

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121418\
 Data File : VX006539.D
 Acq On : 15 Dec 2018 03:00
 Operator : JC/MD
 Sample : VX1214WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1214WBSD02

Manual Integrations
 APPROVED

MMDadoda
 12/17/2018 12:12:40 PM

Quant Time: Dec 15 05:46:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	541747	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	870629	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	800787	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	413527	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	299084	54.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.16%	
35) Dibromofluoromethane	5.50	113	273689	48.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.10%	
50) Toluene-d8	8.71	98	1015006	49.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.00%	
62) 4-Bromofluorobenzene	11.13	95	388160	50.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.48%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.20	85	103868	19.581 ug/l	96
3) Chloromethane	1.33	50	116222	21.321 ug/l	94
4) Vinyl Chloride	1.41	62	128816	21.957 ug/l	97
5) Bromomethane	1.64	94	127359	31.324 ug/l	98
6) Chloroethane	1.72	64	82638	22.973 ug/l	99
7) Trichlorofluoromethane	1.93	101	198112	21.999 ug/l	96
8) Diethyl Ether	2.19	74	77937	22.867 ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.39	101	109231	21.331 ug/l	99
10) Methyl Iodide	2.51	142	177796	23.039 ug/l	99
11) Tert butyl alcohol	3.07	59	168104	111.148 ug/l	100
12) 1,1-Dichloroethene	2.38	96	109844	22.408 ug/l	88
13) Acrolein	2.29	56	47202	57.101 ug/l	99
14) Allyl chloride	2.73	41	177532	18.333 ug/l	97
15) Acrylonitrile	3.15	53	343239	108.755 ug/l	98
16) Acetone	2.45	43	279772	107.797 ug/l	96
17) Carbon Disulfide	2.57	76	268277	17.760 ug/l	99
18) Methyl Acetate	2.78	43	192381	22.165 ug/l	95
19) Methyl tert-butyl Ether	3.20	73	383324	21.920 ug/l	98
20) Methylene Chloride	2.86	84	126376	22.879 ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	117633	22.518 ug/l	93
22) Diisopropyl ether	3.87	45	344492	22.776 ug/l	94
23) Vinyl Acetate	3.82	43	1349425	104.602 ug/l	98
24) 1,1-Dichloroethane	3.70	63	195296	22.590 ug/l	99
25) 2-Butanone	4.70	43	412862	111.487 ug/l	99
26) 2,2-Dichloropropane	4.59	77	119447	14.971 ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	134024	23.000 ug/l	96
28) Bromochloromethane	5.02	49	77073	20.410 ug/l	100
29) Tetrahydrofuran	5.16	42	282178	109.638 ug/l	97
30) Chloroform	5.21	83	210136	23.130 ug/l	97
31) Cyclohexane	5.58	56	173598	21.728 ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	181968	21.051 ug/l	98
36) 1,1-Dichloropropene	5.80	75	155470	21.206 ug/l	100
37) Ethyl Acetate	4.85	43	162352	19.774 ug/l	97
38) Carbon Tetrachloride	5.79	117	153631	17.812 ug/l	98

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Quant Time: Dec 15 05:46:29 2018
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	188522	19.810	ug/l	99
40) Benzene	6.15	78	480535	21.884	ug/l	100
41) Methacrylonitrile	5.06	41	89205	19.745	ug/l	97
42) 1,2-Dichloroethane	6.20	62	158902	22.111	ug/l	99
43) Isopropyl Acetate	6.46	43	252719	18.461	ug/l	99
44) Trichloroethene	7.21	130	139817	21.018	ug/l	95
45) 1,2-Dichloropropane	7.52	63	116665	20.904	ug/l	98
46) Dibromomethane	7.66	93	86058	21.351	ug/l	94
47) Bromodichloromethane	7.90	83	138648	17.763	ug/l	98
48) Methyl methacrylate	7.77	41	129312	19.417	ug/l	97
49) 1,4-Dioxane	7.75	88	70981	432.453	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	815810	102.372	ug/l	97
52) Toluene	8.79	92	315728	21.855	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	147086	16.113	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	164956	17.403	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	130736	22.276	ug/l	99
56) Ethyl methacrylate	9.18	69	187362	20.421	ug/l	96
57) 1,3-Dichloropropane	9.37	76	205445	22.137	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	448900	96.414	ug/l	100
59) 2-Hexanone	9.49	43	629896	103.459	ug/l	99
60) Dibromochloromethane	9.59	129	121415	16.777	ug/l	98
61) 1,2-Dibromoethane	9.67	107	139720	21.291	ug/l	100
64) Tetrachloroethene	9.34	164	137696	22.833	ug/l	96
65) Chlorobenzene	10.14	112	365960	21.528	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	118674	17.968	ug/l	97
67) Ethyl Benzene	10.25	91	603456	21.344	ug/l	99
68) m/p-Xylenes	10.36	106	486374	42.946	ug/l	98
69) o-Xylene	10.70	106	239405	21.401	ug/l	100
70) Styrene	10.71	104	381212	21.070	ug/l	100
71) Bromoform	10.86	173	84936	13.623	ug/l #	98
73) Isopropylbenzene	11.02	105	628853	22.020	ug/l	99
74) N-amyl acetate	10.90	43	226768	18.440	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.27	83	192218	21.039	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	173590m	21.748	ug/l	
77) Bromobenzene	11.26	156	168888	21.310	ug/l	98
78) n-propylbenzene	11.36	91	686063	21.612	ug/l	100
79) 2-Chlorotoluene	11.42	91	411321	21.800	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	515550	21.698	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	40861	12.014	ug/l #	78
82) 4-Chlorotoluene	11.51	91	472981	21.561	ug/l	100
83) tert-Butylbenzene	11.77	119	530758	20.936	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	536397	21.862	ug/l	99
85) sec-Butylbenzene	11.94	105	630051	21.845	ug/l	100
86) p-Isopropyltoluene	12.06	119	554528	21.352	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	303014	21.487	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	303288	21.190	ug/l	98
89) n-Butylbenzene	12.39	91	455392	20.551	ug/l	99
90) Hexachloroethane	12.60	117	79548	15.029	ug/l	93
91) 1,2-Dichlorobenzene	12.39	146	305162	21.804	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	36603	15.629	ug/l	96

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ALS Vial : 34 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VX1214WBSD02

Manual Integrations
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Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	204105	19.989	ug/l	100
94) Hexachlorobutadiene	13.78	225	89871	19.902	ug/l	98
95) Naphthalene	13.83	128	659410	20.761	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	205196	20.290	ug/l	98

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

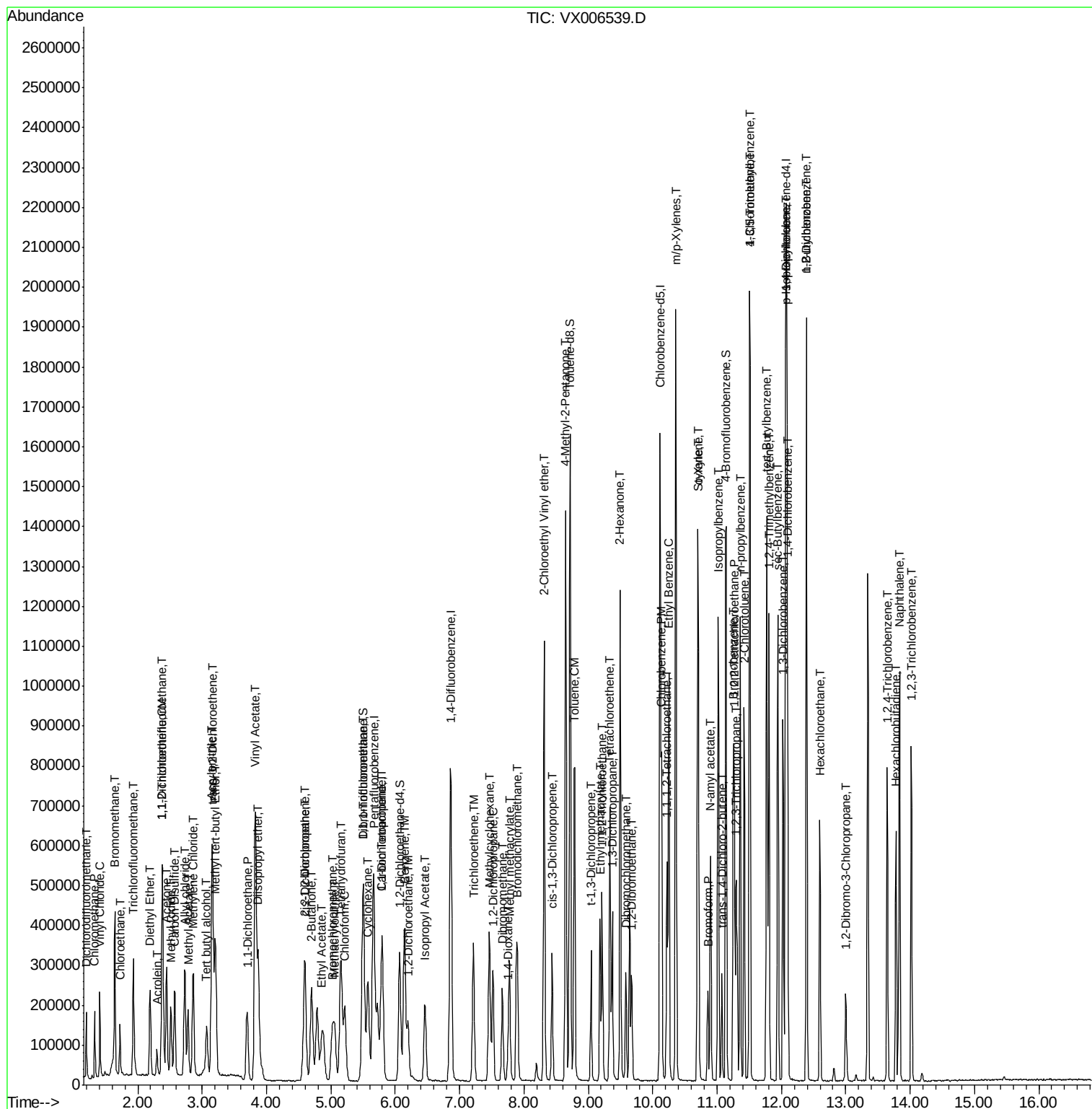
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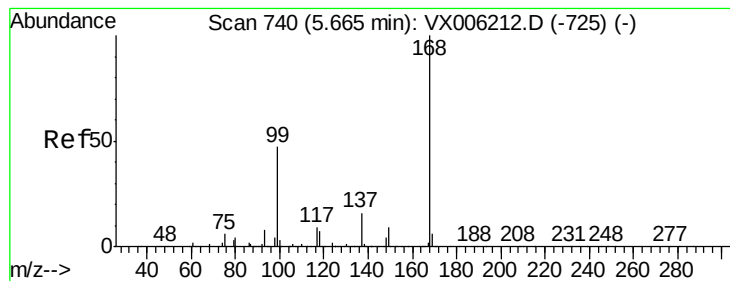
Instrument :
 MSVOA_X
 Client Sampled :
 VX1214WBSD02

Manual Integrations
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MMDadoda
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 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006539.D

Acq: 15 Dec 2018 03:00

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBSD02

Tgt Ion:168 Resp: 541747

Ion Ratio Lower Upper

168 100

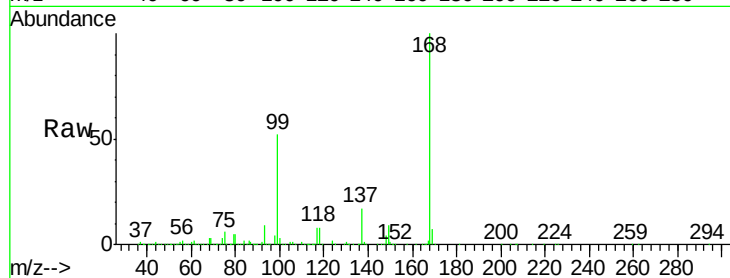
99 51.6 37.8 56.8

Manual Integrations

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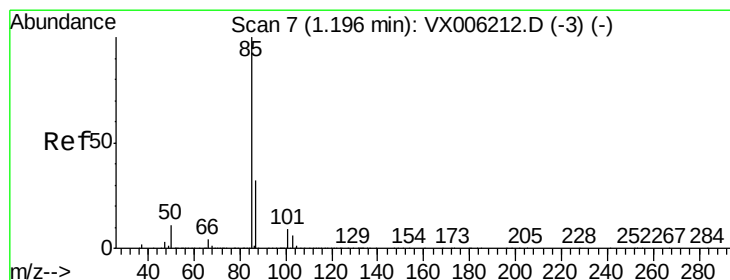
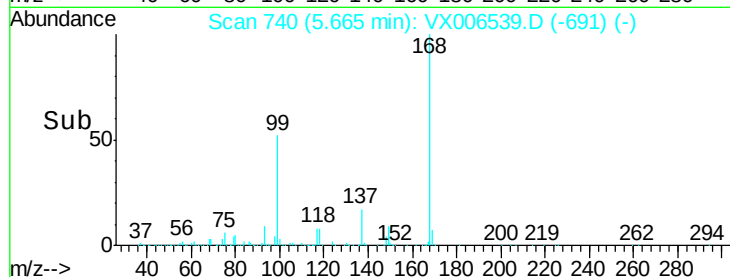
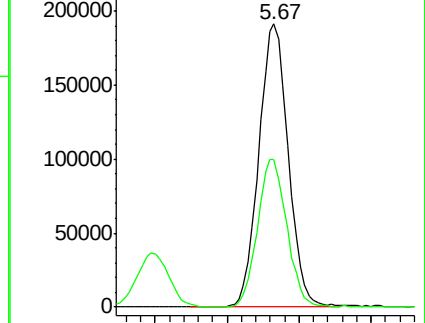
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 19.581 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX006539.D

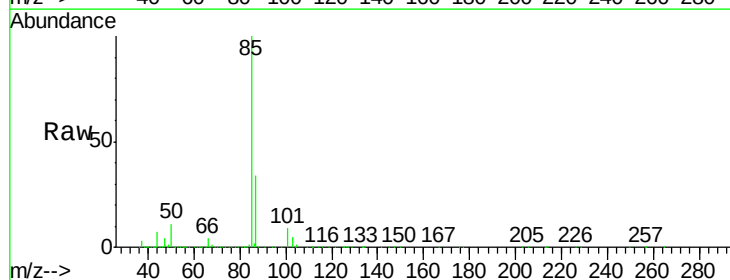
Acq: 15 Dec 2018 03:00

Tgt Ion: 85 Resp: 103868

Ion Ratio Lower Upper

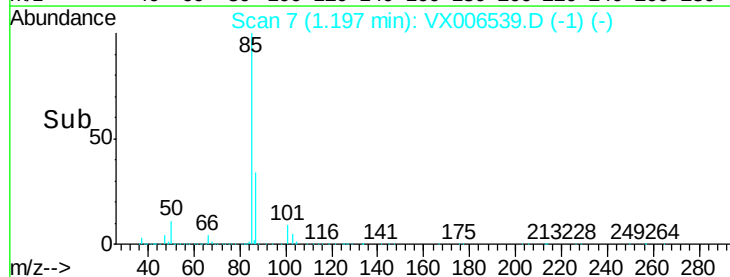
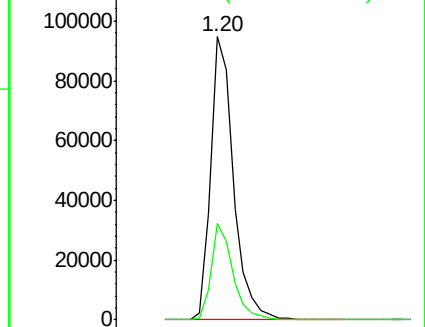
85 100

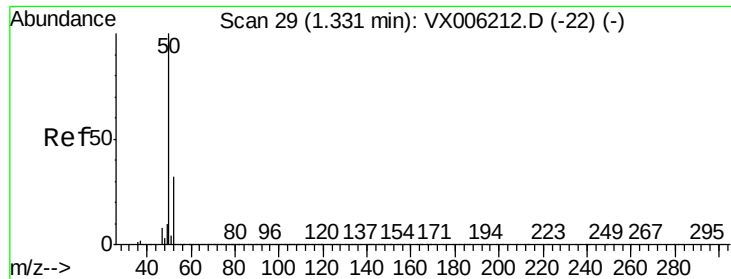
87 34.2 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 21.321 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX006539.D

Acq: 15 Dec 2018 03:00

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBSD02

Tgt Ion: 50 Resp: 116222

Ion Ratio Lower Upper

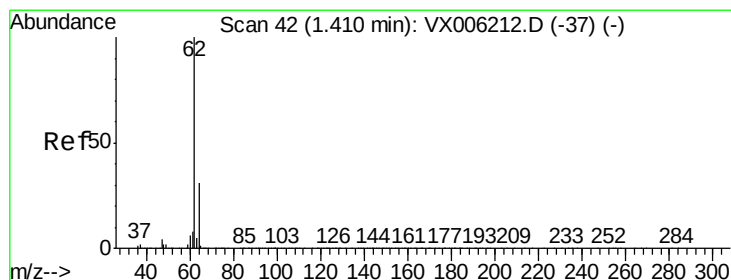
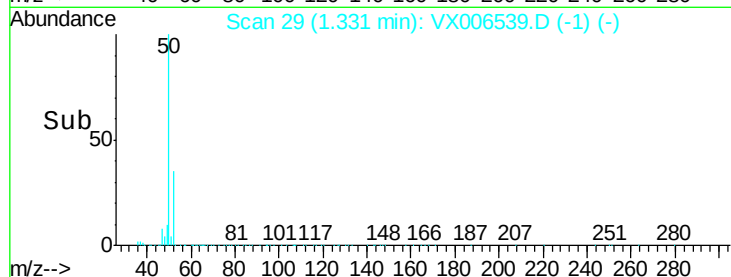
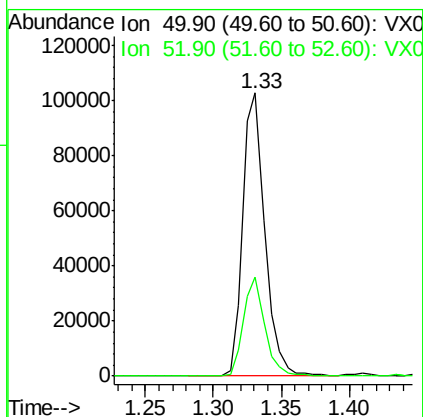
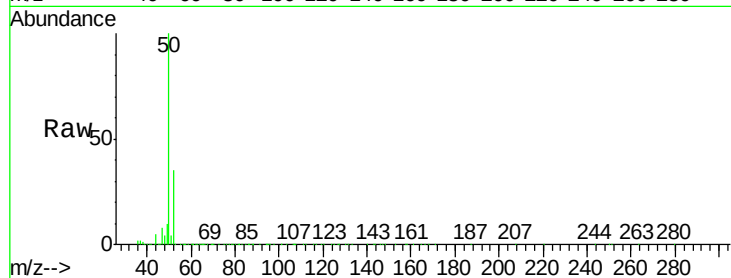
50 100

52 34.6 25.2 37.8

Manual Integrations
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#4

Vinyl Chloride

Concen: 21.957 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX006539.D

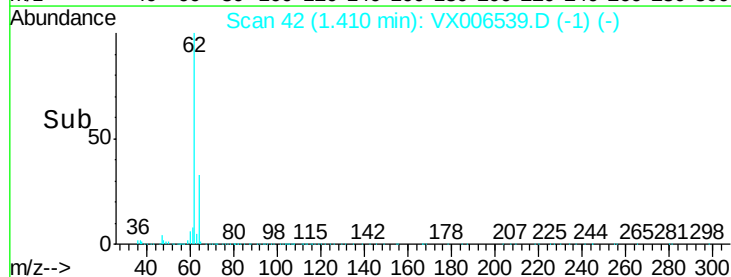
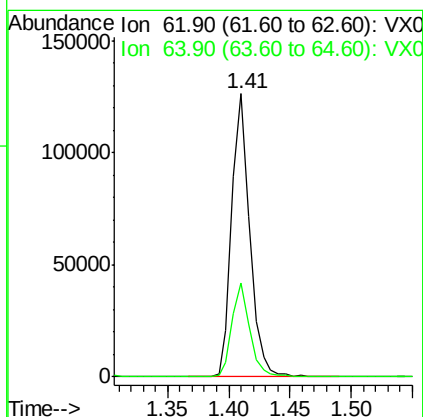
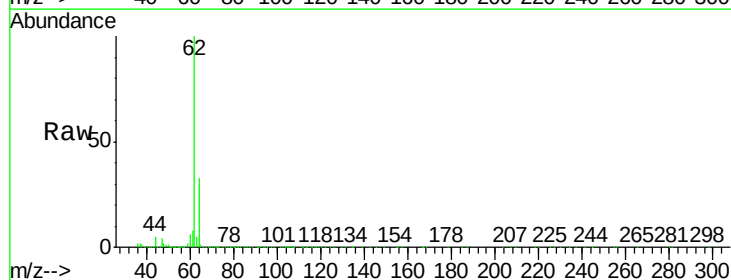
Acq: 15 Dec 2018 03:00

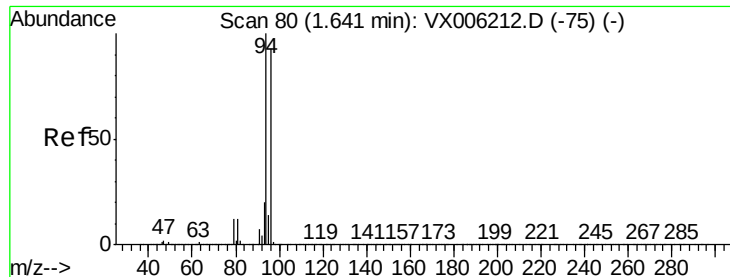
Tgt Ion: 62 Resp: 128816

Ion Ratio Lower Upper

62 100

64 32.8 24.9 37.3





#5

Bromomethane

Concen: 31.324 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006539.D

Acq: 15 Dec 2018 03:00

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBSD02

Tgt Ion: 94 Resp: 127359

Ion Ratio Lower Upper

94 100

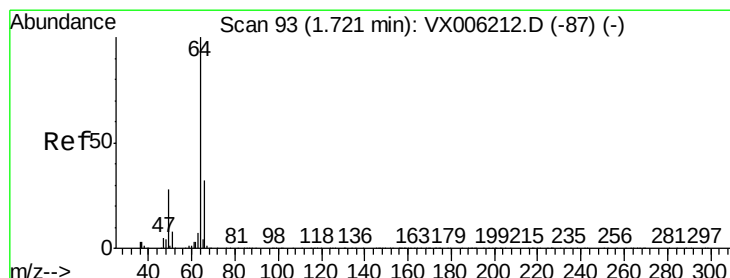
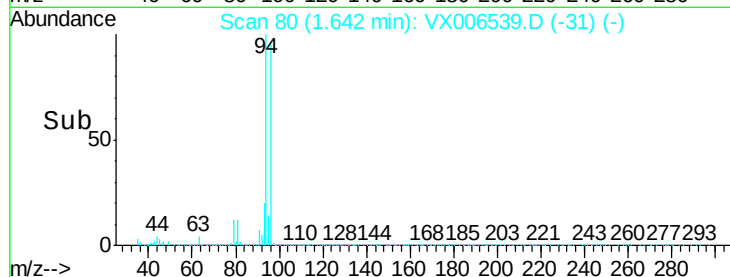
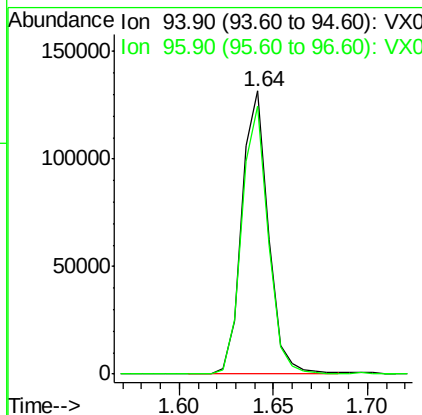
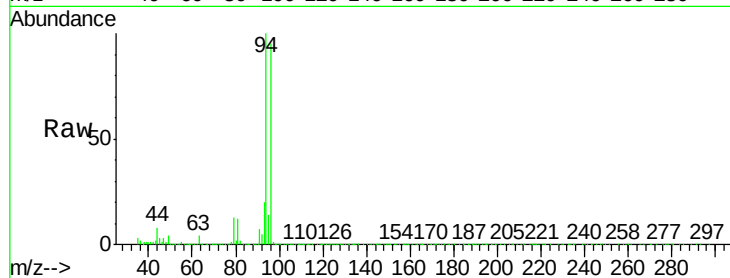
96 94.9 74.5 111.7

Manual Integrations

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#6

Chloroethane

Concen: 22.973 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.00 min

Lab File: VX006539.D

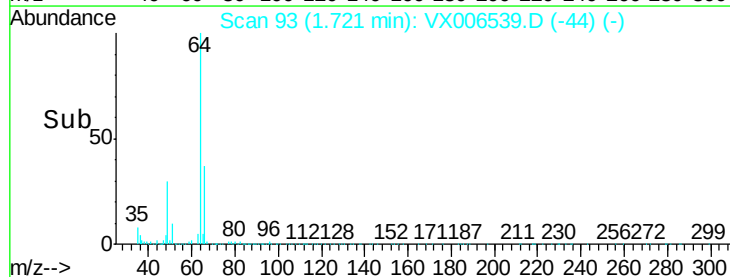
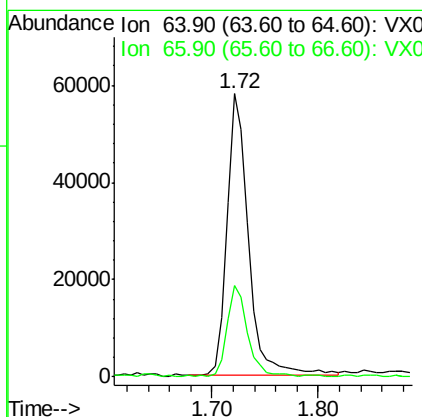
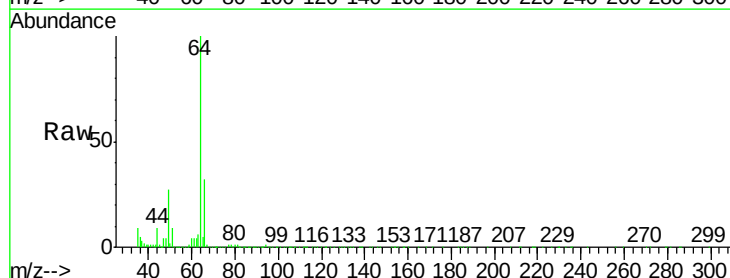
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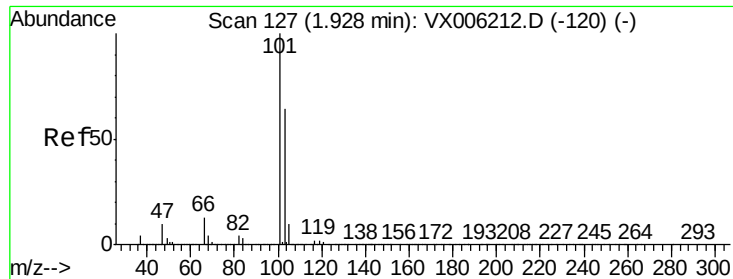
Tgt Ion: 64 Resp: 82638

Ion Ratio Lower Upper

64 100

66 31.9 25.9 38.9





#7

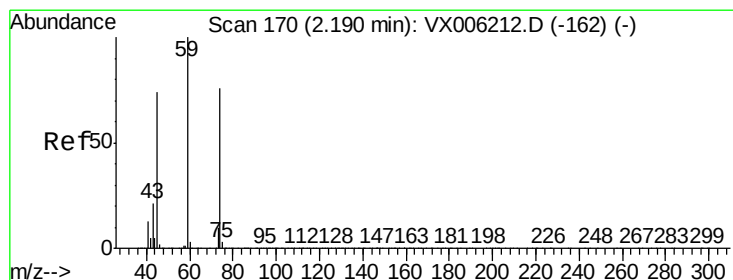
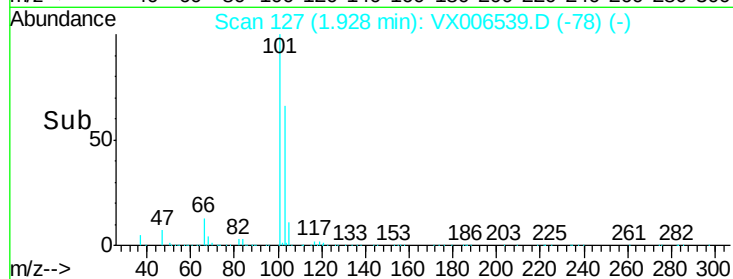
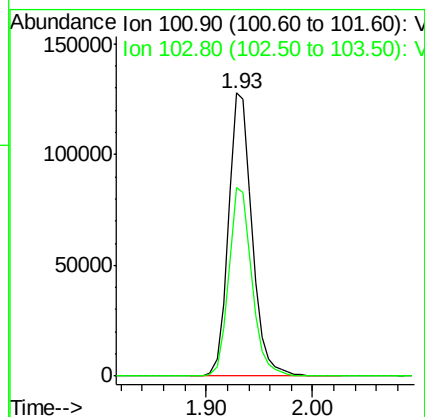
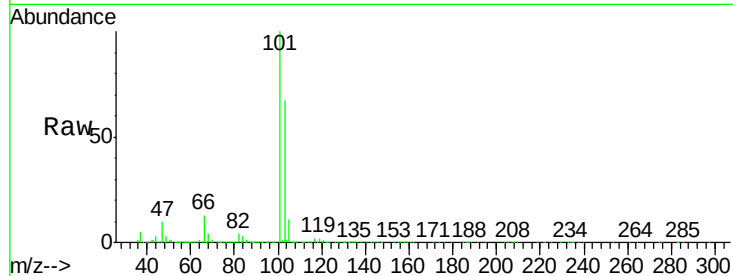
Trichlorofluoromethane
Concen: 21.999 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX006539.D
Acq: 15 Dec 2018 03:00

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBSD02

Tgt Ion	Ratio	Resp	Lower	Upper
101	100	198112		
103	66.6	51.0	76.4	

Manual Integrations
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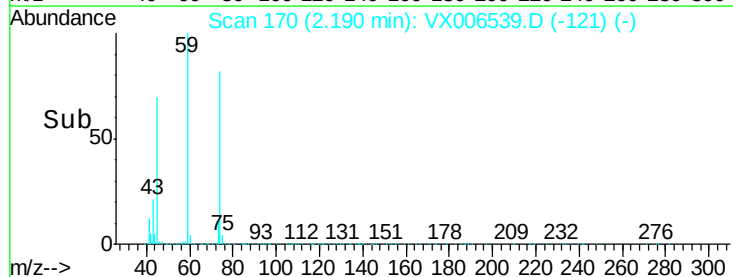
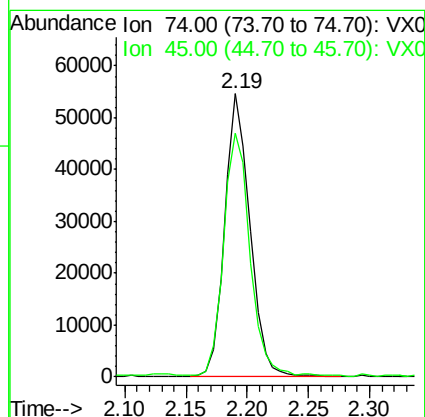
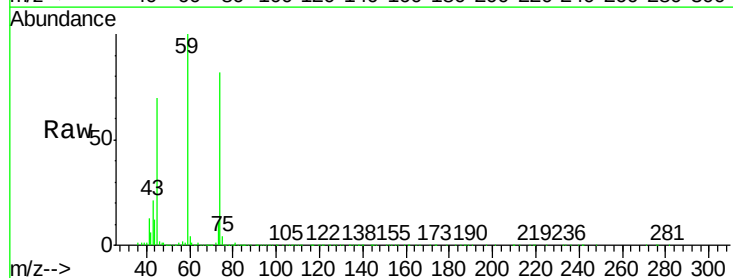
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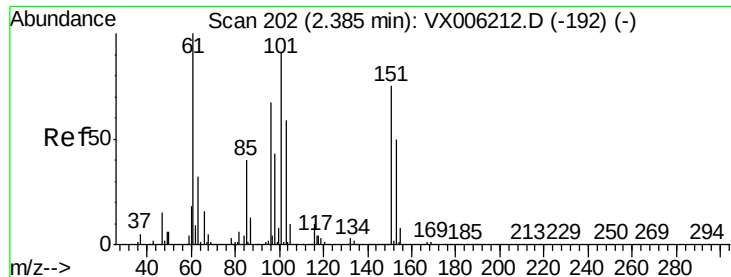


#8

Diethyl Ether
Concen: 22.867 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006539.D
Acq: 15 Dec 2018 03:00

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	77937		
45	88.9	49.5	148.7	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.331 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX006539.D

Acq: 15 Dec 2018 03:00

Instrument :

MSVOA_X

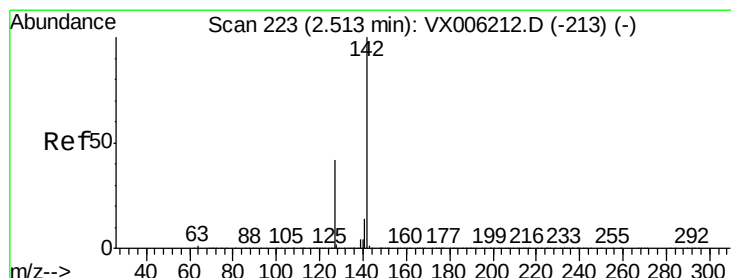
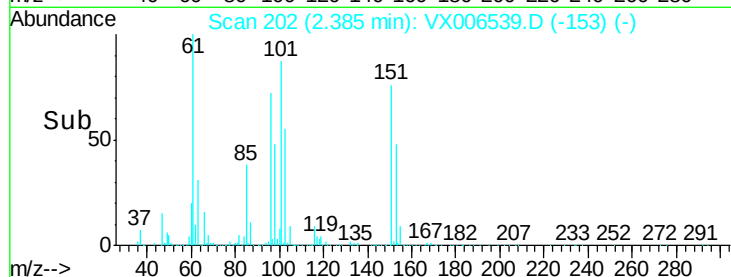
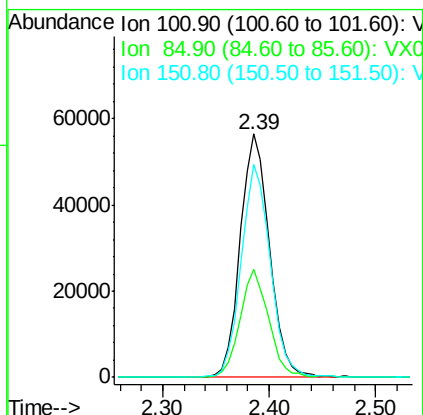
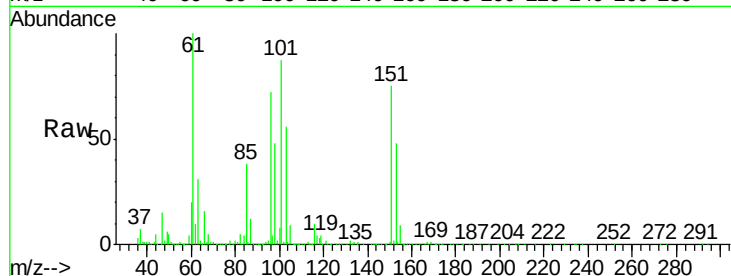
ClientSampleId :

