

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX053118\
 Data File : VX002201.D
 Acq On : 01 Jun 2018 05:08
 Operator : JC/MD
 Sample : VX0531WBSD04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0531WBSD04

Manual Integrations
 APPROVED

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 6/1/2018 6:37:14 PM

Quant Time: Jun 01 06:05:26 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	124242	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	180218	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	164856	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	98430	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	112117	50.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.96%	
35) Dibromofluoromethane	5.51	113	79724	44.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.48%	
50) Toluene-d8	8.72	98	270025	41.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.78%	
62) 4-Bromofluorobenzene	11.14	95	100019	39.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	26418	15.591	ug/l	99
3) Chloromethane	1.32	50	37426	19.578	ug/l	97
4) Vinyl Chloride	1.41	62	37988	20.581	ug/l	96
5) Bromomethane	1.64	94	25494	29.615	ug/l	95
6) Chloroethane	1.73	64	25515	23.450	ug/l	99
7) Trichlorofluoromethane	1.93	101	61644	22.239	ug/l	99
8) Diethyl Ether	2.19	74	28153	27.993	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	34832	22.520	ug/l	96
10) Methyl Iodide	2.51	142	40775	19.483	ug/l	97
11) Tert butyl alcohol	3.07	59	91687	210.324	ug/l	97
12) 1,1-Dichloroethene	2.38	96	31716	21.901	ug/l	99
13) Acrolein	2.29	56	20863	110.690	ug/l	99
14) Allyl chloride	2.73	41	73239	24.093	ug/l	98
15) Acrylonitrile	3.15	53	159207	177.599	ug/l	100
16) Acetone	2.45	43	157441	183.693	ug/l	99
17) Carbon Disulfide	2.57	76	67729	16.251	ug/l	96
18) Methyl Acetate	2.78	43	81051	39.005	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	153849	28.247	ug/l	98
20) Methylene Chloride	2.86	84	42398	27.831	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	34328	23.512	ug/l	97
22) Diisopropyl ether	3.88	45	138835	22.454	ug/l	100
23) Vinyl Acetate	3.83	43	627756	122.453	ug/l	99
24) 1,1-Dichloroethane	3.70	63	73642	25.073	ug/l	98
25) 2-Butanone	4.71	43	220487	140.359	ug/l	99
26) 2,2-Dichloropropane	4.59	77	36940	12.426	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	38429	20.350	ug/l	87
28) Bromochloromethane	5.03	49	37372	29.440	ug/l	98
29) Tetrahydrofuran	5.17	42	142293	139.224	ug/l	99
30) Chloroform	5.23	83	68517	20.706	ug/l	100
31) Cyclohexane	5.58	56	53505	17.485	ug/l	97
32) 1,1,1-Trichloroethane	5.51	97	53869	17.462	ug/l	98
36) 1,1-Dichloropropene	5.81	75	42830	17.086	ug/l	97
37) Ethyl Acetate	4.87	43	81179	24.840	ug/l	99
38) Carbon Tetrachloride	5.79	117	45221	15.470	ug/l	97

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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	51840	16.833	ug/l	95
40) Benzene	6.15	78	142792	19.443	ug/l	99
41) Methacrylonitrile	5.07	41	45312	25.610	ug/l	98
42) 1,2-Dichloroethane	6.20	62	63322	21.586	ug/l	99
43) Isopropyl Acetate	6.47	43	121298	22.276	ug/l	100
44) Trichloroethene	7.22	130	38820	18.139	ug/l	97
45) 1,2-Dichloropropane	7.52	63	39513	19.812	ug/l	97
46) Dibromomethane	7.67	93	28774	21.791	ug/l	98
47) Bromodichloromethane	7.90	83	46977	16.685	ug/l	99
48) Methyl methacrylate	7.78	41	62370	22.504	ug/l	98
49) 1,4-Dioxane	7.76	88	29402	602.030	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	431492	131.451	ug/l	98
52) Toluene	8.79	92	86640	18.538	ug/l	97
53) t-1,3-Dichloropropene	8.44	75	54043	16.666	ug/l	95
54) cis-1,3-Dichloropropene	9.05	75	49738	15.741	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	42030	21.527	ug/l	98
56) Ethyl methacrylate	9.18	69	68418	20.373	ug/l	98
57) 1,3-Dichloropropane	9.38	76	70565	21.939	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	40069	26.919	ug/l	100
59) 2-Hexanone	9.50	43	332417	131.335	ug/l	99
60) Dibromochloromethane	9.59	129	36638	15.843	ug/l	98
61) 1,2-Dibromoethane	9.68	107	43655	21.308	ug/l	99
64) Tetrachloroethene	9.34	164	42443	17.956	ug/l	99
65) Chlorobenzene	10.14	112	100296	19.203	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	36700	17.401	ug/l	100
67) Ethyl Benzene	10.26	91	164897	18.171	ug/l	100
68) m/p-Xylenes	10.36	106	123841	35.700	ug/l	99
69) o-Xylene	10.70	106	64386	18.589	ug/l	99
70) Styrene	10.71	104	102820	17.900	ug/l	99
71) Bromoform	10.86	173	27836	13.919	ug/l #	97
73) Isopropylbenzene	11.02	105	166438	19.968	ug/l	99
74) N-amyl acetate	6.47	43	121298	26.575	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	62647	26.896	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	50836m	21.502	ug/l	
77) Bromobenzene	11.26	156	46843	21.182	ug/l	96
78) n-propylbenzene	11.37	91	176294	18.885	ug/l	99
79) 2-Chlorotoluene	11.43	91	111692	20.448	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	138096	19.387	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	14458	14.698	ug/l #	78
82) 4-Chlorotoluene	11.51	91	125261	19.024	ug/l	99
83) tert-Butylbenzene	11.77	119	134647	19.263	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	141926	19.281	ug/l	98
85) sec-Butylbenzene	11.95	105	159831	19.022	ug/l	99
86) p-Isopropyltoluene	12.07	119	138780	18.457	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	76516	19.320	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	77896	19.673	ug/l	99
89) n-Butylbenzene	12.39	91	107812	16.922	ug/l	99
90) Hexachloroethane	12.60	117	19308	13.019	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	83750	20.755	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	15028	20.279	ug/l	97

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	51871	17.977	ug/l	99
94) Hexachlorobutadiene	13.79	225	26157	16.852	ug/l	97
95) Naphthalene	13.84	128	202558	22.785	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	58221	19.500	ug/l	100

(#) = 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: VX002201.D

Acq: 01 Jun 2018 05:08

Instrument :

MSVOA_X

ClientSampleId :

VX0531WBSD04

Tot Ion:168 Resp: 124242

Ion Ratio Lower Upper

168 100

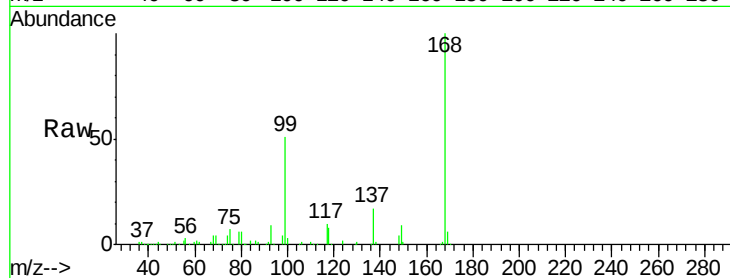
99 50.7 41.0 61.4

Manual Integrations

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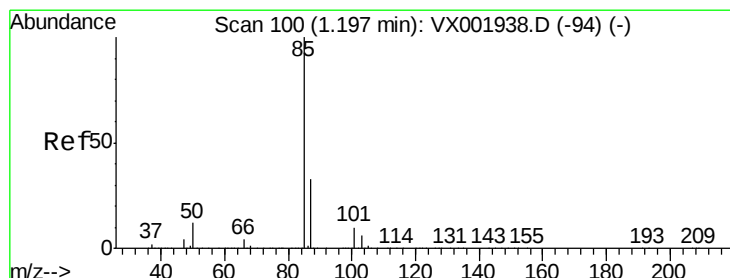
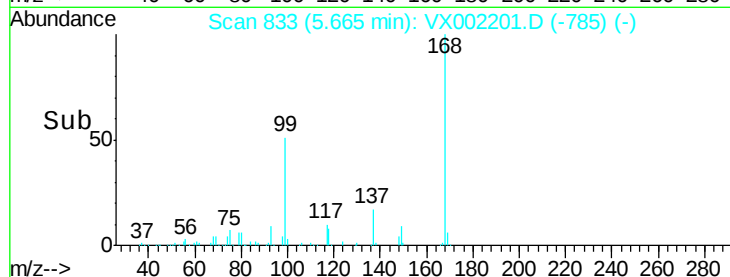
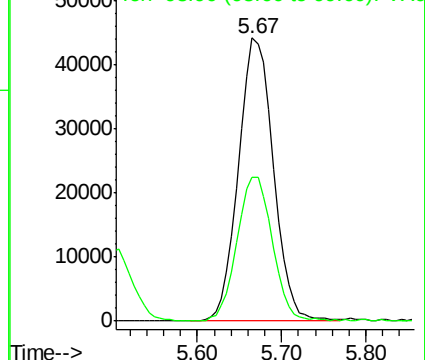
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 15.591 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002201.D

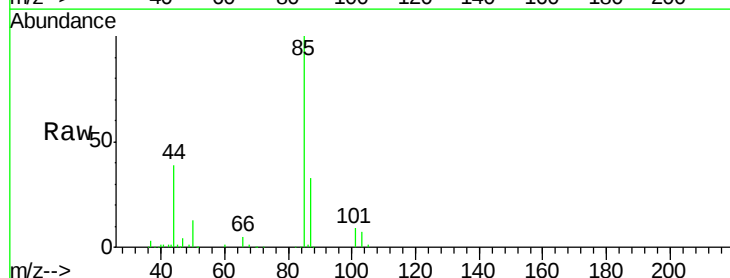
Acq: 01 Jun 2018 05:08

Tgt Ion: 85 Resp: 26418

Ion Ratio Lower Upper

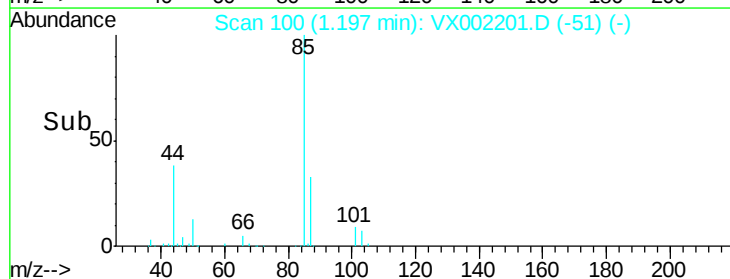
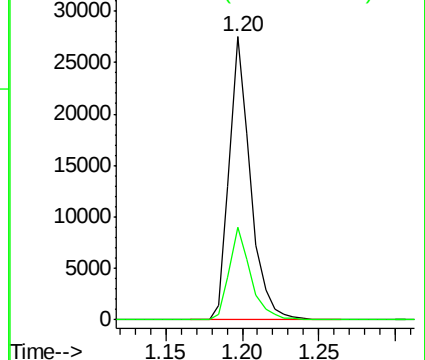
85 100

87 32.9 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: 19.578 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX002201.D

Acq: 01 Jun 2018 05:08

Instrument :

MSVOA_X

ClientSampleId :

VX0531WBSD04

Tot Ion: 50 Resp: 37426

Ion Ratio Lower Upper

50 100

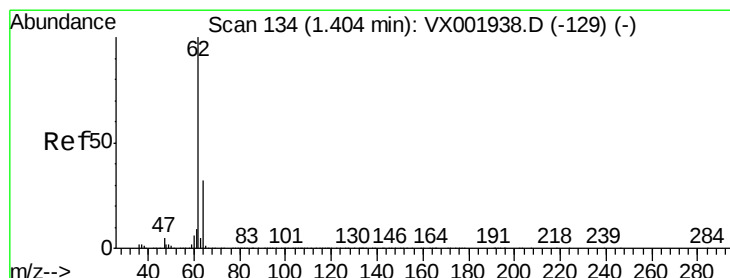
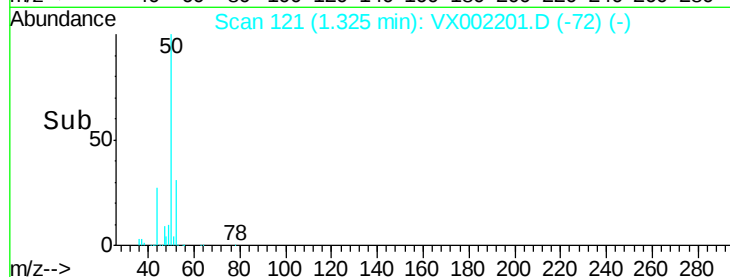
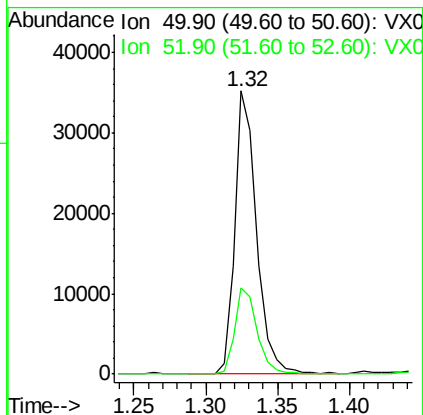
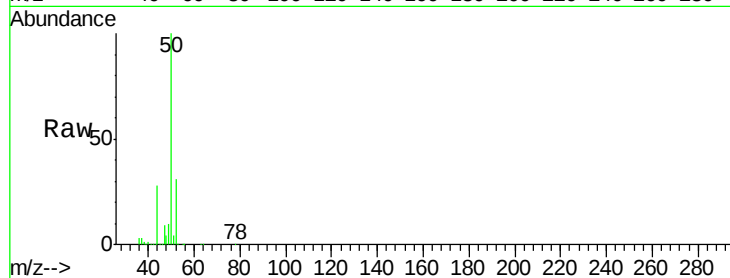
52 30.6 26.0 39.0

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#4

Vinyl Chloride

Concen: 20.581 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX002201.D

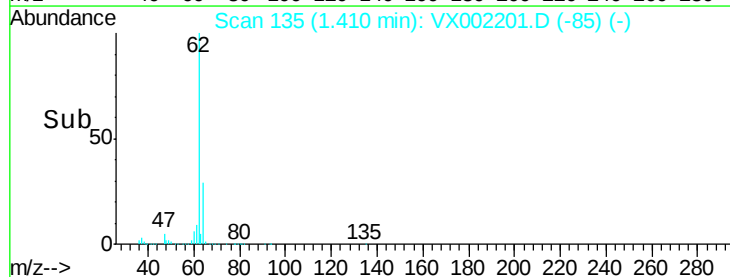
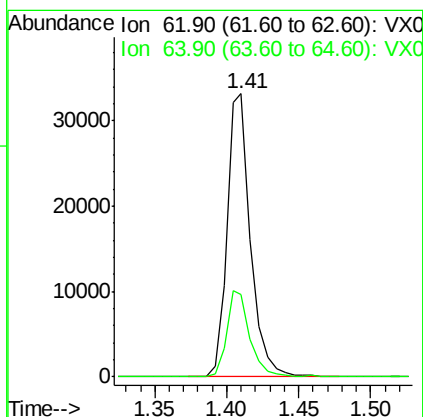
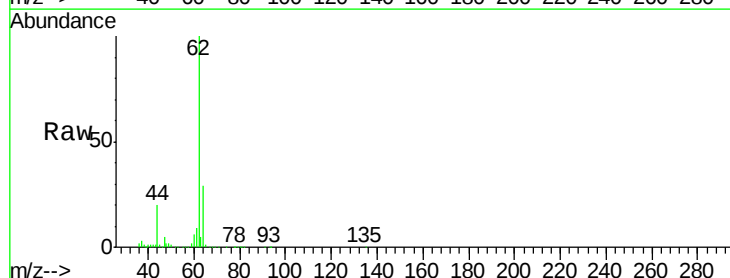
Acq: 01 Jun 2018 05:08

