

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX053118\
 Data File : VX002200.D
 Acq On : 01 Jun 2018 04:41
 Operator : JC/MD
 Sample : VX0531WBS04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0531WBS04

Manual Integrations
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 6/1/2018 6:37:14 PM

Quant Time: Jun 01 05:18:08 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	181383	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	263530	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	247320	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	162701	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	154576	47.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.36%	
35) Dibromofluoromethane	5.51	113	111933	42.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.94%	
50) Toluene-d8	8.72	98	392153	41.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.20%	
62) 4-Bromofluorobenzene	11.14	95	155777	41.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.46%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	36062	14.440	ug/l	97
3) Chloromethane	1.32	50	51606	18.492	ug/l	97
4) Vinyl Chloride	1.40	62	51147	18.981	ug/l	99
5) Bromomethane	1.64	94	32930	26.089	ug/l	96
6) Chloroethane	1.73	64	34827	21.924	ug/l	99
7) Trichlorofluoromethane	1.93	101	84065	20.774	ug/l	98
8) Diethyl Ether	2.19	74	39023	26.578	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	48623	21.533	ug/l	97
10) Methyl Iodide	2.51	142	56149	18.377	ug/l	97
11) Tert butyl alcohol	3.07	59	91367	143.563	ug/l	99
12) 1,1-Dichloroethene	2.38	96	43807	20.721	ug/l	97
13) Acrolein	2.29	56	21076	76.593	ug/l	97
14) Allyl chloride	2.73	41	97513	21.973	ug/l	97
15) Acrylonitrile	3.15	53	174223	133.124	ug/l	100
16) Acetone	2.45	43	161570	129.124	ug/l	99
17) Carbon Disulfide	2.57	76	96683	15.890	ug/l	98
18) Methyl Acetate	2.78	43	89038	29.062	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	205227	25.809	ug/l	100
20) Methylene Chloride	2.86	84	58874	26.387	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	49109	23.007	ug/l	96
22) Diisopropyl ether	3.87	45	189738	21.019	ug/l	97
23) Vinyl Acetate	3.82	43	883364	118.030	ug/l	98
24) 1,1-Dichloroethane	3.70	63	104075	24.271	ug/l	99
25) 2-Butanone	4.71	43	230752	100.617	ug/l	99
26) 2,2-Dichloropropane	4.59	77	52076	11.999	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	54127	19.634	ug/l	99
28) Bromochloromethane	5.03	49	50922	27.335	ug/l	100
29) Tetrahydrofuran	5.17	42	150834	101.089	ug/l	98
30) Chloroform	5.21	83	95559	19.781	ug/l	97
31) Cyclohexane	5.57	56	75901	16.990	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	75774	16.825	ug/l	98
36) 1,1-Dichloropropene	5.81	75	62317	17.000	ug/l	98
37) Ethyl Acetate	4.86	43	91671	19.183	ug/l	98
38) Carbon Tetrachloride	5.79	117	63550	14.867	ug/l	96

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 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	76218	16.925	ug/l	96
40) Benzene	6.15	78	205067	19.096	ug/l	99
41) Methacrylonitrile	5.07	41	53360	20.352	ug/l	98
42) 1,2-Dichloroethane	6.20	62	89481	20.860	ug/l	99
43) Isopropyl Acetate	6.46	43	153723	19.306	ug/l	99
44) Trichloroethene	7.21	130	56990	18.211	ug/l	99
45) 1,2-Dichloropropane	7.52	63	57035	19.556	ug/l	97
46) Dibromomethane	7.67	93	39535	20.475	ug/l	99
47) Bromodichloromethane	7.90	83	68005	16.518	ug/l	96
48) Methyl methacrylate	7.78	41	77529	19.130	ug/l	97
49) 1,4-Dioxane	7.76	88	30830	431.701	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	496249	103.385	ug/l	99
52) Toluene	8.79	92	128979	18.872	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	78618	16.580	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	72649	15.723	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	59129	20.710	ug/l	99
56) Ethyl methacrylate	9.18	69	91687	18.670	ug/l	98
57) 1,3-Dichloropropane	9.37	76	98251	20.889	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	52129	23.950	ug/l	100
59) 2-Hexanone	9.50	43	370004	99.971	ug/l	100
60) Dibromochloromethane	9.59	129	53808	15.912	ug/l	100
61) 1,2-Dibromoethane	9.68	107	60405	20.163	ug/l	100
64) Tetrachloroethene	9.34	164	64471	18.181	ug/l	97
65) Chlorobenzene	10.14	112	149025	19.019	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	53783	16.998	ug/l	99
67) Ethyl Benzene	10.26	91	249732	18.344	ug/l	100
68) m/p-Xylenes	10.36	106	190505	36.606	ug/l	100
69) o-Xylene	10.70	106	96865	18.641	ug/l	99
70) Styrene	10.71	104	158093	18.345	ug/l	99
71) Bromoform	10.86	173	40357	13.451	ug/l #	99
73) Isopropylbenzene	11.02	105	253960	18.433	ug/l	100
74) N-amyl acetate	6.46	43	153723	19.589	ug/l #	60
75) 1,1,2,2-Tetrachloroethane	11.27	83	84334	21.663	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	77007m	19.705	ug/l	
77) Bromobenzene	11.26	156	70852	19.383	ug/l	97
78) n-propylbenzene	11.37	91	285034	18.472	ug/l	99
79) 2-Chlorotoluene	11.43	91	173574	19.079	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	216493	18.387	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	19401	11.932	ug/l #	78
82) 4-Chlorotoluene	11.51	91	201585	18.522	ug/l	100
83) tert-Butylbenzene	11.77	119	208315	18.029	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	225415	18.526	ug/l	99
85) sec-Butylbenzene	11.95	105	252957	18.213	ug/l	99
86) p-Isopropyltoluene	12.07	119	227881	18.335	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	123537	18.871	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	126977	19.401	ug/l	99
89) n-Butylbenzene	12.39	91	189399	17.985	ug/l	99
90) Hexachloroethane	12.60	117	31014	12.651	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	130738	19.601	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	17888	14.603	ug/l	99

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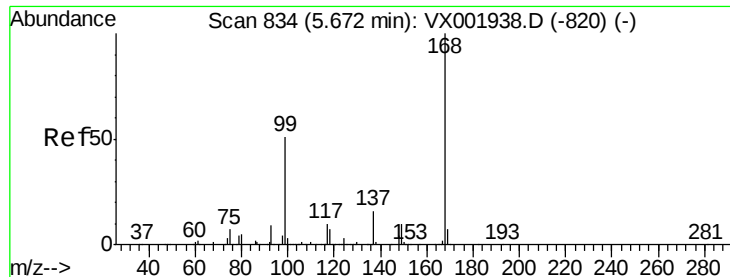
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Thu May 24 13:09:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	92810	19.459	ug/l	98
94) Hexachlorobutadiene	13.79	225	45326	17.666	ug/l	98
95) Naphthalene	13.84	128	292052	19.875	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	98333	19.925	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002200.D

Acq: 01 Jun 2018 04:41

Instrument :

MSVOA_X

ClientSampleId :

VX0531WBS04

Tot Ion:168 Resp: 181383

Ion Ratio Lower Upper

168 100

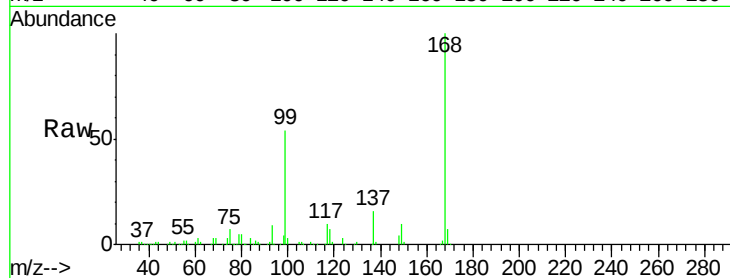
99 53.4 41.0 61.4

Manual Integrations

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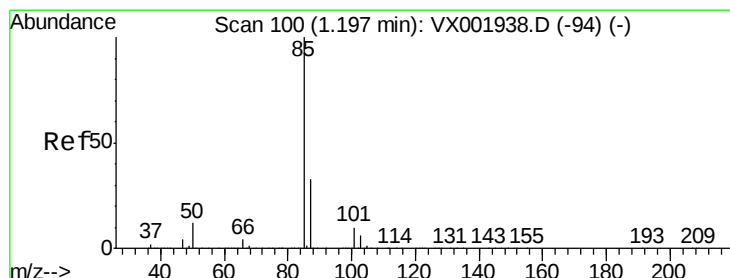
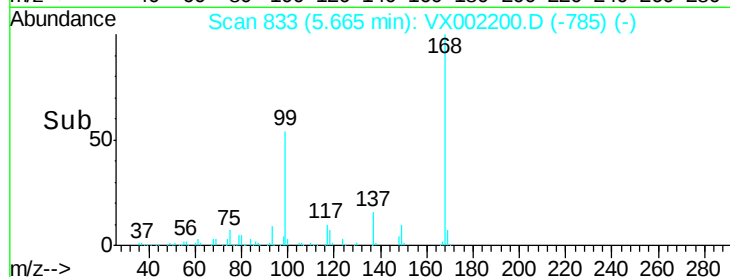
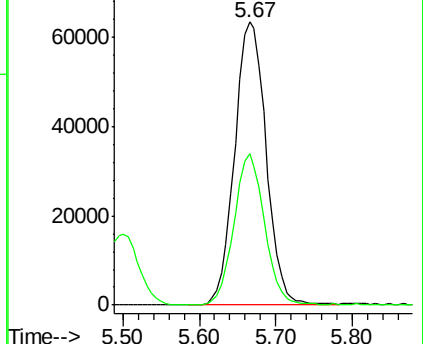
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 14.440 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002200.D

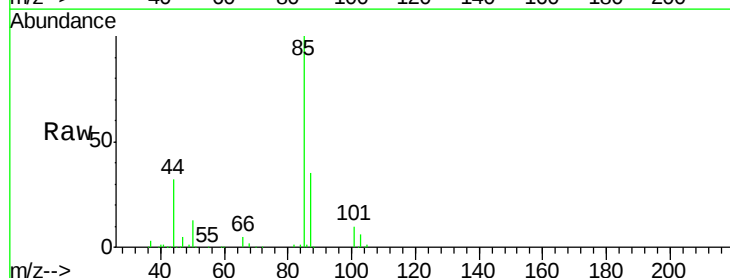
Acq: 01 Jun 2018 04:41

Tgt Ion: 85 Resp: 36062

Ion Ratio Lower Upper

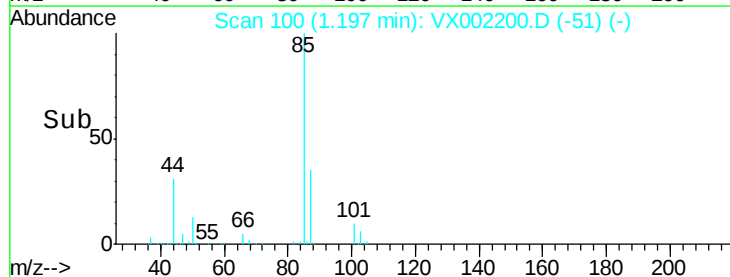
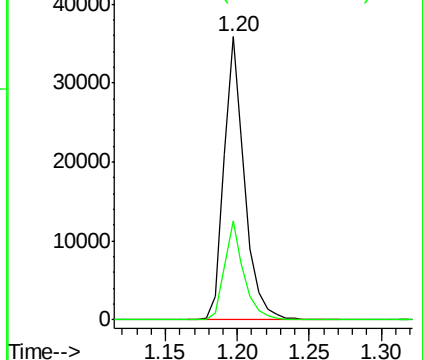
85 100

87 34.9 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 18.492 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX002200.D

Acq: 01 Jun 2018 04:41

Instrument :

MSVOA_X

ClientSampleId :

VX0531WBS04

Tot Ion: 50 Resp: 51606

Ion Ratio Lower Upper

50 100

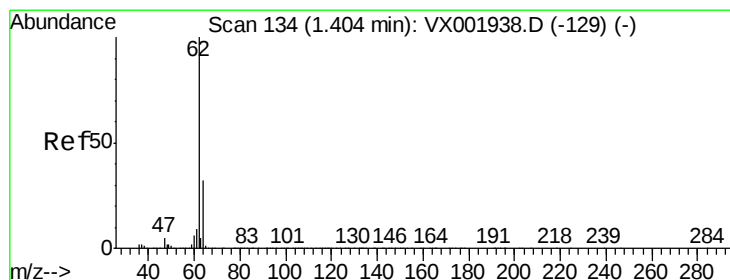
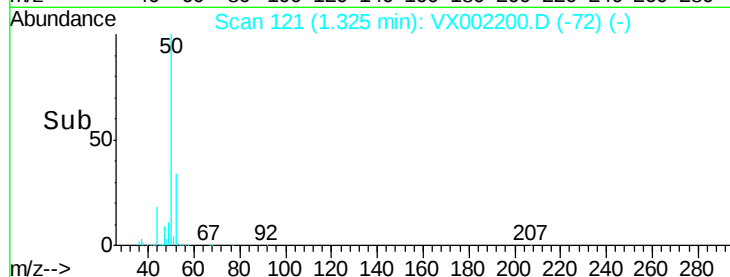
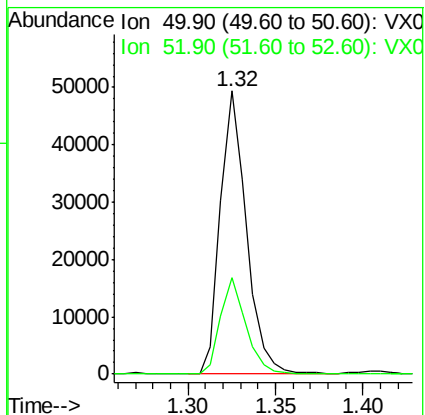
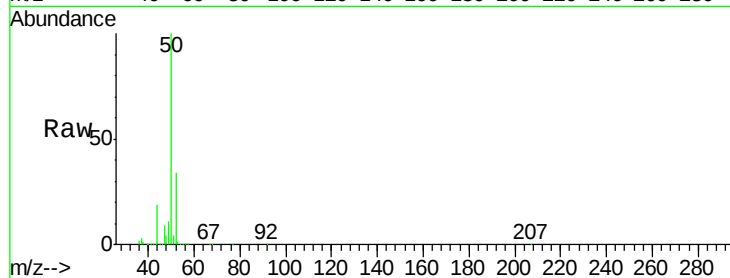
52 34.1 26.0 39.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.981 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX002200.D

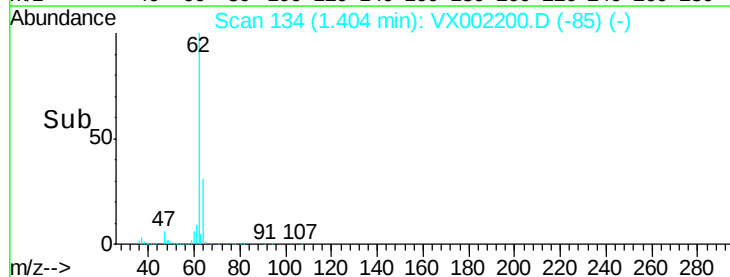
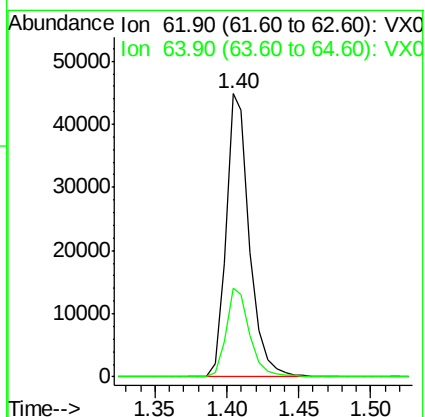
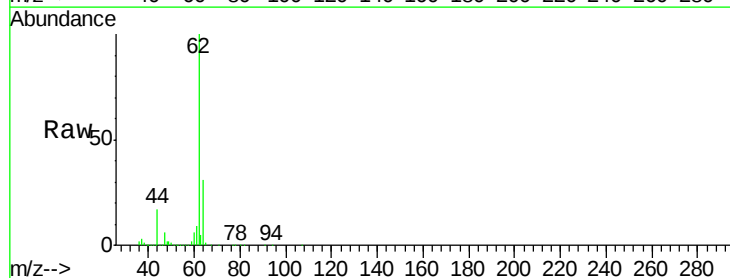
Acq: 01 Jun 2018 04:41

Tgt Ion: 62 Resp: 51147

Ion Ratio Lower Upper

62 100

64 31.2 25.4 38.0





#5

Bromomethane

Concen: 26.089 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX002200.D

Acq: 01 Jun 2018 04:41

Instrument :

MSVOA_X

ClientSampleId :

VX0531WBS04

Tot Ion: 94 Resp: 32930

Ion Ratio Lower Upper

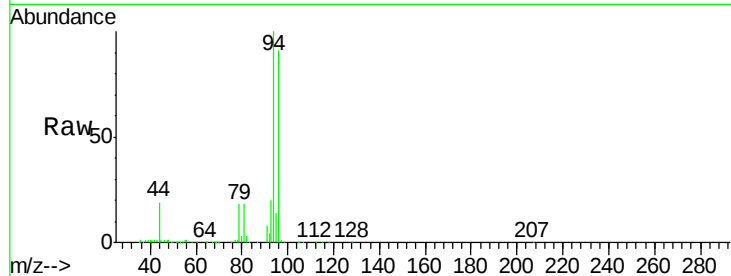
94 100

96 91.1 75.9 113.9

Manual Integrations
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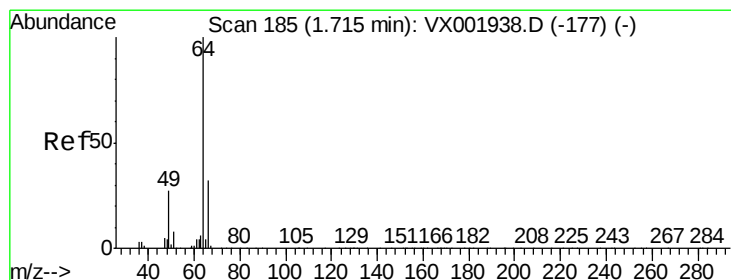
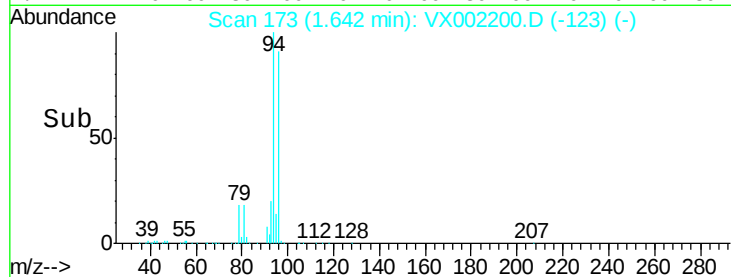
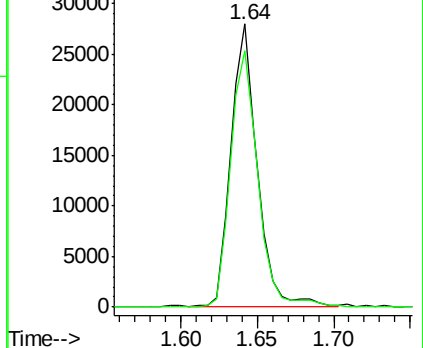
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 21.924 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX002200.D

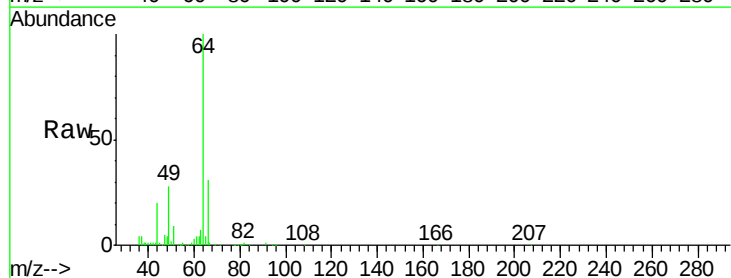
Acq: 01 Jun 2018 04:41

Tgt Ion: 64 Resp: 34827

Ion Ratio Lower Upper

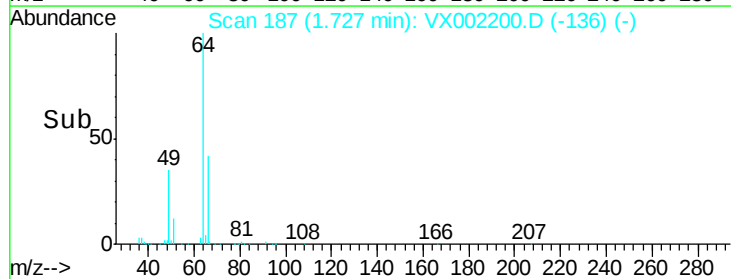
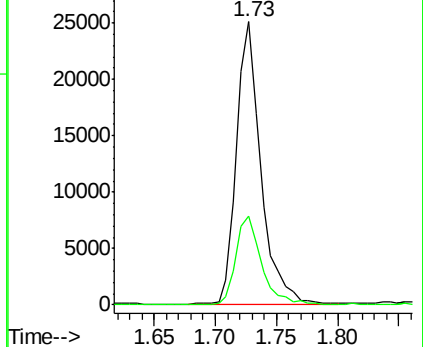
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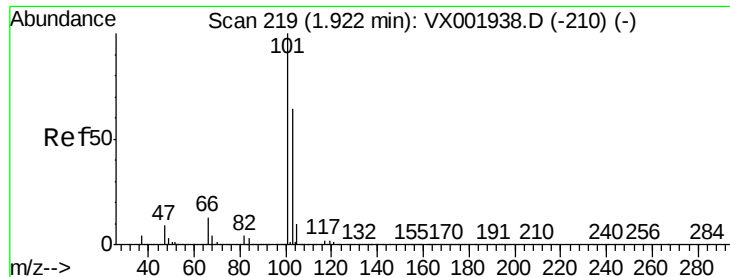
66 31.3 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

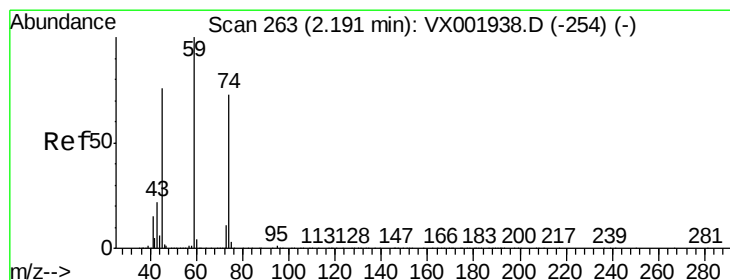
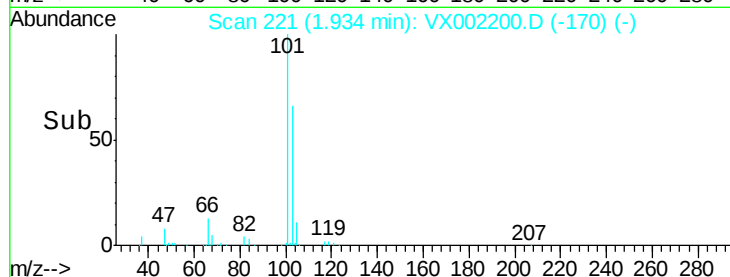
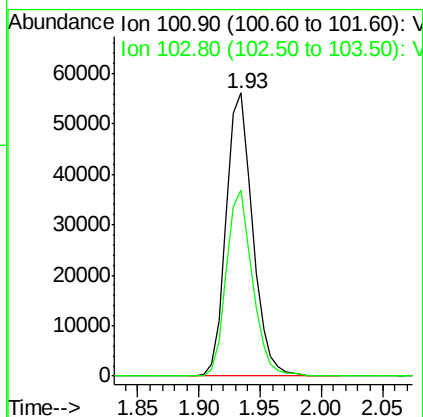
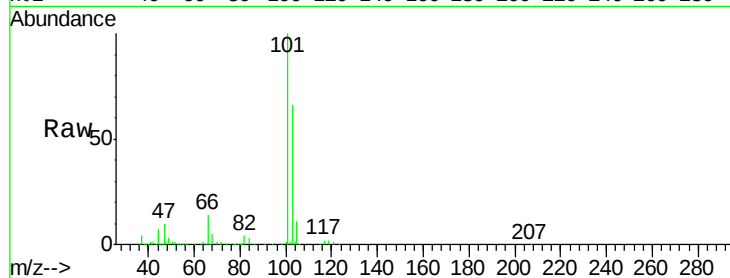
Trichlorofluoromethane
Concen: 20.774 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.01 min
Lab File: VX002200.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.7	51.4	77.0

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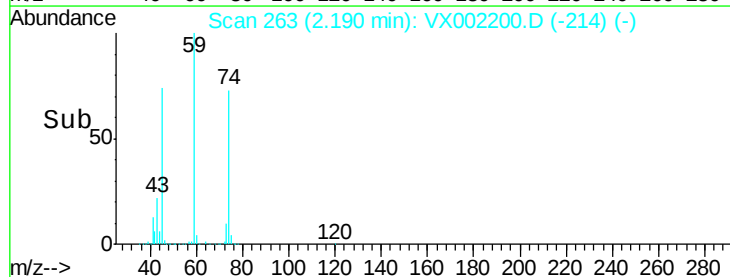
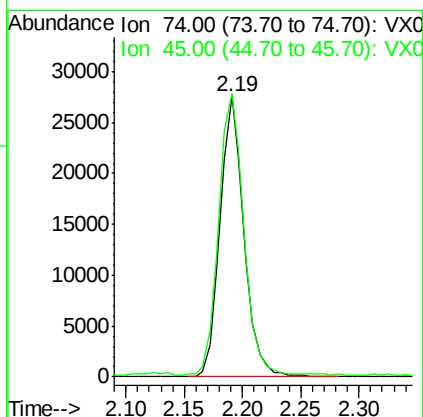
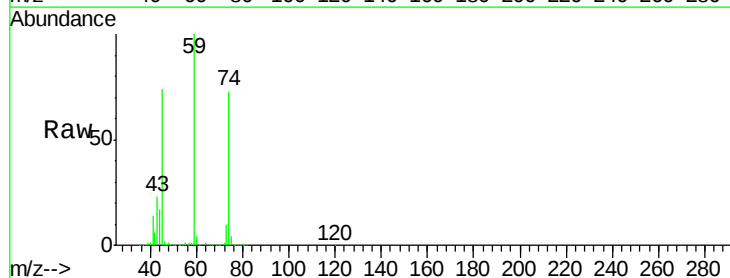
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#8

Diethyl Ether
Concen: 26.578 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX002200.D
Acq: 01 Jun 2018 04:41

Tgt Ion	Ratio	Lower	Upper
74	100		
45	103.9	51.5	154.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.533 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX002200.D

Acq: 01 Jun 2018 04:41

Instrument :

MSVOA_X

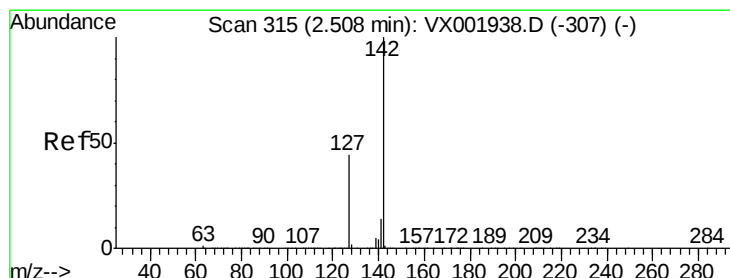
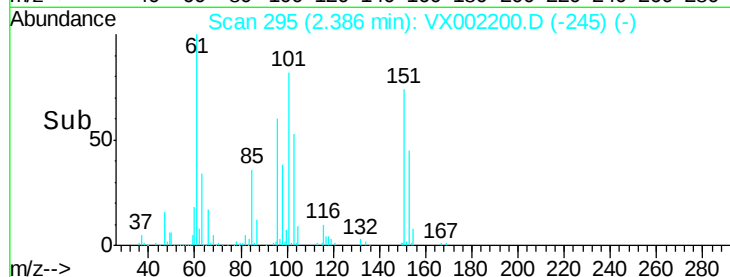
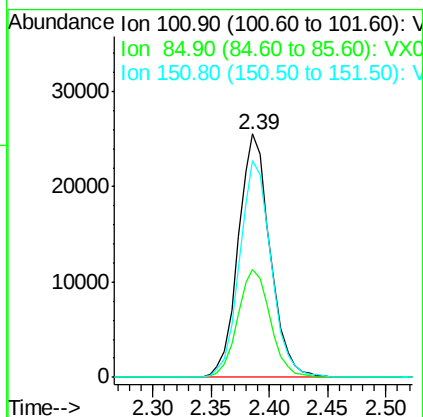
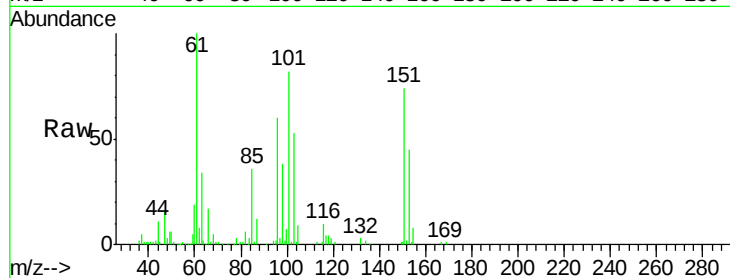
ClientSampleId :

VX0531WBS04

Tot Ion:	101	Resp:	48623
Ion Ratio	Lower	Upper	
101	100		
85	45.5	35.6	53.4
151	88.7	73.2	109.8

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#10

Methyl Iodide

Concen: 18.377 ug/l

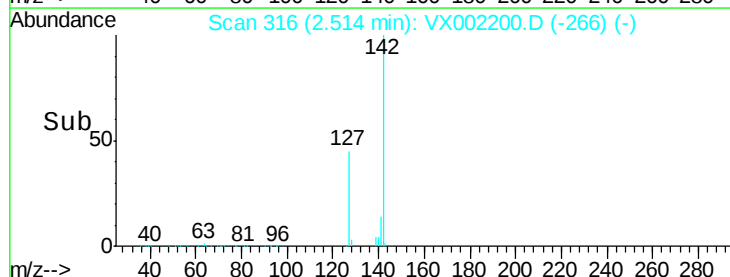
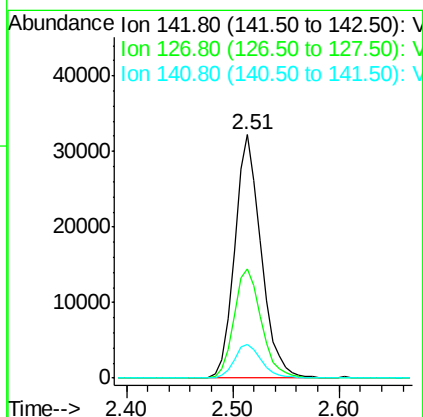
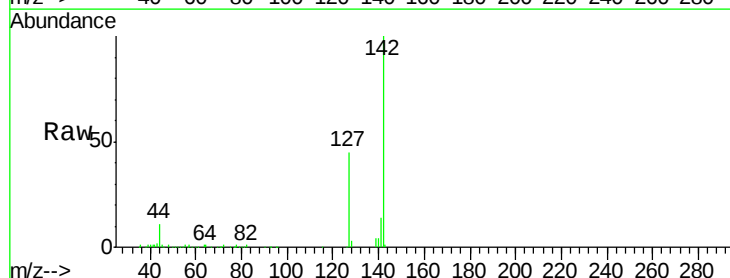
RT: 2.51 min Scan# 316

Delta R.T. 0.01 min

Lab File: VX002200.D

Acq: 01 Jun 2018 04:41

Tgt Ion:	142	Resp:	56149
Ion Ratio	Lower	Upper	
142	100		
127	46.6	35.5	53.3
141	14.3	11.3	16.9