VX1214WBSD02

Tgt Ion:	101	Resp:	109231
Ion Ratio	Lower	Upper	
101	100		
85	43.4	35.5	53.3
151	87.0	68.6	103.0

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#10

Methyl Iodide

Concen: 23.039 ug/l

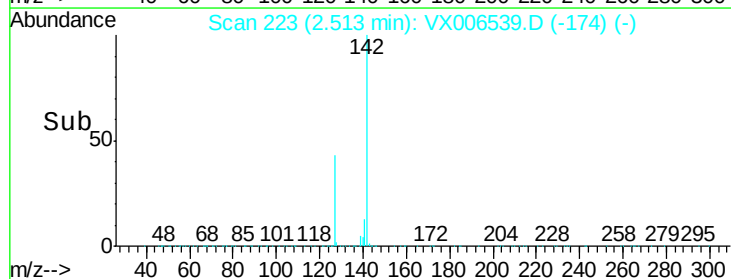
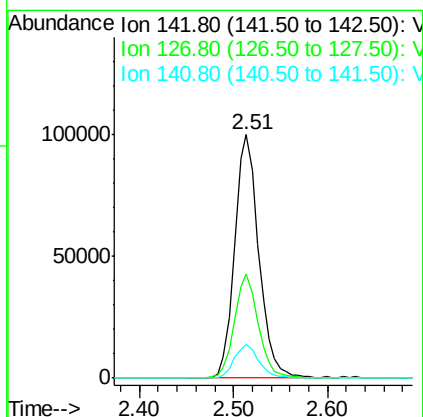
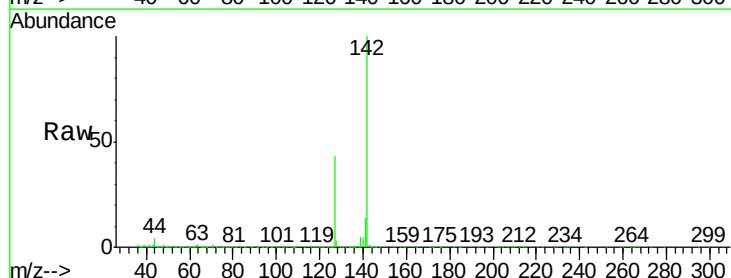
RT: 2.51 min Scan# 223

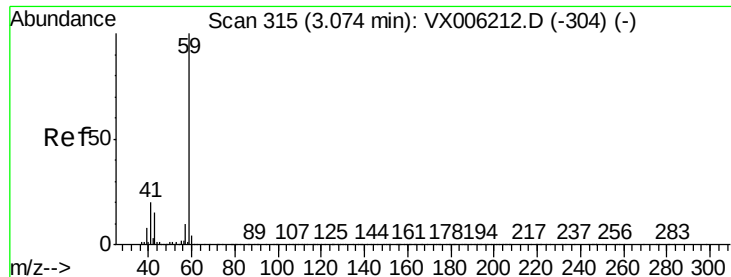
Delta R.T. 0.00 min

Lab File: VX006539.D

Acq: 15 Dec 2018 03:00

Tgt Ion:	142	Resp:	177796
Ion Ratio	Lower	Upper	
142	100		
127	42.5	34.8	52.2
141	14.1	11.4	17.2





#11

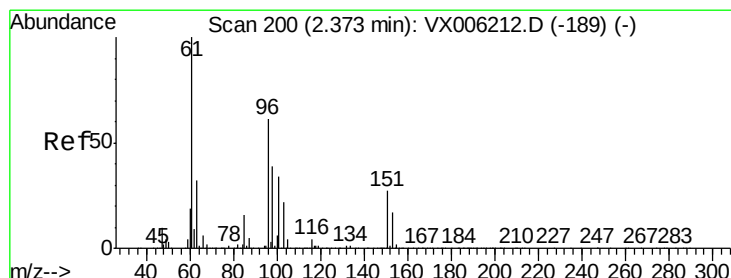
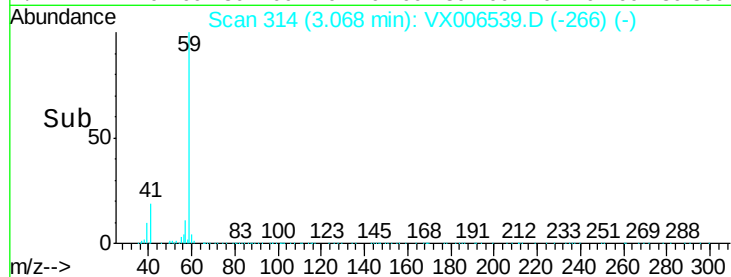
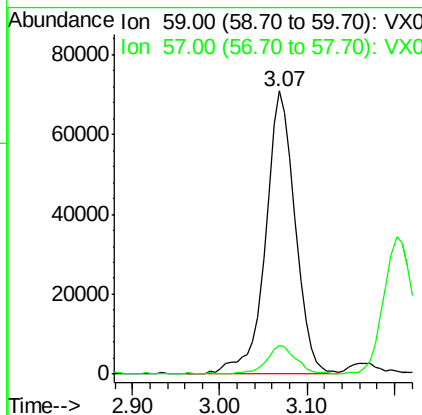
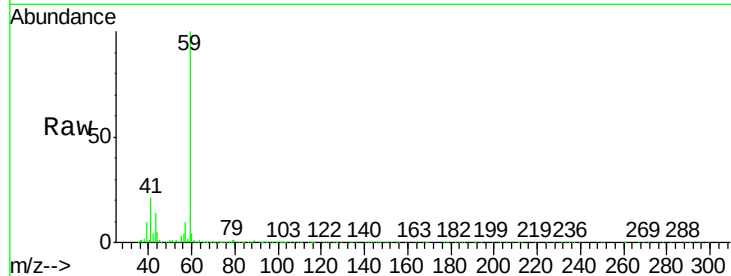
Tert butyl alcohol
Concen: 111.148 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX006539.D
Acq: 15 Dec 2018 03:00

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBSD02

Tgt Ion: 59 Resp: 168104
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.2

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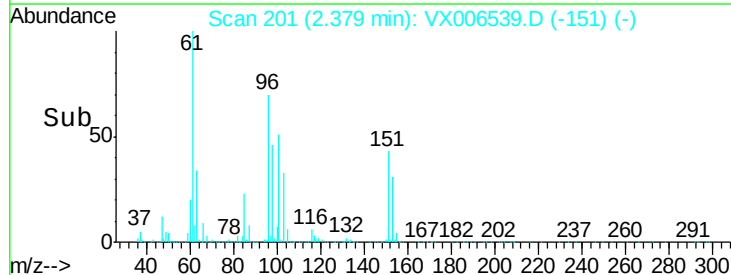
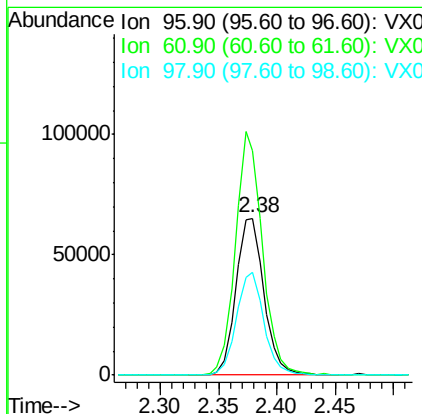
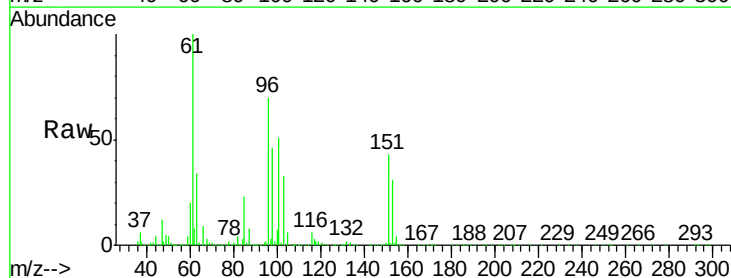
MMDadoda
12/17/2018 12:12:40 PM

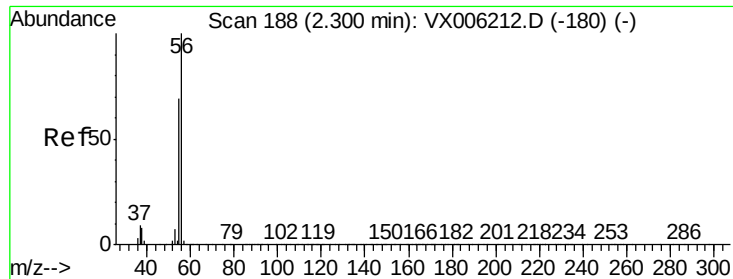


#12

1,1-Dichloroethene
Concen: 22.408 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX006539.D
Acq: 15 Dec 2018 03:00

Tgt Ion: 96 Resp: 109844
Ion Ratio Lower Upper
96 100
61 142.5 131.7 197.5
98 65.6 51.8 77.6





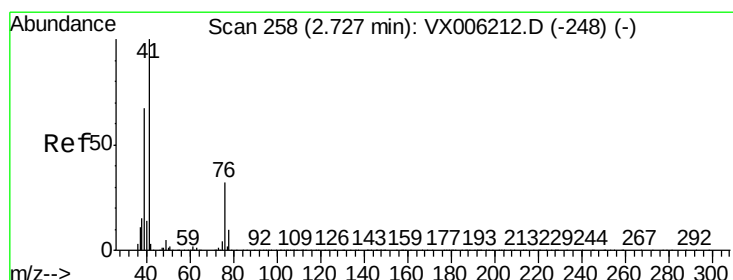
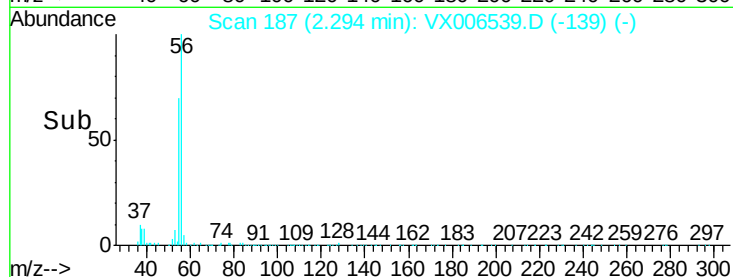
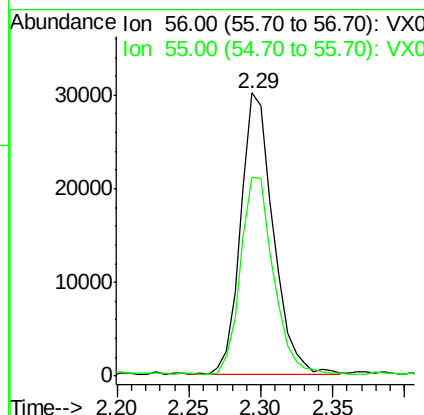
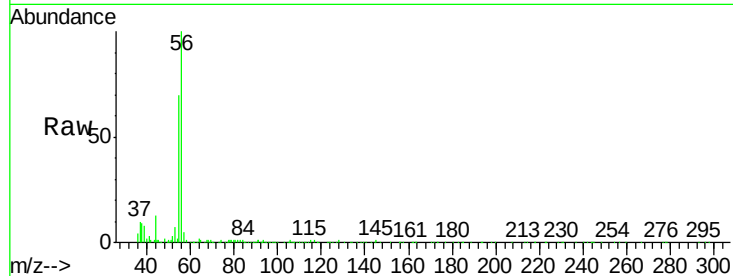
#13
Acrolein
Concen: 57.101 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.01 min
Lab File: VX006539.D
Acq: 15 Dec 2018 03:00

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBSD02

Tgt Ion: 56 Resp: 47202
Ion Ratio Lower Upper
56 100
55 71.1 57.8 86.6

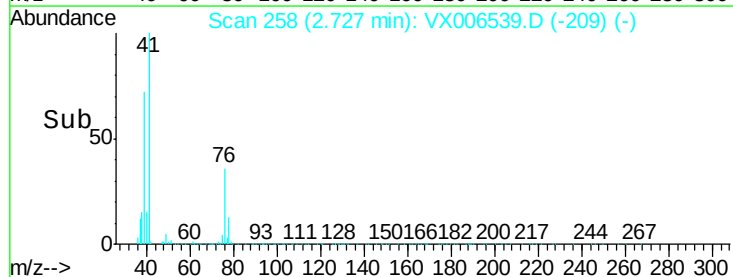
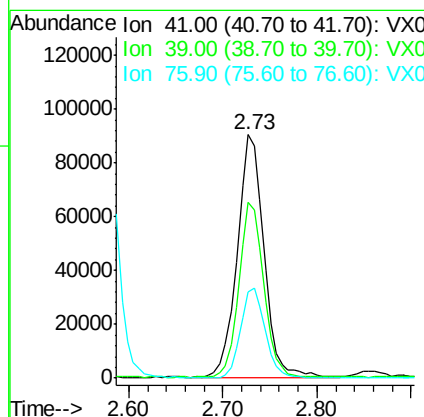
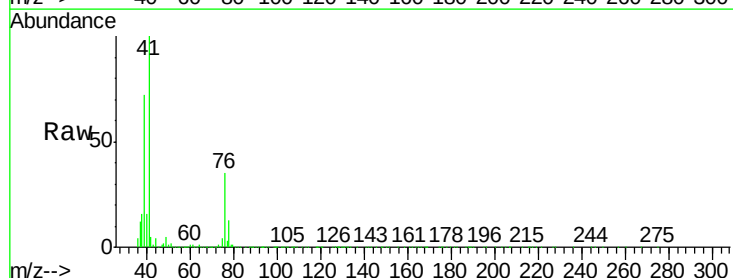
Manual Integrations
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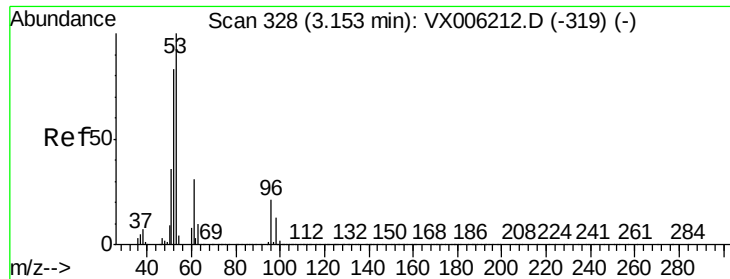
MMDadoda
12/17/2018 12:12:40 PM



#14
Allyl chloride
Concen: 18.333 ug/l
RT: 2.73 min Scan# 258
Delta R.T. 0.00 min
Lab File: VX006539.D
Acq: 15 Dec 2018 03:00

Tgt Ion: 41 Resp: 177532
Ion Ratio Lower Upper
41 100
39 67.1 52.4 78.6
76 33.9 25.4 38.0





#15

Acrylonitrile

Concen: 108.755 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX006539.D

Acq: 15 Dec 2018 03:00

Instrument :

MSVOA_X

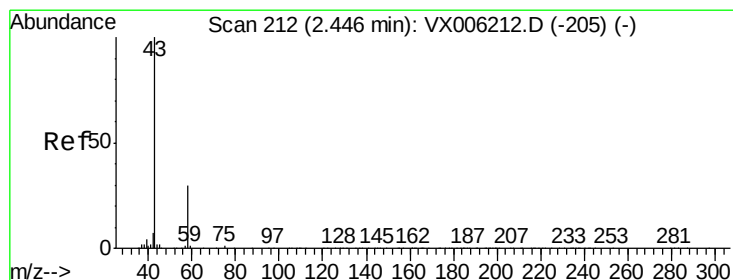
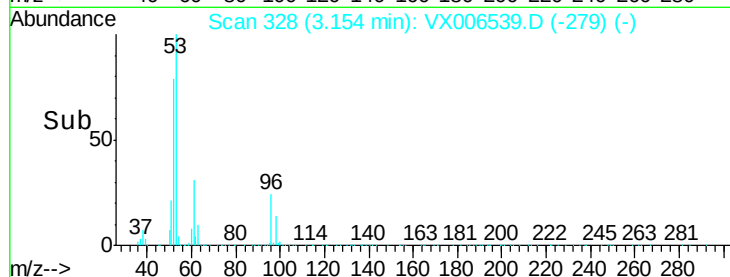
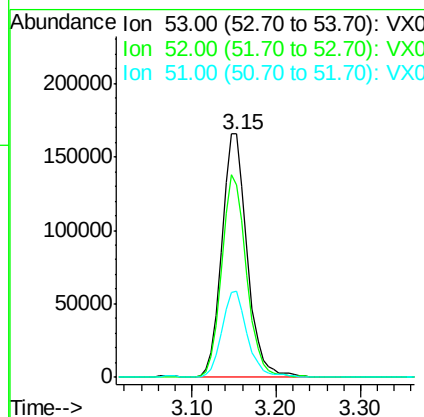
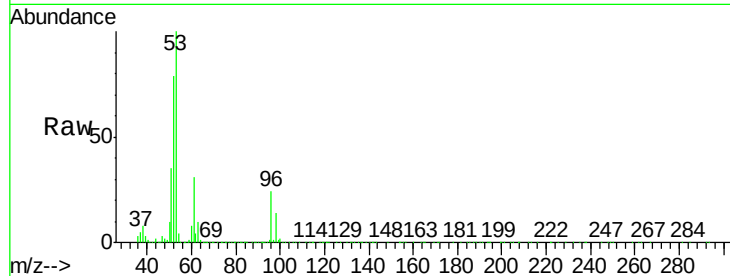
ClientSampleId :

VX1214WBSD02

Tgt Ion:	53	Resp:	343239
Ion	Ratio	Lower	Upper
53	100		
52	81.0	66.2	99.4
51	35.2	28.7	43.1

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#16

Acetone

Concen: 107.797 ug/l

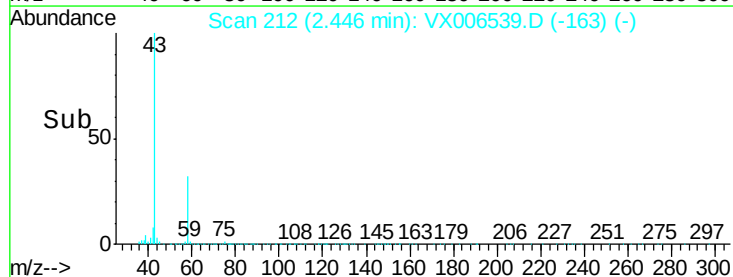
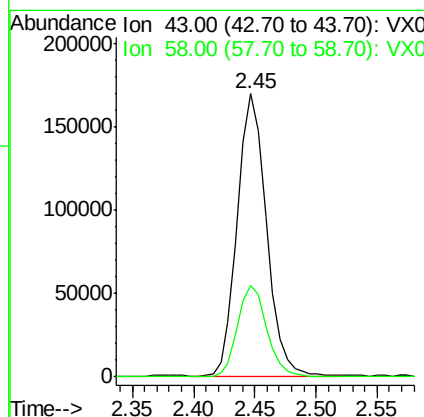
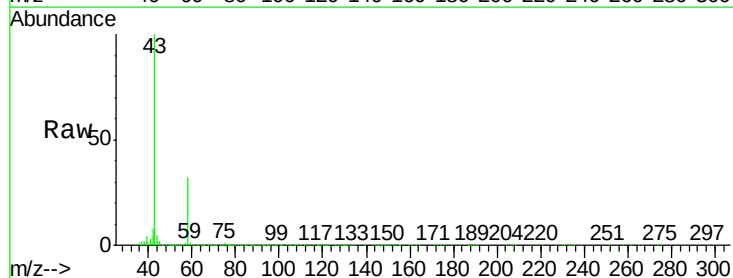
RT: 2.45 min Scan# 212

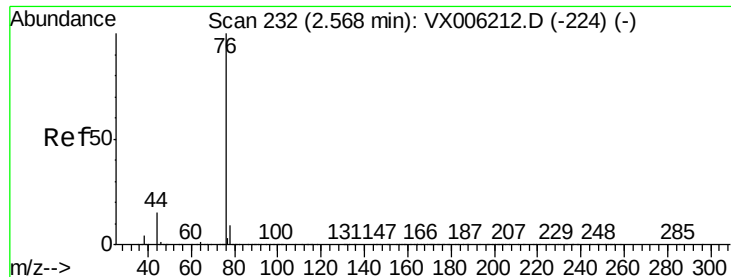
Delta R.T. 0.00 min

Lab File: VX006539.D

Acq: 15 Dec 2018 03:00

Tgt Ion:	43	Resp:	279772
Ion	Ratio	Lower	Upper
43	100		
58	32.0	24.0	36.0





#17

Carbon Disulfide

Concen: 17.760 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX006539.D

Acq: 15 Dec 2018 03:00

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBSD02

Tgt Ion: 76 Resp: 268277

Ion Ratio Lower Upper

76 100

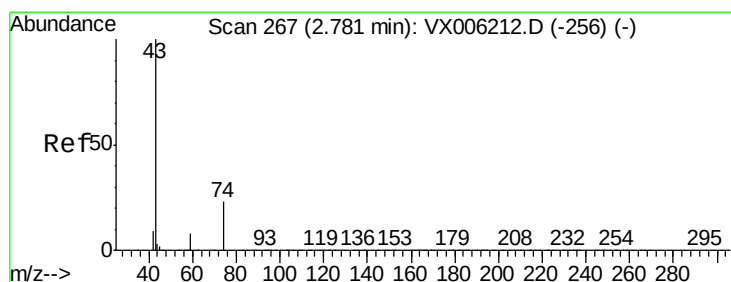
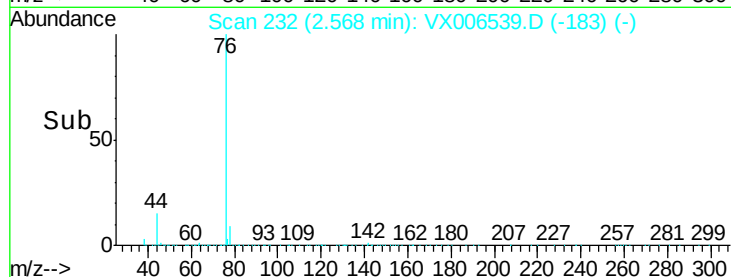
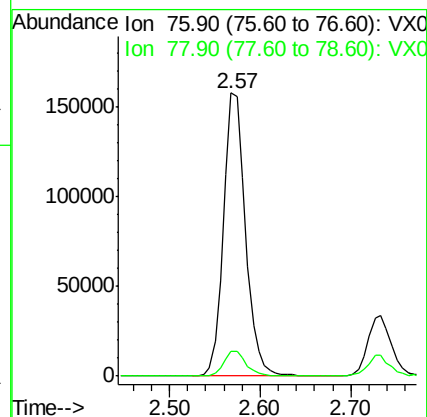
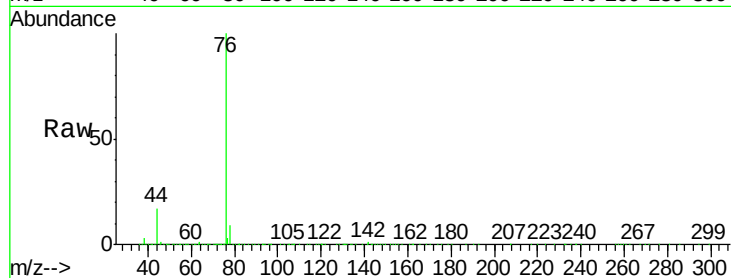
78 8.7 7.1 10.7

Manual Integrations

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#18

Methyl Acetate

Concen: 22.165 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX006539.D

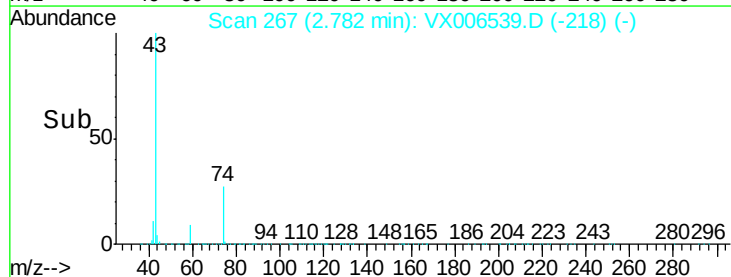
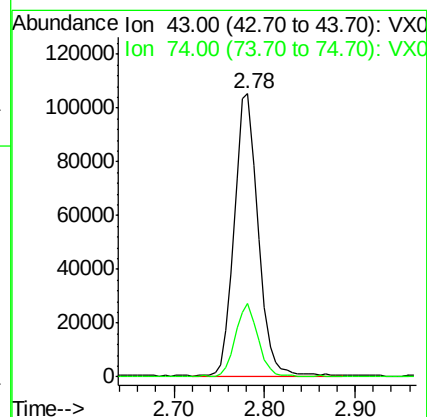
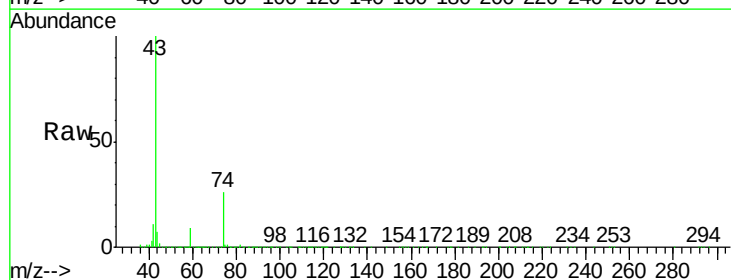
Acq: 15 Dec 2018 03:00

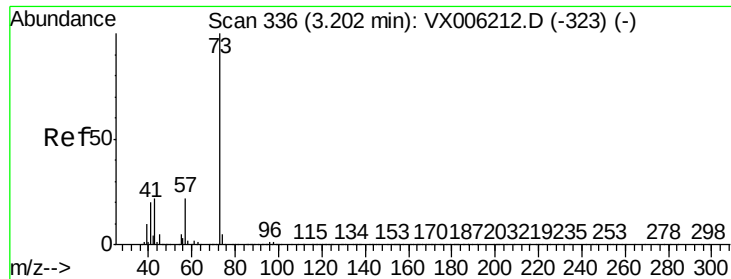
Tgt Ion: 43 Resp: 192381

Ion Ratio Lower Upper

43 100

74 24.8 17.9 26.9





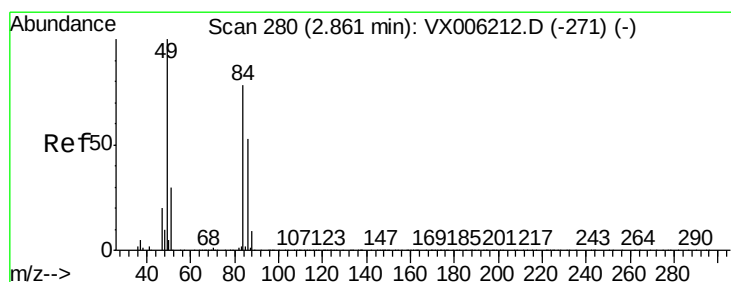
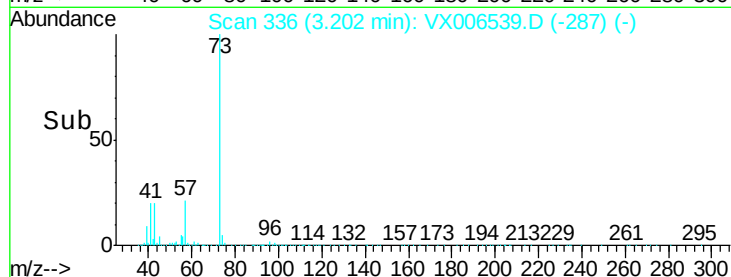
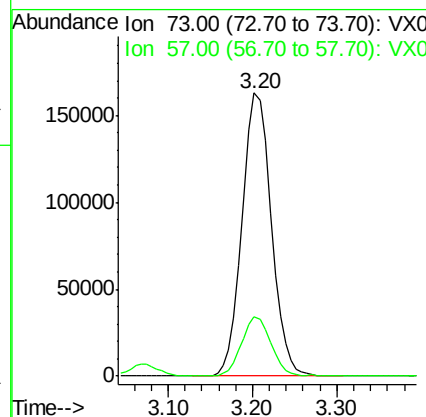
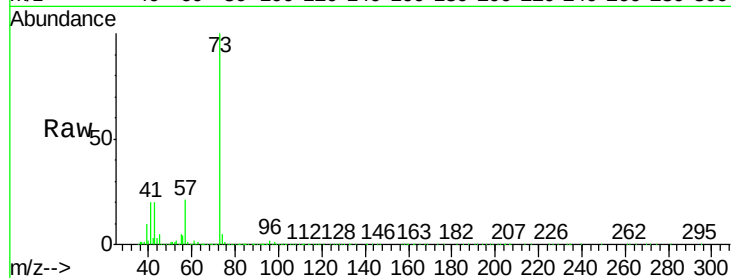
#19
Methyl tert-butyl Ether
Concen: 21.920 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX006539.D
Acq: 15 Dec 2018 03:00

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBSD02

Tgt Ion: 73 Resp: 383324
Ion Ratio Lower Upper
73 100
57 21.0 17.5 26.3

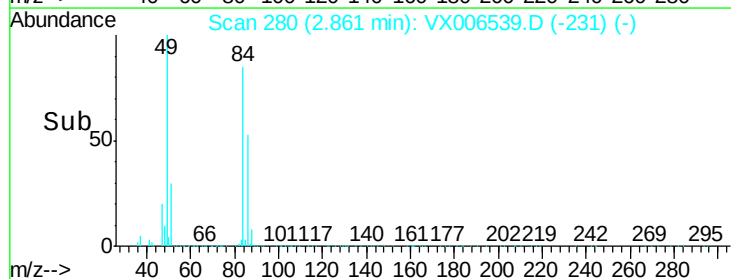
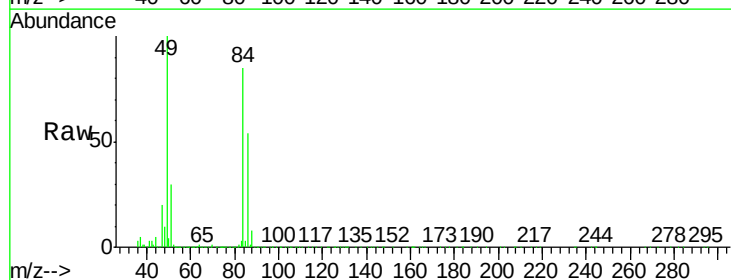
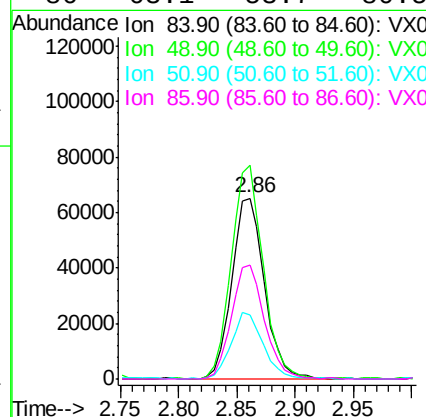
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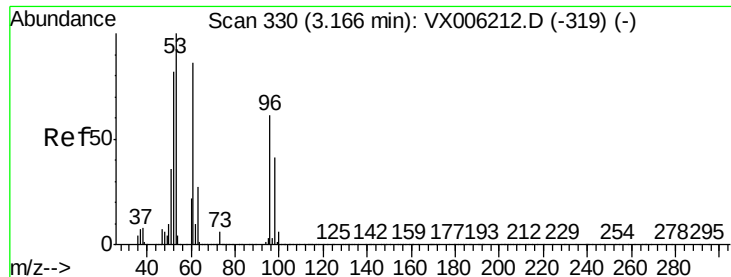
MMDadoda
12/17/2018 12:12:40 PM



#20
Methylene Chloride
Concen: 22.879 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006539.D
Acq: 15 Dec 2018 03:00

Tgt Ion: 84 Resp: 126376
Ion Ratio Lower Upper
84 100
49 118.0 102.2 153.4
51 35.0 31.1 46.7
86 63.1 53.7 80.5





#21

trans-1,2-Dichloroethene

Concen: 22.518 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX006539.D

Acq: 15 Dec 2018 03:00

Instrument :

MSVOA_X

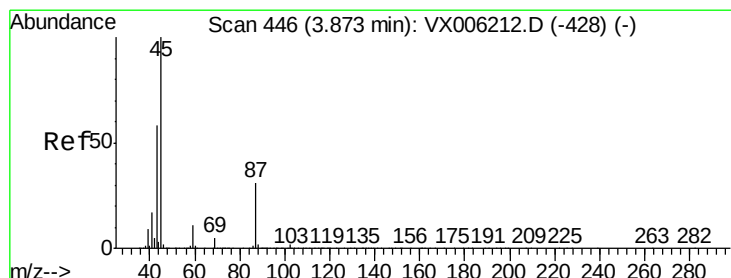
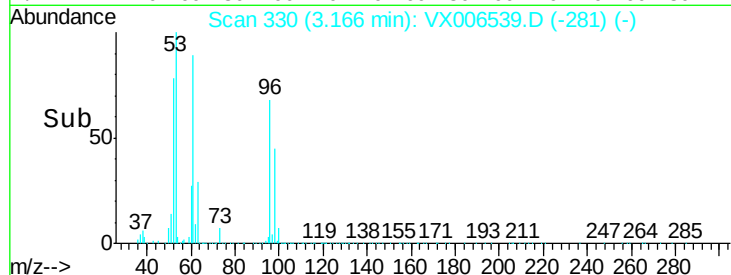
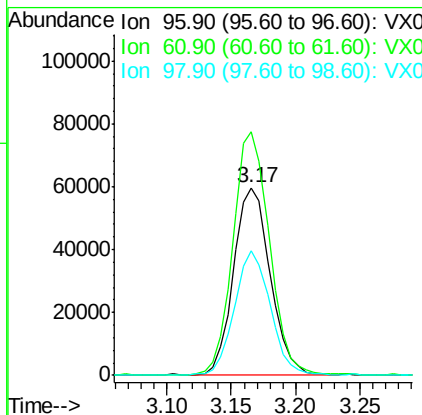
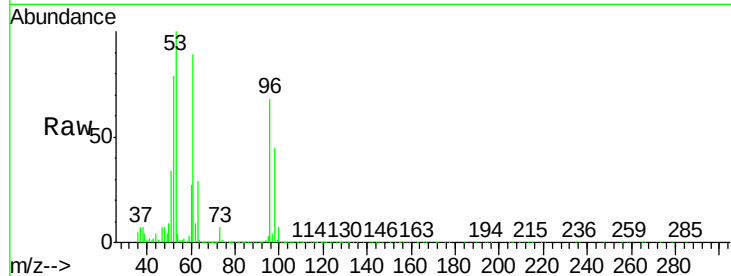
ClientSampleId :