Tgt Ion: 62 Resp: 37988

Ion Ratio Lower Upper

62 100

64 29.2 25.4 38.0





#5

Bromomethane

Concen: 29.615 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX002201.D

Acq: 01 Jun 2018 05:08

Instrument :

MSVOA_X

ClientSampleId :

VX0531WBSD04

Tot Ion: 94 Resp: 25494

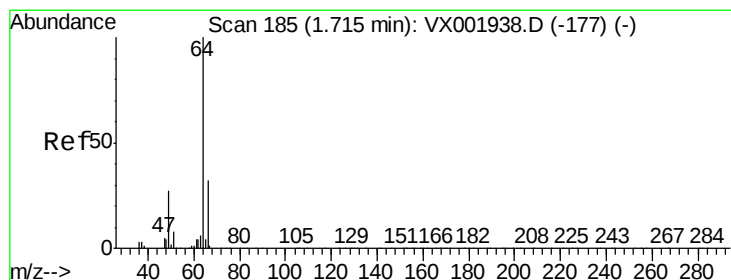
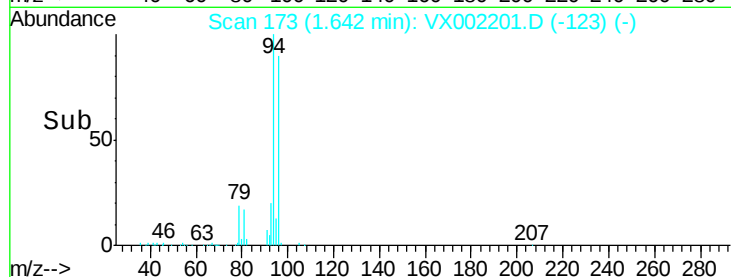
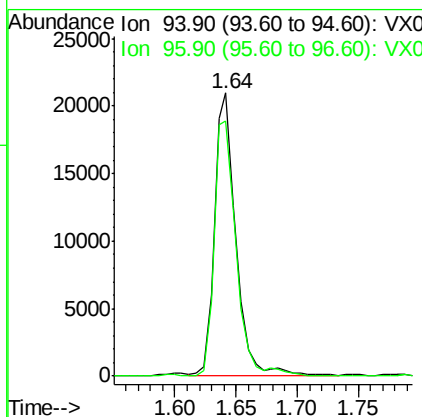
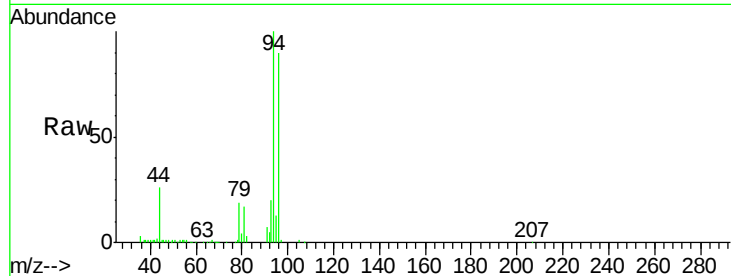
Ion Ratio Lower Upper

94 100

96 90.2 75.9 113.9

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#6

Chloroethane

Concen: 23.450 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX002201.D

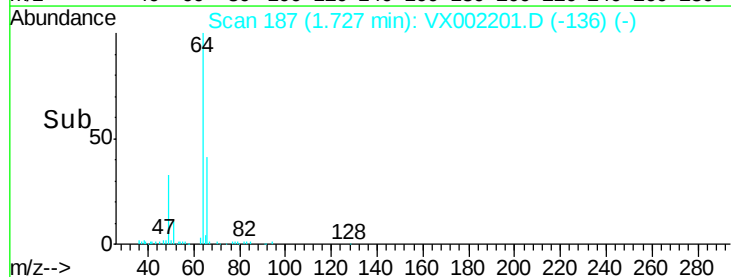
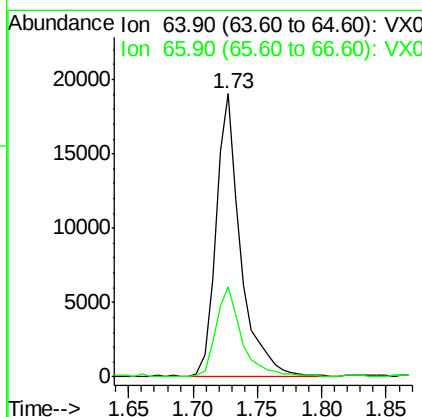
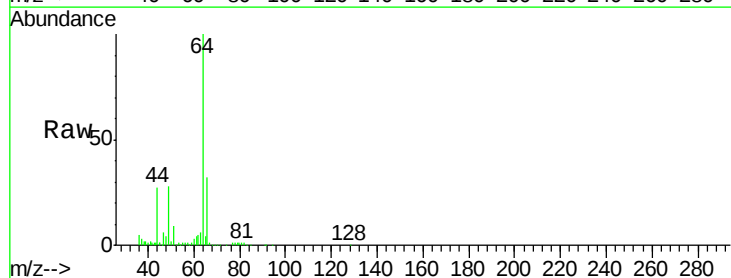
Acq: 01 Jun 2018 05:08

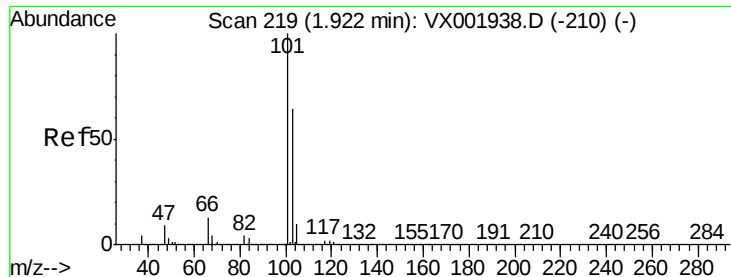
Tgt Ion: 64 Resp: 25515

Ion Ratio Lower Upper

64 100

66 31.6 25.6 38.4





#7

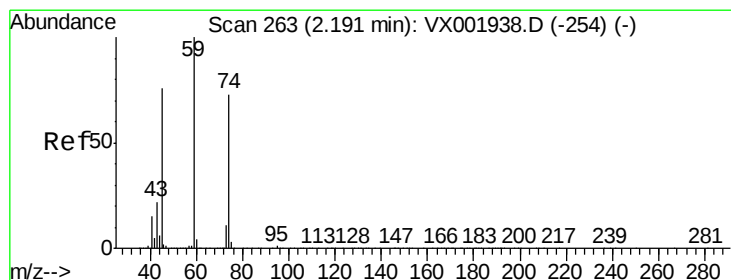
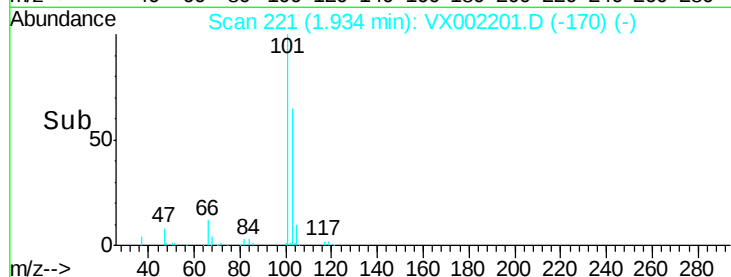
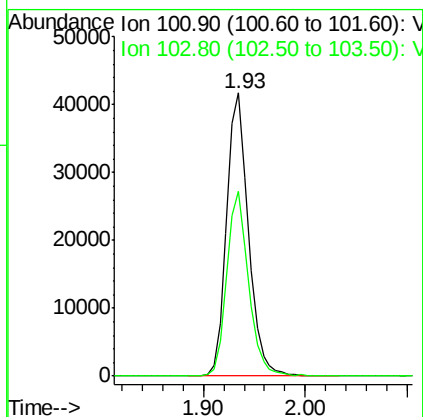
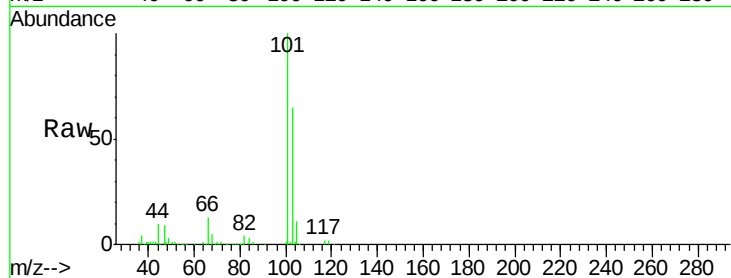
Trichlorofluoromethane
Concen: 22.239 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.01 min
Lab File: VX002201.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.1	51.4	77.0

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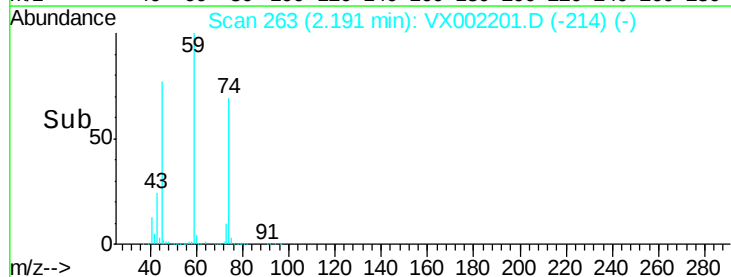
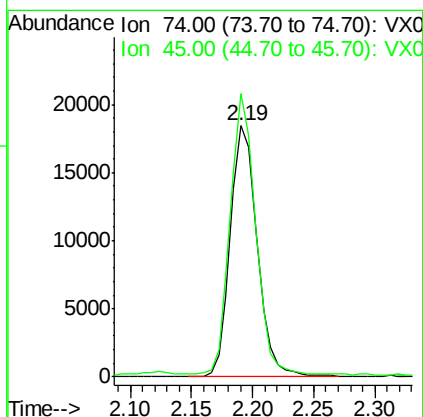
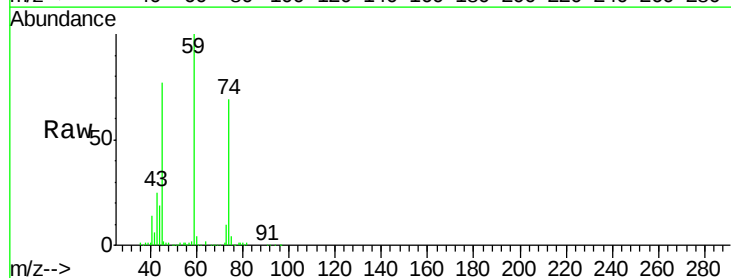
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#8

Diethyl Ether
Concen: 27.993 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX002201.D
Acq: 01 Jun 2018 05:08

Tgt Ion	Ratio	Lower	Upper
74	100		
45	106.2	51.5	154.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.520 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX002201.D

Acq: 01 Jun 2018 05:08

Instrument :

MSVOA_X

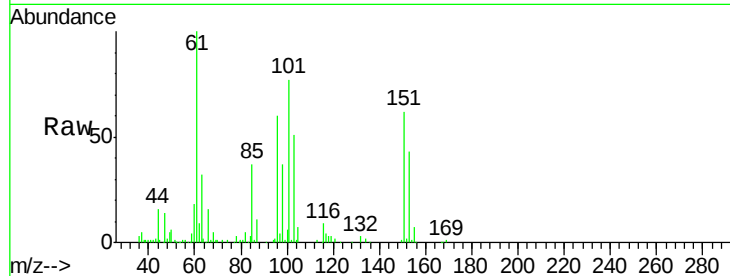
ClientSampleId :

VX0531WBSD04

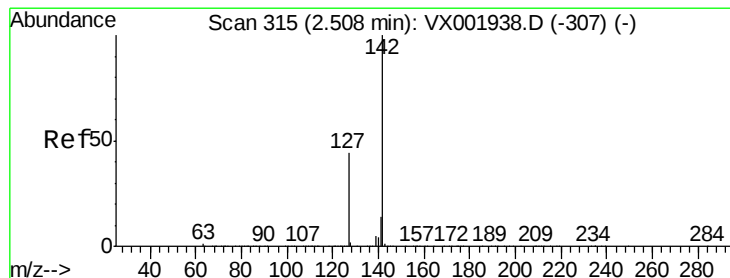
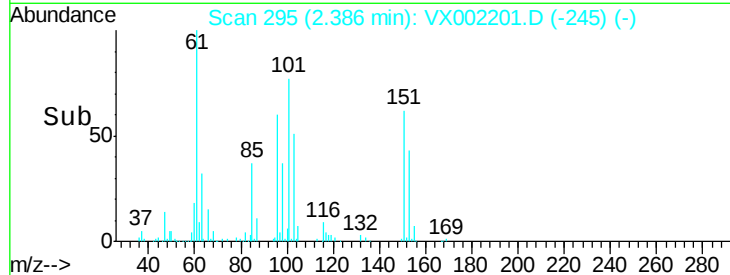
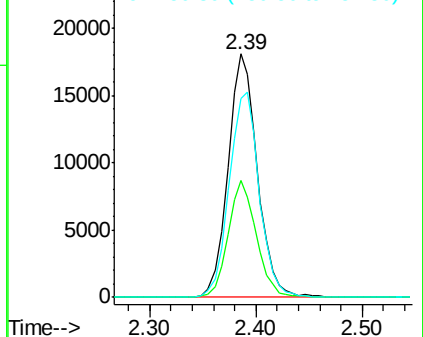
Tot Ion:	101	Resp:	34832
Ion Ratio	Lower	Upper	
101	100		
85	46.4	35.6	53.4
151	86.5	73.2	109.8

Manual Integrations
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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VX0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.483 ug/l

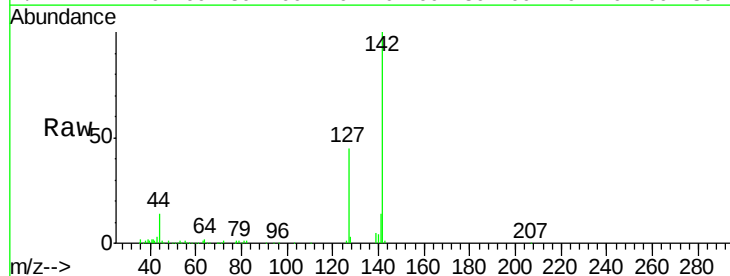
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Delta R.T. 0.01 min

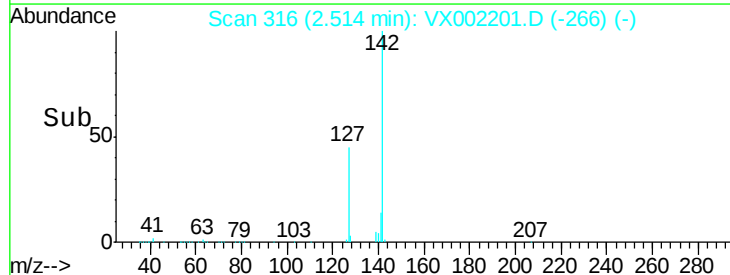
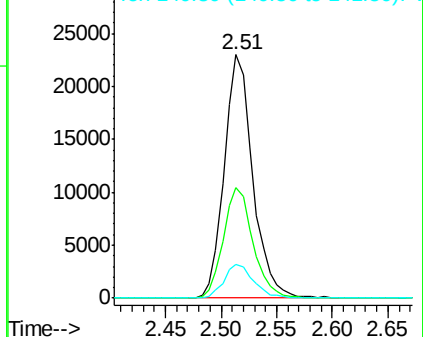
Lab File: VX002201.D

Acq: 01 Jun 2018 05:08

Tgt Ion:	142	Resp:	40775
Ion Ratio	Lower	Upper	
142	100		
127	47.0	35.5	53.3
141	14.5	11.3	16.9



