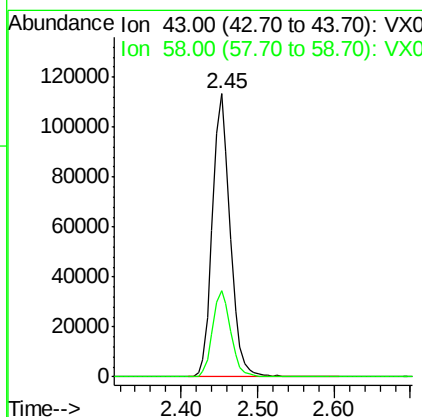
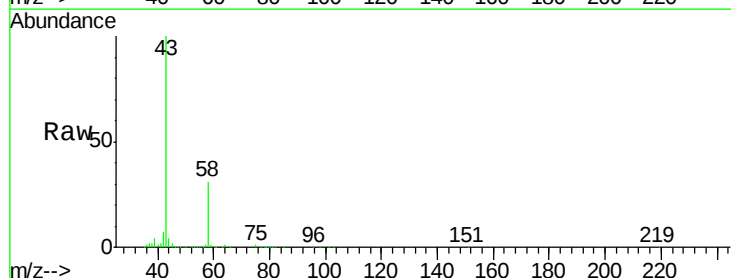
RT: 2.45 min Scan# 306

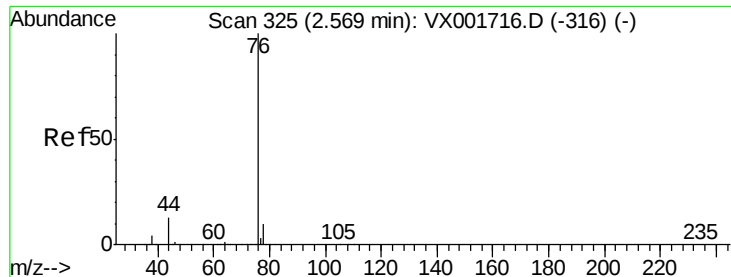
Delta R.T. -0.00 min

Lab File: VX001750.D

Acq: 15 May 2018 17:22

Tgt Ion:	43	Resp:	182358
Ion Ratio		Lower	Upper
43	100		
58	30.7	25.3	37.9





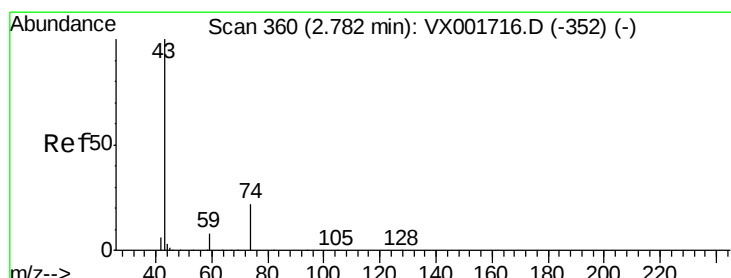
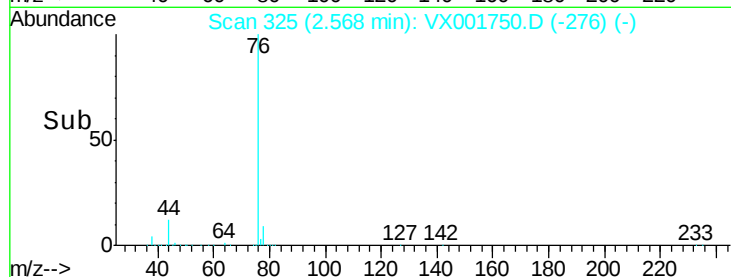
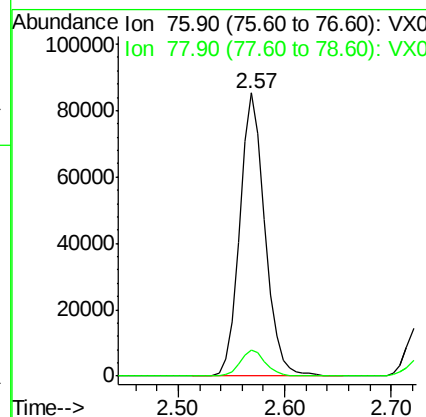
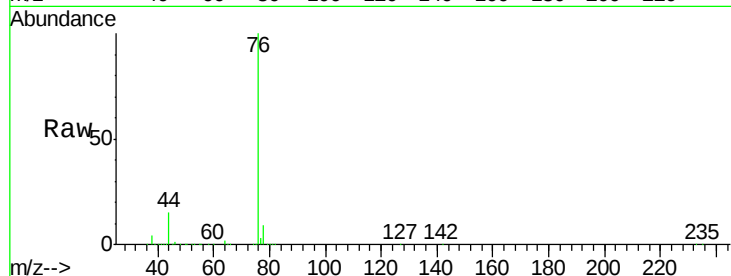
#17
Carbon Disulfide
Concen: 19.19 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX001750.D
Acq: 15 May 2018 17:22

Instrument :
MSVOA_X
ClientSampleId :
VX0515WBSD03

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.6	11.4

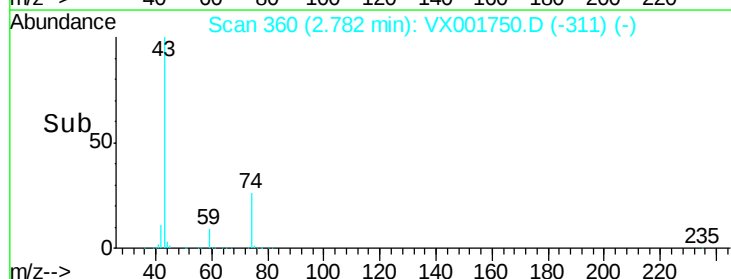
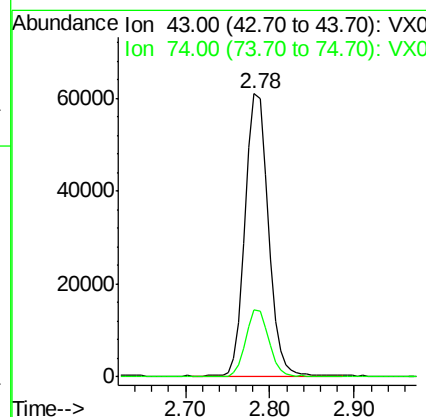
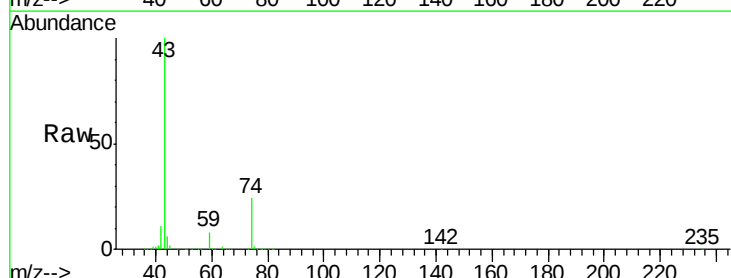
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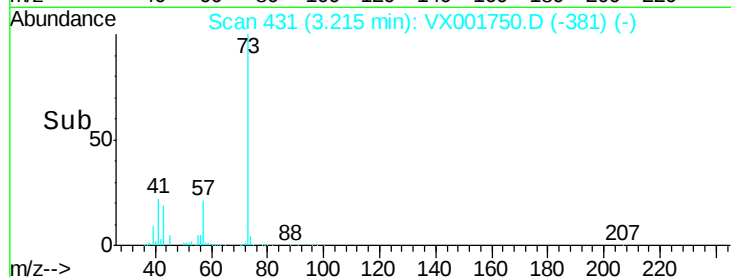
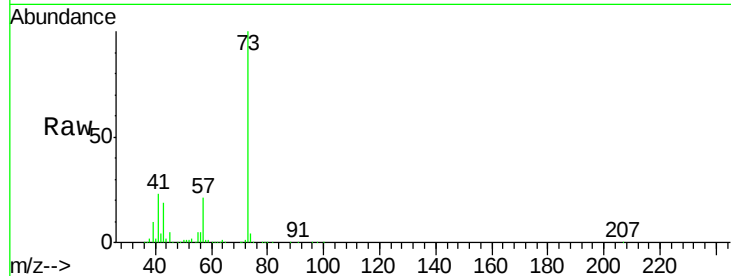
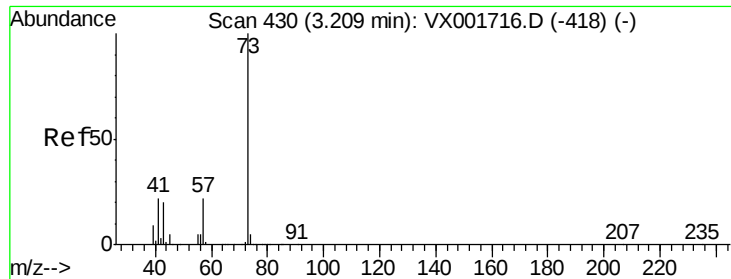
MMDadoda
5/16/2018 11:54:16 AM



#18
Methyl Acetate
Concen: 25.63 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX001750.D
Acq: 15 May 2018 17:22

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.0	18.2	27.2





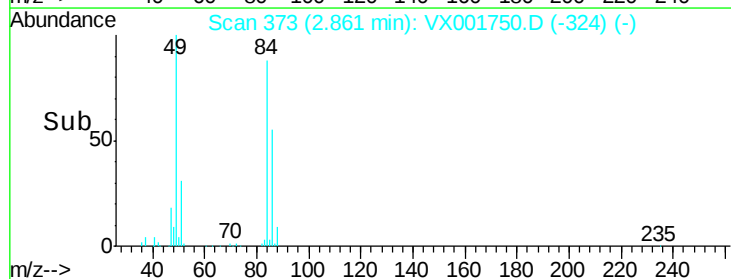
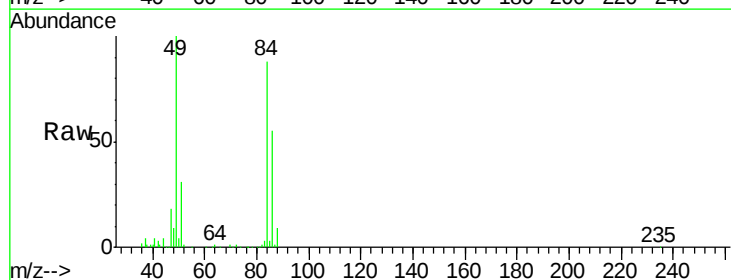
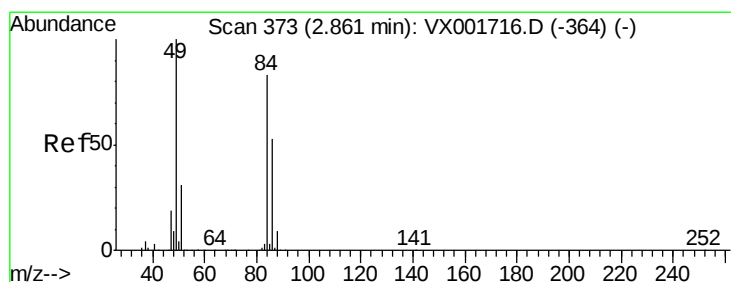
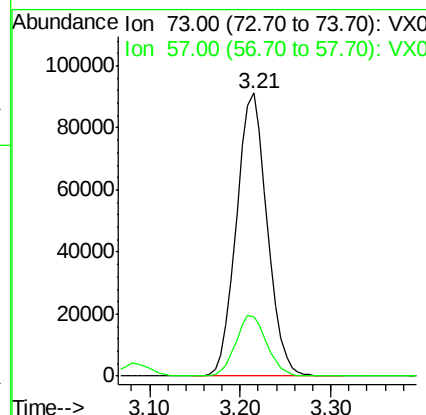
#19
Methvl tert-butvl Ether
Concen: 22.48 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.01 min
Lab File: VX001750.D
Acq: 15 May 2018 17:22

Tot Ion	73	57	Ratio	100	21.0	Resp	214653	Lower	17.5	Upper	26.3
Ion	73	57	Ratio	100	21.0	Resp	214653	Lower	17.5	Upper	26.3

Instrument :
MSVOA_X
ClientSampleId :
VX0515WBSD03

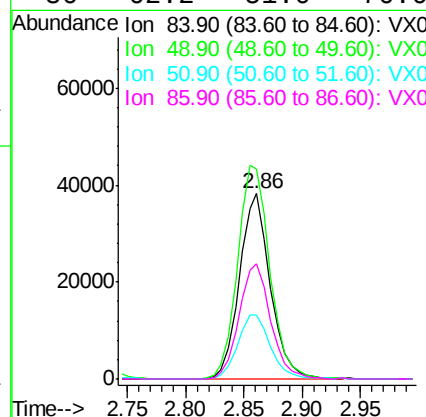
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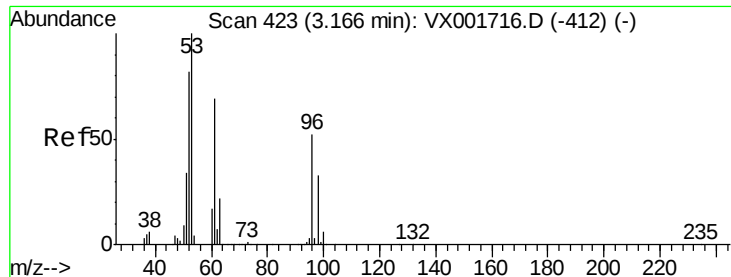
MMDadoda
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#20
Methylene Chloride
Concen: 21.75 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX001750.D
Acq: 15 May 2018 17:22

Tgt Ion	84	49	51	86	Ratio	100	113.6	34.7	62.2	Resp	70253	Lower	96.3	44.6	76.6
Ion	84	49	51	86	Ratio	100	113.6	34.7	62.2	Resp	70253	Lower	96.3	44.6	76.6





#21

trans-1,2-Dichloroethene

Concen: 20.66 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX001750.D

Acq: 15 May 2018 17:22

Instrument :

MSVOA_X

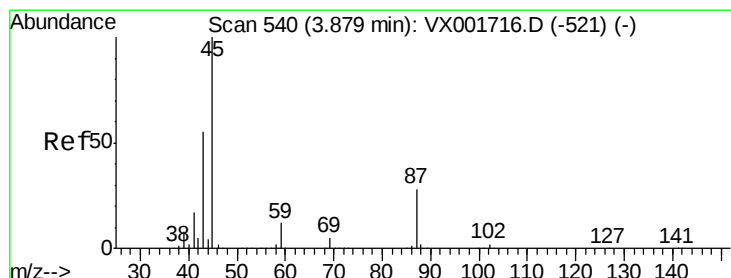
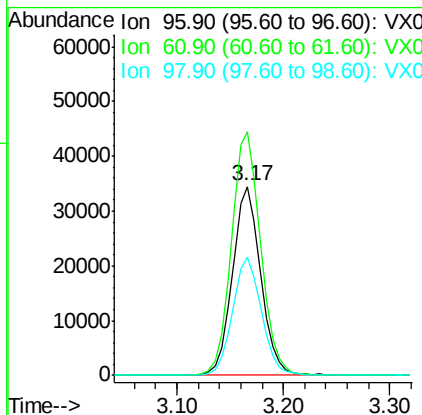
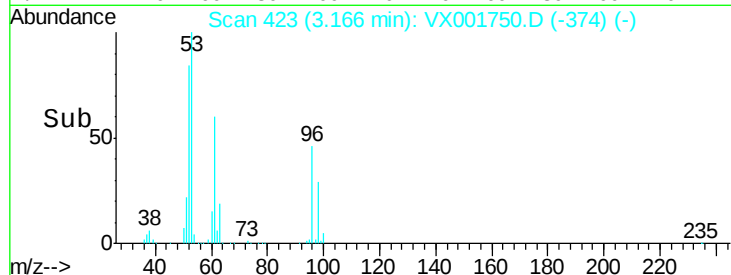
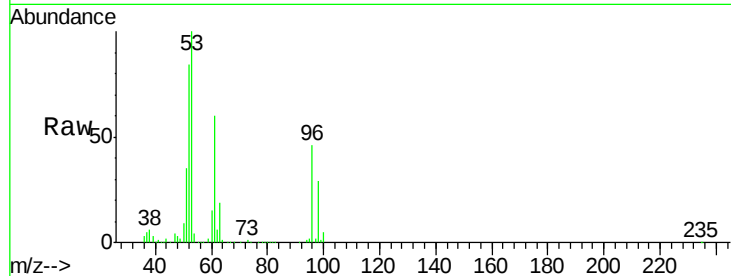
ClientSampleId :

VX0515WBSD03

Tot Ion:	96	Resp:	64480
Ion	Ratio	Lower	Upper
96	100		
61	128.7	105.8	158.8
98	62.8	50.2	75.4

Manual Integrations
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#22

Diisopropyl ether

Concen: 22.33 ug/l

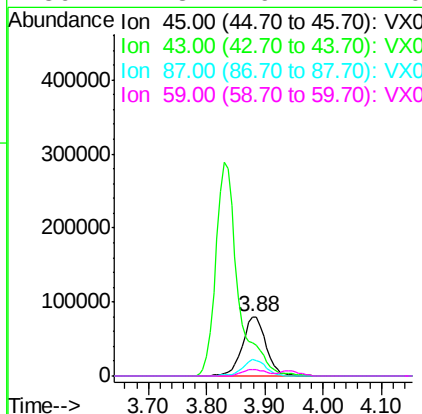
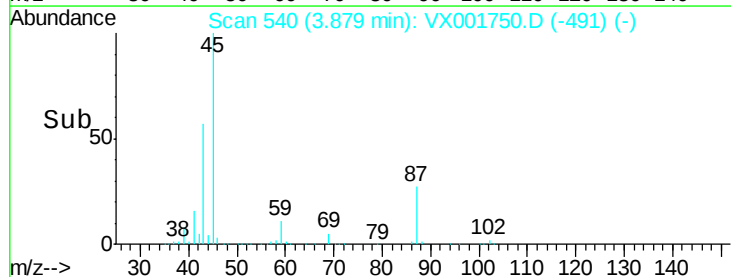
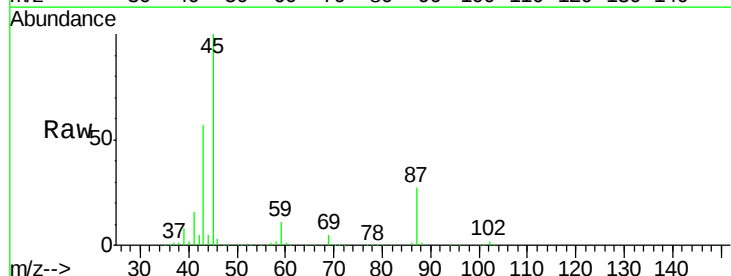
RT: 3.88 min Scan# 540

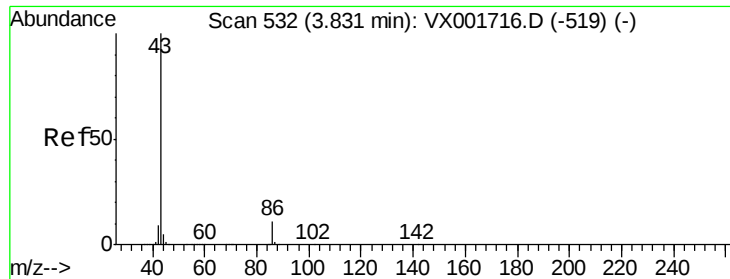
Delta R.T. -0.00 min

Lab File: VX001750.D

Acq: 15 May 2018 17:22

Tgt Ion:	45	Resp:	224313
Ion	Ratio	Lower	Upper
45	100		
43	56.6	44.3	66.5
87	27.1	22.6	33.8
59	11.3	9.4	14.0





#23

Vinyl Acetate

Concen: 105.88 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX001750.D

Acq: 15 May 2018 17:22

Tot Ion: 43 Resp: 766517

Ion Ratio Lower Upper

43 100

86 10.6 8.7 13.1

Instrument :

MSVOA_X

ClientSampleId :

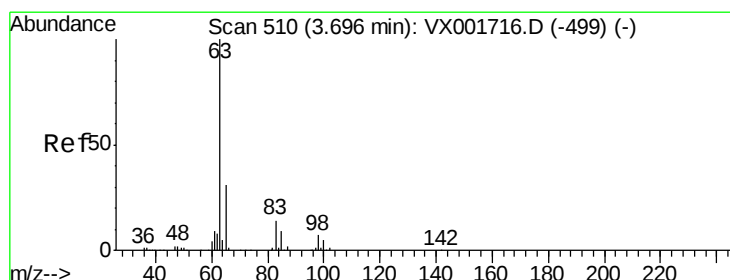
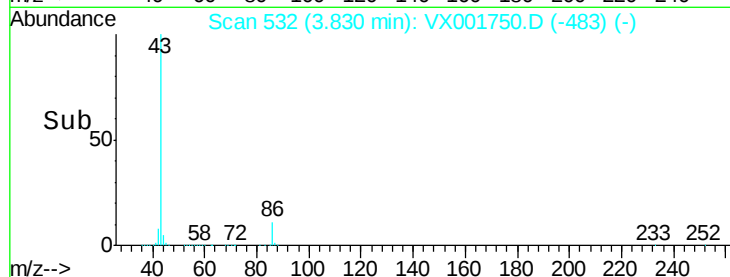
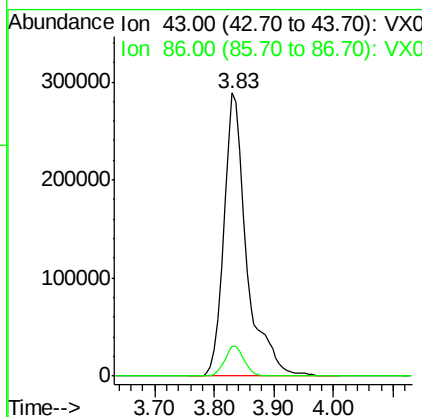
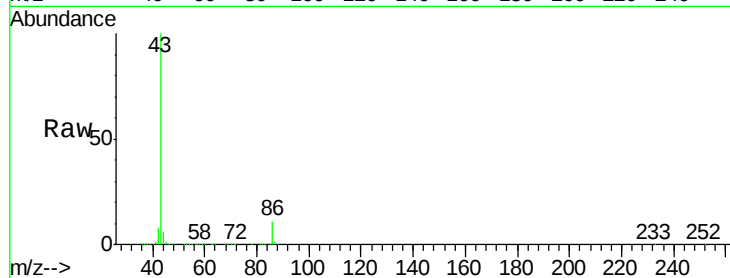
VX0515WBSD03

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#24

1,1-Dichloroethane

Concen: 22.11 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX001750.D

Acq: 15 May 2018 17:22

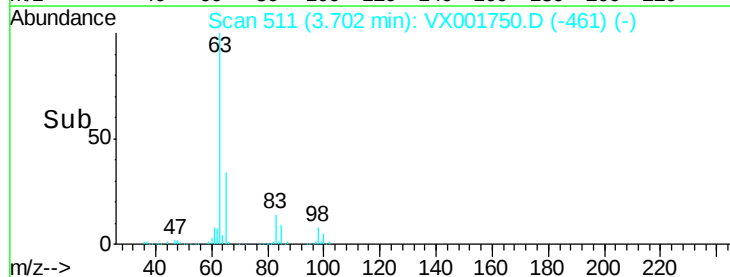
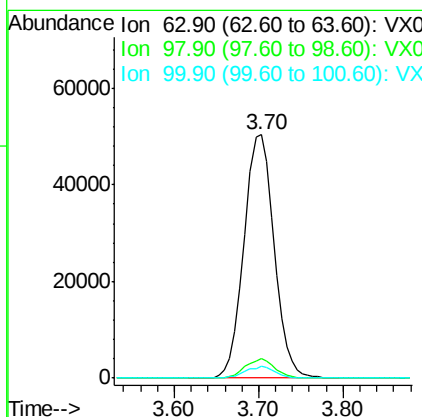
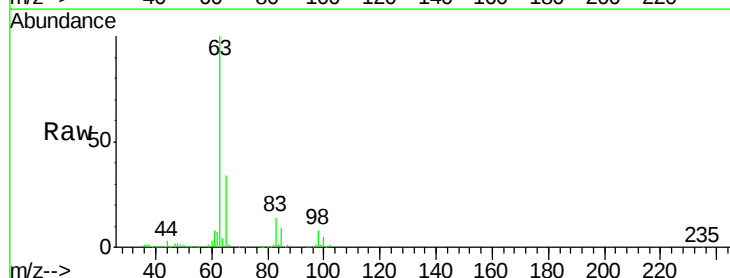
Tgt Ion: 63 Resp: 121858

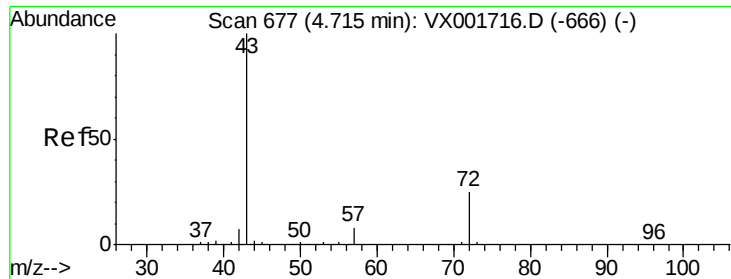
Ion Ratio Lower Upper

63 100

98 7.9 3.7 11.1

100 4.9 2.4 7.2





#25

2-Butanone

Concen: 124.22 ug/l

RT: 4.73 min Scan# 679

Delta R.T. 0.01 min

Lab File: VX001750.D

Acq: 15 May 2018 17:22

Instrument :

MSVOA_X

ClientSampleId :

VX0515WBSD03

Tot Ion: 43 Resp: 287040

Ion Ratio Lower Upper

43 100

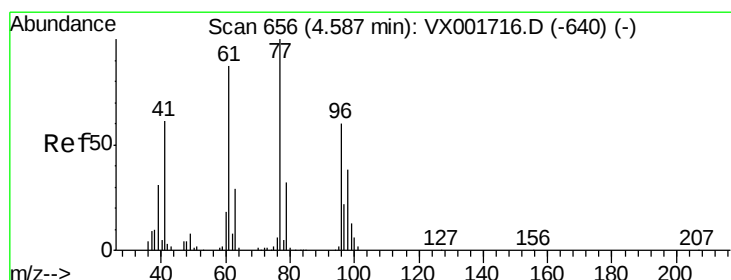
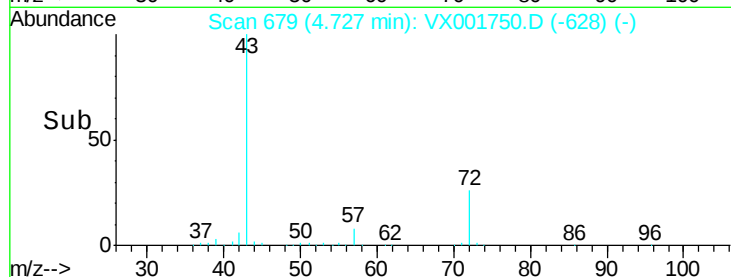
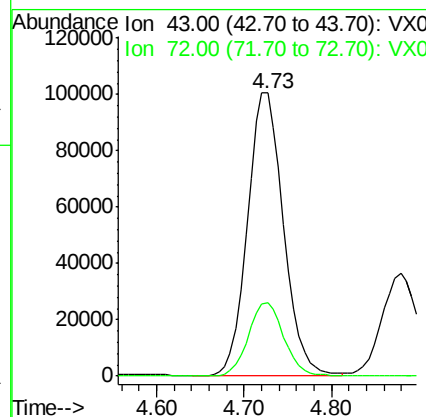
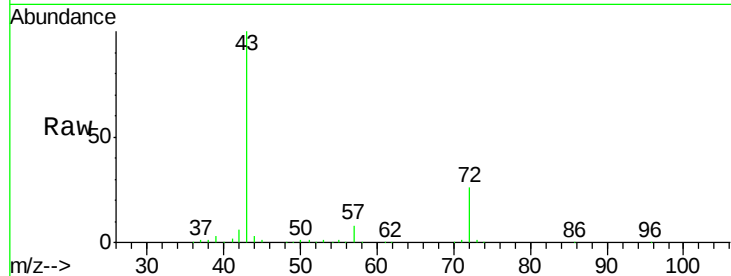
72 26.0 19.8 29.6