VX1214WBSD02

Tgt Ion:	96	Resp:	117633
Ion Ratio	Lower	Upper	
96	100		
61	129.9	113.3	169.9
98	66.4	53.2	79.8

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#22

Diisopropyl ether

Concen: 22.776 ug/l

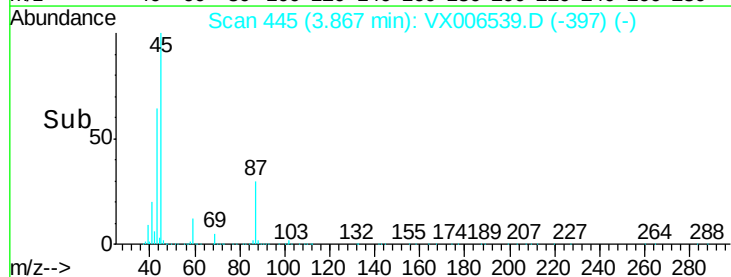
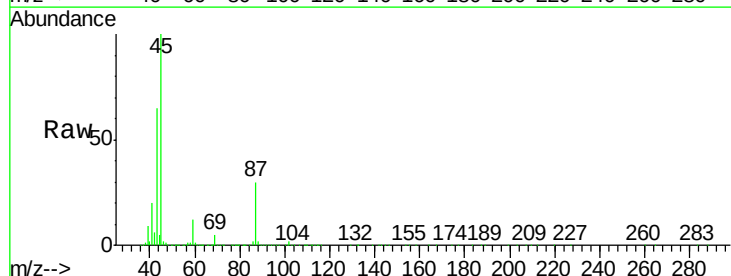
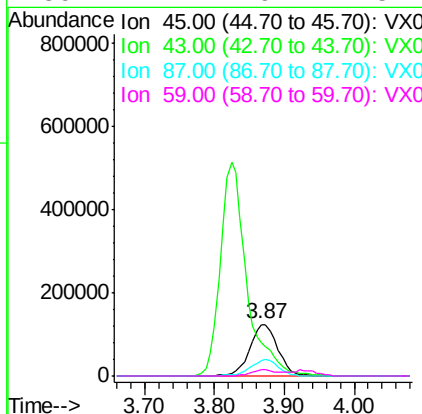
RT: 3.87 min Scan# 445

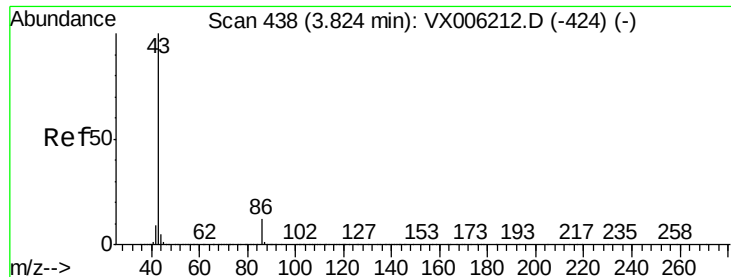
Delta R.T. -0.01 min

Lab File: VX006539.D

Acq: 15 Dec 2018 03:00

Tgt Ion:	45	Resp:	344492
Ion Ratio	Lower	Upper	
45	100		
43	64.4	46.2	69.2
87	30.3	24.9	37.3
59	12.2	9.1	13.7





#23

Vinyl Acetate

Concen: 104.602 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX006539.D

Acq: 15 Dec 2018 03:00

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBSD02

Tgt Ion: 43 Resp: 1349425

Ion Ratio Lower Upper

43 100

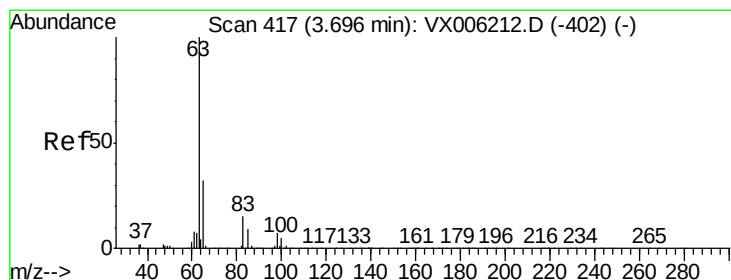
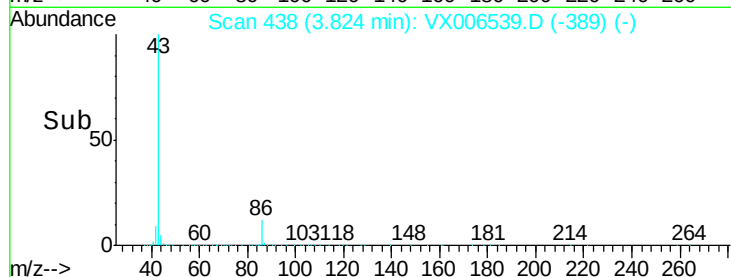
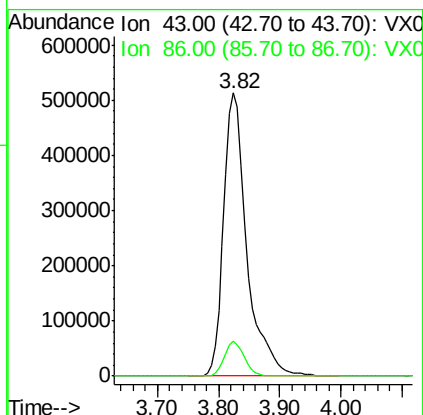
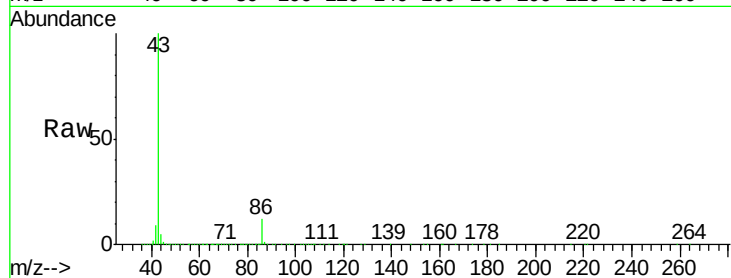
86 12.3 9.4 14.0

Manual Integrations

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MMDadoda

12/17/2018 12:12:40 PM



#24

1,1-Dichloroethane

Concen: 22.590 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006539.D

Acq: 15 Dec 2018 03:00

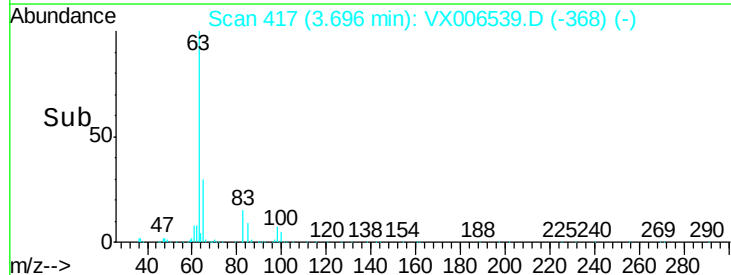
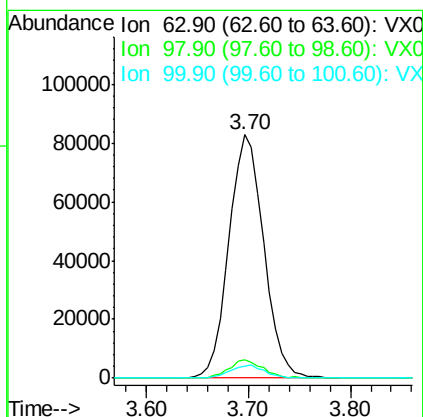
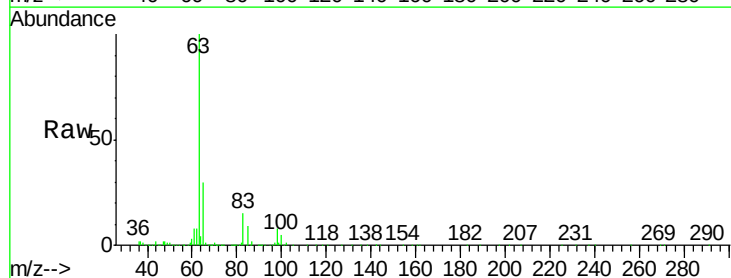
Tgt Ion: 63 Resp: 195296

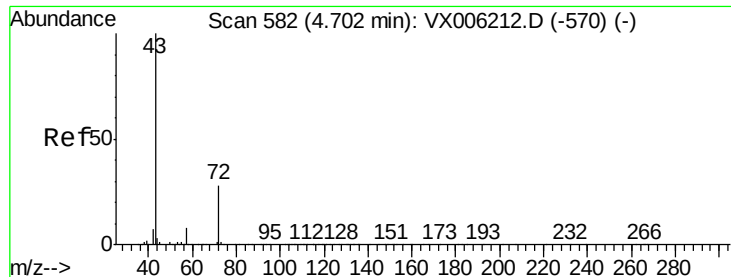
Ion Ratio Lower Upper

63 100

98 7.4 3.8 11.4

100 4.7 2.5 7.4





#25

2-Butanone

Concen: 111.487 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX006539.D

Acq: 15 Dec 2018 03:00

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBSD02

Tgt Ion: 43 Resp: 412862

Ion Ratio Lower Upper

43 100

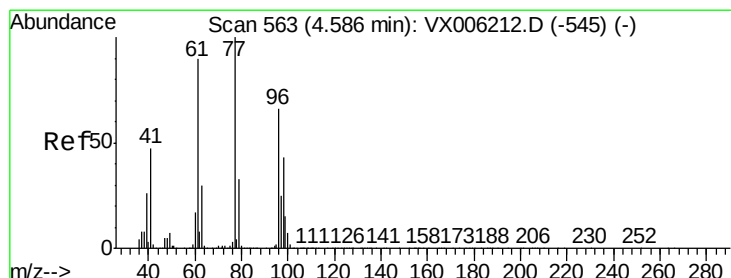
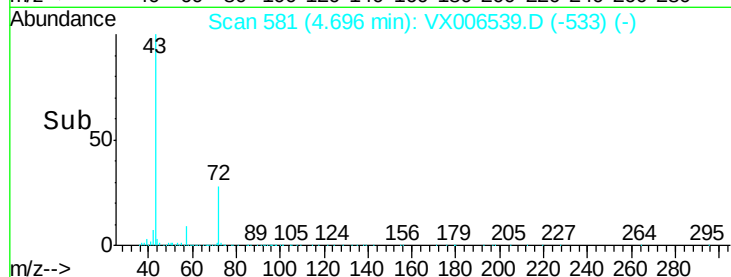
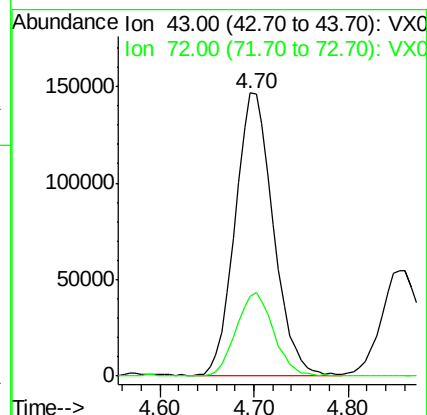
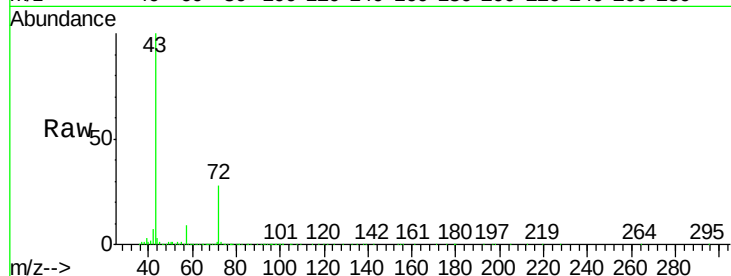
72 27.9 22.6 33.8

Manual Integrations

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MMDadoda

12/17/2018 12:12:40 PM



#26

2,2-Dichloropropane

Concen: 14.971 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX006539.D

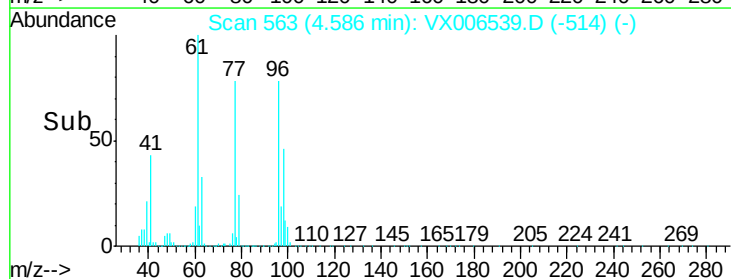
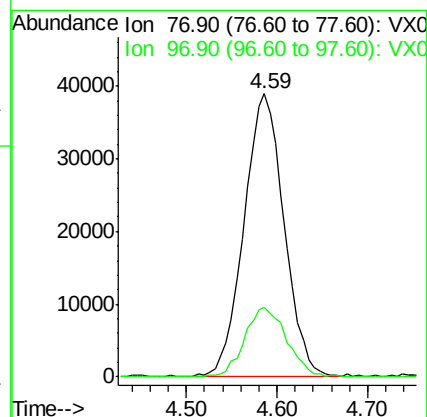
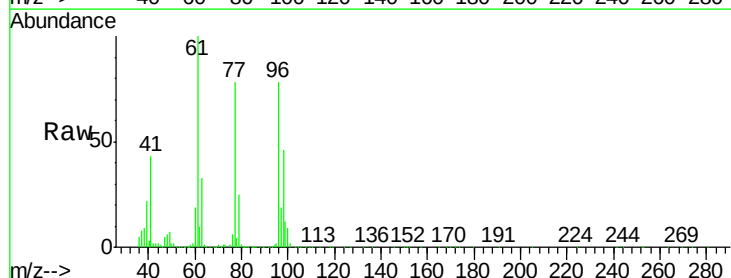
Acq: 15 Dec 2018 03:00

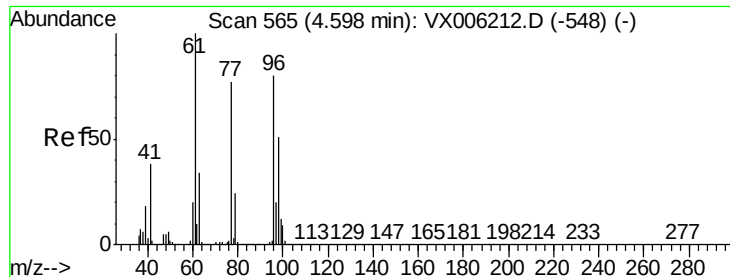
Tgt Ion: 77 Resp: 119447

Ion Ratio Lower Upper

77 100

97 25.9 12.3 36.8





#27

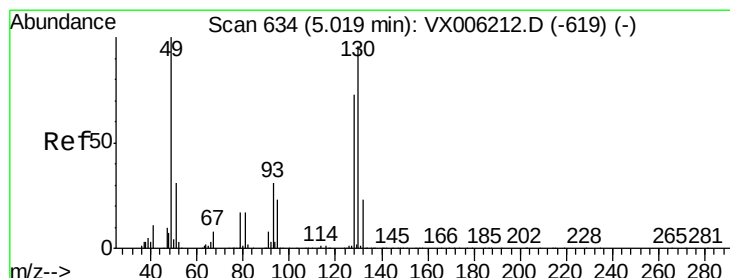
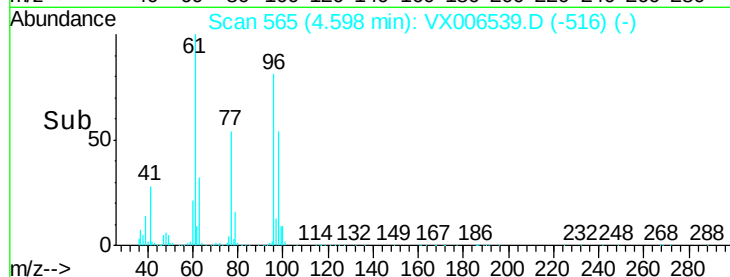
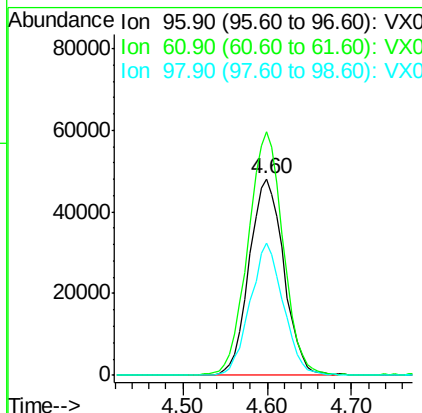
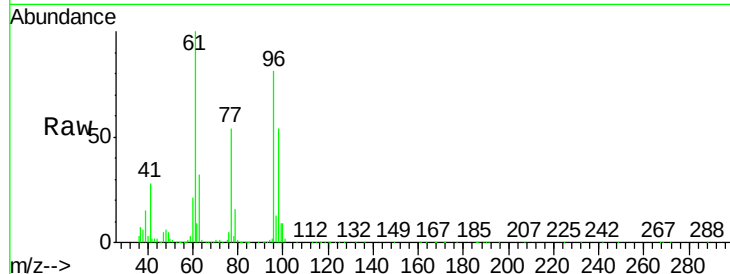
cis-1,2-Dichloroethene
 Concen: 23.000 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX006539.D
 Acq: 15 Dec 2018 03:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1214WBSD02

Tgt Ion	Ratio	Lower	Upper
96	100		
61	125.8	0.0	265.0
98	65.0	0.0	130.2

Manual Integrations
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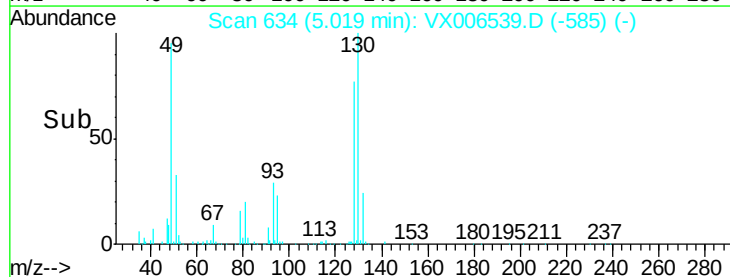
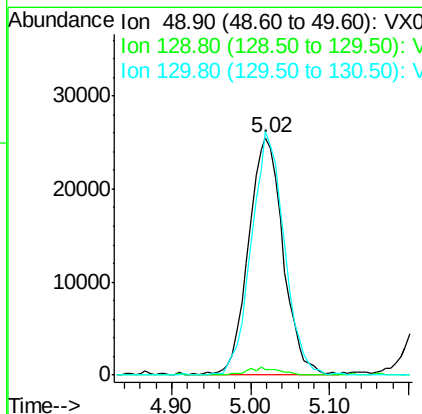
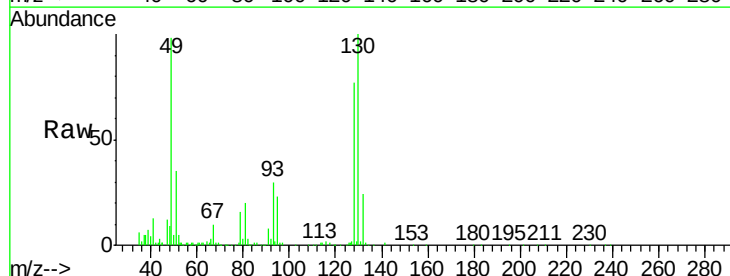
MMDadoda
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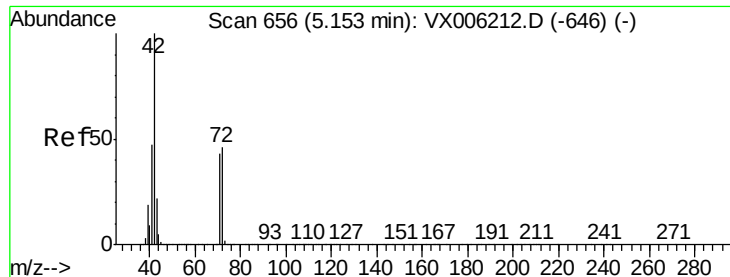


#28

Bromochloromethane
 Concen: 20.410 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: VX006539.D
 Acq: 15 Dec 2018 03:00

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.9	0.0	5.0
130	98.0	78.3	117.5





#29

Tetrahydrofuran

Concen: 109.638 ug/l

RT: 5.16 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX006539.D

Acq: 15 Dec 2018 03:00

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBSD02

Tgt Ion: 42 Resp: 282178
Ion Ratio Lower Upper

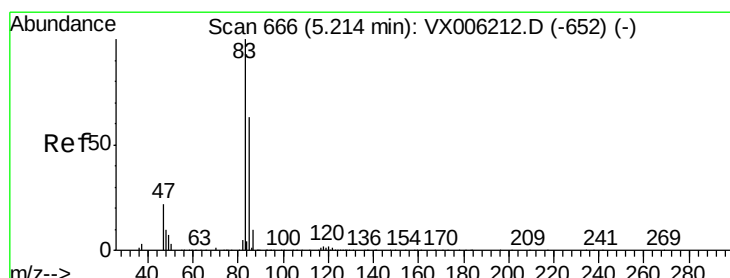
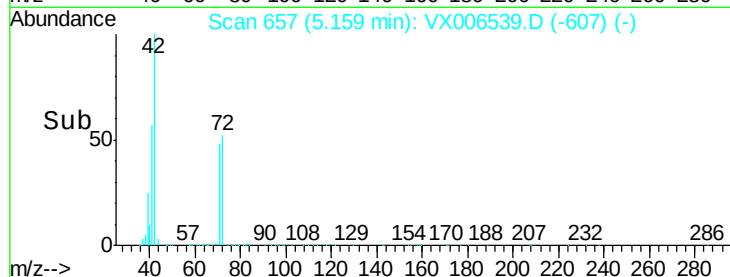
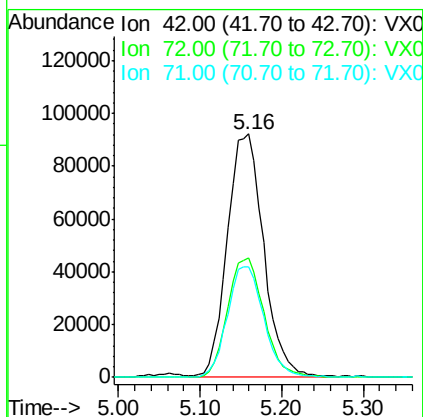
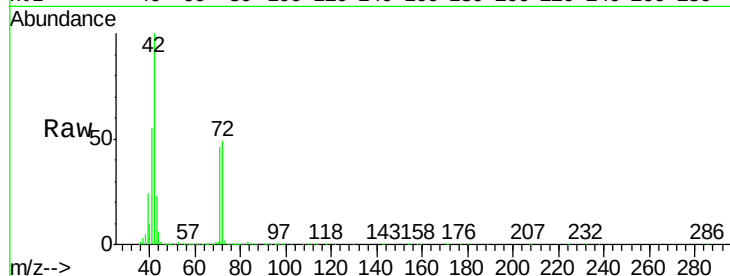
42 100

72 49.6 37.8 56.8

71 46.1 35.2 52.8

Manual Integrations
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#30

Chloroform

Concen: 23.130 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

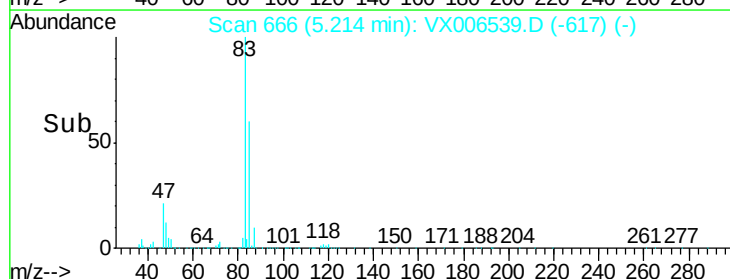
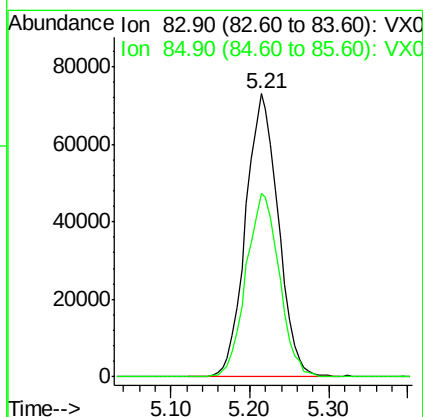
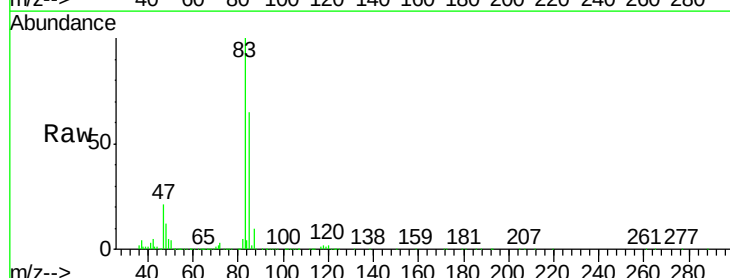
Lab File: VX006539.D

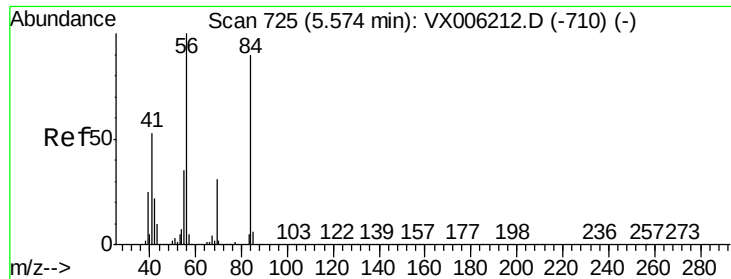
Acq: 15 Dec 2018 03:00

Tgt Ion: 83 Resp: 210136
Ion Ratio Lower Upper

83 100

85 65.0 50.3 75.5





#31

Cyclohexane

Concen: 21.728 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.01 min

Lab File: VX006539.D

Acq: 15 Dec 2018 03:00

Instrument :

MSVOA_X

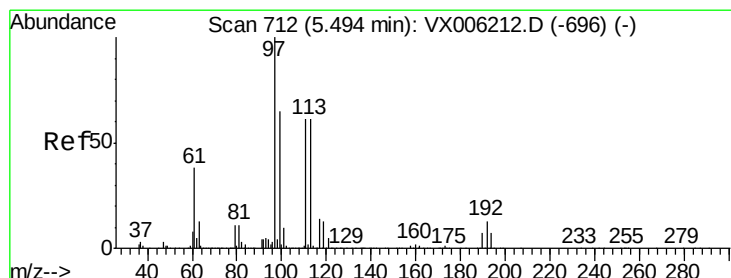
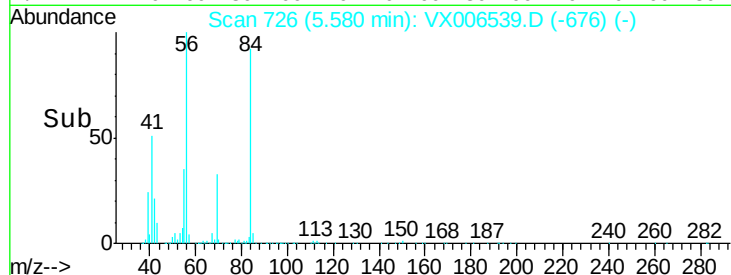
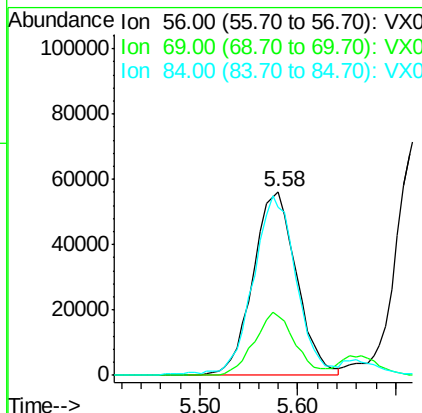
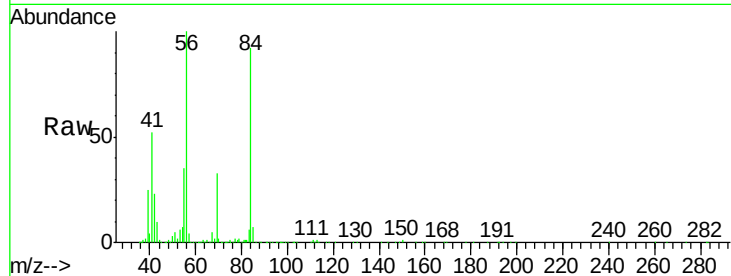
ClientSampleId :

VX1214WBSD02

Tgt Ion:	56	Resp:	173598
Ion Ratio	Lower	Upper	
56	100		
69	32.3	24.5	36.7
84	90.6	71.8	107.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 21.051 ug/l

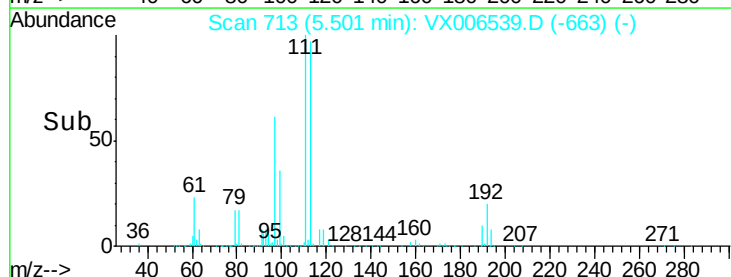
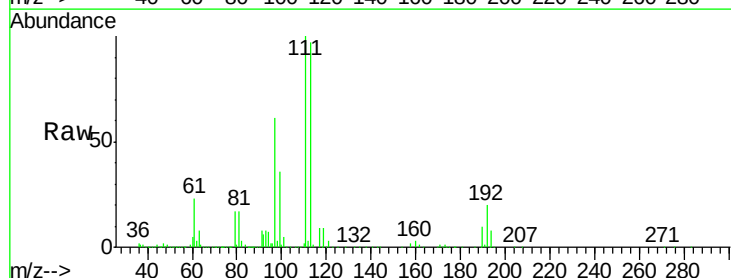
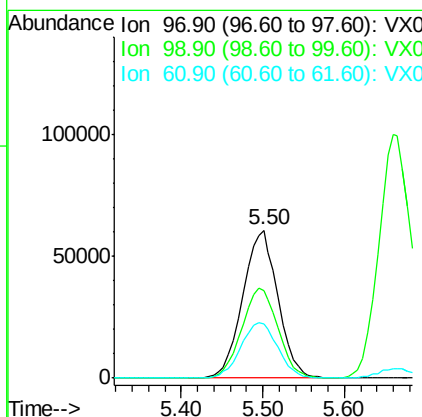
RT: 5.50 min Scan# 713

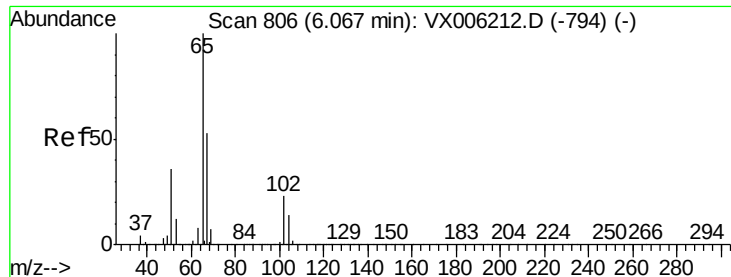
Delta R.T. 0.01 min

Lab File: VX006539.D

Acq: 15 Dec 2018 03:00

Tgt Ion:	97	Resp:	181968
Ion Ratio	Lower	Upper	
97	100		
99	62.9	51.6	77.4
61	39.9	30.6	46.0





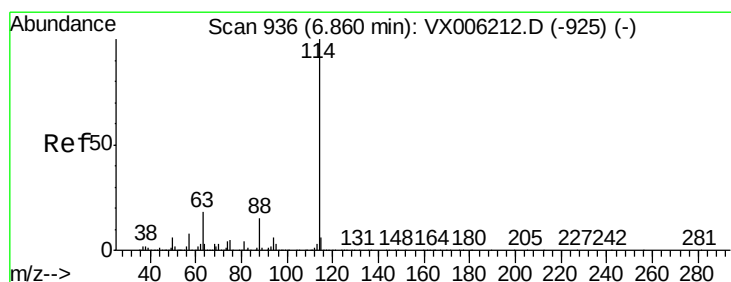
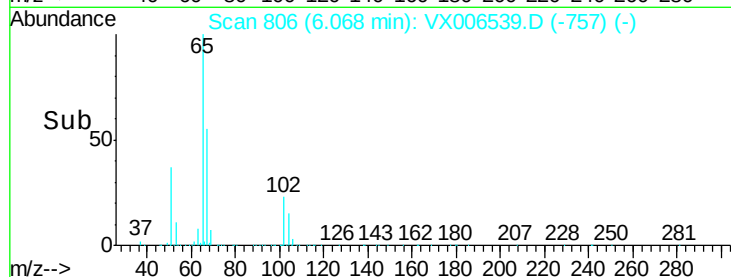
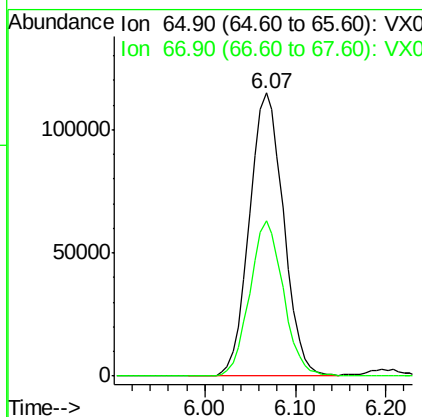
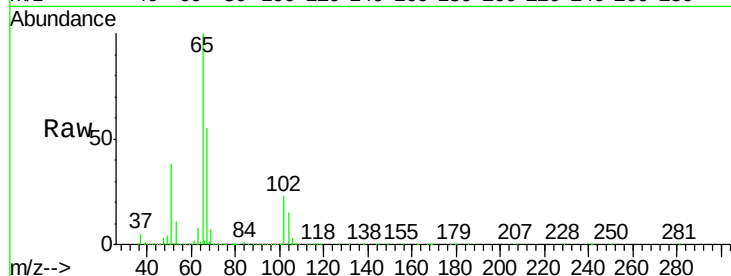
#33
 1,2-Dichloroethane-d4
 Concen: 54.080 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX006539.D
 Acq: 15 Dec 2018 03:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1214WBSD02