#11

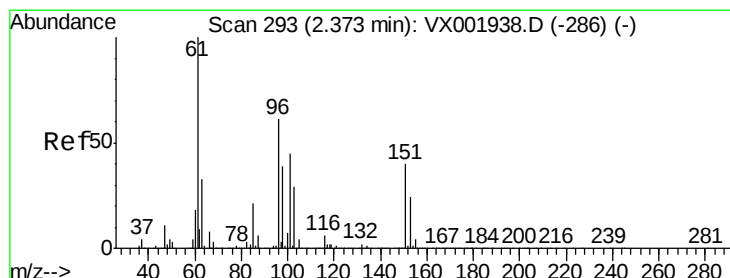
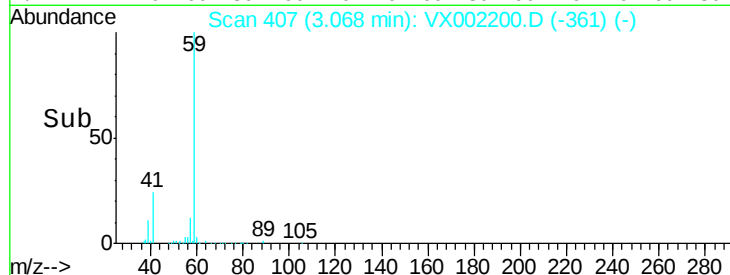
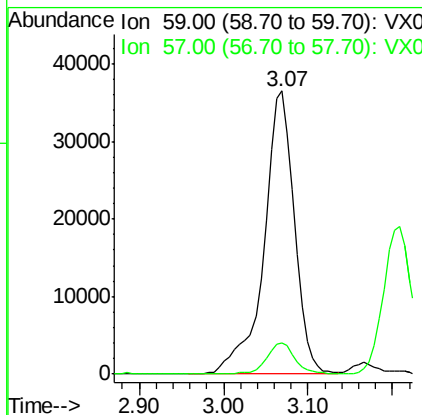
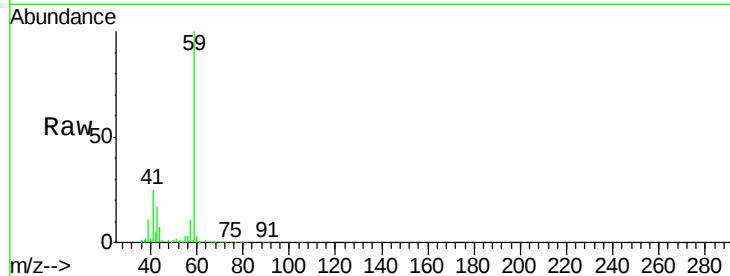
Tert butyl alcohol
Concen: 143.563 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.02 min
Lab File: VX002200.D
Acq: 01 Jun 2018 04:41

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBS04

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.9	13.3

Manual Integrations
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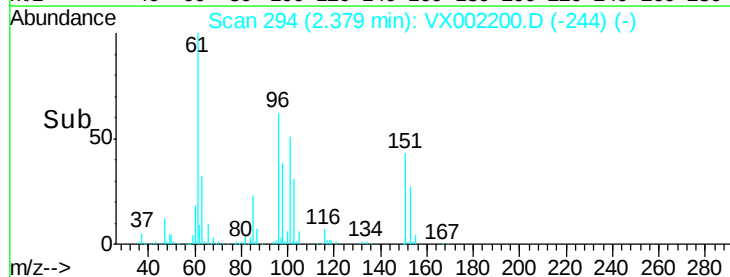
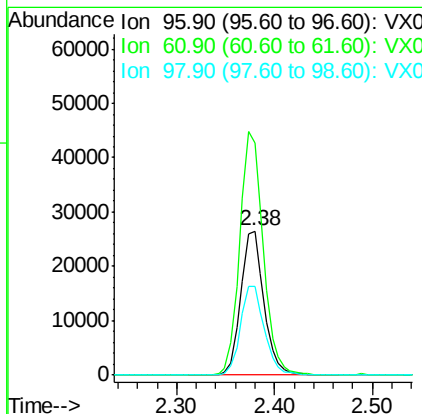
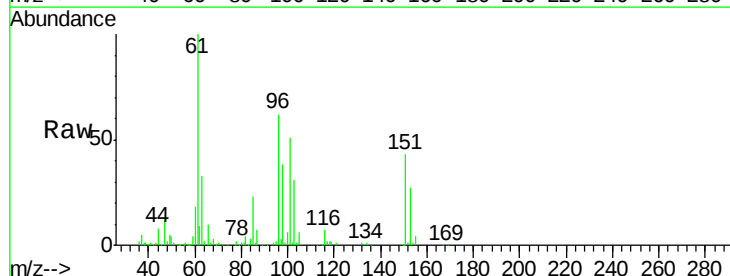
MMDadoda
6/1/2018 6:37:14 PM



#12

1,1-Dichloroethene
Concen: 20.721 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.01 min
Lab File: VX002200.D
Acq: 01 Jun 2018 04:41

Tgt Ion	Ratio	Lower	Upper
96	100		
61	160.9	131.7	197.5
98	61.3	51.6	77.4





#13

Acrolein

Concen: 76.593 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX002200.D

Acq: 01 Jun 2018 04:41

Instrument :

MSVOA_X

ClientSampleId :

VX0531WBS04

Tot Ion: 56 Resp: 21076

Ion Ratio Lower Upper

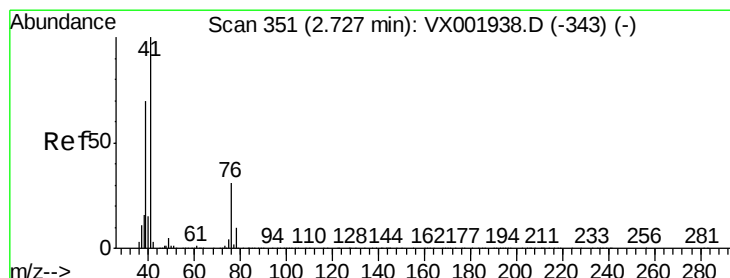
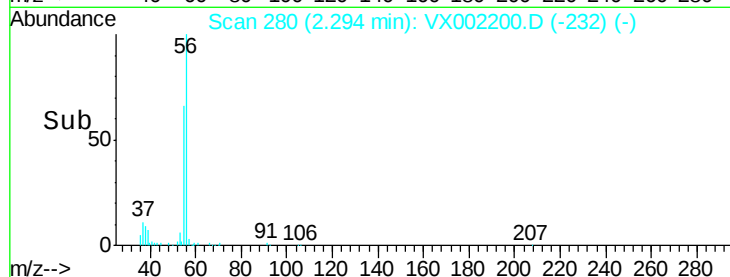
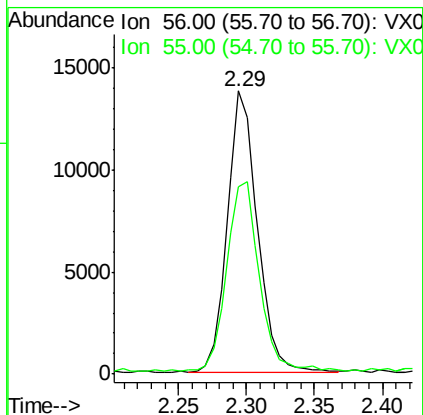
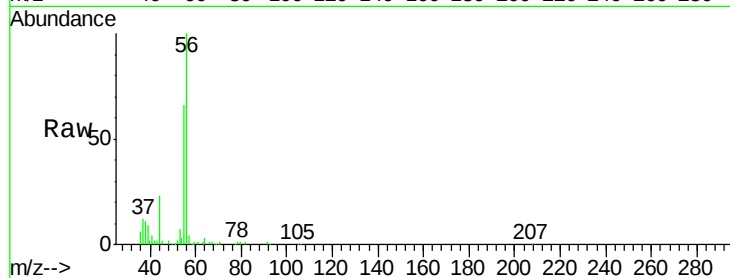
56 100

55 73.3 56.8 85.2

Manual Integrations
APPROVED

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6/1/2018 6:37:14 PM



#14

Allyl chloride

Concen: 21.973 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002200.D

Acq: 01 Jun 2018 04:41

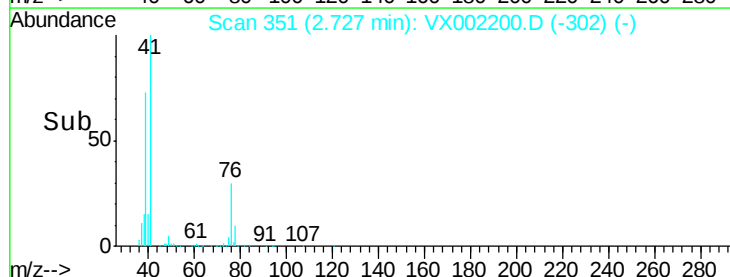
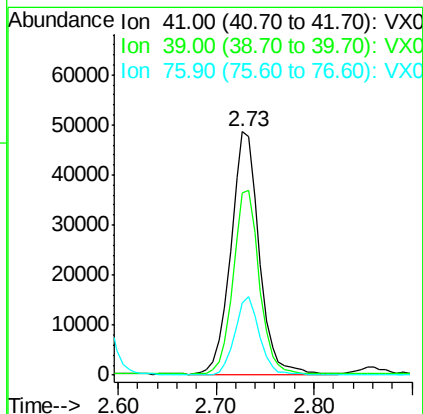
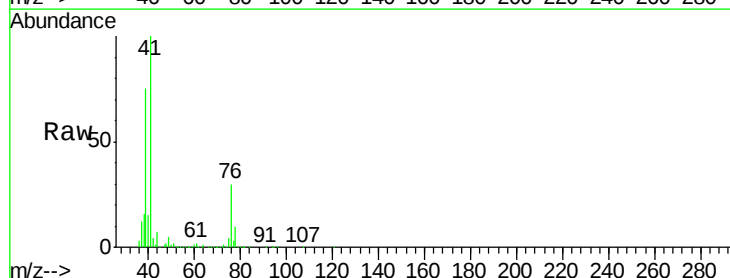
Tgt Ion: 41 Resp: 97513

Ion Ratio Lower Upper

41 100

39 70.0 54.3 81.5

76 28.4 24.2 36.4





#15

Acrylonitrile

Concen: 133.124 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX002200.D

Acq: 01 Jun 2018 04:41

Instrument :

MSVOA_X

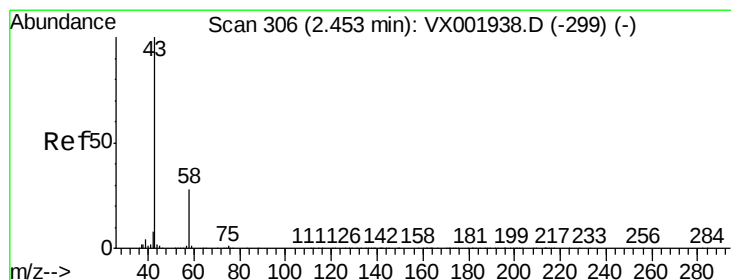
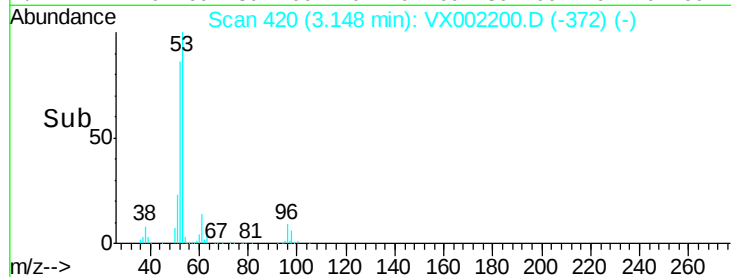
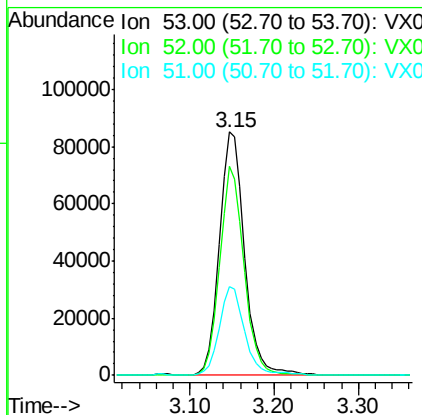
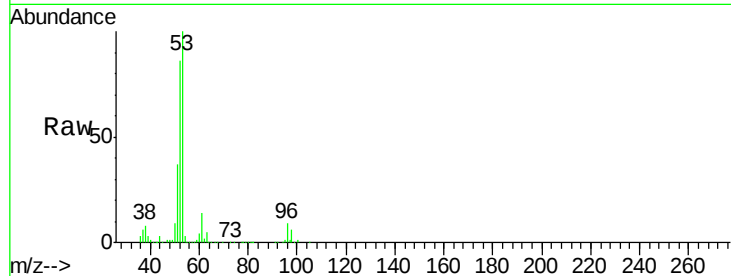
ClientSampleId :

VX0531WBS04

Tot Ion:	53	Resp:	174223
Ion Ratio		Lower	Upper
53	100		
52	83.3	66.4	99.6
51	36.9	29.3	43.9

Manual Integrations
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#16

Acetone

Concen: 129.124 ug/l

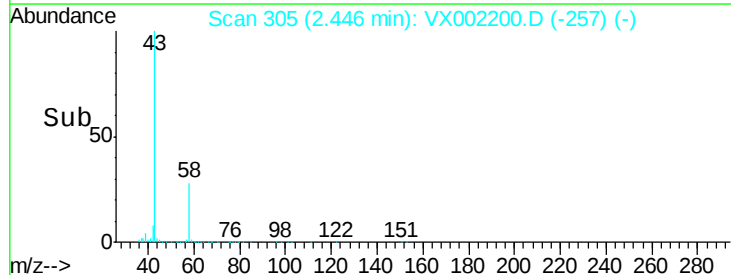
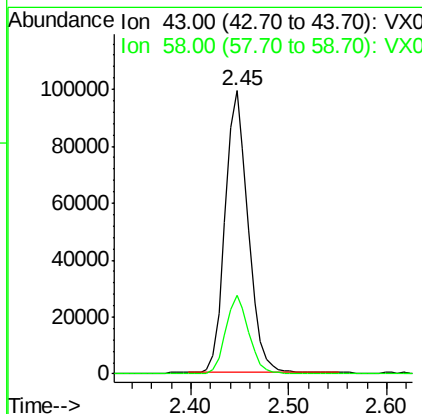
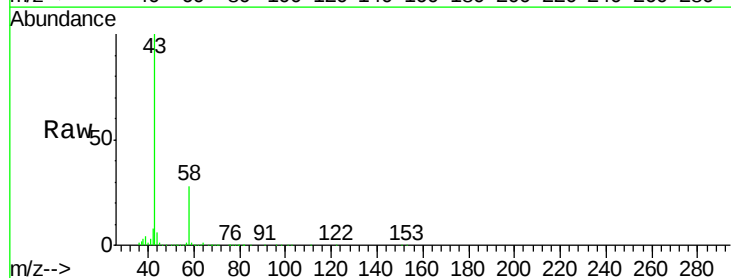
RT: 2.45 min Scan# 305

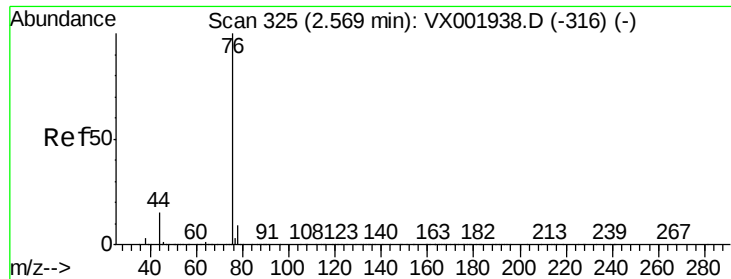
Delta R.T. -0.01 min

Lab File: VX002200.D

Acq: 01 Jun 2018 04:41

Tgt Ion:	43	Resp:	161570
Ion Ratio		Lower	Upper
43	100		
58	27.6	22.3	33.5





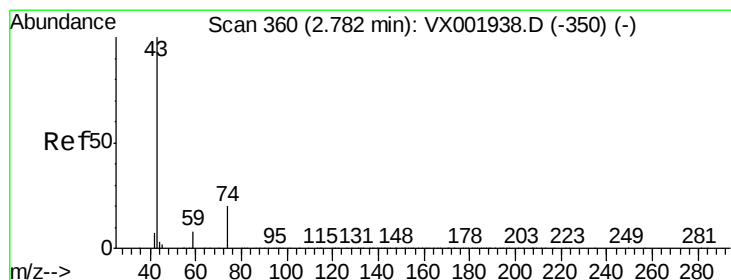
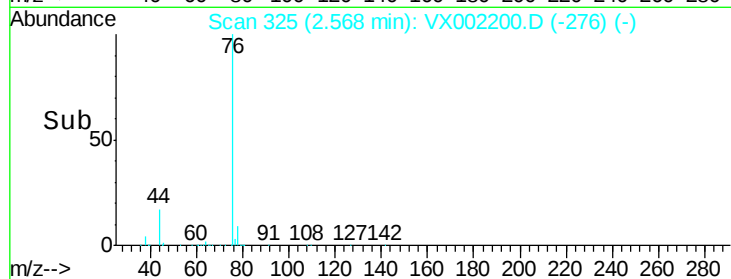
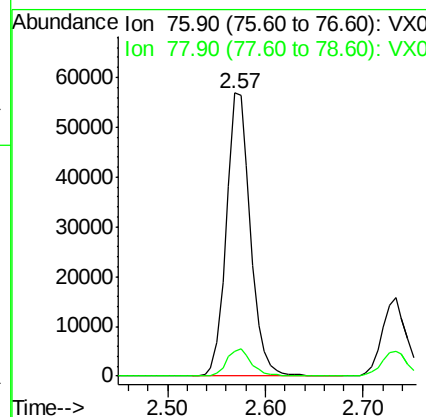
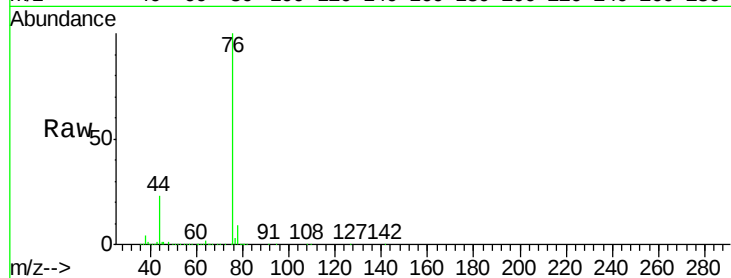
#17
Carbon Disulfide
Concen: 15.890 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX002200.D
Acq: 01 Jun 2018 04:41

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBS04

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.6	7.4	11.2

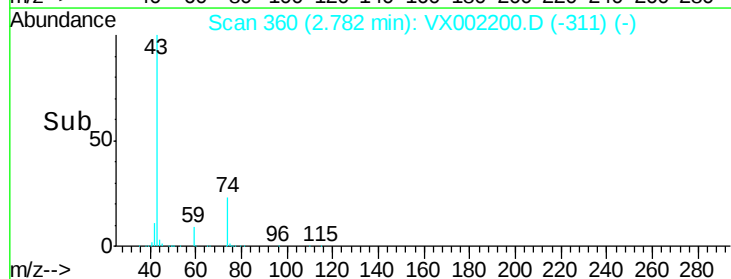
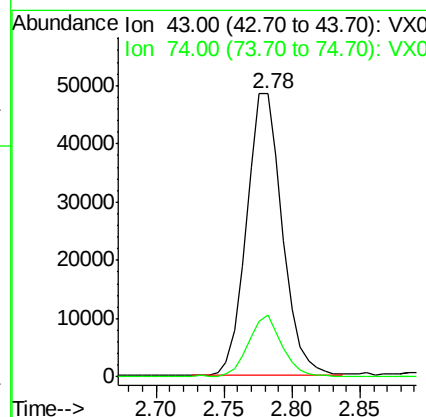
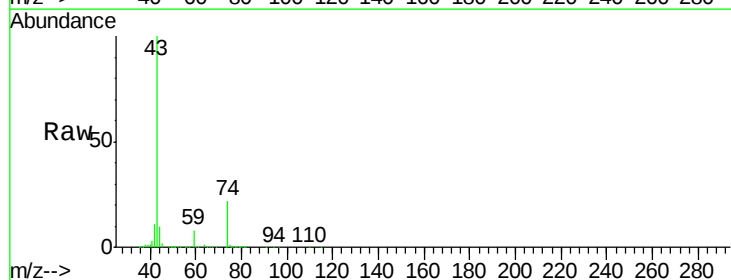
Manual Integrations
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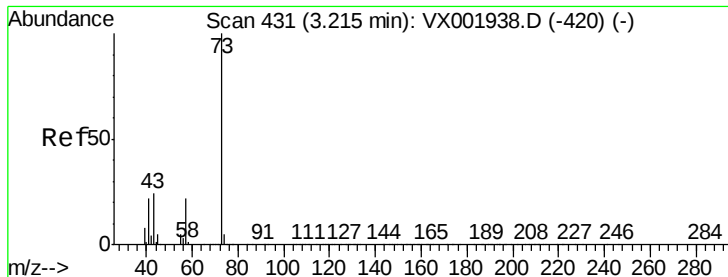
MMDadoda
6/1/2018 6:37:14 PM



#18
Methyl Acetate
Concen: 29.062 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX002200.D
Acq: 01 Jun 2018 04:41

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.1	16.8	25.2





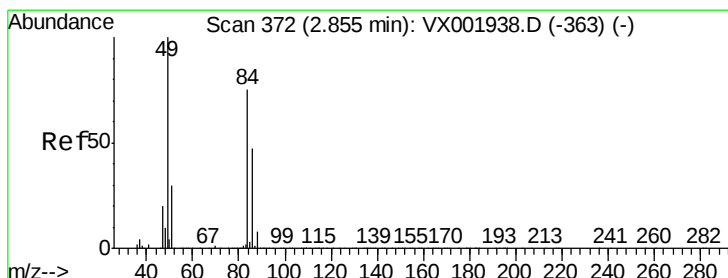
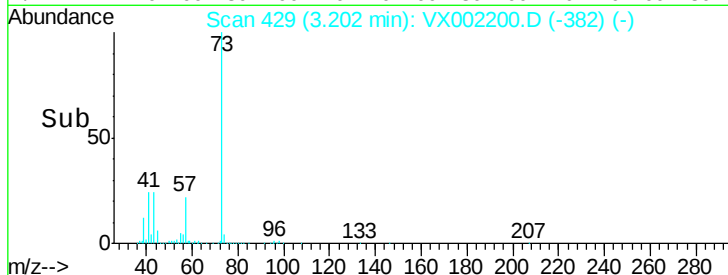
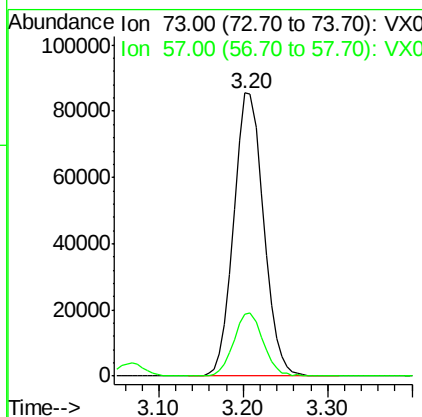
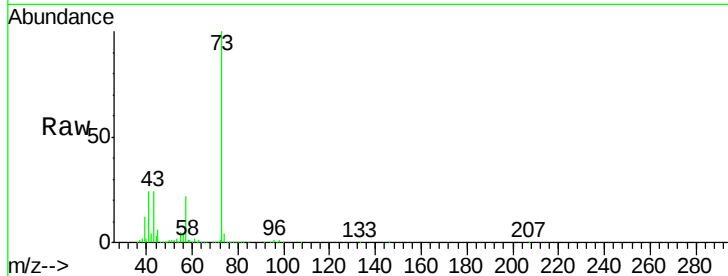
#19
Methvl tert-butvl Ether
Concen: 25.809 ug/l
RT: 3.20 min Scan# 429
Delta R.T. -0.01 min
Lab File: VX002200.D
Acq: 01 Jun 2018 04:41

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBS04

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.6	17.4	26.0

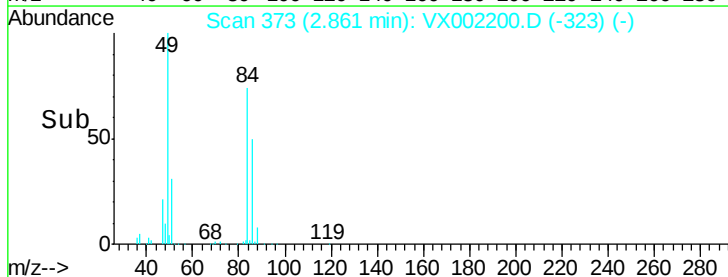
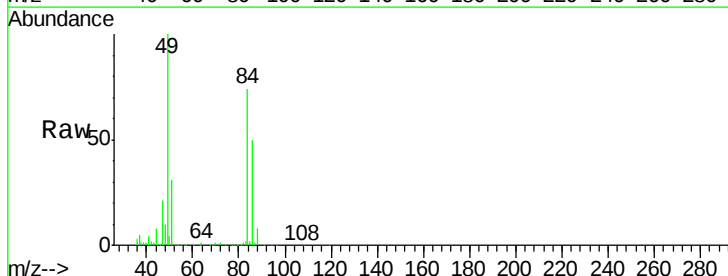
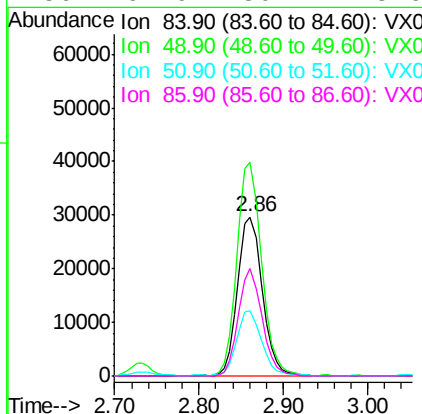
Manual Integrations
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6/1/2018 6:37:14 PM



#20
Methylene Chloride
Concen: 26.387 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX002200.D
Acq: 01 Jun 2018 04:41

Tgt Ion	Ratio	Lower	Upper
84	100		
49	134.6	107.2	160.8
51	41.2	32.4	48.6
86	67.9	50.4	75.6





#21

trans-1,2-Dichloroethene

Concen: 23.007 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002200.D

Acq: 01 Jun 2018 04:41

Instrument :

MSVOA_X

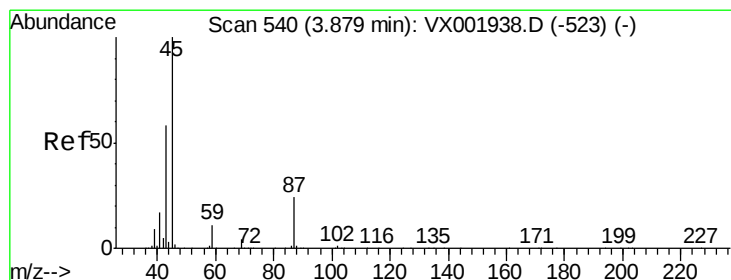
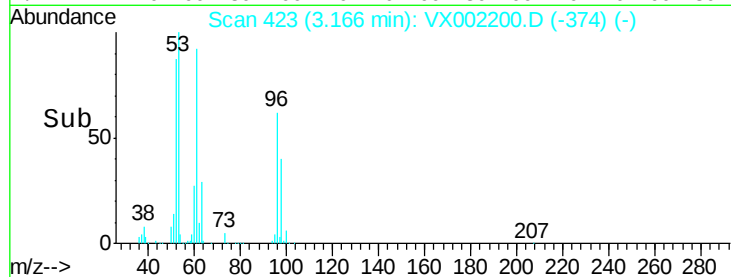
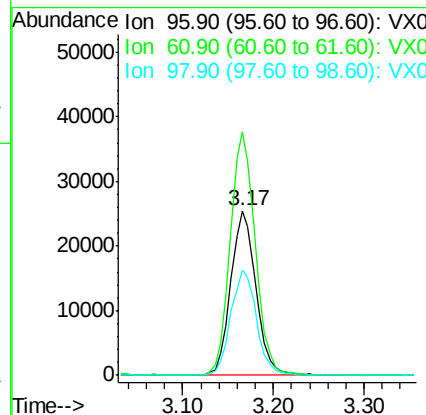
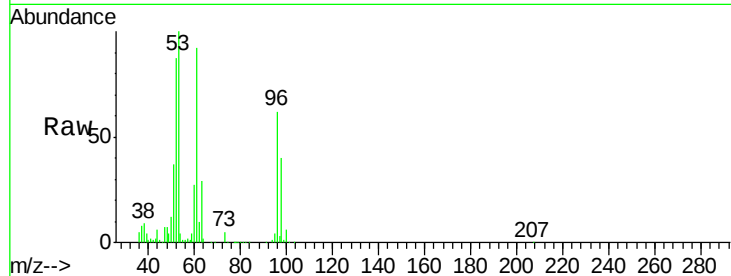
ClientSampleId :

VX0531WBS04

Tot Ion:	96	Resp:	49109
Ion	Ratio	Lower	Upper
96	100		
61	147.6	113.3	169.9
98	64.0	51.7	77.5

Manual Integrations
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6/1/2018 6:37:14 PM



#22

Diisopropyl ether

Concen: 21.019 ug/l

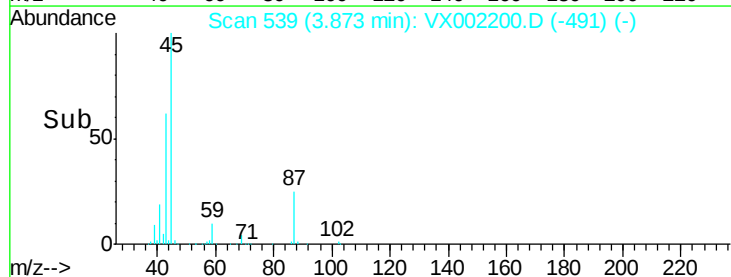
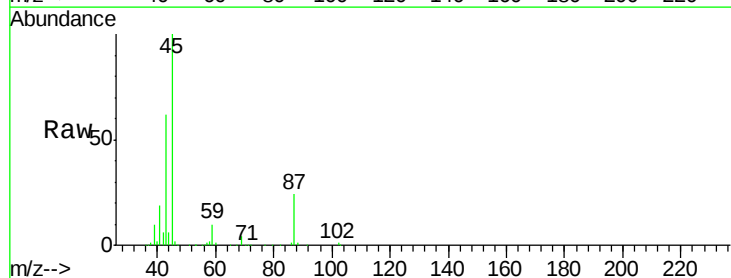
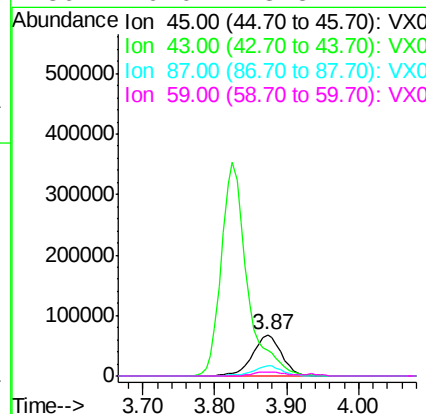
RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX002200.D

Acq: 01 Jun 2018 04:41

Tgt Ion:	45	Resp:	189738
Ion	Ratio	Lower	Upper
45	100		
43	61.6	47.0	70.6
87	24.5	19.4	29.0
59	10.0	8.5	12.7





#23

Vinyl Acetate

Concen: 118.030 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX002200.D

Acq: 01 Jun 2018 04:41

Instrument :

MSVOA_X

ClientSampleId :