Manual Integrations

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5/16/2018 11:54:16 AM



#26

2,2-Dichloropropane

Concen: 17.36 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX001750.D

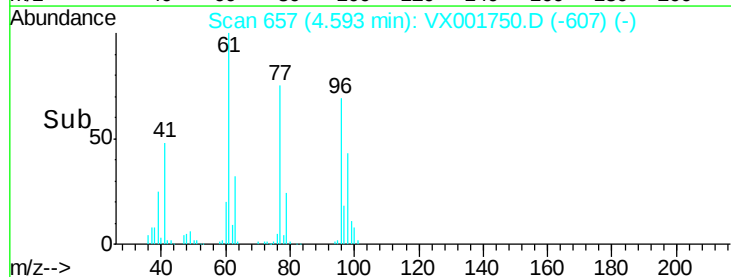
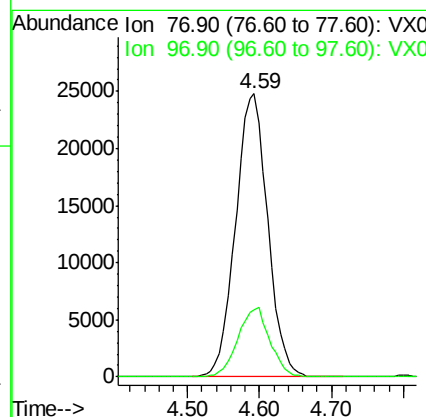
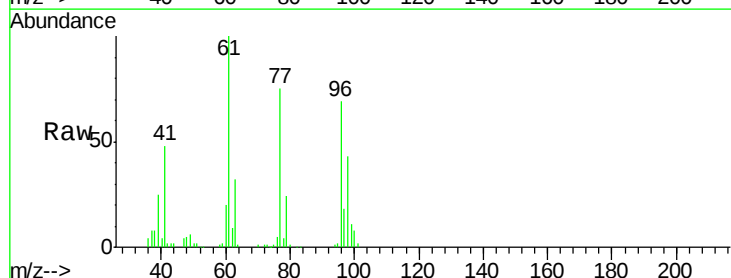
Acq: 15 May 2018 17:22

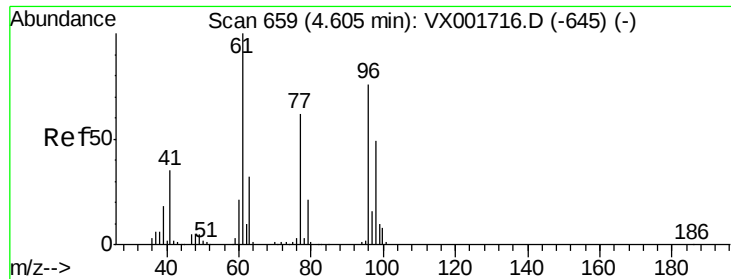
Tgt Ion: 77 Resp: 76996

Ion Ratio Lower Upper

77 100

97 24.2 11.6 34.8





#27

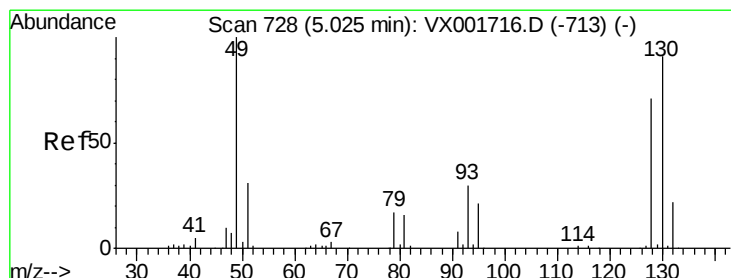
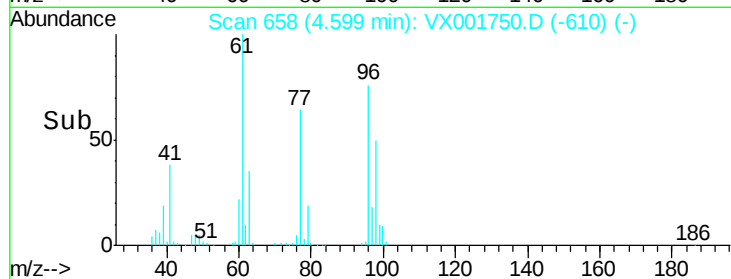
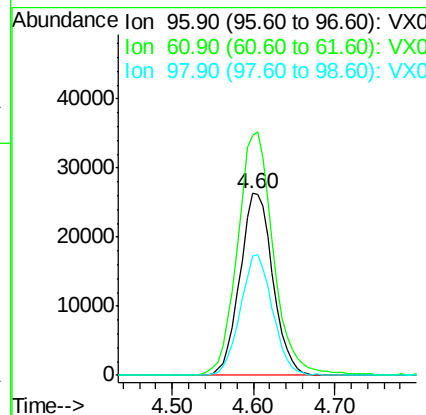
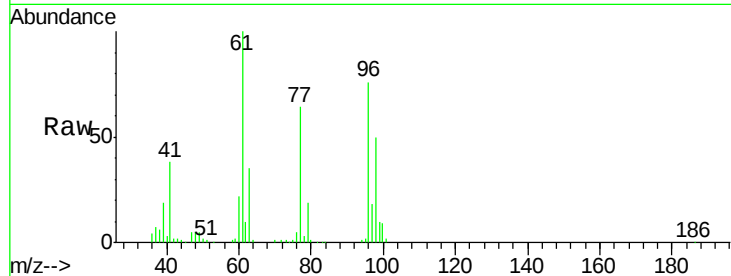
cis-1,2-Dichloroethene
Concen: 20.76 ug/l
RT: 4.60 min Scan# 658
Delta R.T. -0.01 min
Lab File: VX001750.D
Acq: 15 May 2018 17:22

Instrument :
MSVOA_X
ClientSampleId :
VX0515WBSD03

Tot Ion	Ratio	Lower	Upper
96	100		
61	145.1	0.0	280.4
98	64.8	0.0	128.4

Manual Integrations
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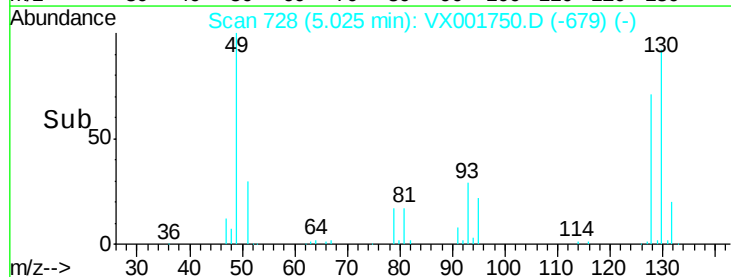
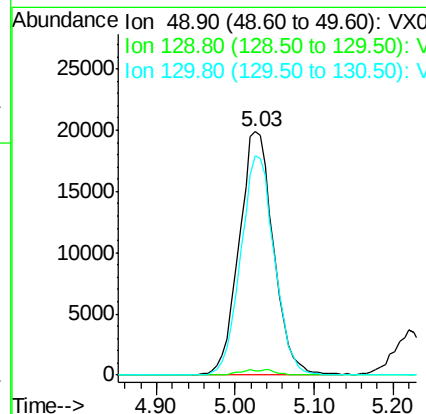
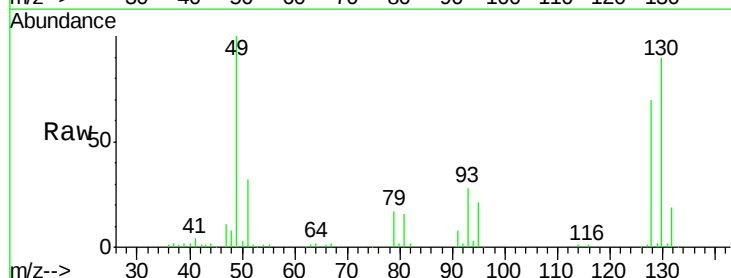
MMDadoda
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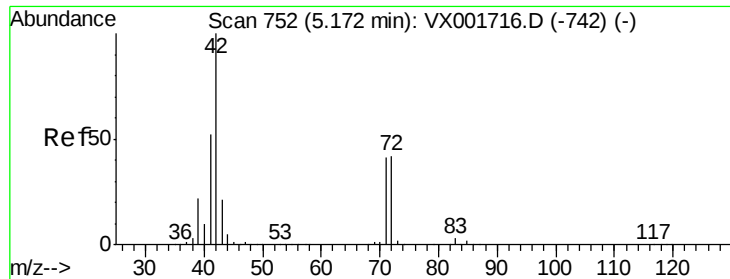


#28

Bromochloromethane
Concen: 24.62 ug/l
RT: 5.03 min Scan# 728
Delta R.T. -0.00 min
Lab File: VX001750.D
Acq: 15 May 2018 17:22

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.4	0.0	5.0
130	88.2	71.8	107.6





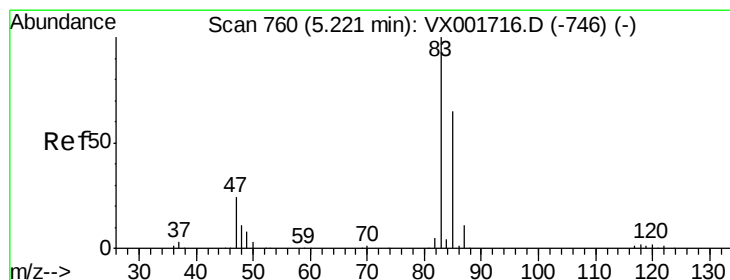
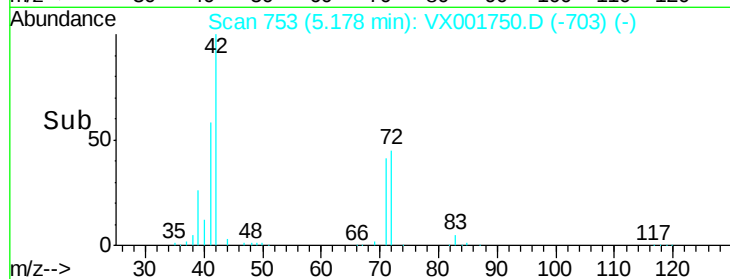
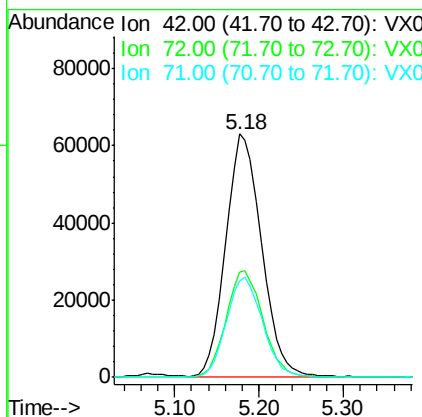
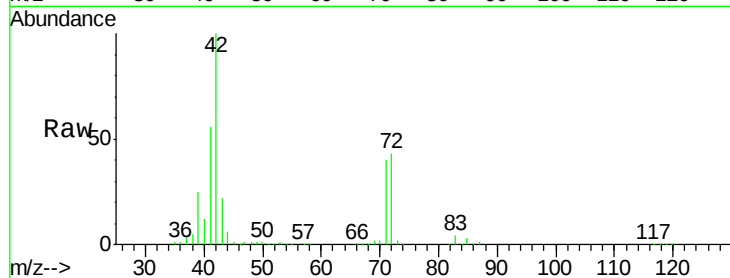
#29
Tetrahydrofuran
Concen: 120.68 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.01 min
Lab File: VX001750.D
Acq: 15 May 2018 17:22

Instrument :
MSVOA_X
ClientSampleId :
VX0515WBSD03

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.3	35.4	53.2
71	41.9	33.2	49.8

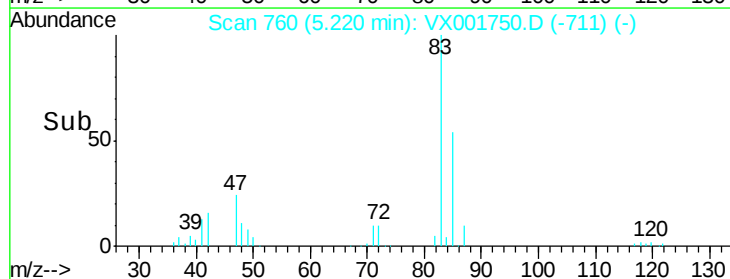
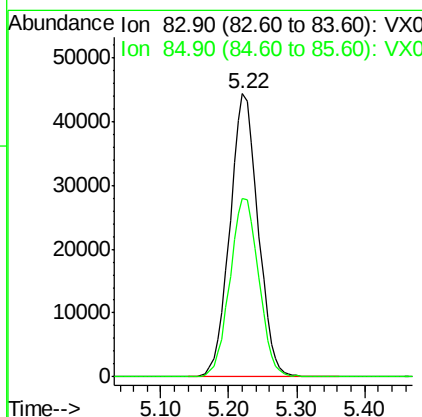
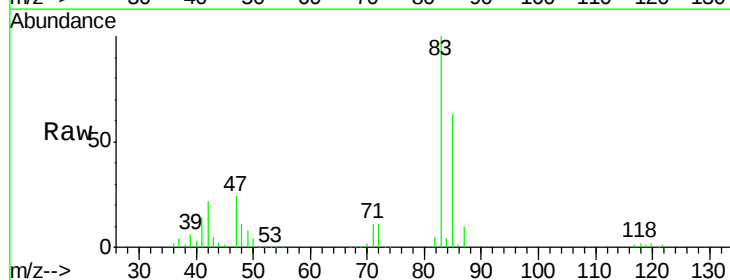
Manual Integrations
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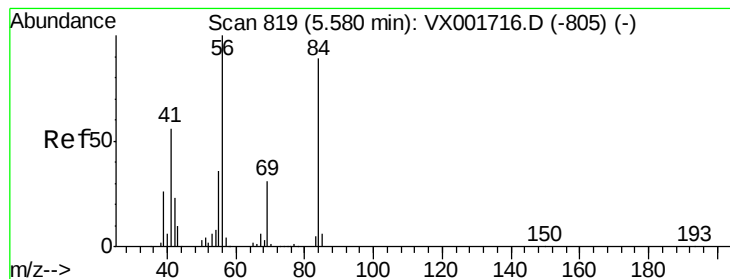
MMDadoda
5/16/2018 11:54:16 AM



#30
Chloroform
Concen: 22.00 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX001750.D
Acq: 15 May 2018 17:22

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.1	52.3	78.5





#31

Cyclohexane

Concen: 18.43 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX001750.D

Acq: 15 May 2018 17:22

Instrument :

MSVOA_X

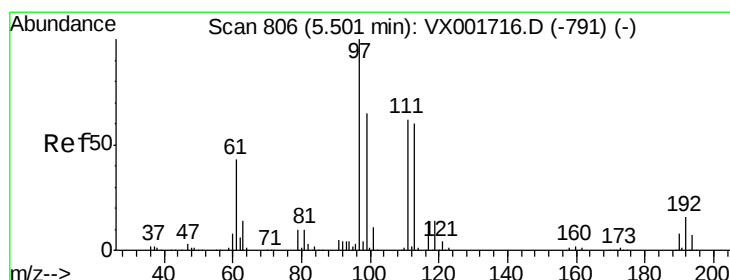
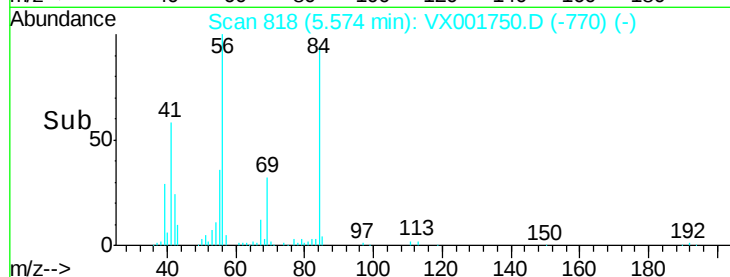
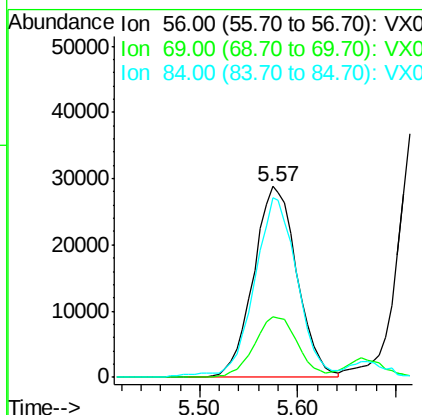
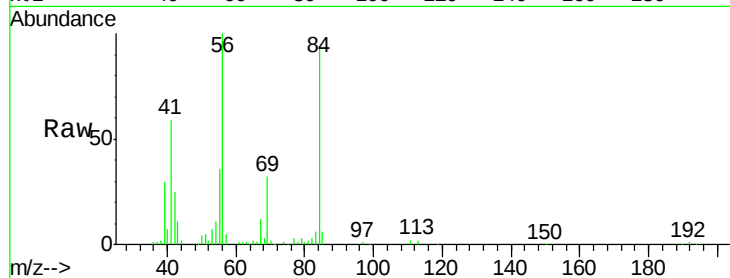
ClientSampleId :

VX0515WBSD03

Tot Ion:	56	Resp:	89015
Ion	Ratio	Lower	Upper
56	100		
69	32.0	25.0	37.6
84	92.6	71.0	106.4

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 21.49 ug/l

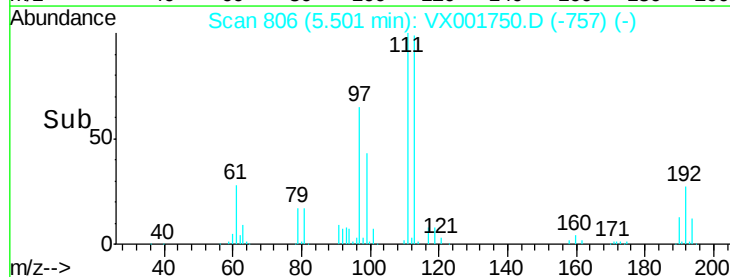
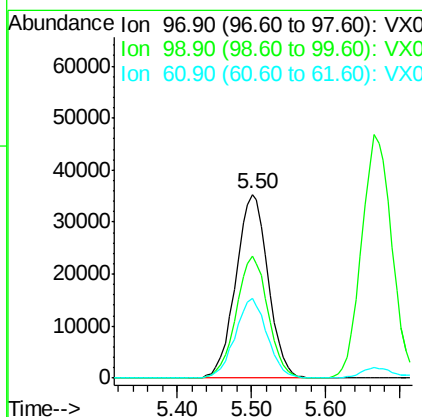
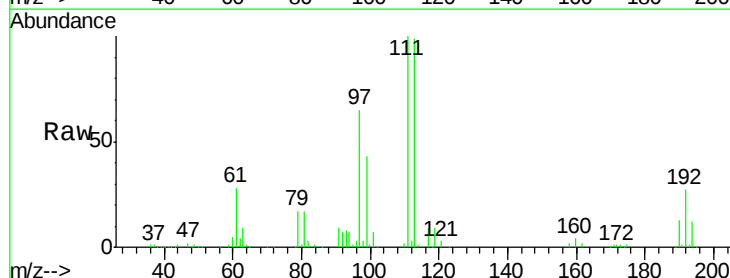
RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX001750.D

Acq: 15 May 2018 17:22

Tgt Ion:	97	Resp:	107505
Ion	Ratio	Lower	Upper
97	100		
99	65.2	51.3	76.9
61	43.2	34.0	51.0





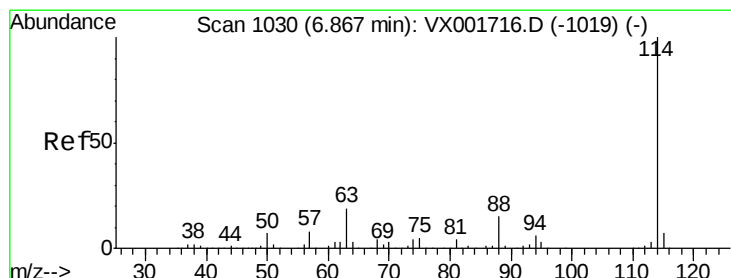
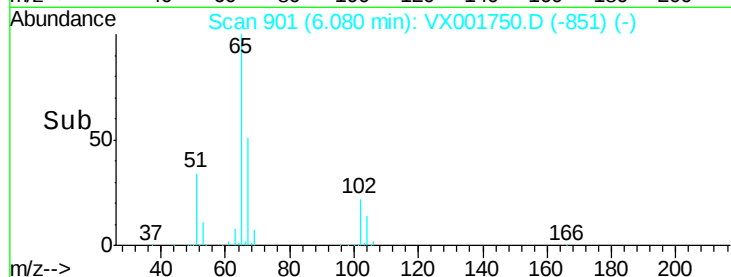
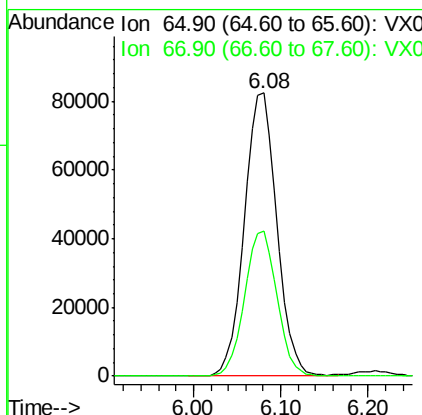
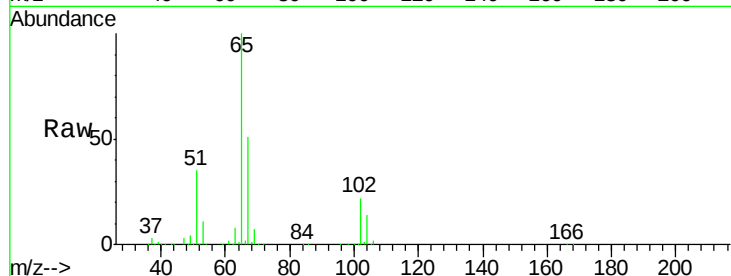
#33
 1,2-Dichloroethane-d4
 Concen: 55.28 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: VX001750.D
 Acq: 15 May 2018 17:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0515WBSD03

Tot Ion	Ratio	Resp	Lower	Upper
65	100	212420		
67	51.2	0.0	102.8	

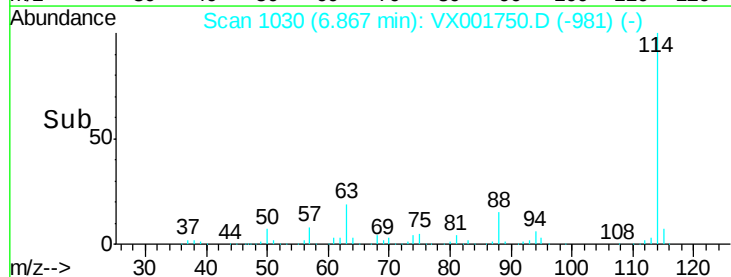
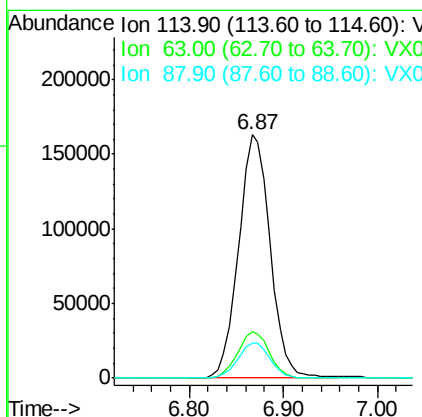
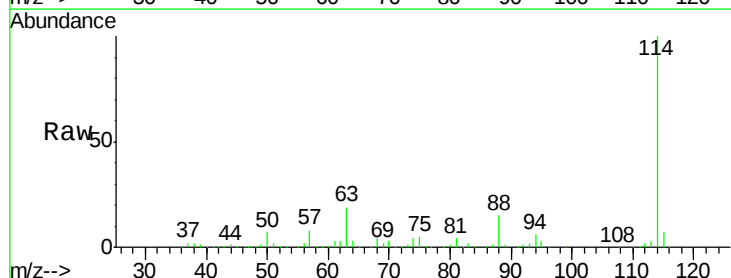
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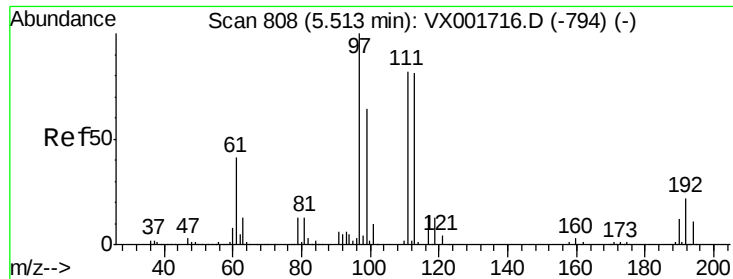
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX001750.D
 Acq: 15 May 2018 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	382494		
63	19.2	0.0	37.0	
88	14.5	0.0	29.8	





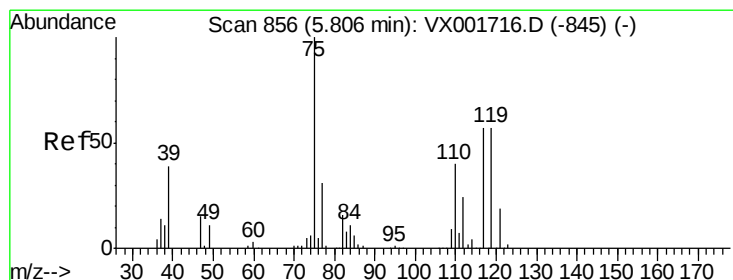
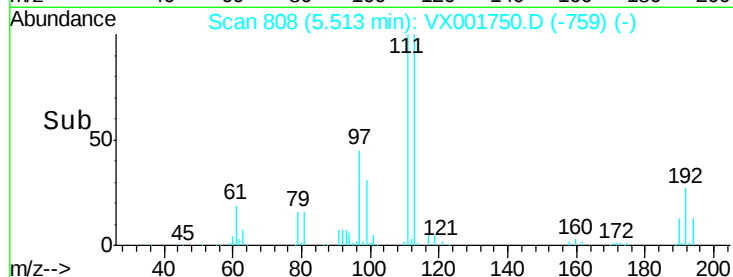
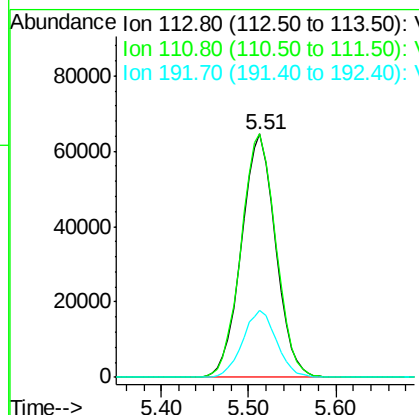
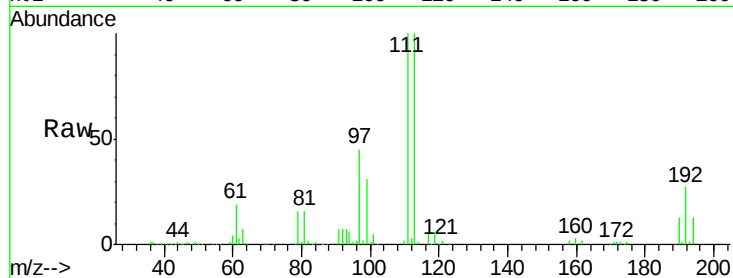
#35
 Dibromofluoromethane
 Concen: 54.42 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX001750.D
 Acq: 15 May 2018 17:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0515WBSD03