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	299084		
67	53.5	0.0	107.2	

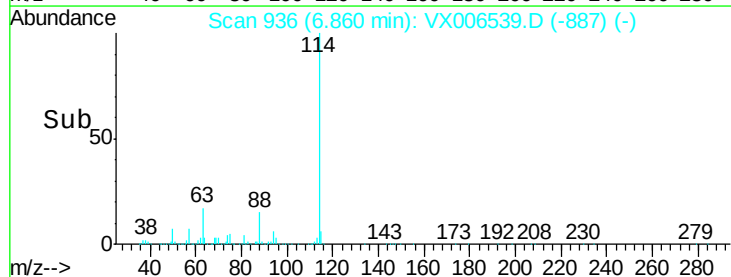
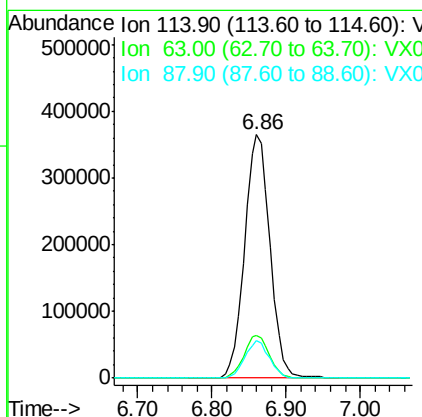
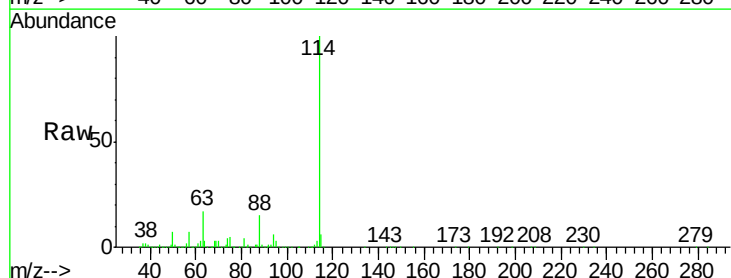
Manual Integrations
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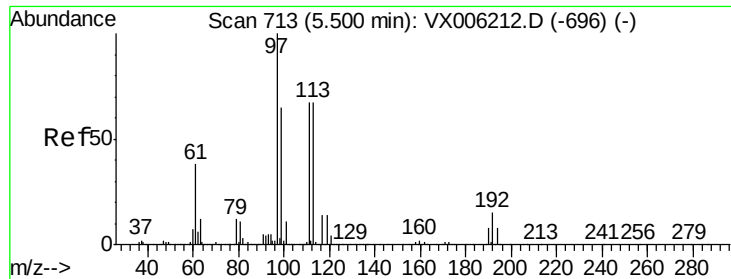
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX006539.D
 Acq: 15 Dec 2018 03:00

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	870629		
63	17.5	0.0	36.6	
88	15.3	0.0	29.0	





#35

Dibromofluoromethane

Concen: 48.552 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006539.D

Acq: 15 Dec 2018 03:00

Instrument :

MSVOA_X

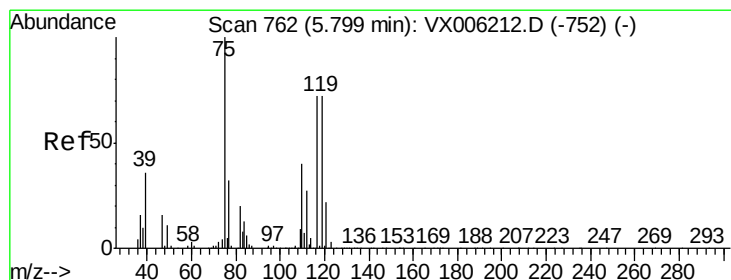
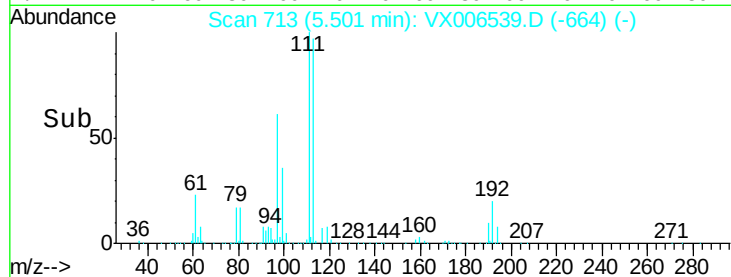
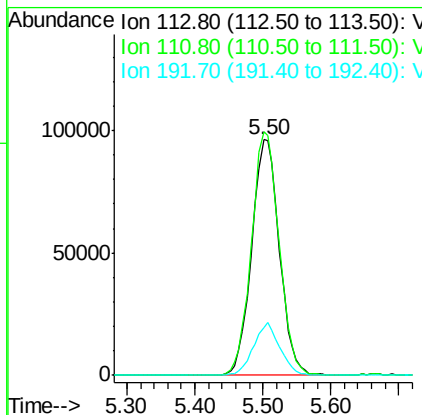
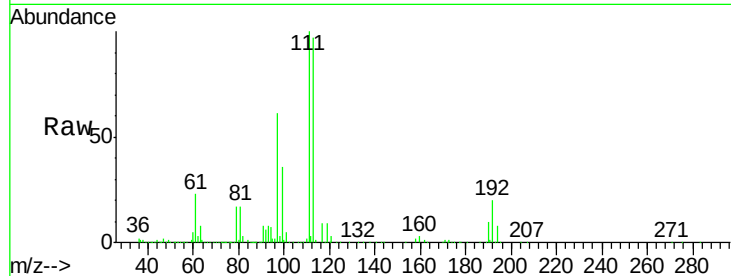
ClientSampleId :

VX1214WBSD02

Tgt Ion:	113	Resp:	273689
Ion Ratio	Lower	Upper	
113	100		
111	103.1	81.1	121.7
192	21.2	18.2	27.2

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 21.206 ug/l

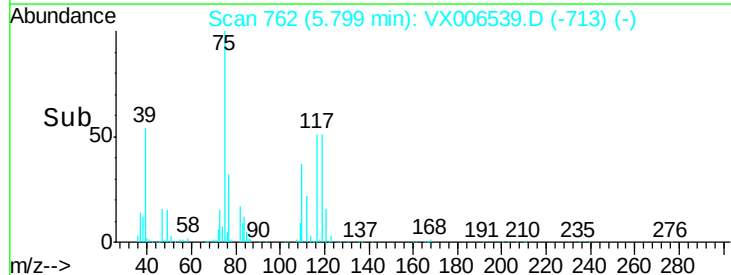
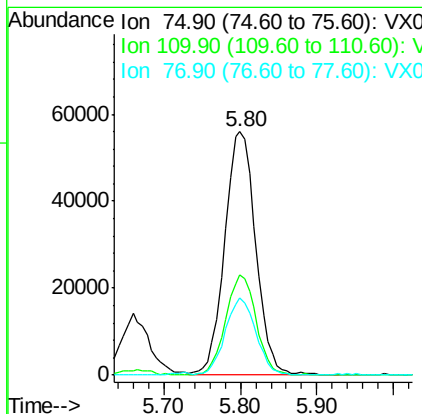
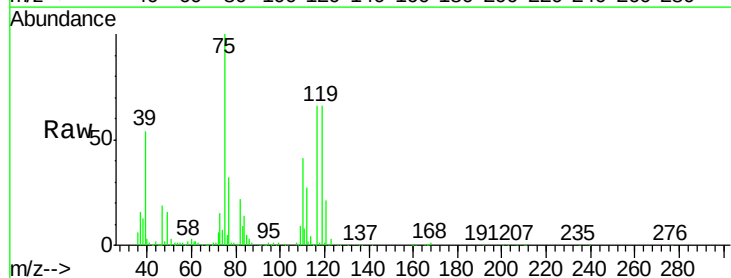
RT: 5.80 min Scan# 762

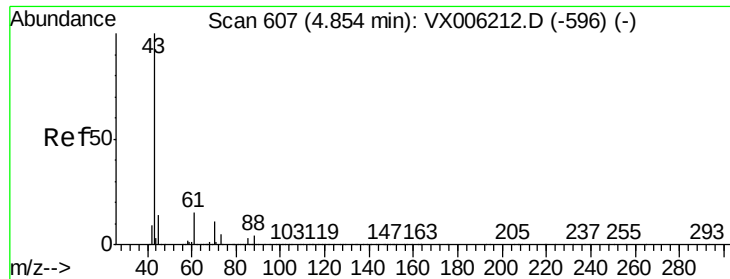
Delta R.T. 0.00 min

Lab File: VX006539.D

Acq: 15 Dec 2018 03:00

Tgt Ion:	75	Resp:	155470
Ion Ratio	Lower	Upper	
75	100		
110	40.7	20.4	61.3
77	31.2	24.9	37.3





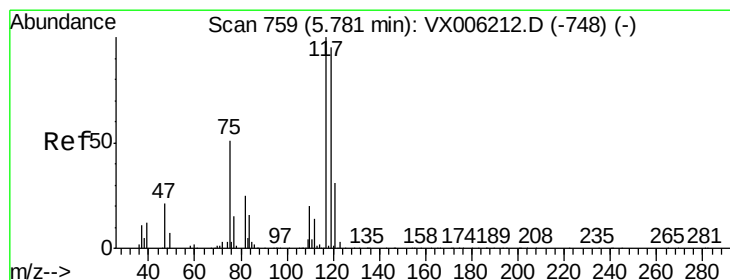
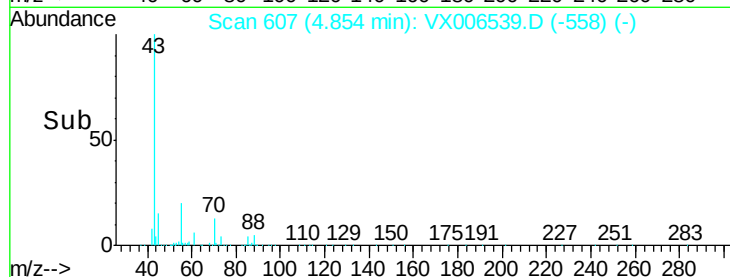
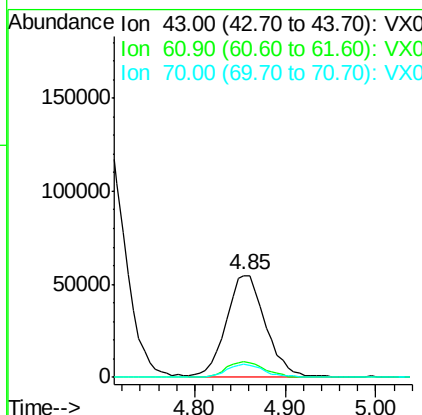
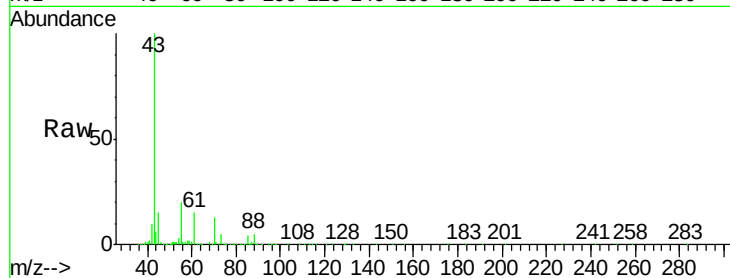
#37
Ethyl Acetate
Concen: 19.774 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX006539.D
Acq: 15 Dec 2018 03:00

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBSD02

Tgt Ion	Ratio	Lower	Upper
43	100		
61	15.0	11.5	17.3
70	12.8	9.0	13.6

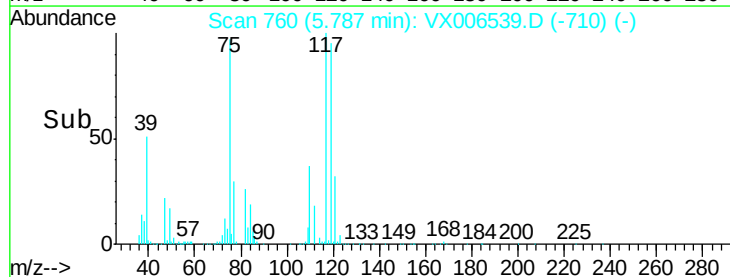
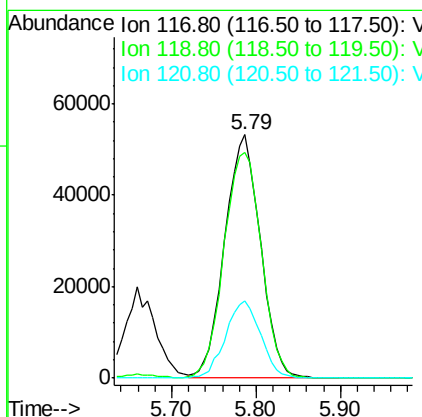
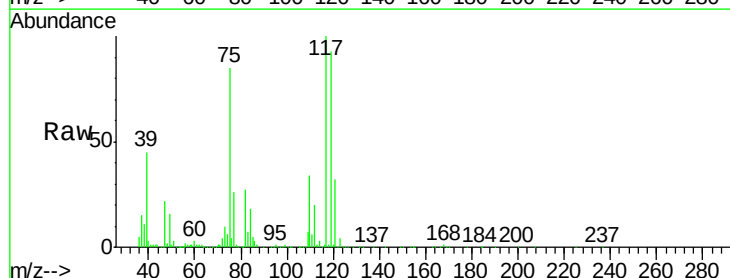
Manual Integrations
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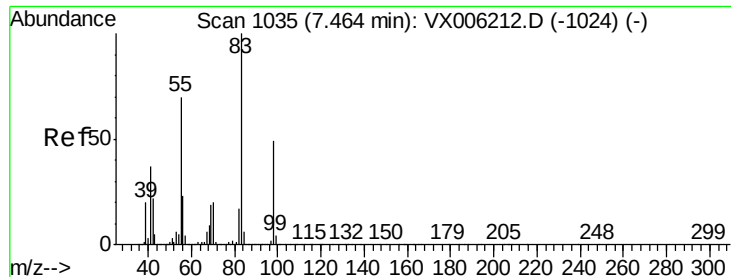
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#38
Carbon Tetrachloride
Concen: 17.812 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX006539.D
Acq: 15 Dec 2018 03:00

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.5	75.8	113.8
121	31.5	24.6	37.0





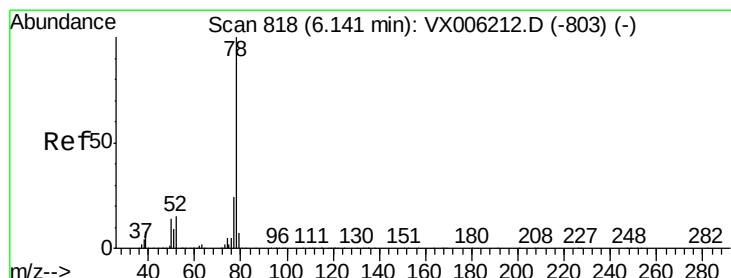
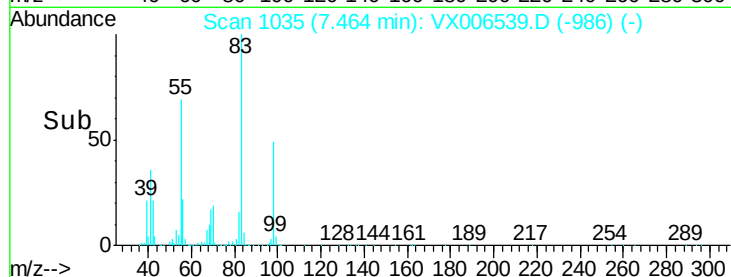
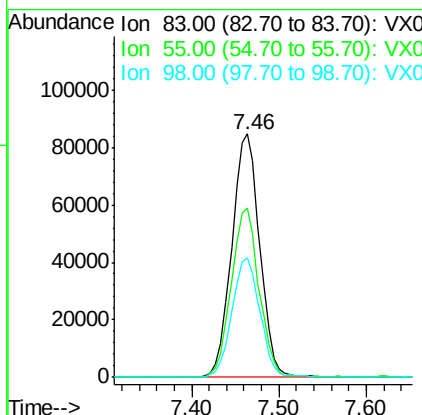
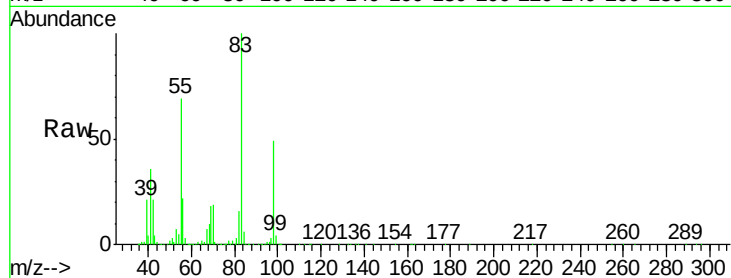
#39
Methylcyclohexane
Concen: 19.810 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX006539.D
Acq: 15 Dec 2018 03:00

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBSD02

Tgt Ion	Ratio	Lower	Upper
83	100		
55	69.2	56.4	84.6
98	48.9	39.0	58.6

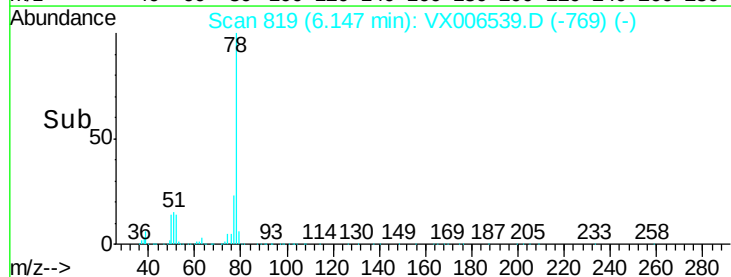
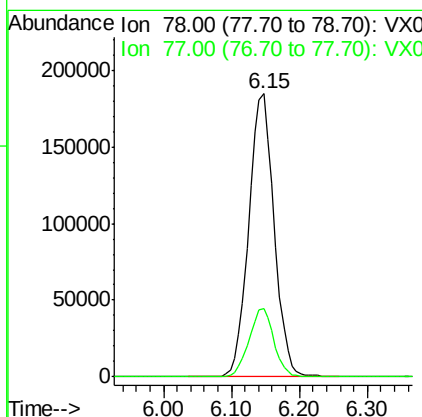
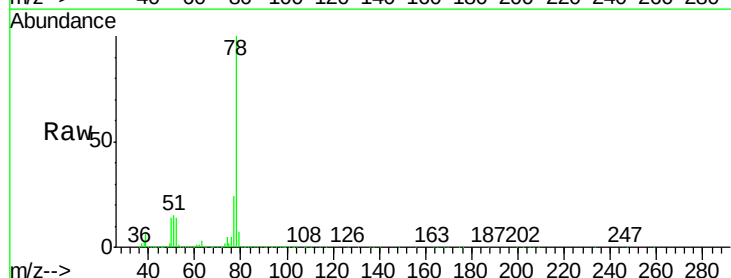
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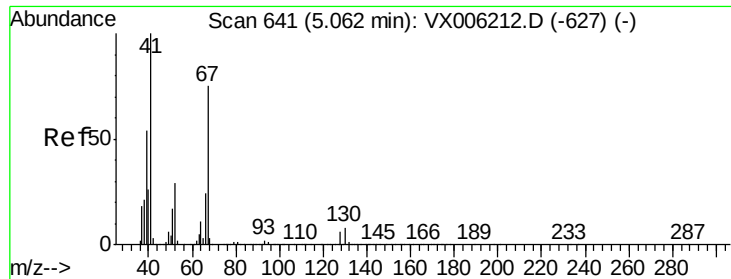
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#40
Benzene
Concen: 21.884 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX006539.D
Acq: 15 Dec 2018 03:00

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.2	28.8





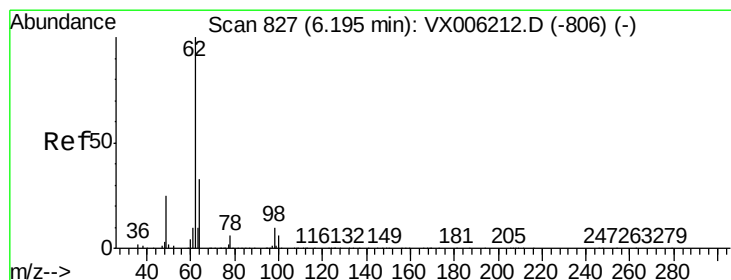
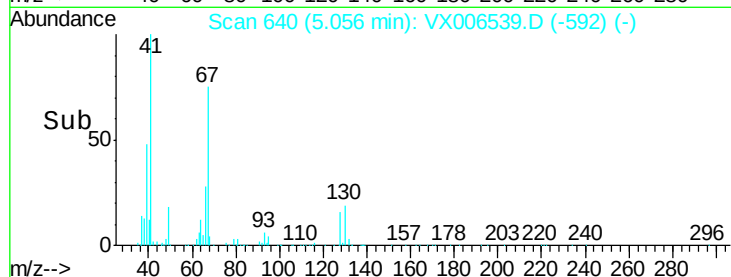
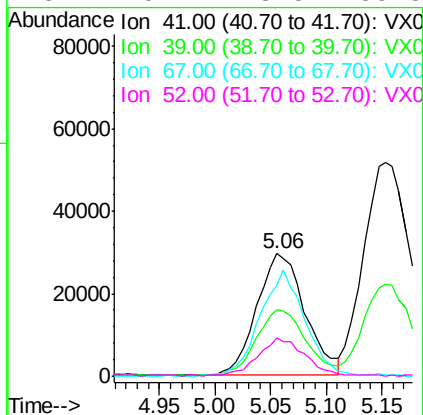
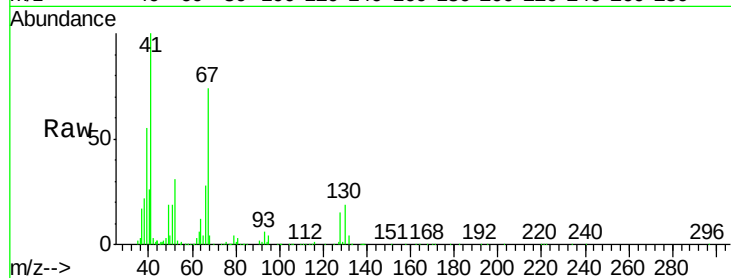
#41
Methacrylonitrile
Concen: 19.745 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX006539.D
Acq: 15 Dec 2018 03:00

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBSD02

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.7	44.0	66.0	
67	80.8	61.4	92.0	
52	29.7	23.5	35.3	

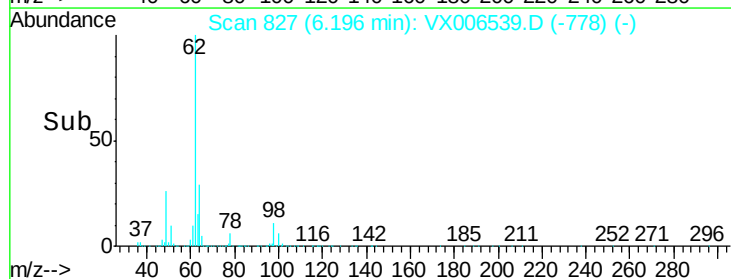
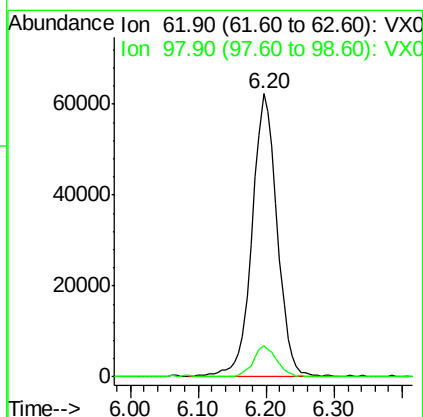
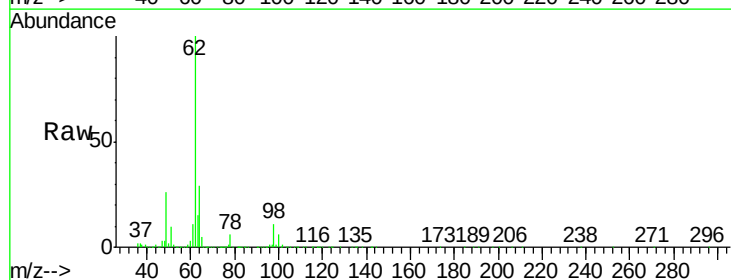
Manual Integrations
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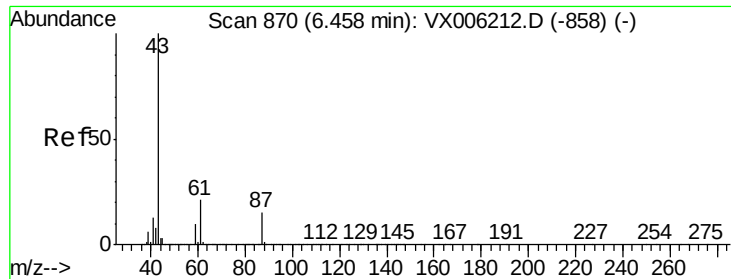
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#42
1,2-Dichloroethane
Concen: 22.111 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX006539.D
Acq: 15 Dec 2018 03:00

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.6	0.0	20.2	





#43

Isopropyl Acetate

Concen: 18.461 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX006539.D

Acq: 15 Dec 2018 03:00

Instrument :

MSVOA_X

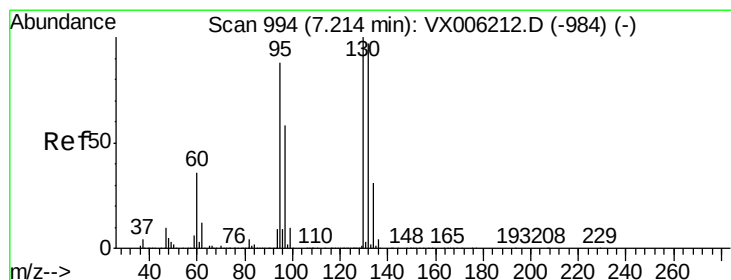
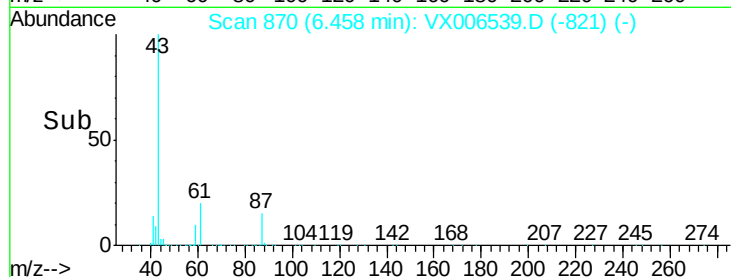
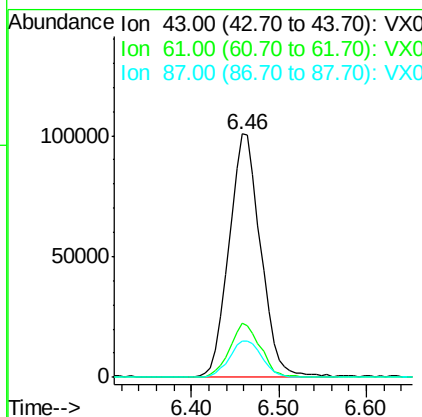
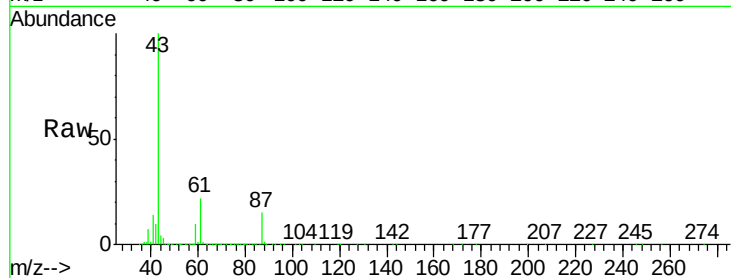
ClientSampleId :

VX1214WBSD02

Tgt Ion:	43	Resp:	252719
Ion	Ratio	Lower	Upper
43	100		
61	21.2	16.8	25.2
87	15.7	11.9	17.9

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#44

Trichloroethene

Concen: 21.018 ug/l

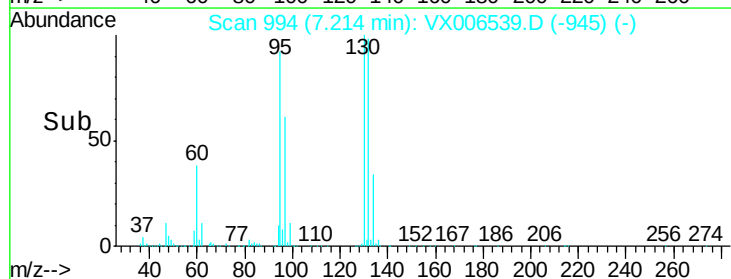
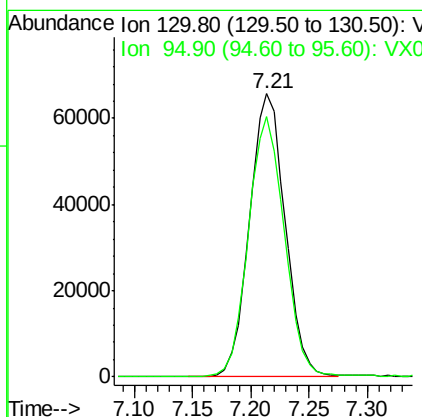
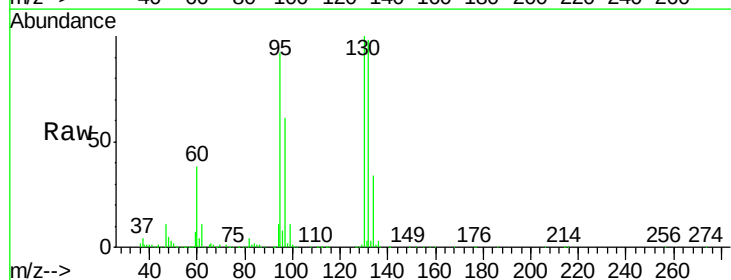
RT: 7.21 min Scan# 994

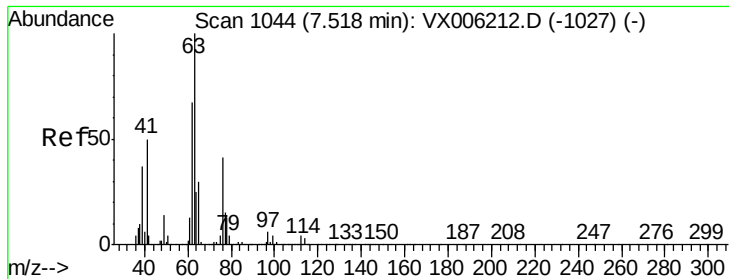
Delta R.T. 0.00 min

Lab File: VX006539.D

Acq: 15 Dec 2018 03:00

Tgt Ion:	130	Resp:	139817
Ion	Ratio	Lower	Upper
130	100		
95	92.1	0.0	175.8





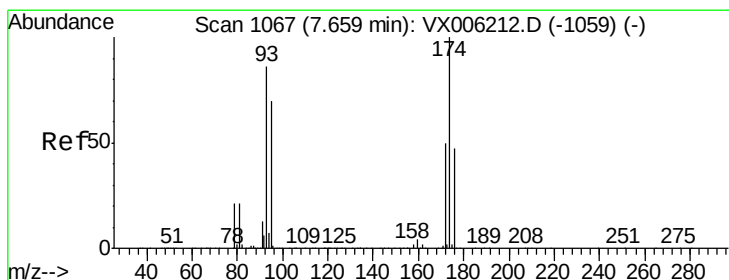
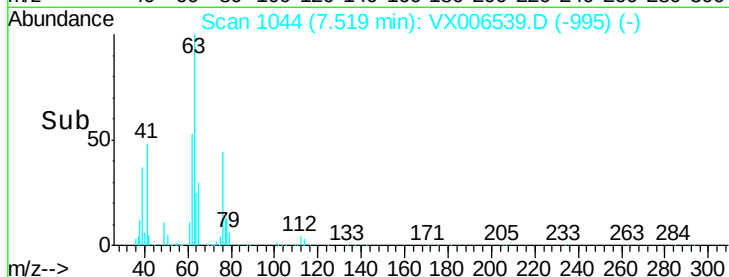
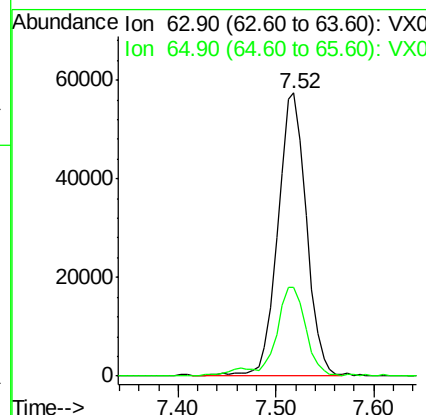
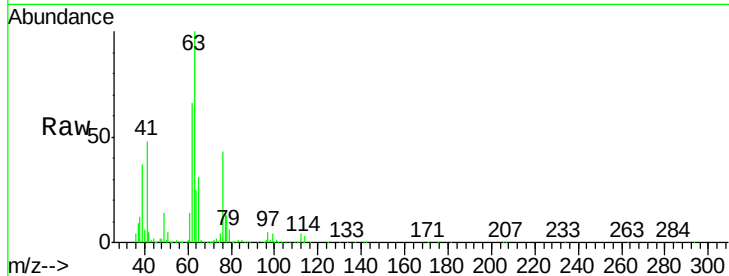
#45
 1,2-Dichloropropane
 Concen: 20.904 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: VX006539.D
 Acq: 15 Dec 2018 03:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1214WBSD02

Tgt Ion	Ratio	Lower	Upper
63	100		
65	31.4	24.3	36.5

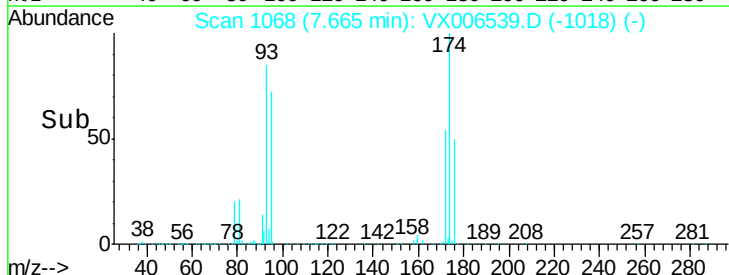
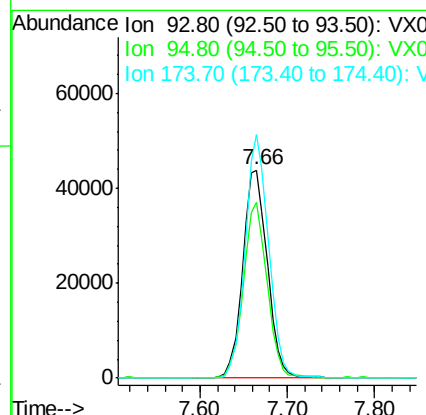
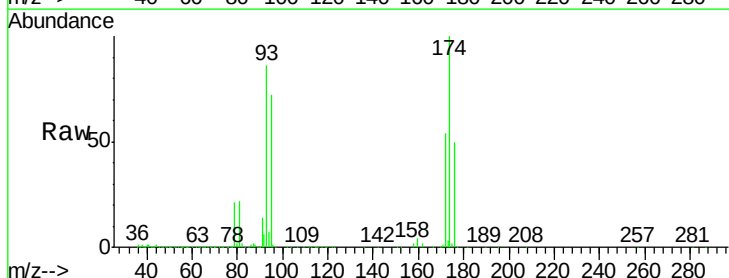
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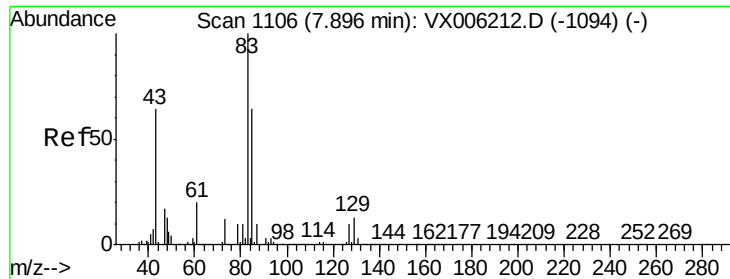
MMDadoda
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#46
 Dibromomethane
 Concen: 21.351 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX006539.D
 Acq: 15 Dec 2018 03:00