VX0531WBS04

Tot Ion: 43 Resp: 883364

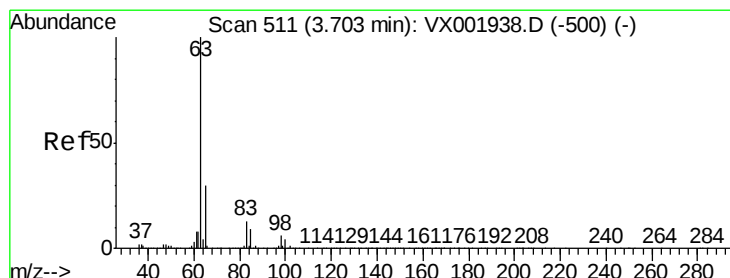
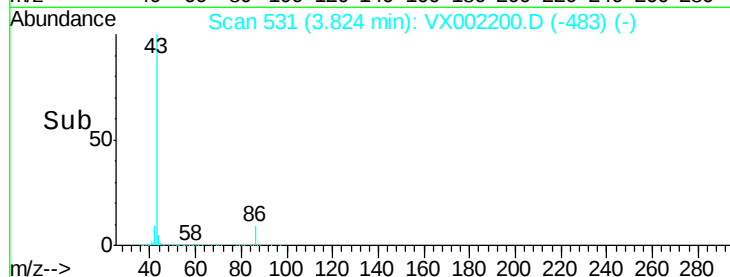
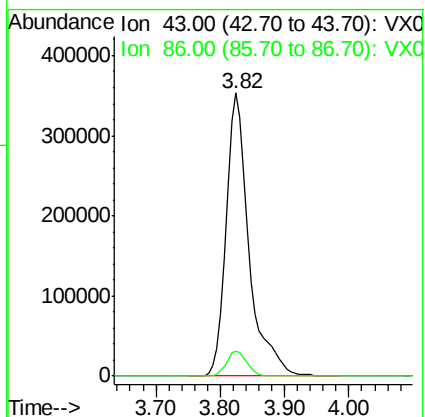
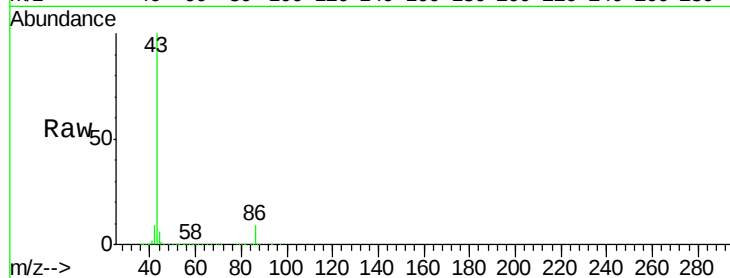
Ion Ratio Lower Upper

43 100

86 8.7 7.6 11.4

Manual Integrations
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6/1/2018 6:37:14 PM



#24

1,1-Dichloroethane

Concen: 24.271 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.01 min

Lab File: VX002200.D

Acq: 01 Jun 2018 04:41

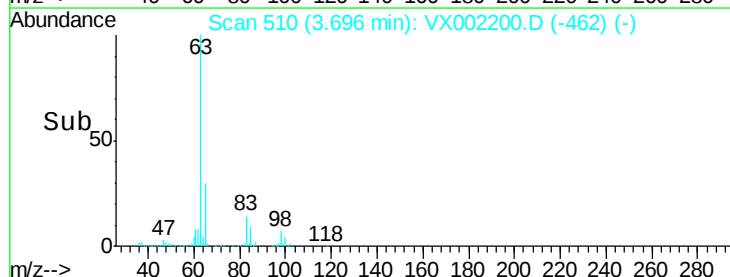
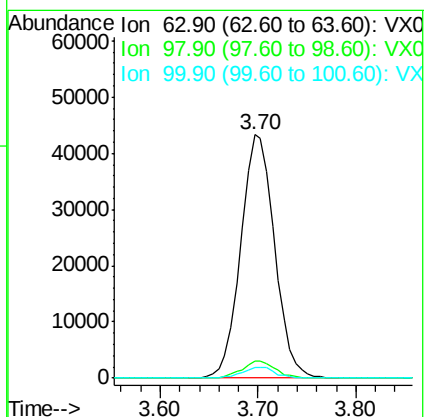
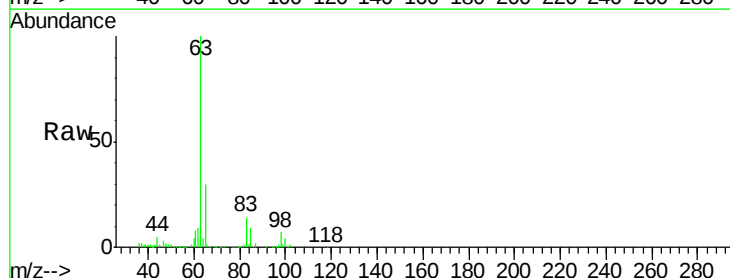
Tgt Ion: 63 Resp: 104075

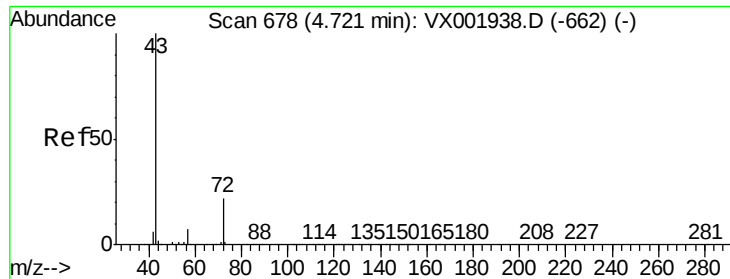
Ion Ratio Lower Upper

63 100

98 6.9 3.3 9.8

100 4.1 2.1 6.5





#25

2-Butanone

Concen: 100.617 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX002200.D

Acq: 01 Jun 2018 04:41

Instrument :

MSVOA_X

ClientSampleId :

VX0531WBS04

Tot Ion: 43 Resp: 230752

Ion Ratio Lower Upper

43 100

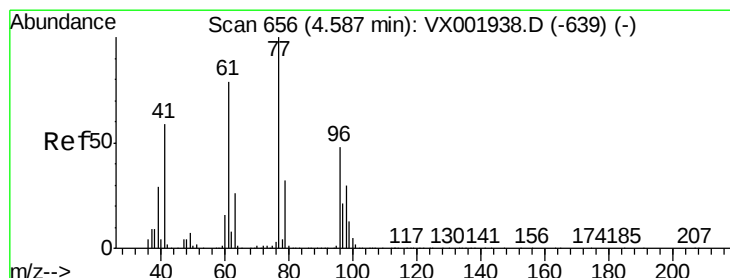
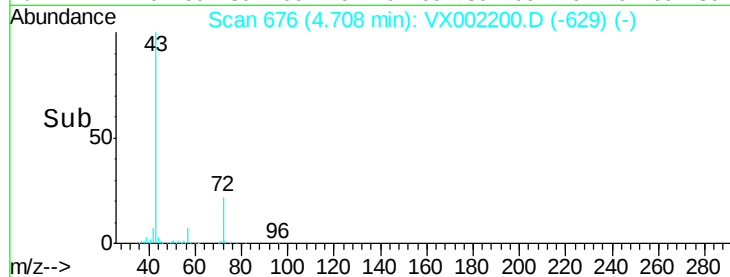
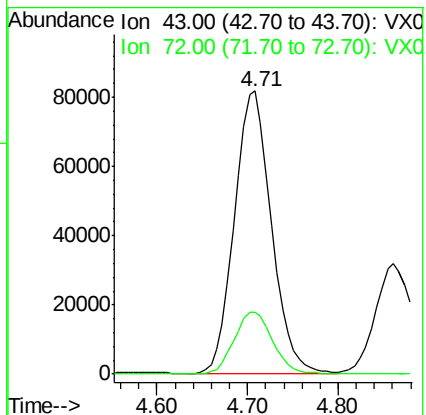
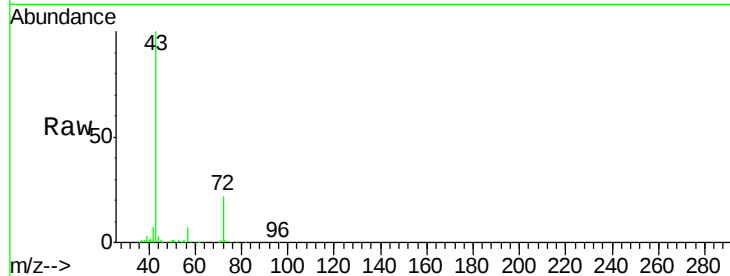
72 22.1 17.9 26.9

Manual Integrations

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6/1/2018 6:37:14 PM



#26

2,2-Dichloropropane

Concen: 11.999 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX002200.D

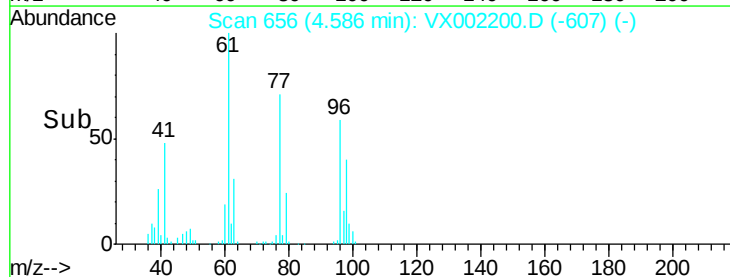
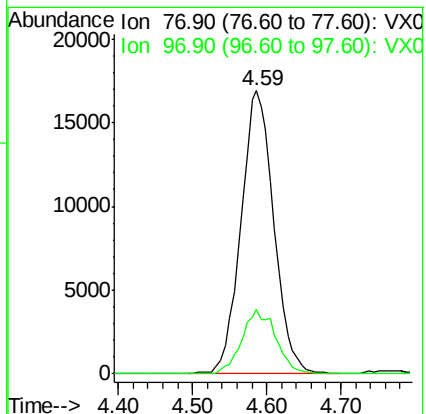
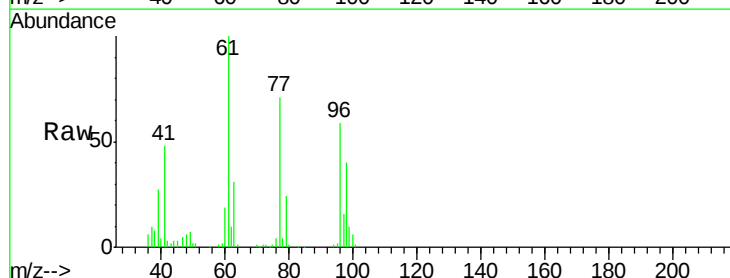
Acq: 01 Jun 2018 04:41

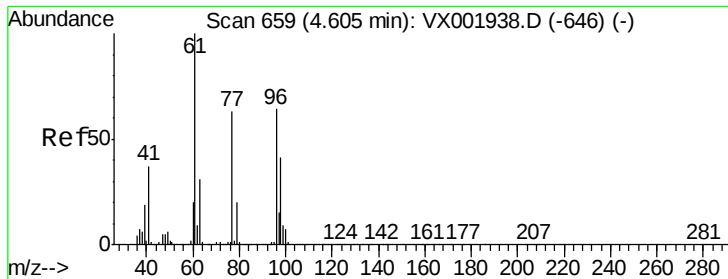
Tgt Ion: 77 Resp: 52076

Ion Ratio Lower Upper

77 100

97 23.6 11.2 33.5





#27

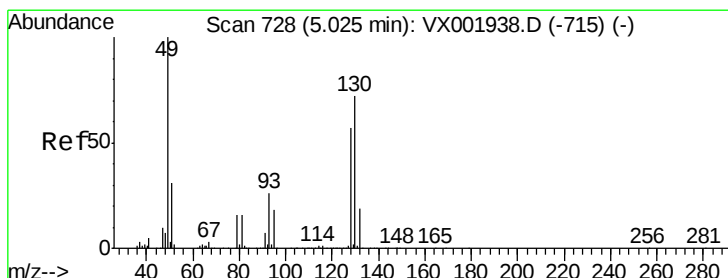
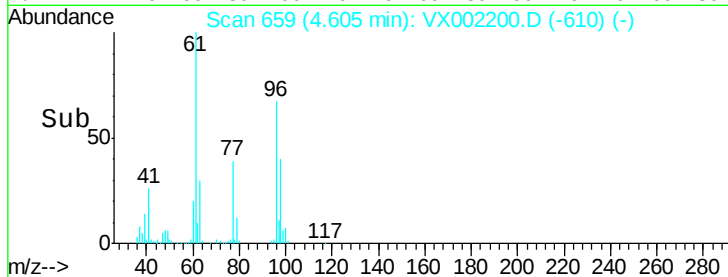
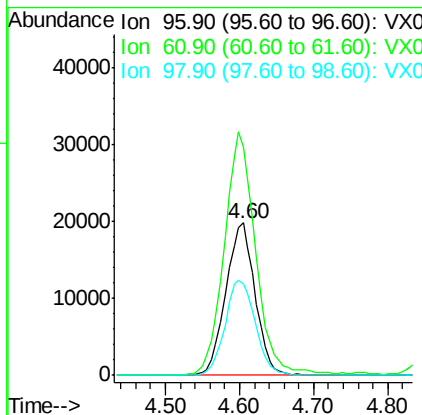
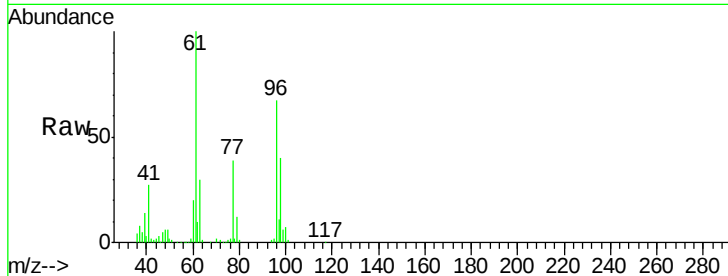
cis-1,2-Dichloroethene
Concen: 19.634 ug/l
RT: 4.60 min Scan# 659
Delta R.T. -0.00 min
Lab File: VX002200.D
Acq: 01 Jun 2018 04:41

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBS04

Tot Ion	Ratio	Lower	Upper
96	100		
61	172.3	0.0	348.4
98	64.6	0.0	128.6

Manual Integrations
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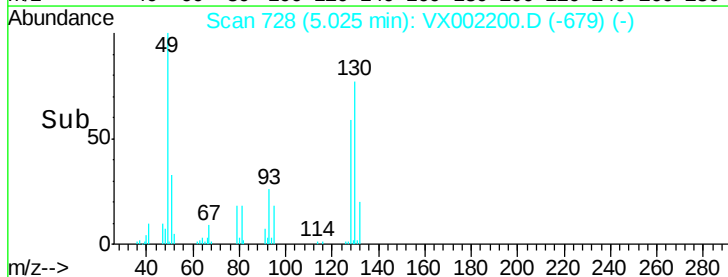
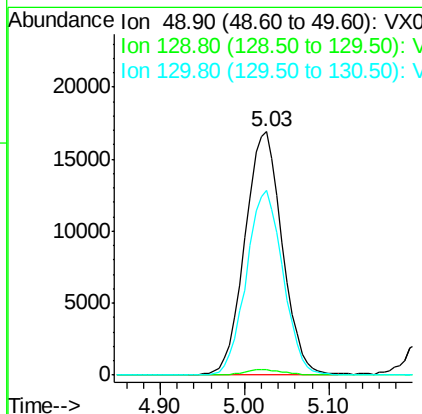
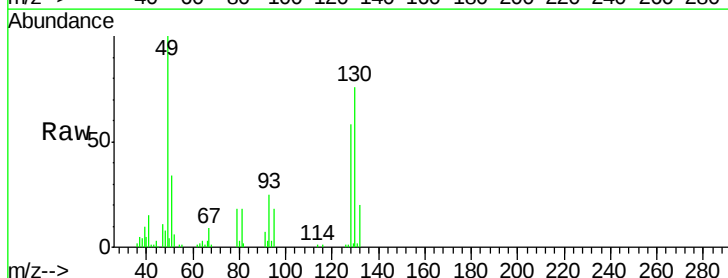
MMDadoda
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#28

Bromochloromethane
Concen: 27.335 ug/l
RT: 5.03 min Scan# 728
Delta R.T. 0.00 min
Lab File: VX002200.D
Acq: 01 Jun 2018 04:41

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	3.8
130	74.4	59.4	89.2





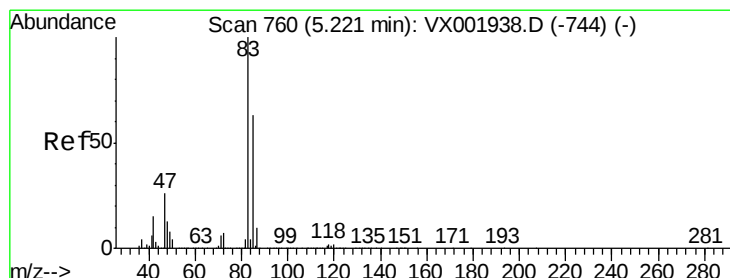
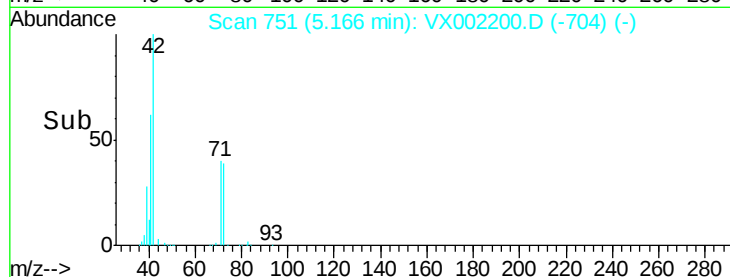
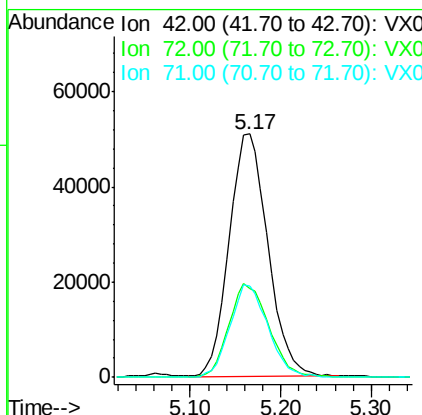
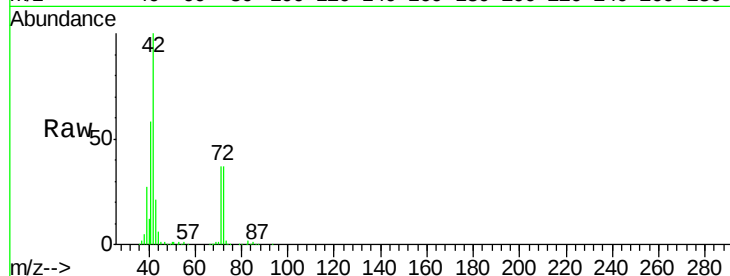
#29
Tetrahydrofuran
Concen: 101.089 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.01 min
Lab File: VX002200.D
Acq: 01 Jun 2018 04:41

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBS04

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.1	31.4	47.0
71	37.8	29.5	44.3

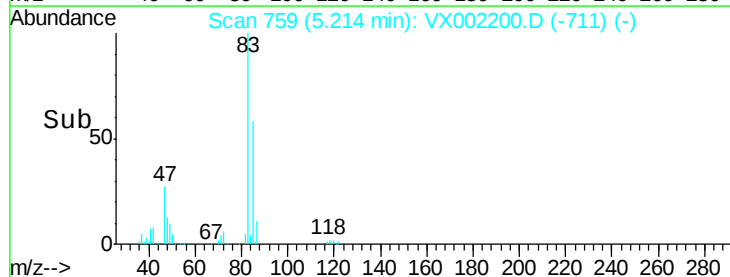
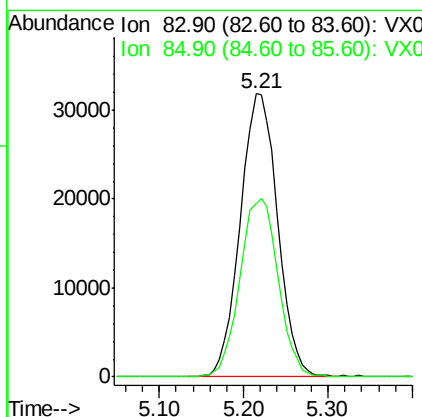
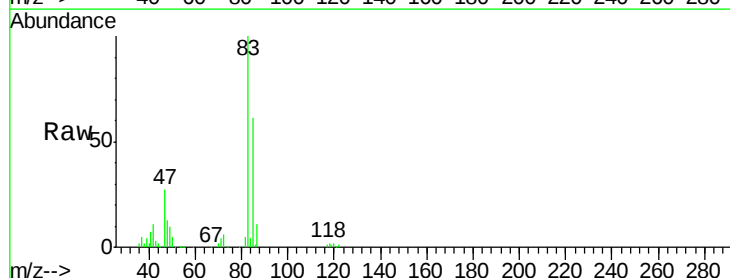
Manual Integrations
APPROVED

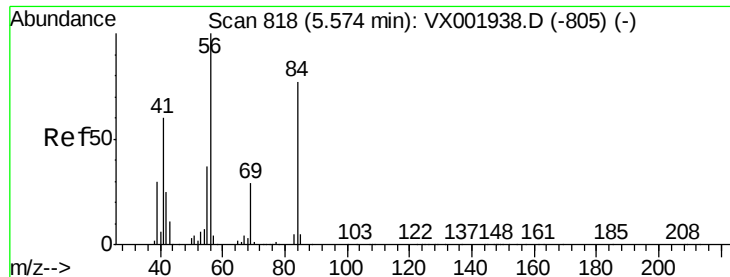
MMDadoda
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#30
Chloroform
Concen: 19.781 ug/l
RT: 5.21 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX002200.D
Acq: 01 Jun 2018 04:41

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.4	50.9	76.3





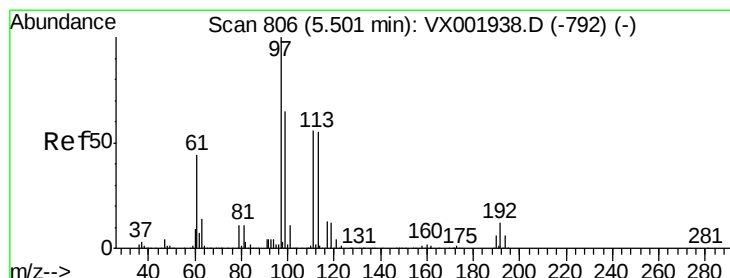
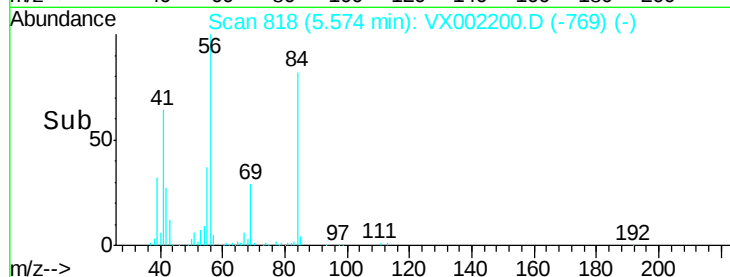
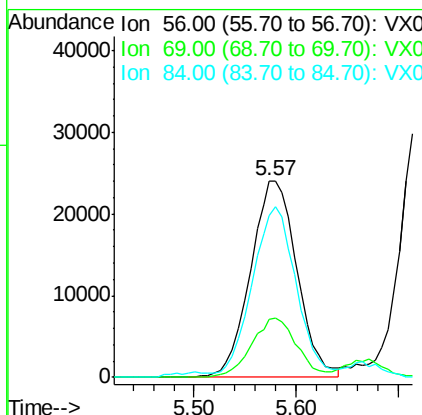
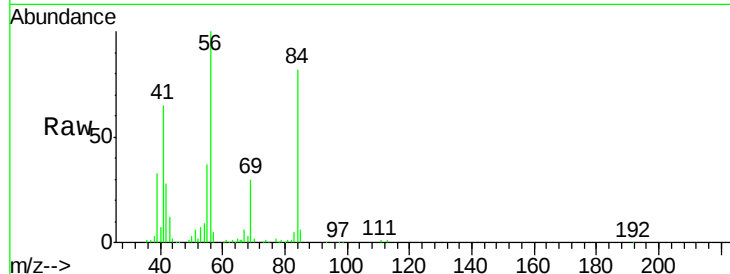
#31
Cyclohexane
Concen: 16.990 ug/l
RT: 5.57 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX002200.D
Acq: 01 Jun 2018 04:41

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBS04

Tot Ion	Ratio	Lower	Upper
56	100		
69	28.9	23.1	34.7
84	79.1	62.0	93.0

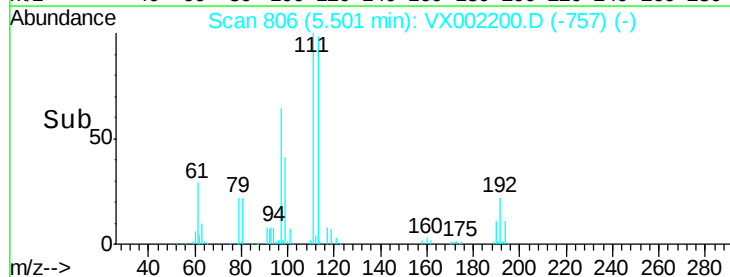
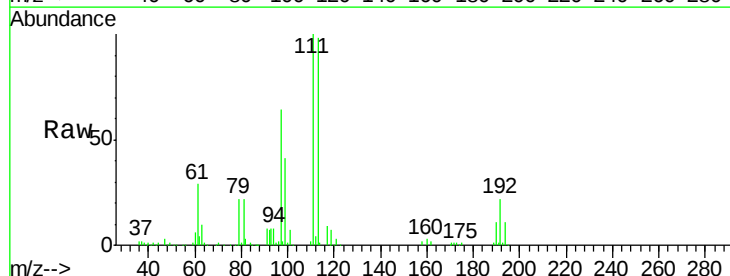
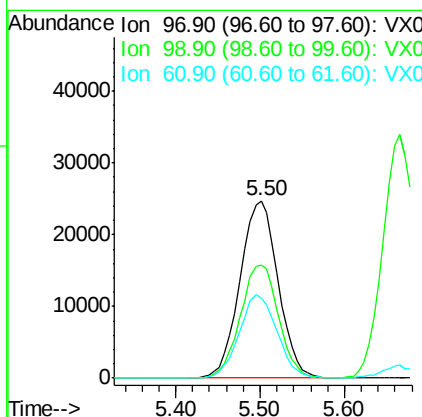
Manual Integrations
APPROVED

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#32
1,1,1-Trichloroethane
Concen: 16.825 ug/l
RT: 5.50 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX002200.D
Acq: 01 Jun 2018 04:41

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.9	77.9
61	46.8	35.9	53.9





#33

1,2-Dichloroethane-d4

Concen: 47.676 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX002200.D

Acq: 01 Jun 2018 04:41

Instrument :

MSVOA_X

ClientSampleId :

VX0531WBS04

Tot Ion: 65 Resp: 154576

Ion Ratio Lower Upper

65 100

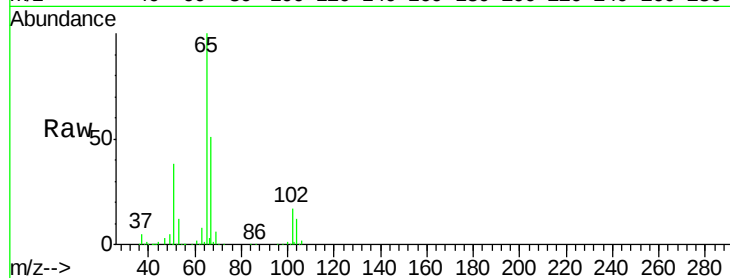
67 51.5 0.0 104.0

Manual Integrations

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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

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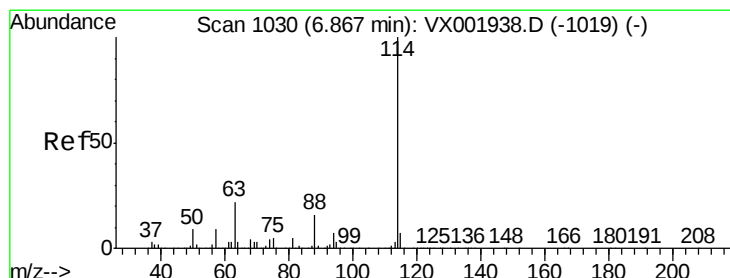
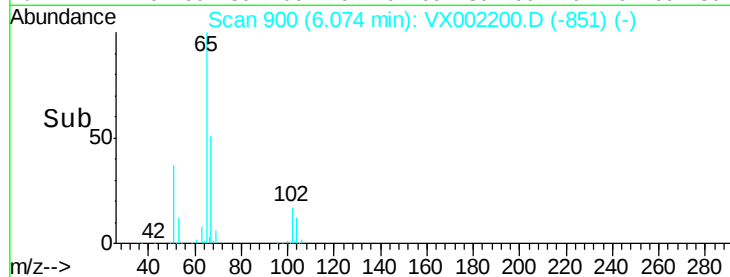
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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002200.D

Acq: 01 Jun 2018 04:41

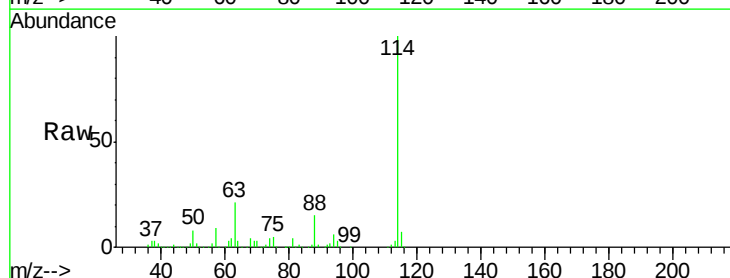
Tgt Ion: 114 Resp: 263530

Ion Ratio Lower Upper

114 100

63 21.0 0.0 43.2

88 15.0 0.0 31.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

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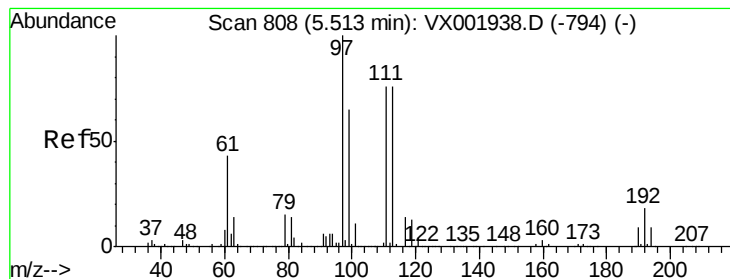
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#35

Dibromofluoromethane

Concen: 42.474 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX002200.D

Acq: 01 Jun 2018 04:41

Instrument :

MSVOA_X

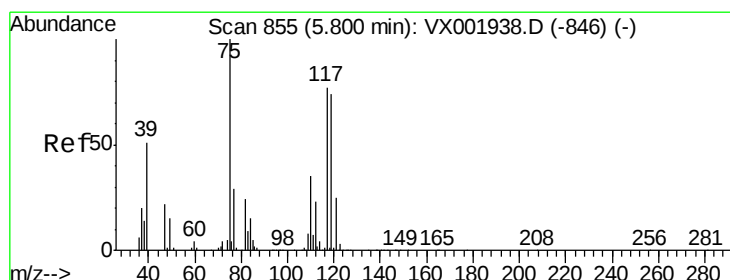
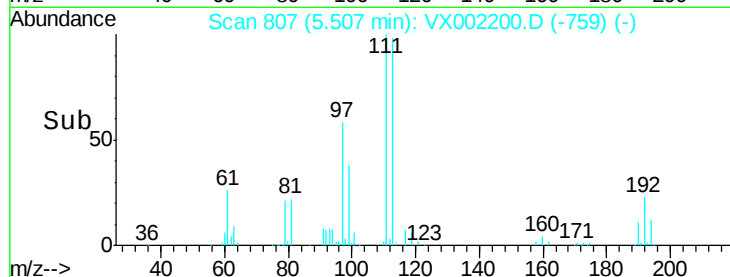
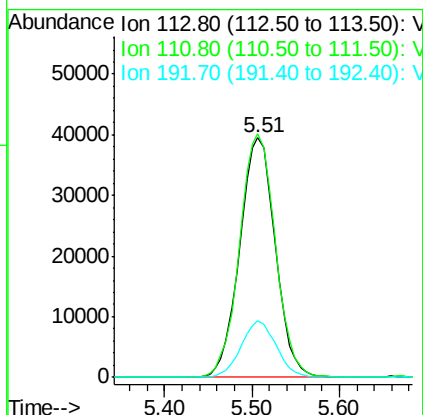
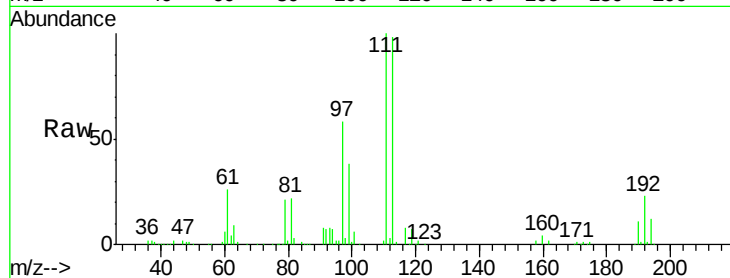
ClientSampleId :

VX0531WBS04

Tot Ion:	113	Resp:	111933
Ion Ratio	Lower	Upper	
113	100		
111	102.2	82.0	123.0
192	23.2	18.9	28.3