Tot Ion	Ratio	Resp	Lower	Upper
113	100	175658		
111	102.0	82.0	123.0	
192	27.2	21.6	32.4	

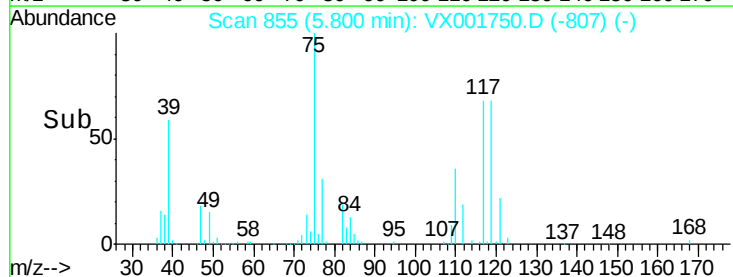
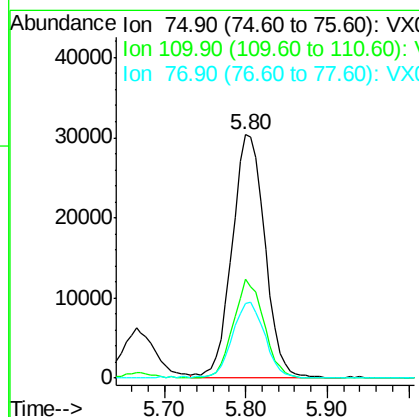
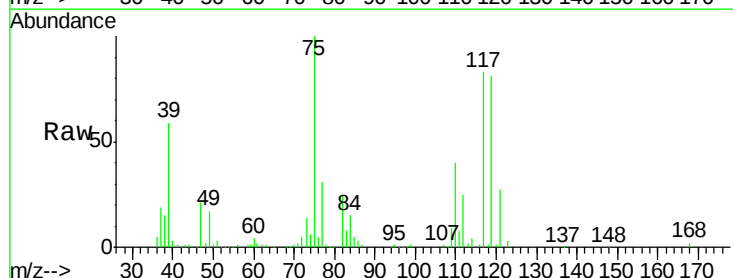
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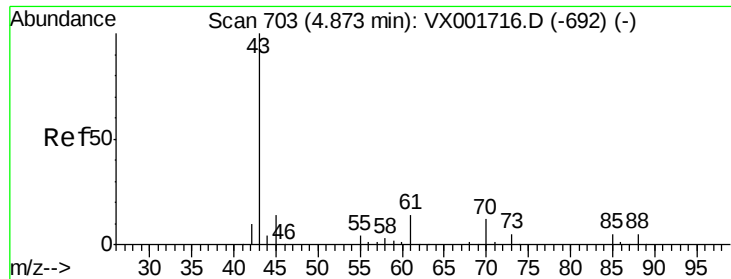
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#36
 1,1-Dichloropropene
 Concen: 19.00 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.01 min
 Lab File: VX001750.D
 Acq: 15 May 2018 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	83678		
110	38.3	19.1	57.1	
77	31.1	24.6	37.0	





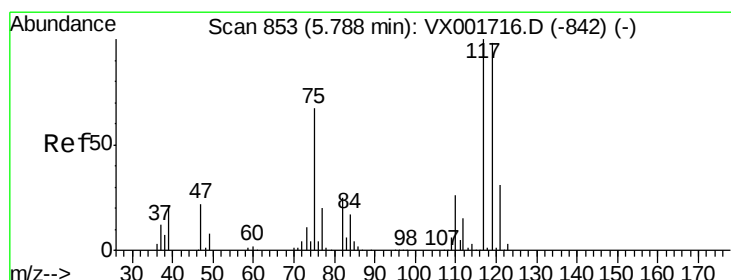
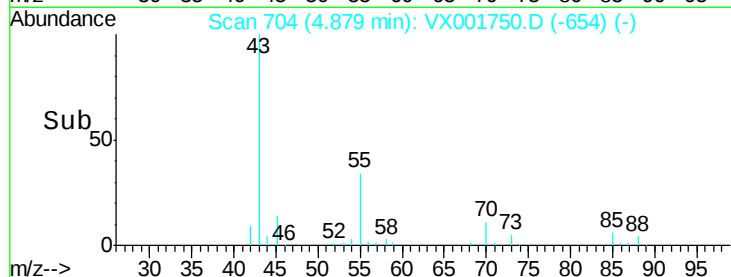
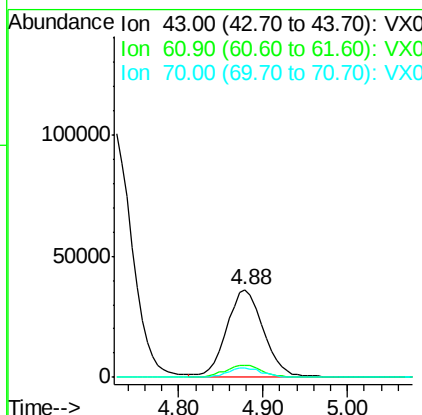
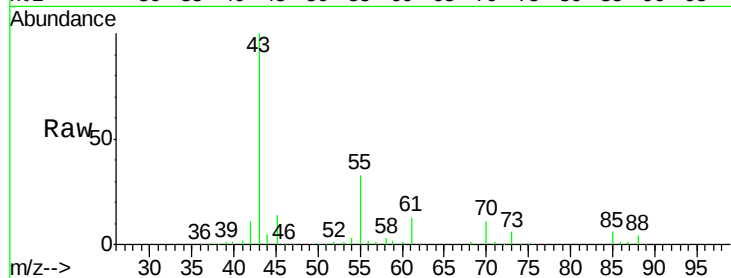
#37
Ethyl Acetate
Concen: 23.23 ug/l
RT: 4.88 min Scan# 704
Delta R.T. 0.01 min
Lab File: VX001750.D
Acq: 15 May 2018 17:22

Instrument :
MSVOA_X
ClientSampleId :
VX0515WBSD03

Tot Ion:	43	Resp:	106581
Ion	Ratio	Lower	Upper
43	100		
61	13.7	10.9	16.3
70	10.6	8.8	13.2

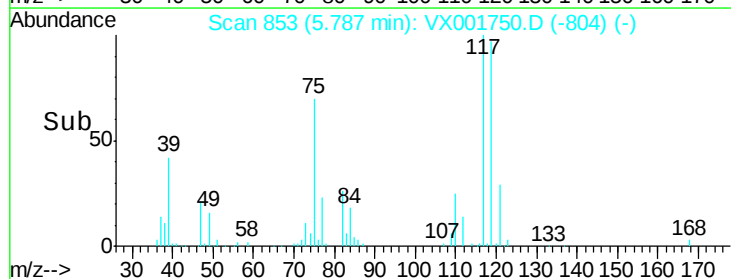
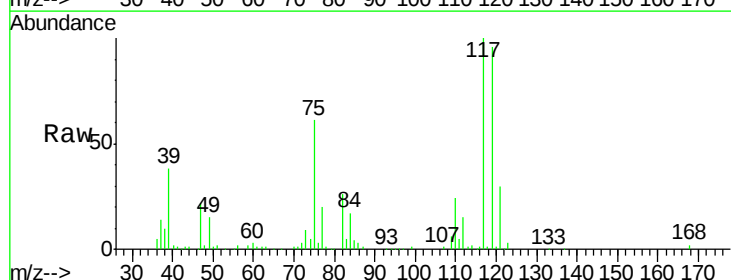
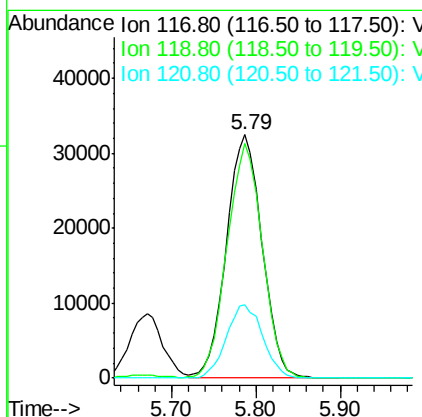
Manual Integrations
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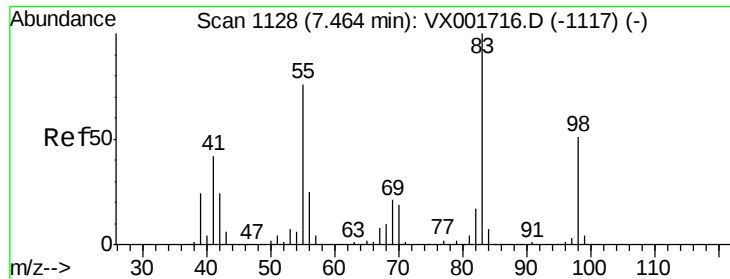
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#38
Carbon Tetrachloride
Concen: 20.25 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX001750.D
Acq: 15 May 2018 17:22

Tgt Ion:	117	Resp:	93411
Ion	Ratio	Lower	Upper
117	100		
119	96.5	77.6	116.4
121	29.9	24.6	36.8





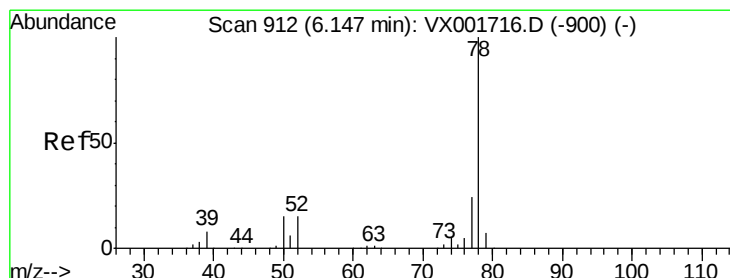
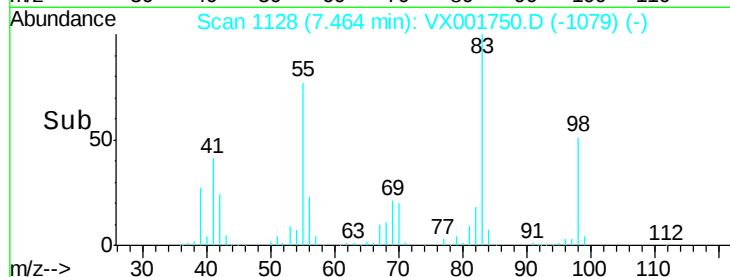
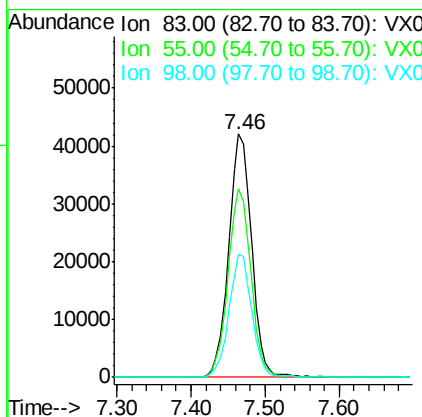
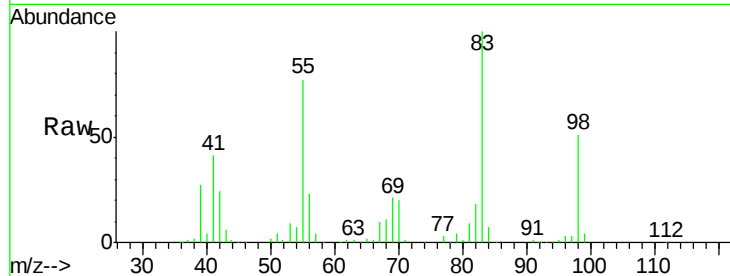
#39
Methvlcvclohexane
Concen: 17.69 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX001750.D
Acq: 15 May 2018 17:22

Instrument :
MSVOA_X
ClientSampleId :
VX0515WBSD03

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.3	60.6	90.8
98	50.7	40.4	60.6

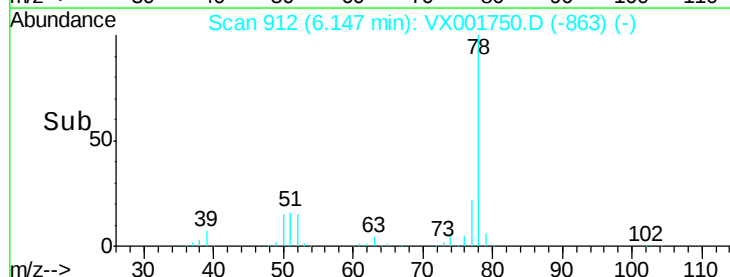
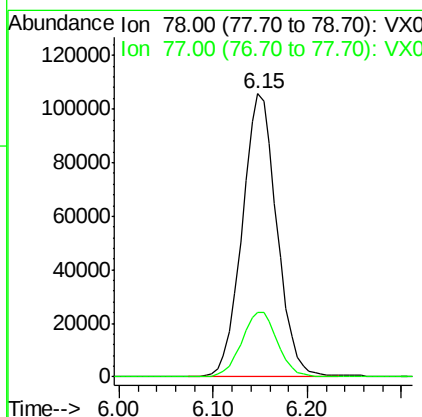
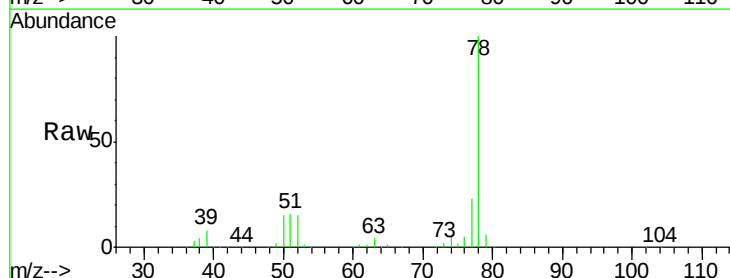
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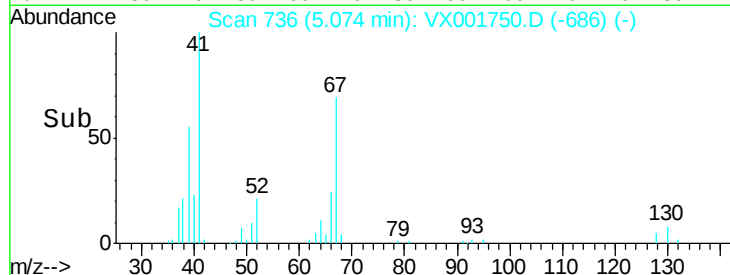
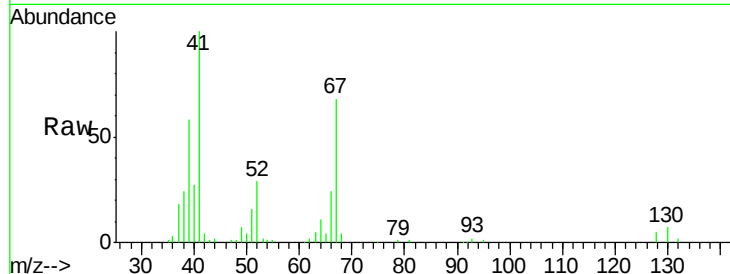
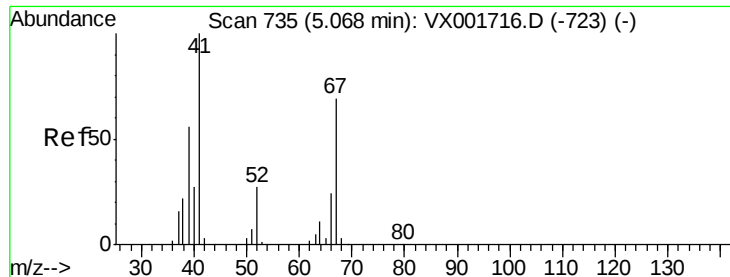
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#40
Benzene
Concen: 21.02 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX001750.D
Acq: 15 May 2018 17:22

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.9	19.0	28.4





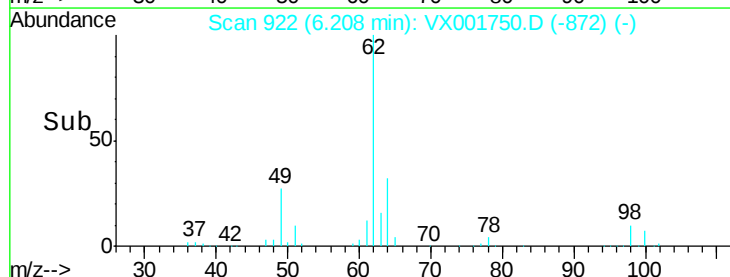
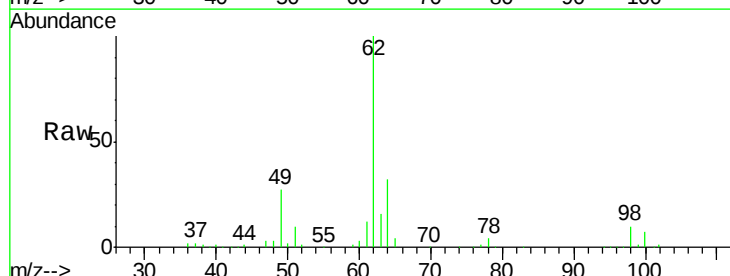
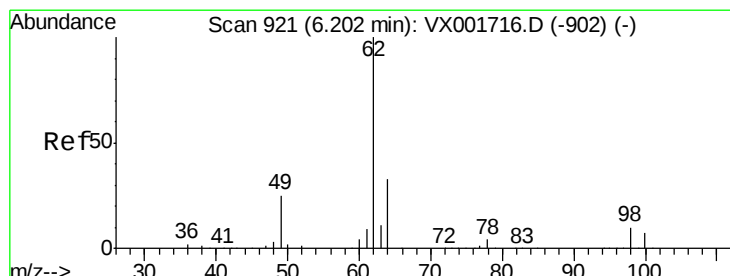
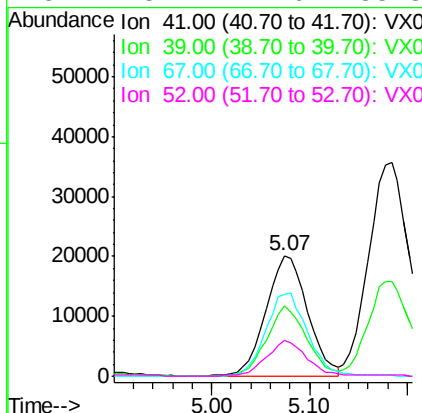
#41
Methacrylonitrile
Concen: 22.17 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.01 min
Lab File: VX001750.D
Acq: 15 May 2018 17:22

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		58830		
39	57.0	44.2	66.4		
67	70.6	56.0	84.0		
52	28.7	22.6	33.8		

Instrument :
MSVOA_X
ClientSampleId :
VX0515WBSD03

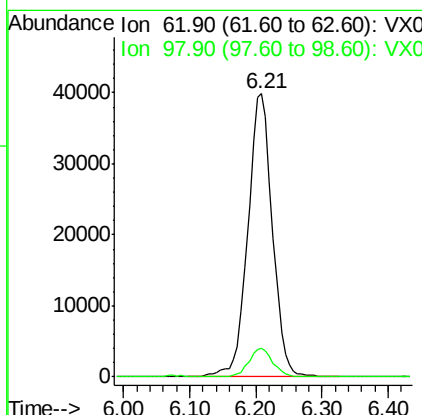
Manual Integrations
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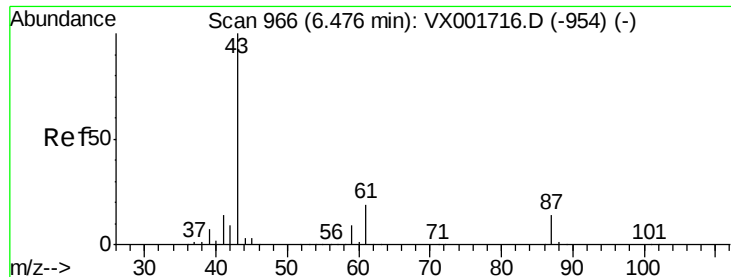
MMDadoda
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#42
1,2-Dichloroethane
Concen: 22.05 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.01 min
Lab File: VX001750.D
Acq: 15 May 2018 17:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		103459		
98	9.7	0.0	20.0		





#43

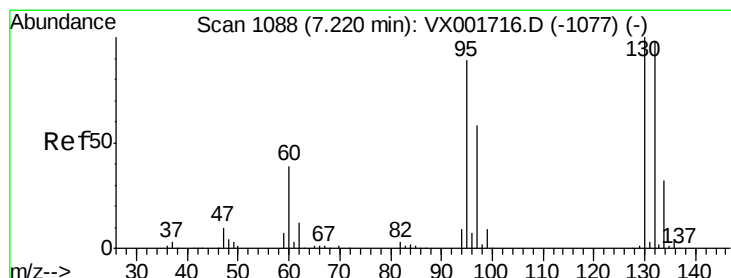
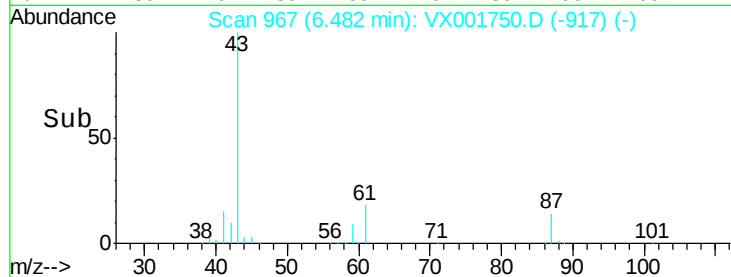
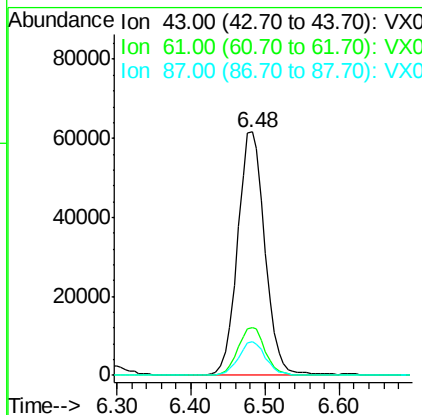
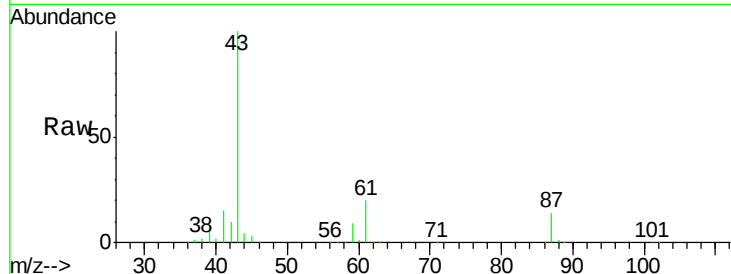
Isopropyl Acetate
 Concen: 21.96 ug/l
 RT: 6.48 min Scan# 967
 Delta R.T. 0.01 min
 Lab File: VX001750.D
 Acq: 15 May 2018 17:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0515WBSD03

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.7	15.8	23.8
87	13.8	11.0	16.4

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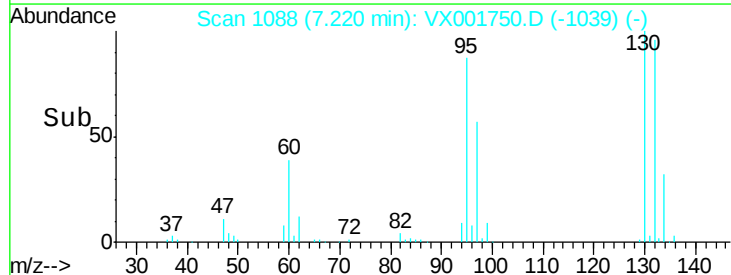
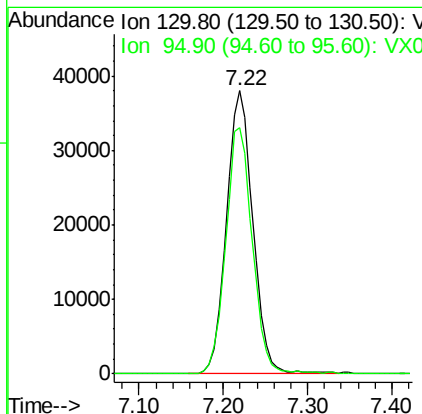
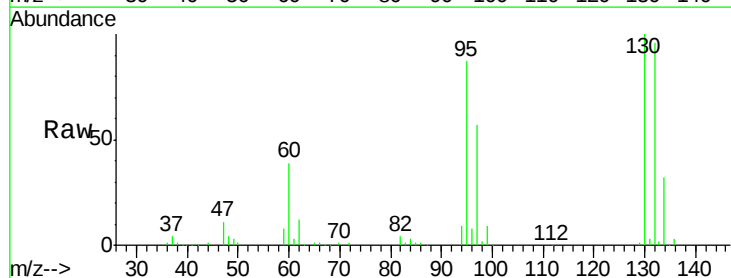
MMDadoda
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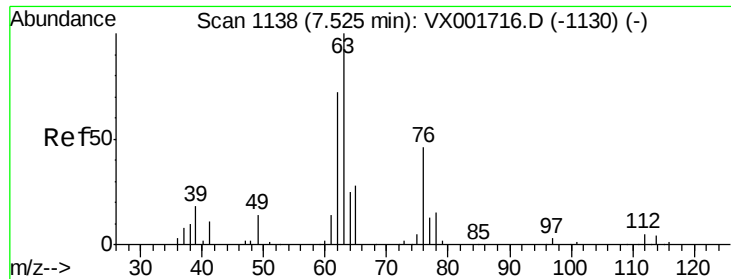


#44

Trichloroethene
 Concen: 20.14 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX001750.D
 Acq: 15 May 2018 17:22

Tgt Ion	Ratio	Lower	Upper
130	100		
95	87.1	0.0	177.2





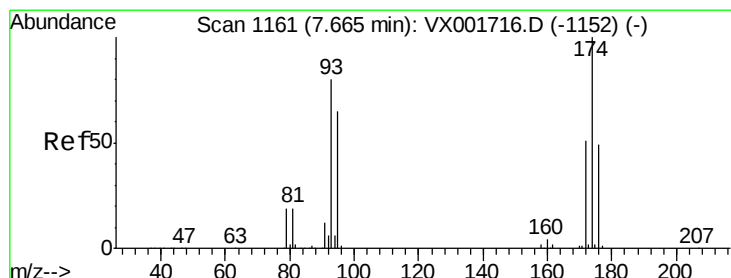
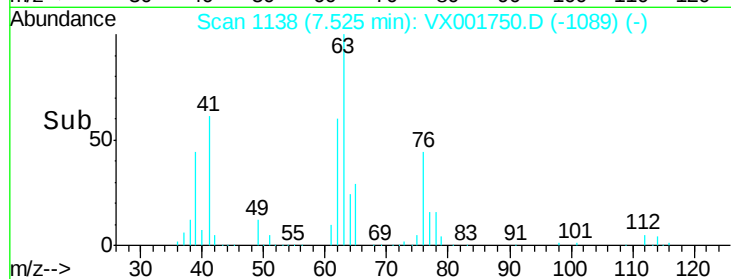
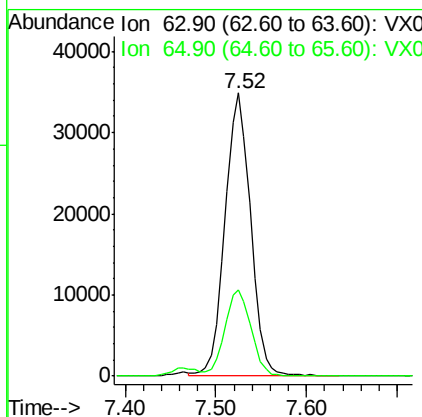
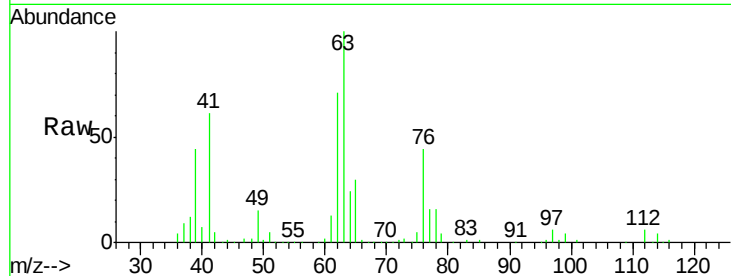
#45
 1,2-Dichloropropane
 Concen: 21.58 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX001750.D
 Acq: 15 May 2018 17:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0515WBSD03