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

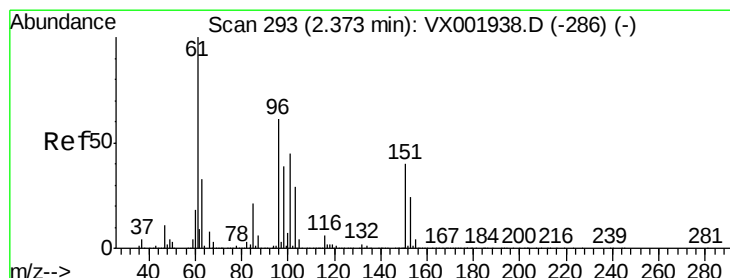
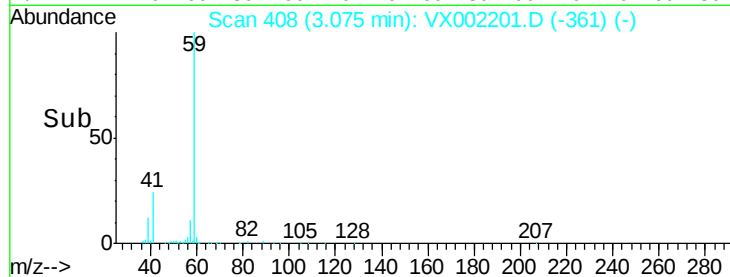
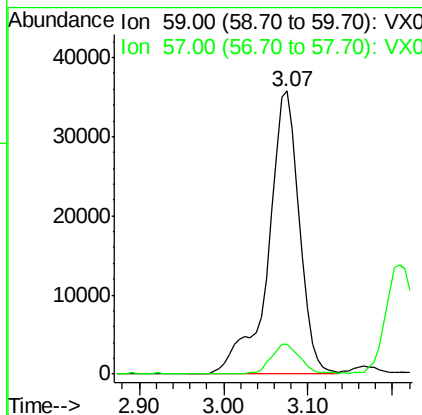
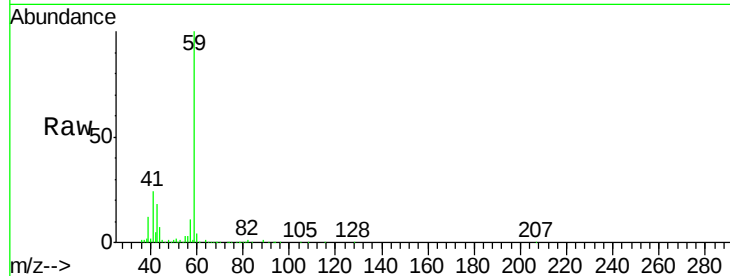
Tert butyl alcohol
Concen: 210.324 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX002201.D
Acq: 01 Jun 2018 05:08

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBSD04

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.0	8.9	13.3

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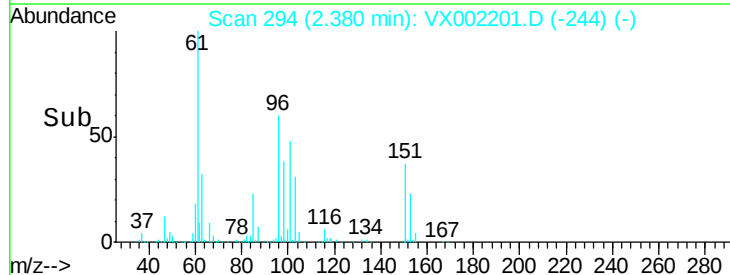
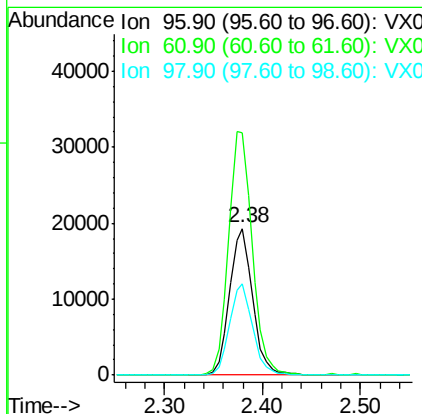
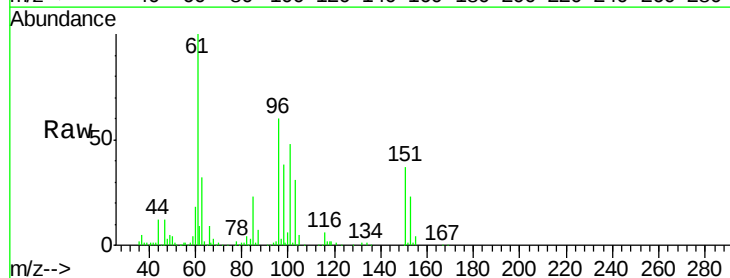
MMDadoda
6/1/2018 6:37:14 PM



#12

1,1-Dichloroethene
Concen: 21.901 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.01 min
Lab File: VX002201.D
Acq: 01 Jun 2018 05:08

Tgt Ion	Ratio	Lower	Upper
96	100		
61	165.6	131.7	197.5
98	62.3	51.6	77.4





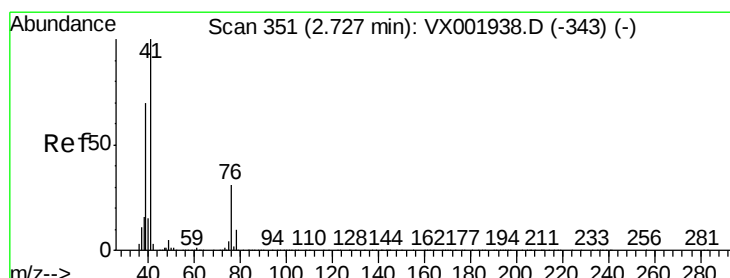
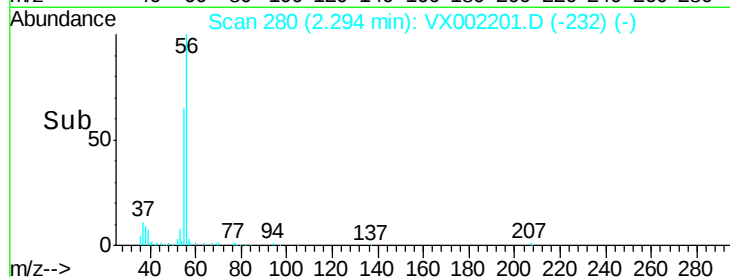
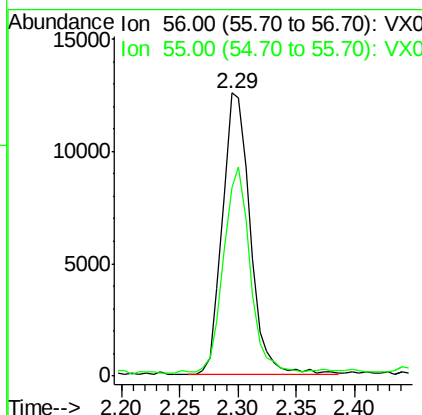
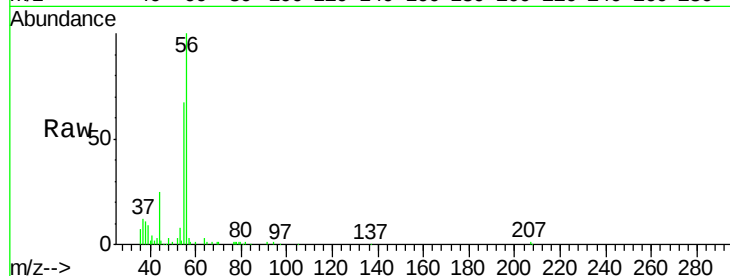
#13
Acrolein
Concen: 110.690 ug/l
RT: 2.29 min Scan# 280
Delta R.T. -0.01 min
Lab File: VX002201.D
Acq: 01 Jun 2018 05:08

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBSD04

Tot Ion	Ion	Ratio	Lower	Upper
56	56	100		
55	55	70.1	56.8	85.2

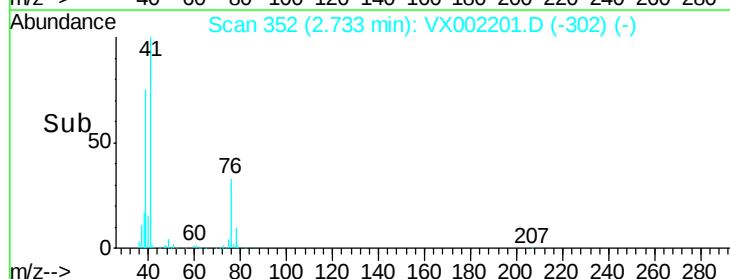
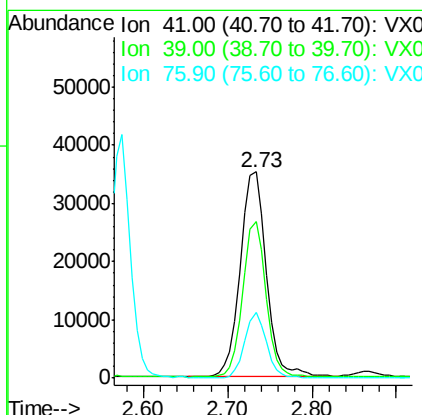
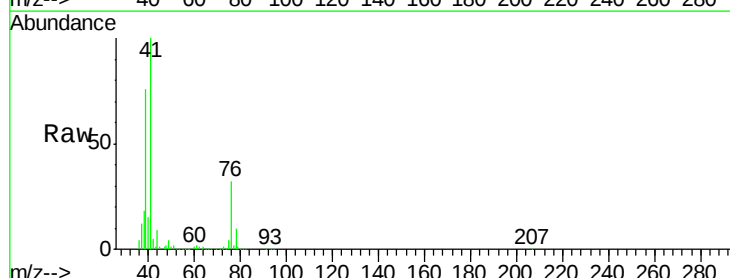
Manual Integrations
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#14
Allyl chloride
Concen: 24.093 ug/l
RT: 2.73 min Scan# 352
Delta R.T. 0.01 min
Lab File: VX002201.D
Acq: 01 Jun 2018 05:08

Tgt Ion	Ion	Ratio	Lower	Upper
41	41	100		
39	39	67.8	54.3	81.5
76	76	27.0	24.2	36.4





#15

Acrylonitrile

Concen: 177.599 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX002201.D

Acq: 01 Jun 2018 05:08

Instrument :

MSVOA_X

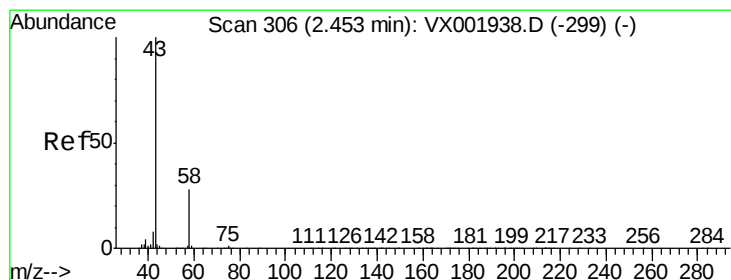
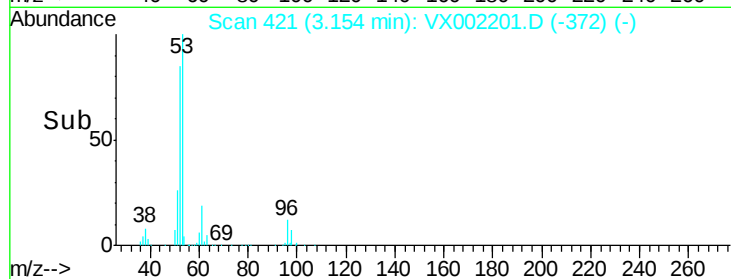
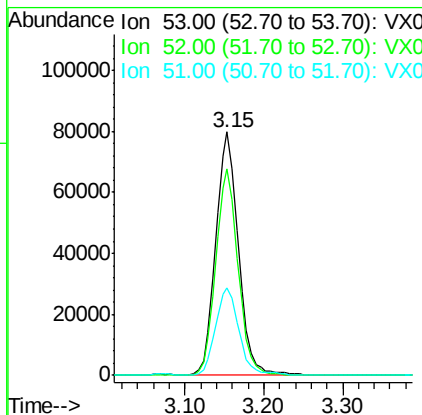
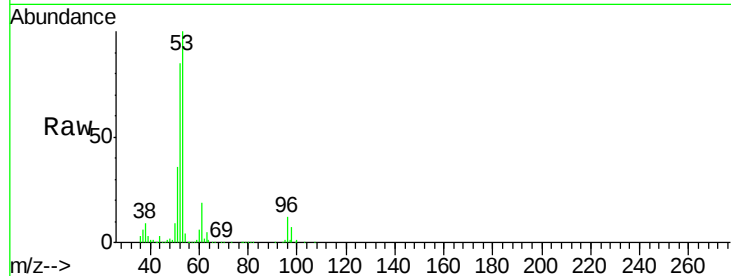
ClientSampleId :

VX0531WBSD04

Tot Ion:	53	Resp:	159207
Ion Ratio		Lower	Upper
53	100		
52	83.0	66.4	99.6
51	36.7	29.3	43.9

Manual Integrations
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#16

Acetone

Concen: 183.693 ug/l

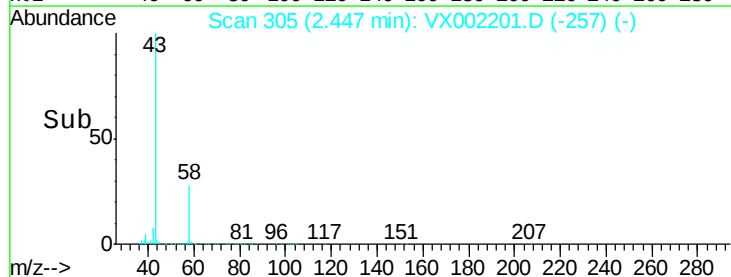
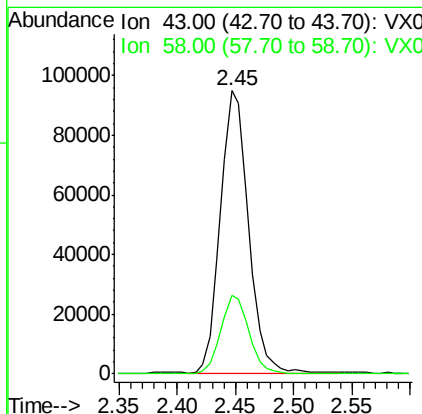
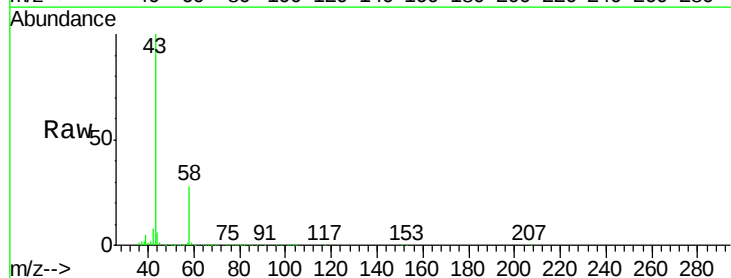
RT: 2.45 min Scan# 305