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.5	66.2	99.4
174	110.8	97.2	145.8





#47

Bromodichloromethane

Concen: 17.763 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX006539.D

Acq: 15 Dec 2018 03:00

Instrument :

MSVOA_X

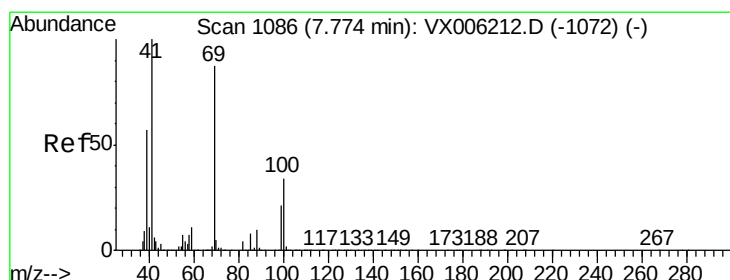
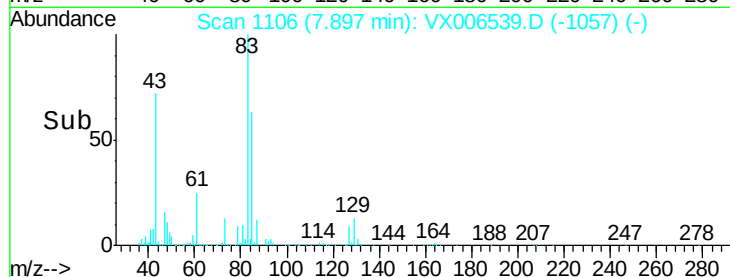
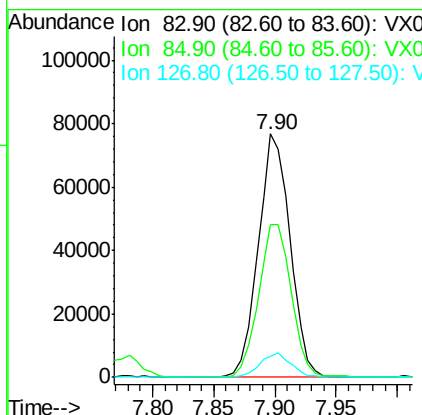
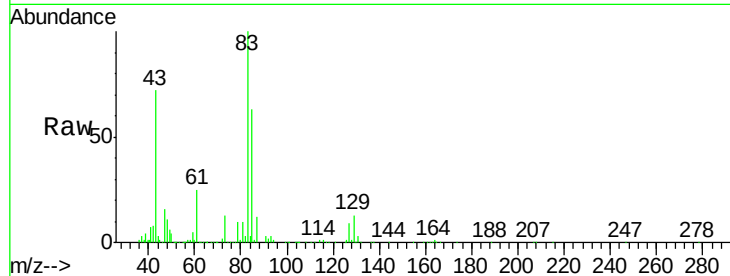
ClientSampleId :

VX1214WBSD02

Tgt Ion:	83	Resp:	138648
Ion	Ratio	Lower	Upper
83	100		
85	62.6	51.4	77.0
127	8.6	7.9	11.9

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#48

Methyl methacrylate

Concen: 19.417 ug/l

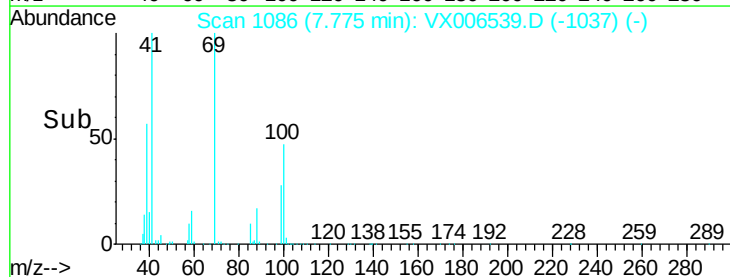
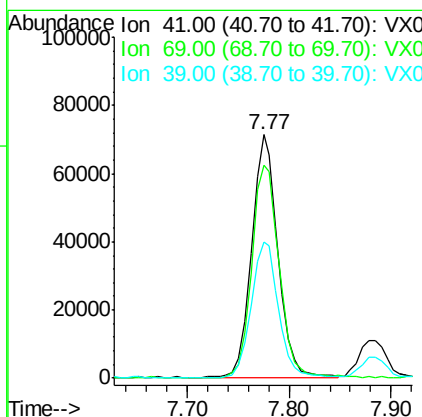
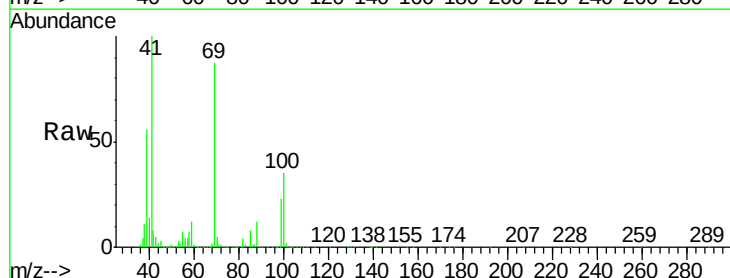
RT: 7.77 min Scan# 1086

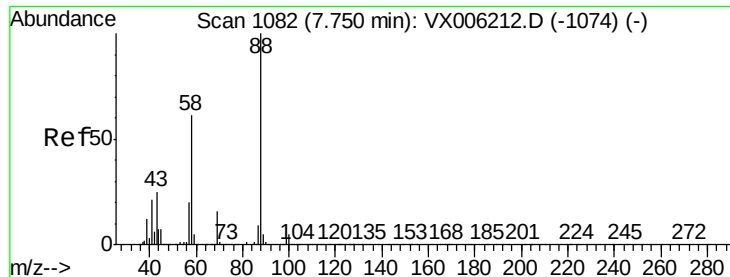
Delta R.T. 0.00 min

Lab File: VX006539.D

Acq: 15 Dec 2018 03:00

Tgt Ion:	41	Resp:	129312
Ion	Ratio	Lower	Upper
41	100		
69	91.7	70.3	105.5
39	56.9	45.3	67.9





#49

1,4-Dioxane

Concen: 432.453 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX006539.D

Acq: 15 Dec 2018 03:00

Instrument :

MSVOA_X

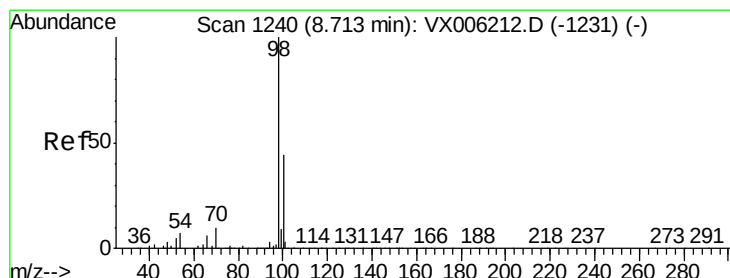
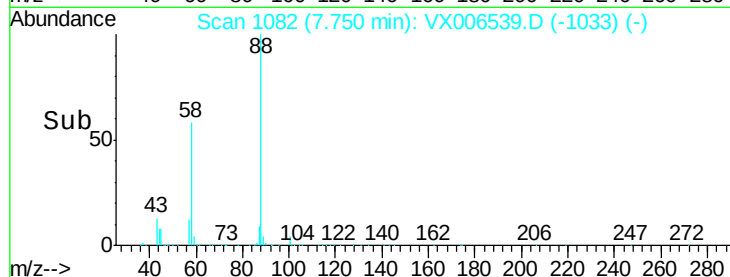
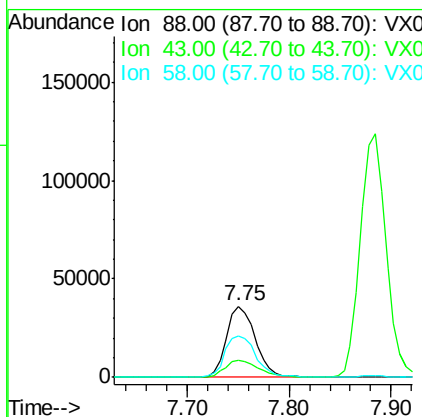
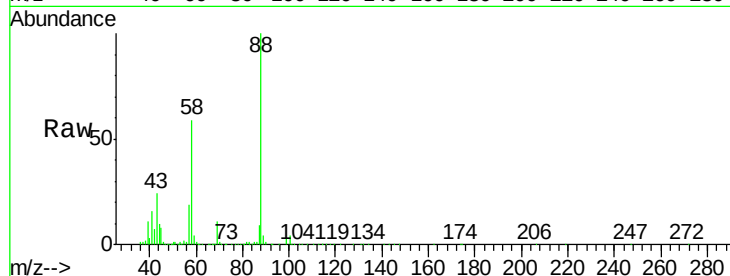
ClientSampleId :

VX1214WBSD02

Tgt Ion:	88	Resp:	70981
Ion	Ratio	Lower	Upper
88	100		
43	27.2	23.2	34.8
58	62.7	51.4	77.0

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#50

Toluene-d8

Concen: 49.503 ug/l

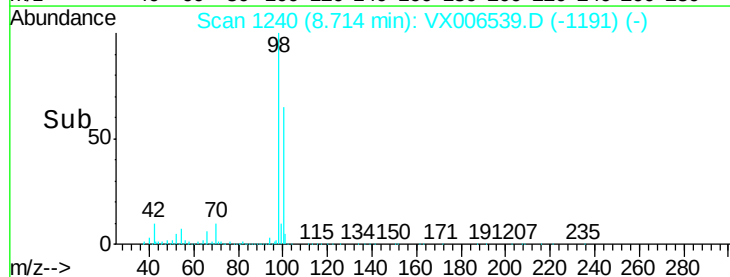
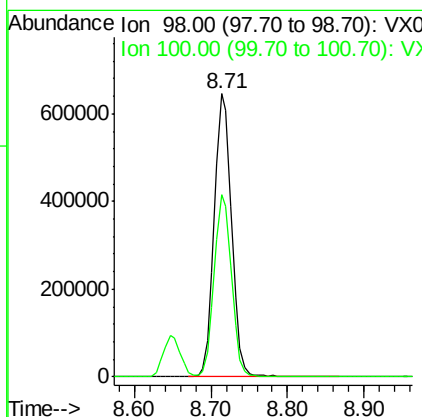
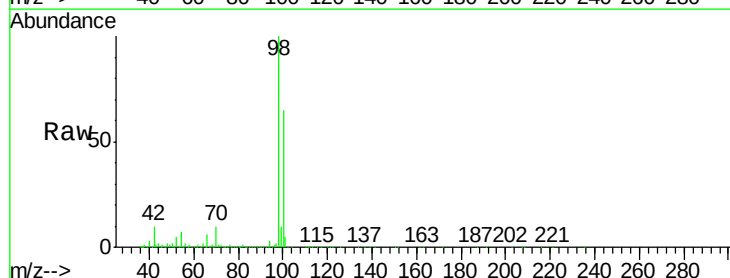
RT: 8.71 min Scan# 1240

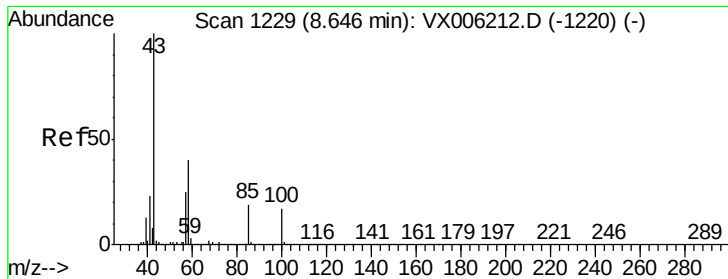
Delta R.T. 0.00 min

Lab File: VX006539.D

Acq: 15 Dec 2018 03:00

Tgt Ion:	98	Resp:	1015006
Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.2	78.2





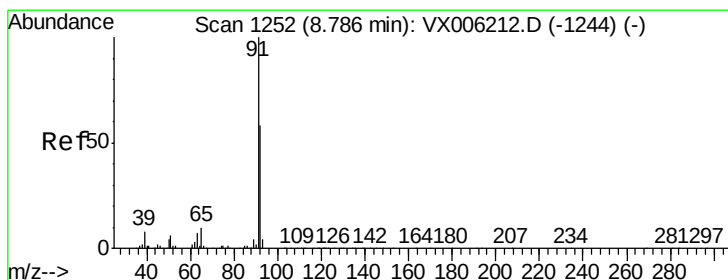
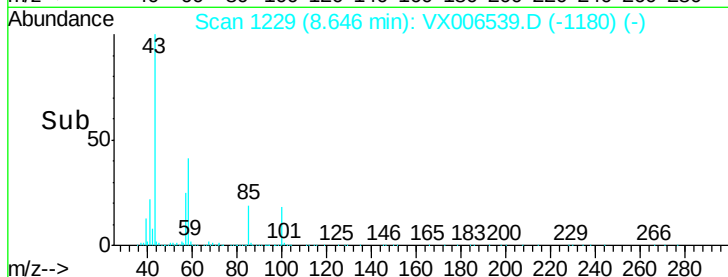
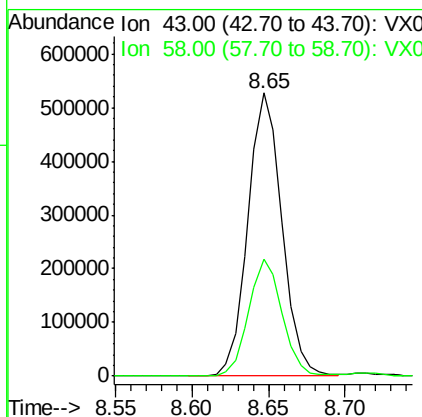
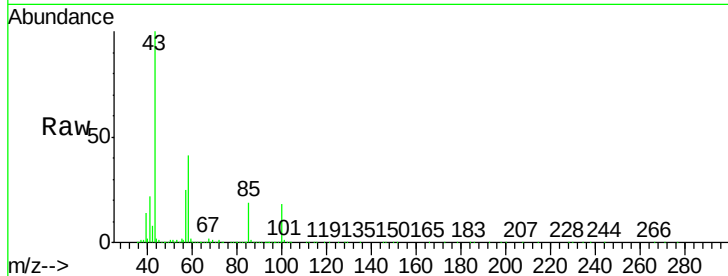
#51
 4-Methyl-2-Pentanone
 Concen: 102.372 ug/l
 RT: 8.65 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: VX006539.D
 Acq: 15 Dec 2018 03:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1214WBSD02

Tgt Ion: 43 Resp: 815810
 Ion Ratio Lower Upper
 43 100
 58 40.7 31.3 46.9

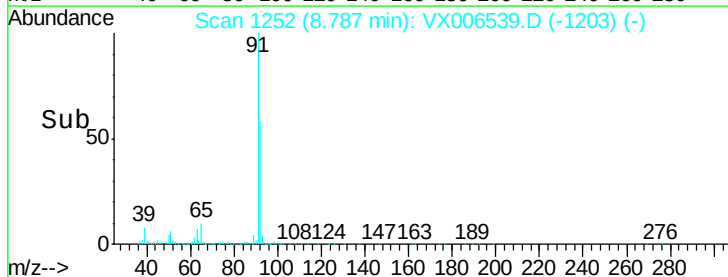
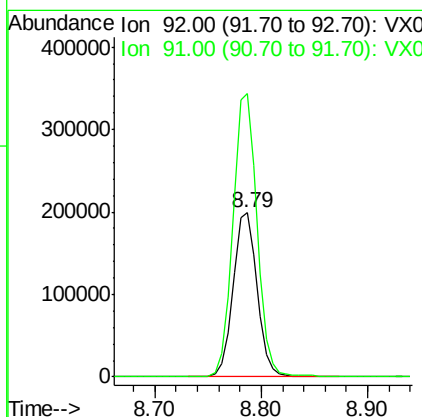
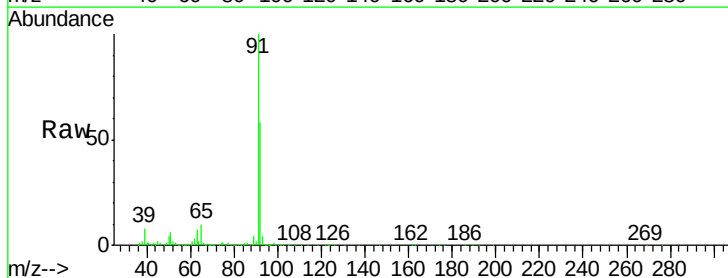
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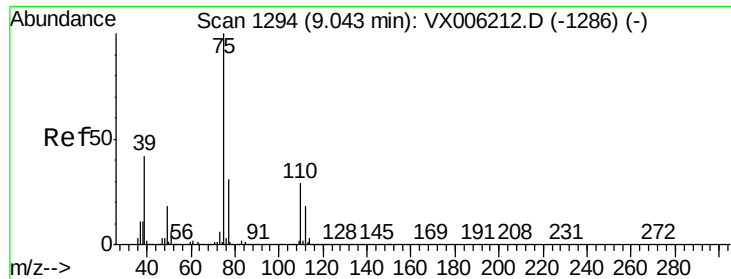
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#52
 Toluene
 Concen: 21.855 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: VX006539.D
 Acq: 15 Dec 2018 03:00

Tgt Ion: 92 Resp: 315728
 Ion Ratio Lower Upper
 92 100
 91 173.6 139.2 208.8





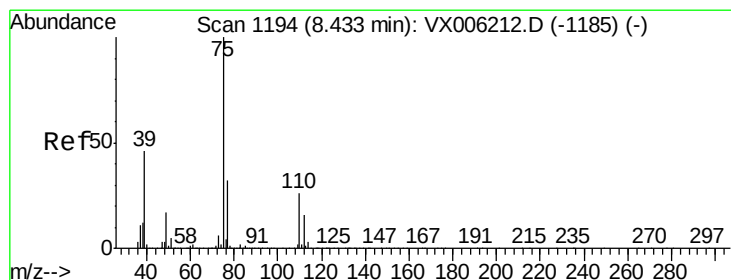
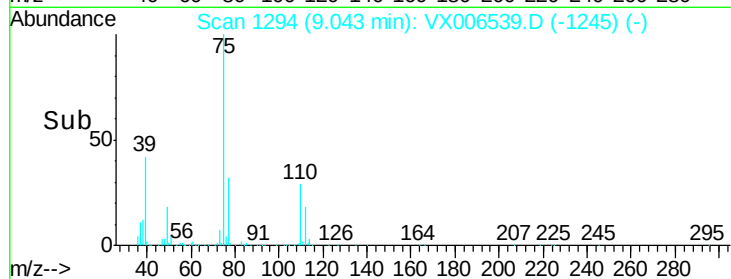
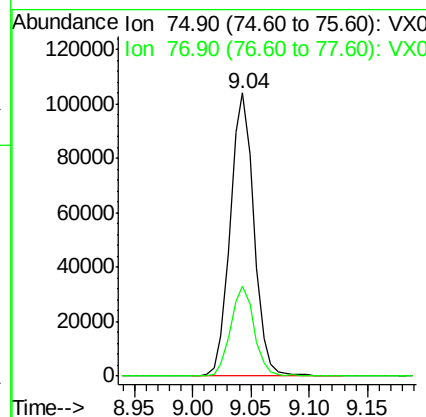
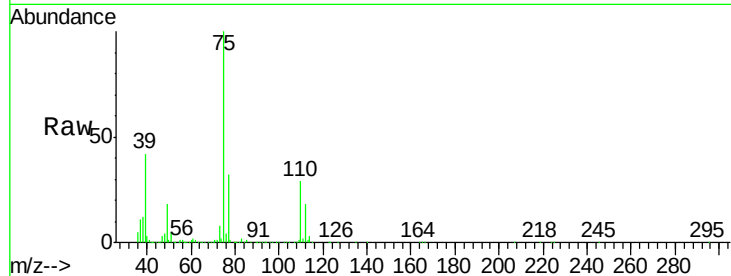
#53
t-1,3-Dichloropropene
Concen: 16.113 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX006539.D
Acq: 15 Dec 2018 03:00

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBSD02

Tgt Ion: 75 Resp: 147086
Ion Ratio Lower Upper
75 100
77 31.4 25.0 37.4

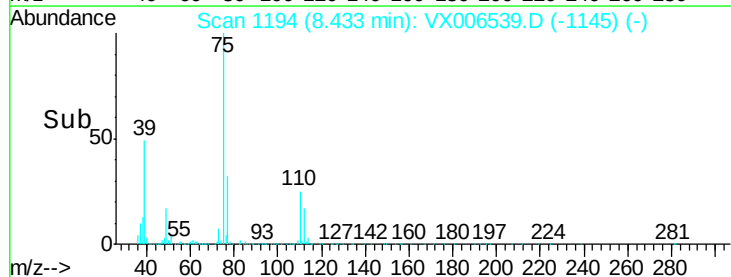
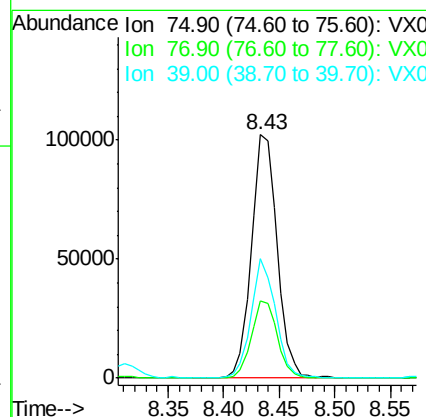
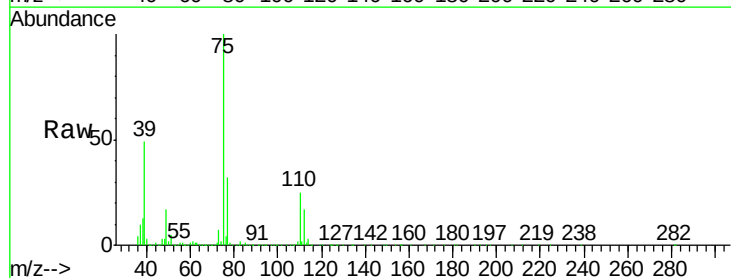
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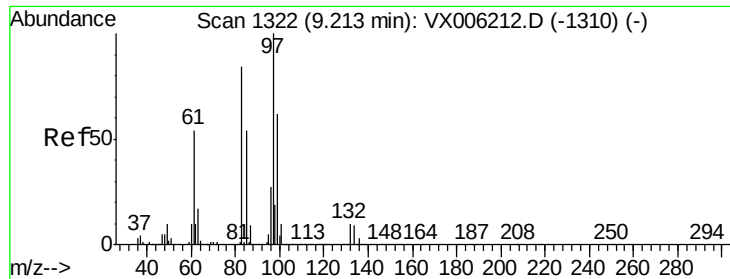
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#54
cis-1,3-Dichloropropene
Concen: 17.403 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX006539.D
Acq: 15 Dec 2018 03:00

Tgt Ion: 75 Resp: 164956
Ion Ratio Lower Upper
75 100
77 31.7 25.6 38.4
39 48.6 36.5 54.7





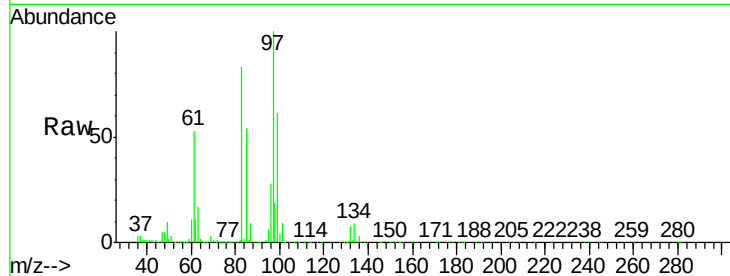
#55
 1,1,2-Trichloroethane
 Concen: 22.276 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX006539.D
 Acq: 15 Dec 2018 03:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1214WBSD02

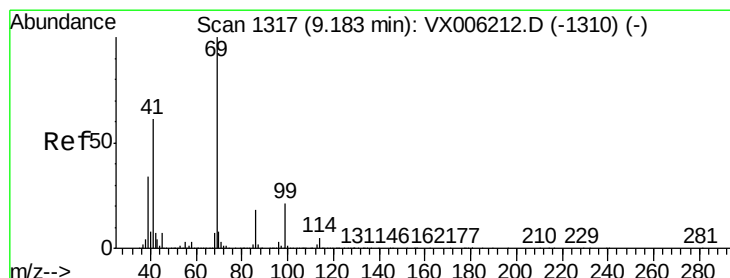
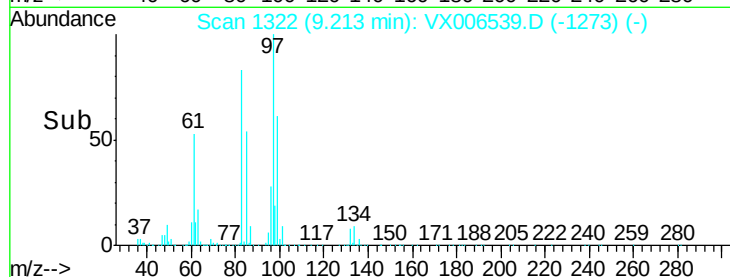
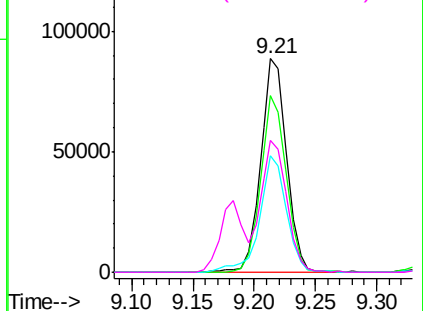
Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.8	67.1	100.7
85	54.2	43.2	64.8
99	61.4	49.8	74.6

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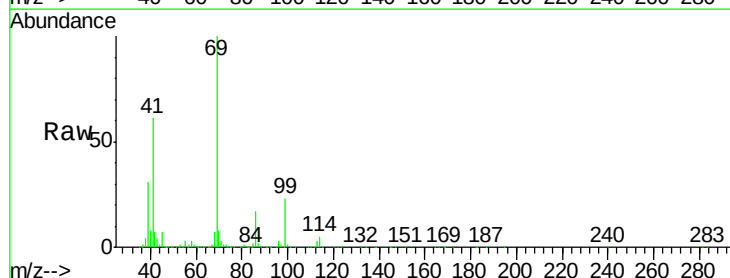


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

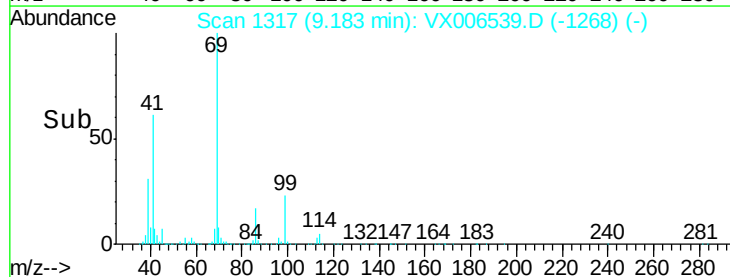
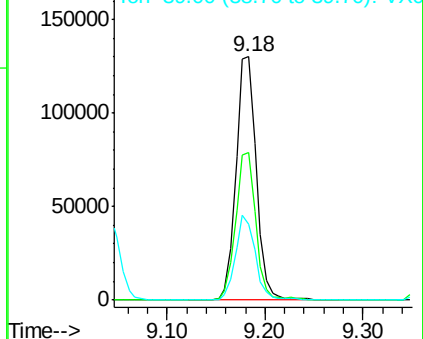


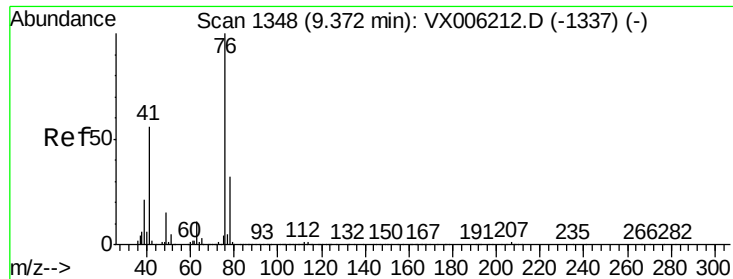
#56
 Ethyl methacrylate
 Concen: 20.421 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX006539.D
 Acq: 15 Dec 2018 03:00

Tgt Ion	Ratio	Lower	Upper
69	100		
41	59.6	50.6	76.0
39	33.5	27.6	41.4



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





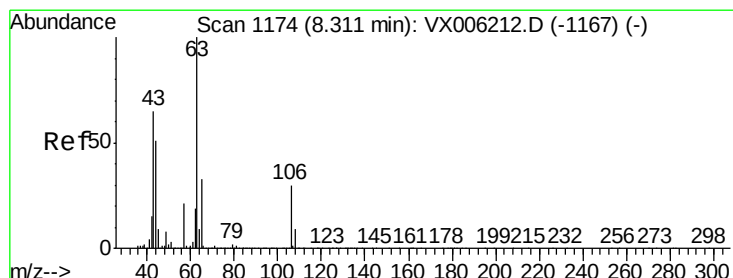
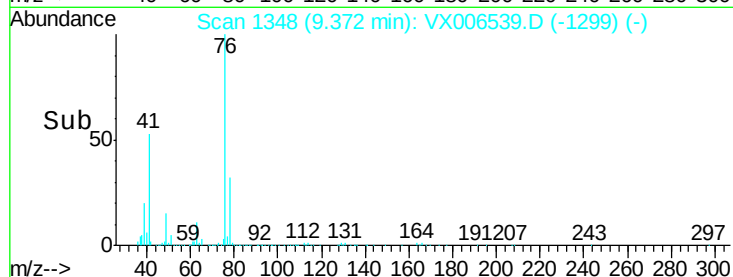
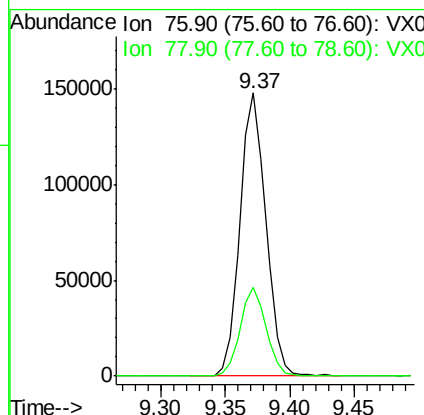
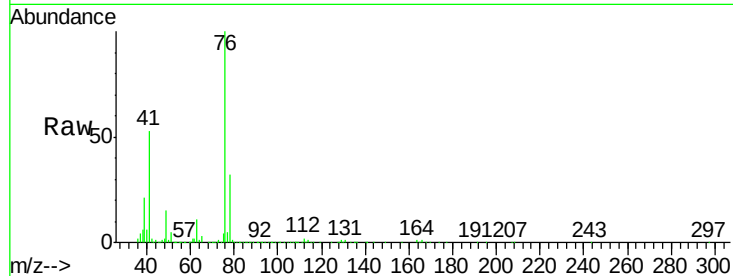
#57
 1,3-Dichloropropane
 Concen: 22.137 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX006539.D
 Acq: 15 Dec 2018 03:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1214WBSD02

Tgt Ion: 76 Resp: 205445
 Ion Ratio Lower Upper
 76 100
 78 31.5 26.1 39.1

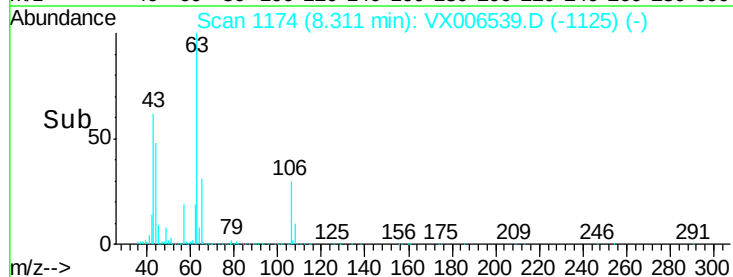
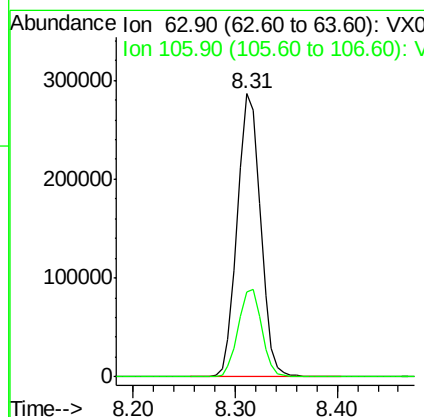
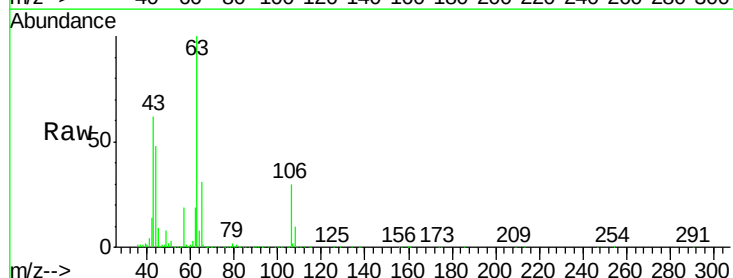
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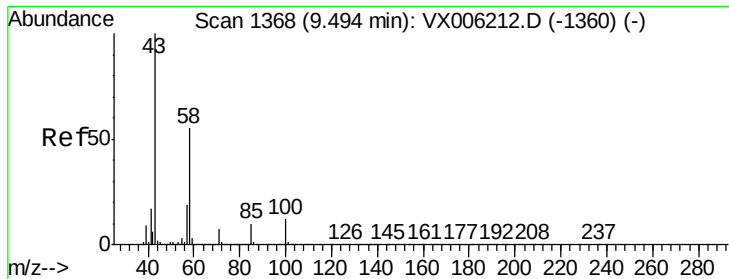
MMDadoda
 12/17/2018 12:12:40 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 96.414 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX006539.D
 Acq: 15 Dec 2018 03:00