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.3	24.2	36.2

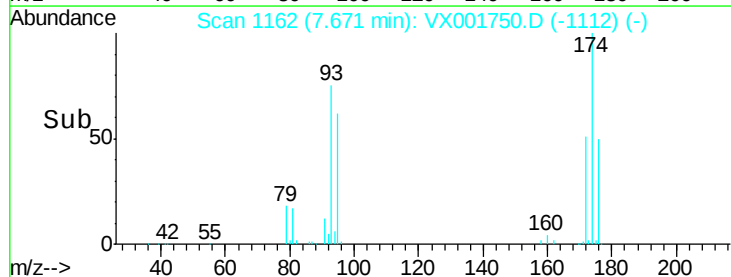
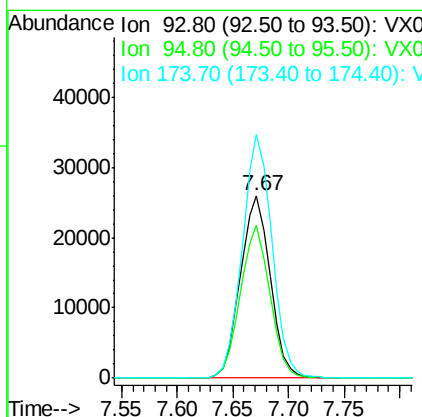
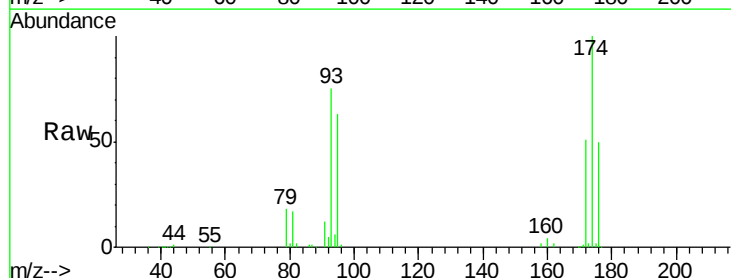
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#46
 Dibromomethane
 Concen: 21.65 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. 0.01 min
 Lab File: VX001750.D
 Acq: 15 May 2018 17:22

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.1	65.9	98.9
174	133.5	106.2	159.2





#47

Bromodichloromethane

Concen: 21.58 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.01 min

Lab File: VX001750.D

Acq: 15 May 2018 17:22

Instrument :

MSVOA_X

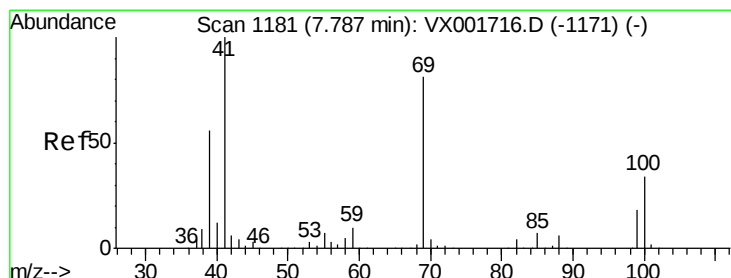
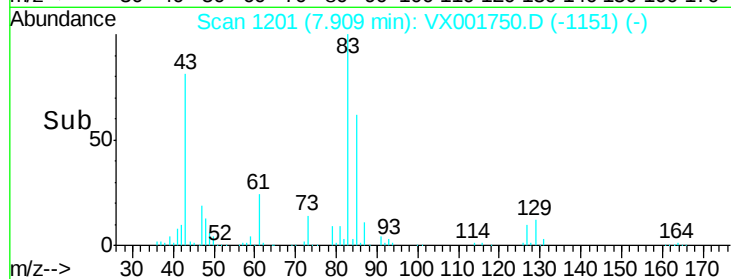
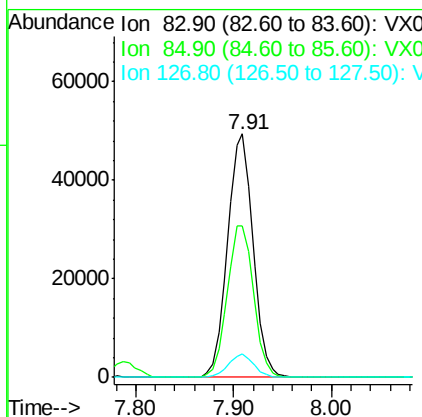
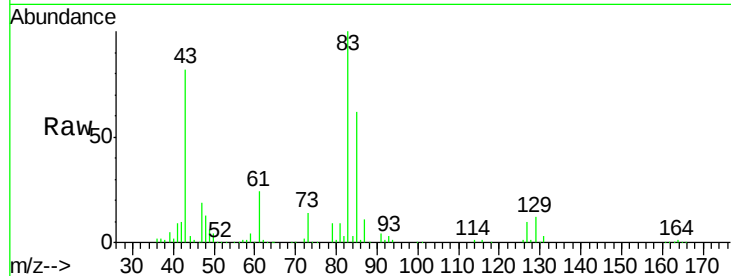
ClientSampleId :

VX0515WBSD03

Tot Ion:	83	Resp:	89491
Ion	Ratio	Lower	Upper
83	100		
85	62.2	49.6	74.4
127	9.9	7.5	11.3

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#48

Methyl methacrylate

Concen: 22.27 ug/l

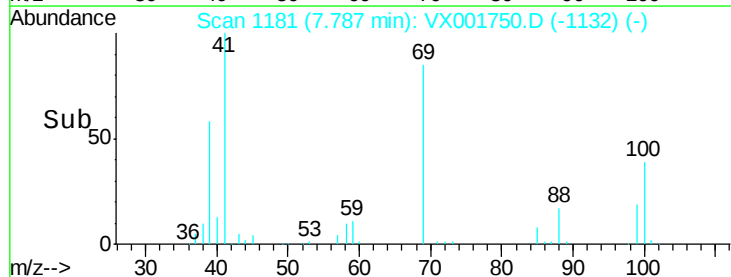
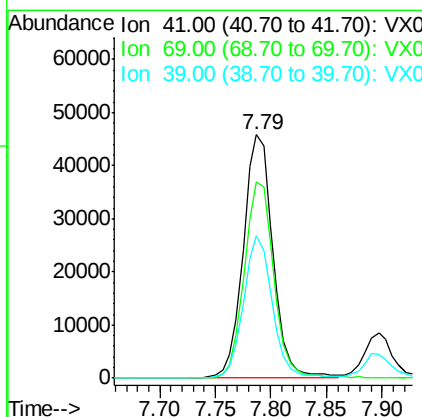
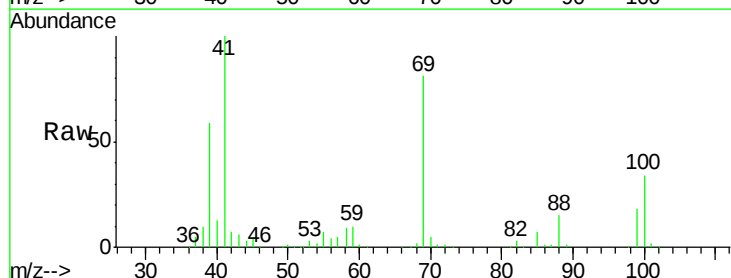
RT: 7.79 min Scan# 1181

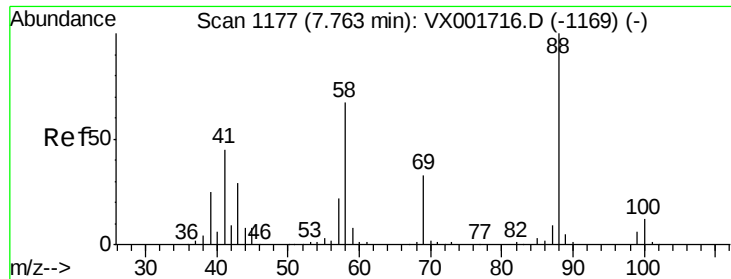
Delta R.T. -0.00 min

Lab File: VX001750.D

Acq: 15 May 2018 17:22

Tgt Ion:	41	Resp:	84184
Ion	Ratio	Lower	Upper
41	100		
69	81.4	65.2	97.8
39	56.9	44.5	66.7





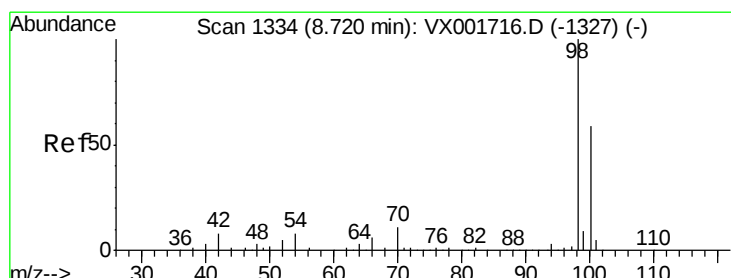
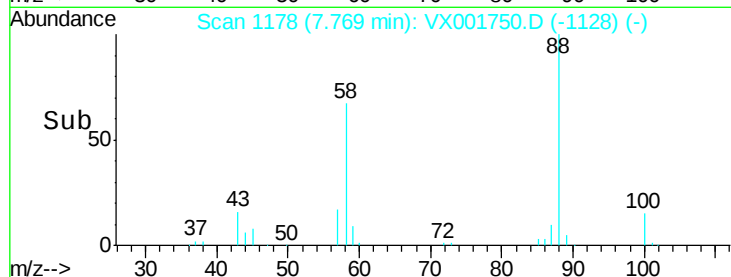
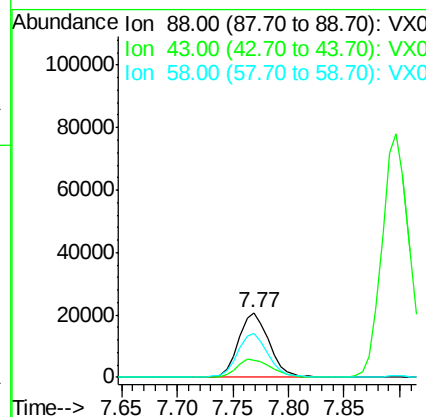
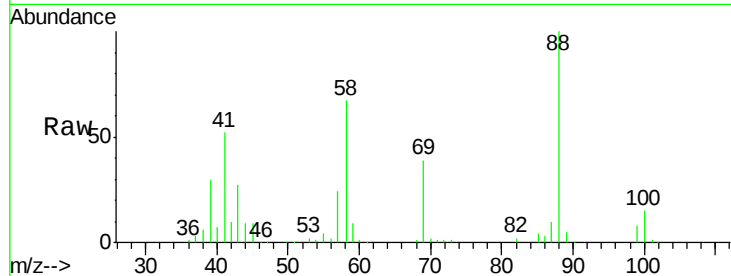
#49
1,4-Dioxane
Concen: 542.99 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. 0.01 min
Lab File: VX001750.D
Acq: 15 May 2018 17:22

Instrument :
MSVOA_X
ClientSampleId :
VX0515WBSD03

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.7	27.3	40.9
58	69.5	55.9	83.9

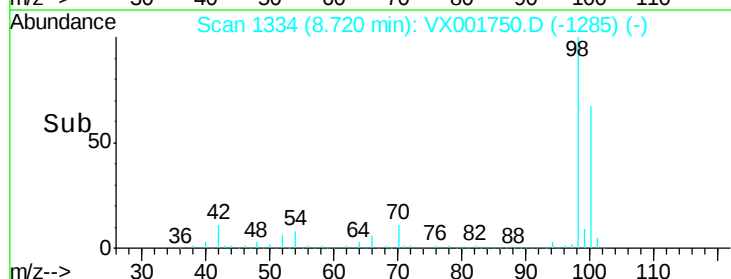
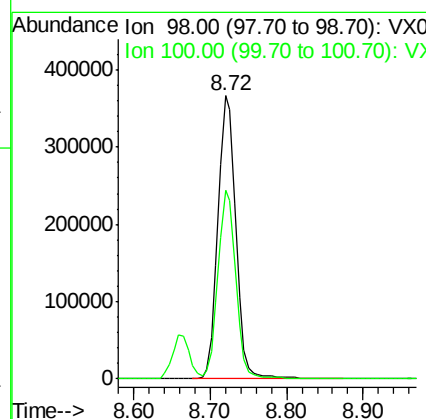
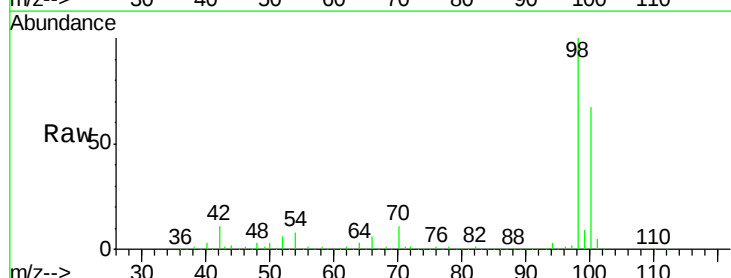
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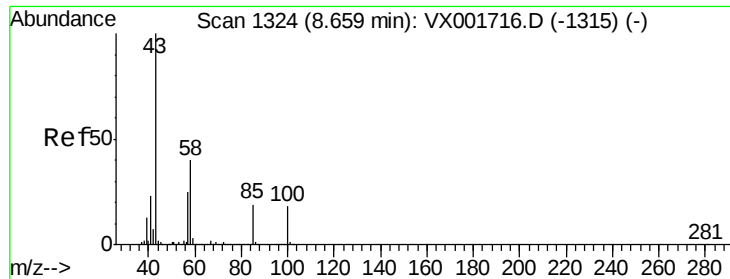
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#50
Toluene-d8
Concen: 51.45 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX001750.D
Acq: 15 May 2018 17:22

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.5	54.0	81.0





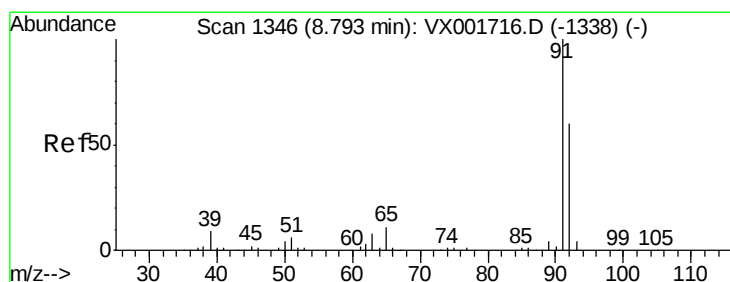
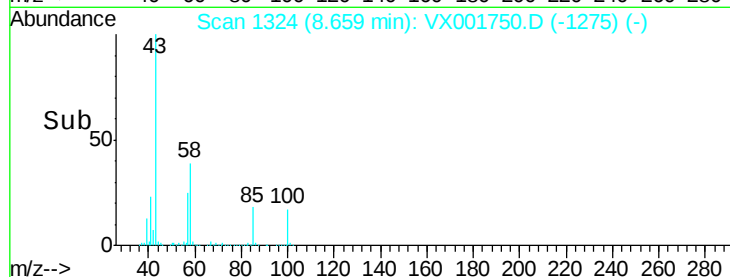
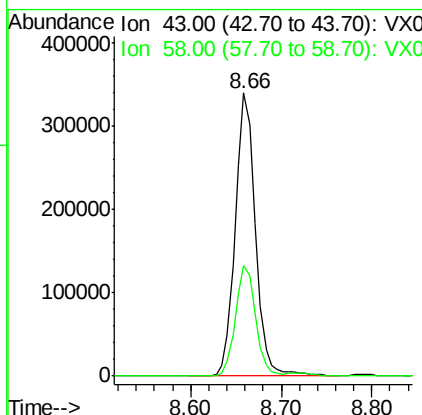
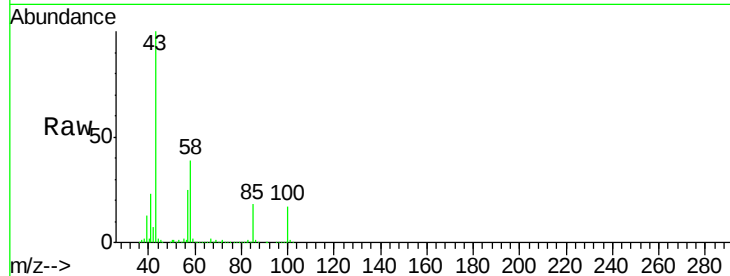
#51
 4-Methyl-2-Pentanone
 Concen: 115.81 ug/l
 RT: 8.66 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX001750.D
 Acq: 15 May 2018 17:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0515WBSD03

Tot Ion	Ratio	Lower	Upper
43	100		
58	38.9	31.4	47.0

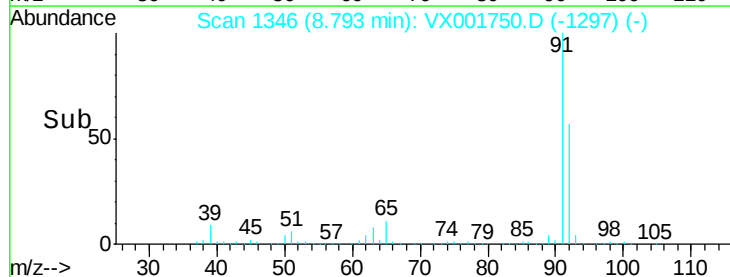
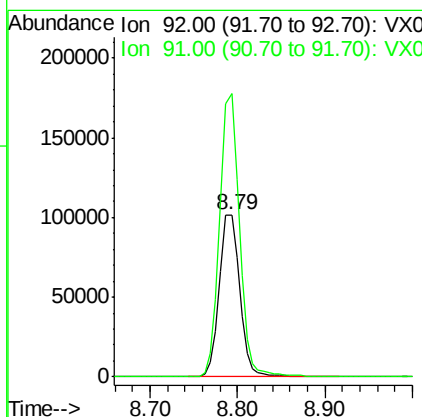
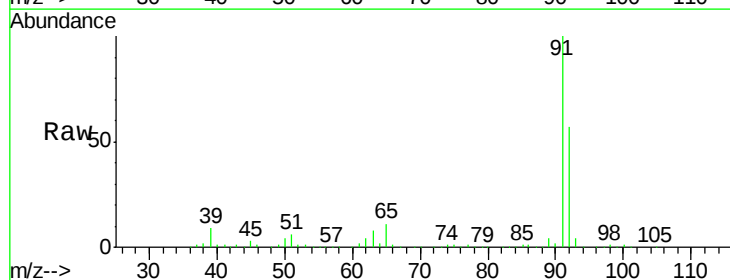
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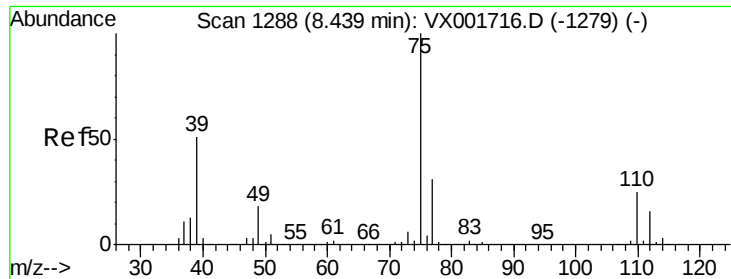
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#52
 Toluene
 Concen: 19.95 ug/l
 RT: 8.79 min Scan# 1346
 Delta R.T. -0.00 min
 Lab File: VX001750.D
 Acq: 15 May 2018 17:22

Tgt Ion	Ratio	Lower	Upper
92	100		
91	169.2	135.5	203.3





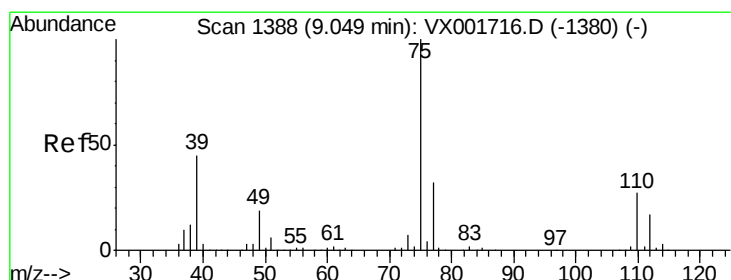
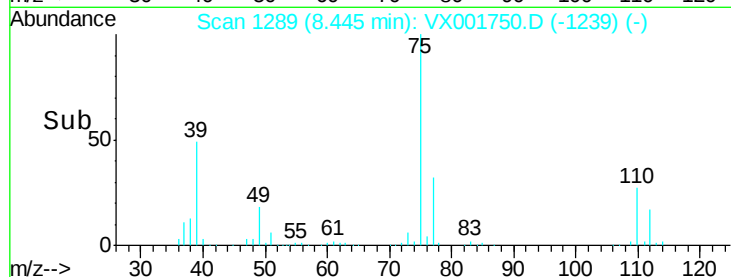
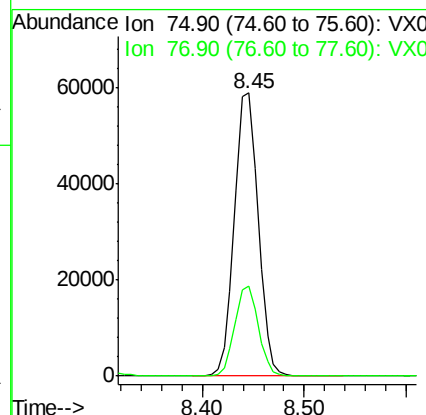
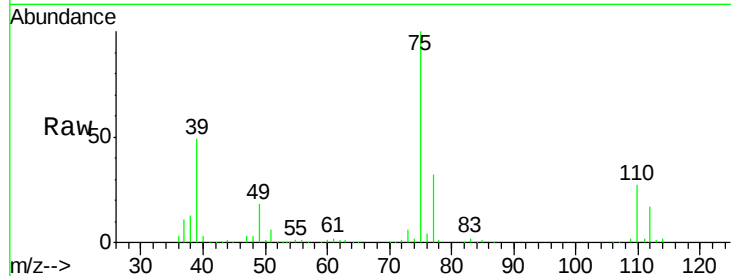
#53
 t-1,3-Dichloropropene
 Concen: 19.49 ug/l
 RT: 8.45 min Scan# 1289
 Delta R.T. 0.01 min
 Lab File: VX001750.D
 Acq: 15 May 2018 17:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0515WBSD03

Tot Ion: 75 Resp: 95110
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.0 37.6

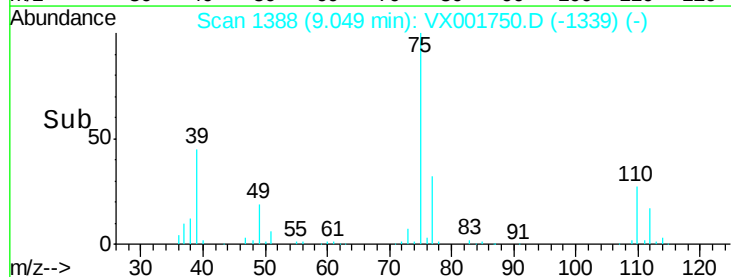
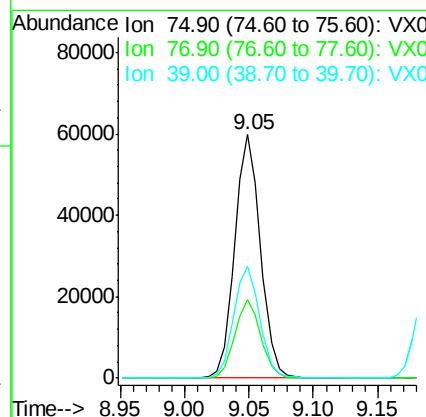
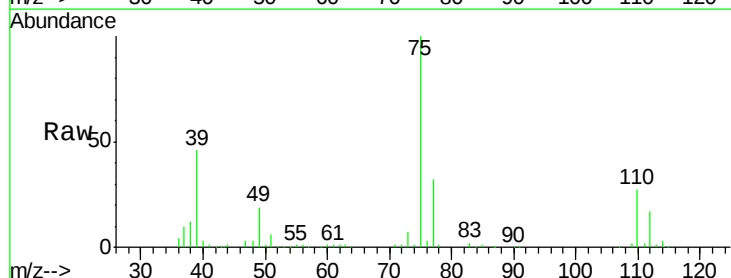
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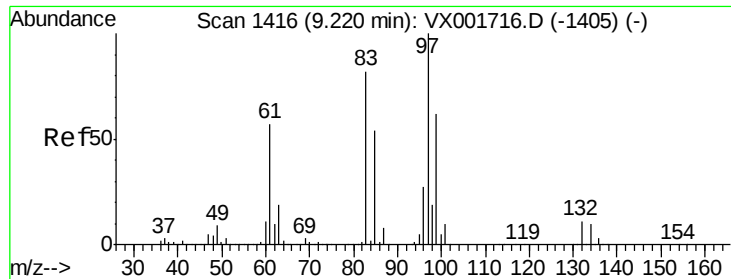
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#54
 cis-1,3-Dichloropropene
 Concen: 19.44 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: VX001750.D
 Acq: 15 May 2018 17:22

Tgt Ion: 75 Resp: 83619
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.4 38.2
 39 45.9 36.1 54.1





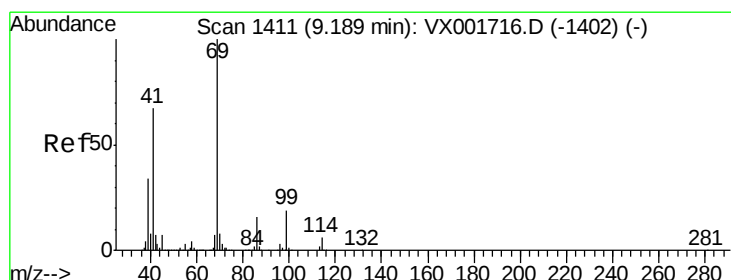
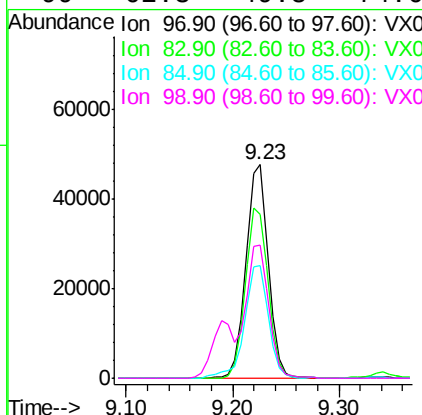
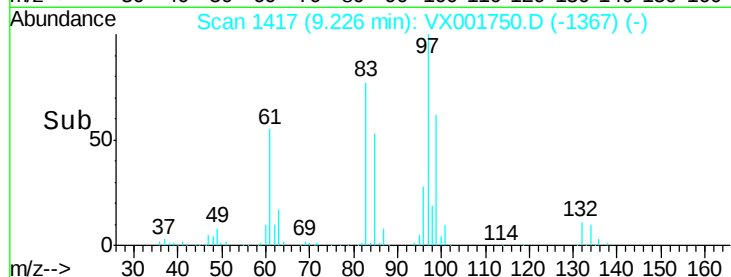
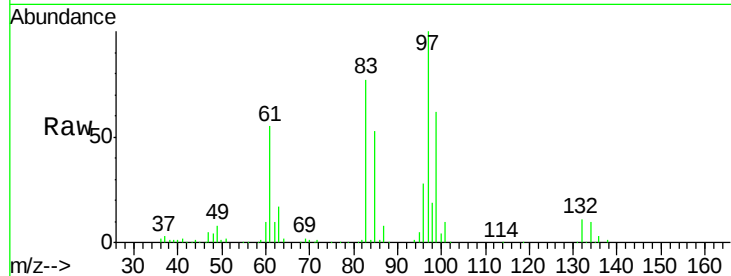
#55
 1,1,2-Trichloroethane
 Concen: 22.20 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. 0.01 min
 Lab File: VX001750.D
 Acq: 15 May 2018 17:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0515WBSD03