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 17.000 ug/l

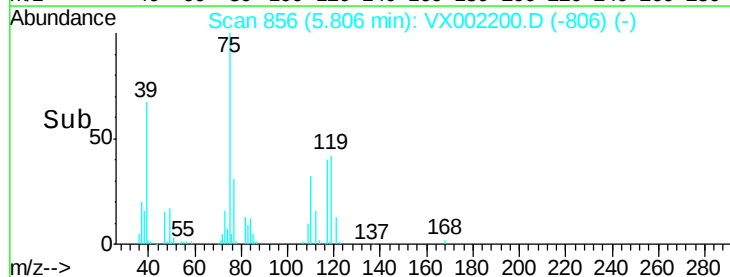
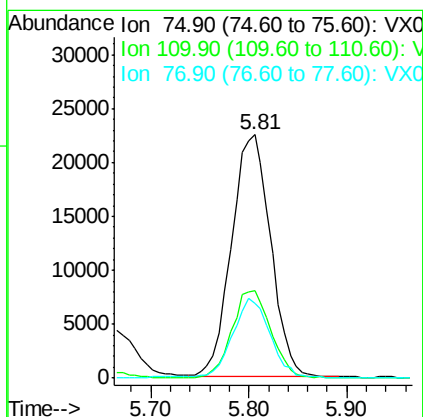
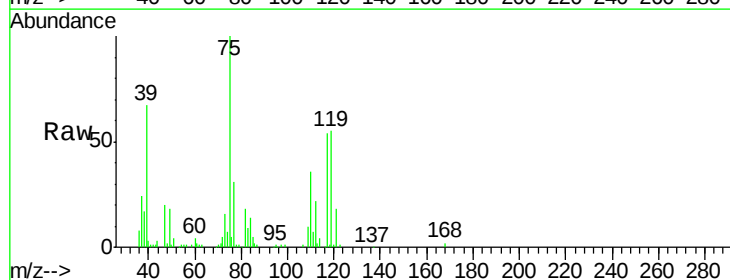
RT: 5.81 min Scan# 856

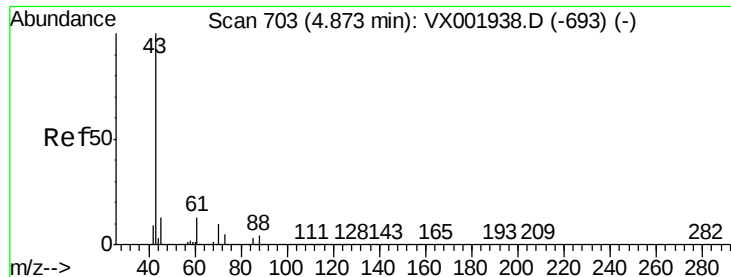
Delta R.T. 0.01 min

Lab File: VX002200.D

Acq: 01 Jun 2018 04:41

Tgt Ion:	75	Resp:	62317
Ion Ratio	Lower	Upper	
75	100		
110	36.1	17.4	52.2
77	32.0	24.4	36.6





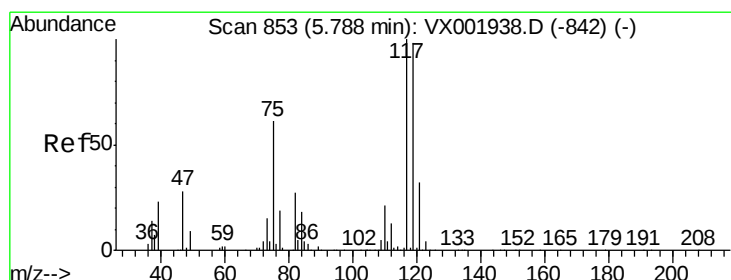
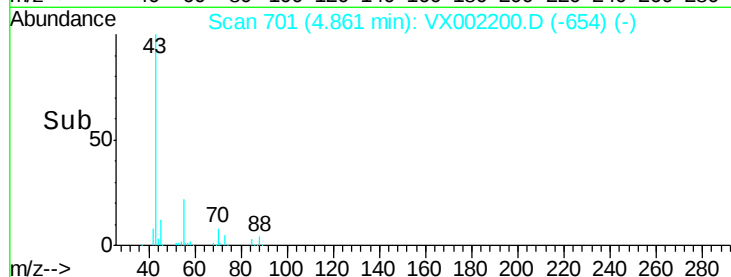
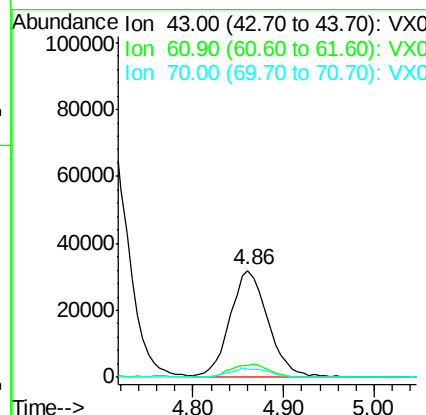
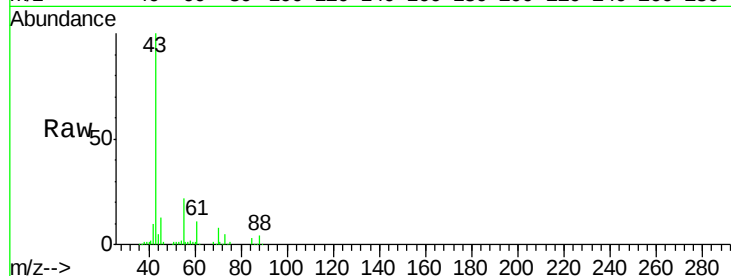
#37
Ethyl Acetate
Concen: 19.183 ug/l
RT: 4.86 min Scan# 701
Delta R.T. -0.01 min
Lab File: VX002200.D
Acq: 01 Jun 2018 04:41

Instrument :
MSVOA_X
ClientSampled :
VX0531WBS04

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.2	10.2	15.2
70	9.0	7.8	11.8

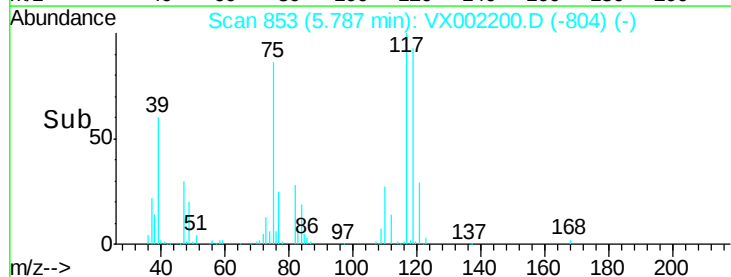
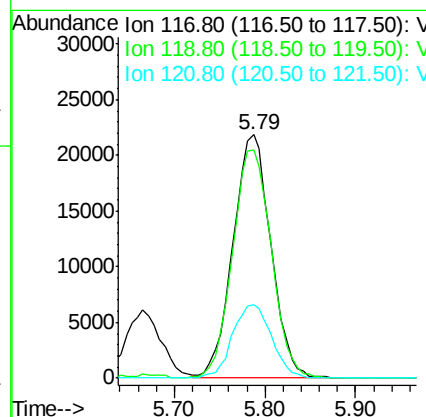
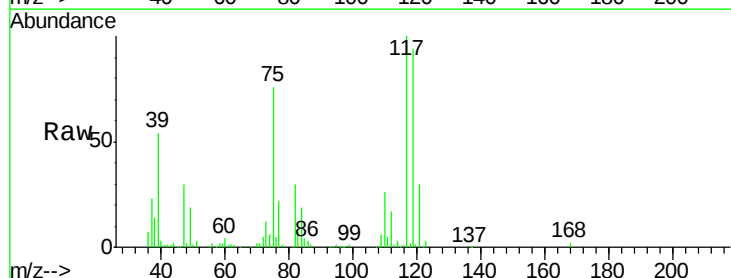
Manual Integrations
APPROVED

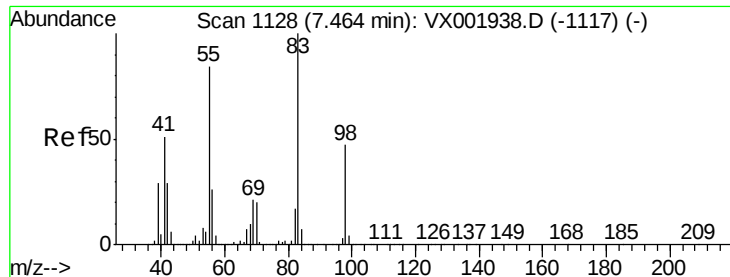
MMDadoda
6/1/2018 6:37:14 PM



#38
Carbon Tetrachloride
Concen: 14.867 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX002200.D
Acq: 01 Jun 2018 04:41

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.6	78.5	117.7
121	30.3	25.5	38.3





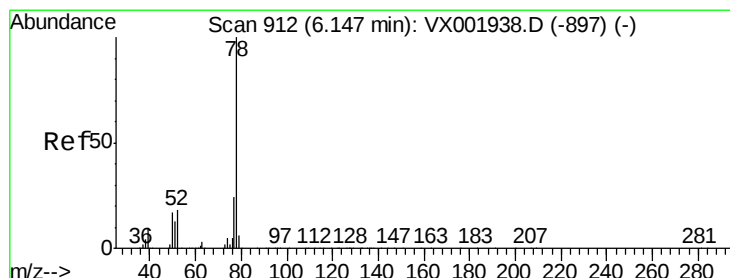
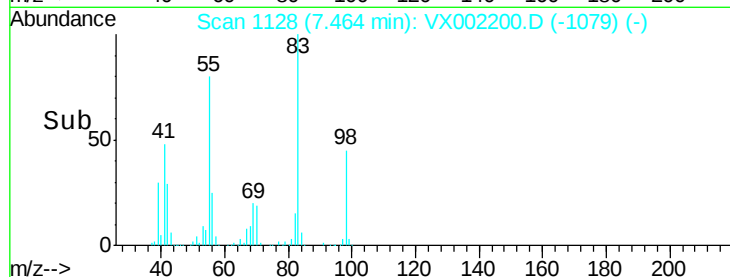
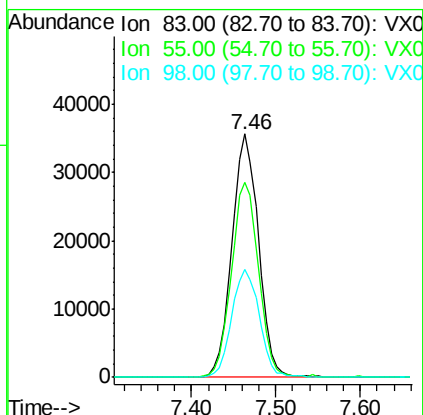
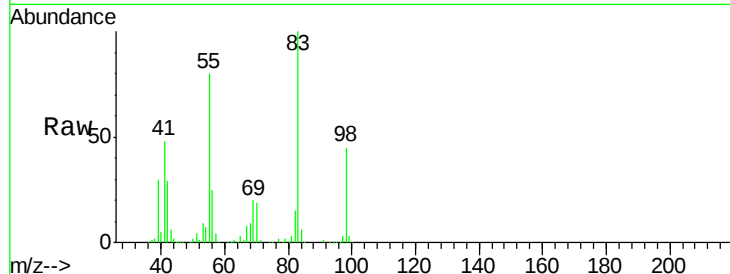
#39
Methvlcvclohexane
Concen: 16.925 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002200.D
Acq: 01 Jun 2018 04:41

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBS04

Tot Ion	83.00	Resp:	76218
Ion	Ratio	Lower	Upper
83	100		
55	80.2	67.3	100.9
98	44.5	37.5	56.3

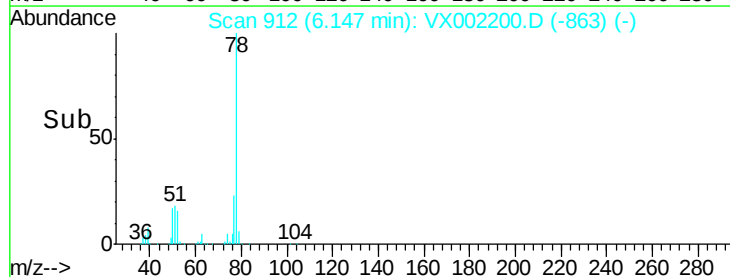
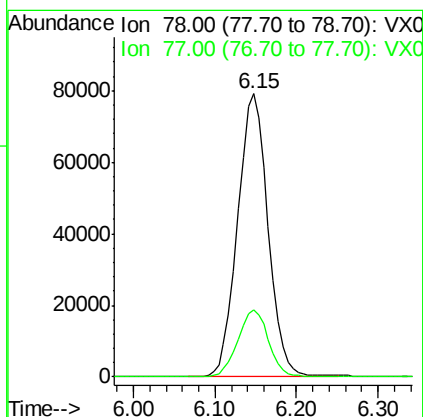
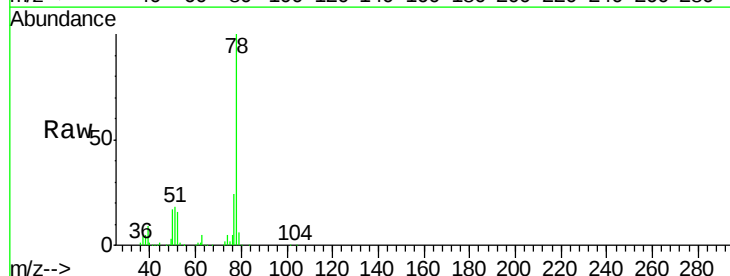
Manual Integrations
APPROVED

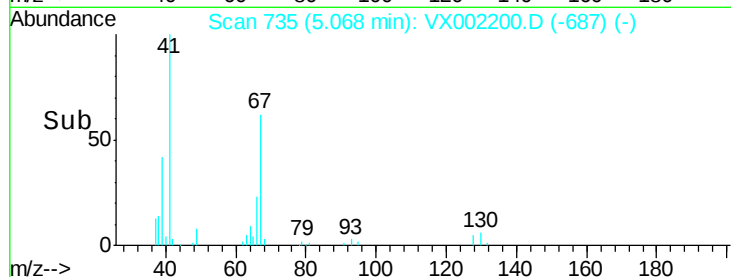
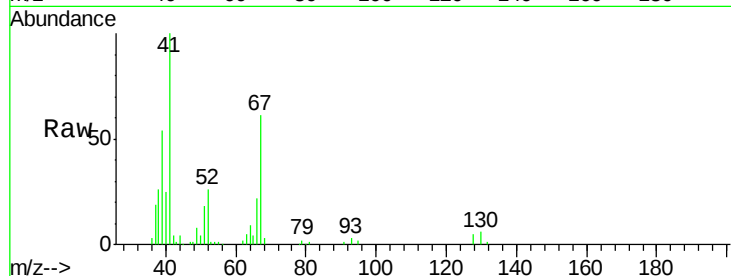
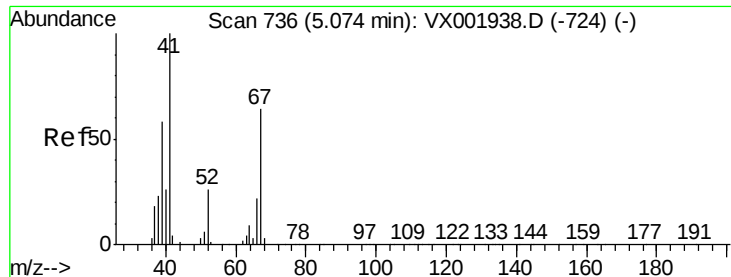
MMDadoda
6/1/2018 6:37:14 PM



#40
Benzene
Concen: 19.096 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002200.D
Acq: 01 Jun 2018 04:41

Tgt Ion	78	Resp:	205067
Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.1	28.7





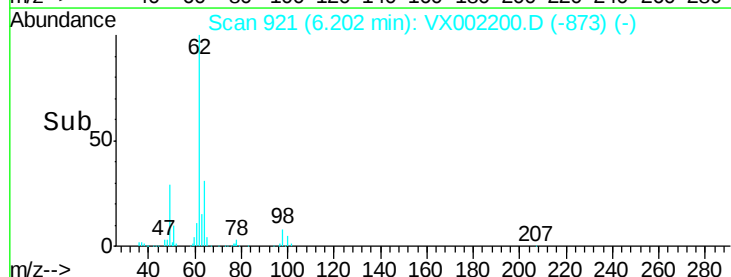
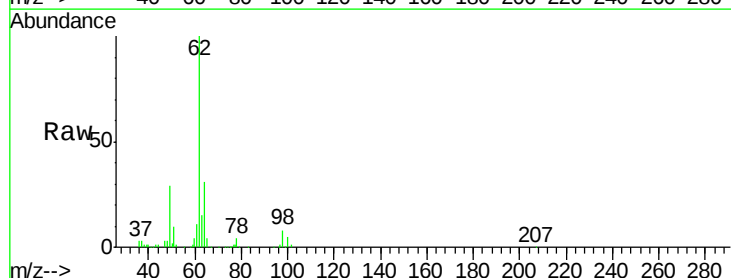
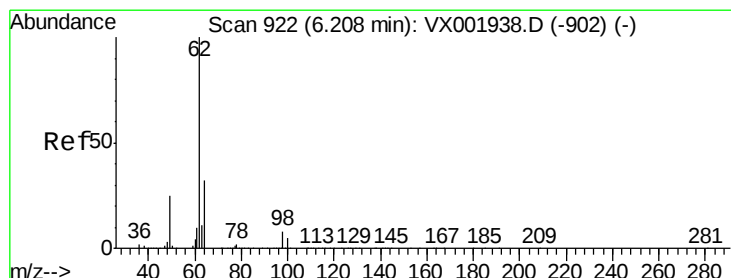
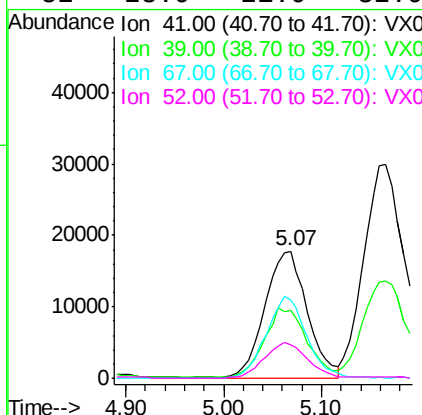
#41
Methacrylonitrile
Concen: 20.352 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX002200.D
Acq: 01 Jun 2018 04:41

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	55.3	46.0	69.0		
67	61.9	50.6	75.8		
52	28.9	21.9	32.9		

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBS04

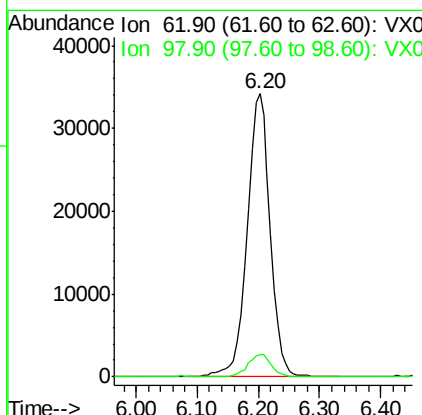
Manual Integrations
APPROVED

MMDadoda
6/1/2018 6:37:14 PM



#42
1,2-Dichloroethane
Concen: 20.860 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.01 min
Lab File: VX002200.D
Acq: 01 Jun 2018 04:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	8.0	0.0	17.0		





#43

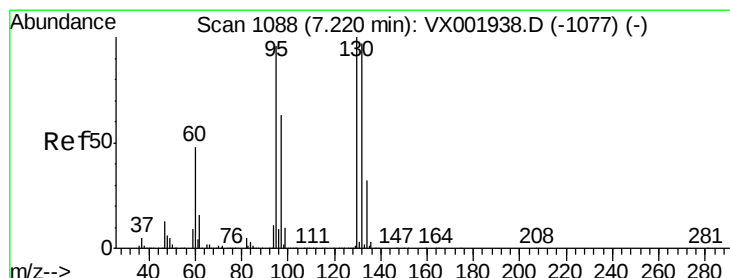
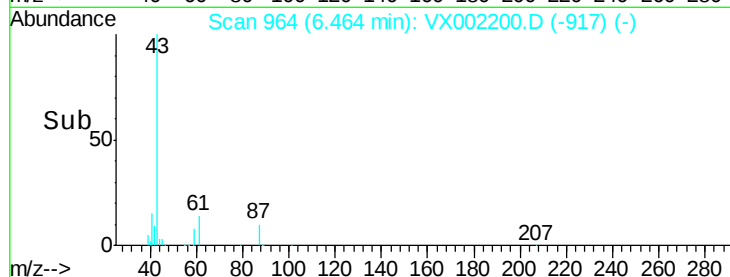
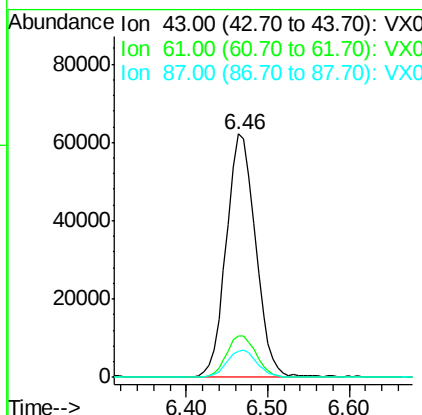
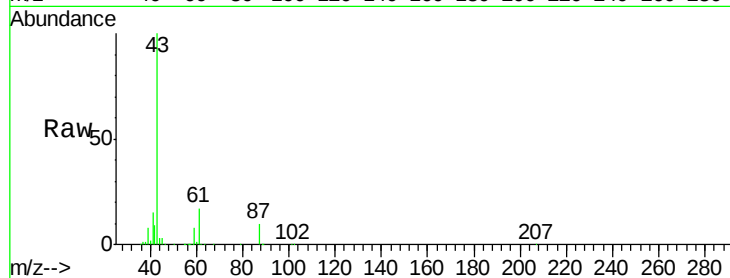
Isopropyl Acetate
 Concen: 19.306 ug/l
 RT: 6.46 min Scan# 964
 Delta R.T. -0.01 min
 Lab File: VX002200.D
 Acq: 01 Jun 2018 04:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0531WBS04

Tot Ion	Ratio	Lower	Upper
43	100		
61	17.4	14.5	21.7
87	11.4	9.5	14.3

Manual Integrations
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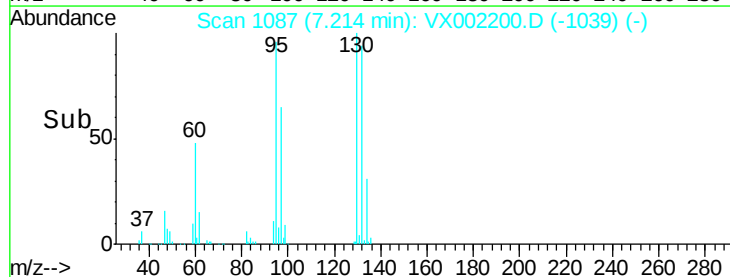
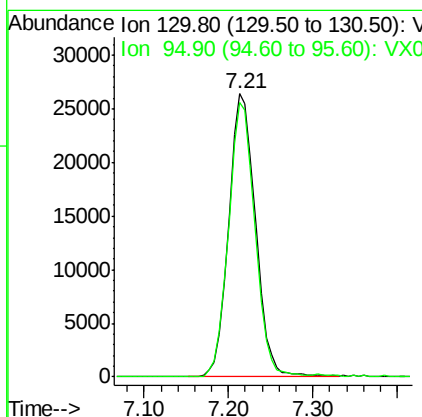
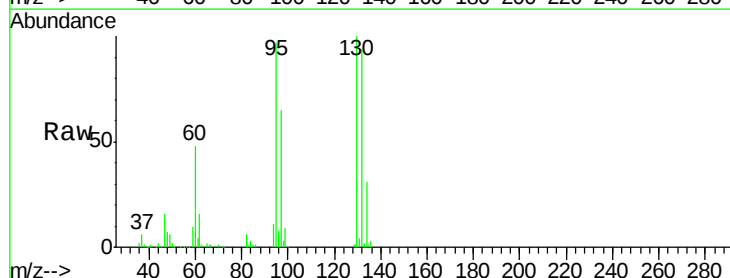
MMDadoda
 6/1/2018 6:37:14 PM



#44

Trichloroethene
 Concen: 18.211 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: VX002200.D
 Acq: 01 Jun 2018 04:41

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.8	0.0	192.0





#45

1,2-Dichloropropane

Concen: 19.556 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.00 min

Lab File: VX002200.D

Acq: 01 Jun 2018 04:41

Instrument :

MSVOA_X

ClientSampleId :

VX0531WBS04

Tot Ion: 63 Resp: 57035

Ion Ratio Lower Upper

63 100

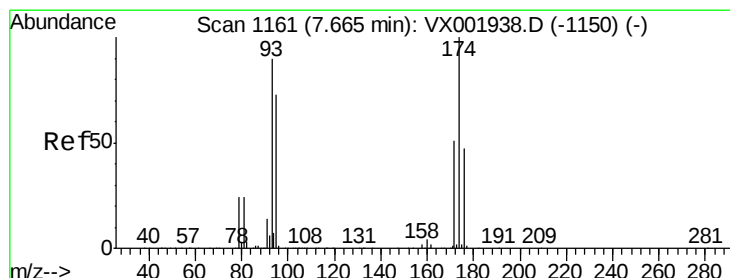
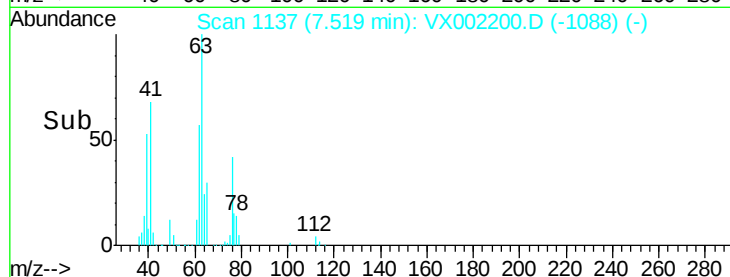
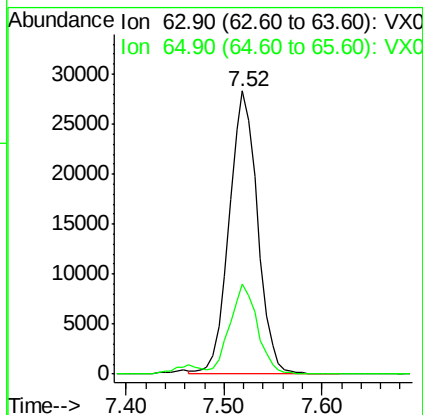
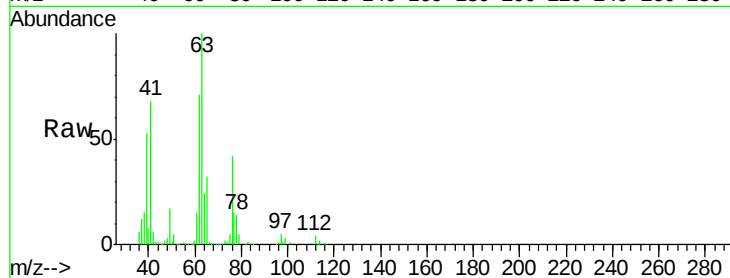
65 31.6 24.1 36.1

Manual Integrations

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6/1/2018 6:37:14 PM



#46

Dibromomethane

Concen: 20.475 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.00 min

Lab File: VX002200.D

Acq: 01 Jun 2018 04:41

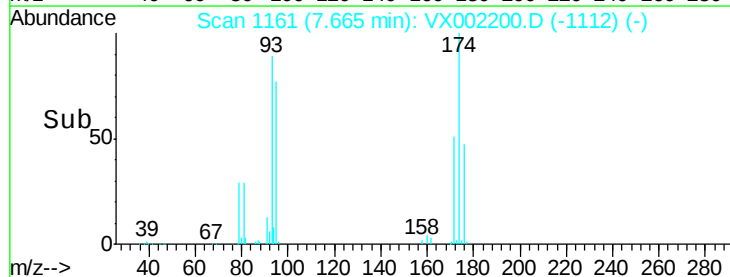
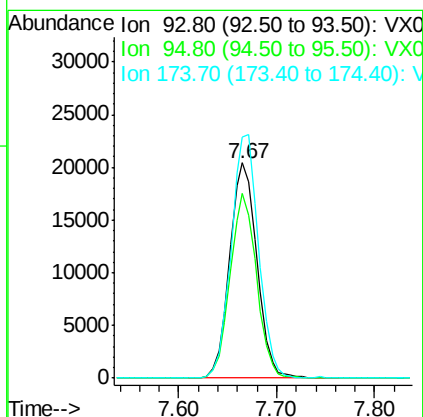
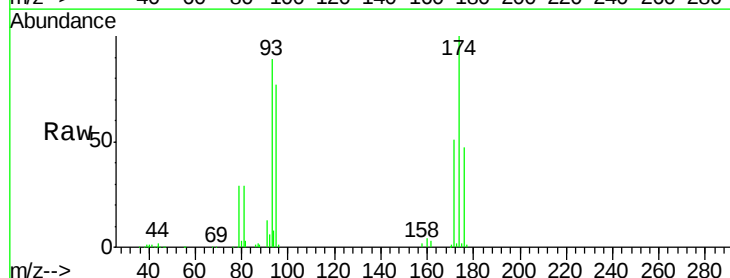
Tgt Ion: 93 Resp: 39535

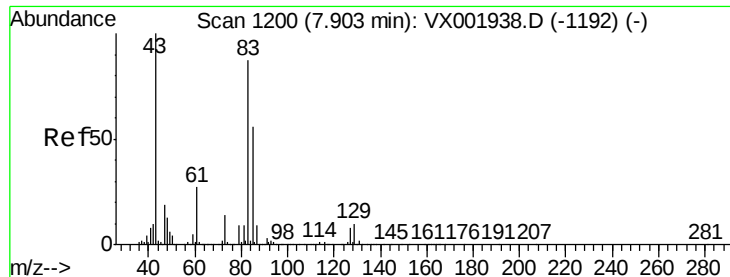
Ion Ratio Lower Upper

93 100

95 83.1 66.1 99.1

174 113.5 92.5 138.7





#47

Bromodichloromethane

Concen: 16.518 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002200.D

Acq: 01 Jun 2018 04:41

Instrument :

MSVOA_X

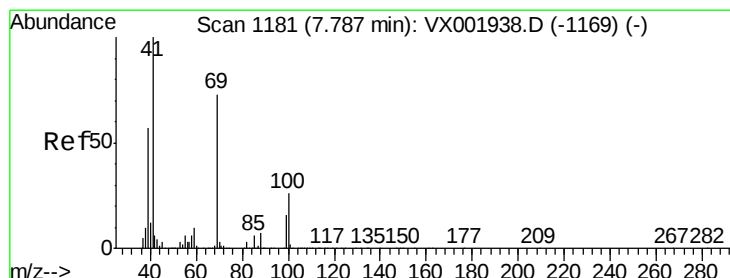
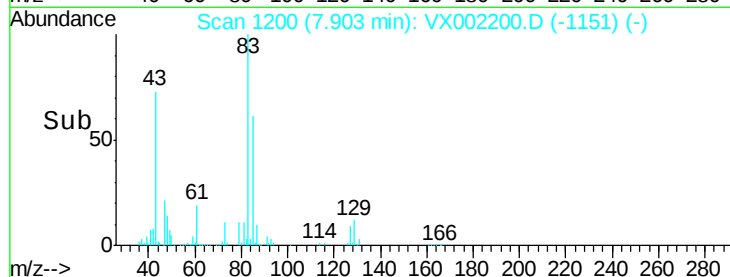
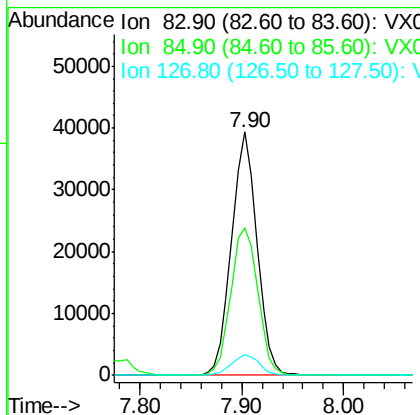
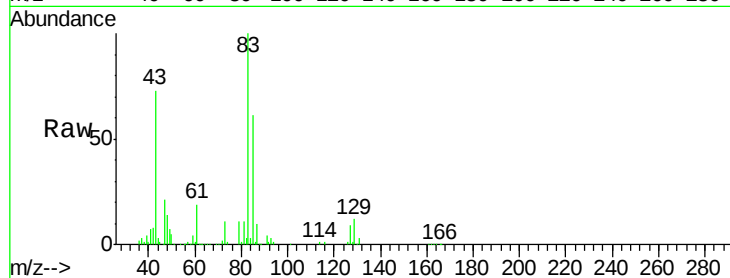
ClientSampleId :