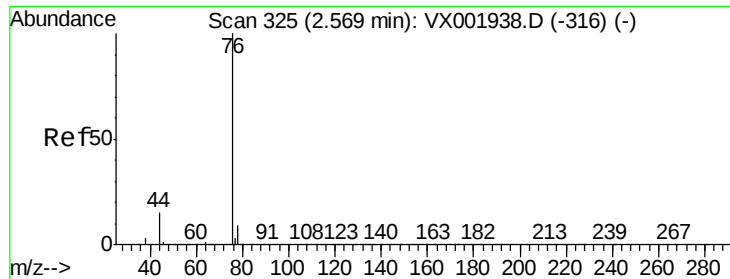
Delta R.T. -0.01 min

Lab File: VX002201.D

Acq: 01 Jun 2018 05:08

Tgt Ion:	43	Resp:	157441
Ion Ratio		Lower	Upper
43	100		
58	27.6	22.3	33.5





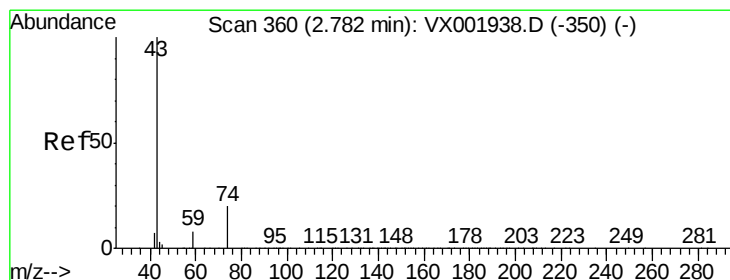
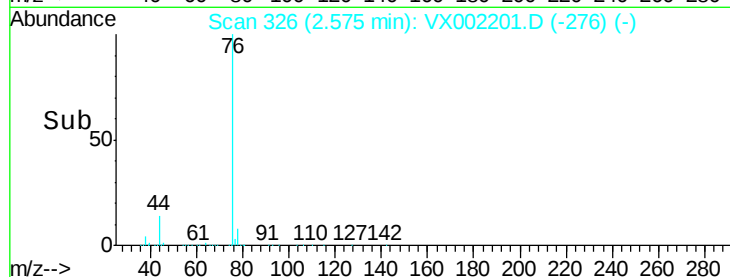
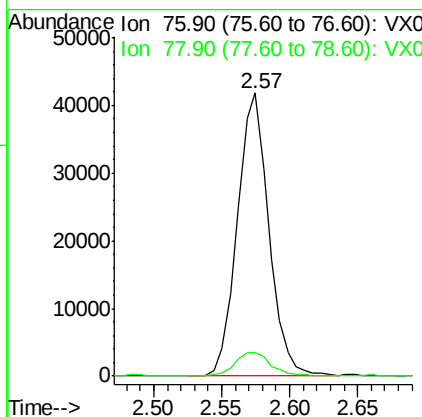
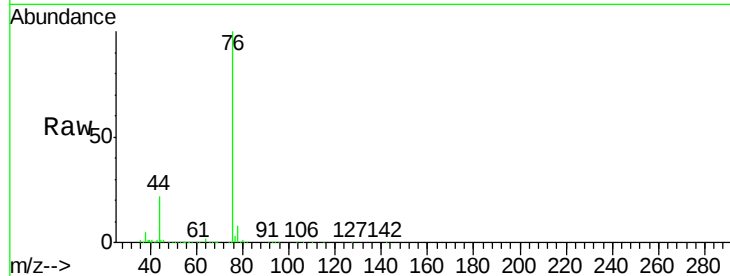
#17
Carbon Disulfide
Concen: 16.251 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.01 min
Lab File: VX002201.D
Acq: 01 Jun 2018 05:08

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBSD04

Tot Ion: 76 Resp: 67729
Ion Ratio Lower Upper
76 100
78 8.0 7.4 11.2

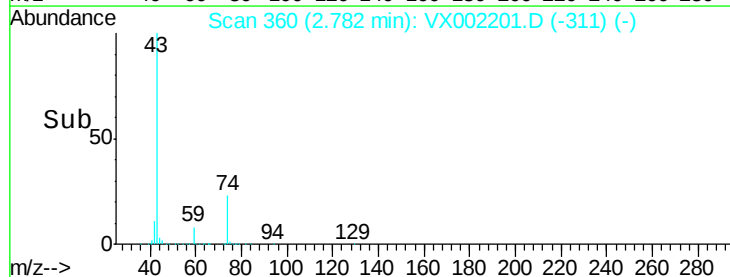
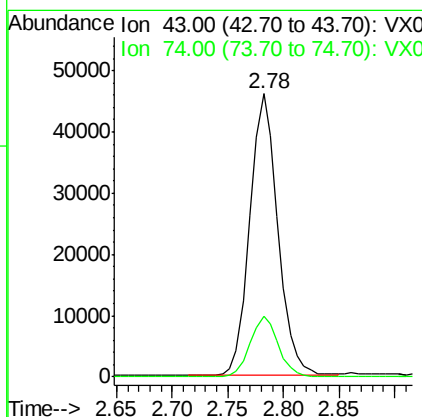
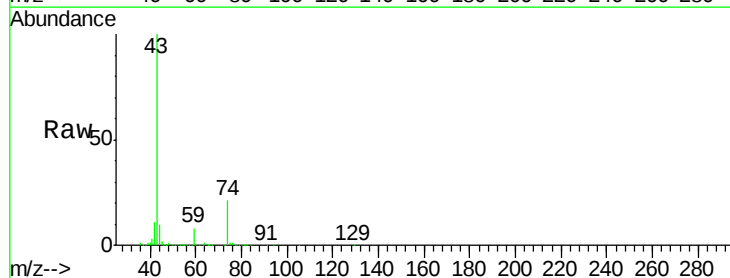
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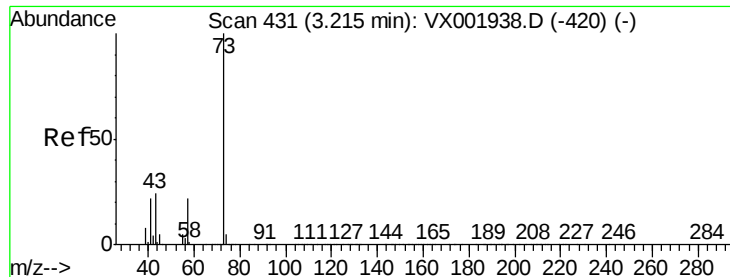
MMDadoda
6/1/2018 6:37:14 PM



#18
Methyl Acetate
Concen: 39.005 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX002201.D
Acq: 01 Jun 2018 05:08

Tgt Ion: 43 Resp: 81051
Ion Ratio Lower Upper
43 100
74 21.8 16.8 25.2





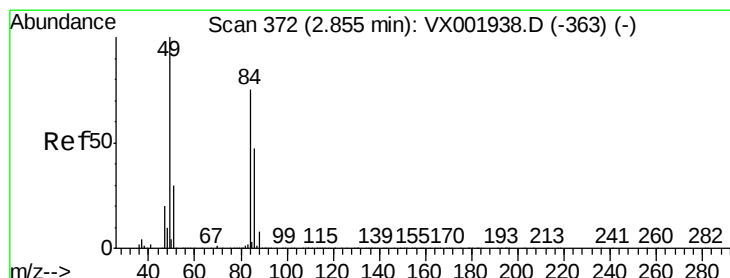
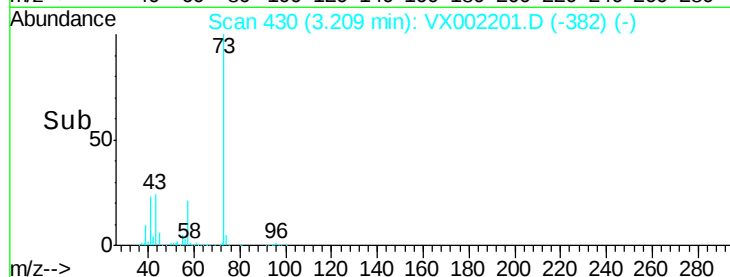
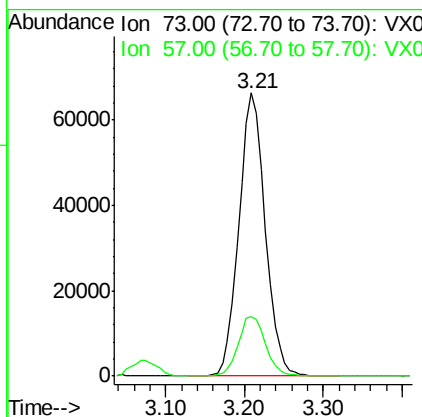
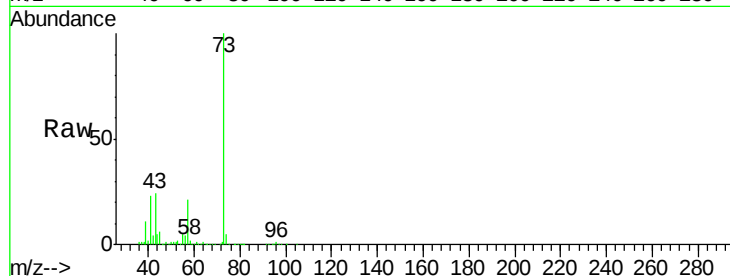
#19
Methvl tert-butvl Ether
Concen: 28.247 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.01 min
Lab File: VX002201.D
Acq: 01 Jun 2018 05:08

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBSD04

Tot Ion: 73 Resp: 153849
Ion Ratio Lower Upper
73 100
57 20.6 17.4 26.0

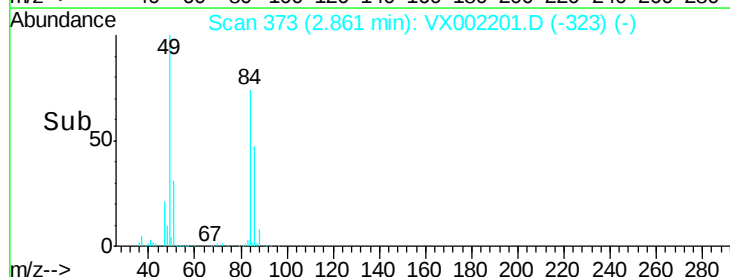
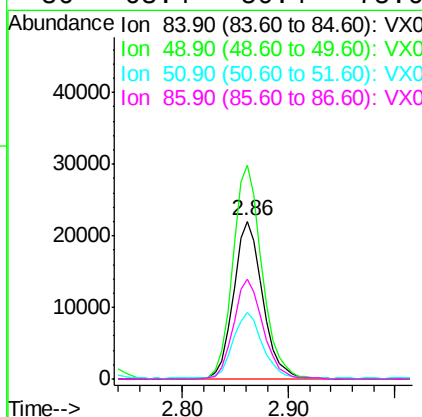
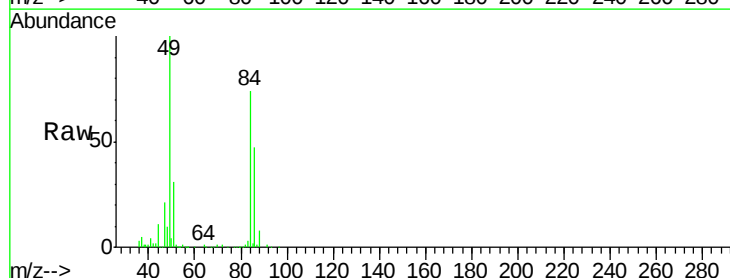
Manual Integrations
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#20
Methylene Chloride
Concen: 27.831 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX002201.D
Acq: 01 Jun 2018 05:08

Tgt Ion: 84 Resp: 42398
Ion Ratio Lower Upper
84 100
49 135.1 107.2 160.8
51 41.8 32.4 48.6
86 63.4 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 23.512 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002201.D

Acq: 01 Jun 2018 05:08

Instrument :

MSVOA_X

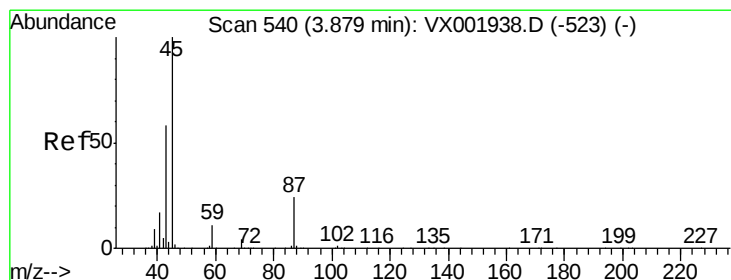
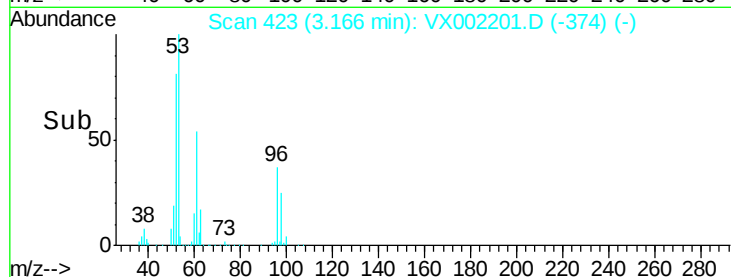
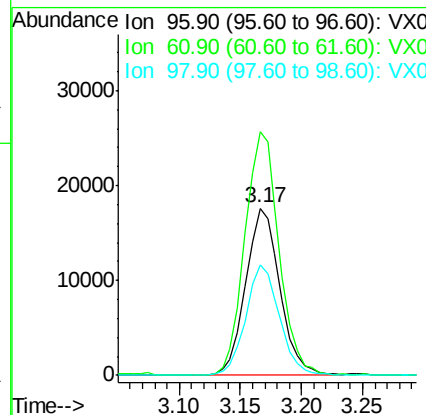
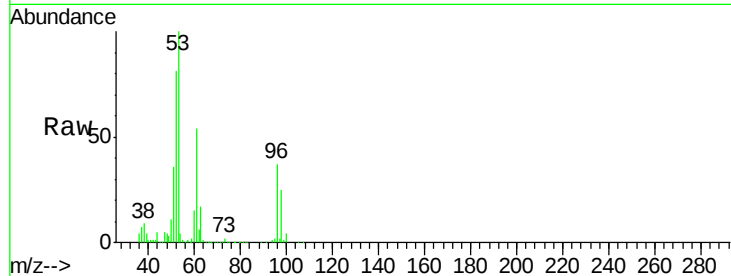
ClientSampleId :

VX0531WBSD04

Tot Ion:	96	Resp:	34328
Ion	Ratio	Lower	Upper
96	100		
61	145.4	113.3	169.9
98	66.3	51.7	77.5

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



#22

Diisopropyl ether

Concen: 22.454 ug/l

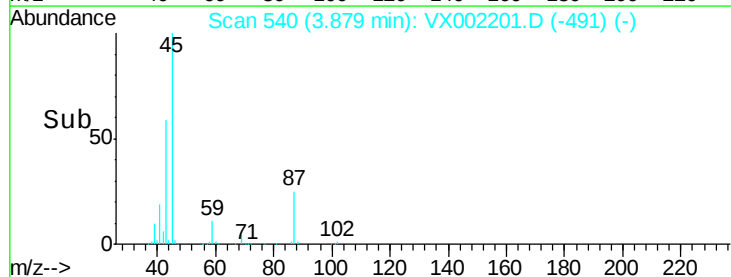
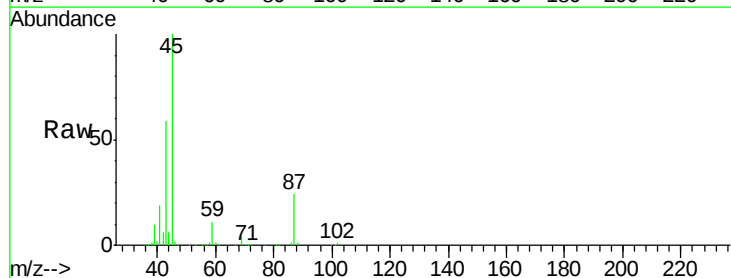
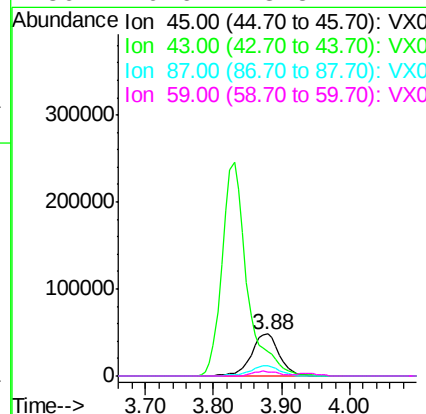
RT: 3.88 min Scan# 540