Tot Ion:	97	Resp:	70743
Ion	Ratio	Lower	Upper
97	100		
83	76.7	65.8	98.8
85	52.6	43.4	65.0
99	62.3	49.8	74.6

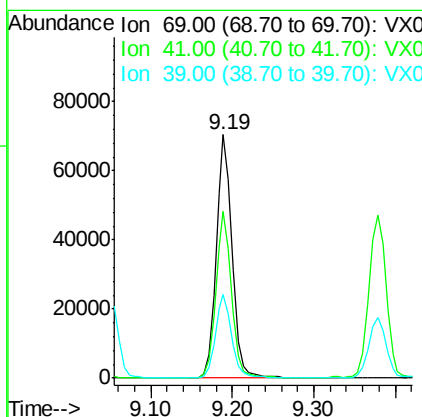
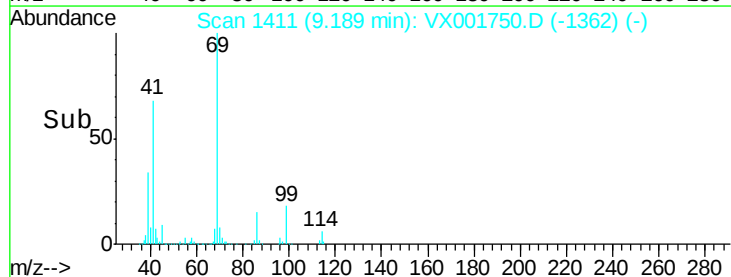
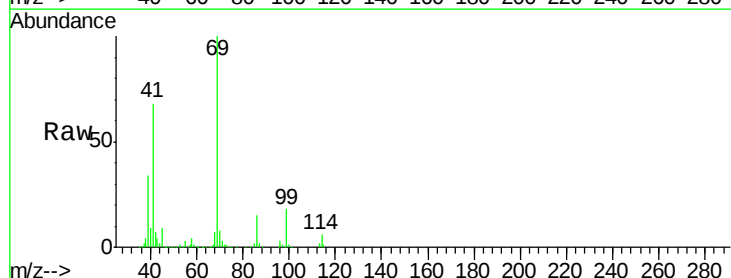
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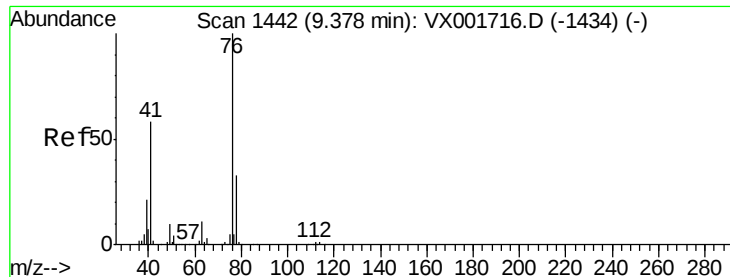
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#56
 Ethyl methacrylate
 Concen: 21.58 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX001750.D
 Acq: 15 May 2018 17:22

Tgt Ion:	69	Resp:	97505
Ion	Ratio	Lower	Upper
69	100		
41	67.2	53.5	80.3
39	34.9	27.2	40.8





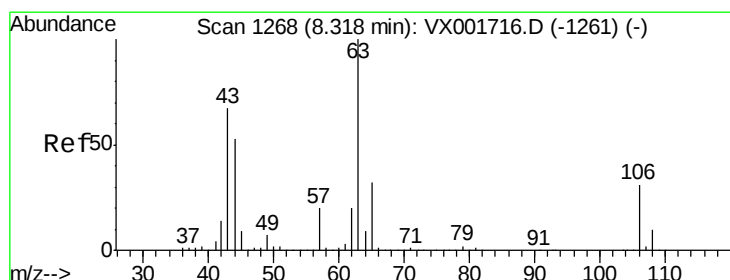
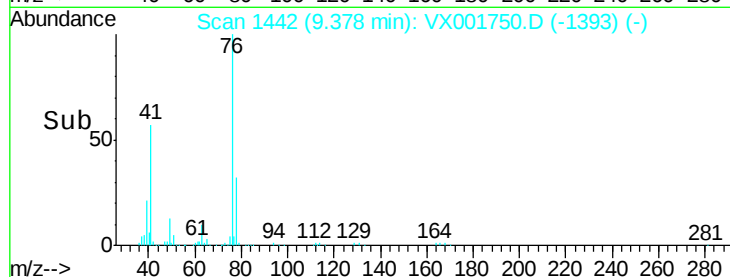
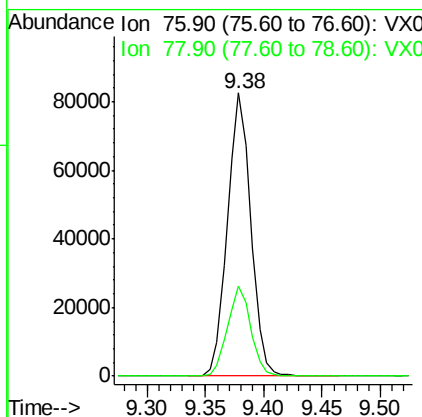
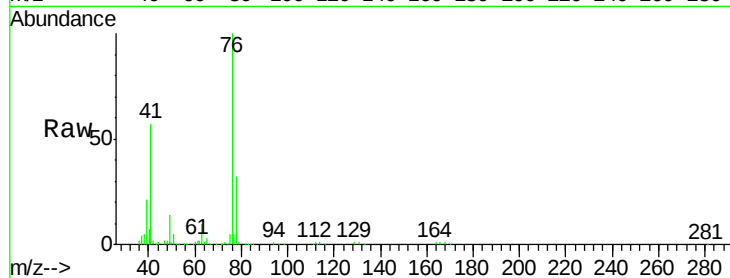
#57
 1,3-Dichloropropane
 Concen: 21.63 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX001750.D
 Acq: 15 May 2018 17:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0515WBSD03

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.6	25.8	38.6

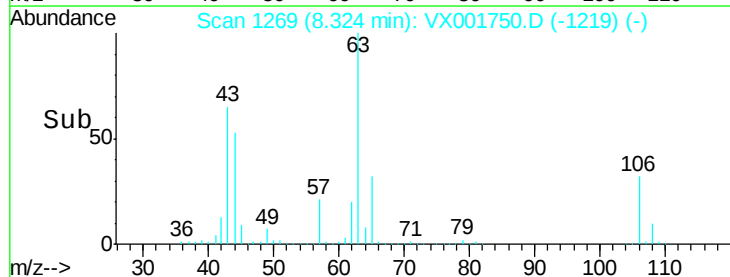
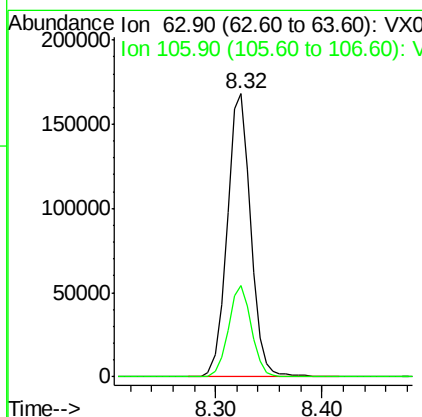
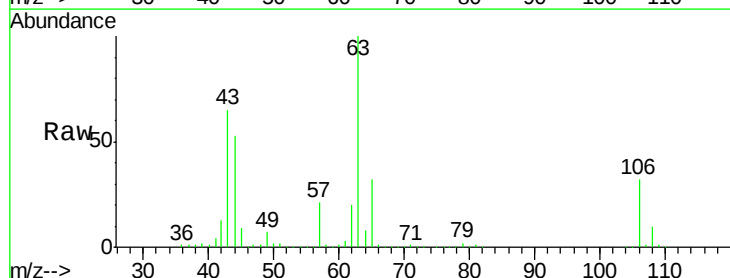
Manual Integrations
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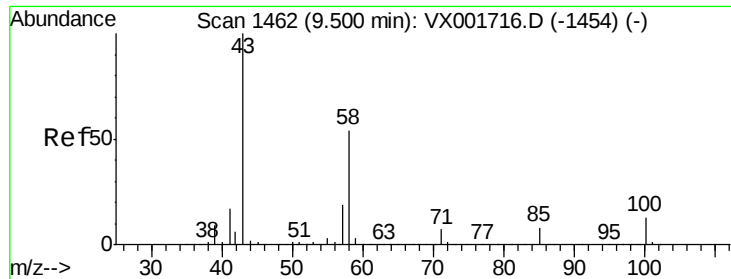
MMDadoda
 5/16/2018 11:54:16 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 111.73 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. 0.01 min
 Lab File: VX001750.D
 Acq: 15 May 2018 17:22

Tgt Ion	Ratio	Lower	Upper
63	100		
106	31.9	25.1	37.7





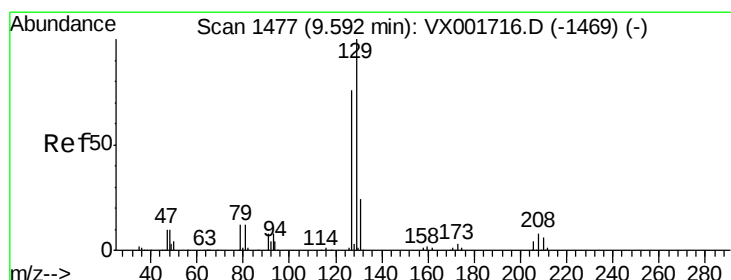
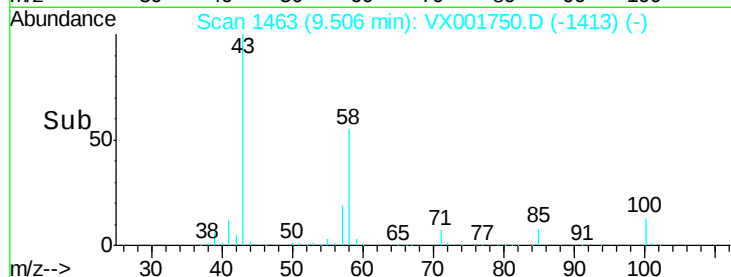
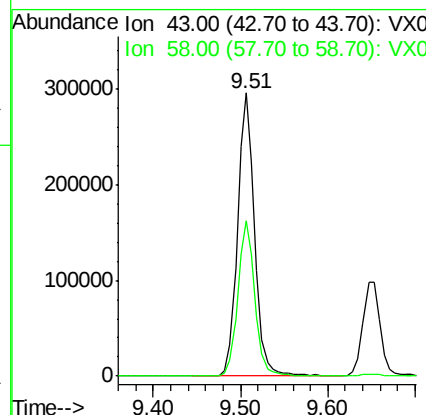
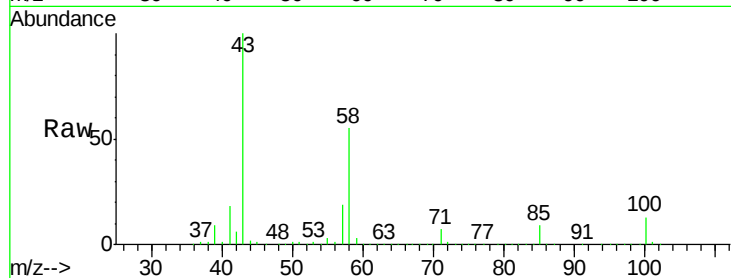
#59
2-Hexanone
Concen: 123.82 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.01 min
Lab File: VX001750.D
Acq: 15 May 2018 17:22

Instrument :
MSVOA_X
ClientSampleId :
VX0515WBSD03

Tot Ion: 43 Resp: 403427
Ion Ratio Lower Upper
43 100
58 55.0 27.7 83.1

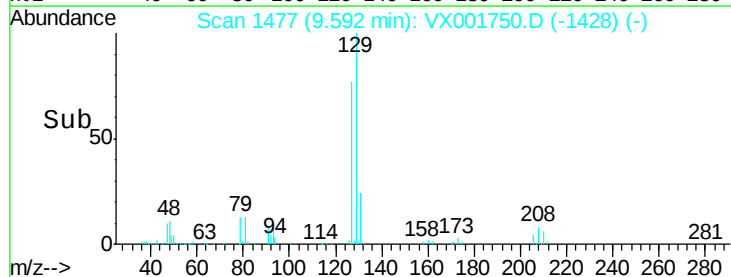
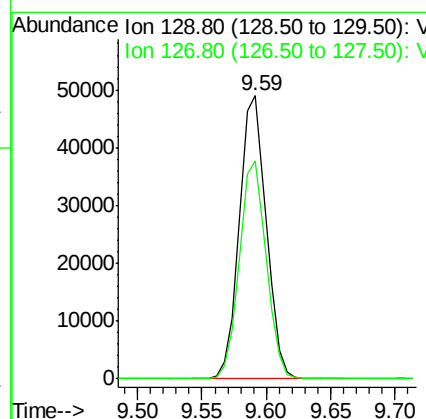
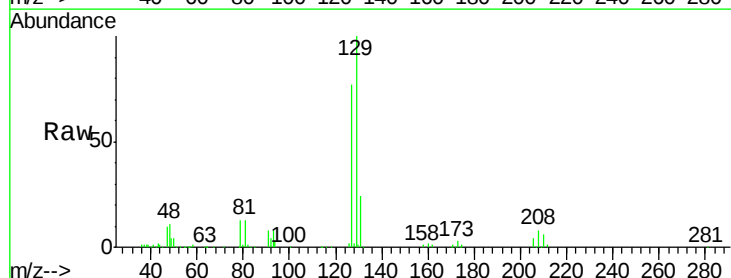
Manual Integrations
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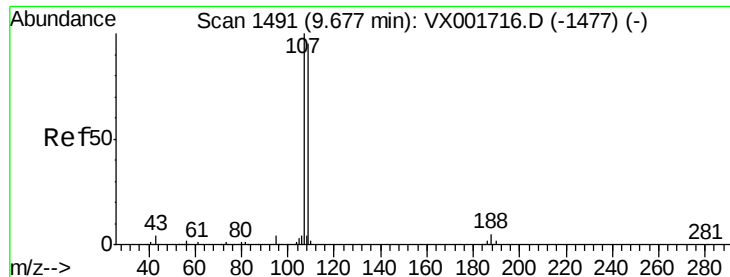
MMDadoda
5/16/2018 11:54:16 AM



#60
Dibromochloromethane
Concen: 21.88 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX001750.D
Acq: 15 May 2018 17:22

Tgt Ion:129 Resp: 71382
Ion Ratio Lower Upper
129 100
127 76.8 38.7 116.1





#61

1,2-Dibromoethane

Concen: 22.35 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX001750.D

Acq: 15 May 2018 17:22

Instrument :

MSVOA_X

ClientSampleId :

VX0515WBSD03

Tot Ion:107 Resp: 74570

Ion Ratio Lower Upper

107 100

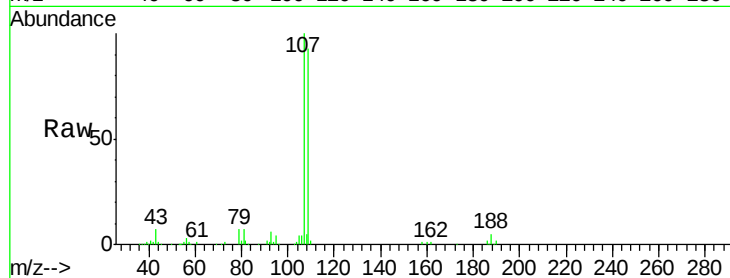
109 93.0 76.2 114.2

Manual Integrations

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MMDadoda

5/16/2018 11:54:16 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

60000

50000

40000

30000

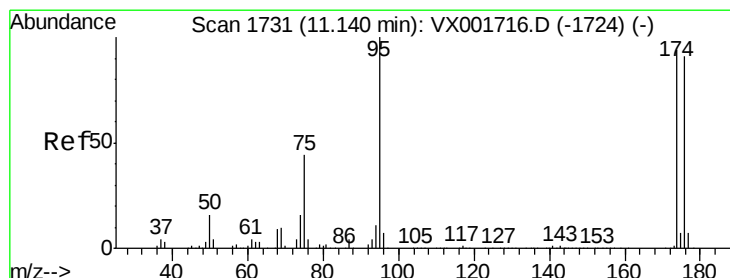
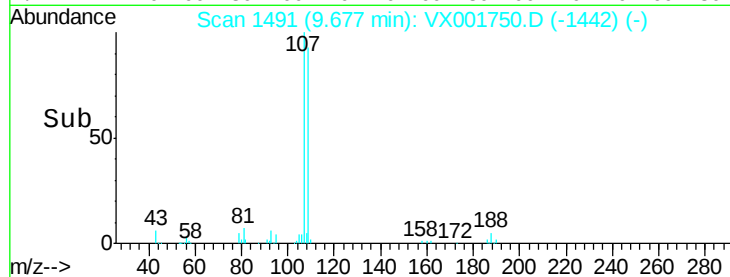
20000

10000

0

Time-->

9.60 9.70 9.80



#62

4-Bromofluorobenzene

Concen: 50.11 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.01 min

Lab File: VX001750.D

Acq: 15 May 2018 17:22

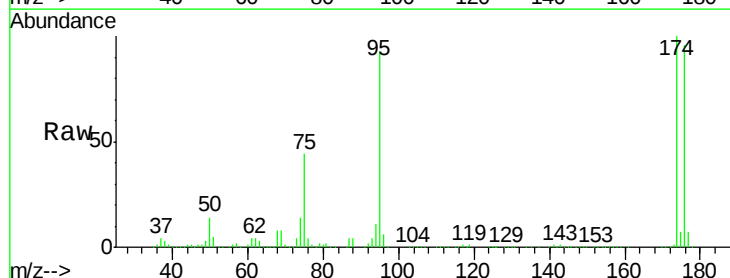
Tgt Ion: 95 Resp: 208597

Ion Ratio Lower Upper

95 100

174 101.6 0.0 201.8

176 98.4 0.0 196.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

150000

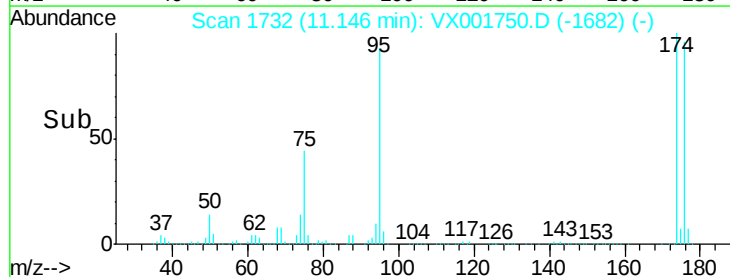
100000

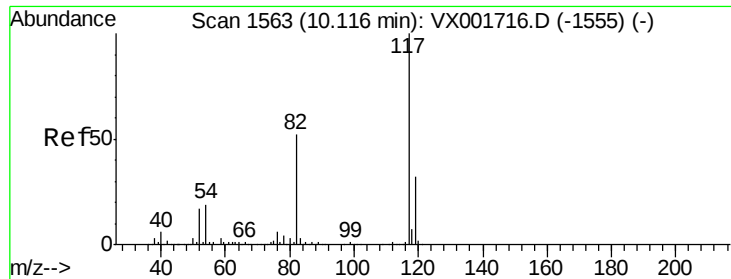
50000

0

Time-->

11.10 11.20





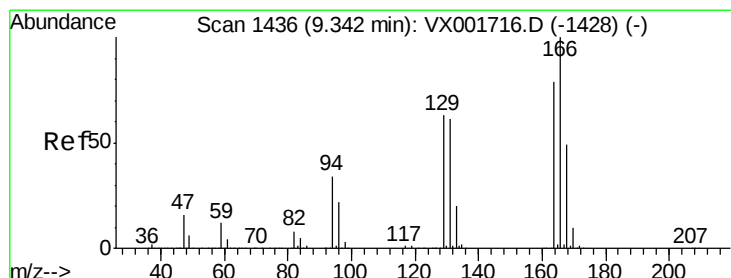
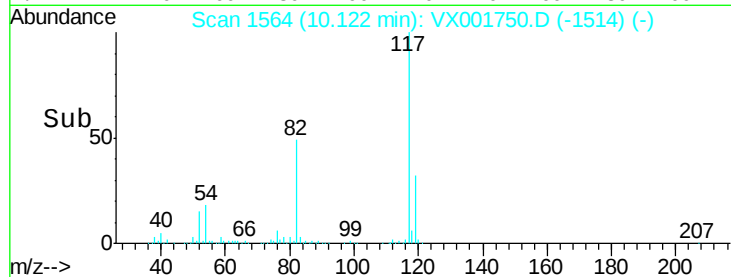
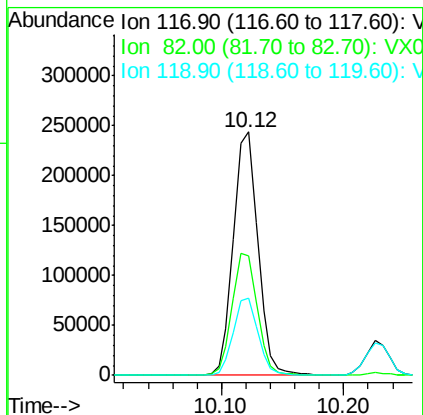
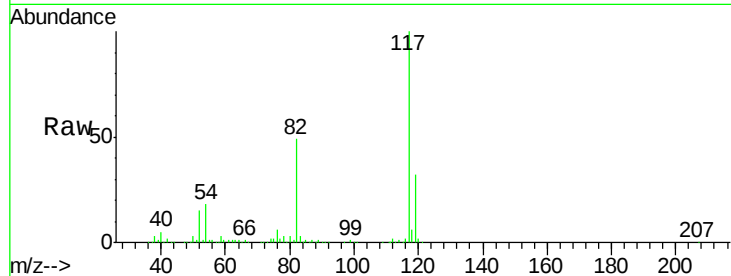
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX001750.D
Acq: 15 May 2018 17:22

Instrument :
MSVOA_X
ClientSampleId :
VX0515WBSD03

Tot Ion	Ratio	Resp	Lower	Upper
117	100	339650		
82	48.9		41.4	62.2
119	32.0		25.6	38.4

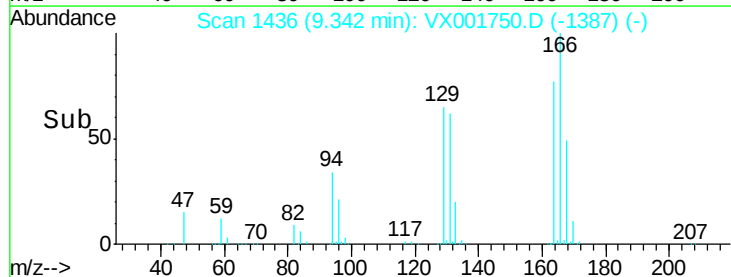
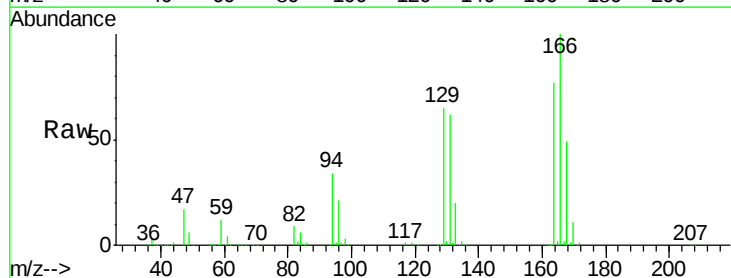
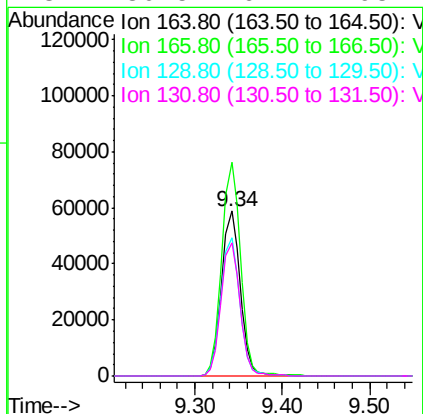
Manual Integrations
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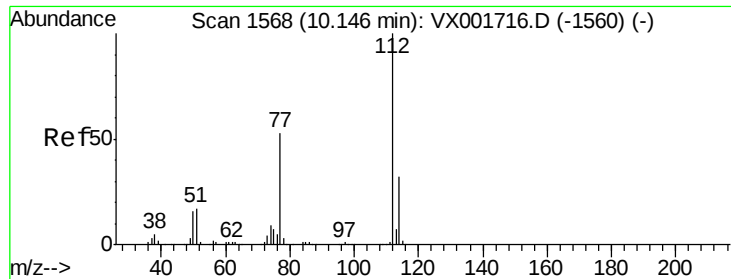
MMDadoda
5/16/2018 11:54:16 AM



#64
Tetrachloroethene
Concen: 19.86 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX001750.D
Acq: 15 May 2018 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	87831		
166	129.5		101.8	152.8
129	83.7		63.8	95.6
131	80.5		62.2	93.2





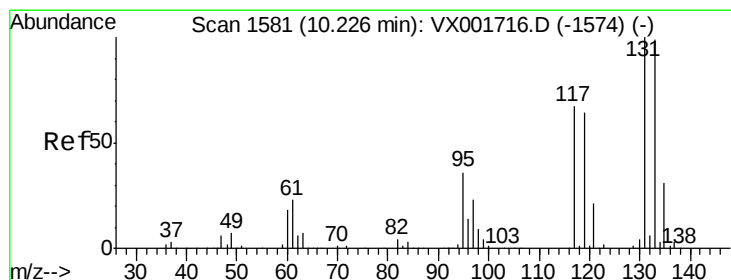
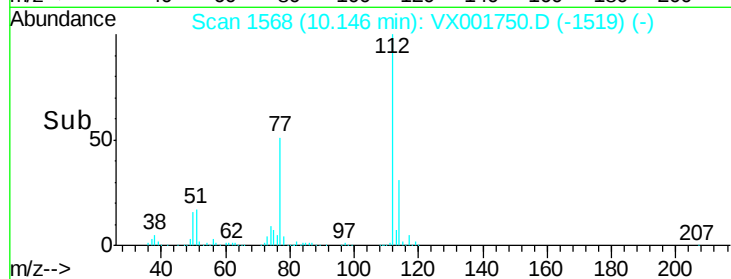
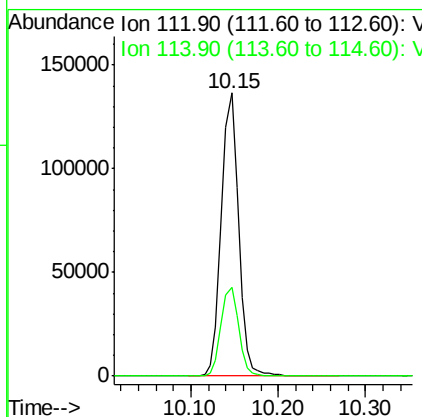
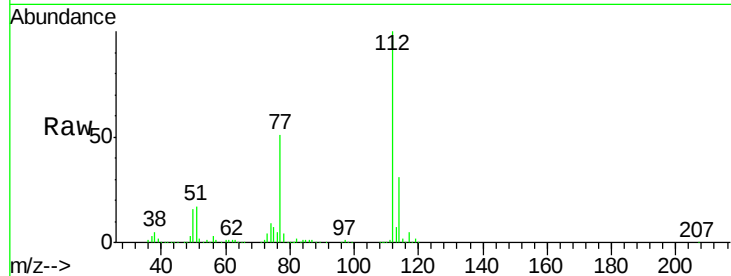
#65
Chlorobenzene
Concen: 20.03 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX001750.D
Acq: 15 May 2018 17:22