VX0531WBS04

Tot Ion:	83	Resp:	68005
Ion	Ratio	Lower	Upper
83	100		
85	60.6	51.4	77.2
127	8.8	7.1	10.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.130 ug/l

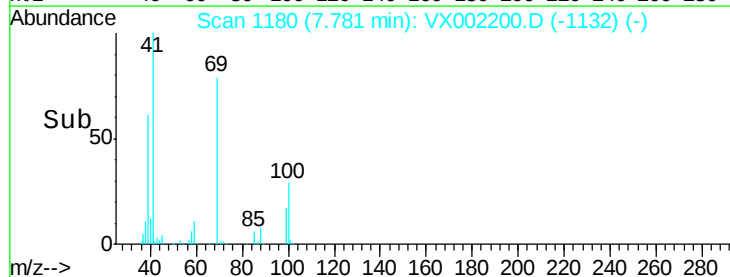
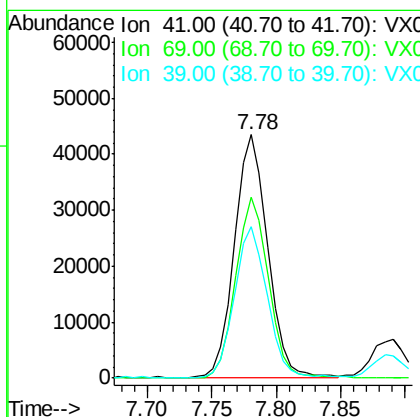
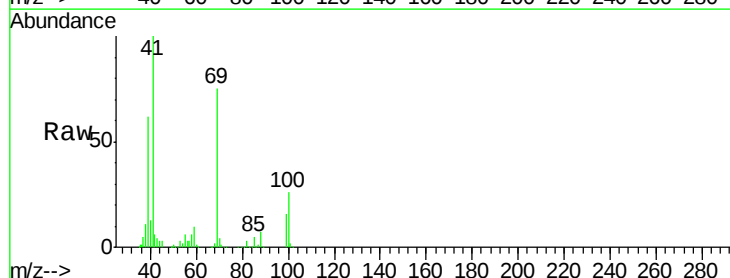
RT: 7.78 min Scan# 1180

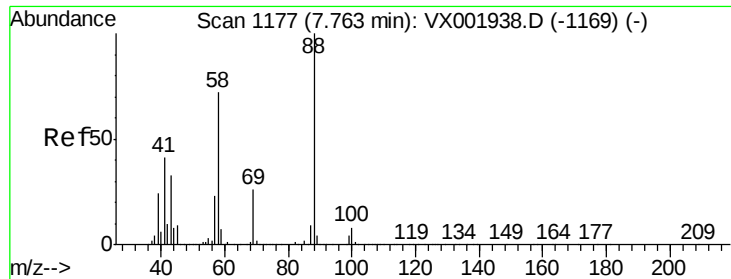
Delta R.T. -0.01 min

Lab File: VX002200.D

Acq: 01 Jun 2018 04:41

Tgt Ion:	41	Resp:	77529
Ion	Ratio	Lower	Upper
41	100		
69	74.1	58.6	87.8
39	61.5	46.3	69.5





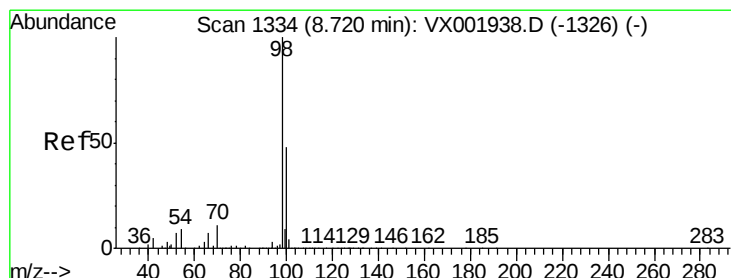
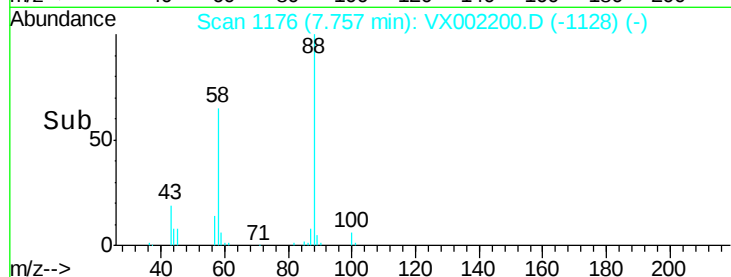
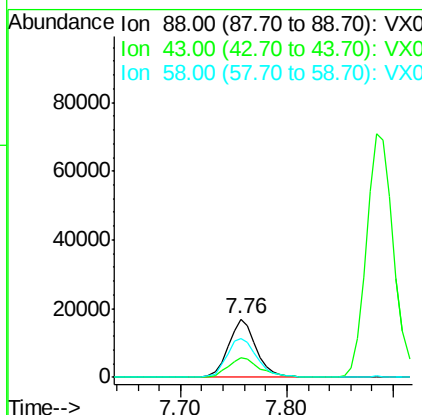
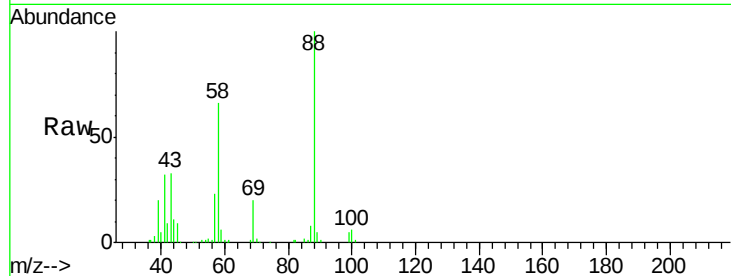
#49
1,4-Dioxane
Concen: 431.701 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.01 min
Lab File: VX002200.D
Acq: 01 Jun 2018 04:41

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBS04

Tot Ion	Ratio	Lower	Upper
88	100		
43	37.8	29.8	44.8
58	73.1	58.7	88.1

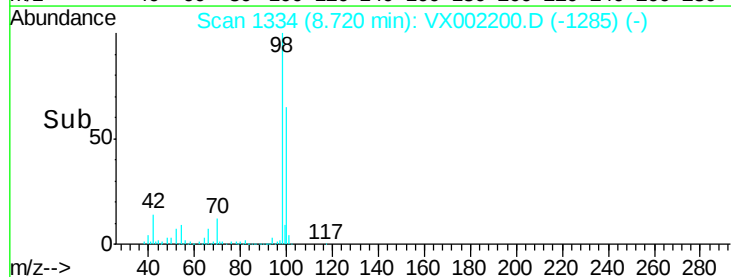
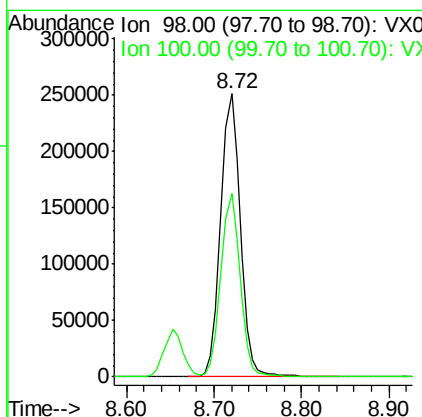
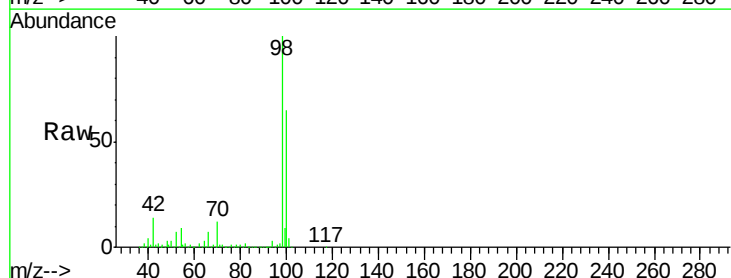
Manual Integrations
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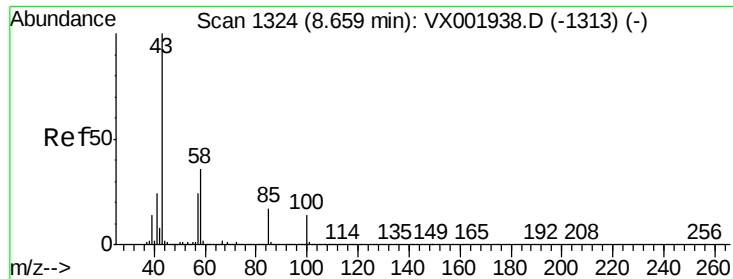
MMDadoda
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#50
Toluene-d8
Concen: 41.103 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002200.D
Acq: 01 Jun 2018 04:41

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.7	51.5	77.3





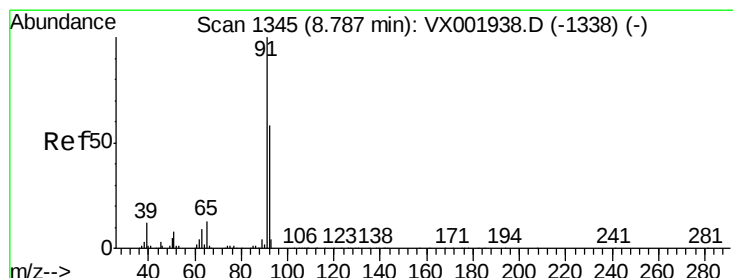
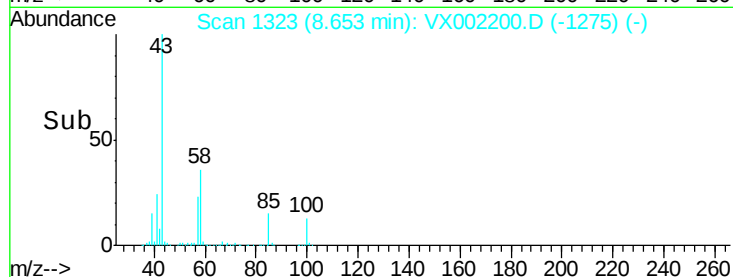
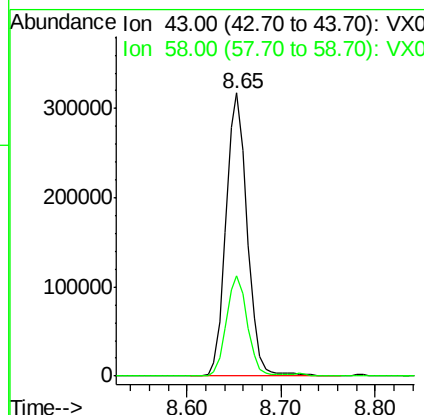
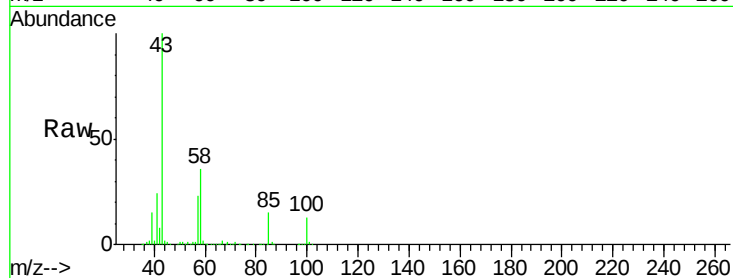
#51
4-Methyl-2-Pentanone
Concen: 103.385 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.01 min
Lab File: VX002200.D
Acq: 01 Jun 2018 04:41

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBS04

Tot Ion	43	Resp	496249
Ion Ratio	100	Lower	Upper
43	100		
58	35.1	28.5	42.7

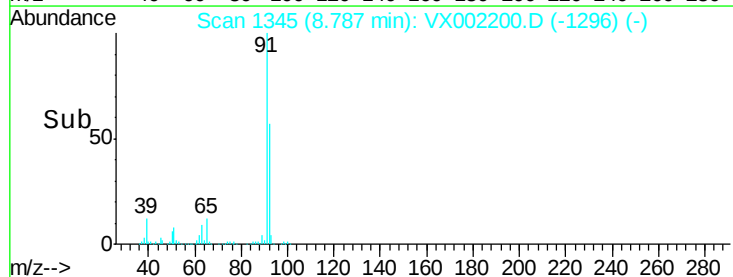
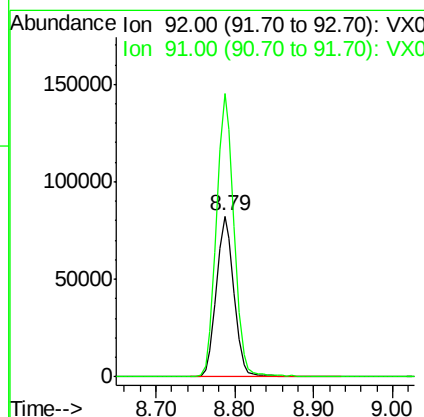
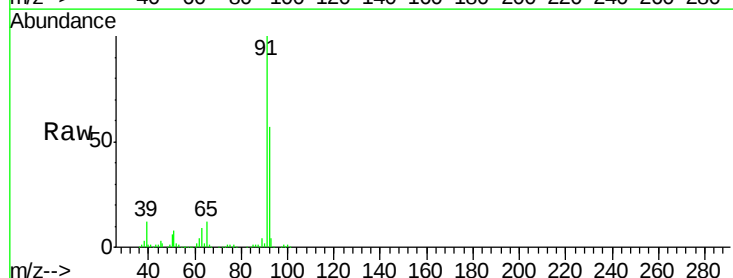
Manual Integrations
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#52
Toluene
Concen: 18.872 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.00 min
Lab File: VX002200.D
Acq: 01 Jun 2018 04:41

Tgt Ion	92	Resp	128979
Ion Ratio	100	Lower	Upper
92	100		
91	176.6	139.4	209.2





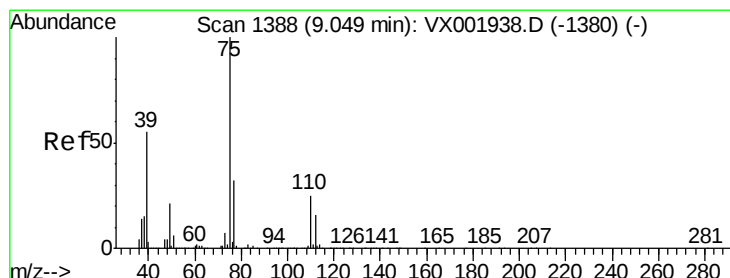
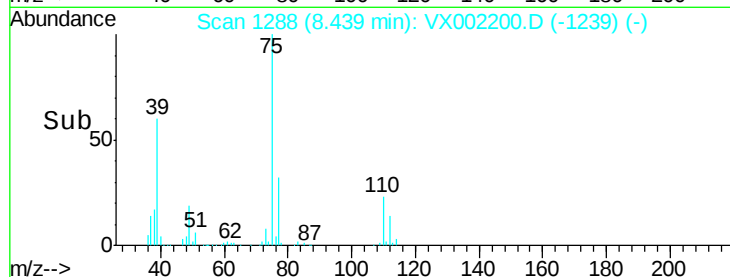
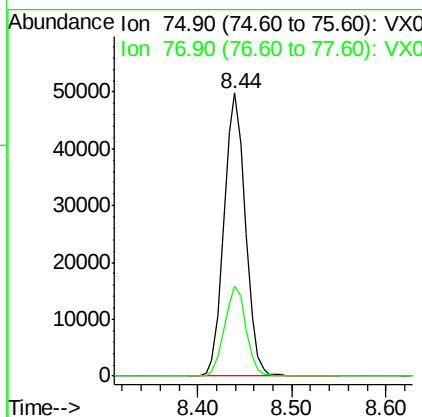
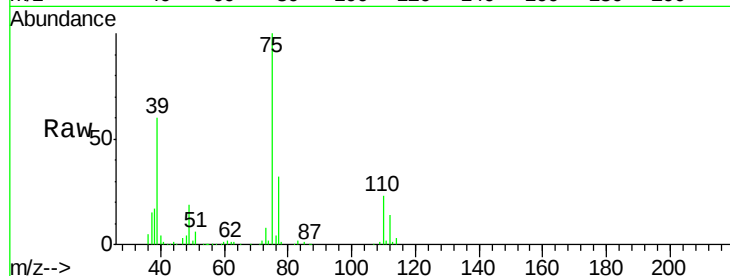
#53
t-1,3-Dichloropropene
Concen: 16.580 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VX002200.D
Acq: 01 Jun 2018 04:41

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBS04

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.5	38.3

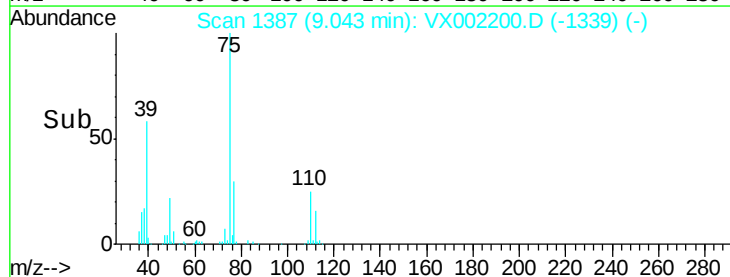
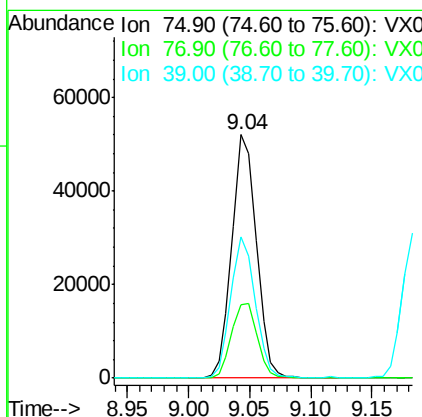
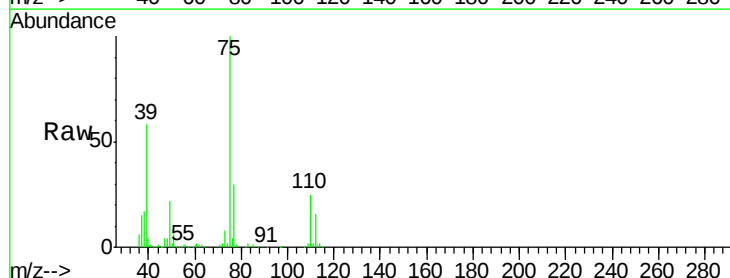
Manual Integrations
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6/1/2018 6:37:14 PM



#54
cis-1,3-Dichloropropene
Concen: 15.723 ug/l
RT: 9.04 min Scan# 1387
Delta R.T. -0.01 min
Lab File: VX002200.D
Acq: 01 Jun 2018 04:41

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.1	25.4	38.0
39	57.8	44.1	66.1





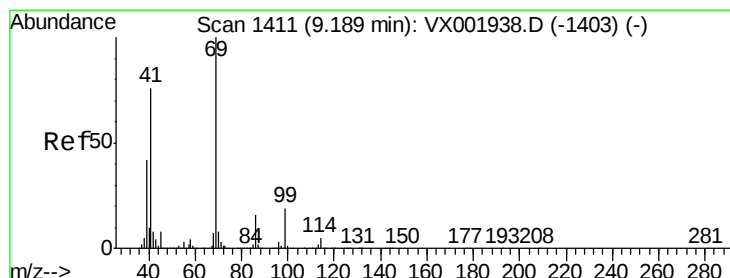
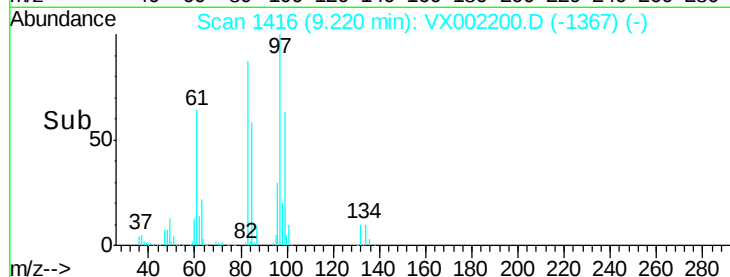
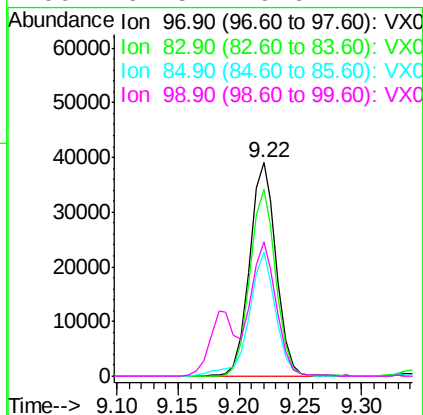
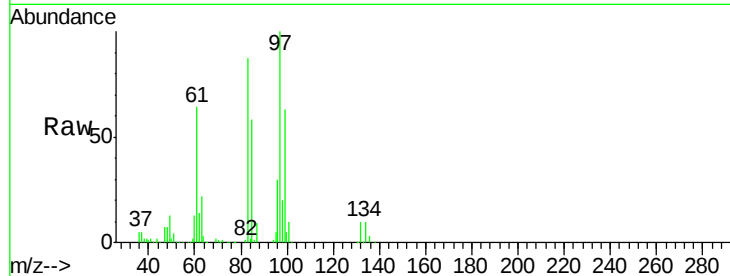
#55
 1,1,2-Trichloroethane
 Concen: 20.710 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002200.D
 Acq: 01 Jun 2018 04:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0531WBS04

Tot Ion:	97	Resp:	59129
Ion	Ratio	Lower	Upper
97	100		
83	87.4	69.1	103.7
85	58.1	45.2	67.8
99	62.5	49.6	74.4

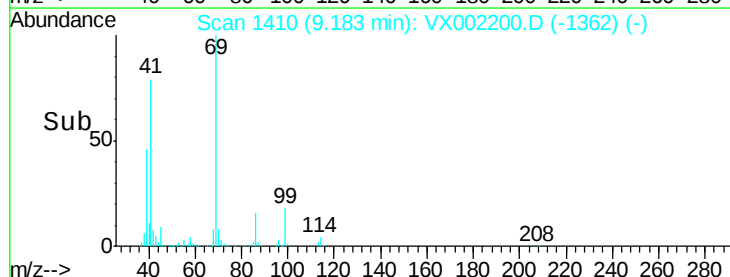
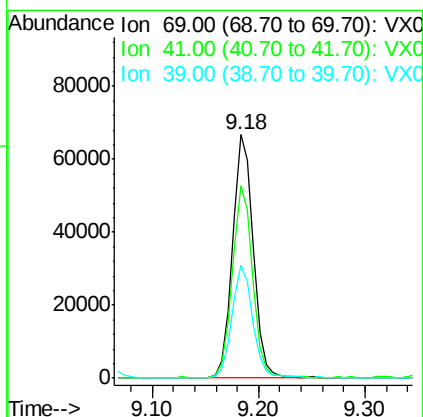
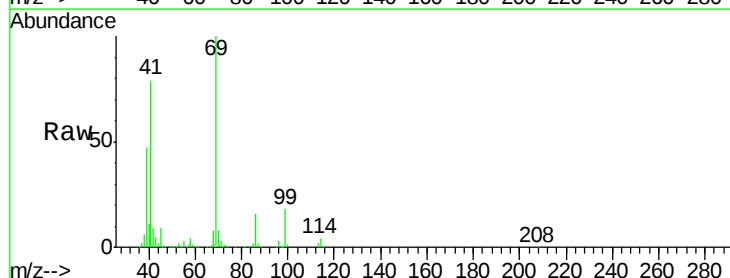
Manual Integrations
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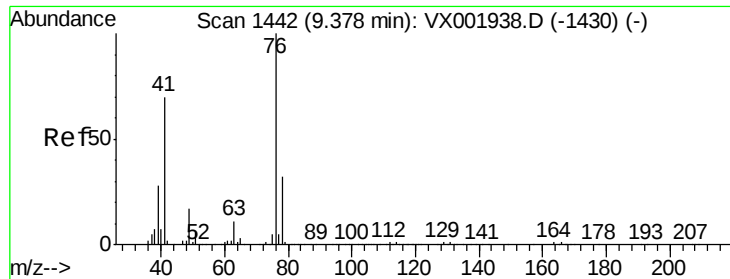
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#56
 Ethyl methacrylate
 Concen: 18.670 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.01 min
 Lab File: VX002200.D
 Acq: 01 Jun 2018 04:41

Tgt Ion:	69	Resp:	91687
Ion	Ratio	Lower	Upper
69	100		
41	76.7	61.0	91.6
39	45.8	34.4	51.6





#57

1,3-Dichloropropane

Concen: 20.889 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. -0.01 min

Lab File: VX002200.D

Acq: 01 Jun 2018 04:41

Instrument :

MSVOA_X

ClientSampleId :

VX0531WBS04

Tot Ion: 76 Resp: 98251

Ion Ratio Lower Upper

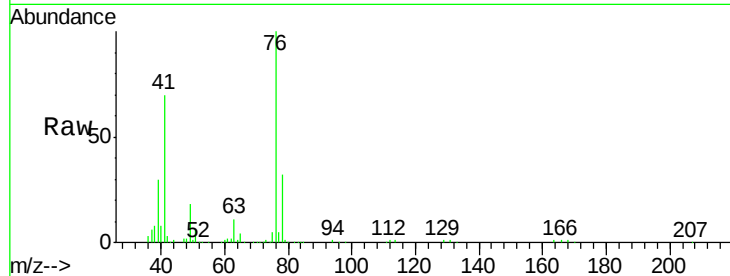
76 100

78 31.9 25.6 38.4

Manual Integrations
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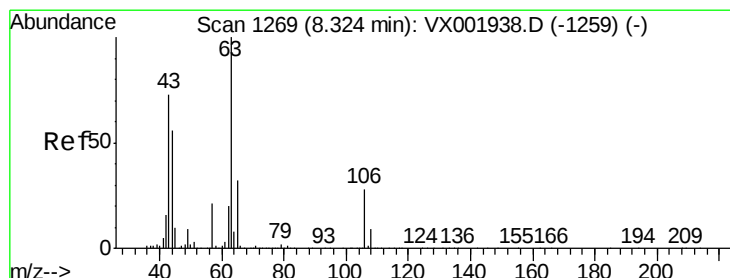
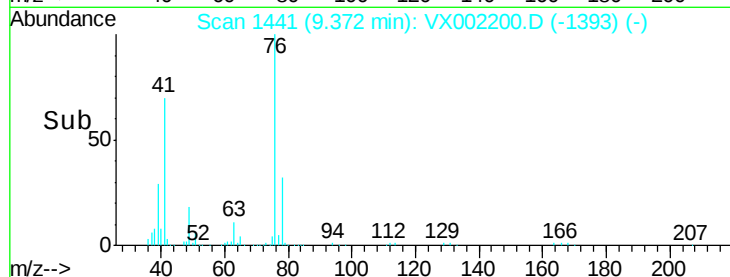
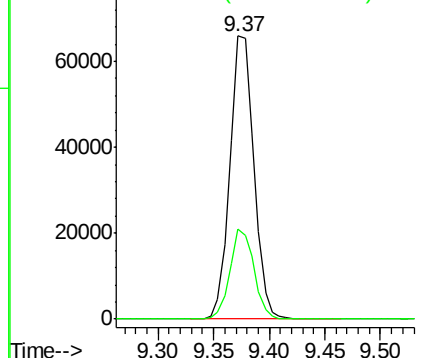
MMDadoda

6/1/2018 6:37:14 PM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 23.950 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX002200.D

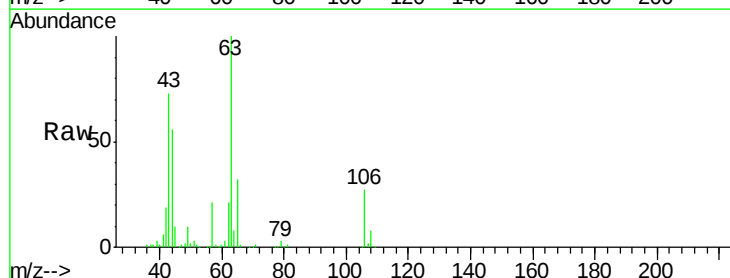
Acq: 01 Jun 2018 04:41

Tgt Ion: 63 Resp: 52129

Ion Ratio Lower Upper

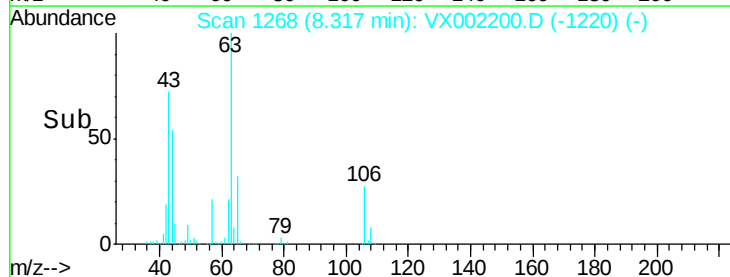
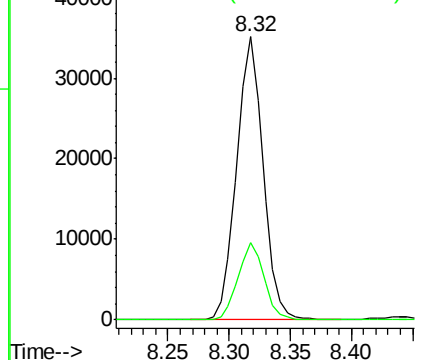
63 100

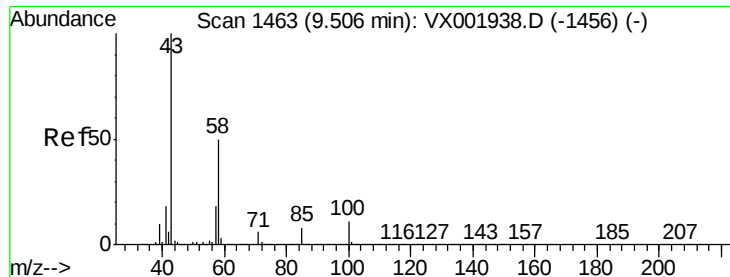
106 27.3 21.7 32.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





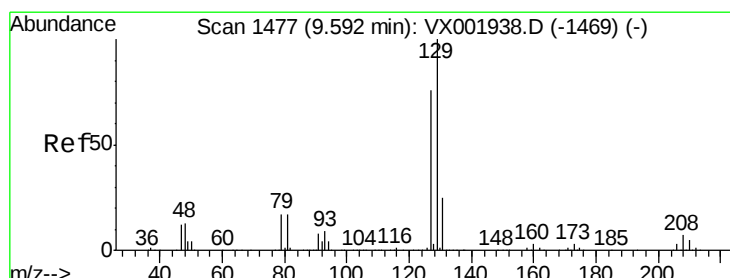
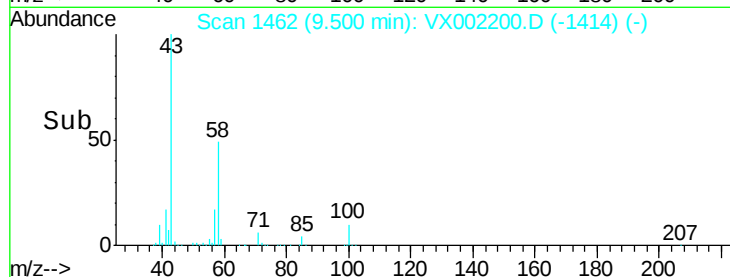
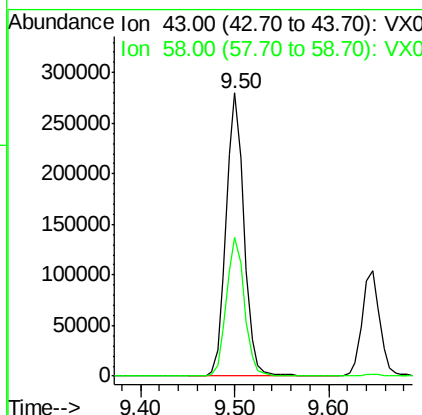
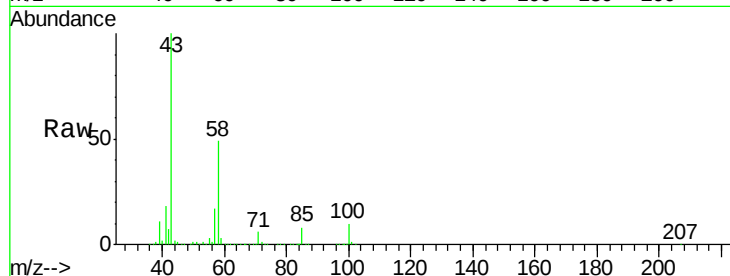
#59
2-Hexanone
Concen: 99.971 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX002200.D
Acq: 01 Jun 2018 04:41