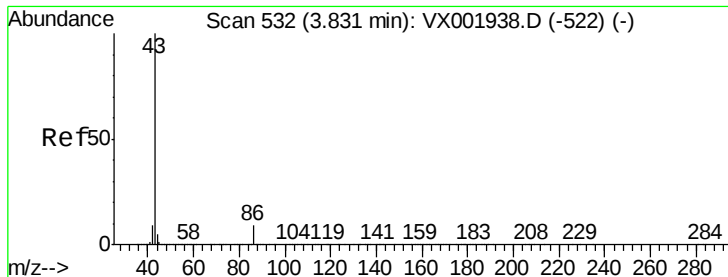
Delta R.T. -0.00 min

Lab File: VX002201.D

Acq: 01 Jun 2018 05:08

Tgt Ion:	45	Resp:	138835
Ion	Ratio	Lower	Upper
45	100		
43	58.8	47.0	70.6
87	24.5	19.4	29.0
59	10.6	8.5	12.7





#23

Vinyl Acetate

Concen: 122.453 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX002201.D

Acq: 01 Jun 2018 05:08

Instrument :

MSVOA_X

ClientSampleId :

VX0531WBSD04

Tot Ion: 43 Resp: 627756

Ion Ratio Lower Upper

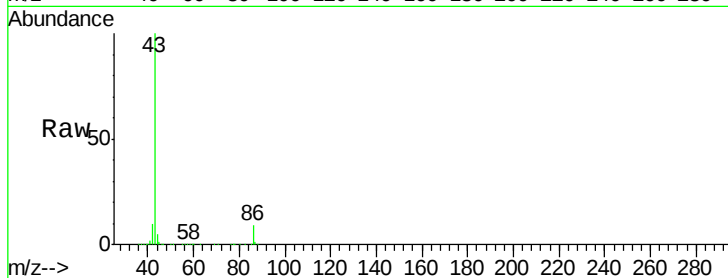
43 100

86 9.0 7.6 11.4

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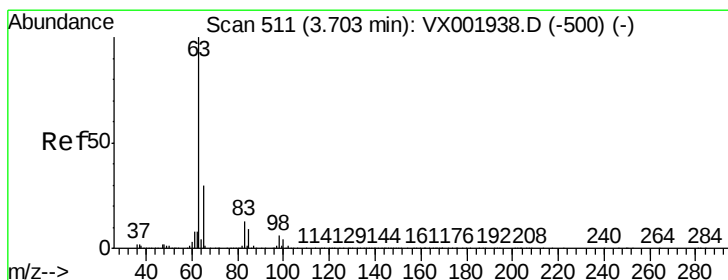
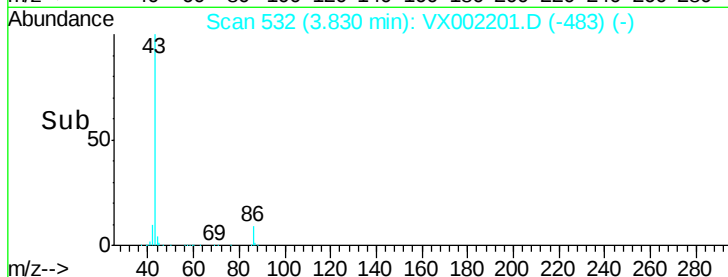
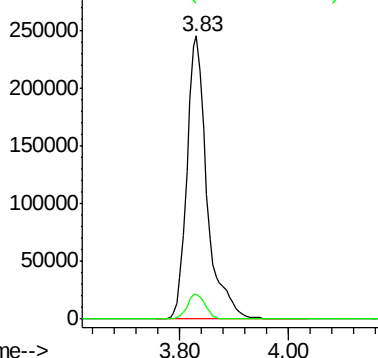
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 25.073 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX002201.D

Acq: 01 Jun 2018 05:08

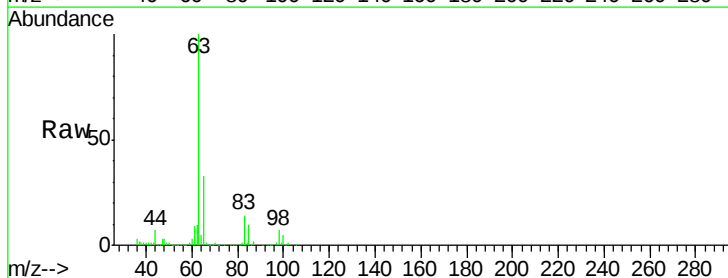
Tgt Ion: 63 Resp: 73642

Ion Ratio Lower Upper

63 100

98 7.2 3.3 9.8

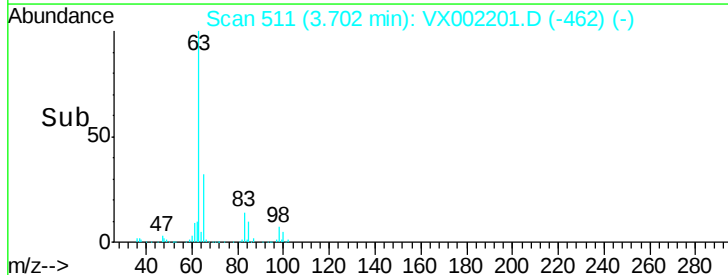
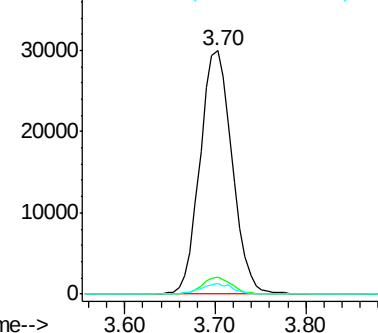
100 4.6 2.1 6.5

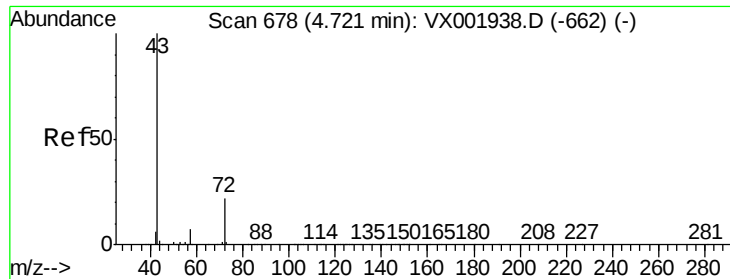


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 140.359 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX002201.D

Acq: 01 Jun 2018 05:08

Instrument :

MSVOA_X

ClientSampleId :

VX0531WBSD04

Tot Ion: 43 Resp: 220487

Ion Ratio Lower Upper

43 100

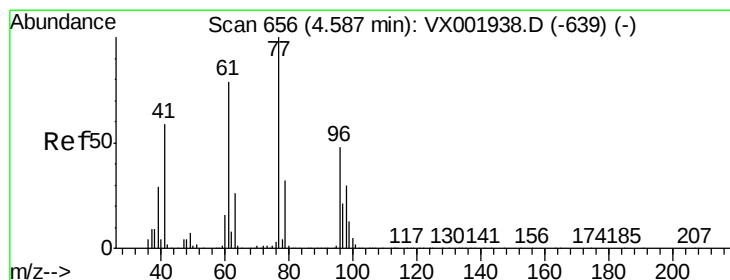
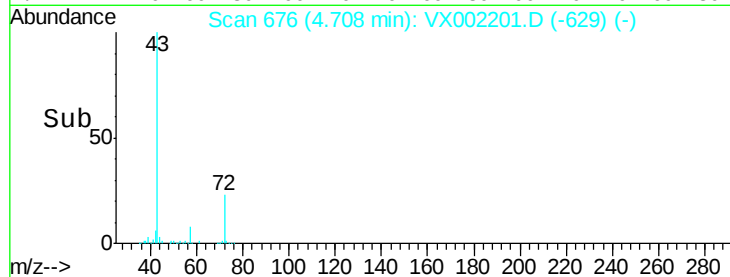
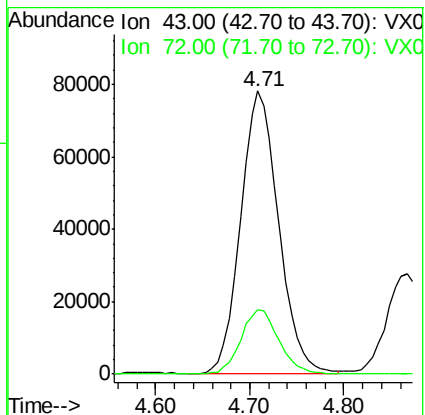
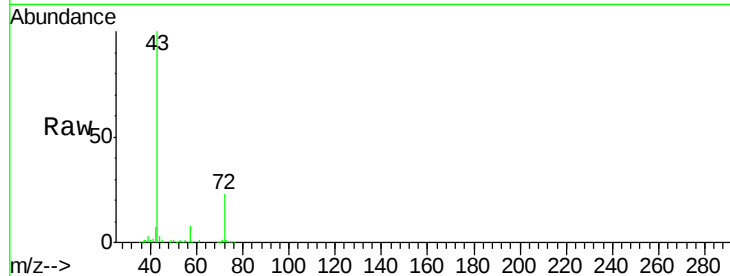
72 22.7 17.9 26.9

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 12.426 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX002201.D

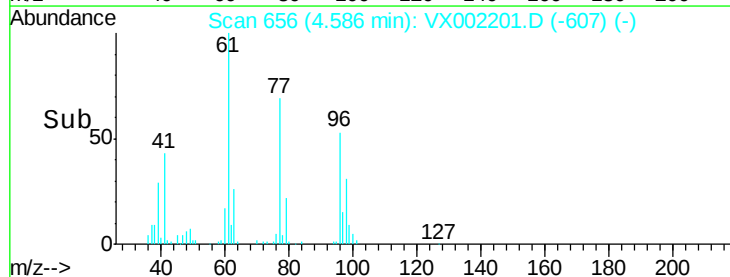
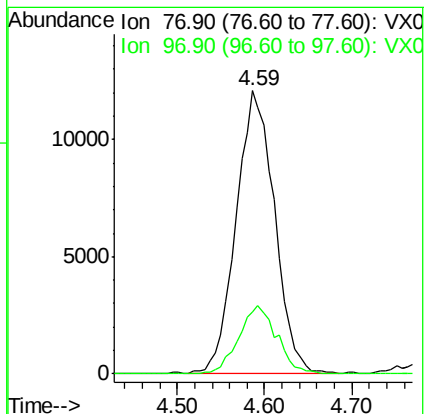
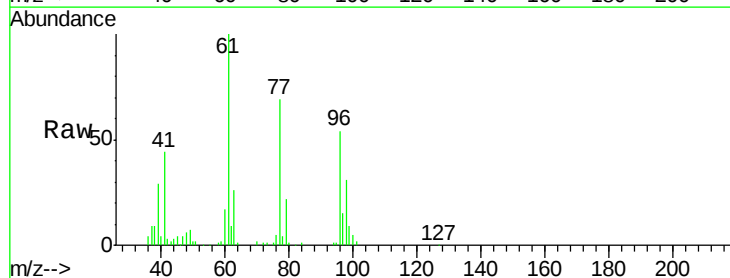
Acq: 01 Jun 2018 05:08

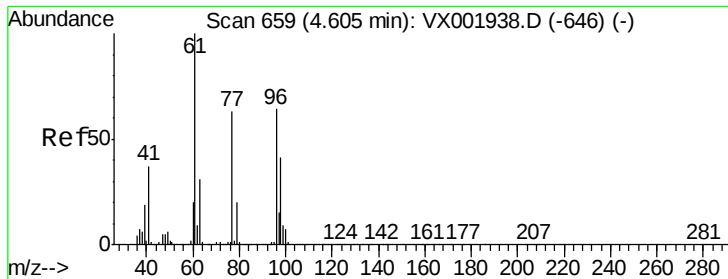
Tgt Ion: 77 Resp: 36940

Ion Ratio Lower Upper

77 100

97 23.9 11.2 33.5





#27

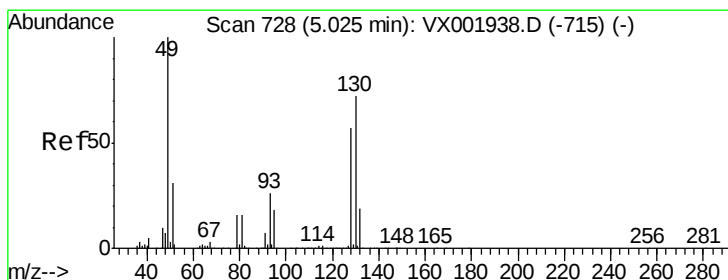
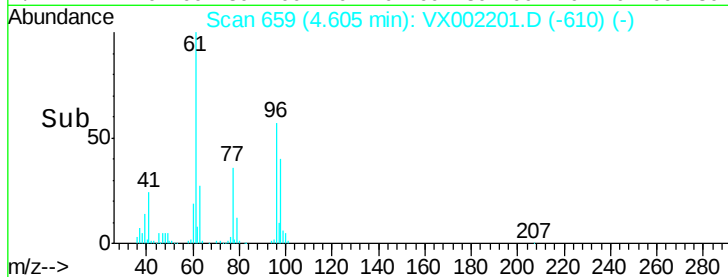
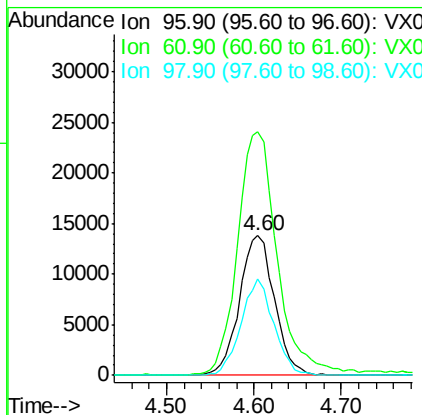
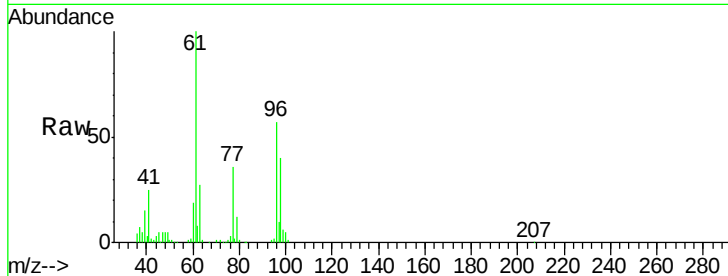
cis-1,2-Dichloroethene
Concen: 20.350 ug/l
RT: 4.60 min Scan# 659
Delta R.T. -0.00 min
Lab File: VX002201.D
Acq: 01 Jun 2018 05:08