Instrument :
MSVOA_X
ClientSampleId :
VX0515WBSD03

Tot Ion:112 Resp: 187096
Ion Ratio Lower Upper
112 100
114 31.4 25.6 38.4

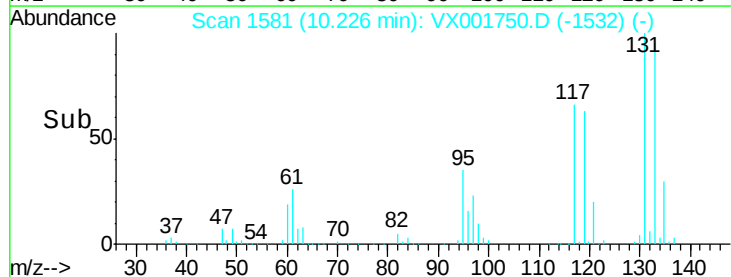
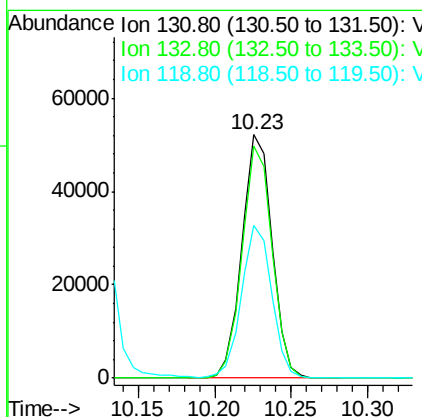
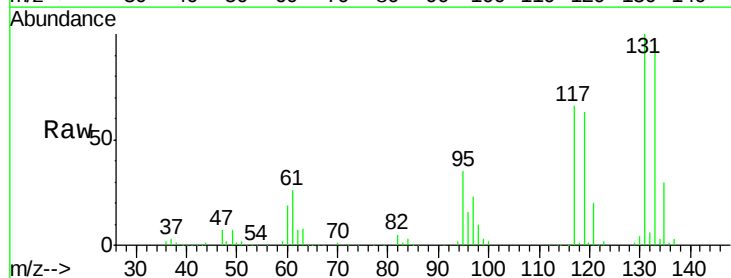
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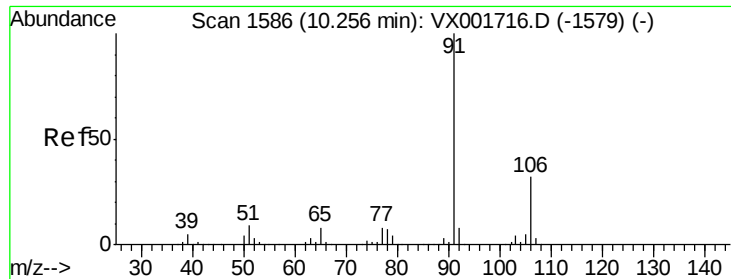
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.59 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX001750.D
Acq: 15 May 2018 17:22

Tgt Ion:131 Resp: 71255
Ion Ratio Lower Upper
131 100
133 95.0 48.5 145.6
119 63.1 31.9 95.5





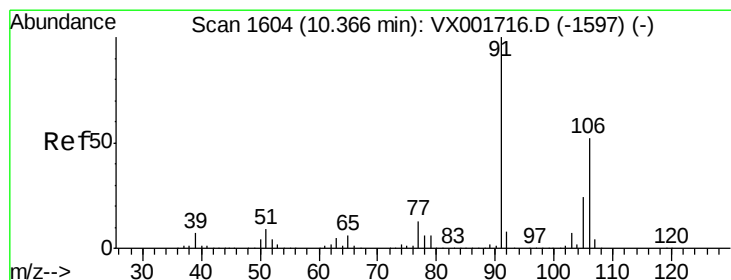
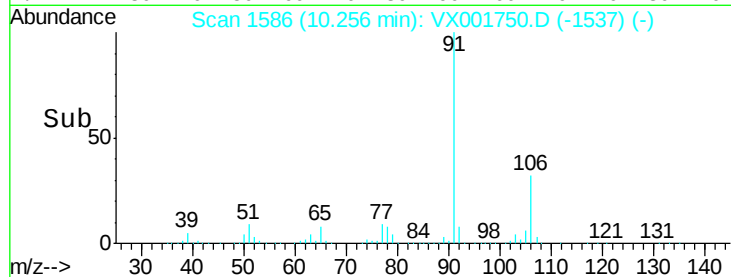
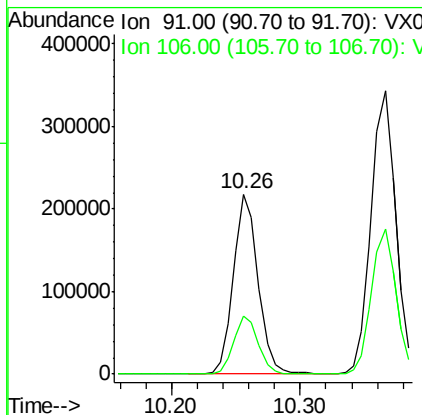
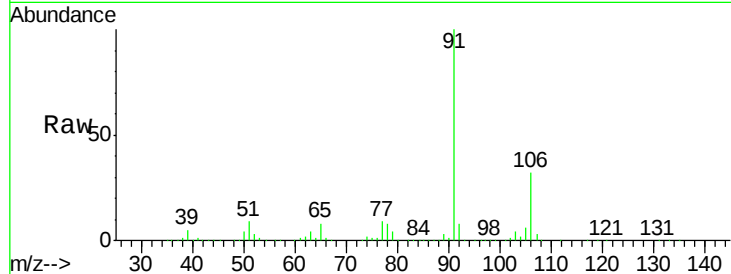
#67
Ethyl Benzene
Concen: 19.59 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX001750.D
Acq: 15 May 2018 17:22

Instrument :
MSVOA_X
ClientSampleId :
VX0515WBSD03

Tot Ion: 91 Resp: 292505
Ion Ratio Lower Upper
91 100
106 32.2 25.7 38.5

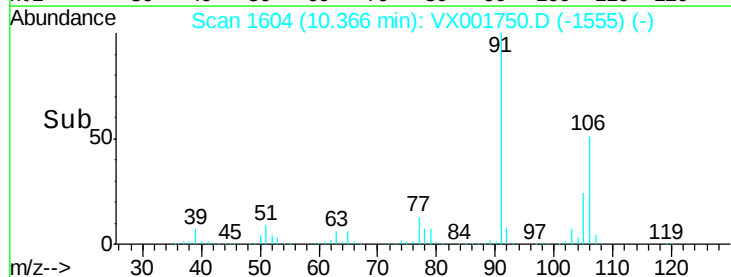
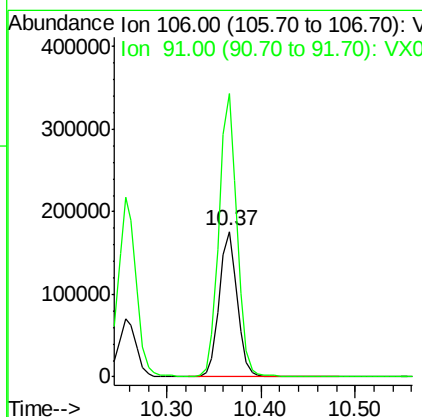
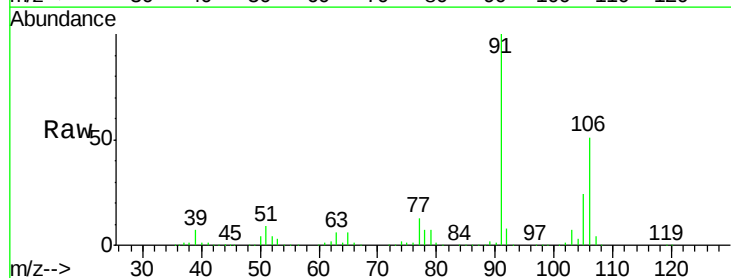
Manual Integrations
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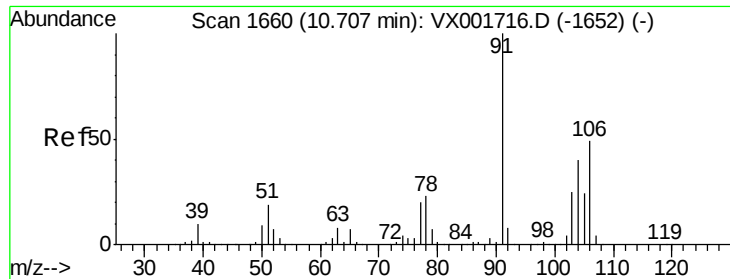
MMDadoda
5/16/2018 11:54:16 AM



#68
m/p-Xylenes
Concen: 39.72 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX001750.D
Acq: 15 May 2018 17:22

Tgt Ion: 106 Resp: 233987
Ion Ratio Lower Upper
106 100
91 195.6 155.4 233.2





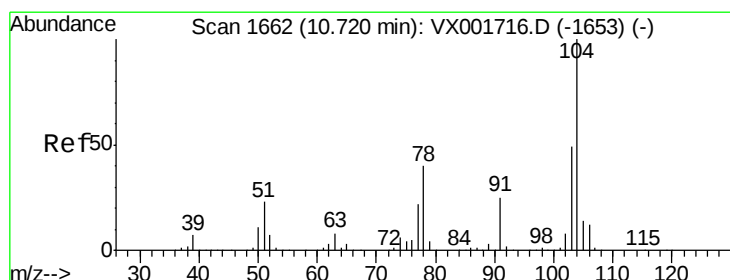
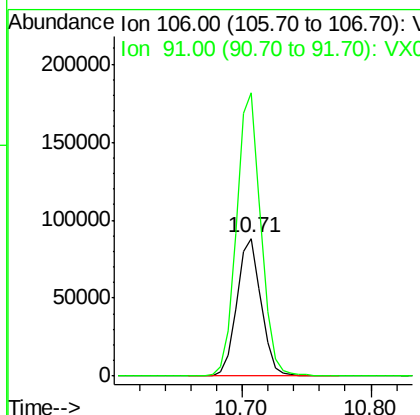
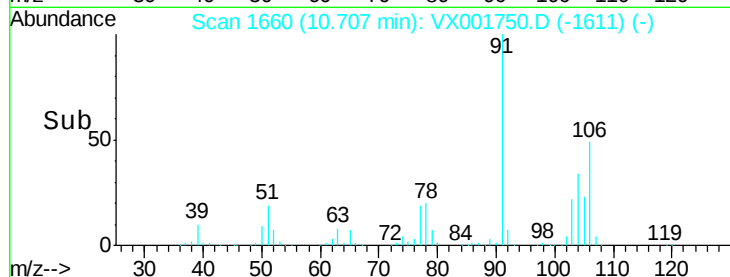
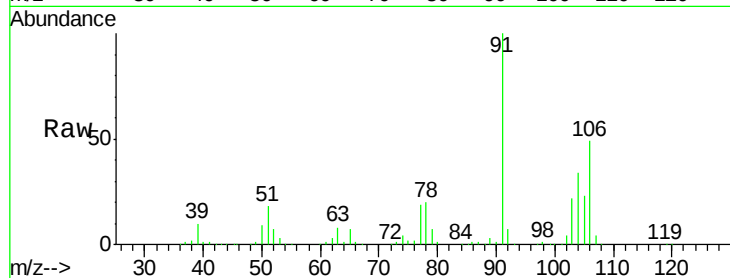
#69
o-Xylene
Concen: 20.40 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX001750.D
Acq: 15 May 2018 17:22

Instrument :
MSVOA_X
ClientSampleId :
VX0515WBSD03

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		115100		
91	208.0	103.4	310.2		

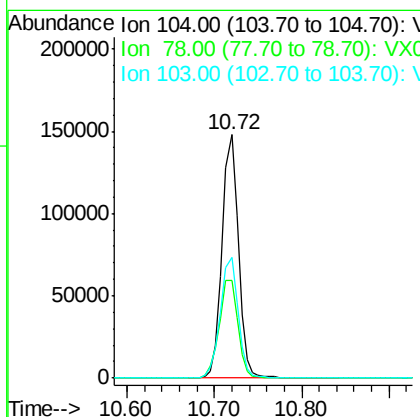
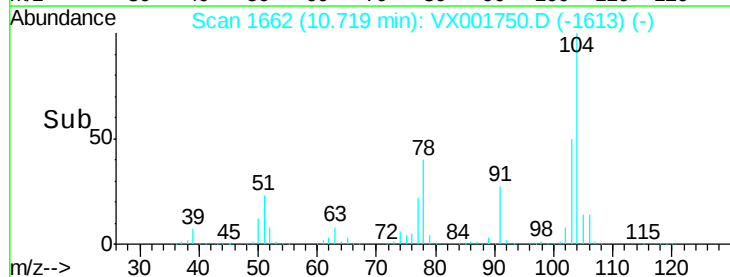
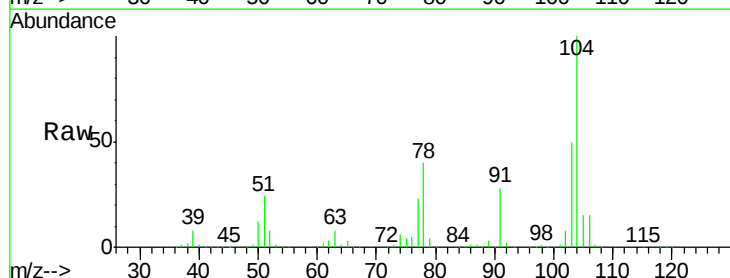
Manual Integrations
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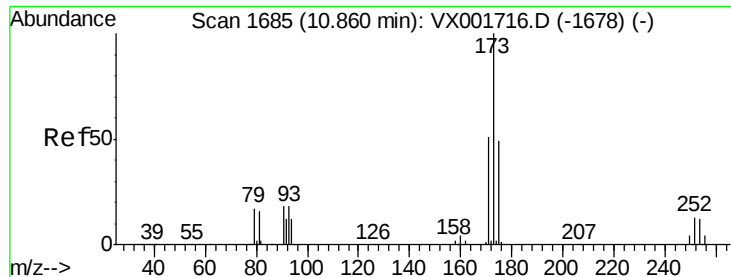
MMDadoda
5/16/2018 11:54:16 AM



#70
Styrene
Concen: 20.51 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX001750.D
Acq: 15 May 2018 17:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		190844		
78	46.7	37.3	55.9		
103	54.5	43.7	65.5		





#71

Bromoform

Concen: 20.12 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX001750.D

Acq: 15 May 2018 17:22

Instrument :

MSVOA_X

ClientSampleId :

VX0515WBSD03

Tot Ion:173 Resp: 56089

Ion Ratio Lower Upper

173 100

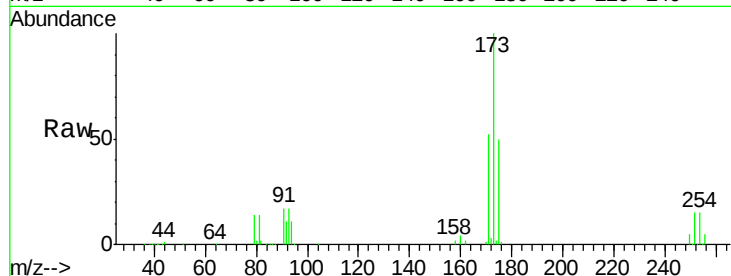
175 49.6 24.3 72.8

254 0.3 0.2 0.2#

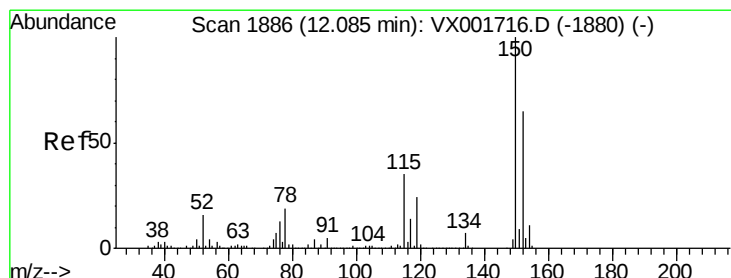
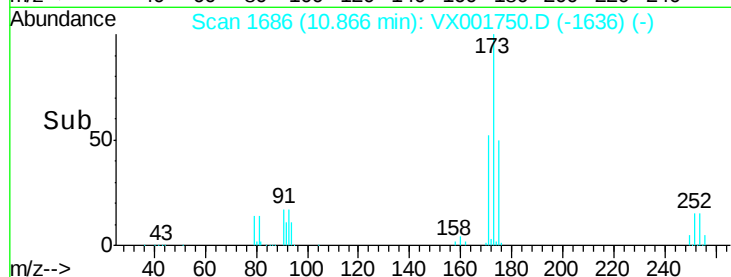
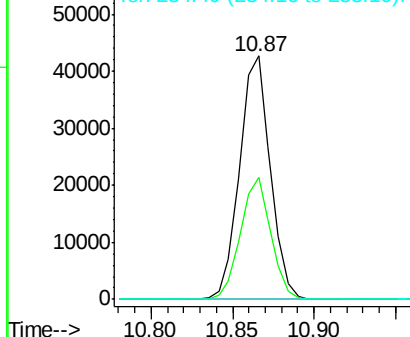
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX001750.D

Acq: 15 May 2018 17:22

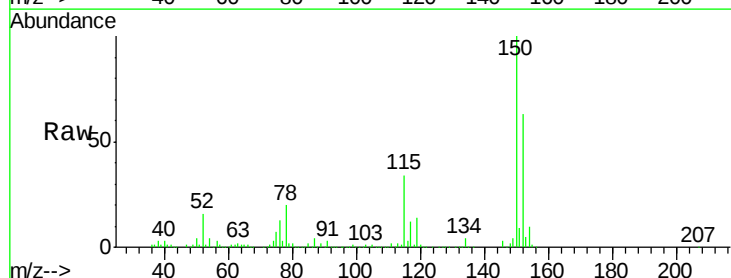
Tgt Ion:152 Resp: 209306

Ion Ratio Lower Upper

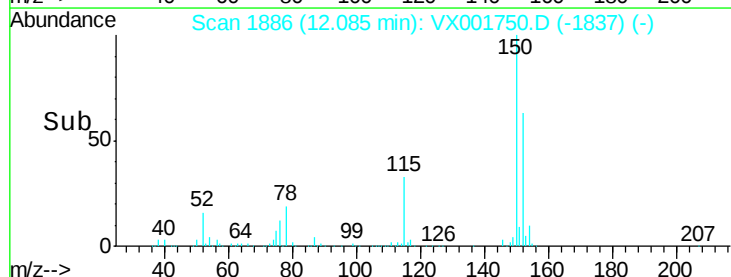
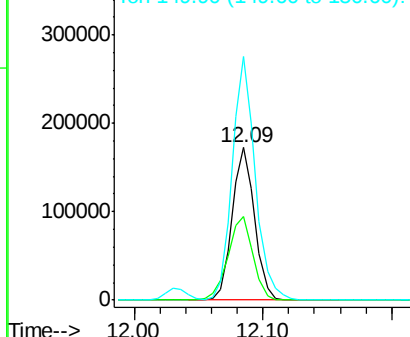
152 100

115 61.7 37.4 112.2

150 163.7 0.0 344.8



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





#73

Isopropylbenzene

Concen: 21.70 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX001750.D

Acq: 15 May 2018 17:22

Instrument :

MSVOA_X

ClientSampleId :

VX0515WBSD03

Tot Ion:105 Resp: 299119

Ion Ratio Lower Upper

105 100

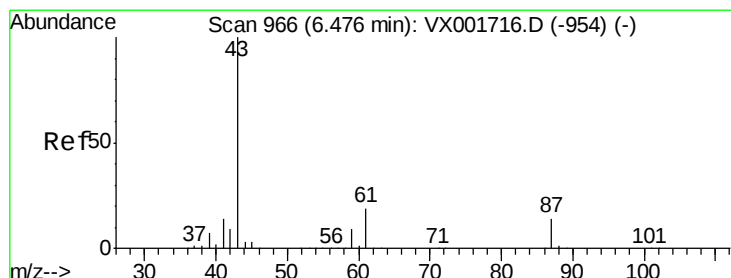
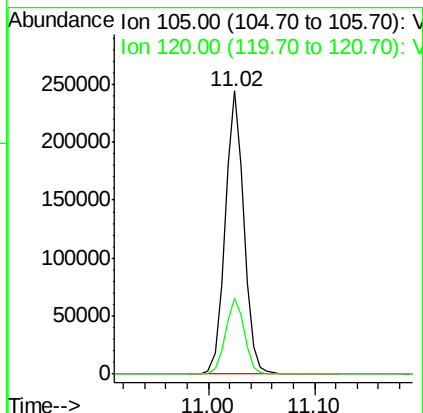
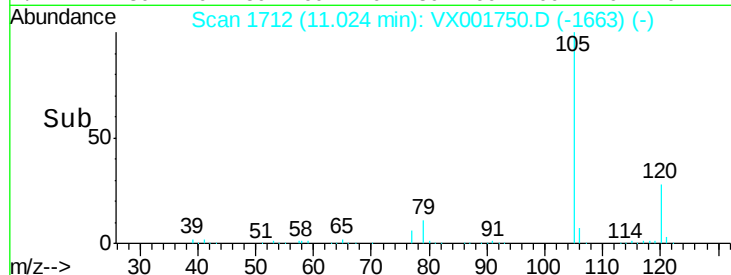
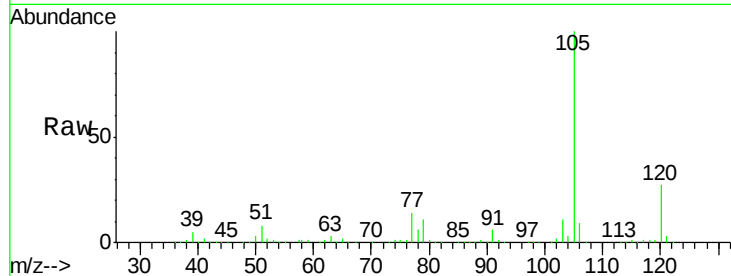
120 27.3 13.8 41.3

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#74

N-ethyl acetate

Concen: 23.86 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.01 min

Lab File: VX001750.D

Acq: 15 May 2018 17:22

Tgt Ion: 43 Resp: 157694

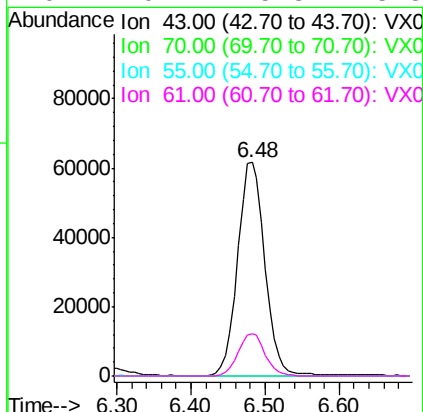
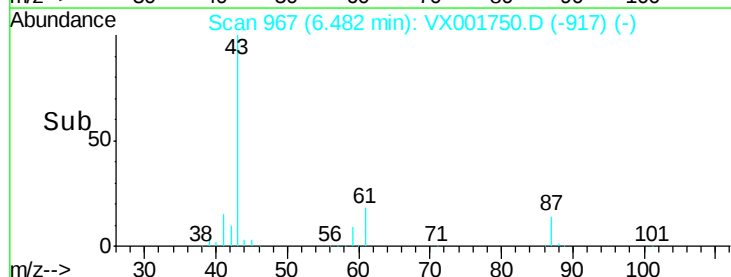
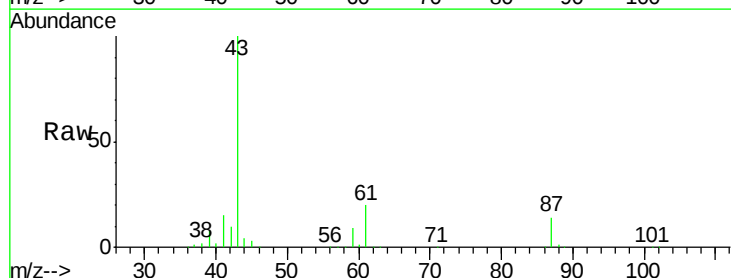
Ion Ratio Lower Upper

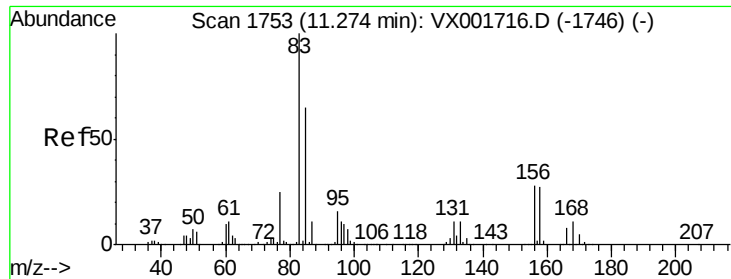
43 100

70 0.0 0.0 0.0

55 0.1 0.1 0.1#

61 19.7 15.8 23.8





#75

1,1,2,2-Tetrachloroethane

Concen: 24.05 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX001750.D

Acq: 15 May 2018 17:22

Instrument :

MSVOA_X

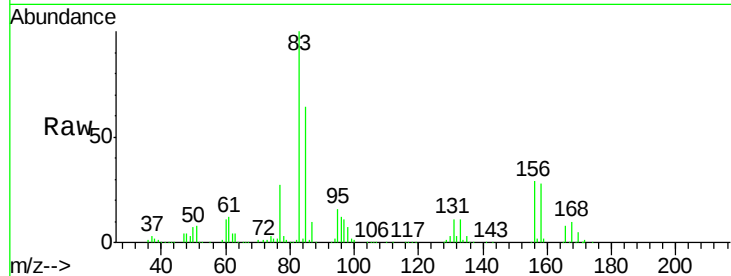
ClientSampleId :