Tgt Ion: 63 Resp: 448900
 Ion Ratio Lower Upper
 63 100
 106 31.3 24.9 37.3





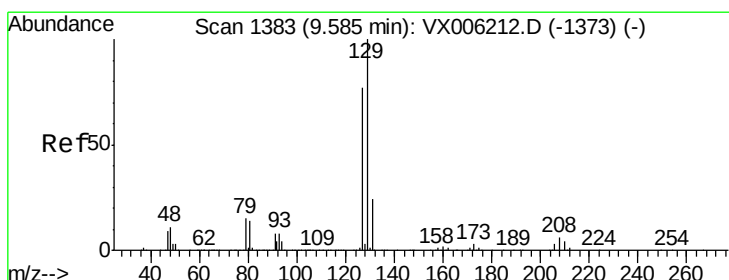
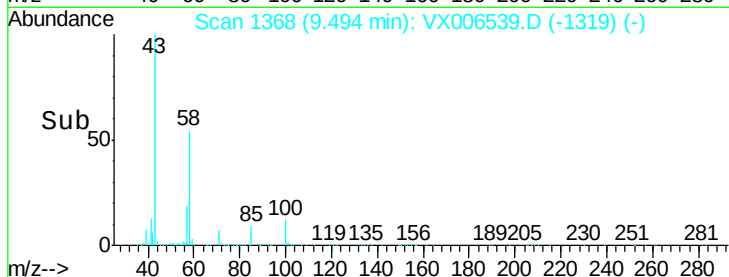
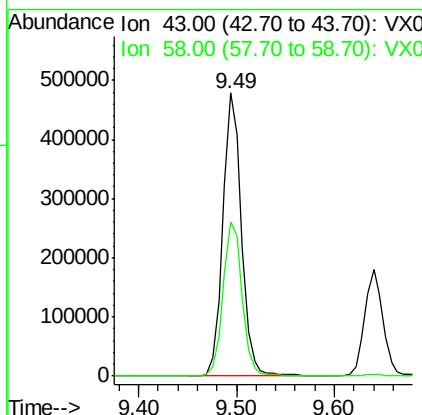
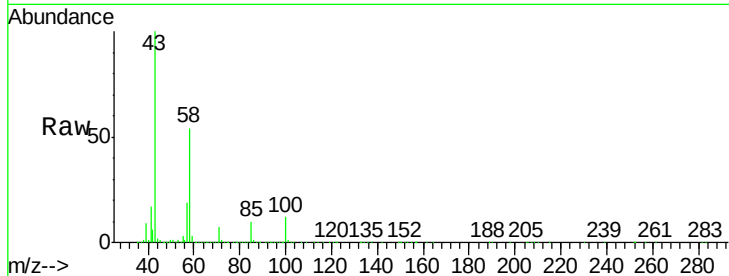
#59
2-Hexanone
Concen: 103.459 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006539.D
Acq: 15 Dec 2018 03:00

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBSD02

Tgt Ion: 43 Resp: 629896
Ion Ratio Lower Upper
43 100
58 56.2 27.7 83.1

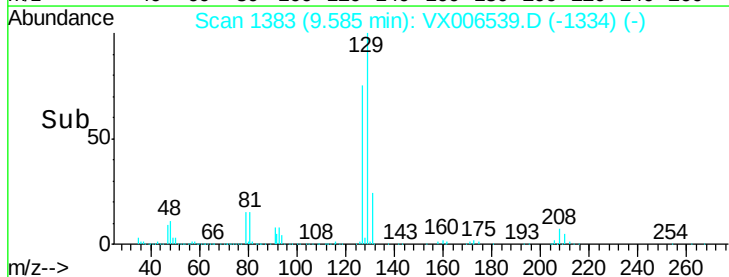
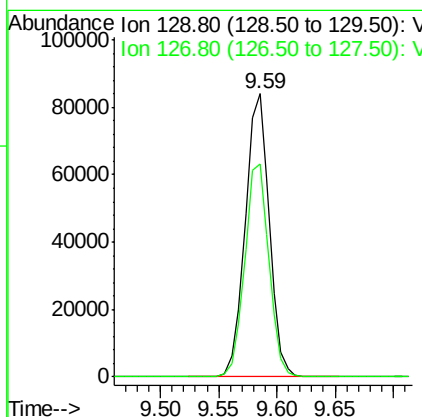
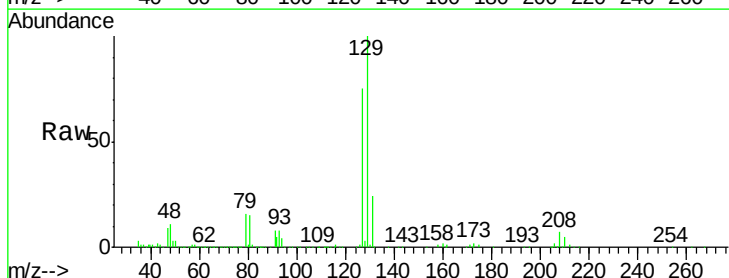
Manual Integrations
APPROVED

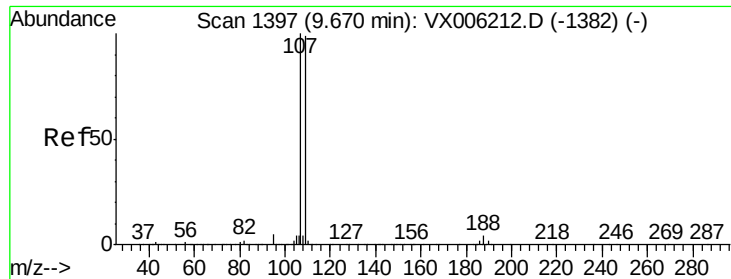
MMDadoda
12/17/2018 12:12:40 PM



#60
Dibromochloromethane
Concen: 16.777 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX006539.D
Acq: 15 Dec 2018 03:00

Tgt Ion: 129 Resp: 121415
Ion Ratio Lower Upper
129 100
127 75.7 38.6 115.8





#61

1,2-Dibromoethane

Concen: 21.291 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX006539.D

Acq: 15 Dec 2018 03:00

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBSD02

Tgt Ion: 107 Resp: 139720

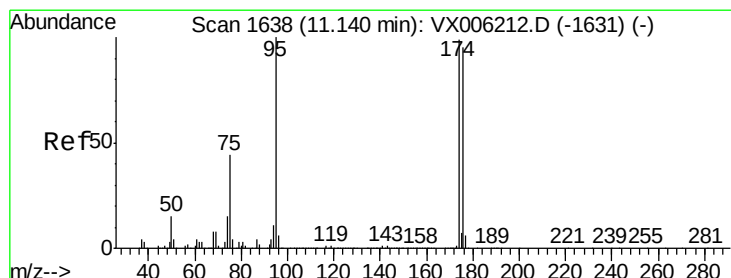
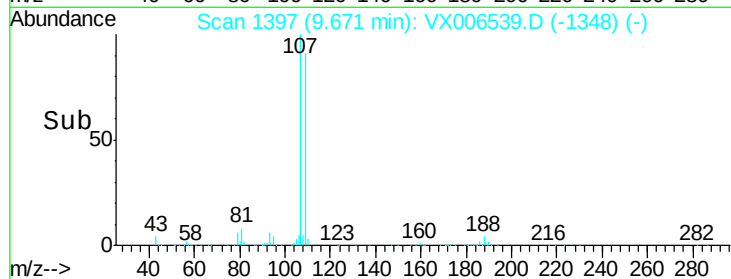
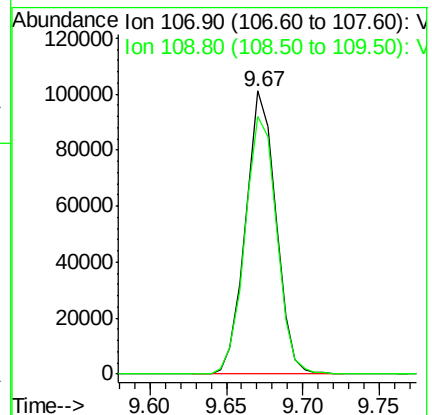
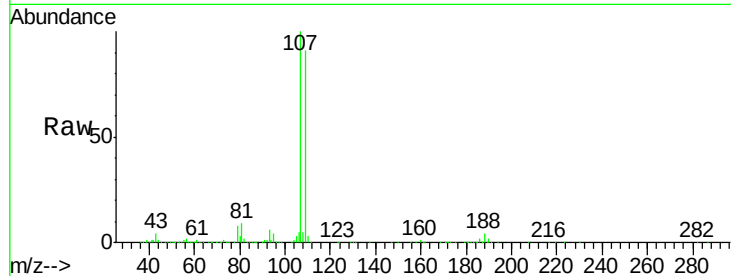
Ion Ratio Lower Upper

107 100

109 95.0 76.3 114.5

Manual Integrations
APPROVED

MMDadoda
12/17/2018 12:12:40 PM



#62

4-Bromofluorobenzene

Concen: 50.237 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006539.D

Acq: 15 Dec 2018 03:00

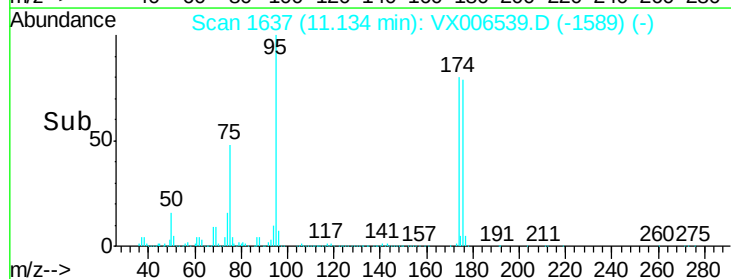
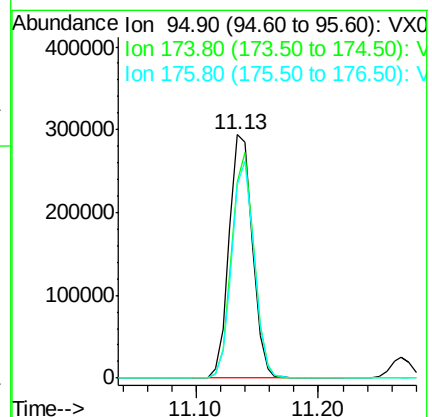
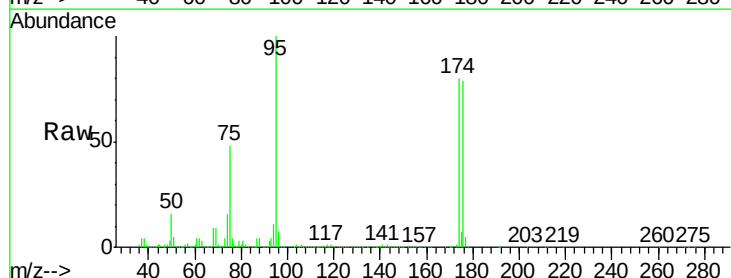
Tgt Ion: 95 Resp: 388160

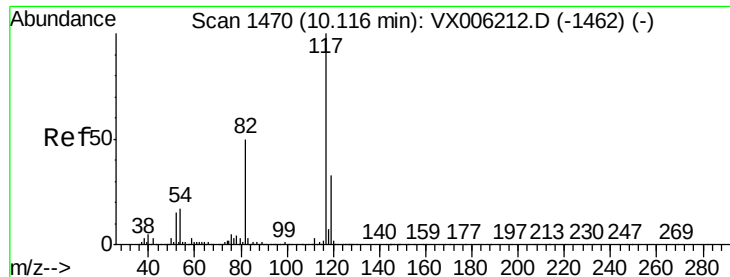
Ion Ratio Lower Upper

95 100

174 88.6 0.0 187.0

176 85.2 0.0 181.8





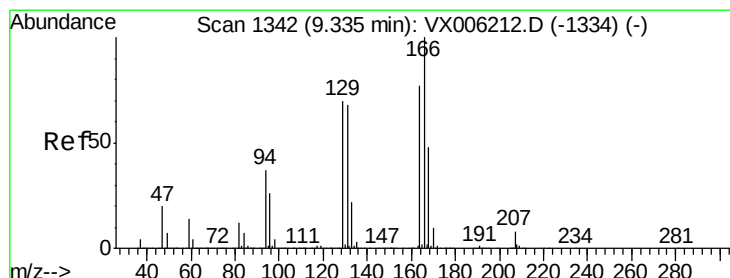
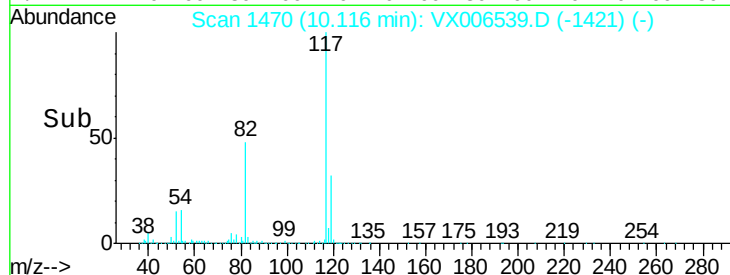
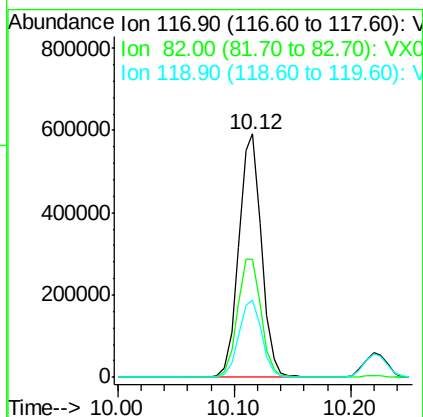
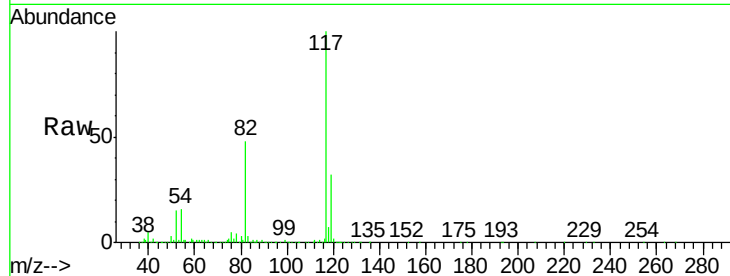
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006539.D
Acq: 15 Dec 2018 03:00

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBSD02

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	800787		
82	48.3		39.6	59.4
119	31.6		26.3	39.5

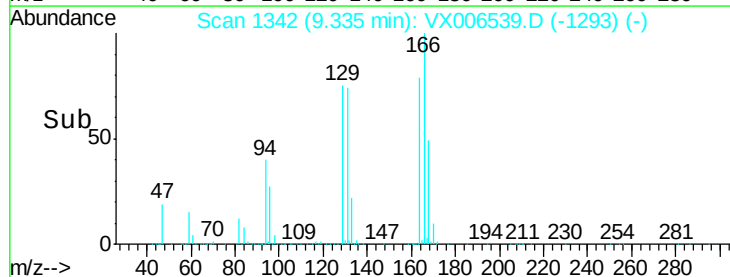
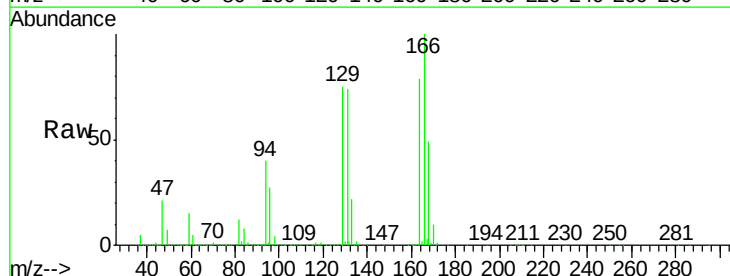
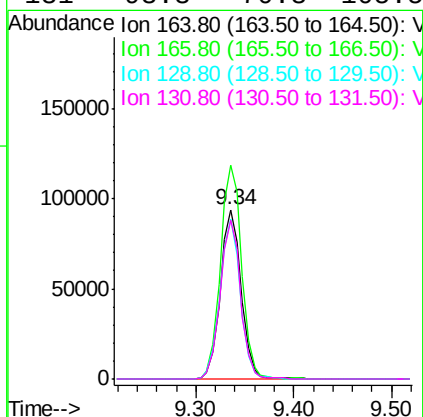
Manual Integrations
APPROVED

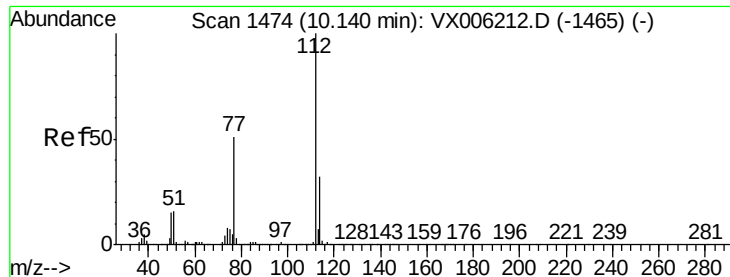
MMDadoda
12/17/2018 12:12:40 PM



#64
Tetrachloroethene
Concen: 22.833 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006539.D
Acq: 15 Dec 2018 03:00

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	137696		
166	126.0		104.2	156.2
129	94.0		72.6	108.8
131	93.3		70.3	105.5





#65

Chlorobenzene

Concen: 21.528 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX006539.D

Acq: 15 Dec 2018 03:00

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBSD02

Tgt Ion:112 Resp: 365960

Ion Ratio Lower Upper

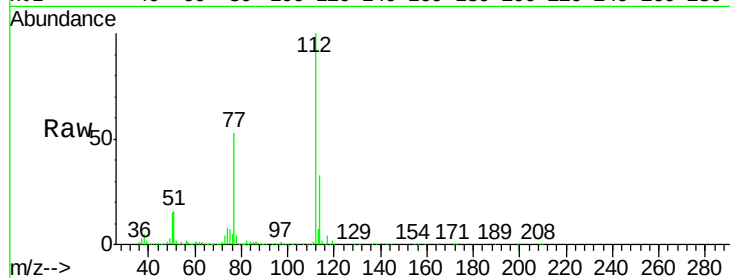
112 100

114 32.9 25.4 38.2

Manual Integrations
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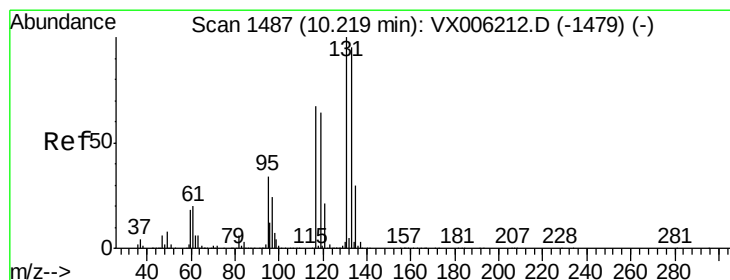
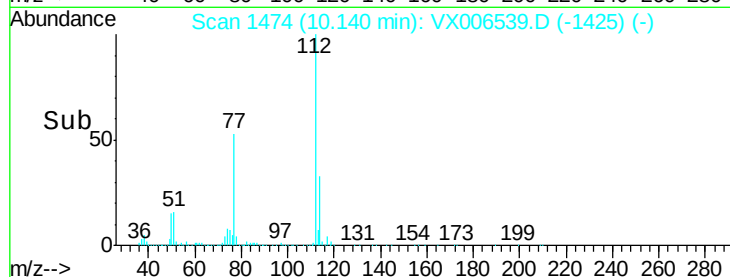
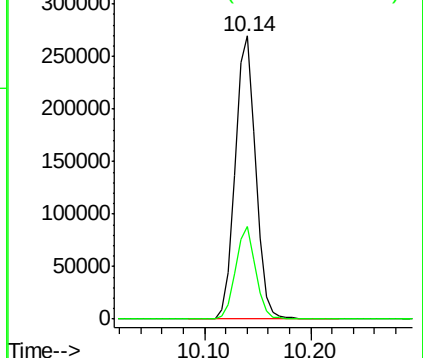
MMDadoda

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 17.968 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX006539.D

Acq: 15 Dec 2018 03:00

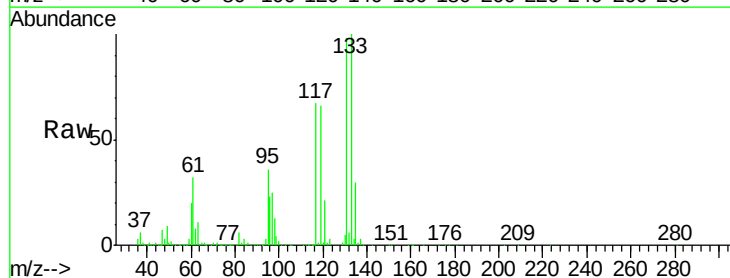
Tgt Ion:131 Resp: 118674

Ion Ratio Lower Upper

131 100

133 98.7 48.1 144.4

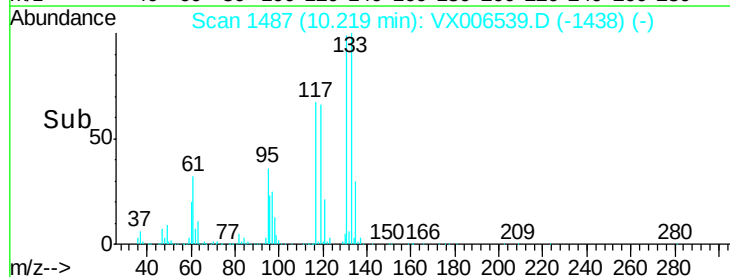
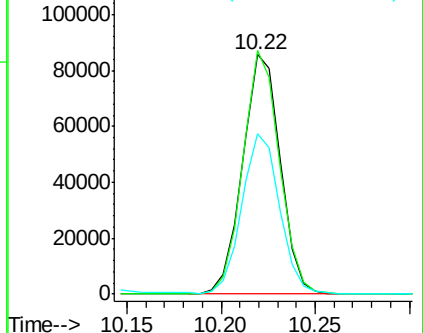
119 66.9 32.1 96.3

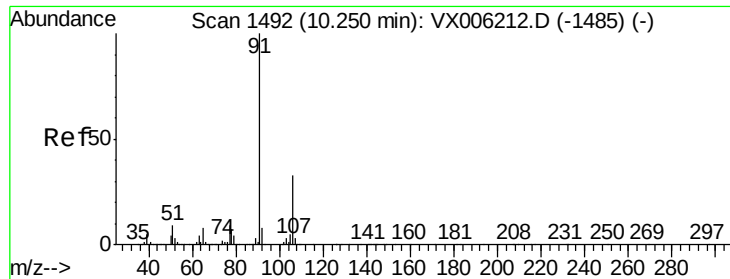


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 21.344 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX006539.D

Acq: 15 Dec 2018 03:00

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBSD02

Tgt Ion: 91 Resp: 603456

Ion Ratio Lower Upper

91 100

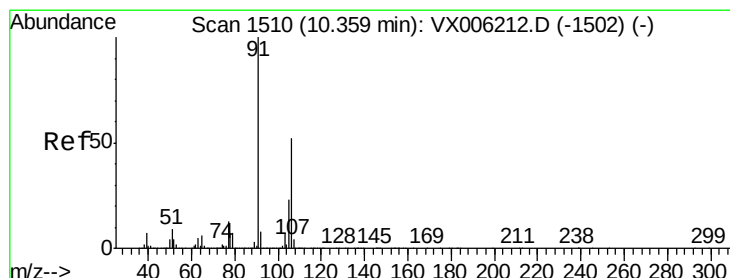
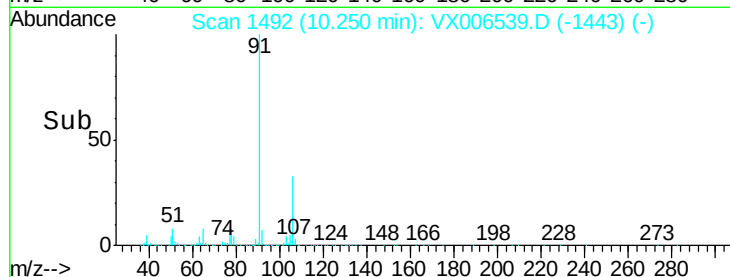
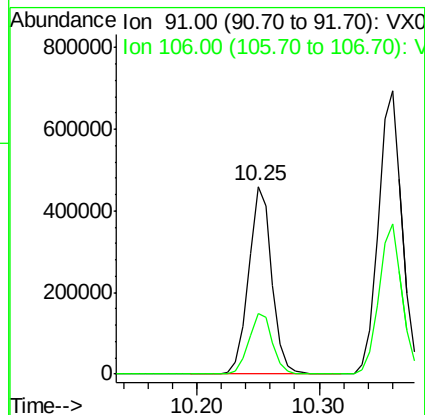
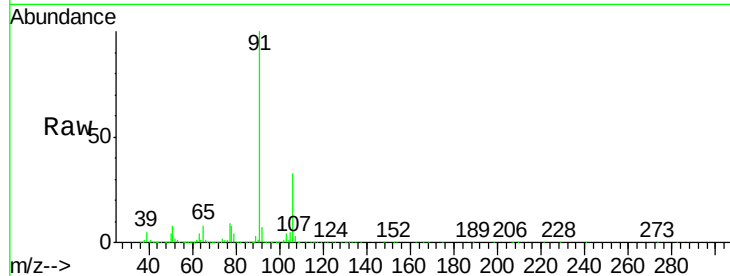
106 32.6 26.5 39.7

Manual Integrations

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#68

m/p-Xylenes

Concen: 42.946 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006539.D

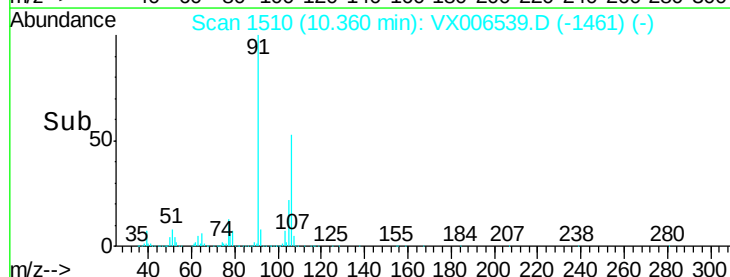
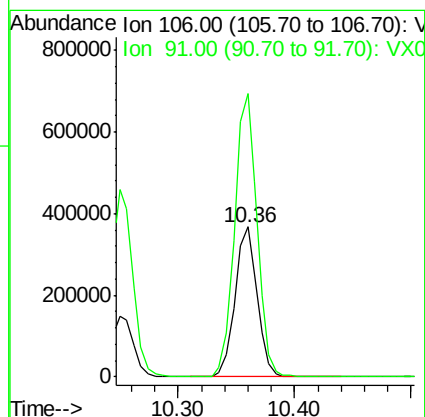
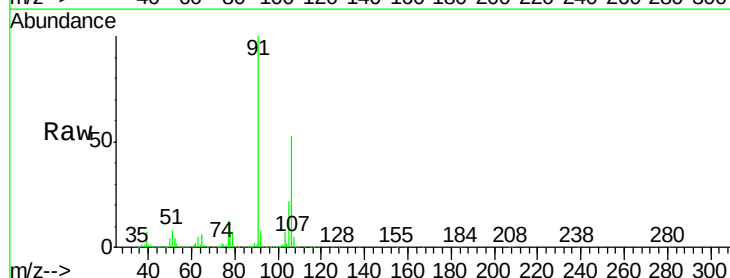
Acq: 15 Dec 2018 03:00

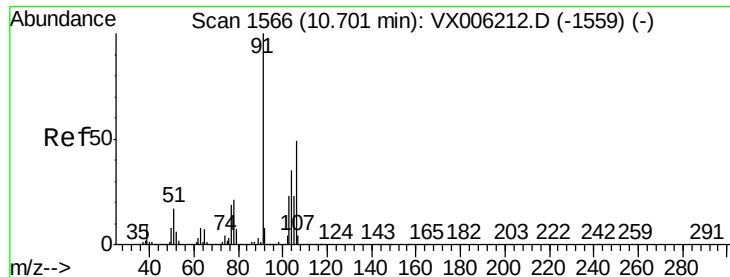
Tgt Ion: 106 Resp: 486374

Ion Ratio Lower Upper

106 100

91 190.8 155.2 232.8





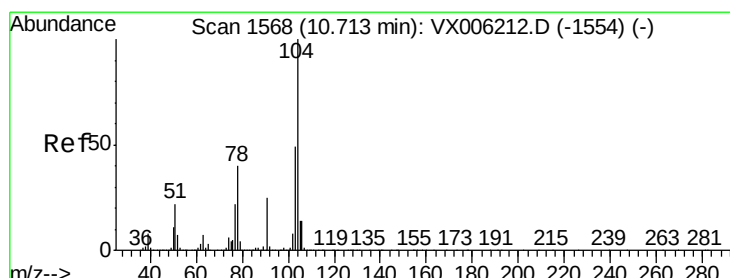
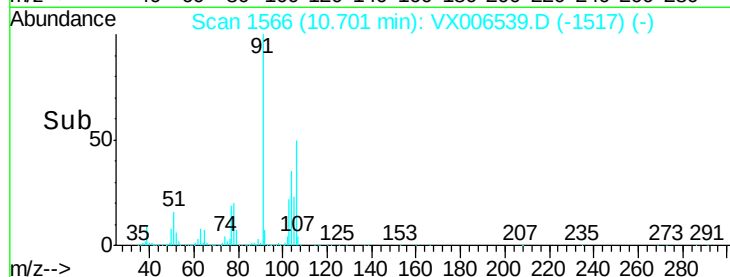
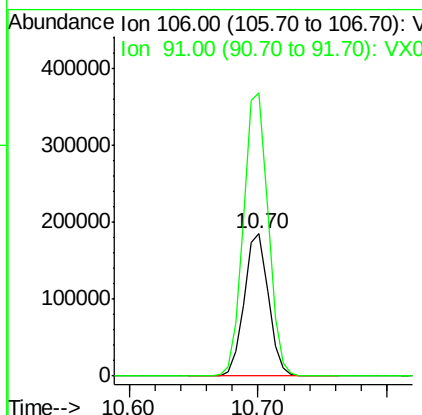
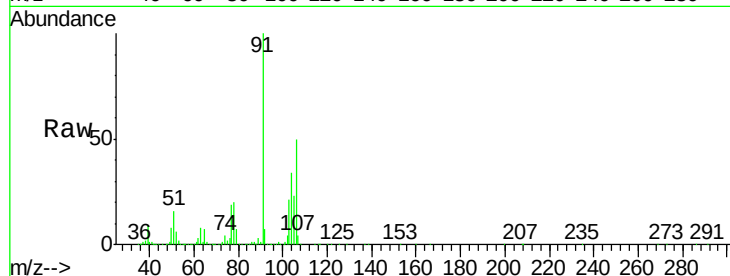
#69
o-Xylene
Concen: 21.401 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006539.D
Acq: 15 Dec 2018 03:00

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBSD02

Tgt Ion:106 Resp: 239405
Ion Ratio Lower Upper
106 100
91 203.3 101.8 305.6

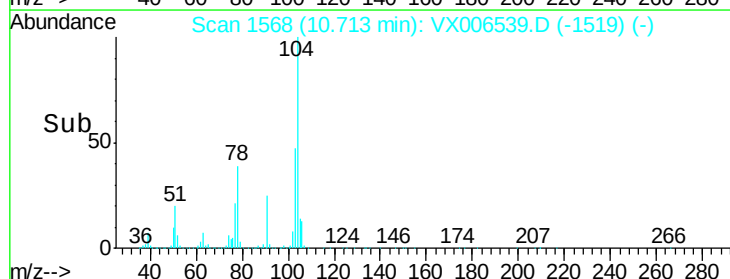
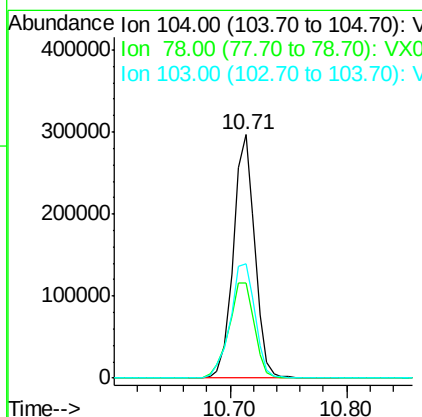
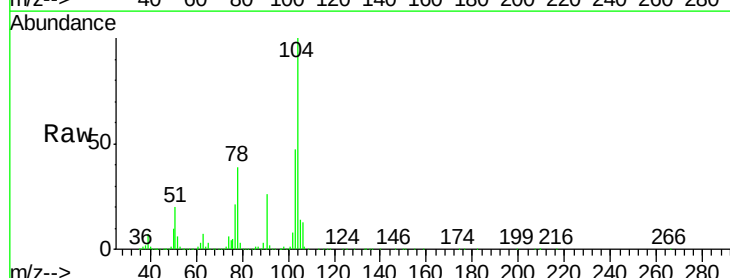
Manual Integrations
APPROVED

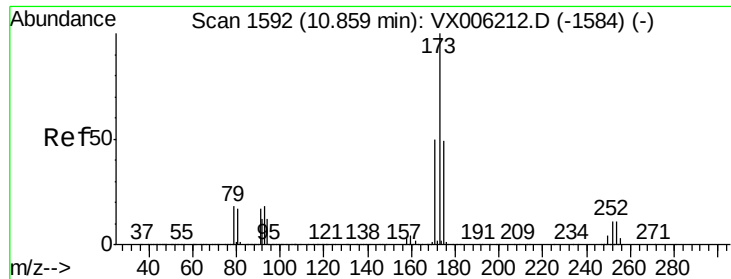
MMDadoda
12/17/2018 12:12:40 PM



#70
Styrene
Concen: 21.070 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006539.D
Acq: 15 Dec 2018 03:00

Tgt Ion:104 Resp: 381212
Ion Ratio Lower Upper
104 100
78 46.5 37.2 55.8
103 54.6 43.5 65.3