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBSD04

Tot Ion	Ratio	Lower	Upper
96	100		
61	198.5	0.0	348.4
98	64.5	0.0	128.6

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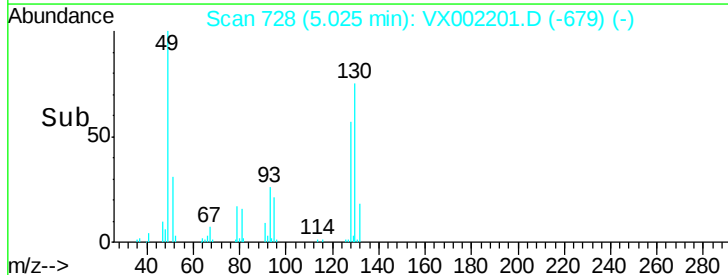
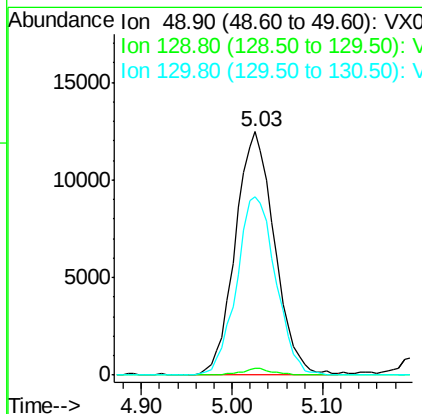
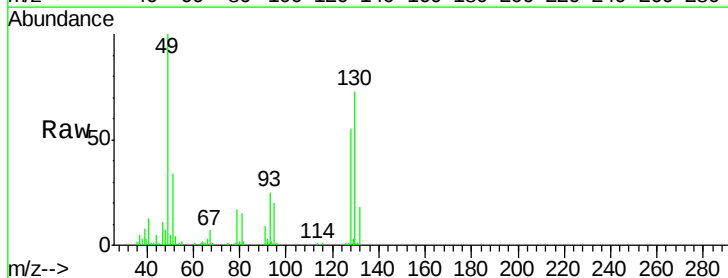
MMDadoda
6/1/2018 6:37:14 PM

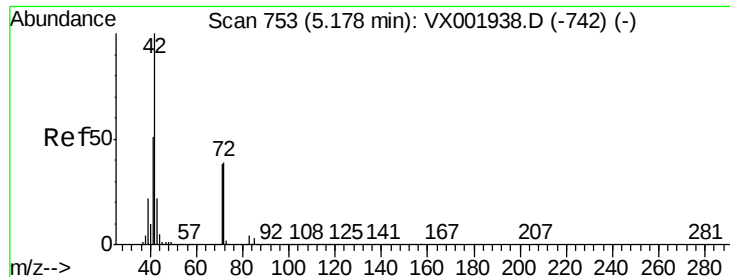


#28

Bromochloromethane
Concen: 29.440 ug/l
RT: 5.03 min Scan# 728
Delta R.T. 0.00 min
Lab File: VX002201.D
Acq: 01 Jun 2018 05:08

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	3.8
130	73.0	59.4	89.2





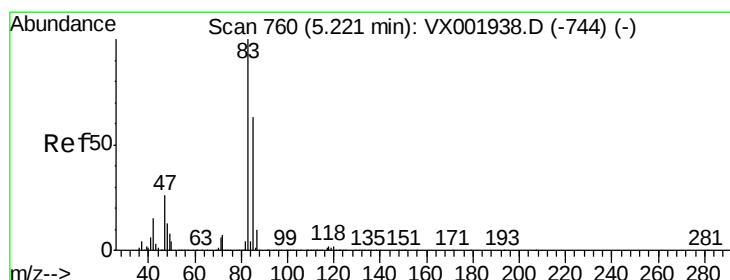
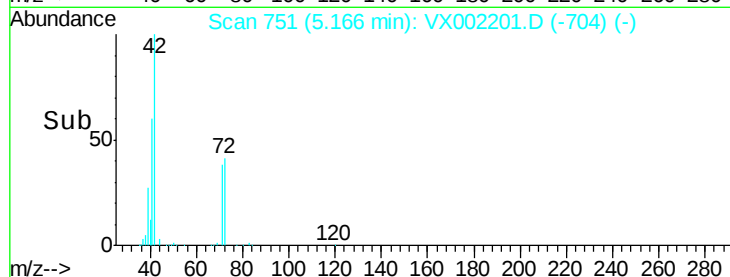
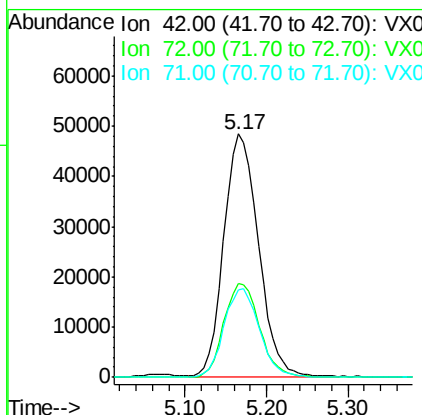
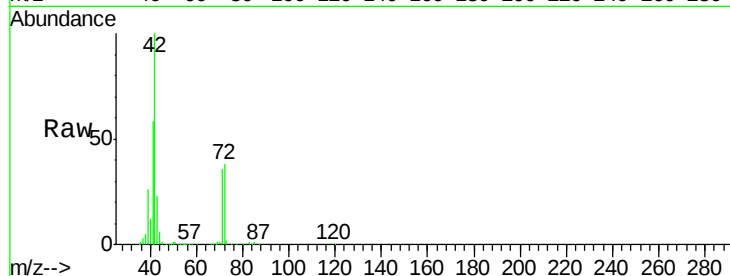
#29
Tetrahydrofuran
Concen: 139.224 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.01 min
Lab File: VX002201.D
Acq: 01 Jun 2018 05:08

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBSD04

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.9	31.4	47.0
71	37.4	29.5	44.3

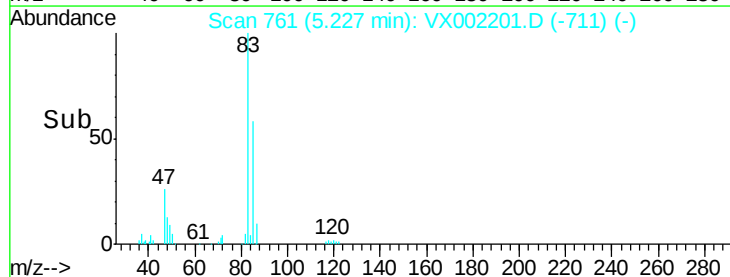
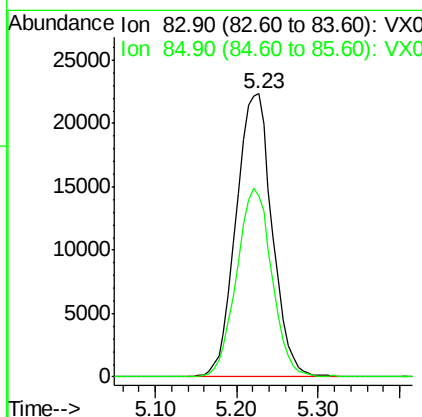
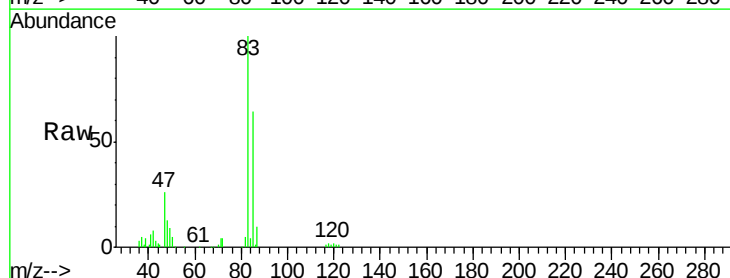
Manual Integrations
APPROVED

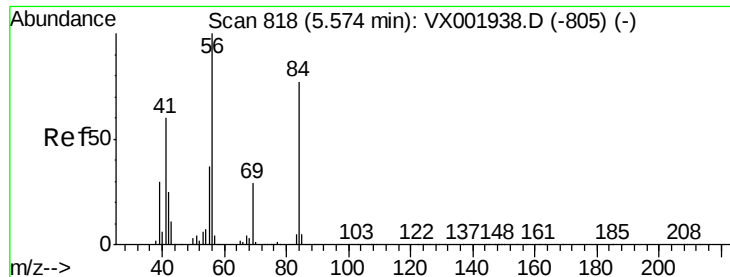
MMDadoda
6/1/2018 6:37:14 PM



#30
Chloroform
Concen: 20.706 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.01 min
Lab File: VX002201.D
Acq: 01 Jun 2018 05:08

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.9	50.9	76.3





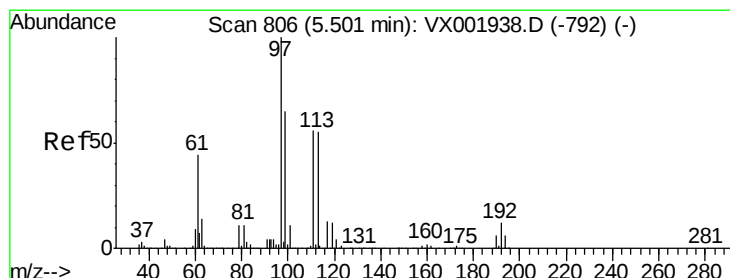
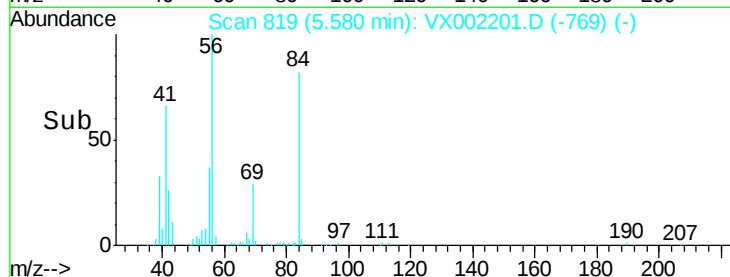
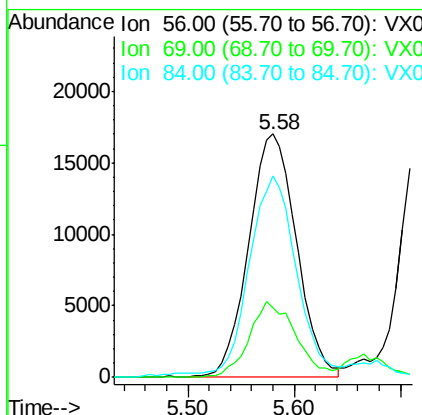
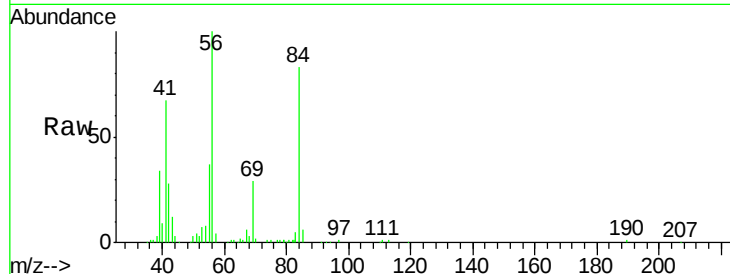
#31
Cyclohexane
Concen: 17.485 ug/l
RT: 5.58 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX002201.D
Acq: 01 Jun 2018 05:08

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBSD04

Tot Ion	Ratio	Lower	Upper
56	100		
69	28.7	23.1	34.7
84	80.7	62.0	93.0

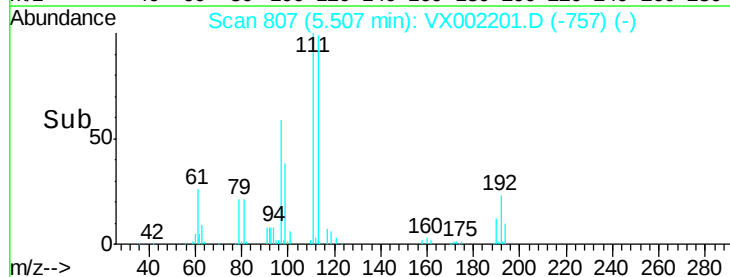
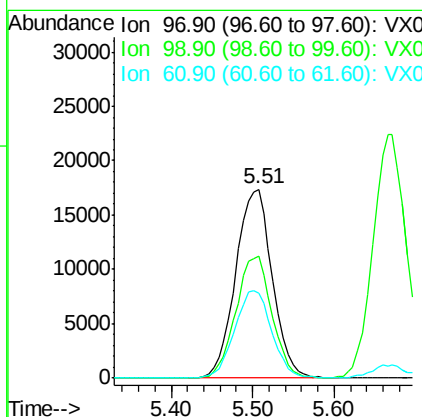
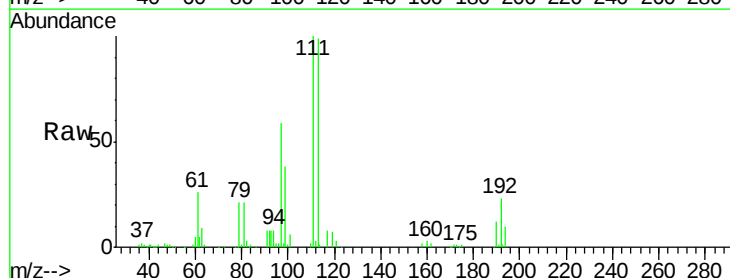
Manual Integrations
APPROVED

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#32
1,1,1-Trichloroethane
Concen: 17.462 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.01 min
Lab File: VX002201.D
Acq: 01 Jun 2018 05:08

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.9	77.9
61	47.0	35.9	53.9





#33

1,2-Dichloroethane-d4

Concen: 50.484 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX002201.D

Acq: 01 Jun 2018 05:08

Instrument :

MSVOA_X

ClientSampleId :

VX0531WBSD04

Tot Ion: 65 Resp: 112117

Ion Ratio Lower Upper

65 100

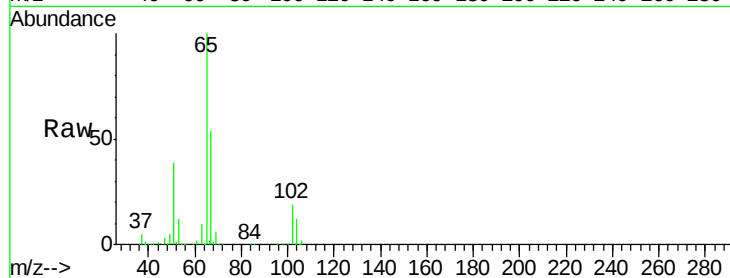
67 51.0 0.0 104.0

Manual Integrations

APPROVED

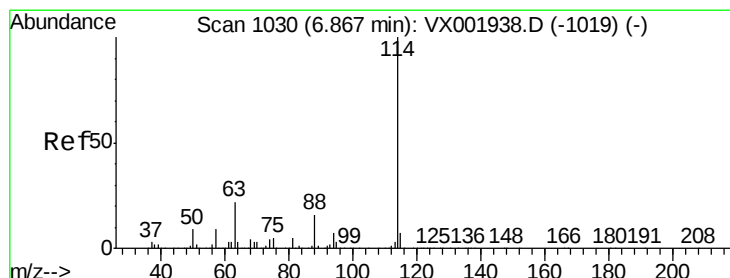
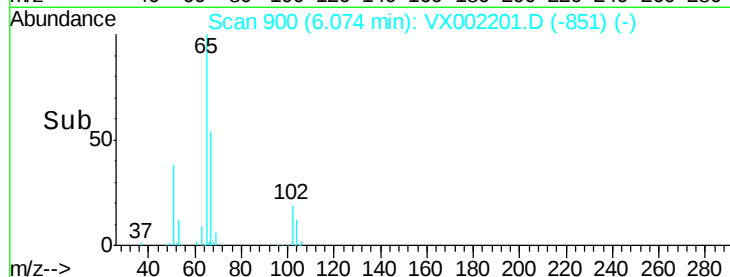
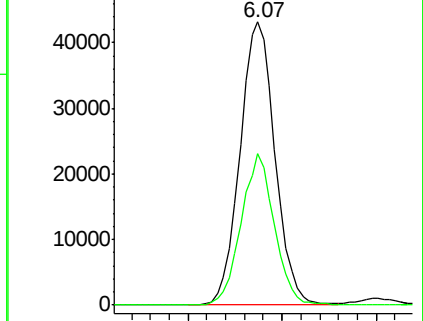
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002201.D