VX0515WBSD03

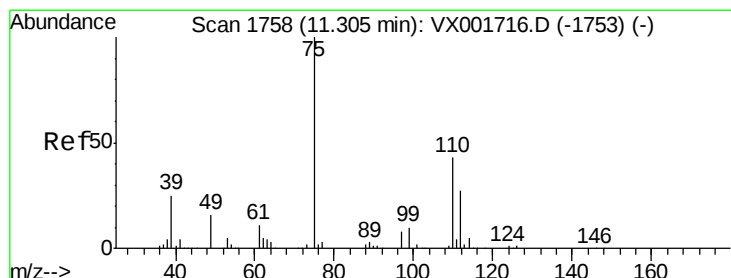
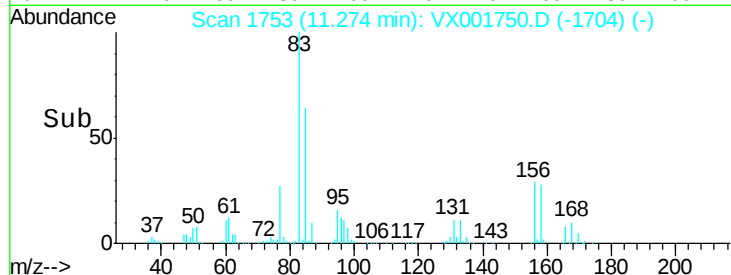
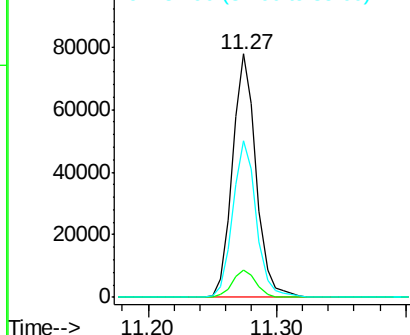
Tot Ion:	83	Resp:	99451
Ion Ratio	Lower	Upper	
83	100		
131	11.4	5.7	17.0
85	64.6	32.7	98.1

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.27 ug/l m

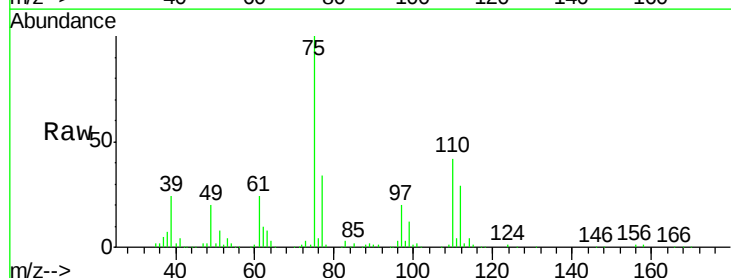
RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

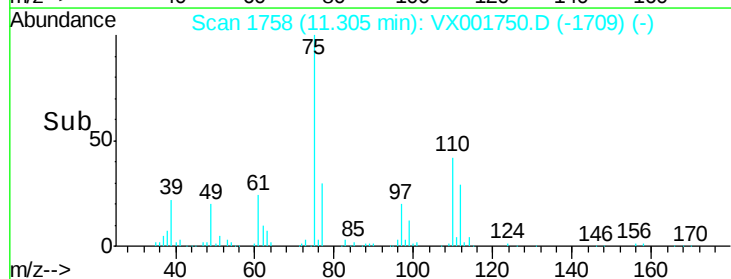
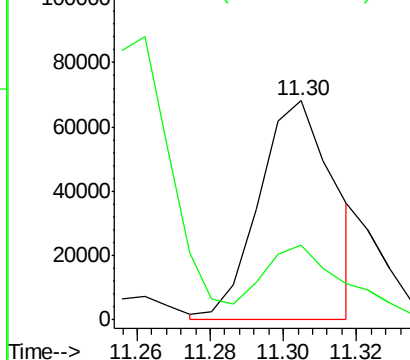
Lab File: VX001750.D

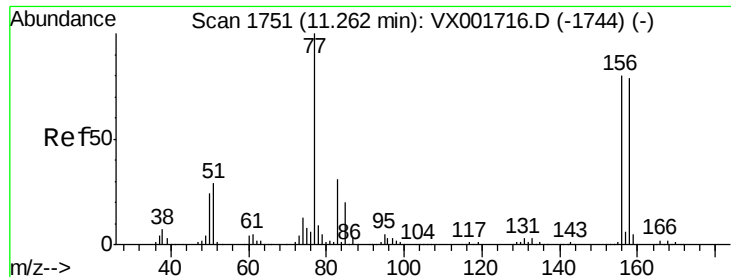
Acq: 15 May 2018 17:22

Tgt Ion:	75	Resp:	96582
Ion Ratio	Lower	Upper	
75	100		
77	37.6	18.9	56.7



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 22.24 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX001750.D

Acq: 15 May 2018 17:22

Instrument :

MSVOA_X

ClientSampleId :

VX0515WBSD03

Tot Ion:156 Resp: 90096

Ion Ratio Lower Upper

156 100

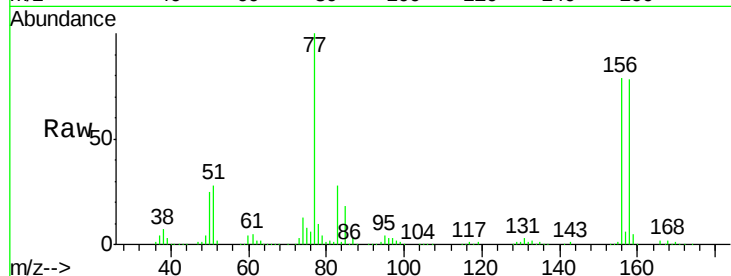
77 130.6 65.3 196.0

158 97.4 49.1 147.3

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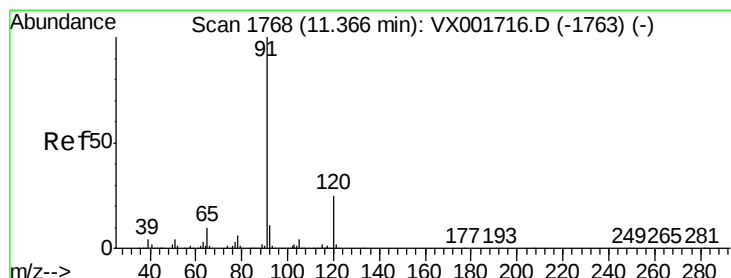
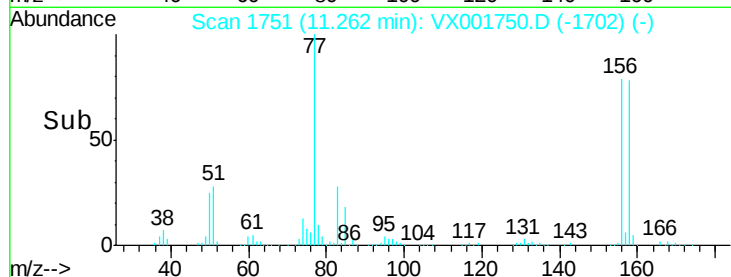
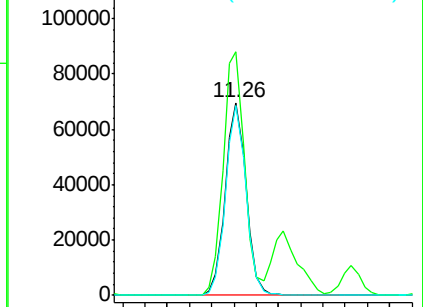
5/16/2018 11:54:16 AM



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: 20.49 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX001750.D

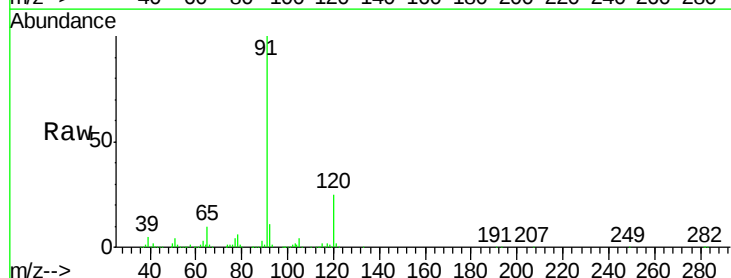
Acq: 15 May 2018 17:22

Tgt Ion: 91 Resp: 318216

Ion Ratio Lower Upper

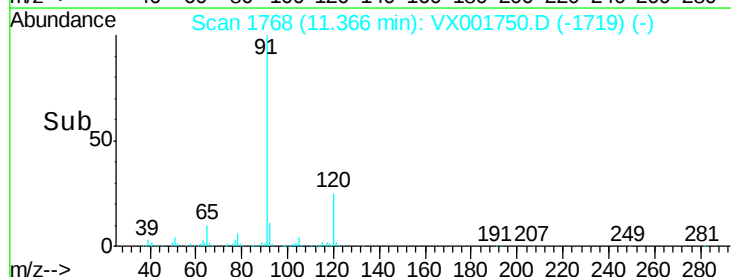
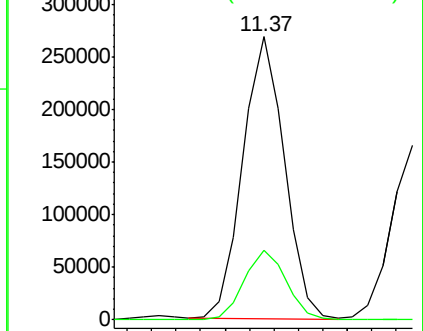
91 100

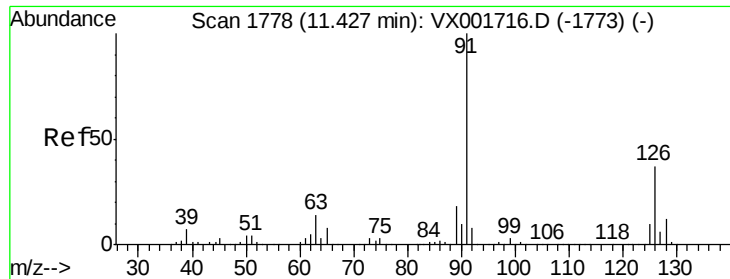
120 25.0 12.5 37.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





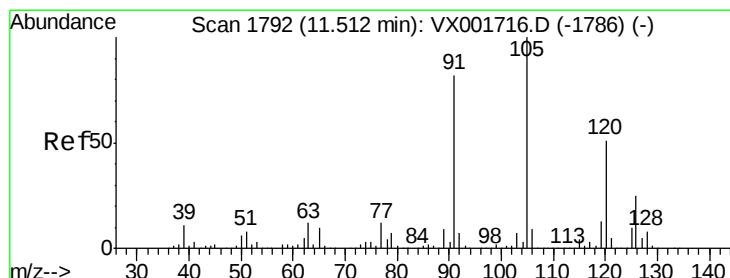
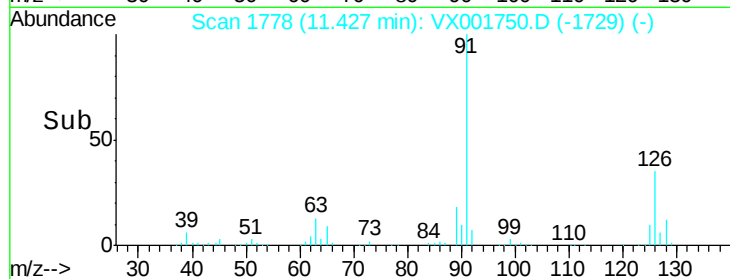
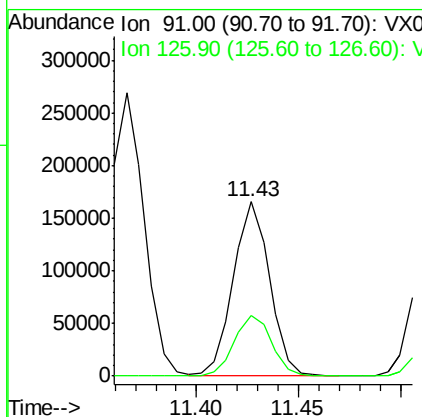
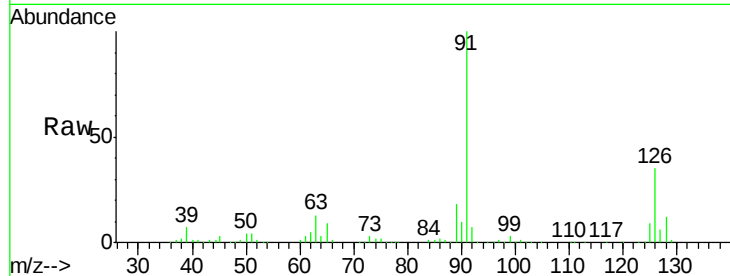
#79
 2-Chlorotoluene
 Concen: 21.85 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX001750.D
 Acq: 15 May 2018 17:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0515WBSD03

Tot Ion: 91 Resp: 202924
 Ion Ratio Lower Upper
 91 100
 126 36.5 18.4 55.4

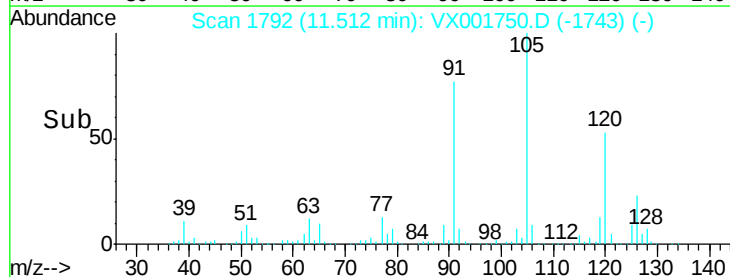
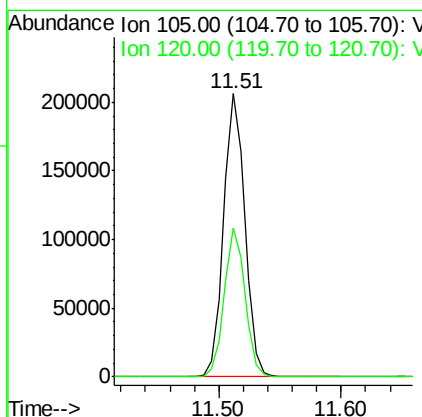
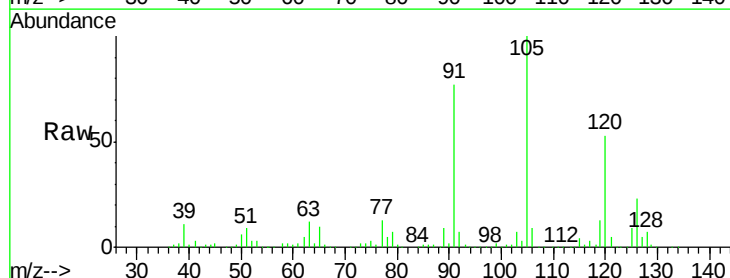
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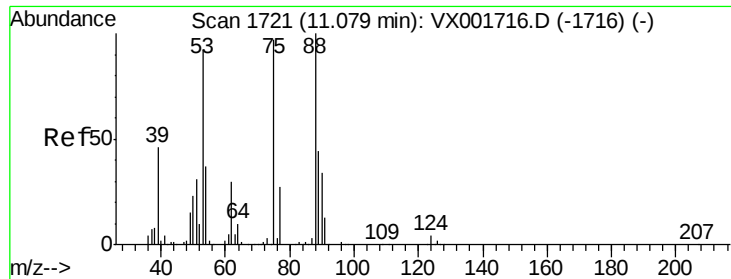
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#80
 1,3,5-Trimethylbenzene
 Concen: 21.95 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX001750.D
 Acq: 15 May 2018 17:22

Tgt Ion: 105 Resp: 248225
 Ion Ratio Lower Upper
 105 100
 120 51.4 25.7 77.0





#81

trans-1,4-Dichloro-2-butene

Concen: 19.15 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001750.D

Acq: 15 May 2018 17:22

Instrument :

MSVOA_X

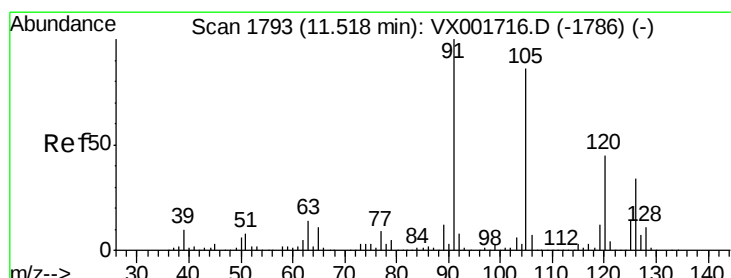
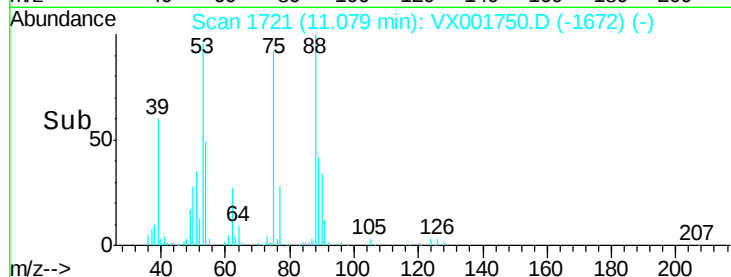
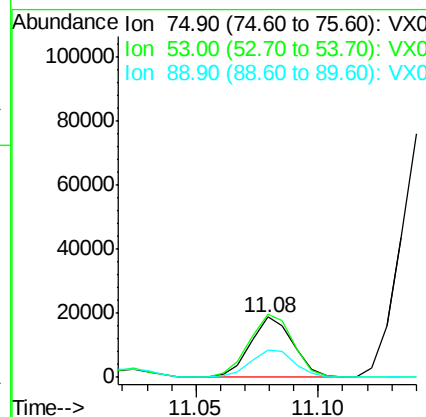
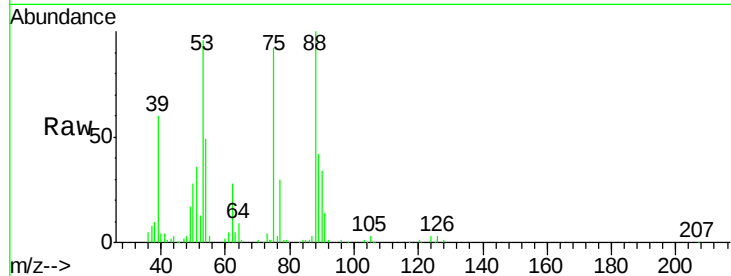
ClientSampleId :

VX0515WBSD03

Tot Ion:	75	Resp:	22657
Ion	Ratio	Lower	Upper
75	100		
53	109.7	79.4	119.2
89	47.7	38.8	58.2

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#82

4-Chlorotoluene

Concen: 21.00 ug/l

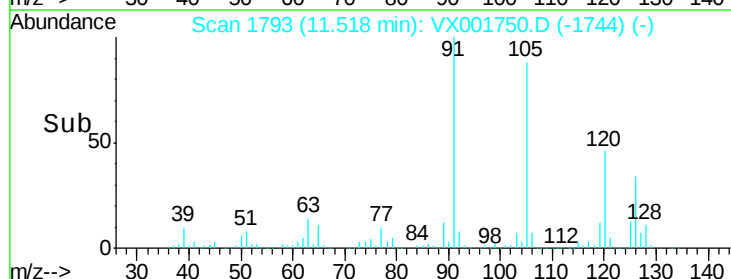
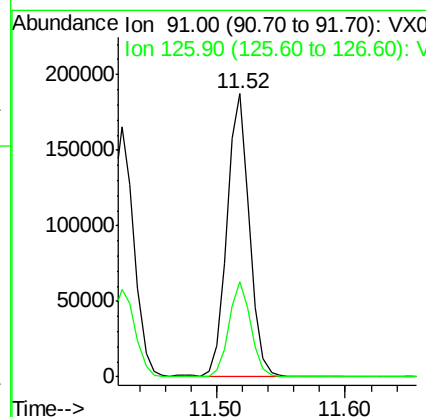
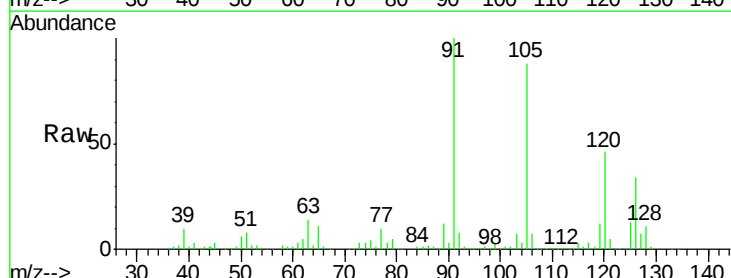
RT: 11.52 min Scan# 1793

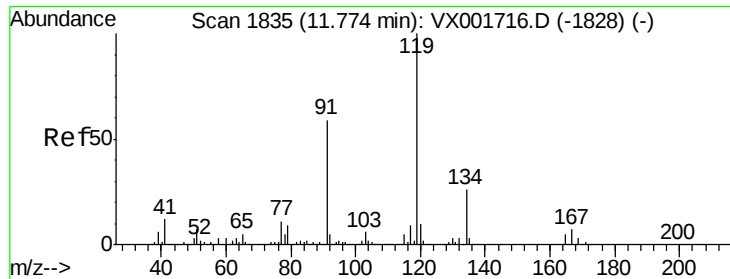
Delta R.T. -0.00 min

Lab File: VX001750.D

Acq: 15 May 2018 17:22

Tgt Ion:	91	Resp:	229808
Ion	Ratio	Lower	Upper
91	100		
126	33.0	16.4	49.1





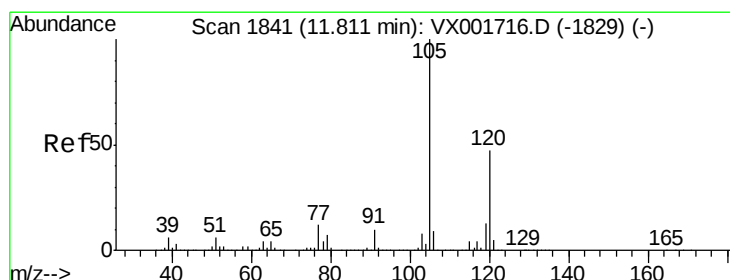
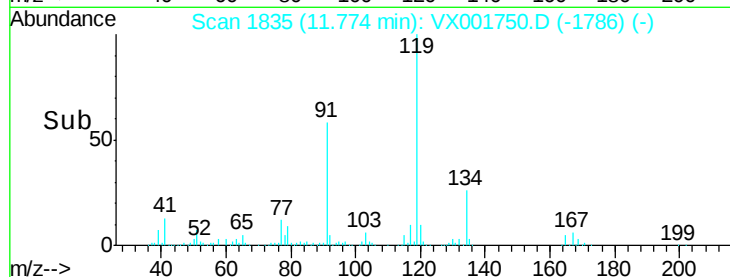
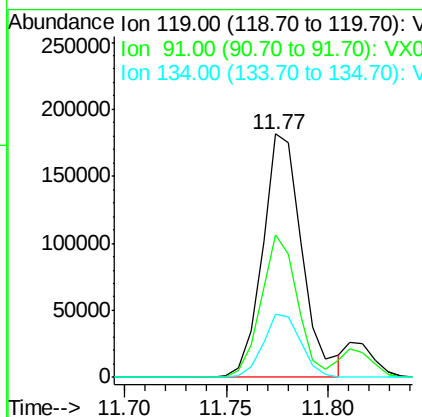
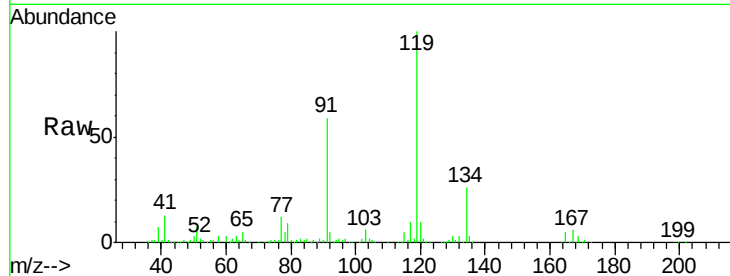
#83
tert-Butylbenzene
Concen: 21.70 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX001750.D
Acq: 15 May 2018 17:22

Instrument :
MSVOA_X
ClientSampleId :
VX0515WBSD03

Tot Ion	Ratio	Lower	Upper
119	100		
91	53.9	27.7	83.0
134	25.0	12.7	38.1

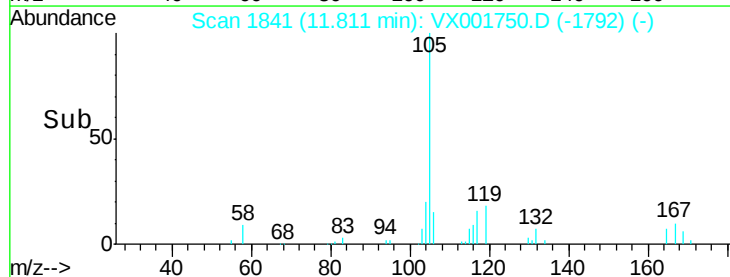
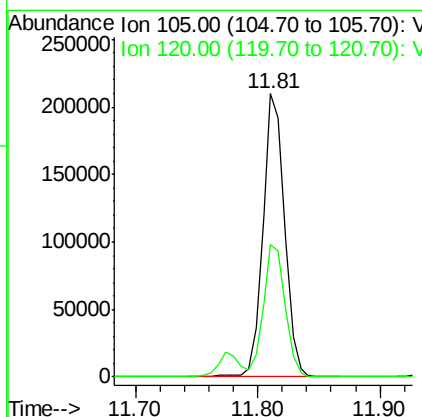
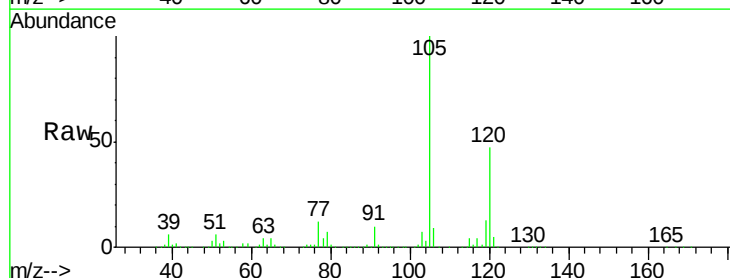
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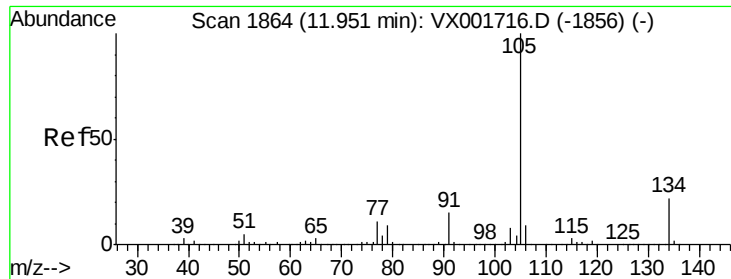
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#84
1,2,4-Trimethylbenzene
Concen: 22.15 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX001750.D
Acq: 15 May 2018 17:22

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.9	23.5	70.5





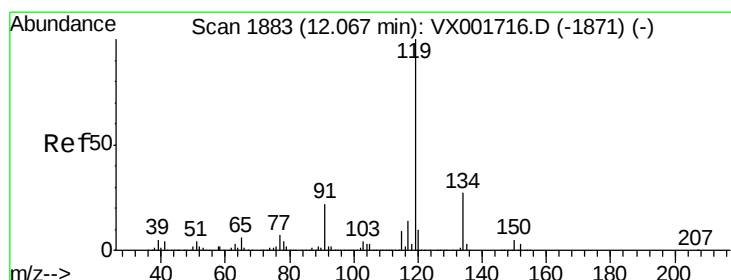
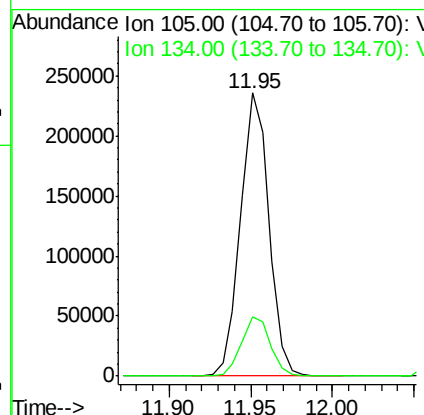
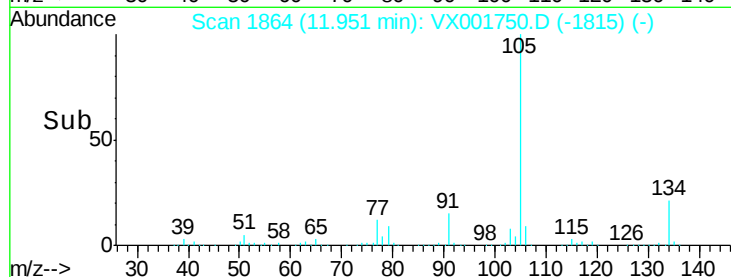
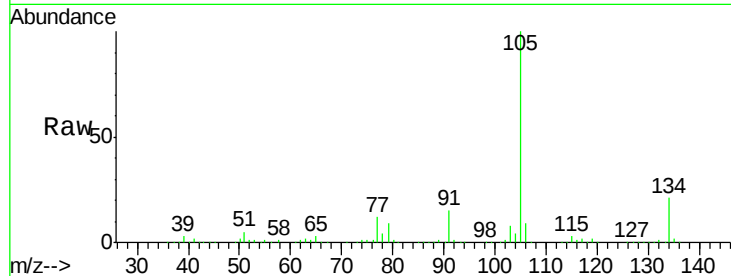
#85
 sec-Butylbenzene
 Concen: 20.56 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX001750.D
 Acq: 15 May 2018 17:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0515WBSD03