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBS04

Tot Ion: 43 Resp: 370004
Ion Ratio Lower Upper
43 100
58 49.4 24.9 74.6

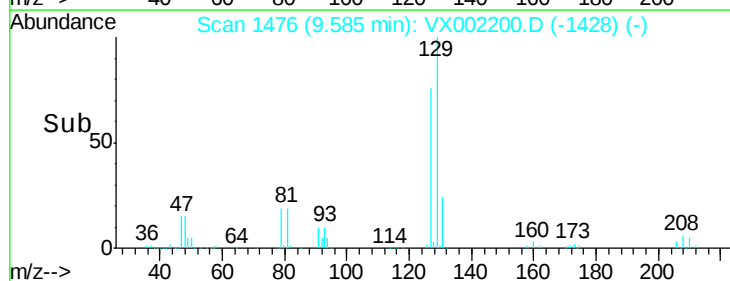
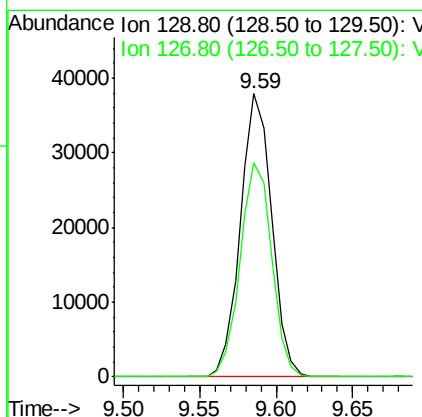
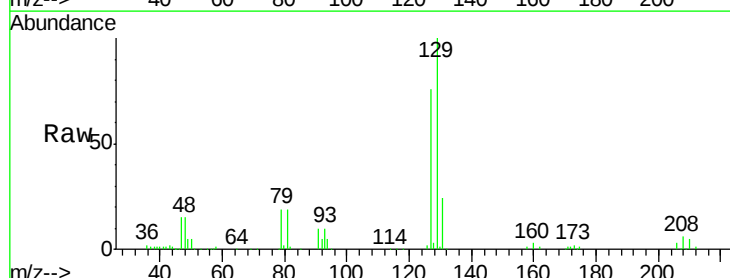
Manual Integrations
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6/1/2018 6:37:14 PM



#60
Dibromochloromethane
Concen: 15.912 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX002200.D
Acq: 01 Jun 2018 04:41

Tgt Ion: 129 Resp: 53808
Ion Ratio Lower Upper
129 100
127 76.4 38.3 114.9





#61

1,2-Dibromoethane

Concen: 20.163 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002200.D

Acq: 01 Jun 2018 04:41

Instrument :

MSVOA_X

ClientSampleId :

VX0531WBS04

Tot Ion: 107 Resp: 60405

Ion Ratio Lower Upper

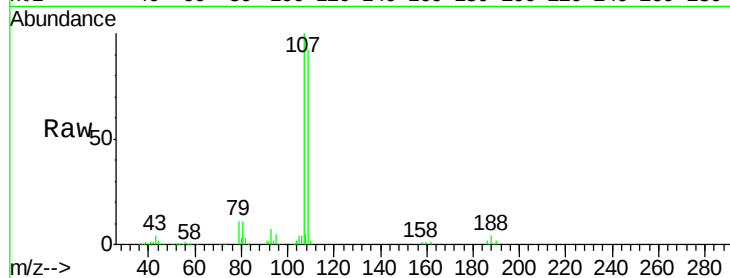
107 100

109 93.8 75.3 112.9

Manual Integrations
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

50000

40000

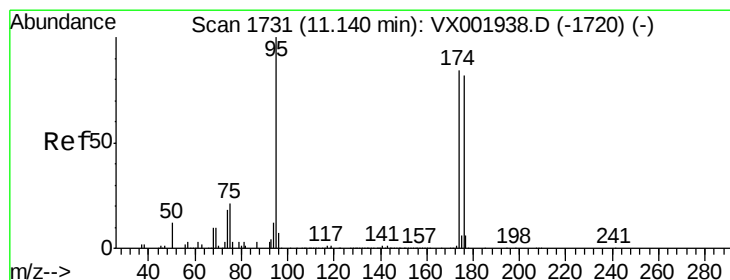
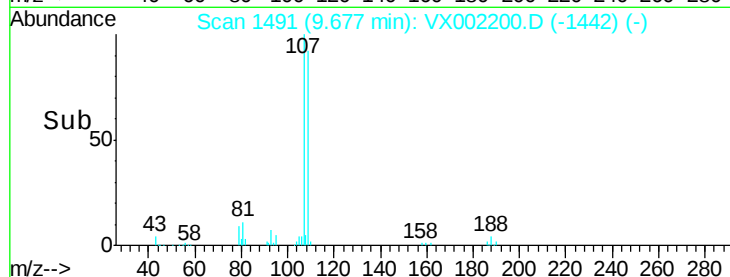
30000

20000

10000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 41.731 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002200.D

Acq: 01 Jun 2018 04:41

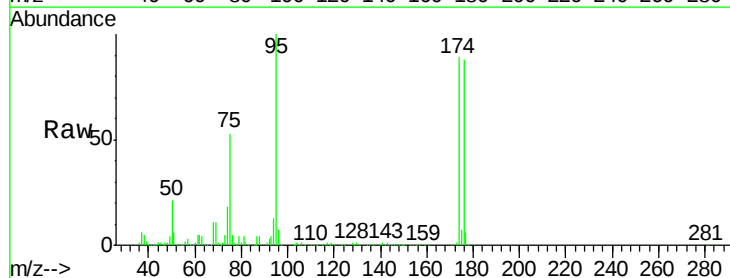
Tgt Ion: 95 Resp: 155777

Ion Ratio Lower Upper

95 100

174 92.9 0.0 178.8

176 91.0 0.0 175.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.14

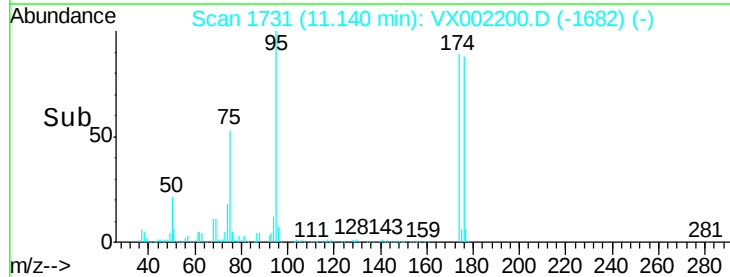
150000

100000

50000

0

Time-->





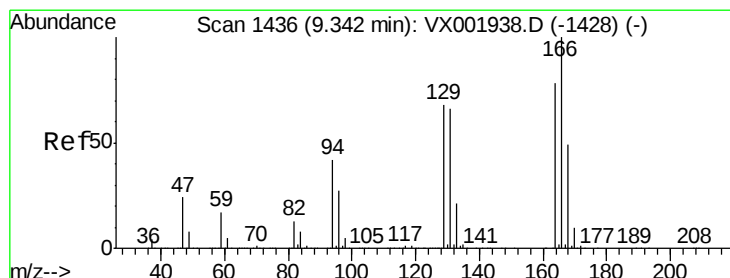
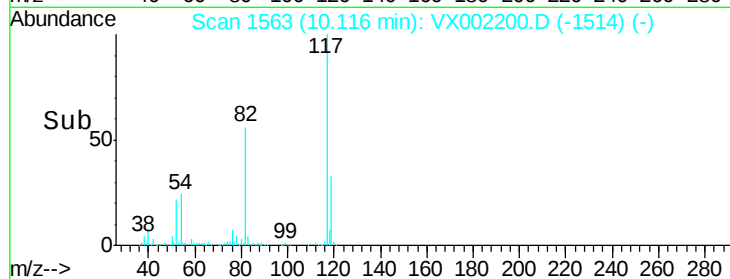
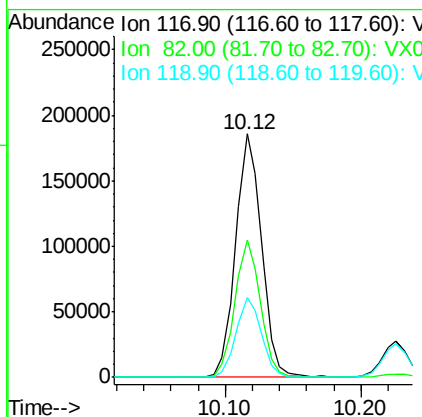
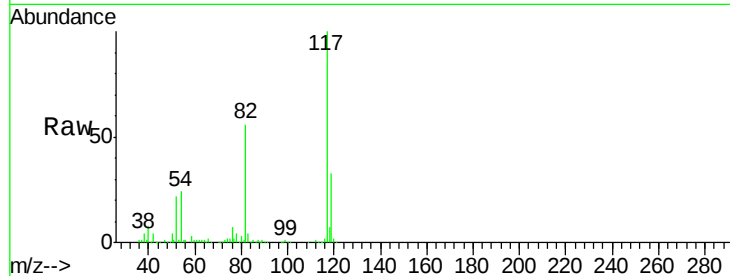
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002200.D
Acq: 01 Jun 2018 04:41

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBS04

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.3	44.8	67.2
119	32.6	25.5	38.3

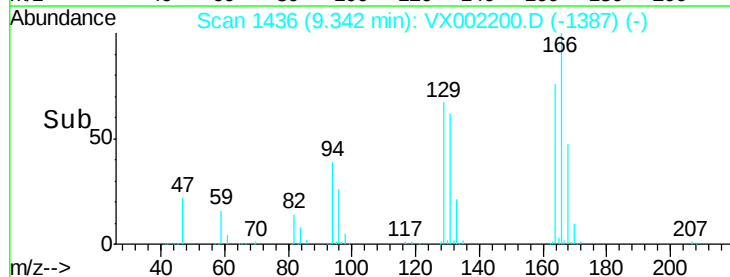
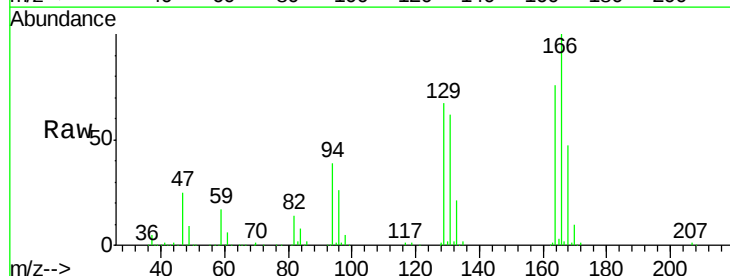
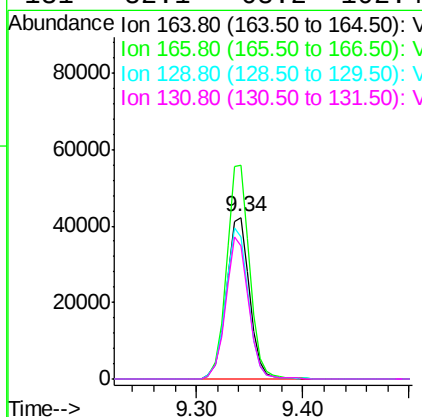
Manual Integrations
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#64
Tetrachloroethene
Concen: 18.181 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX002200.D
Acq: 01 Jun 2018 04:41

Tgt Ion	Ratio	Lower	Upper
164	100		
166	132.3	102.7	154.1
129	88.2	70.3	105.5
131	82.1	68.2	102.4





#65

Chlorobenzene

Concen: 19.019 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.01 min

Lab File: VX002200.D

Acq: 01 Jun 2018 04:41

Instrument :

MSVOA_X

ClientSampleId :

VX0531WBS04

Tot Ion:112 Resp: 149025

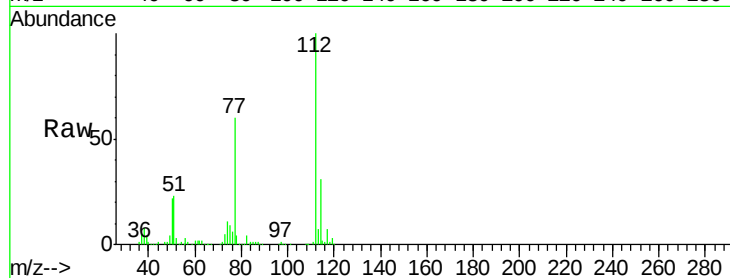
Ion Ratio Lower Upper

112 100

114 31.4 25.9 38.9

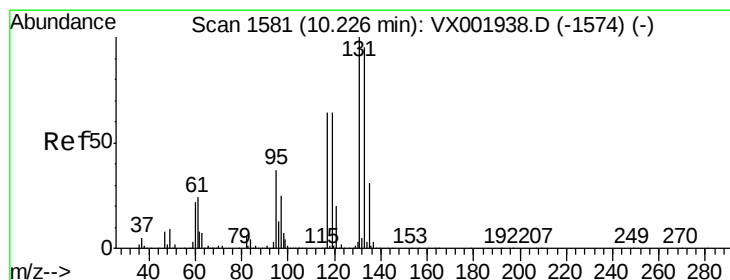
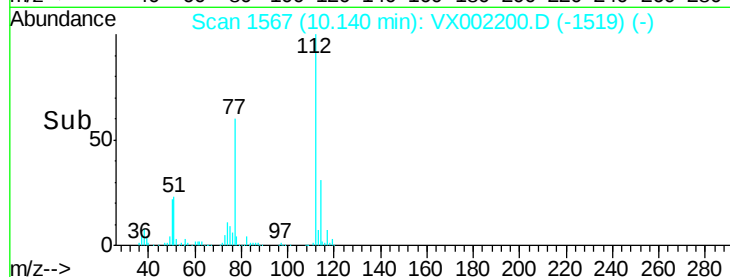
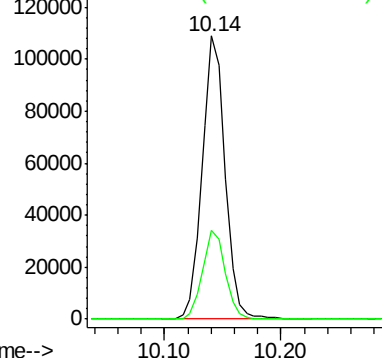
Manual Integrations
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 16.998 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX002200.D

Acq: 01 Jun 2018 04:41

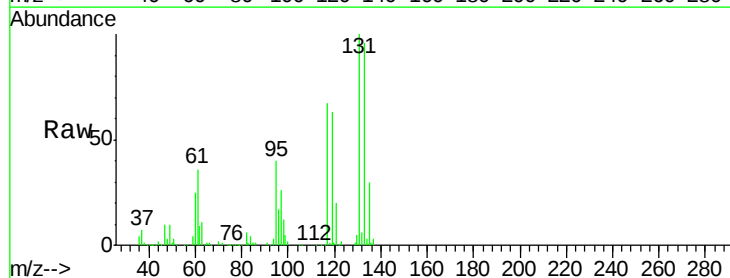
Tgt Ion:131 Resp: 53783

Ion Ratio Lower Upper

131 100

133 96.8 48.0 144.0

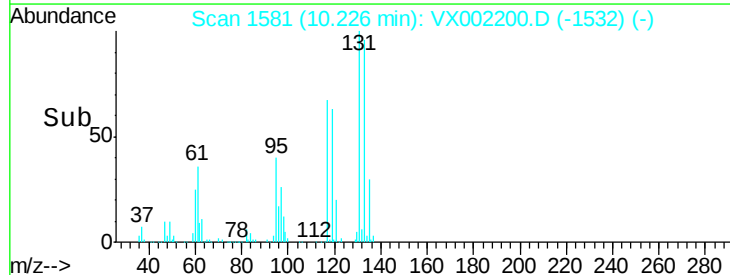
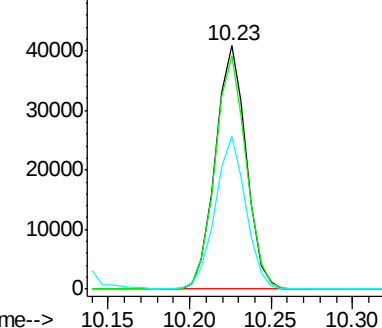
119 62.9 31.9 95.5

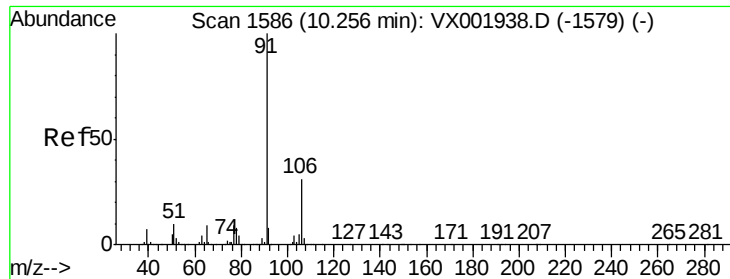


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 18.344 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX002200.D

Acq: 01 Jun 2018 04:41

Instrument :

MSVOA_X

ClientSampleId :

VX0531WBS04

Tot Ion: 91 Resp: 249732

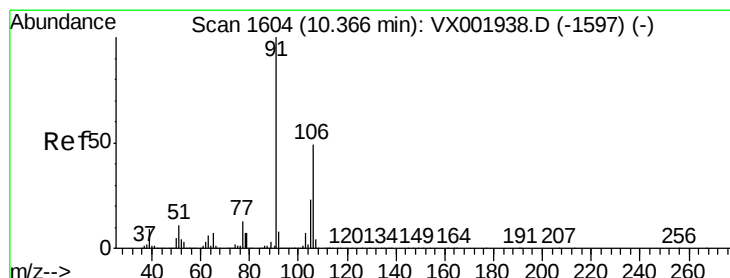
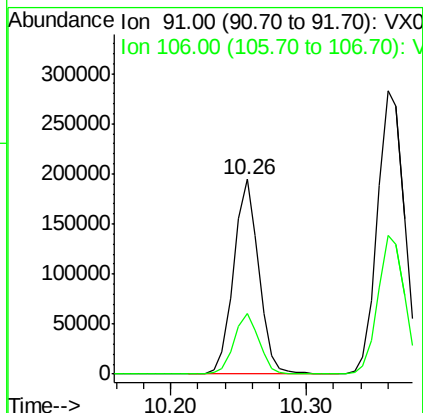
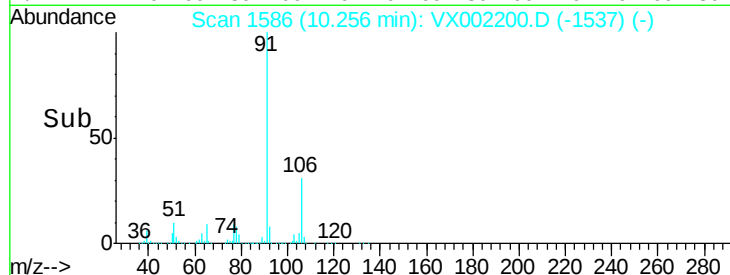
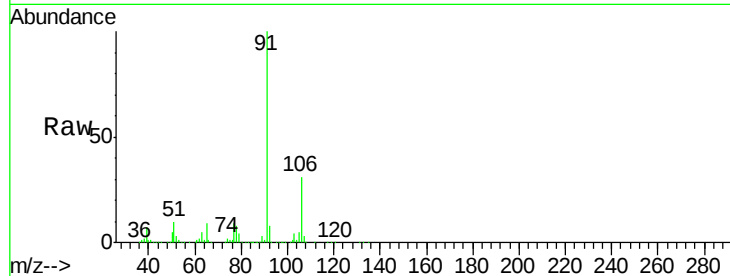
Ion Ratio Lower Upper

91 100

106 31.1 25.0 37.6

Manual Integrations
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#68

m/p-Xylenes

Concen: 36.606 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. -0.01 min

Lab File: VX002200.D

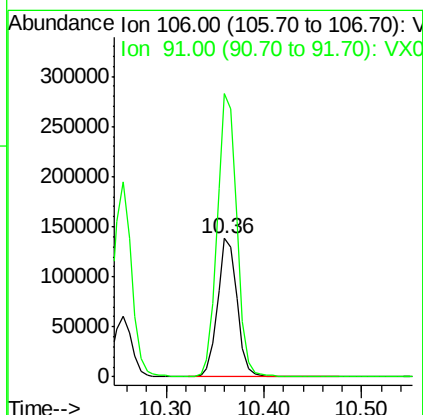
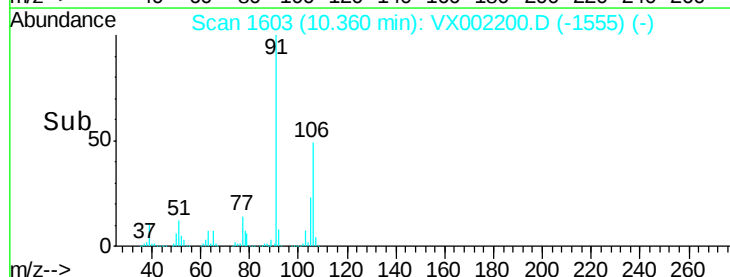
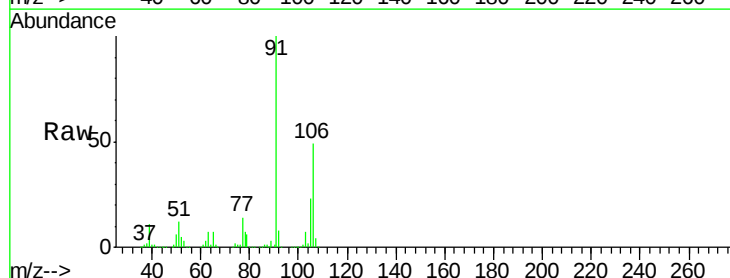
Acq: 01 Jun 2018 04:41

Tgt Ion: 106 Resp: 190505

Ion Ratio Lower Upper

106 100

91 206.4 165.0 247.6





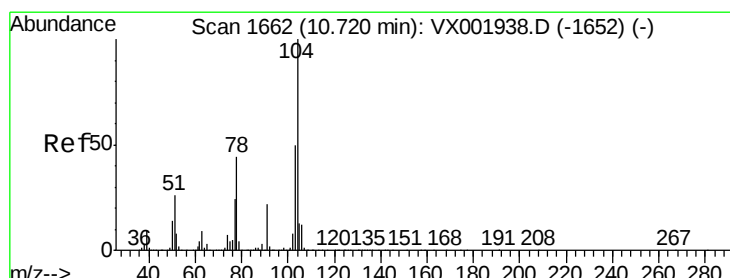
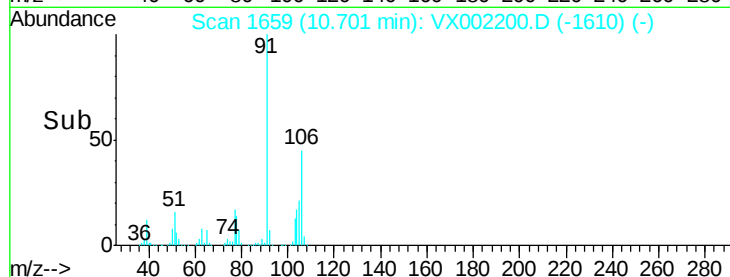
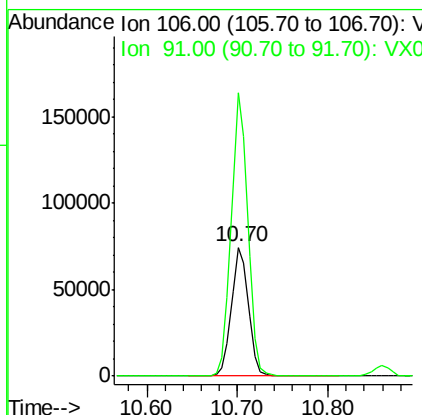
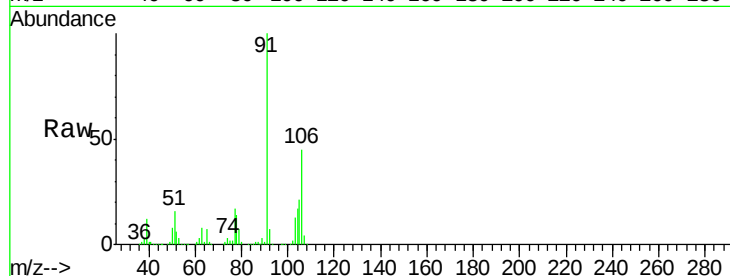
#69
o-Xylene
Concen: 18.641 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002200.D
Acq: 01 Jun 2018 04:41

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBS04

Tot Ion:106 Resp: 96865
Ion Ratio Lower Upper
106 100
91 216.1 108.7 325.9

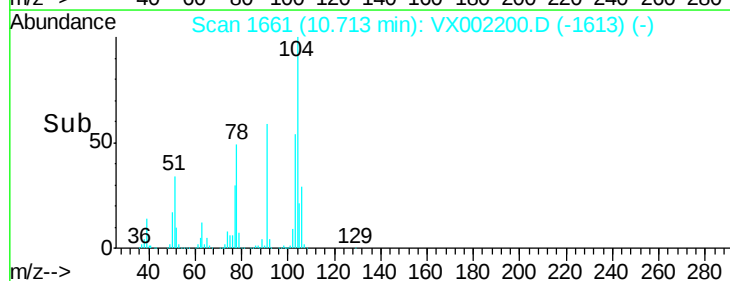
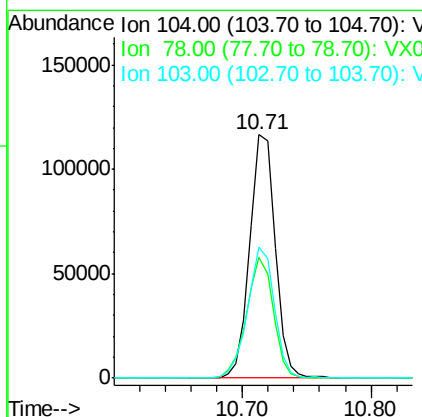
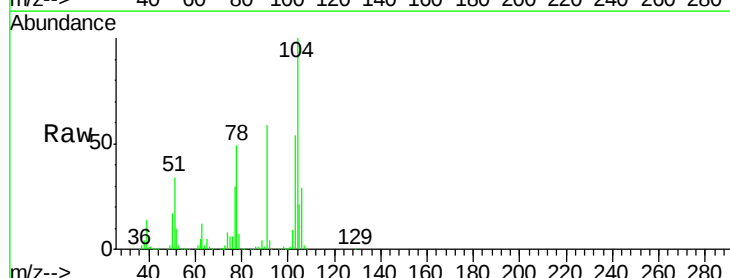
Manual Integrations
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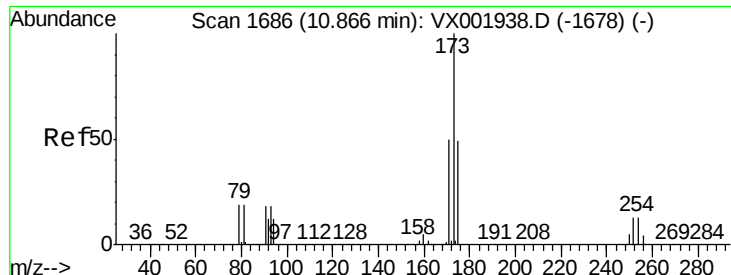
MMDadoda
6/1/2018 6:37:14 PM



#70
Styrene
Concen: 18.345 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.01 min
Lab File: VX002200.D
Acq: 01 Jun 2018 04:41

Tgt Ion:104 Resp: 158093
Ion Ratio Lower Upper
104 100
78 52.7 41.8 62.6
103 56.8 44.6 67.0





#71

Bromoform

Concen: 13.451 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.01 min

Lab File: VX002200.D

Acq: 01 Jun 2018 04:41

Instrument :

MSVOA_X

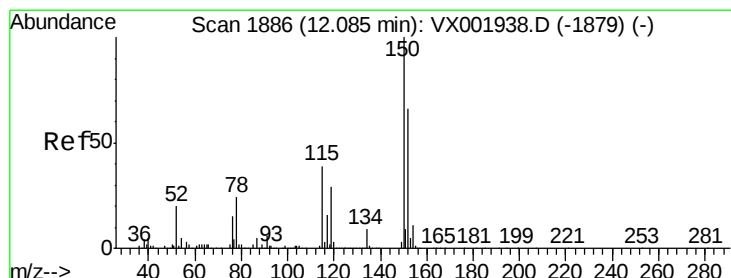
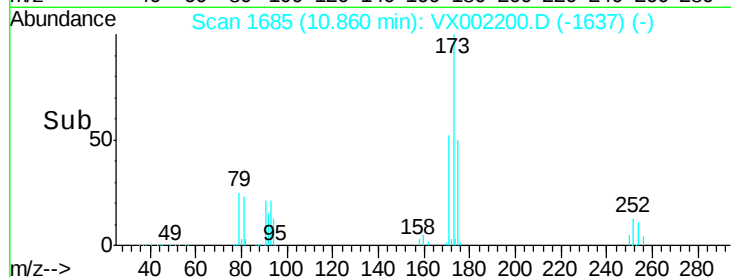
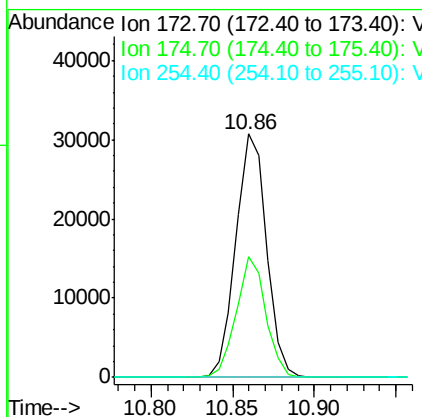
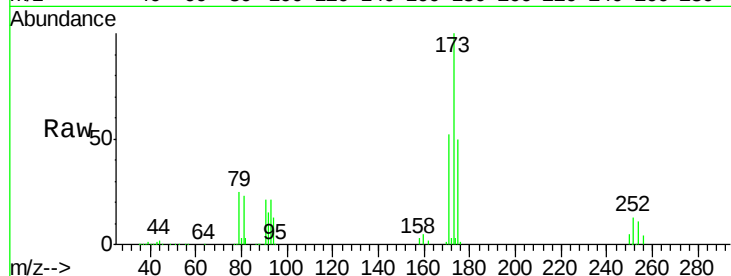
ClientSampleId :

VX0531WBS04

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.8	24.3	72.9
254	0.1	0.1	0.1

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

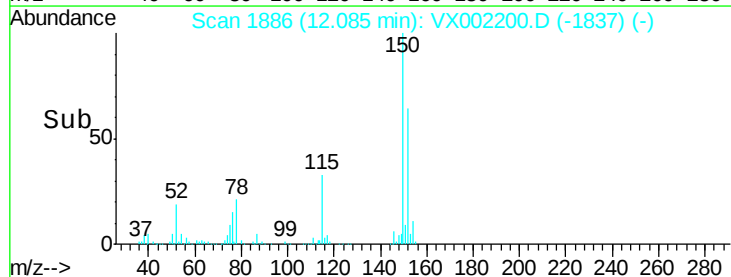
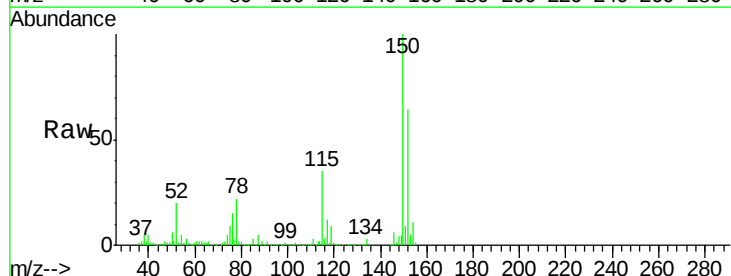
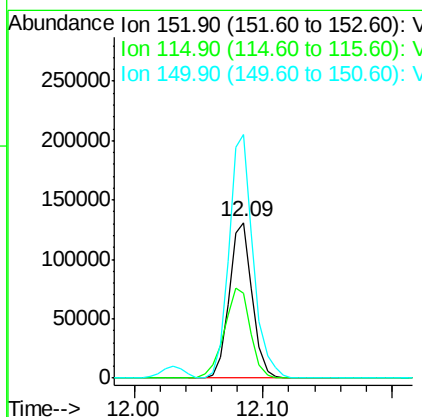
RT: 12.09 min Scan# 1886