#71

Bromoform

Concen: 13.623 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006539.D

Acq: 15 Dec 2018 03:00

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBSD02

Tgt Ion:173 Resp: 84936

Ion Ratio Lower Upper

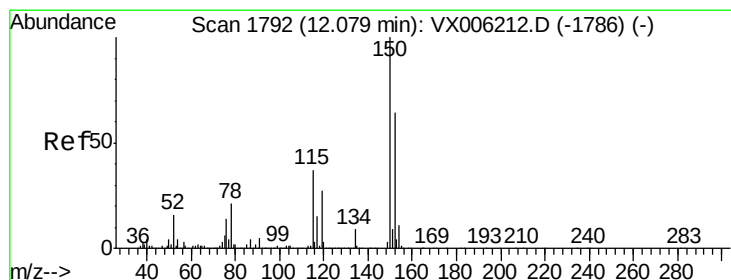
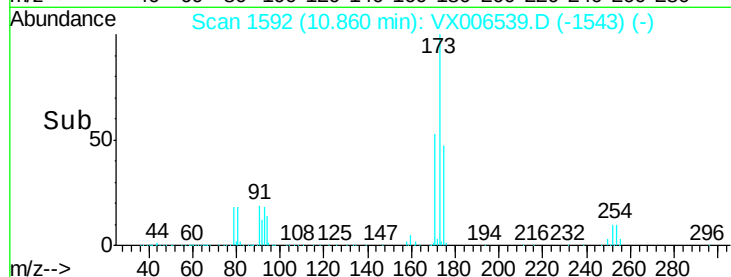
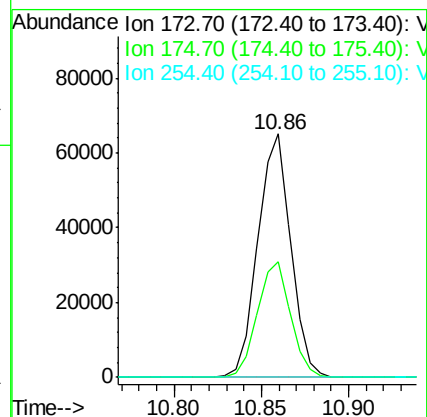
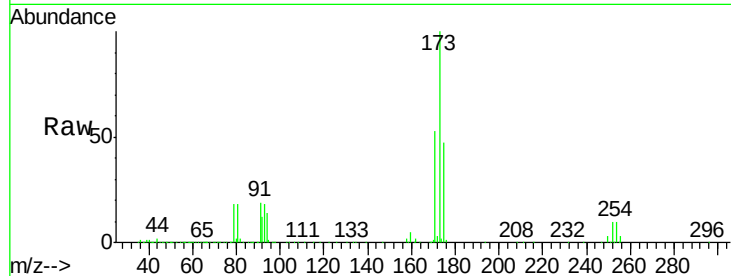
173 100

175 47.9 24.6 73.8

254 0.2 0.2 0.2#

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006539.D

Acq: 15 Dec 2018 03:00

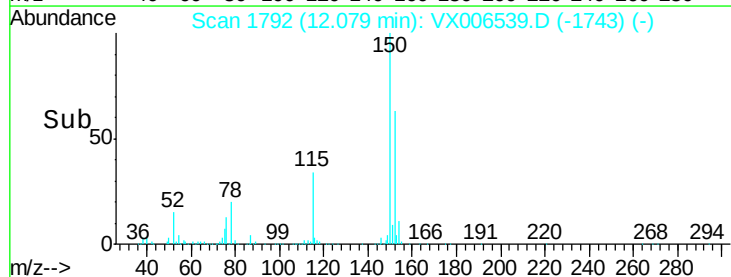
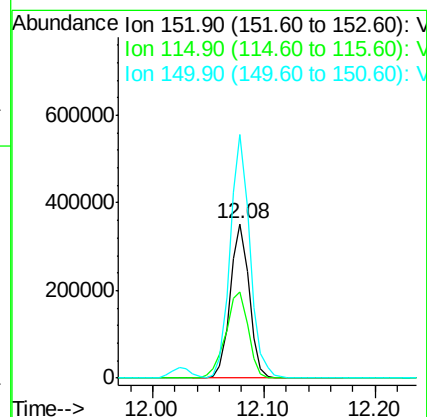
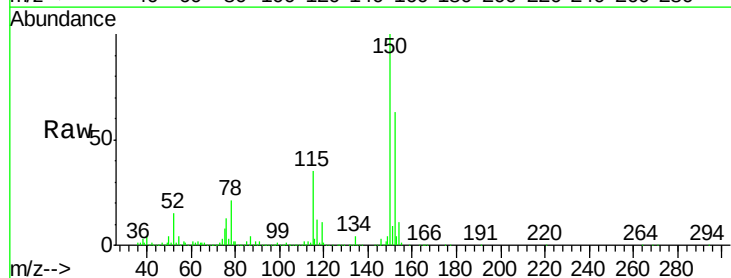
Tgt Ion:152 Resp: 413527

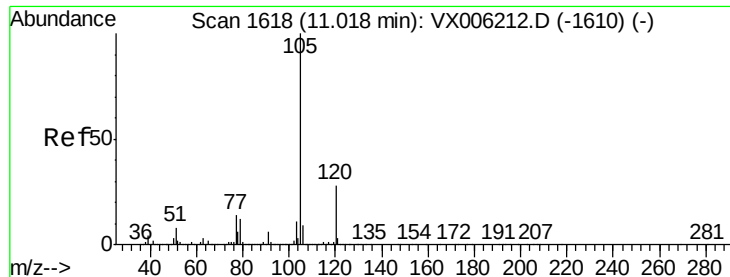
Ion Ratio Lower Upper

152 100

115 66.7 39.0 116.9

150 164.5 0.0 345.8





#73

Isopropylbenzene

Concen: 22.020 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006539.D

Acq: 15 Dec 2018 03:00

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBSD02

Tgt Ion: 105 Resp: 628853

Ion Ratio Lower Upper

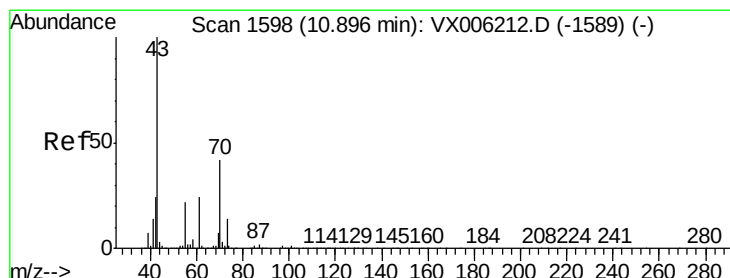
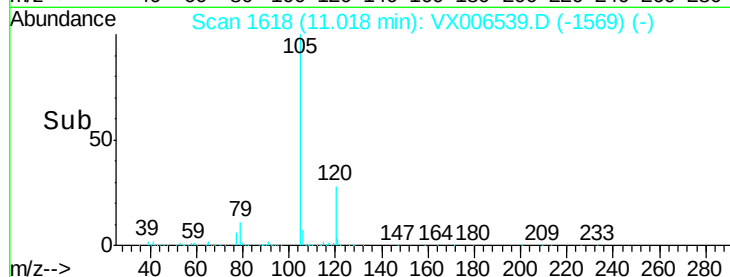
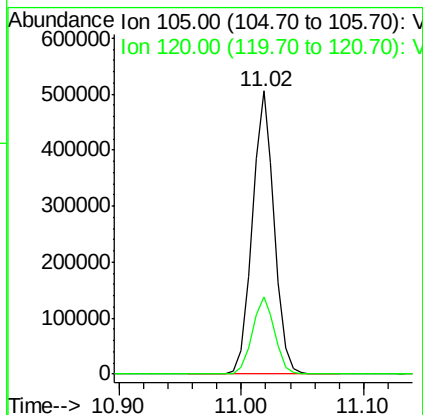
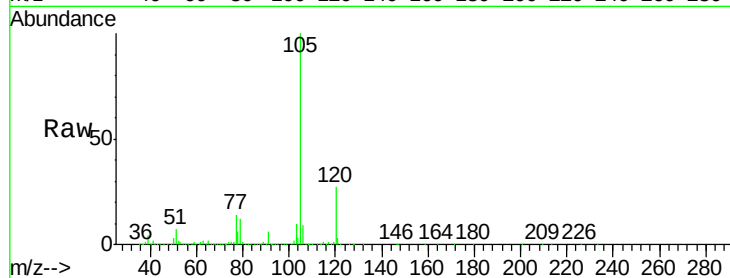
105 100

120 27.8 14.1 42.3

Manual Integrations
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#74

N-ethyl acetate

Concen: 18.440 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006539.D

Acq: 15 Dec 2018 03:00

Tgt Ion: 43 Resp: 226768

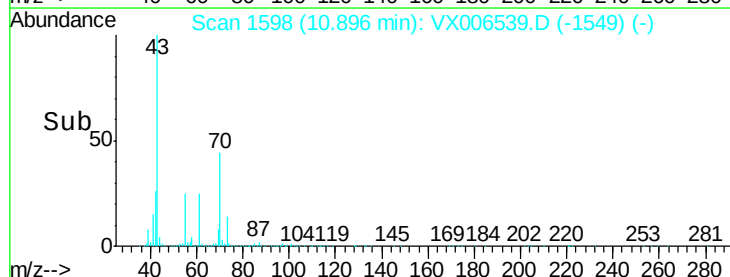
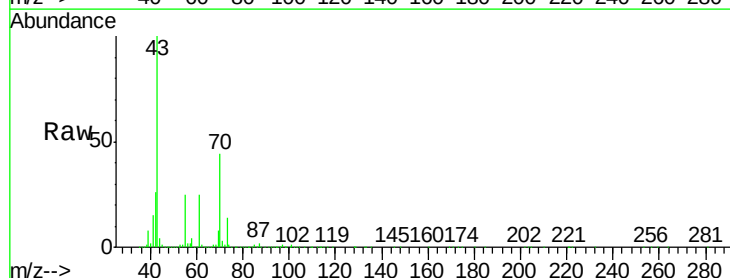
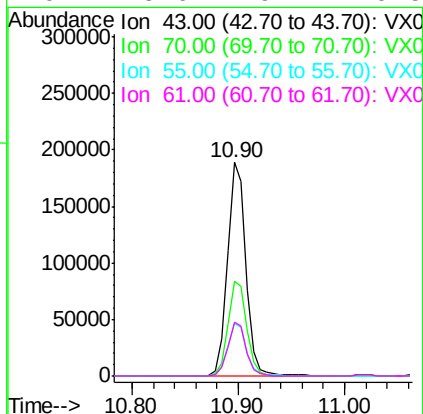
Ion Ratio Lower Upper

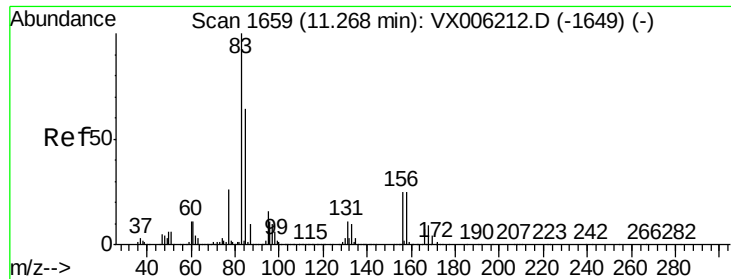
43 100

70 45.7 34.1 51.1

55 25.2 17.8 26.8

61 25.6 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 21.039 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006539.D

Acq: 15 Dec 2018 03:00

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBSD02

Tgt Ion: 83 Resp: 192218

Ion Ratio Lower Upper

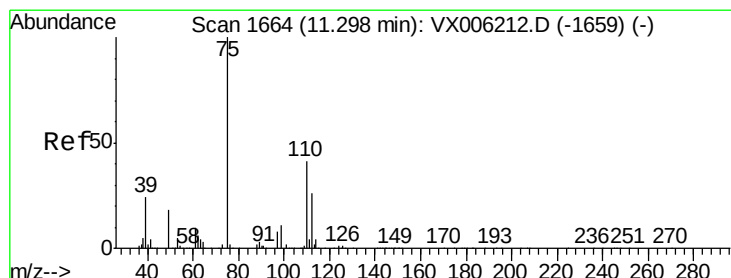
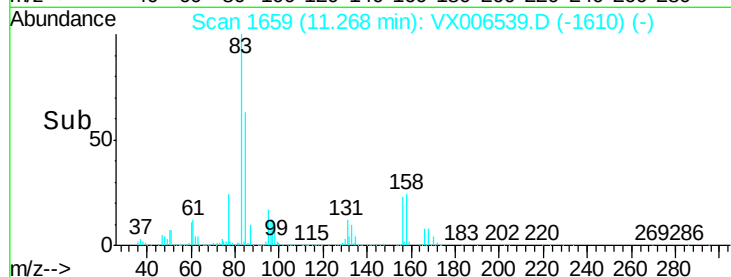
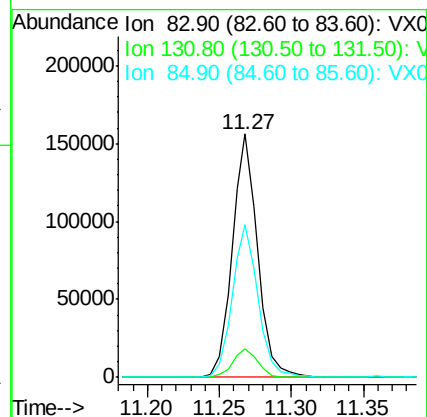
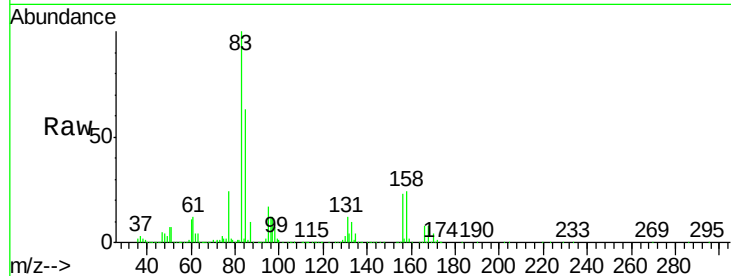
83 100

131 11.6 5.7 17.1

85 64.2 32.1 96.5

Manual Integrations
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12/17/2018 12:12:40 PM



#76

1,2,3-Trichloropropane

Concen: 21.748 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX006539.D

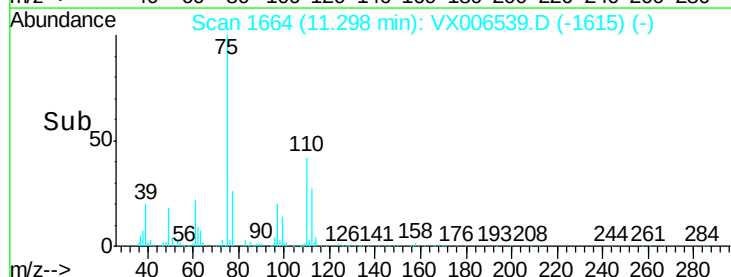
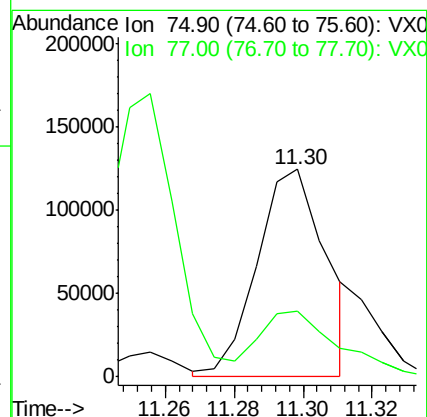
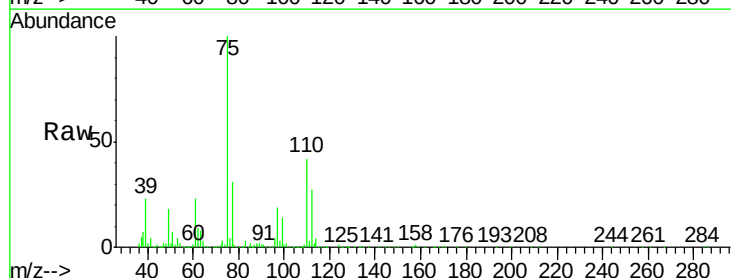
Acq: 15 Dec 2018 03:00

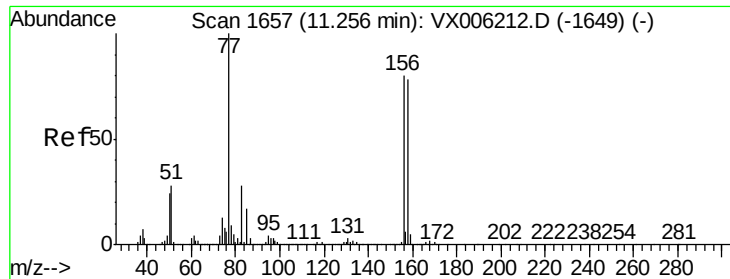
Tgt Ion: 75 Resp: 173590

Ion Ratio Lower Upper

75 100

77 36.1 19.9 59.7





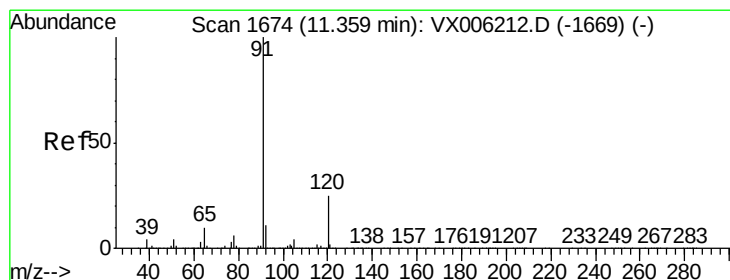
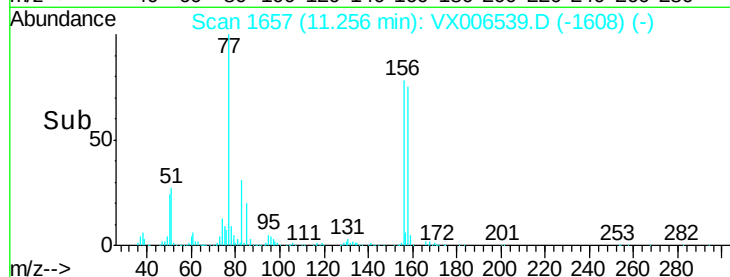
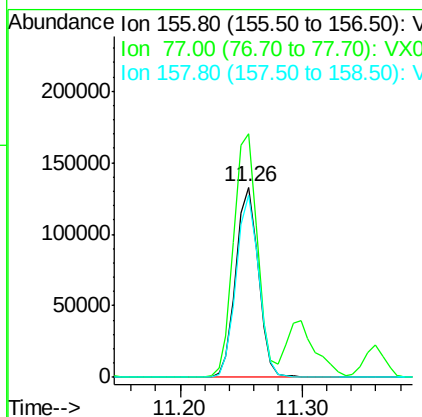
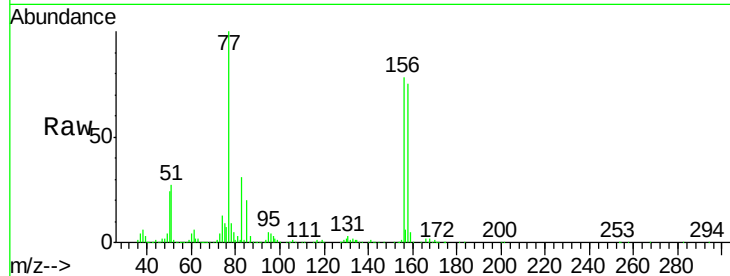
#77
Bromobenzene
Concen: 21.310 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. 0.00 min
Lab File: VX006539.D
Acq: 15 Dec 2018 03:00

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBSD02

Tgt Ion	Ratio	Lower	Upper
156	100		
77	136.0	66.2	198.6
158	96.5	48.8	146.4

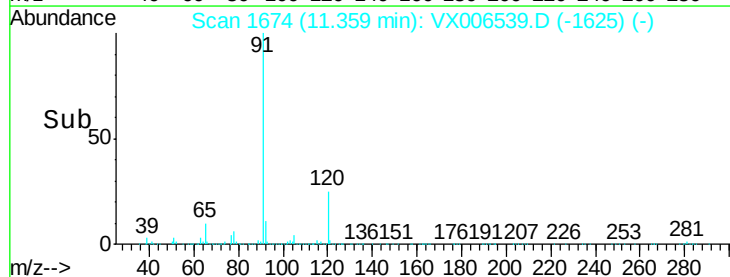
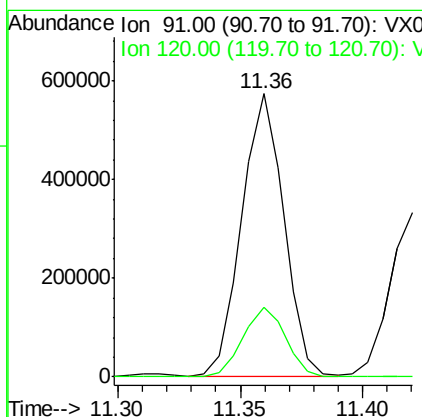
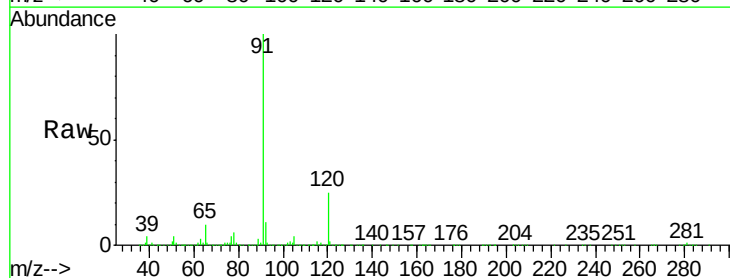
Manual Integrations
APPROVED

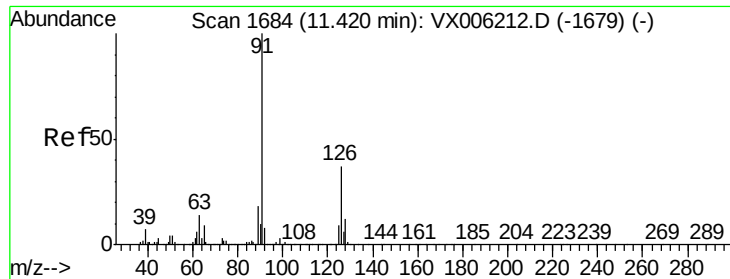
MMDadoda
12/17/2018 12:12:40 PM



#78
n-propylbenzene
Concen: 21.612 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VX006539.D
Acq: 15 Dec 2018 03:00

Tgt Ion	Ratio	Lower	Upper
91	100		
120	25.3	12.7	38.0





#79

2-Chlorotoluene

Concen: 21.800 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006539.D

Acq: 15 Dec 2018 03:00

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBSD02

Tgt Ion: 91 Resp: 411321

Ion Ratio Lower Upper

91 100

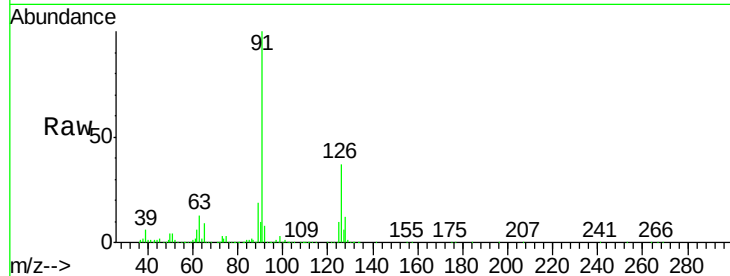
126 37.8 18.6 56.0

Manual Integrations

APPROVED

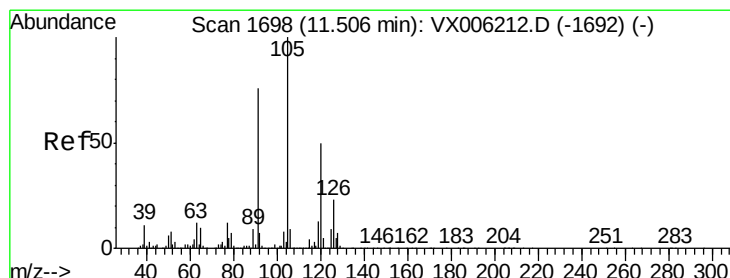
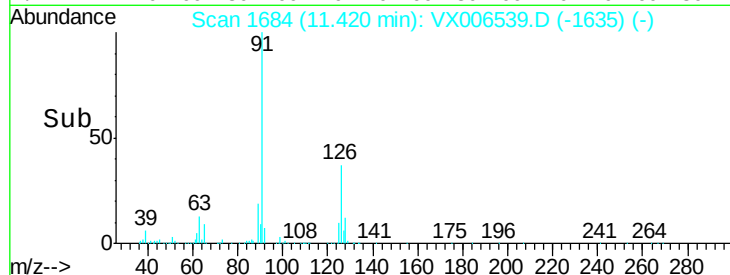
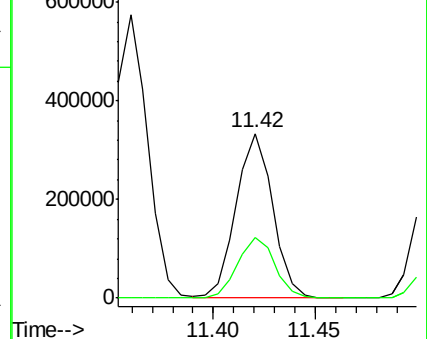
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 21.698 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006539.D

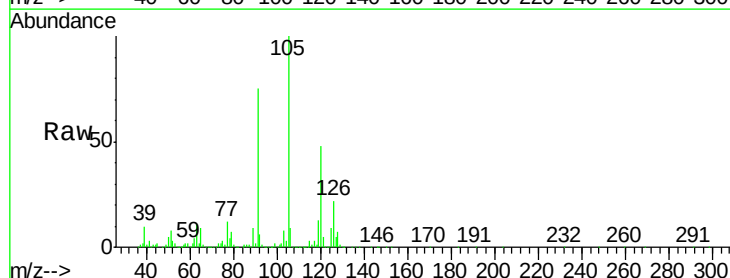
Acq: 15 Dec 2018 03:00

Tgt Ion: 105 Resp: 515550

Ion Ratio Lower Upper

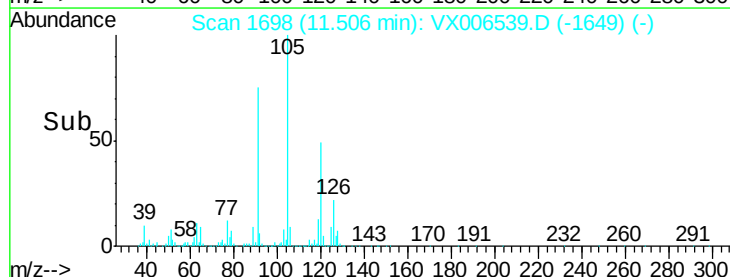
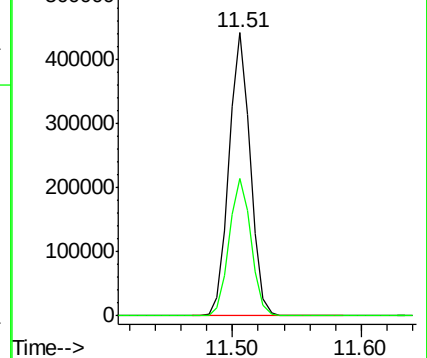
105 100

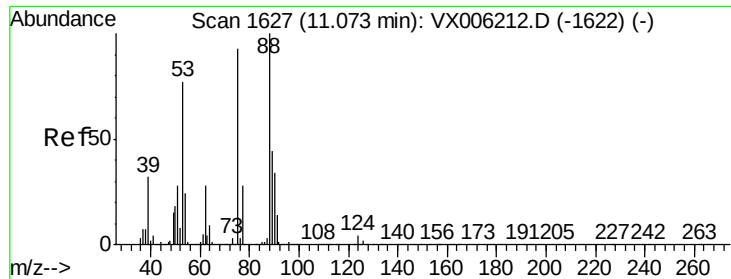
120 49.9 25.4 76.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 12.014 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX006539.D

Acq: 15 Dec 2018 03:00

Instrument :

MSVOA_X

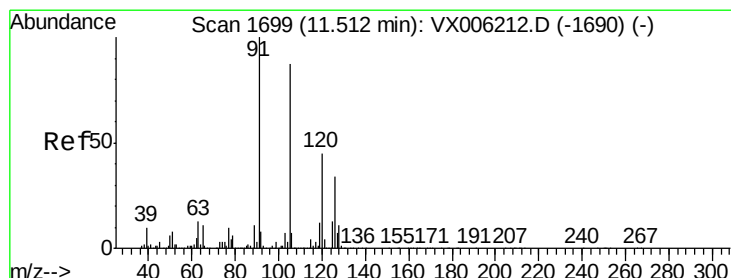
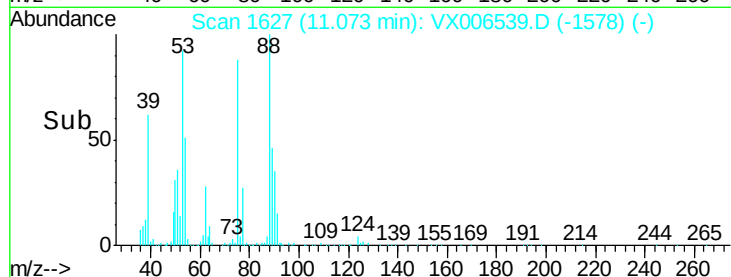
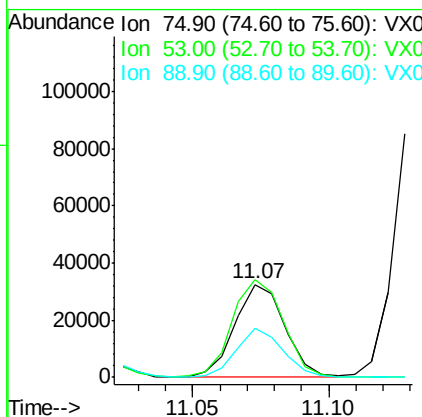
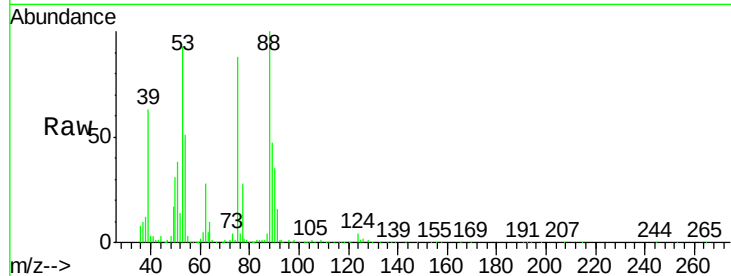
ClientSampleId :

VX1214WBSD02

Tgt Ion:	75	Resp:	40861
Ion Ratio	Lower	Upper	
75	100		
53	108.5	64.4	96.6#
89	50.0	44.2	66.4

Manual Integrations
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#82

4-Chlorotoluene

Concen: 21.561 ug/l

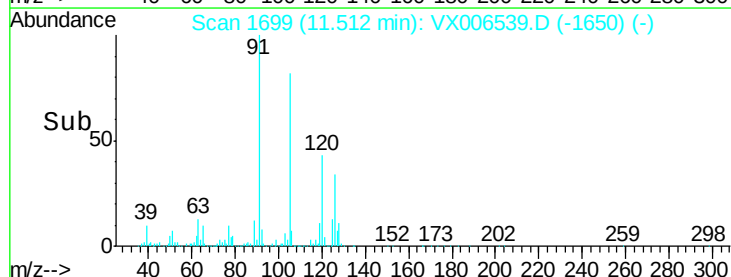
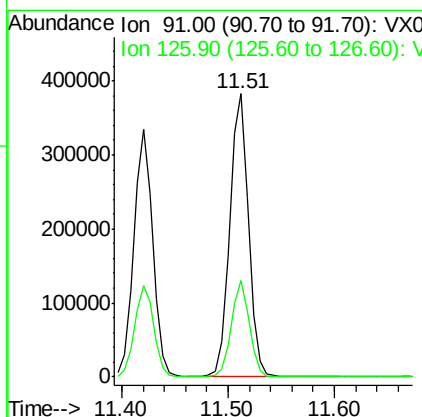
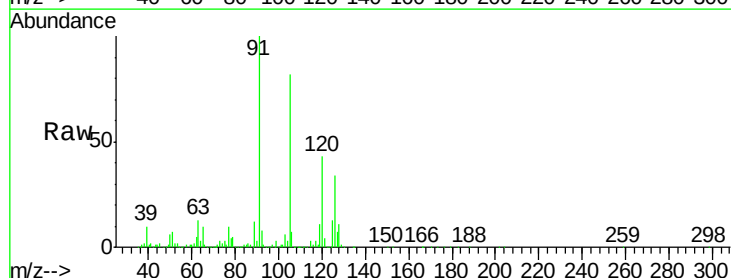
RT: 11.51 min Scan# 1699

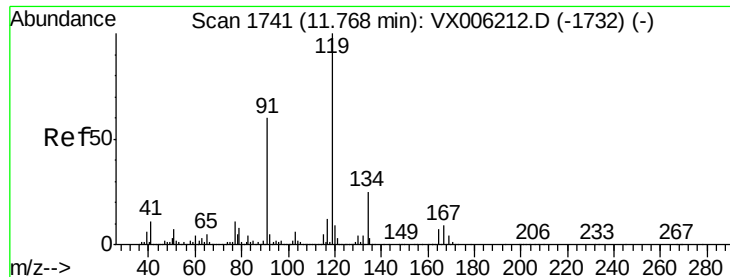
Delta R.T. 0.00 min

Lab File: VX006539.D

Acq: 15 Dec 2018 03:00

Tgt Ion:	91	Resp:	472981
Ion Ratio	Lower	Upper	
91	100		
126	32.9	16.4	49.4





#83

tert-Butylbenzene

Concen: 20.936 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX006539.D

Acq: 15 Dec 2018 03:00

Instrument :

MSVOA_X

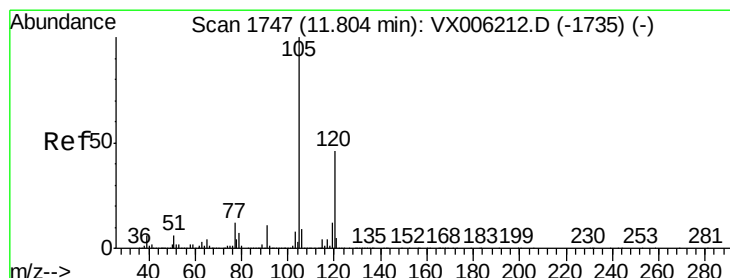
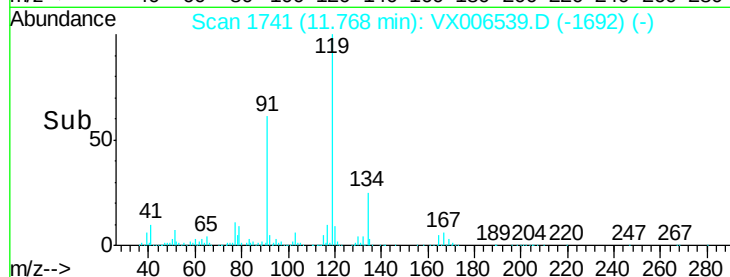
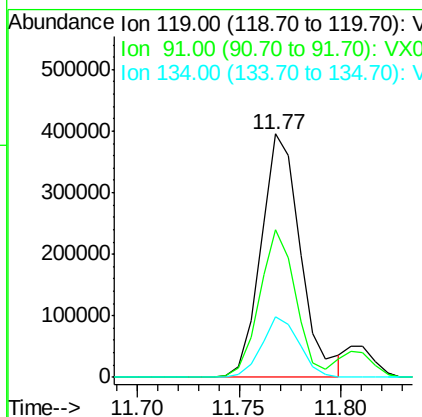
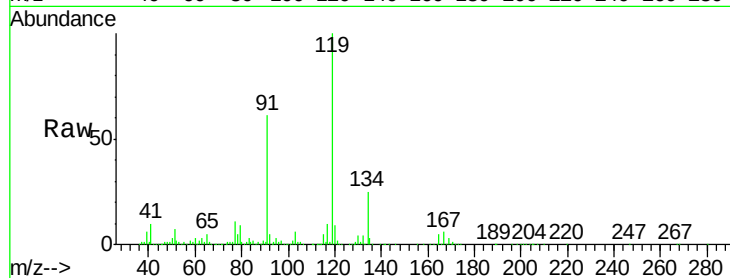
ClientSampleId :