Tot Ion	Ratio	Resp	Lower	Upper
105	100	285589		
134	21.6	10.9	32.6	

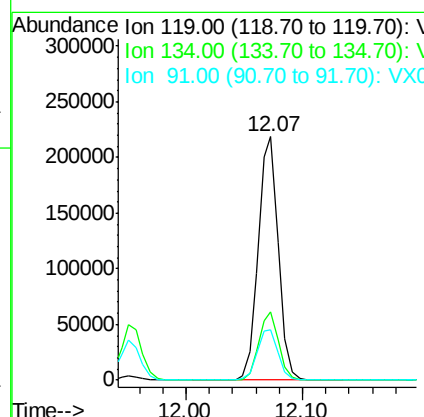
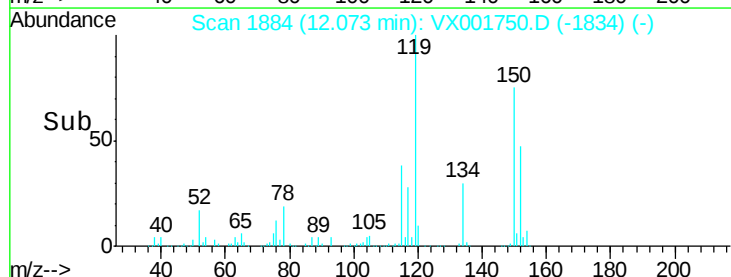
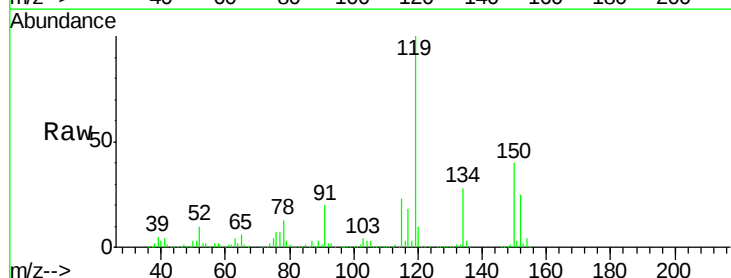
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#86
 p-Isopropyltoluene
 Concen: 20.41 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. 0.01 min
 Lab File: VX001750.D
 Acq: 15 May 2018 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	262395		
134	27.5	13.6	40.8	
91	21.4	10.7	32.1	





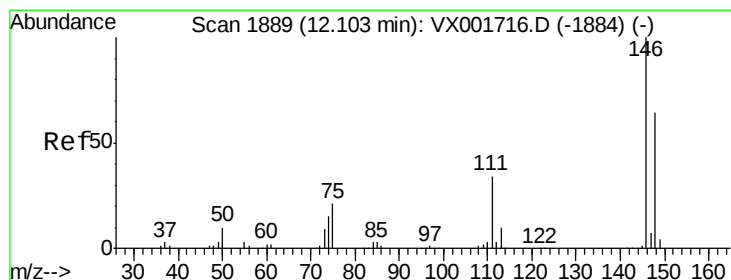
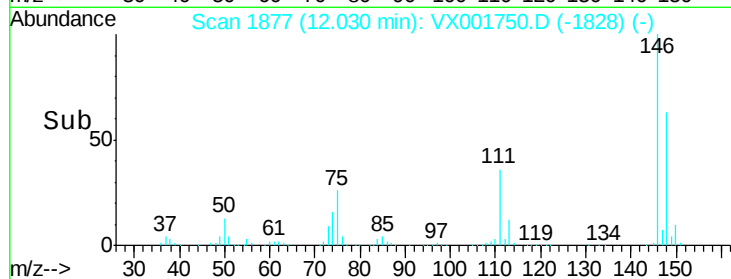
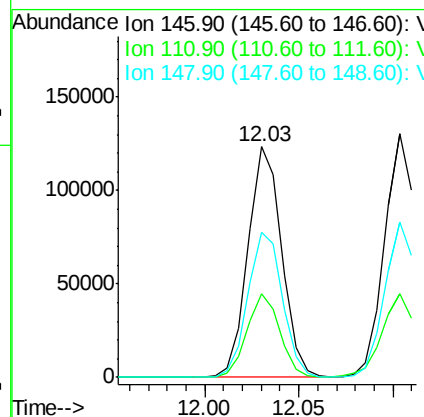
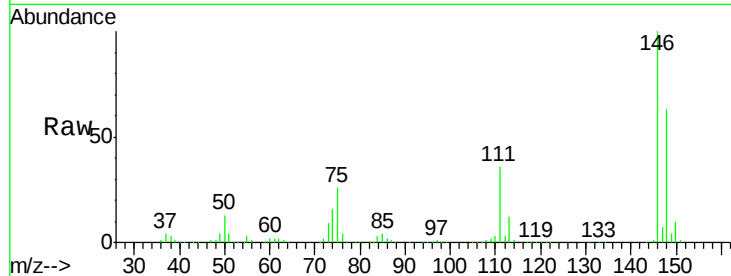
#87
 1,3-Dichlorobenzene
 Concen: 20.45 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX001750.D
 Acq: 15 May 2018 17:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0515WBSD03

Tot Ion	Ratio	Lower	Upper
146	100		
111	35.4	17.8	53.4
148	64.6	32.1	96.3

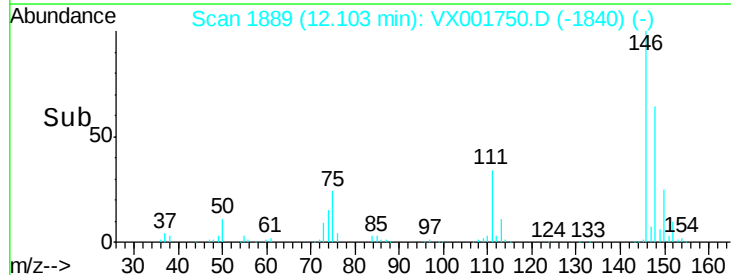
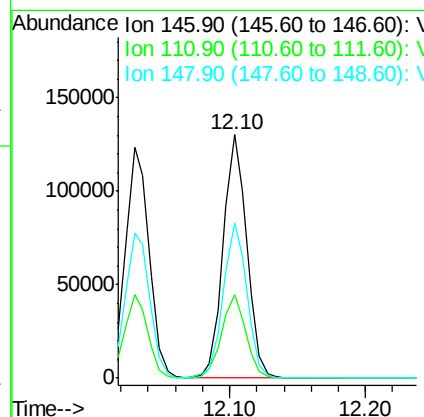
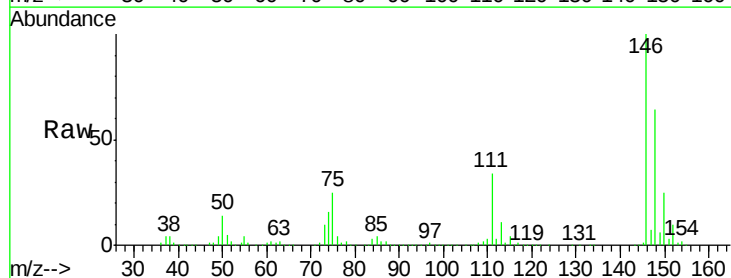
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#88
 1,4-Dichlorobenzene
 Concen: 20.22 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX001750.D
 Acq: 15 May 2018 17:22

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.5	17.3	52.0
148	63.8	32.3	96.9





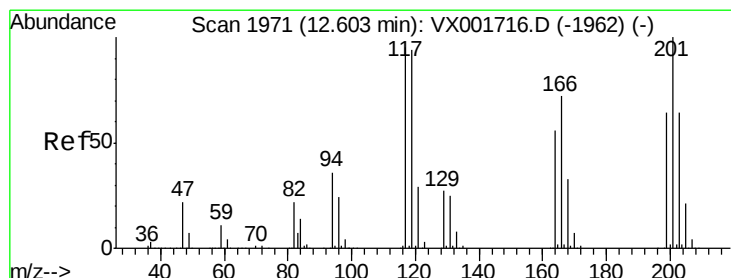
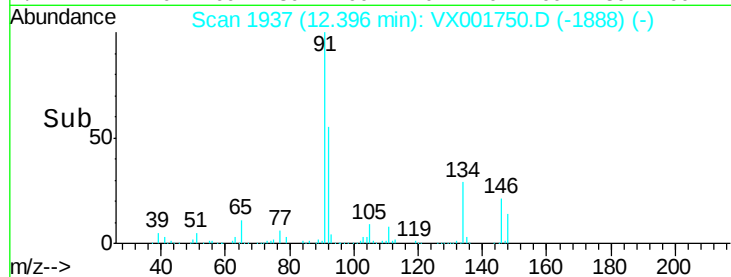
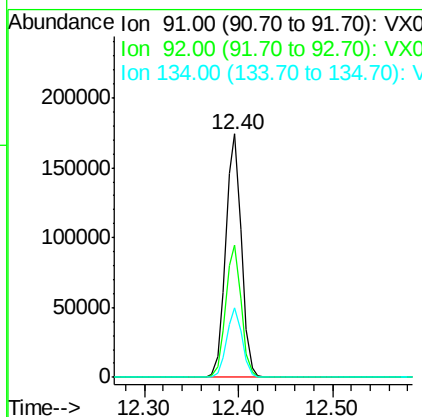
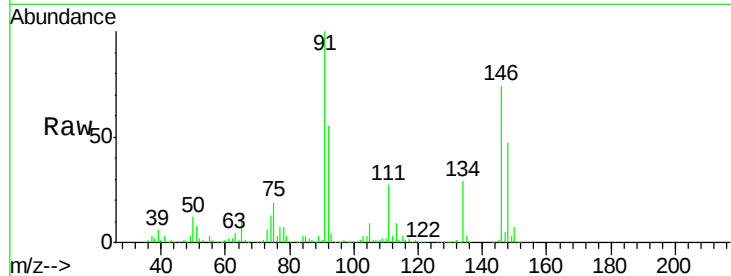
#89
n-Butylbenzene
Concen: 18.01 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX001750.D
Acq: 15 May 2018 17:22

Instrument :
MSVOA_X
ClientSampleId :
VX0515WBSD03

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.0	27.3	81.9
134	28.3	14.7	44.1

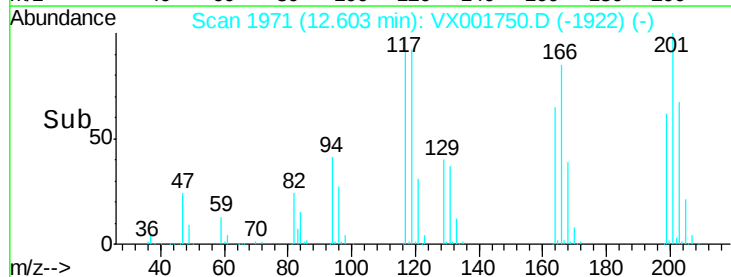
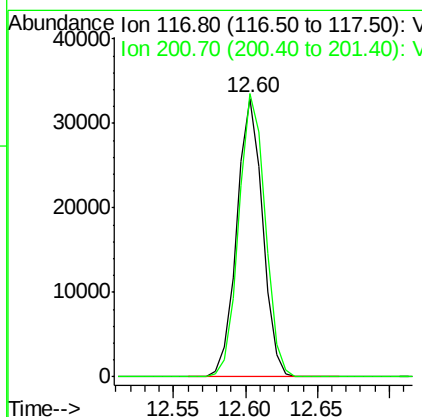
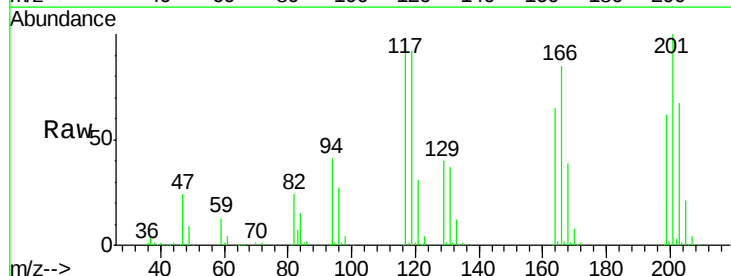
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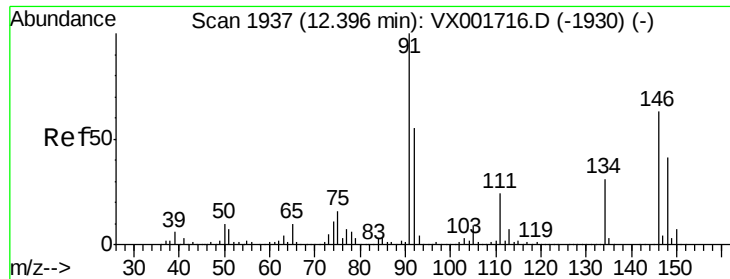
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#90
Hexachloroethane
Concen: 20.66 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX001750.D
Acq: 15 May 2018 17:22

Tgt Ion	Ratio	Lower	Upper
117	100		
201	103.0	51.9	155.7





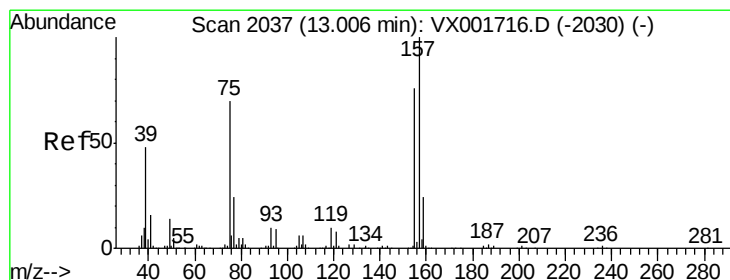
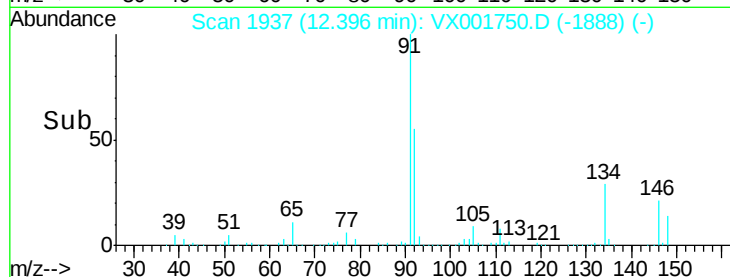
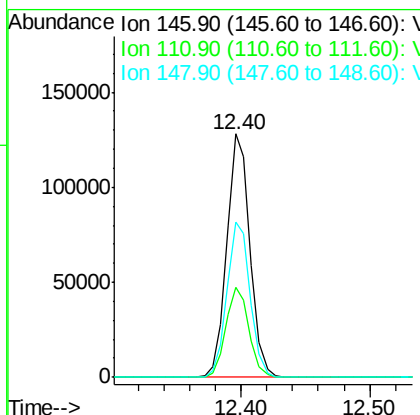
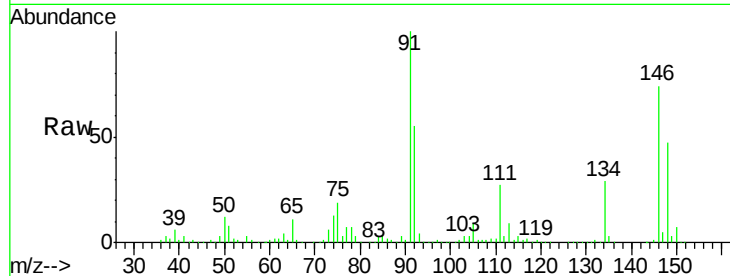
#91
 1,2-Dichlorobenzene
 Concen: 21.63 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX001750.D
 Acq: 15 May 2018 17:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0515WBSD03

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.6	56.0
148	64.0	32.4	97.0

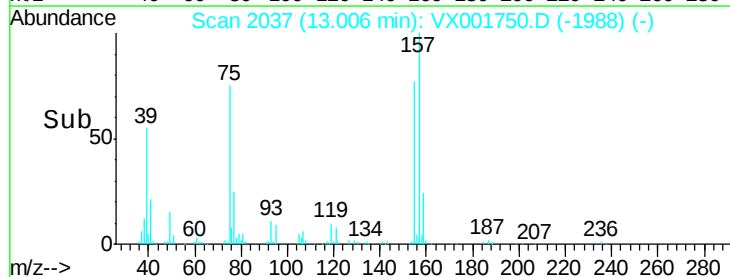
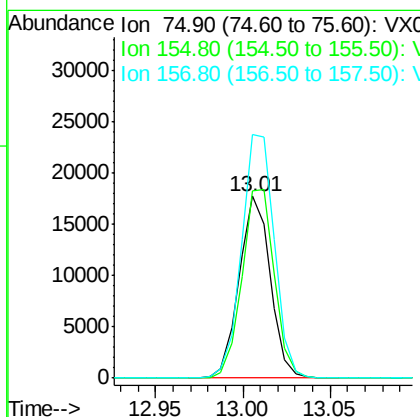
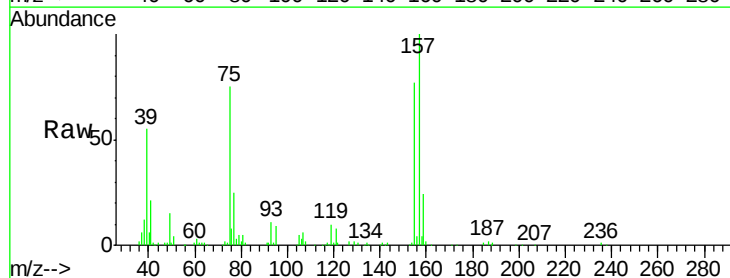
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 24.91 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX001750.D
 Acq: 15 May 2018 17:22

Tgt Ion	Ratio	Lower	Upper
75	100		
155	107.4	53.9	161.8
157	140.2	71.0	213.2





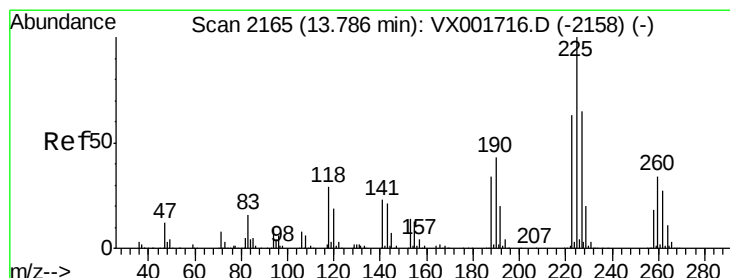
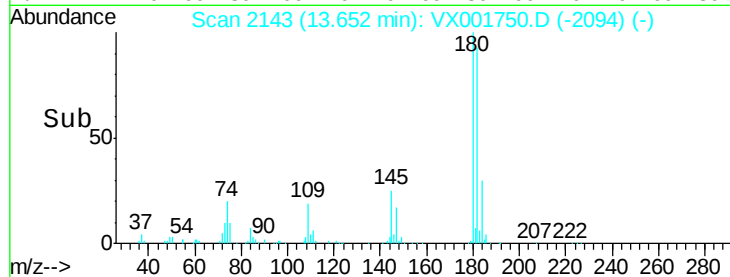
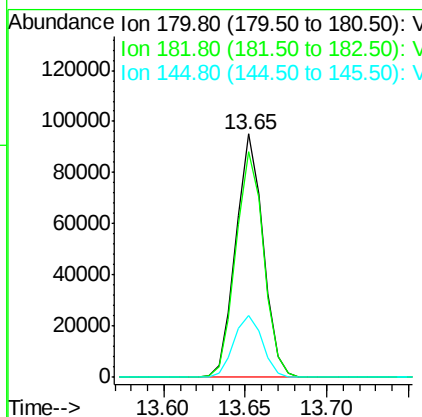
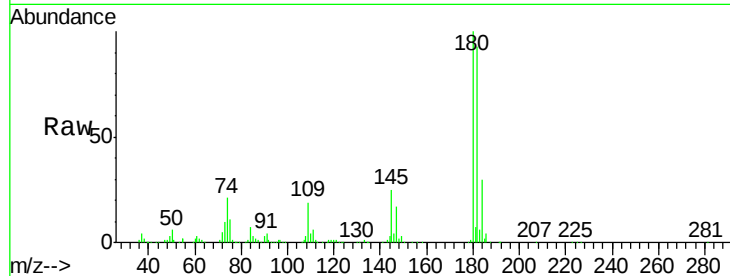
#93
 1,2,4-Trichlorobenzene
 Concen: 18.66 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX001750.D
 Acq: 15 May 2018 17:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0515WBSD03

Tot Ion	Ratio	Resp	Lower	Upper
180	100	111013		
182	94.6	47.6	142.9	
145	26.9	13.4	40.1	

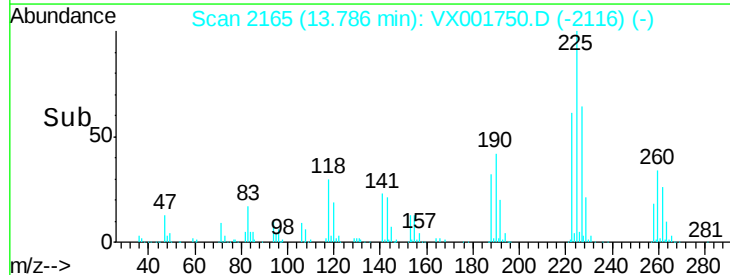
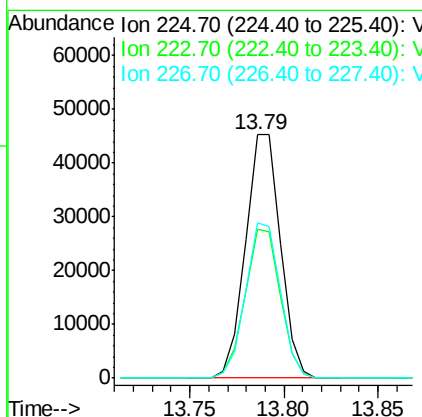
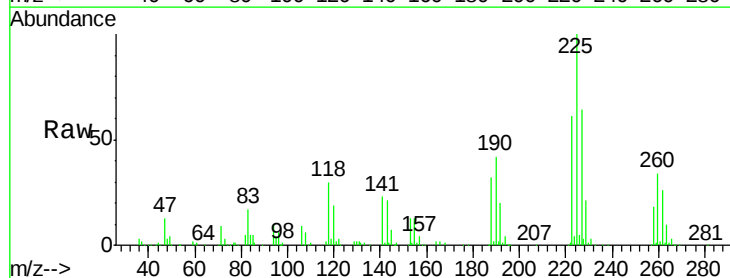
Manual Integrations
 APPROVED

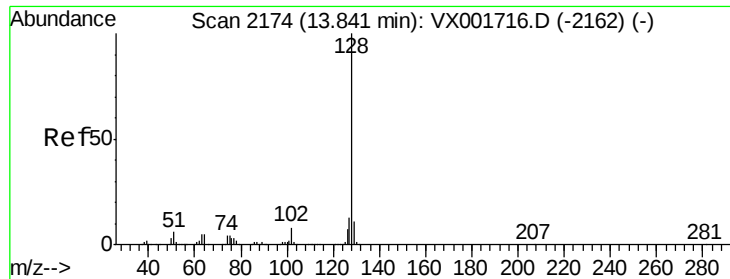
MMDadoda
 5/16/2018 11:54:16 AM



#94
 Hexachlorobutadiene
 Concen: 18.26 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX001750.D
 Acq: 15 May 2018 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	58327		
223	61.8	31.1	93.5	
227	63.5	31.9	95.5	





#95

Naphthalene

Concen: 22.05 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX001750.D

Acq: 15 May 2018 17:22

Instrument :

MSVOA_X

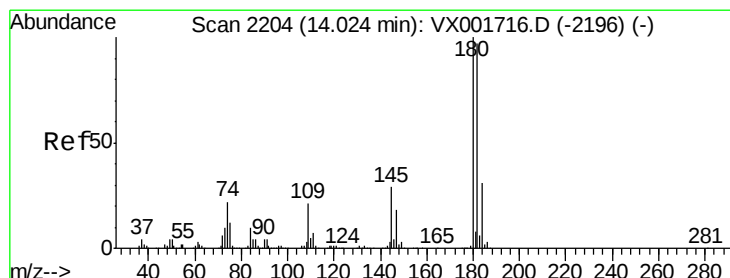
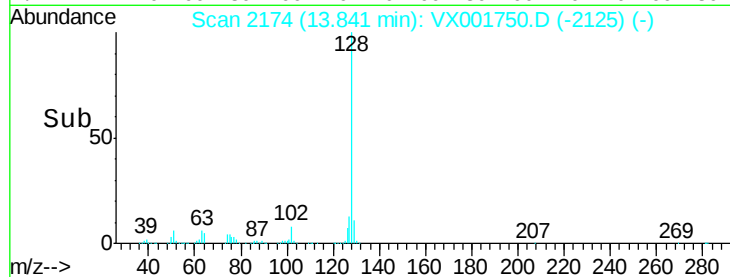
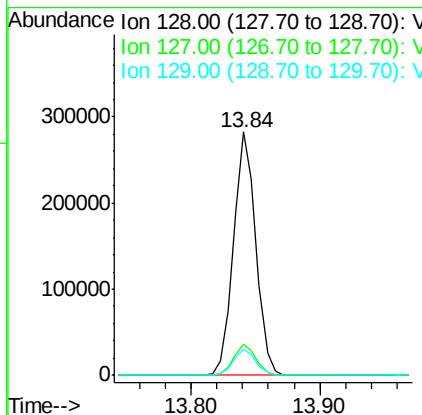
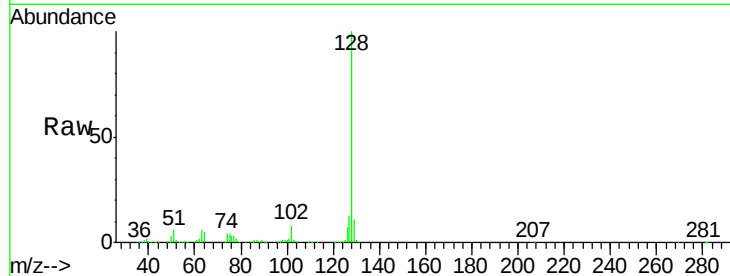
ClientSampleId :

VX0515WBSD03

Tot Ion:	128	Resp:	341016
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.2	15.4
129	10.7	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
5/16/2018 11:54:16 AM



#96

1,2,3-Trichlorobenzene

Concen: 19.92 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. 0.01 min

Lab File: VX001750.D

Acq: 15 May 2018 17:22

Tgt Ion:	180	Resp:	119344
Ion Ratio	Lower	Upper	
180	100		
182	95.9	47.9	143.7
145	28.7	14.2	42.8