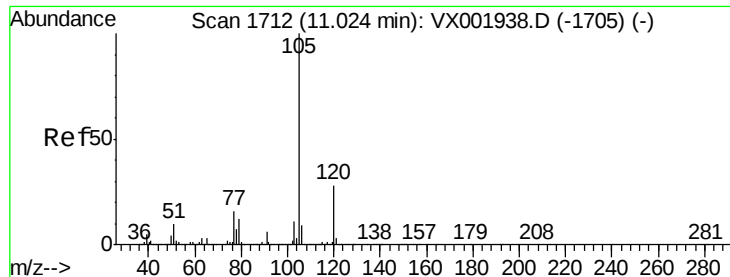
Delta R.T. -0.00 min

Lab File: VX002200.D

Acq: 01 Jun 2018 04:41

Tgt Ion	Ratio	Lower	Upper
152	100		
115	66.2	42.3	126.8
150	164.9	0.0	351.0





#73

Isopropylbenzene

Concen: 18.433 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002200.D

Acq: 01 Jun 2018 04:41

Instrument :

MSVOA_X

ClientSampleId :

VX0531WBS04

Tot Ion:105 Resp: 253960

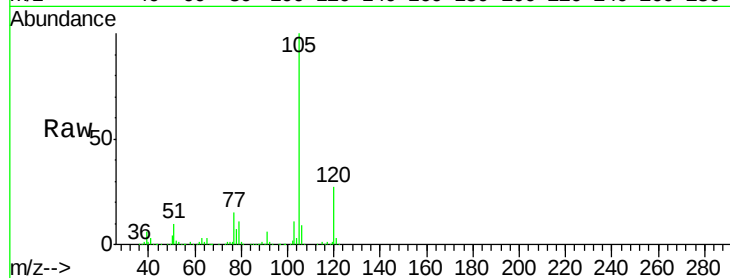
Ion Ratio Lower Upper

105 100

120 26.9 13.6 40.7

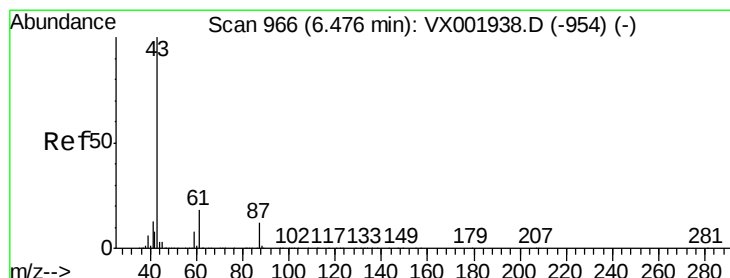
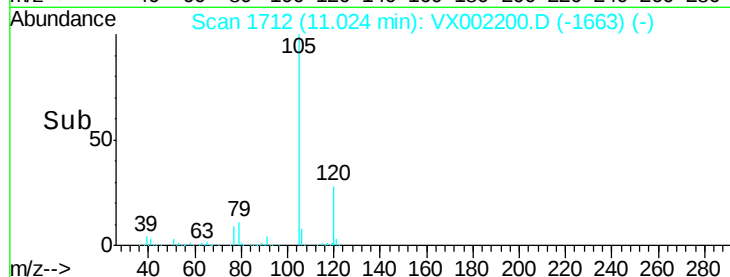
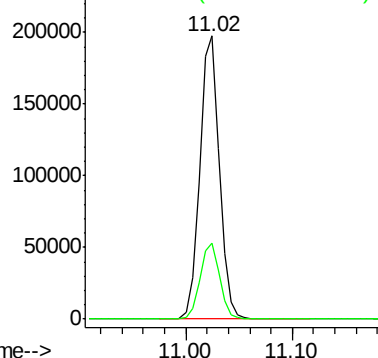
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.589 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.01 min

Lab File: VX002200.D

Acq: 01 Jun 2018 04:41

Tgt Ion: 43 Resp: 153723

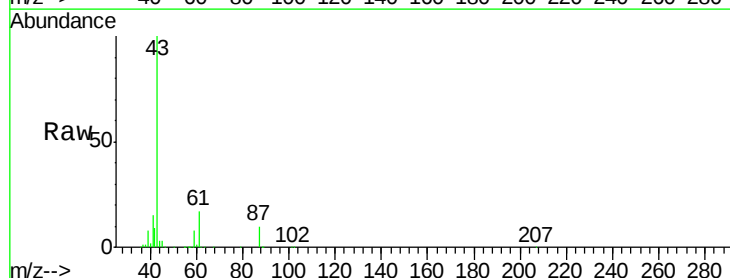
Ion Ratio Lower Upper

43 100

70 0.0 0.1 0.1#

55 0.0 0.1 0.1#

61 0.0 14.5 21.7#

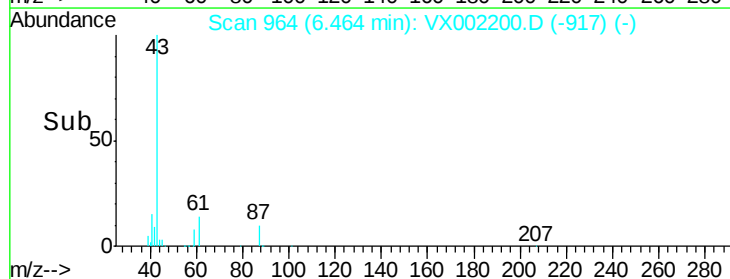
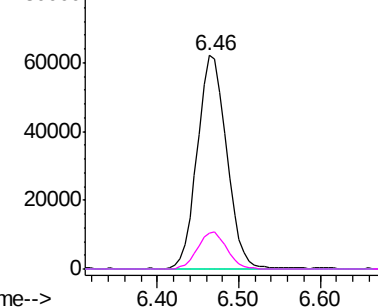


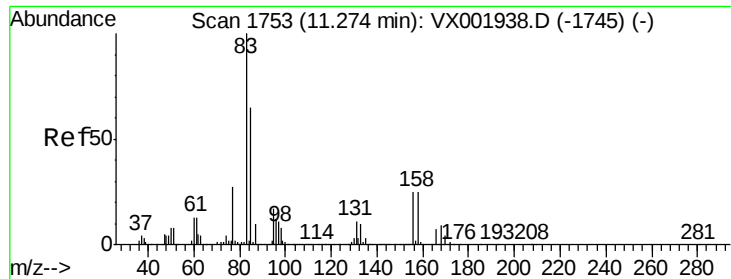
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.663 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX002200.D

Acq: 01 Jun 2018 04:41

Instrument :

MSVOA_X

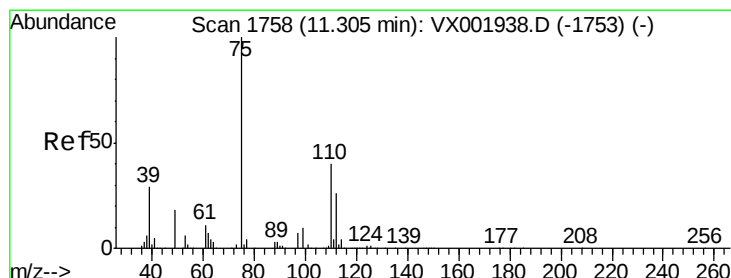
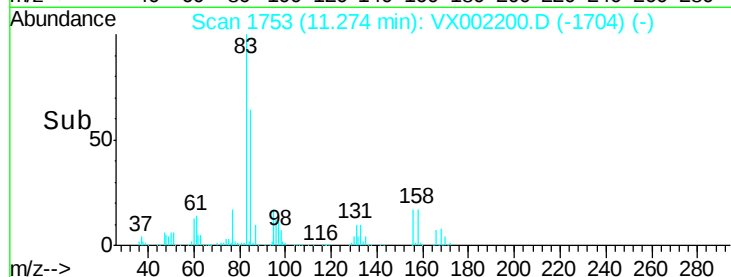
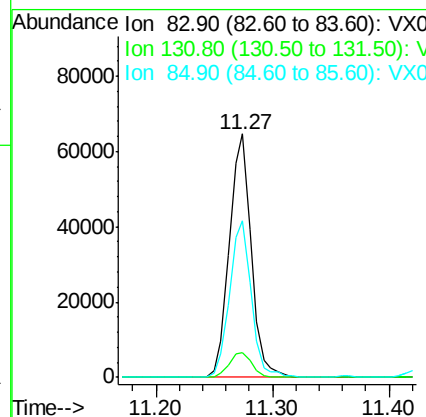
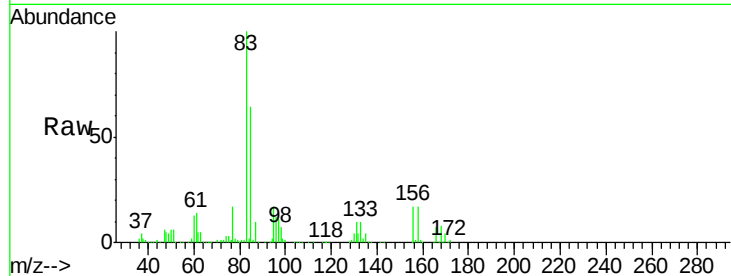
ClientSampleId :

VX0531WBS04

Tot Ion:	83	Resp:	84334
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.7	17.0
85	63.7	32.6	97.7

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 19.705 ug/l m

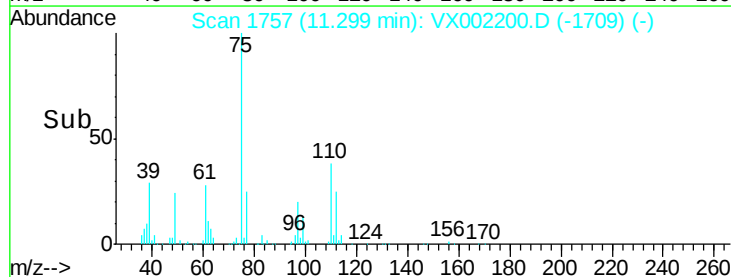
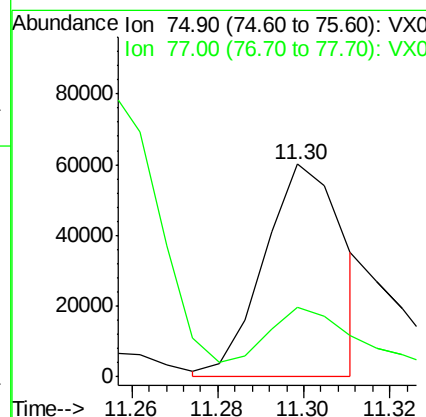
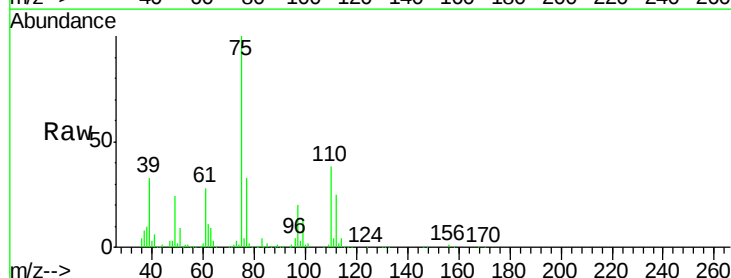
RT: 11.30 min Scan# 1757

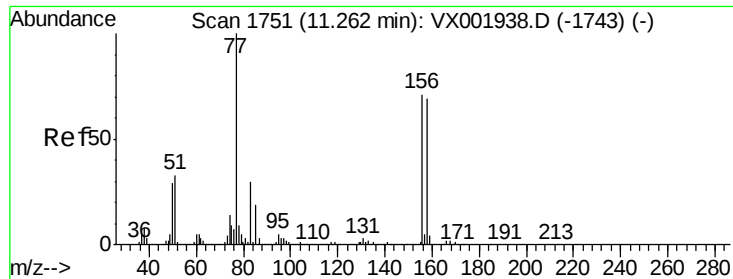
Delta R.T. -0.01 min

Lab File: VX002200.D

Acq: 01 Jun 2018 04:41

Tgt Ion:	75	Resp:	77007
Ion Ratio	Lower	Upper	
75	100		
77	41.5	22.8	68.3





#77

Bromobenzene

Concen: 19.383 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX002200.D

Acq: 01 Jun 2018 04:41

Instrument :

MSVOA_X

ClientSampleId :

VX0531WBS04

Tot Ion:156 Resp: 70852

Ion Ratio Lower Upper

156 100

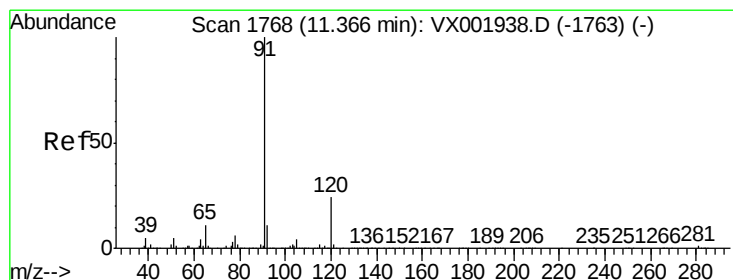
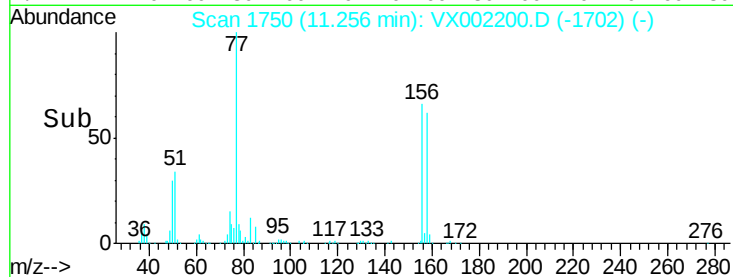
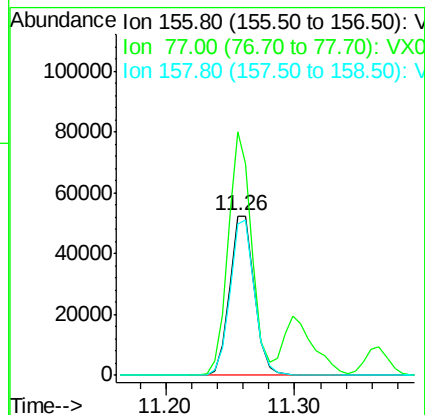
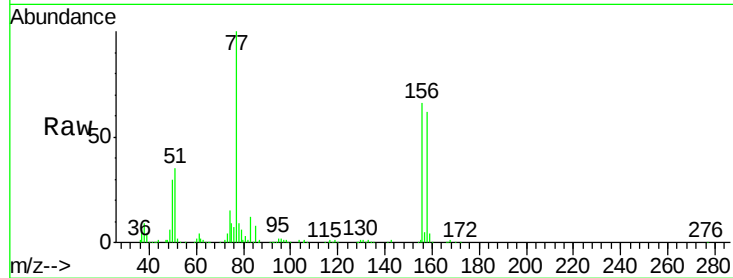
77 144.8 75.2 225.6

158 96.5 48.6 145.8

Manual Integrations
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#78

n-propylbenzene

Concen: 18.472 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002200.D

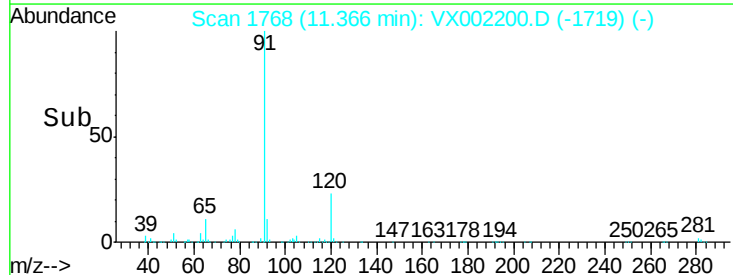
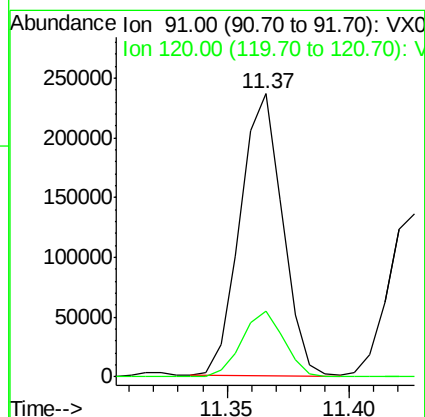
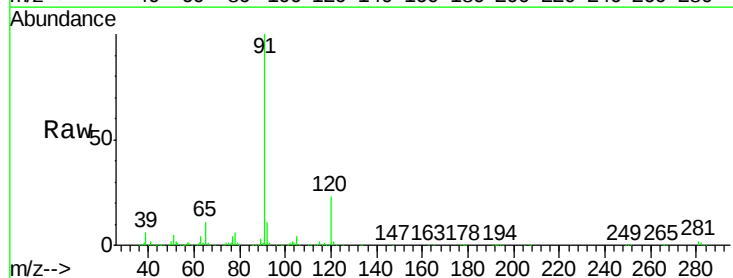
Acq: 01 Jun 2018 04:41

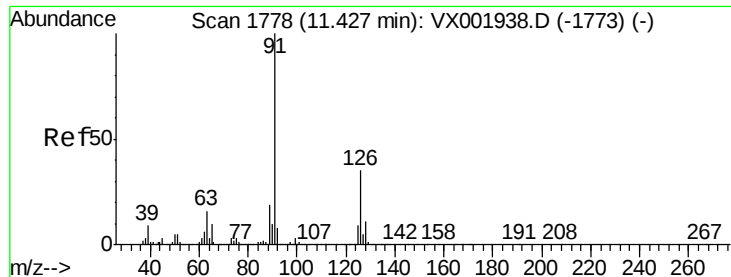
Tgt Ion: 91 Resp: 285034

Ion Ratio Lower Upper

91 100

120 23.5 11.9 35.7





#79

2-Chlorotoluene

Concen: 19.079 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX002200.D

Acq: 01 Jun 2018 04:41

Instrument :

MSVOA_X

ClientSampleId :

VX0531WBS04

Tot Ion: 91 Resp: 173574

Ion Ratio Lower Upper

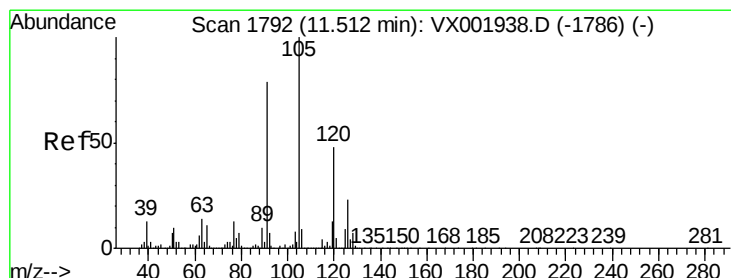
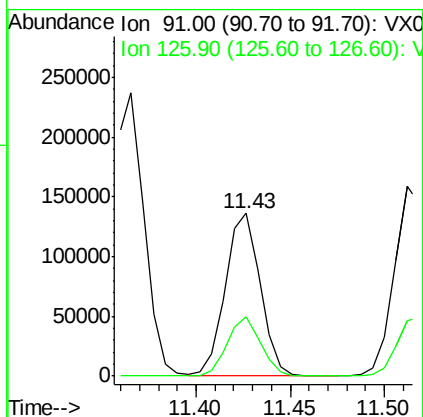
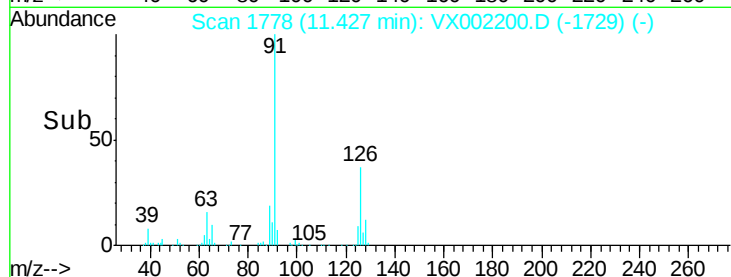
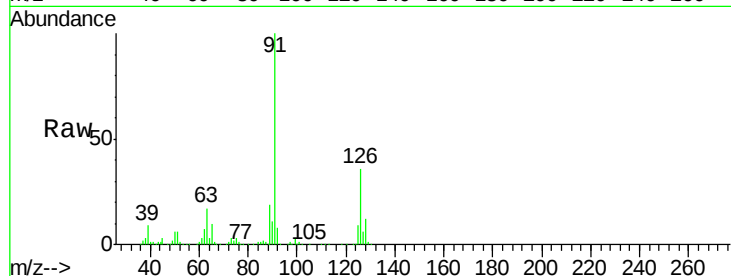
91 100

126 35.5 17.4 52.2

Manual Integrations
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#80

1,3,5-Trimethylbenzene

Concen: 18.387 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002200.D

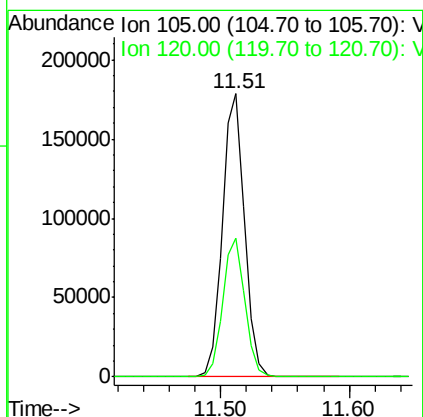
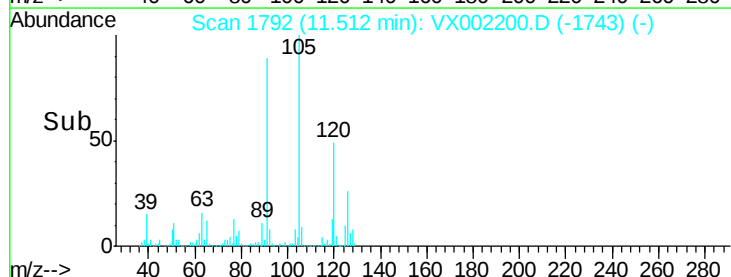
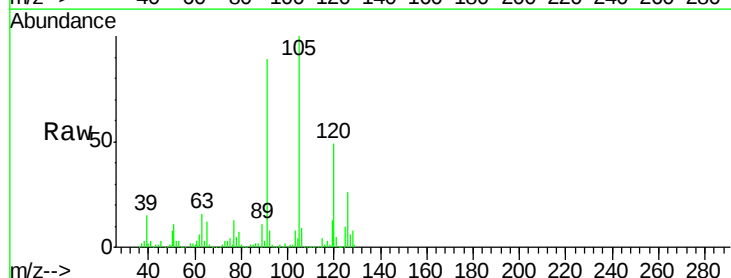
Acq: 01 Jun 2018 04:41

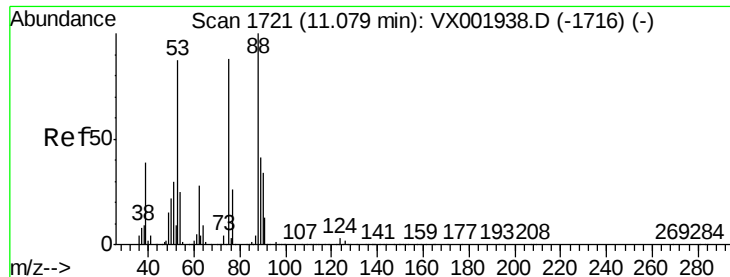
Tgt Ion: 105 Resp: 216493

Ion Ratio Lower Upper

105 100

120 48.8 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 11.932 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX002200.D

Acq: 01 Jun 2018 04:41

Instrument :

MSVOA_X

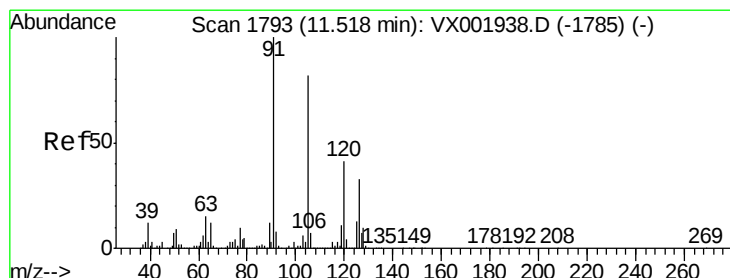
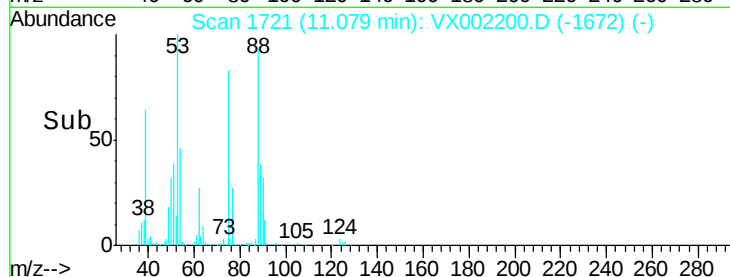
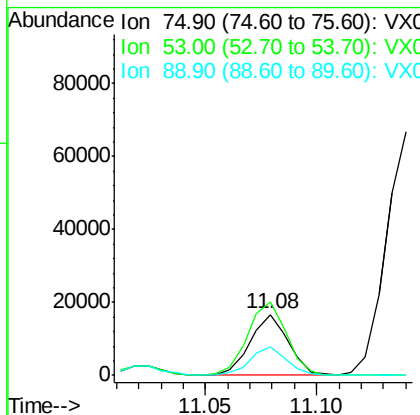
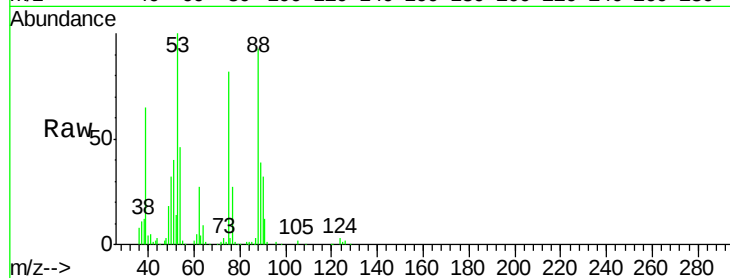
ClientSampleId :

VX0531WBS04

Tot Ion:	75	Resp:	19401
Ion Ratio	Lower	Upper	
75	100		
53	128.5	78.0	117.0#
89	46.6	39.4	59.2

Manual Integrations
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#82

4-Chlorotoluene

Concen: 18.522 ug/l

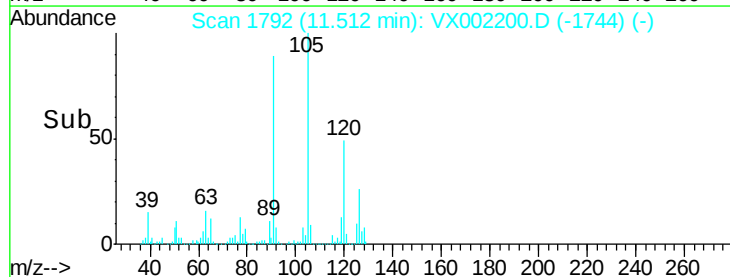
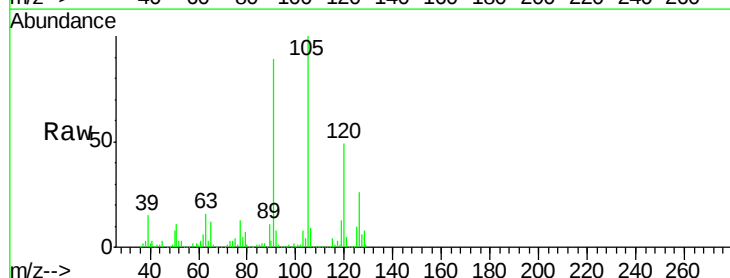
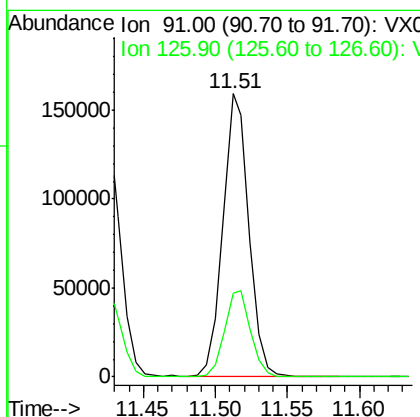
RT: 11.51 min Scan# 1792

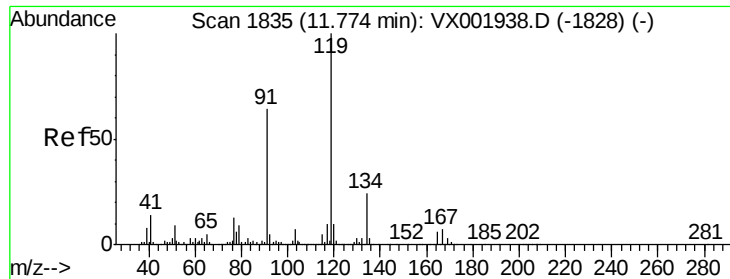
Delta R.T. -0.01 min

Lab File: VX002200.D

Acq: 01 Jun 2018 04:41

Tgt Ion:	91	Resp:	201585
Ion Ratio	Lower	Upper	
91	100		
126	30.7	15.3	45.8





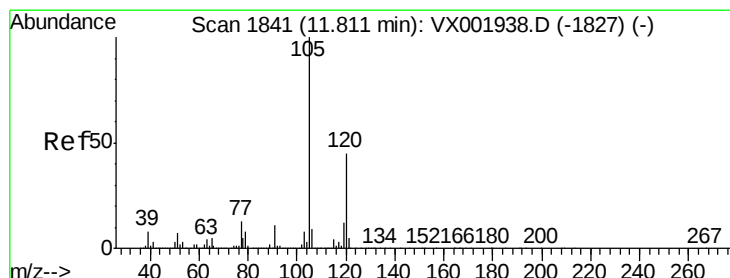
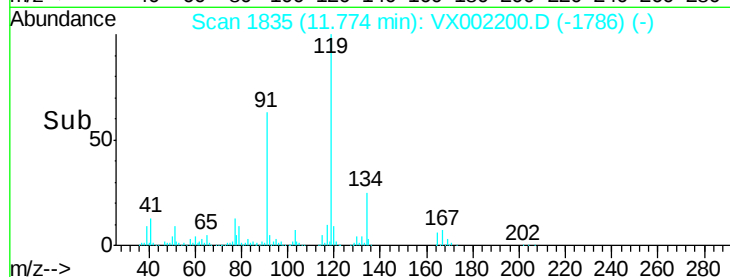
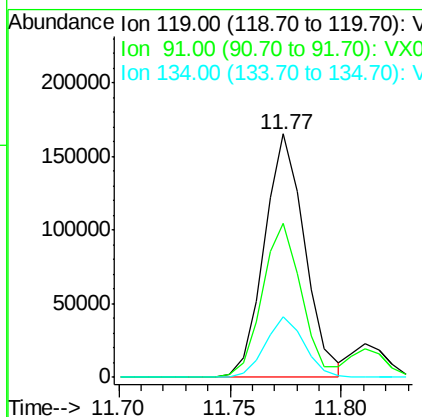
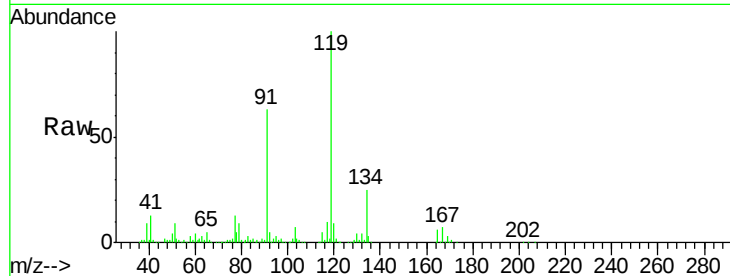
#83
tert-Butylbenzene
Concen: 18.029 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX002200.D
Acq: 01 Jun 2018 04:41