Acq: 01 Jun 2018 05:08

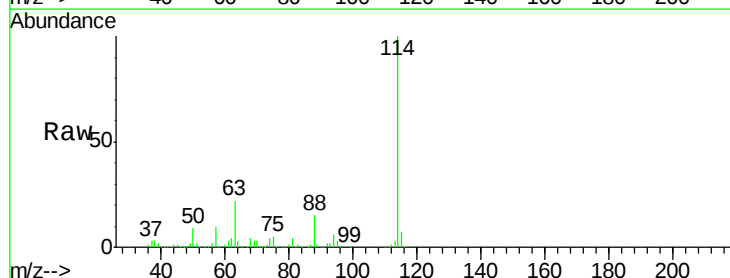
Tgt Ion: 114 Resp: 180218

Ion Ratio Lower Upper

114 100

63 21.8 0.0 43.2

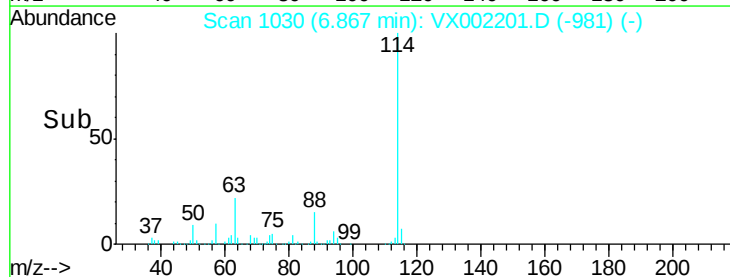
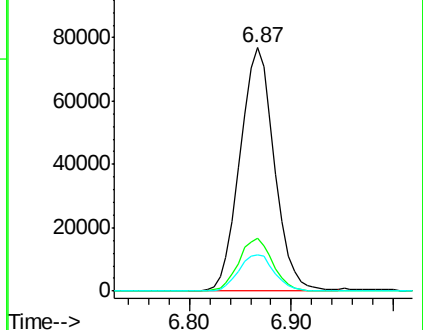
88 15.1 0.0 31.6

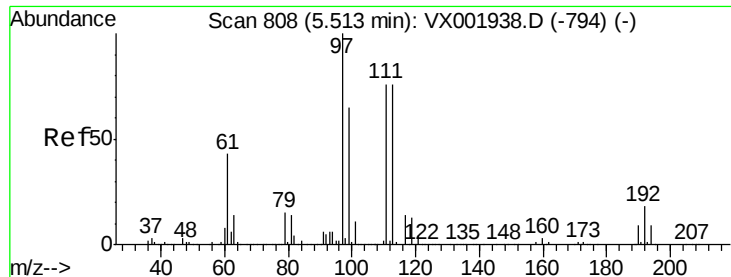


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 44.237 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX002201.D

Acq: 01 Jun 2018 05:08

Instrument :

MSVOA_X

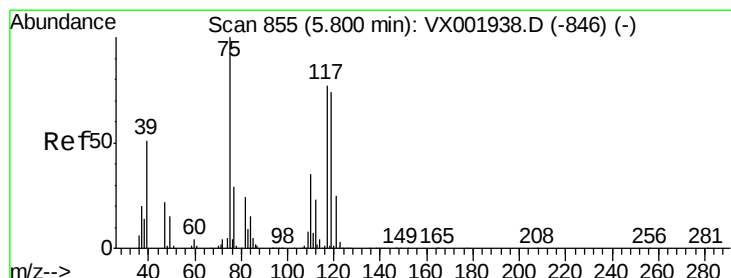
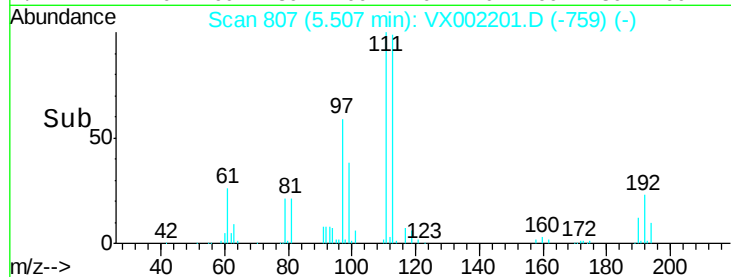
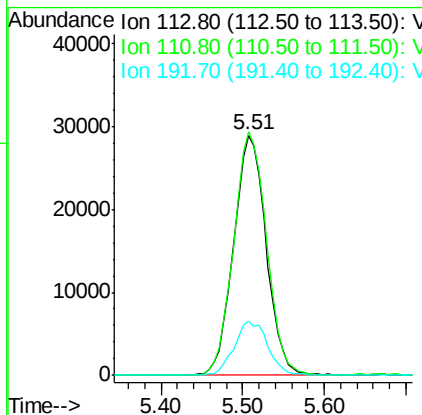
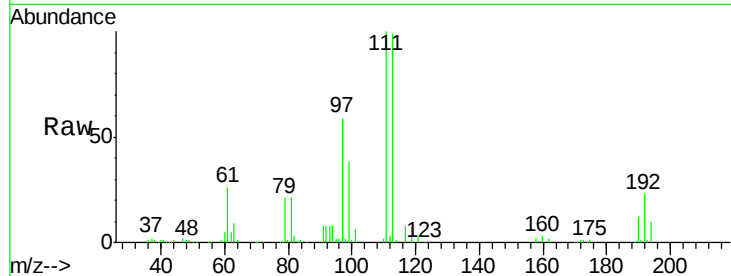
ClientSampleId :

VX0531WBSD04

Tot Ion:	113	Resp:	79724
Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.0	123.0
192	23.3	18.9	28.3

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 17.086 ug/l

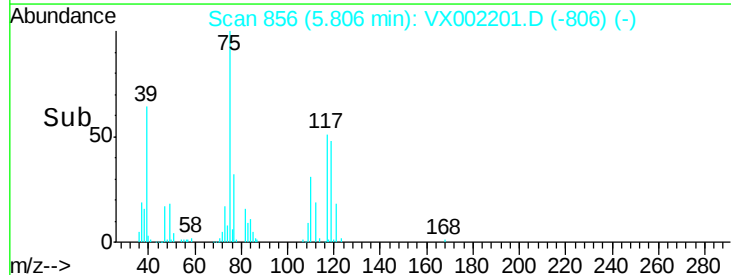
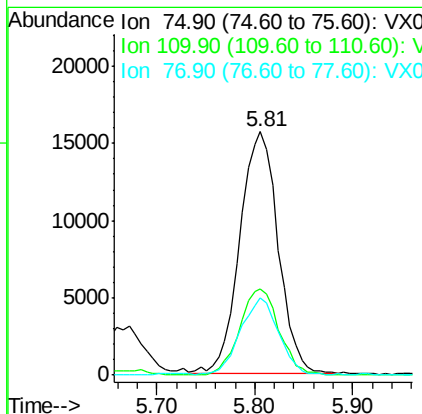
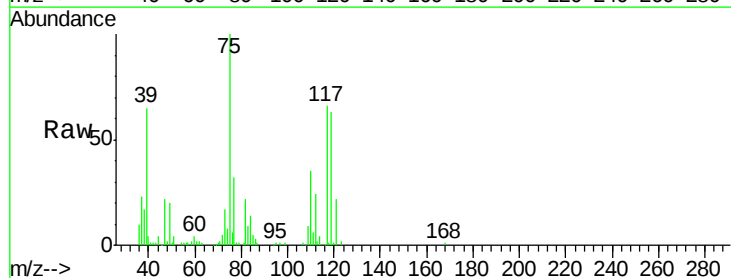
RT: 5.81 min Scan# 856

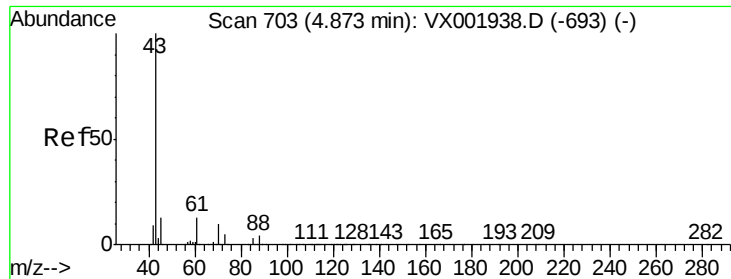
Delta R.T. 0.01 min

Lab File: VX002201.D

Acq: 01 Jun 2018 05:08

Tgt Ion:	75	Resp:	42830
Ion	Ratio	Lower	Upper
75	100		
110	36.5	17.4	52.2
77	31.8	24.4	36.6





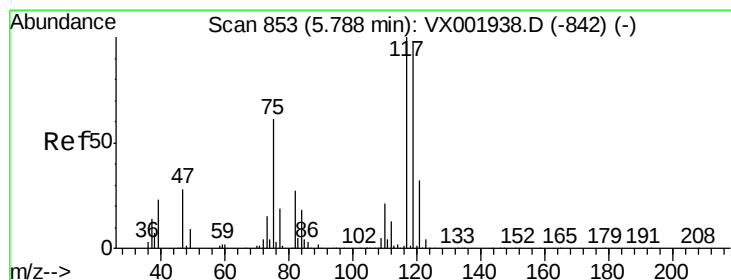
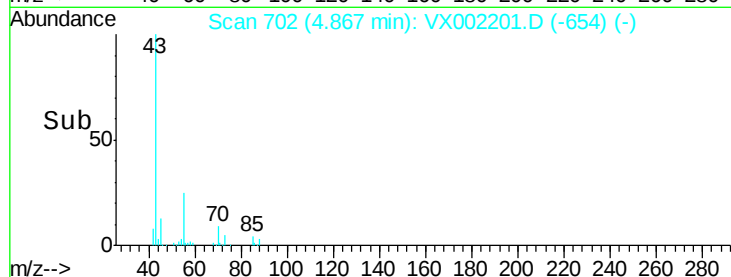
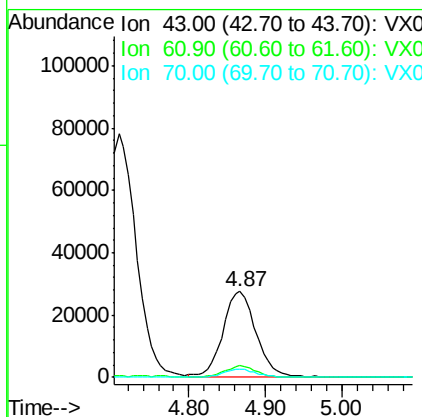
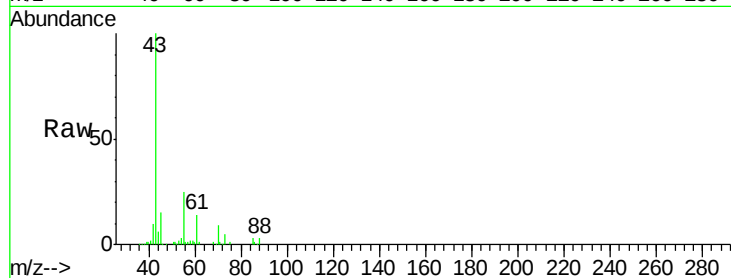
#37
Ethyl Acetate
Concen: 24.840 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX002201.D
Acq: 01 Jun 2018 05:08

Instrument :
MSVOA_X
ClientSampleID :
VX0531WBSD04

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.5	10.2	15.2
70	9.6	7.8	11.8

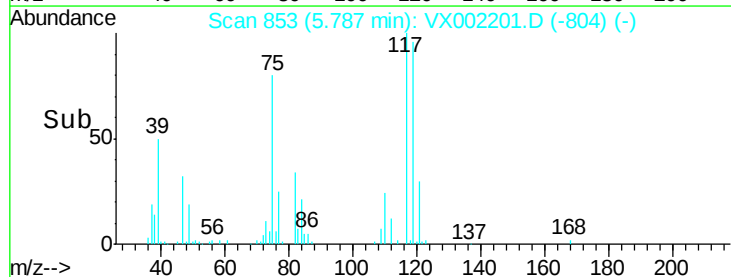
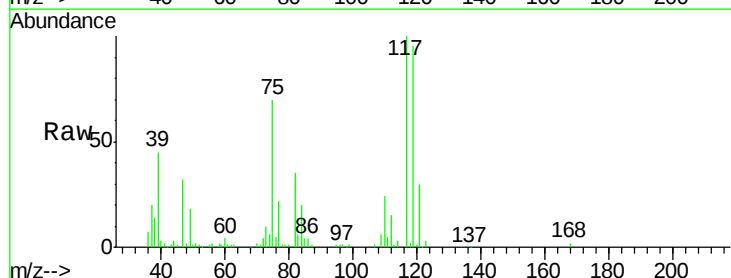
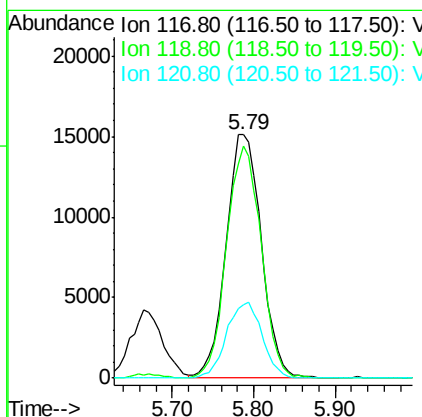
Manual Integrations
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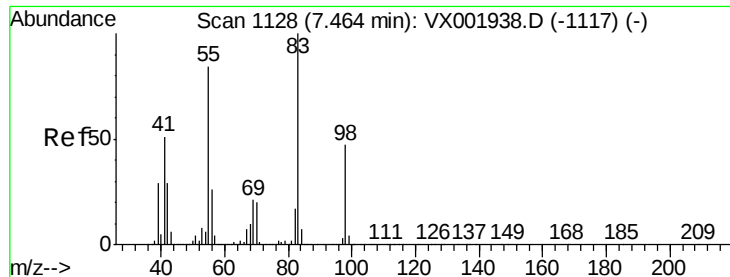
MMDadoda
6/1/2018 6:37:14 PM



#38
Carbon Tetrachloride
Concen: 15.470 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX002201.D
Acq: 01 Jun 2018 05:08

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.1	78.5	117.7
121	30.0	25.5	38.3





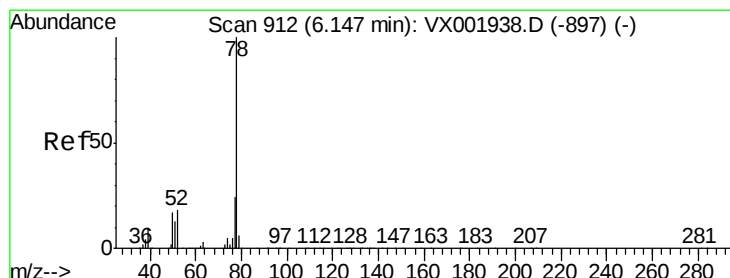
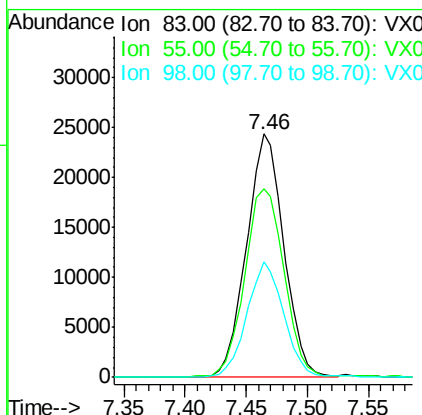
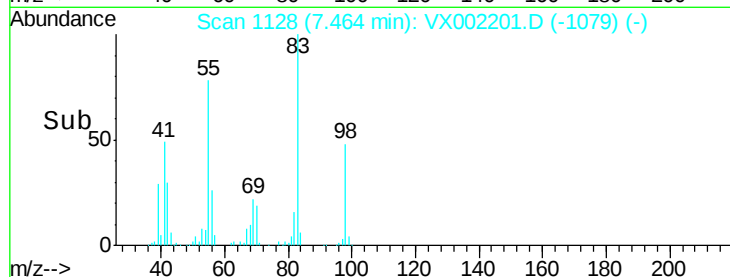
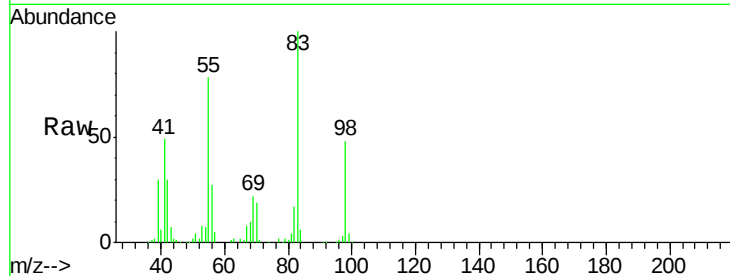
#39
Methvlcvclohexane
Concen: 16.833 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002201.D
Acq: 01 Jun 2018 05:08