VX1214WBSD02

Tgt Ion:	119	Resp:	530758
Ion Ratio	Lower	Upper	
119	100		
91	55.9	26.4	79.2
134	23.7	11.6	34.7

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 21.862 ug/l

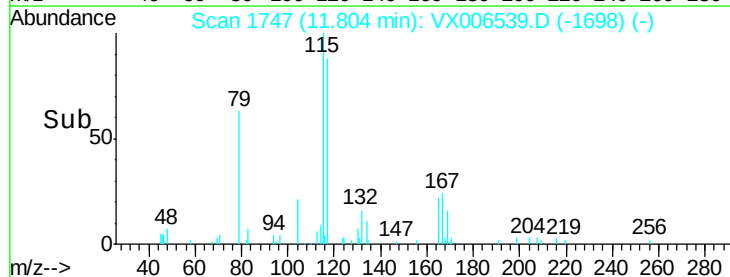
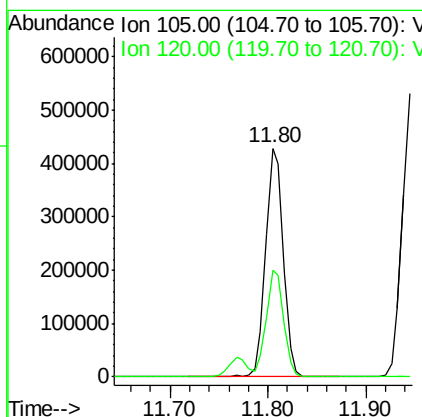
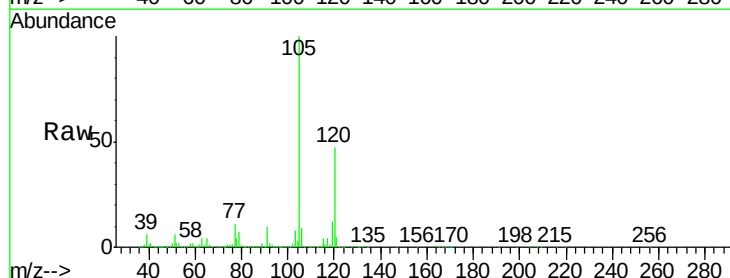
RT: 11.80 min Scan# 1747

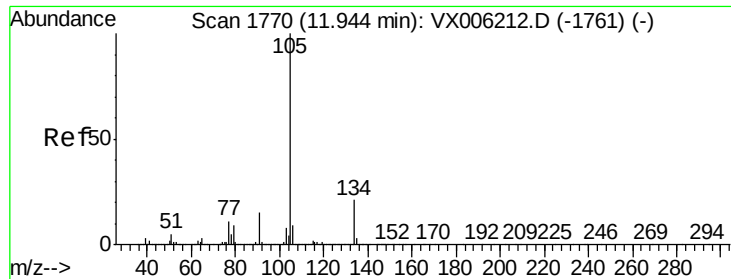
Delta R.T. 0.00 min

Lab File: VX006539.D

Acq: 15 Dec 2018 03:00

Tgt Ion:	105	Resp:	536397
Ion Ratio	Lower	Upper	
105	100		
120	45.8	23.4	70.0





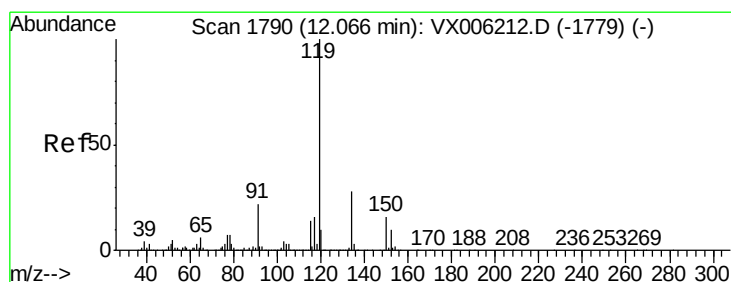
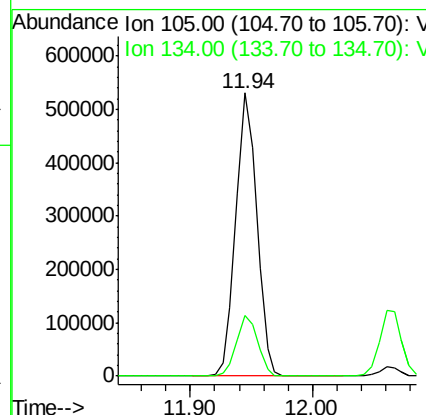
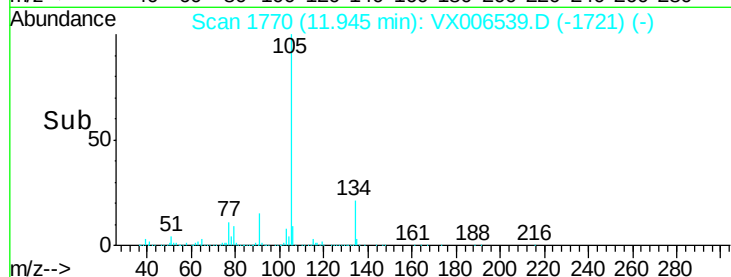
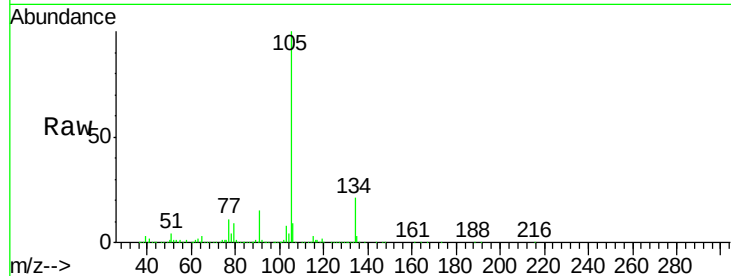
#85
 sec-Butylbenzene
 Concen: 21.845 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX006539.D
 Acq: 15 Dec 2018 03:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1214WBSD02

Tgt Ion	Ratio	Lower	Upper
105	100		
134	21.5	10.8	32.4

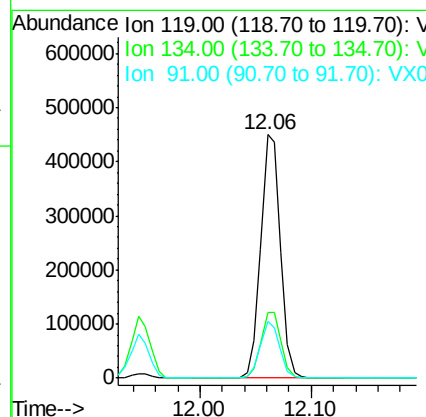
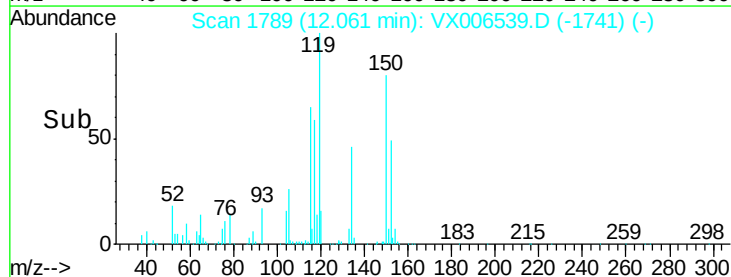
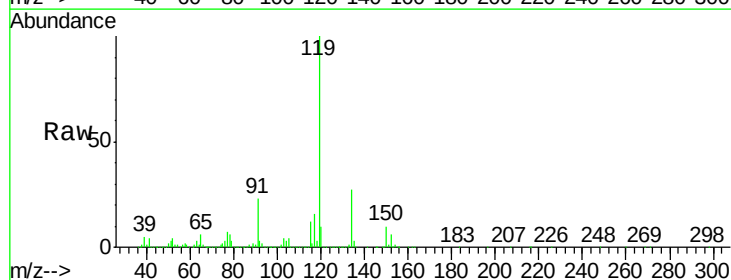
Manual Integrations
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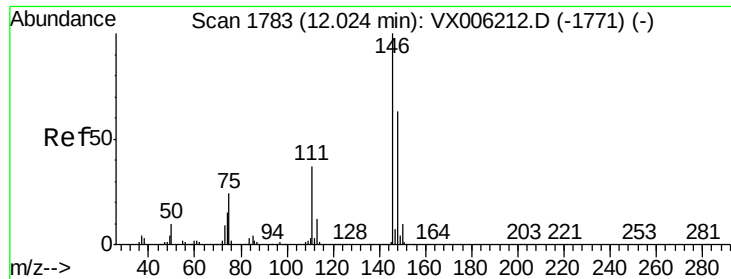
MMDadoda
 12/17/2018 12:12:40 PM



#86
 p-Isopropyltoluene
 Concen: 21.352 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.01 min
 Lab File: VX006539.D
 Acq: 15 Dec 2018 03:00

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.8	13.9	41.6
91	22.7	11.3	33.8





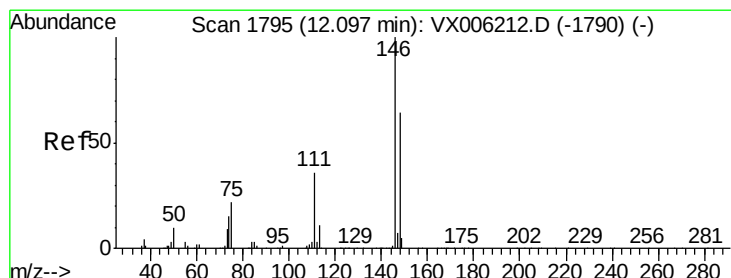
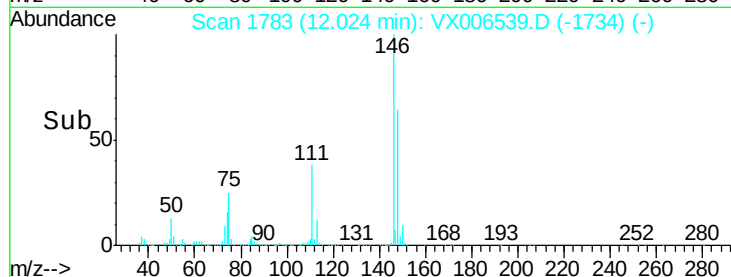
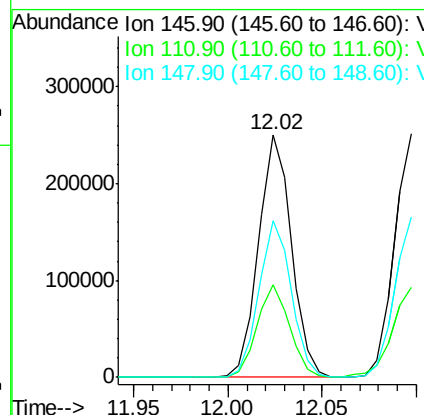
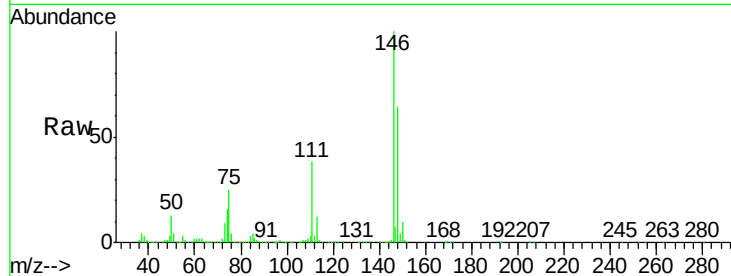
#87
 1,3-Dichlorobenzene
 Concen: 21.487 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX006539.D
 Acq: 15 Dec 2018 03:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1214WBSD02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.9	18.4	55.2
148	63.6	32.0	96.0

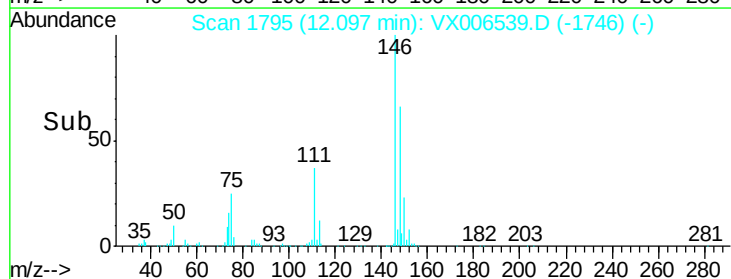
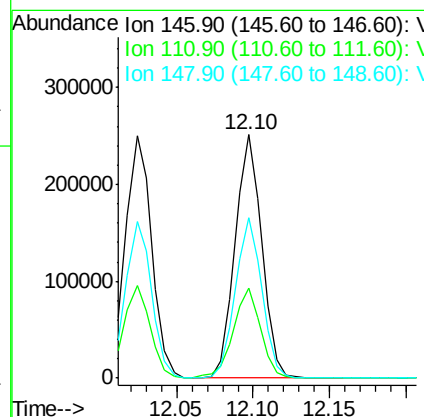
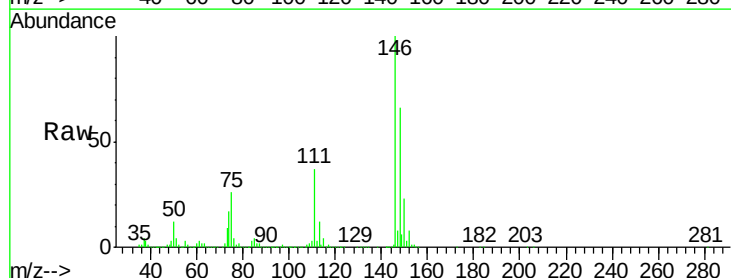
Manual Integrations
 APPROVED

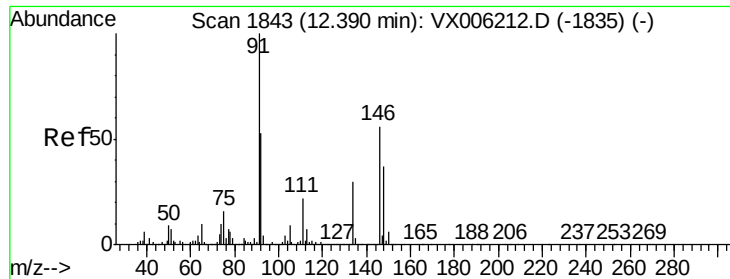
MMDadoda
 12/17/2018 12:12:40 PM



#88
 1,4-Dichlorobenzene
 Concen: 21.190 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX006539.D
 Acq: 15 Dec 2018 03:00

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.3	54.8
148	65.4	31.9	95.9





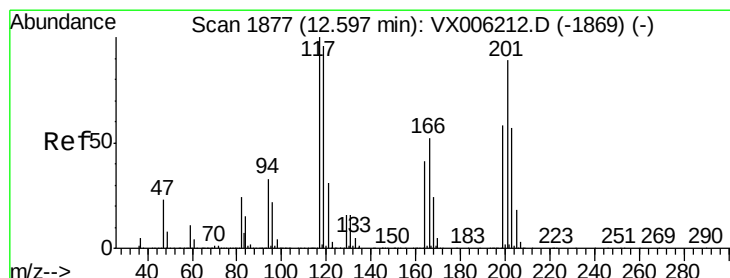
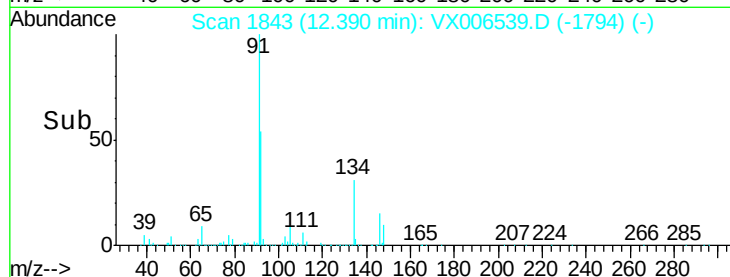
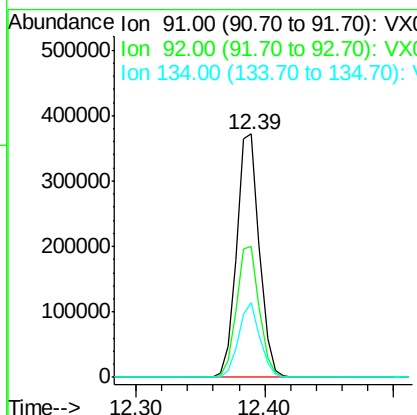
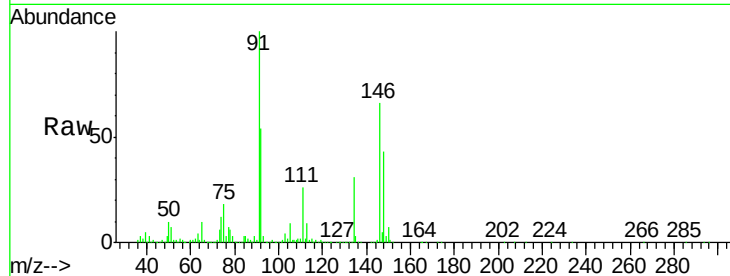
#89
n-Butylbenzene
Concen: 20.551 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX006539.D
Acq: 15 Dec 2018 03:00

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBSD02

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.1	26.6	79.8
134	29.1	14.8	44.3

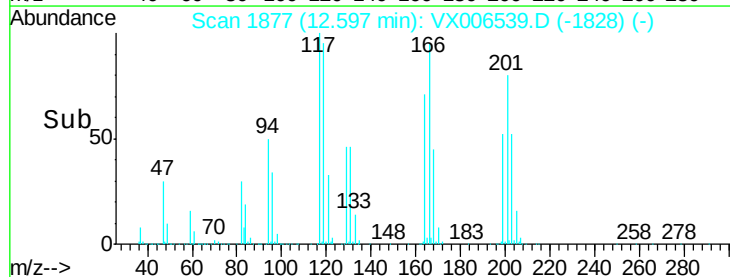
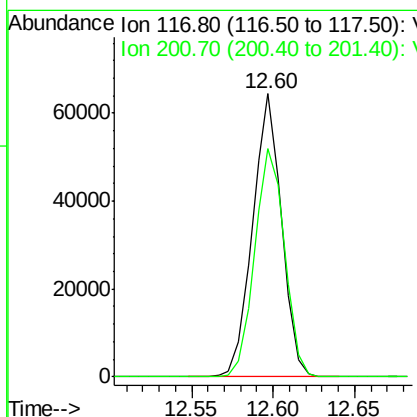
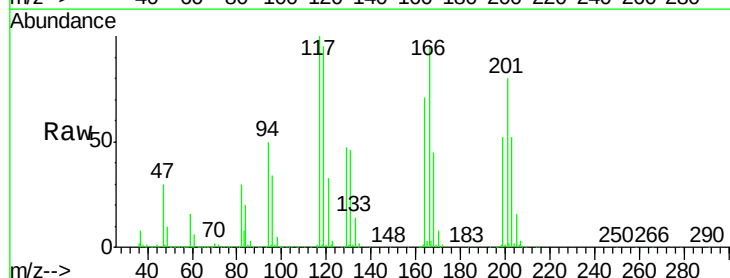
Manual Integrations
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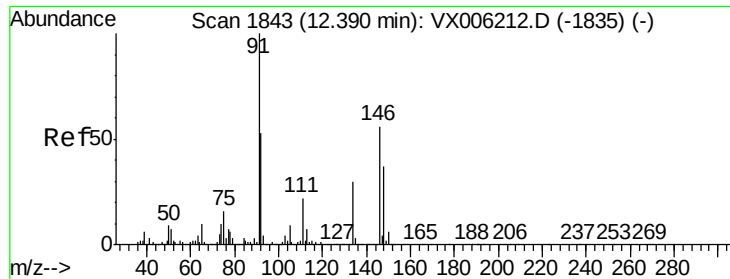
MMDadoda
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#90
Hexachloroethane
Concen: 15.029 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006539.D
Acq: 15 Dec 2018 03:00

Tgt Ion	Ratio	Lower	Upper
117	100		
201	83.1	44.7	134.1





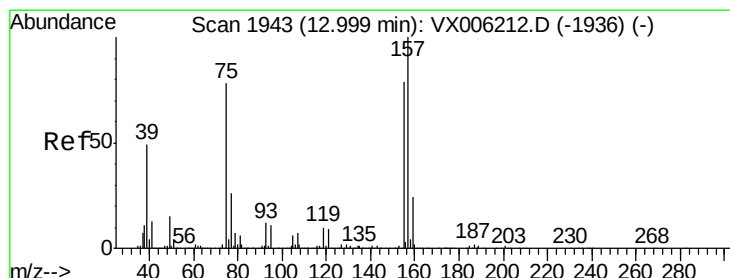
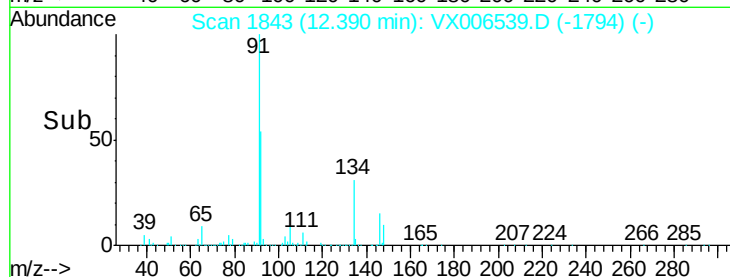
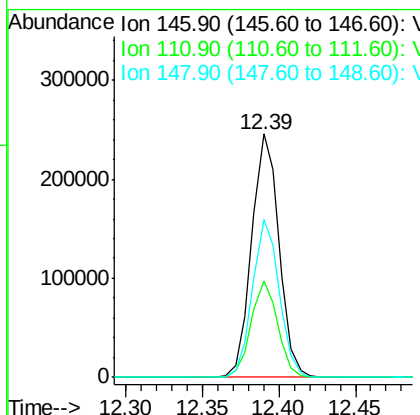
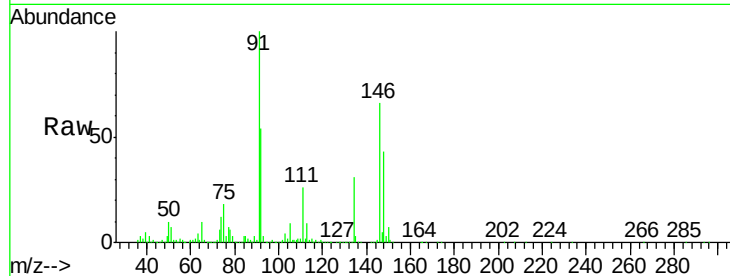
#91
 1,2-Dichlorobenzene
 Concen: 21.804 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX006539.D
 Acq: 15 Dec 2018 03:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1214WBSD02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.1	57.3
148	63.9	32.1	96.3

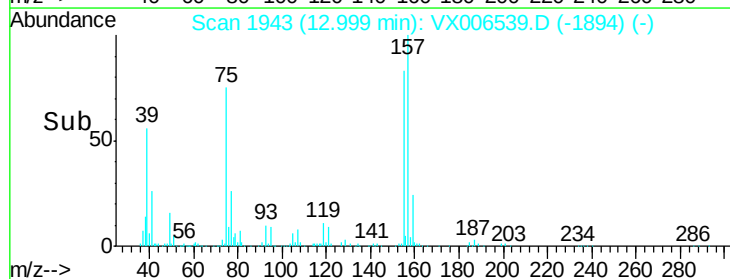
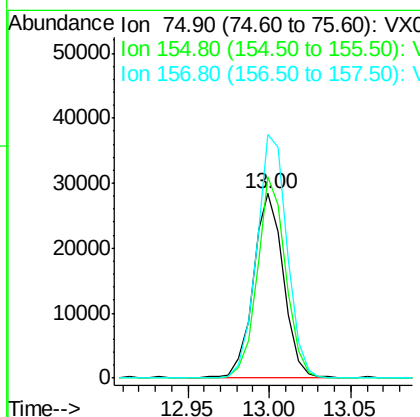
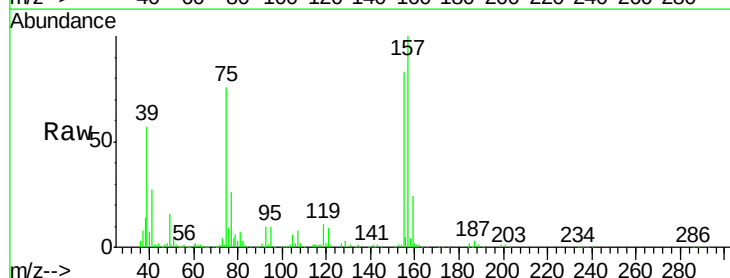
Manual Integrations
 APPROVED

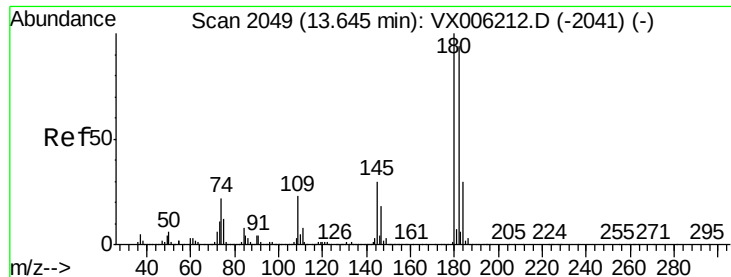
MMDadoda
 12/17/2018 12:12:40 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 15.629 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX006539.D
 Acq: 15 Dec 2018 03:00

Tgt Ion	Ratio	Lower	Upper
75	100		
155	102.4	53.4	160.3
157	132.2	68.0	203.8





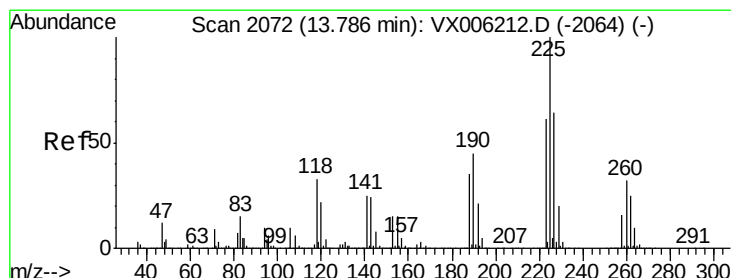
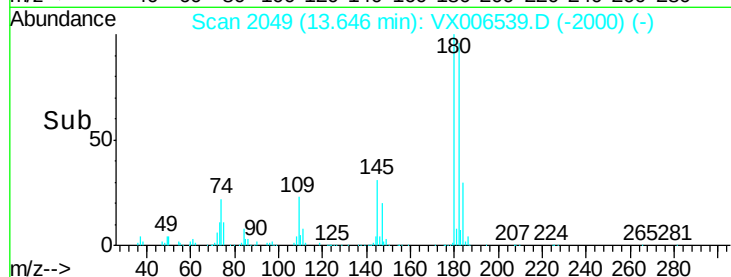
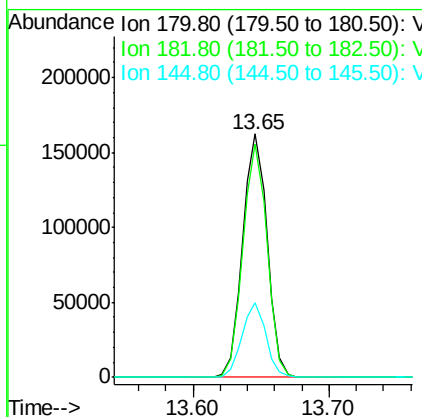
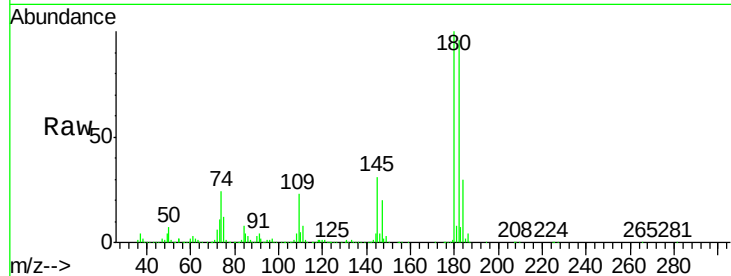
#93
 1,2,4-Trichlorobenzene
 Concen: 19.989 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX006539.D
 Acq: 15 Dec 2018 03:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1214WBSD02

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	204105		
182	94.6	47.3	141.9	
145	30.1	14.6	43.8	

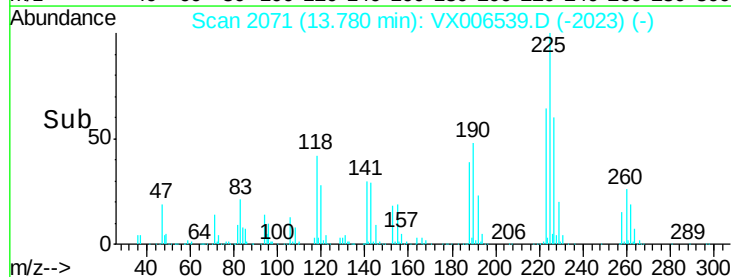
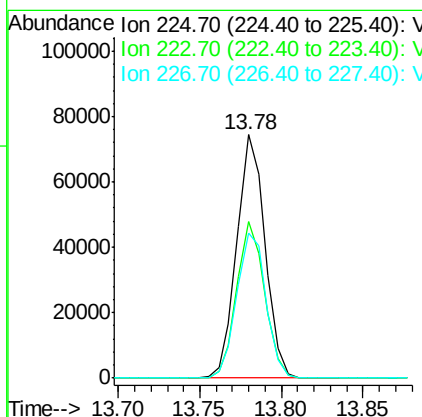
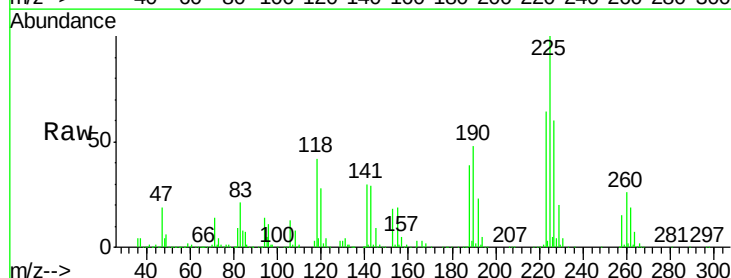
Manual Integrations
 APPROVED

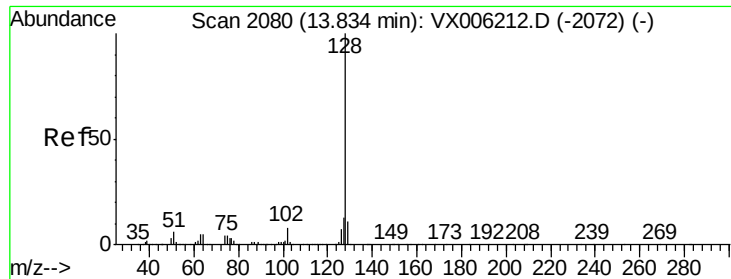
MMDadoda
 12/17/2018 12:12:40 PM



#94
 Hexachlorobutadiene
 Concen: 19.902 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VX006539.D
 Acq: 15 Dec 2018 03:00

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	89871		
223	63.5	31.2	93.6	
227	62.2	31.9	95.5	





#95

Naphthalene

Concen: 20.761 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006539.D

Acq: 15 Dec 2018 03:00

Instrument :

MSVOA_X

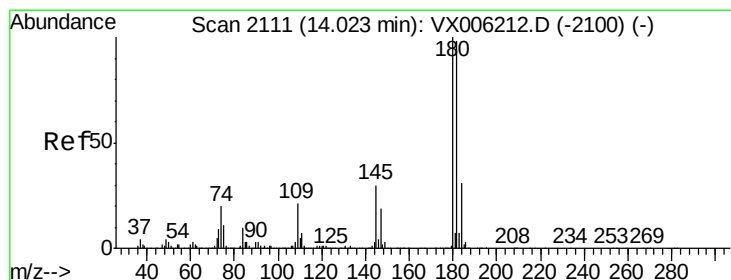
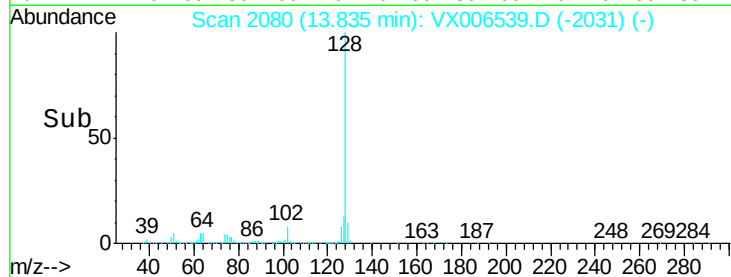
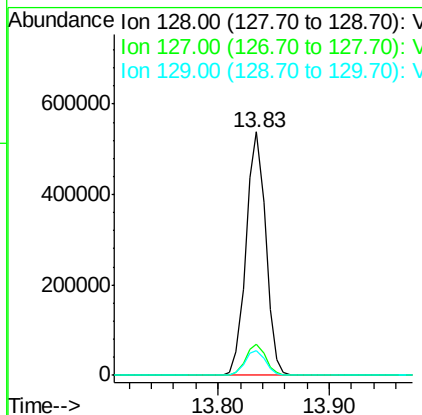
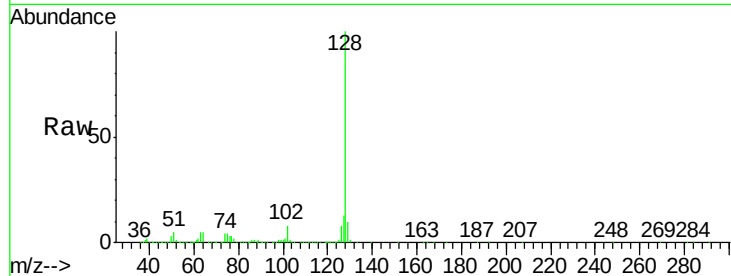
ClientSampleId :

VX1214WBSD02

Tgt Ion:	128	Resp:	659410
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.2	15.4
129	10.6	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
12/17/2018 12:12:40 PM



#96

1,2,3-Trichlorobenzene

Concen: 20.290 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.01 min

Lab File: VX006539.D

Acq: 15 Dec 2018 03:00

Tgt Ion:	180	Resp:	205196
Ion Ratio	Lower	Upper	
180	100		
182	94.8	48.4	145.2
145	32.4	15.6	46.8