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBS04

Tot Ion	Ratio	Resp	Lower	Upper
119	100	208315		
91	62.1	30.6	91.8	
134	24.2	11.7	35.0	

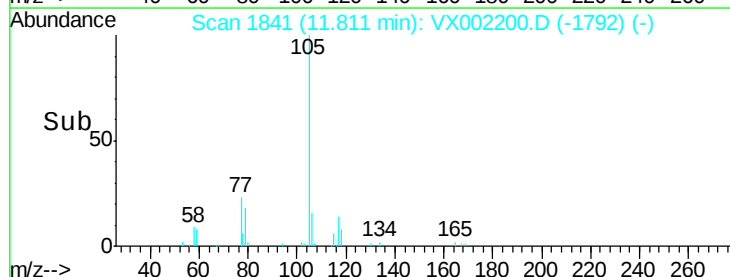
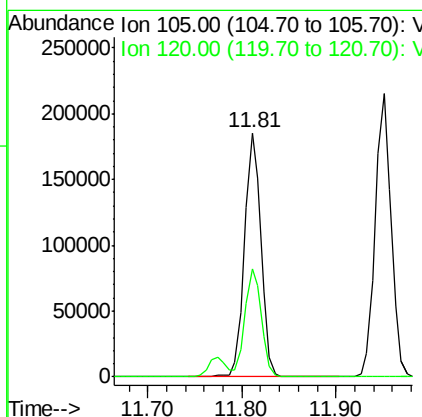
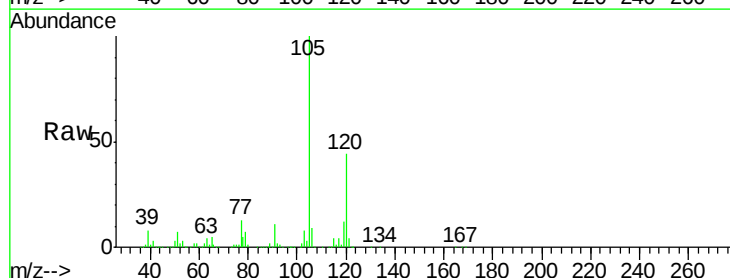
Manual Integrations
APPROVED

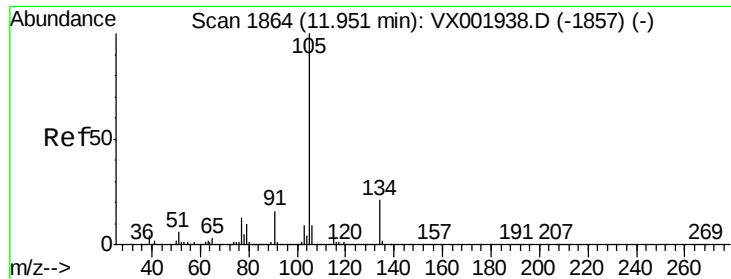
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#84
1,2,4-Trimethylbenzene
Concen: 18.526 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX002200.D
Acq: 01 Jun 2018 04:41

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	225415		
120	43.8	22.1	66.5	





#85

sec-Butylbenzene

Concen: 18.213 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002200.D

Acq: 01 Jun 2018 04:41

Instrument :

MSVOA_X

ClientSampled :

VX0531WBS04

Tot Ion:105 Resp: 252957

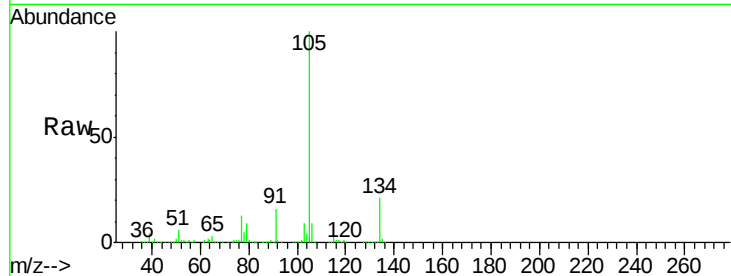
Ion Ratio Lower Upper

105 100

134 20.6 10.4 31.4

Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

250000

200000

150000

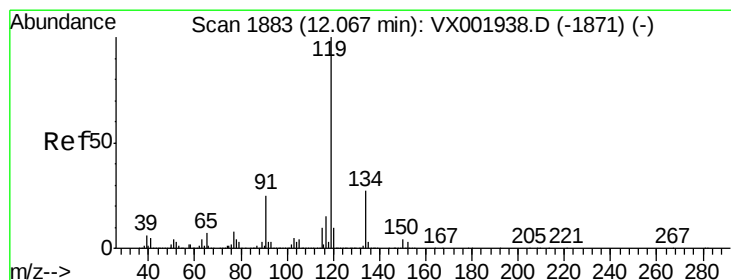
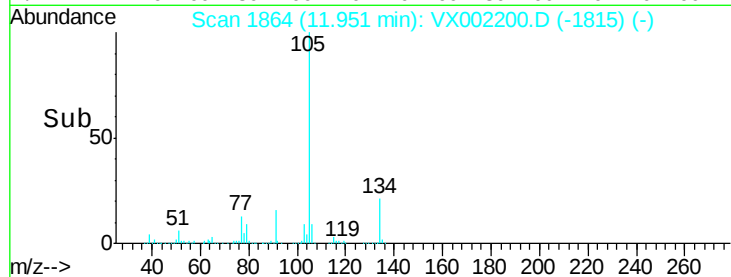
100000

50000

0

11.90 11.95 12.00

Time-->



#86

p-Isopropyltoluene

Concen: 18.335 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002200.D

Acq: 01 Jun 2018 04:41

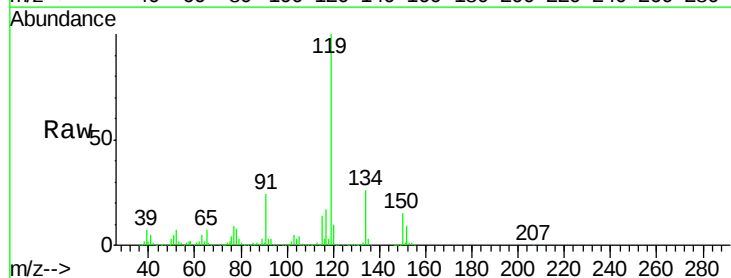
Tgt Ion:119 Resp: 227881

Ion Ratio Lower Upper

119 100

134 26.8 13.6 40.8

91 24.5 12.2 36.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

250000

200000

150000

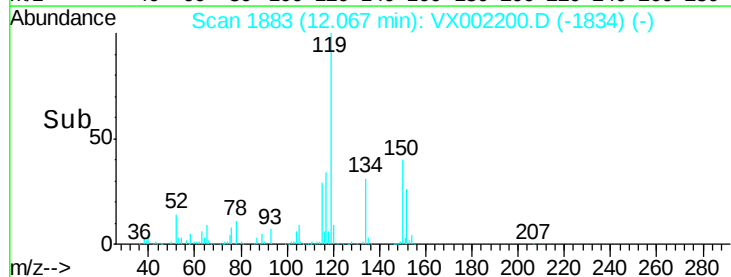
100000

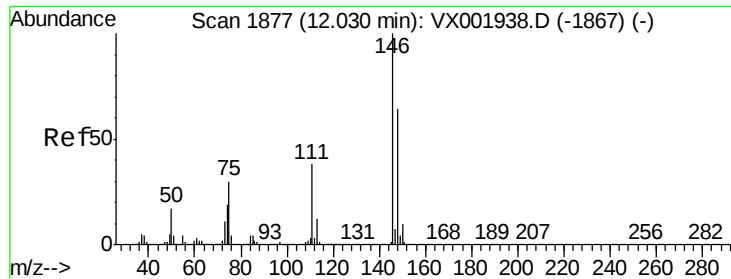
50000

0

12.00 12.05 12.10

Time-->





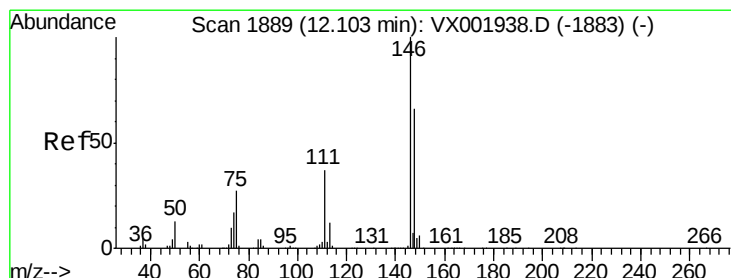
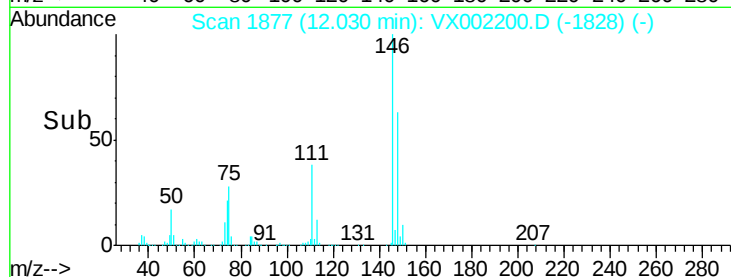
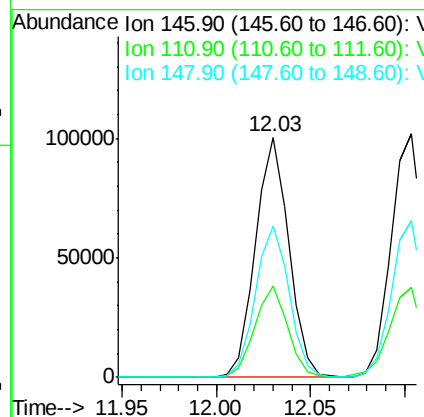
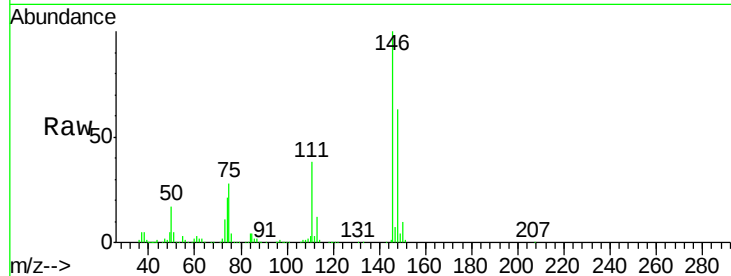
#87
 1,3-Dichlorobenzene
 Concen: 18.871 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX002200.D
 Acq: 01 Jun 2018 04:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0531WBS04

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.5	19.3	57.8
148	63.8	32.1	96.3

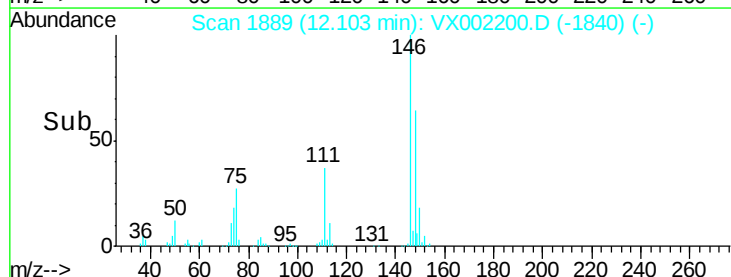
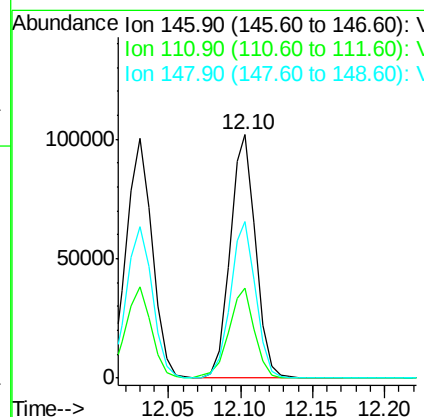
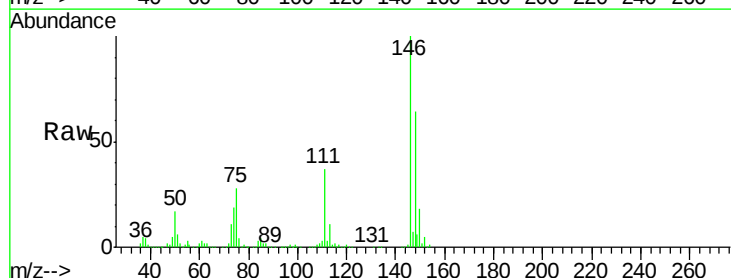
Manual Integrations
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#88
 1,4-Dichlorobenzene
 Concen: 19.401 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX002200.D
 Acq: 01 Jun 2018 04:41

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.9	56.5
148	63.8	32.3	96.8





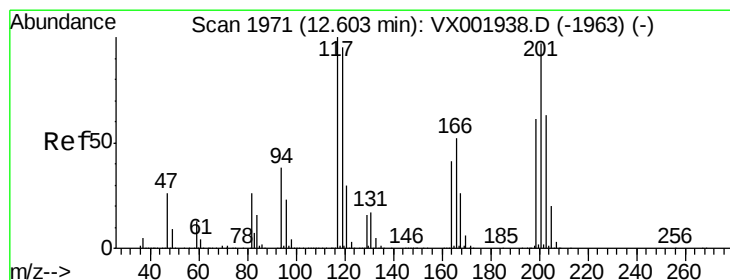
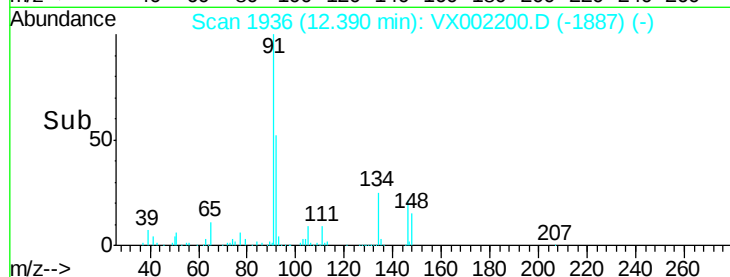
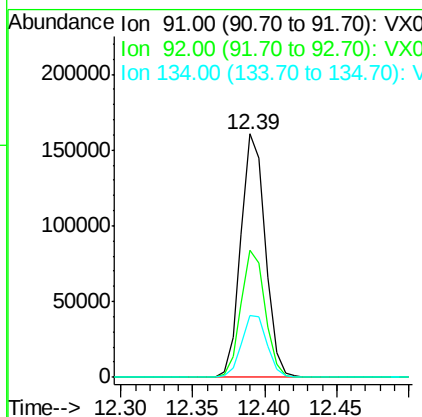
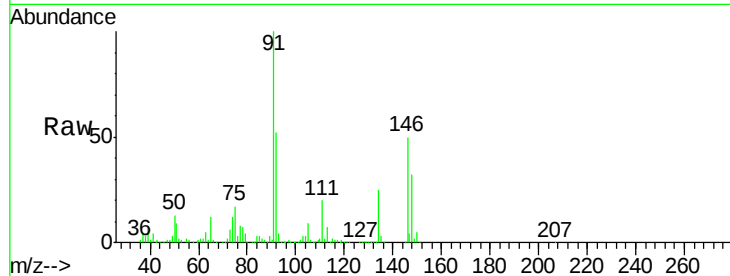
#89
n-Butylbenzene
Concen: 17.985 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX002200.D
Acq: 01 Jun 2018 04:41

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBS04

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.7	26.3	78.9
134	26.3	13.6	40.7

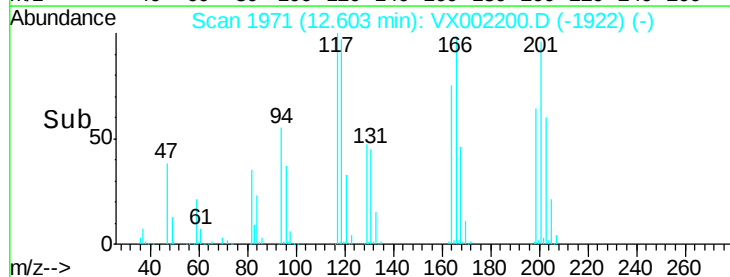
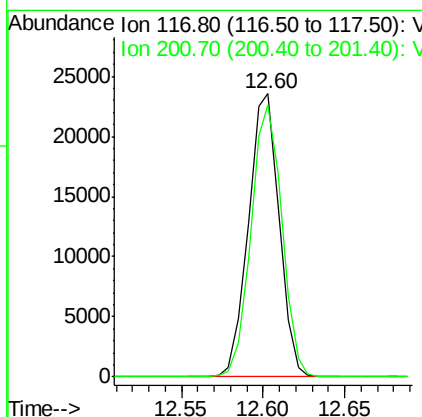
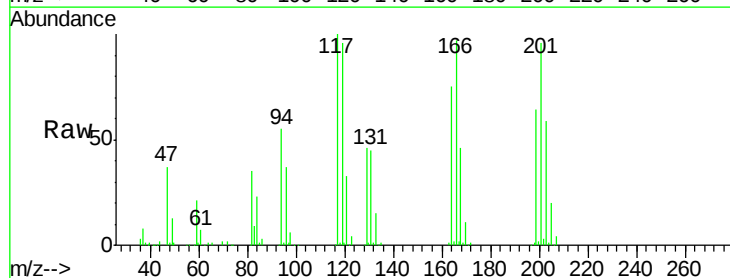
Manual Integrations
APPROVED

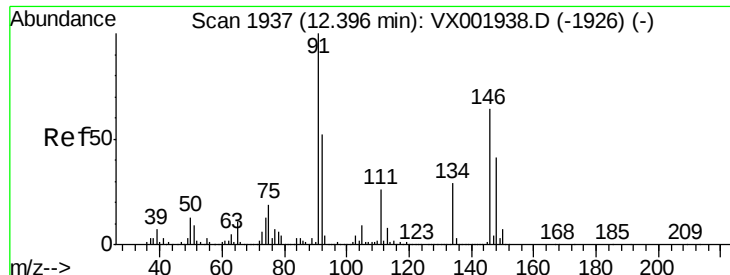
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#90
Hexachloroethane
Concen: 12.651 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX002200.D
Acq: 01 Jun 2018 04:41

Tgt Ion	Ratio	Lower	Upper
117	100		
201	96.0	48.0	144.0





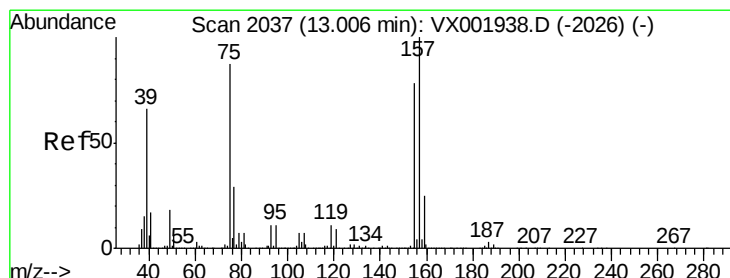
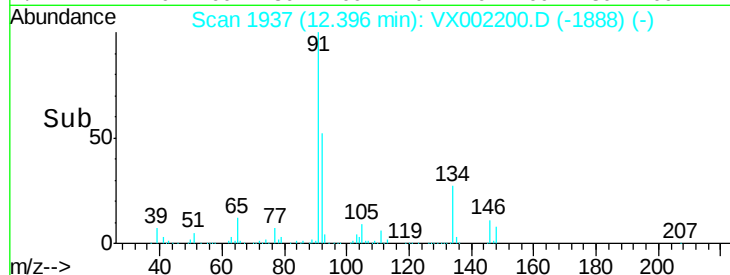
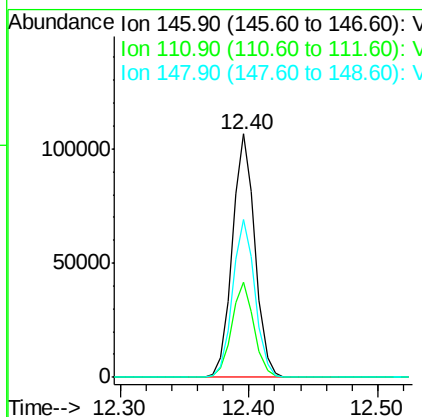
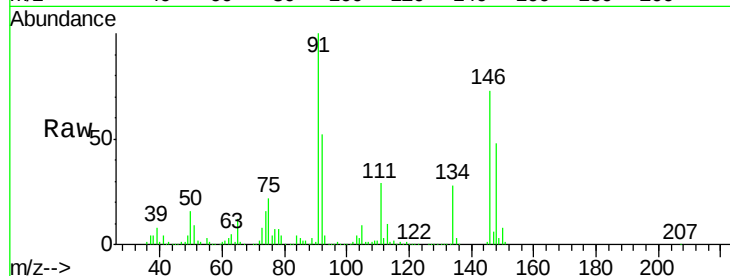
#91
 1,2-Dichlorobenzene
 Concen: 19.601 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX002200.D
 Acq: 01 Jun 2018 04:41

Instrument :
 MSVOA_X
 ClientSampled :
 VX0531WBS04

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.8	59.3
148	64.0	32.1	96.5

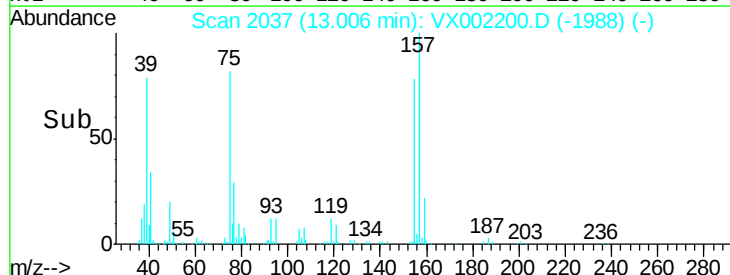
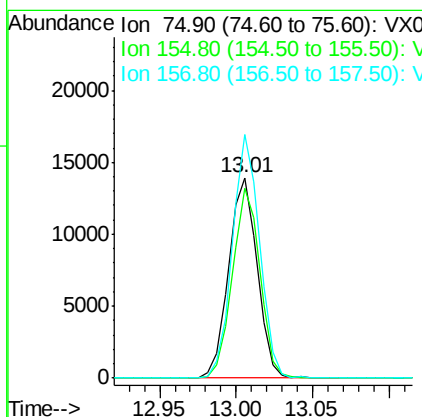
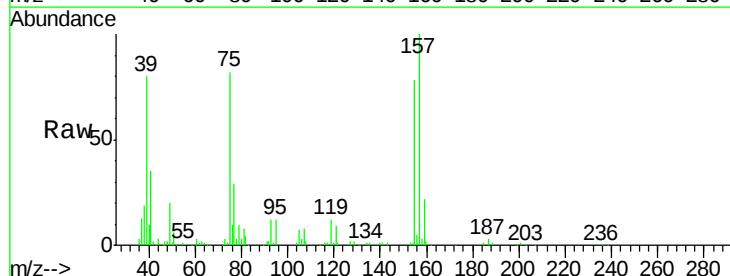
Manual Integrations
 APPROVED

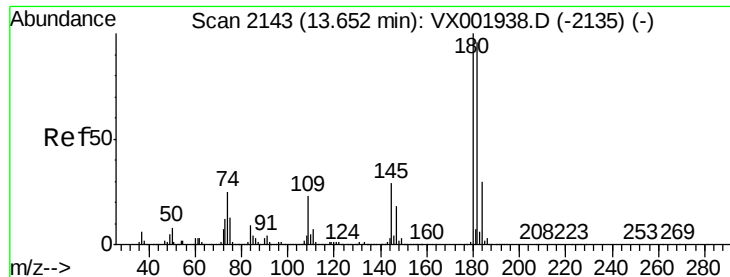
MMDadoda
 6/1/2018 6:37:14 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 14.603 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX002200.D
 Acq: 01 Jun 2018 04:41

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.5	45.1	135.2
157	116.0	58.1	174.2





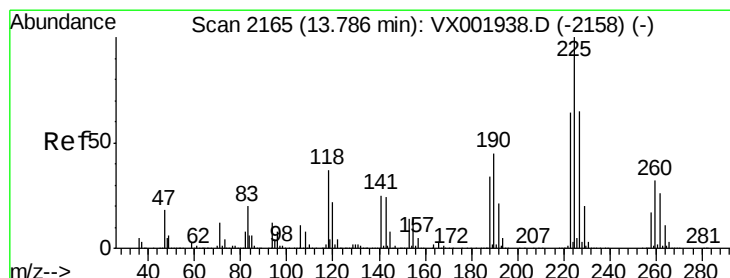
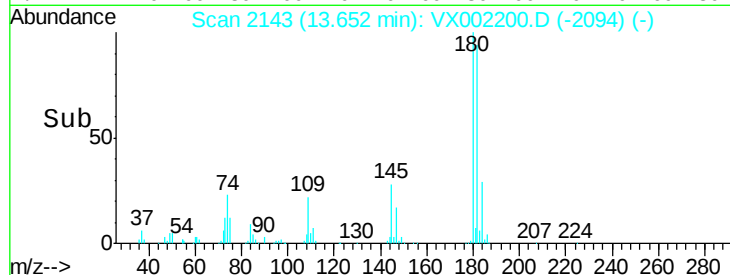
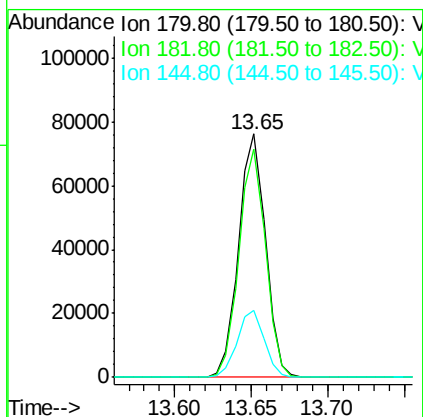
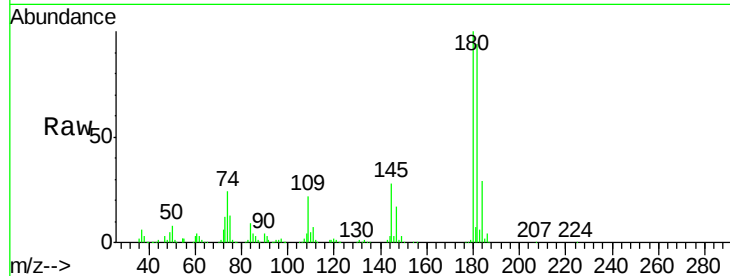
#93
 1,2,4-Trichlorobenzene
 Concen: 19.459 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002200.D
 Acq: 01 Jun 2018 04:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0531WBS04

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.7	47.7	143.1
145	27.9	14.4	43.0

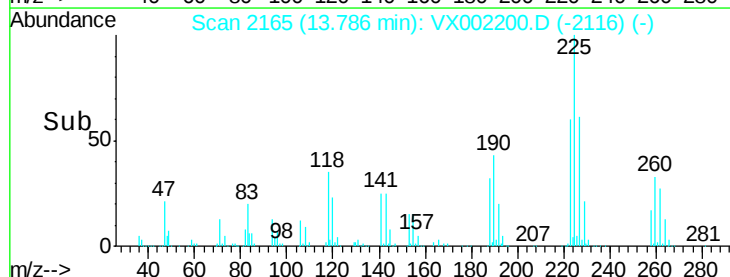
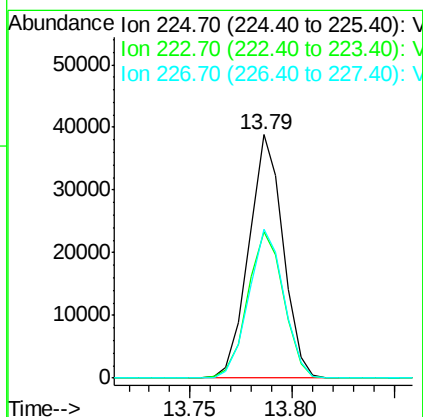
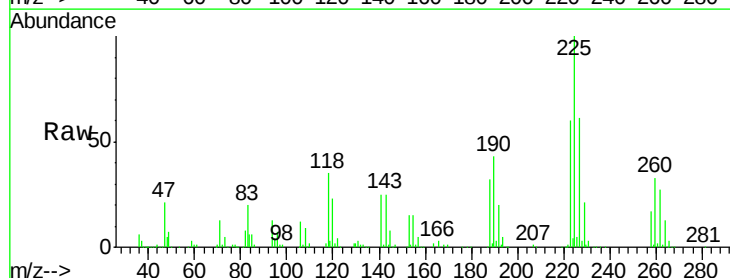
Manual Integrations
 APPROVED

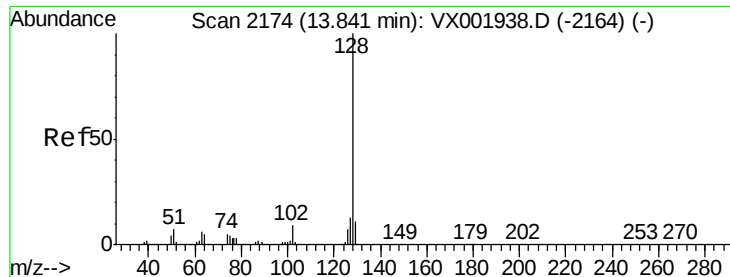
MMDadoda
 6/1/2018 6:37:14 PM



#94
 Hexachlorobutadiene
 Concen: 17.666 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002200.D
 Acq: 01 Jun 2018 04:41

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	31.1	93.5
227	62.5	32.1	96.5





#95

Naphthalene

Concen: 19.875 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002200.D

Acq: 01 Jun 2018 04:41

Instrument :

MSVOA_X

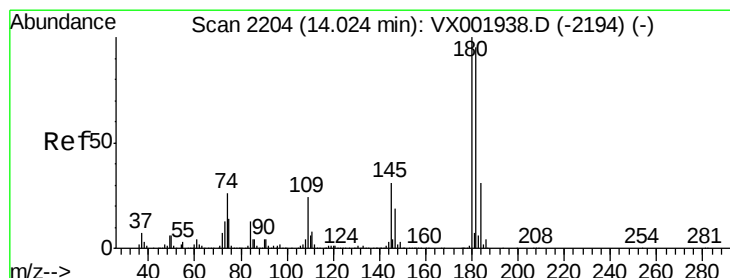
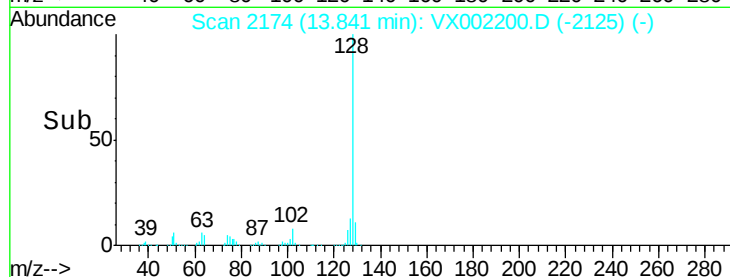
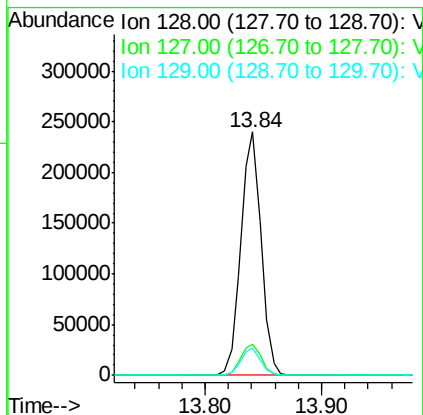
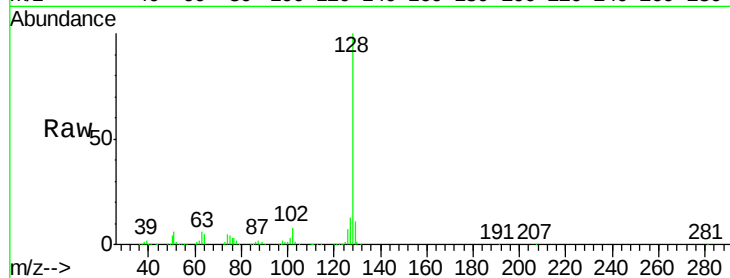
ClientSampleId :

VX0531WBS04

Tot Ion:	128	Resp:	292052
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.4	15.6
129	11.0	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
6/1/2018 6:37:14 PM



#96

1,2,3-Trichlorobenzene

Concen: 19.925 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX002200.D

Acq: 01 Jun 2018 04:41

Tgt Ion:	180	Resp:	98333
Ion Ratio	Lower	Upper	
180	100		
182	94.9	47.9	143.6
145	28.8	15.1	45.3