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBSD04

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.7	67.3	100.9
98	47.6	37.5	56.3

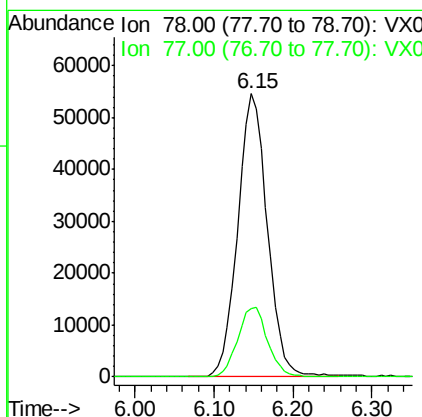
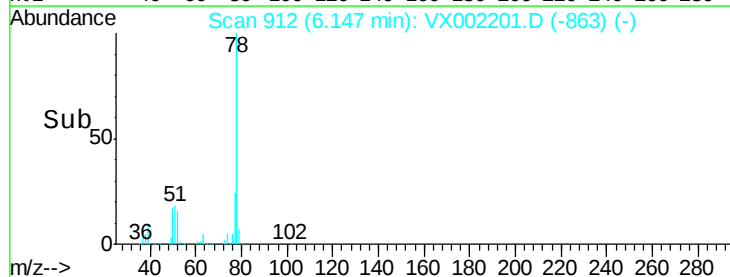
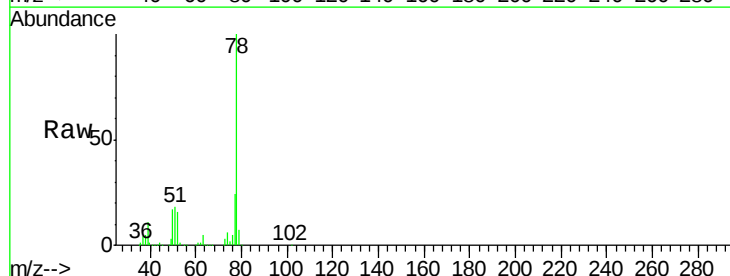
Manual Integrations
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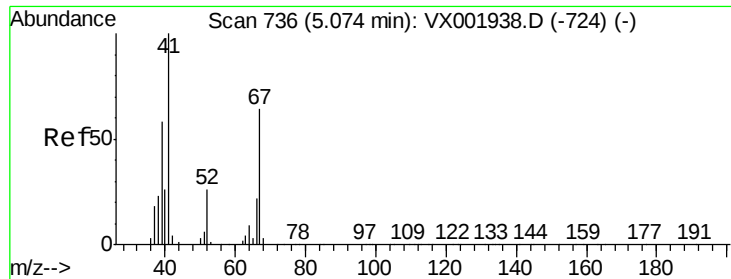
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#40
Benzene
Concen: 19.443 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002201.D
Acq: 01 Jun 2018 05:08

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.1	28.7





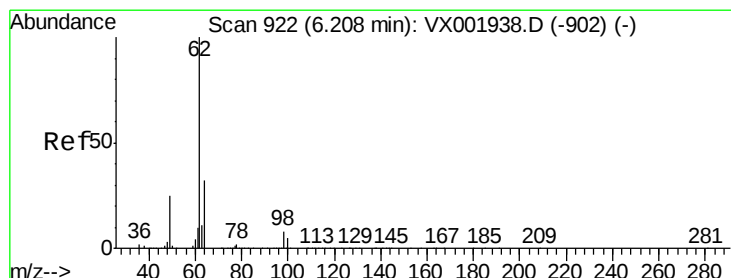
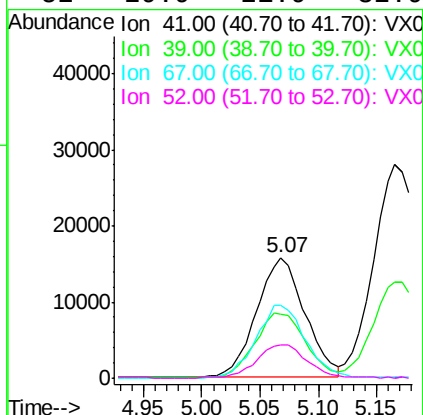
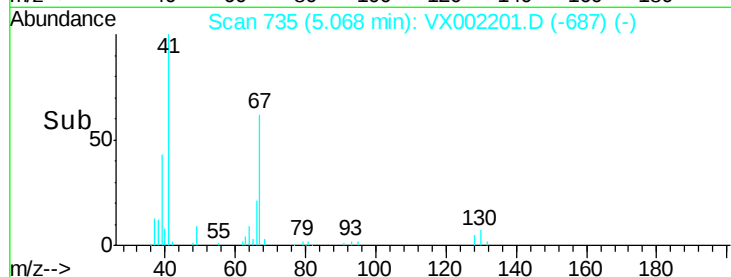
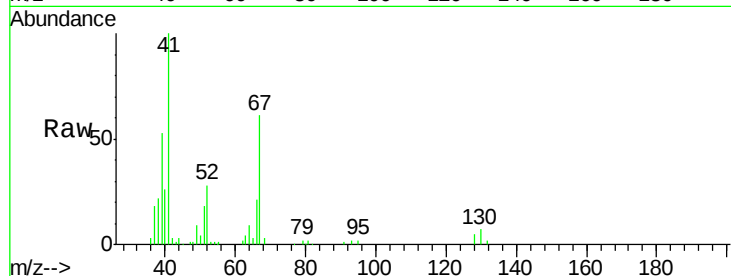
#41
Methacrylonitrile
Concen: 25.610 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX002201.D
Acq: 01 Jun 2018 05:08

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBSD04

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.8	46.0	69.0	
67	62.6	50.6	75.8	
52	29.9	21.9	32.9	

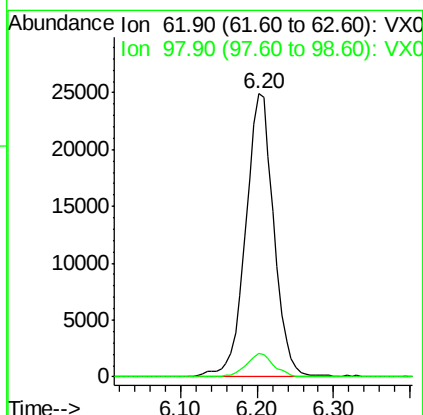
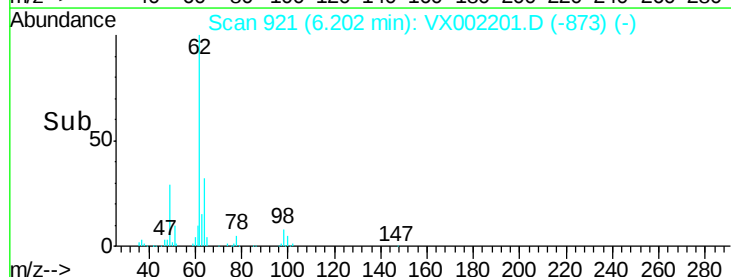
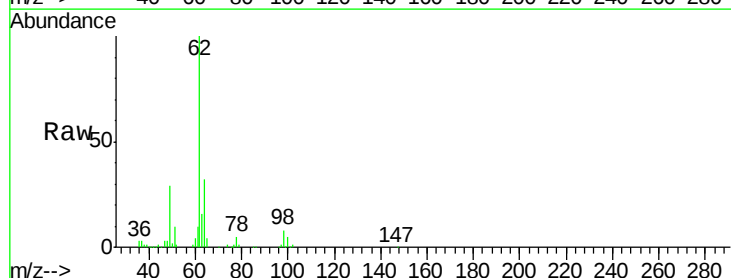
Manual Integrations
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6/1/2018 6:37:14 PM



#42
1,2-Dichloroethane
Concen: 21.586 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.01 min
Lab File: VX002201.D
Acq: 01 Jun 2018 05:08

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.1	0.0	17.0	





#43

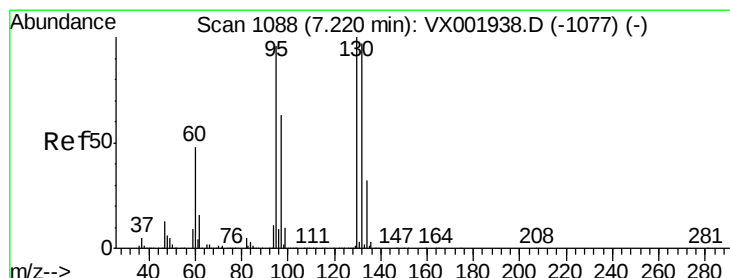
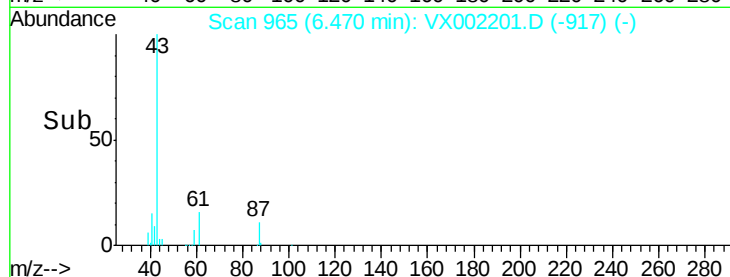
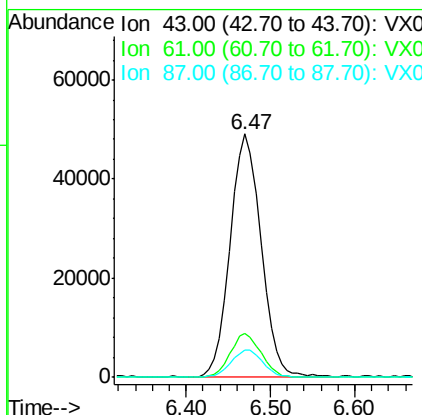
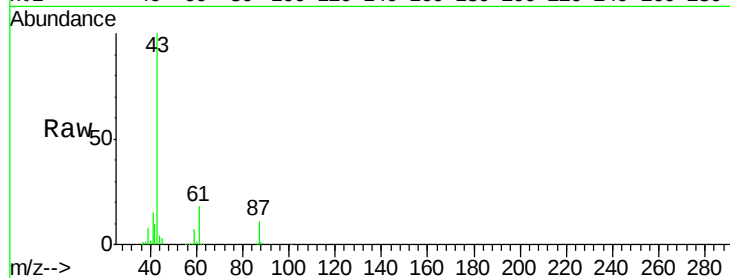
Isopropyl Acetate
 Concen: 22.276 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.01 min
 Lab File: VX002201.D
 Acq: 01 Jun 2018 05:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0531WBSD04

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.2	14.5	21.7
87	11.9	9.5	14.3

Manual Integrations
 APPROVED

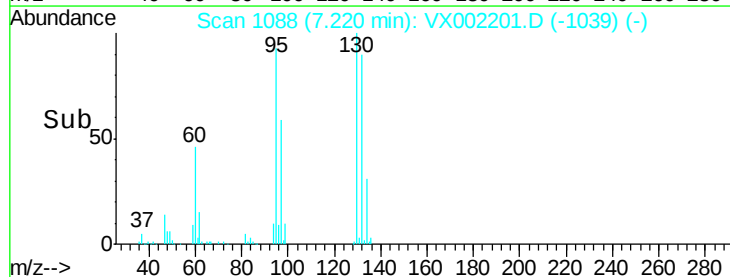
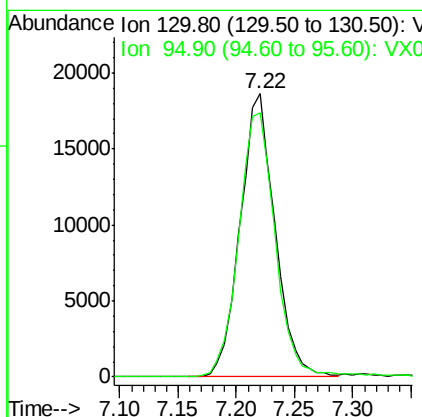
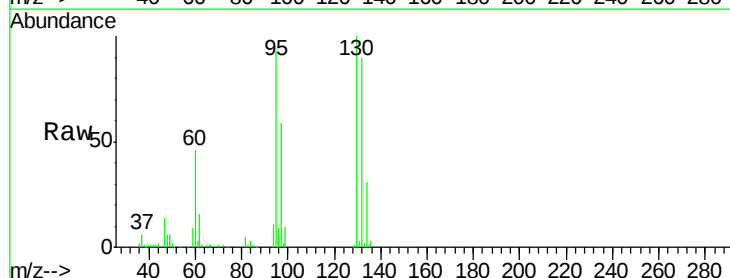
MMDadoda
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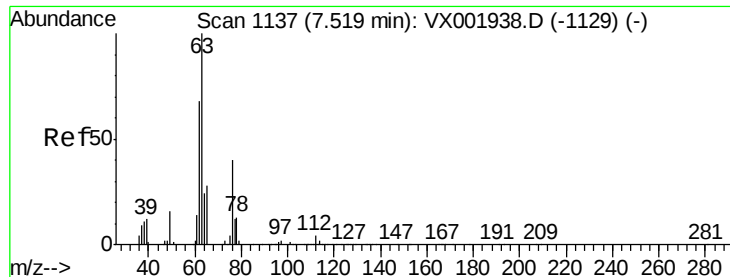


#44

Trichloroethene
 Concen: 18.139 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX002201.D
 Acq: 01 Jun 2018 05:08

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.4	0.0	192.0





#45

1,2-Dichloropropane

Concen: 19.812 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. 0.01 min

Lab File: VX002201.D

Acq: 01 Jun 2018 05:08

Instrument :

MSVOA_X

ClientSampleId :

VX0531WBSD04

Tot Ion: 63 Resp: 39513

Ion Ratio Lower Upper

63 100

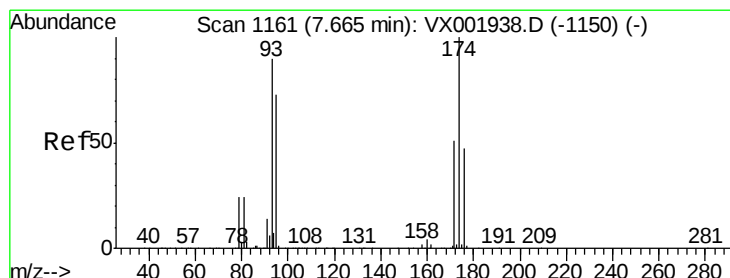
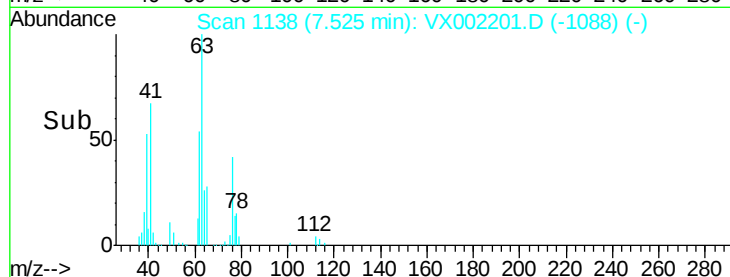
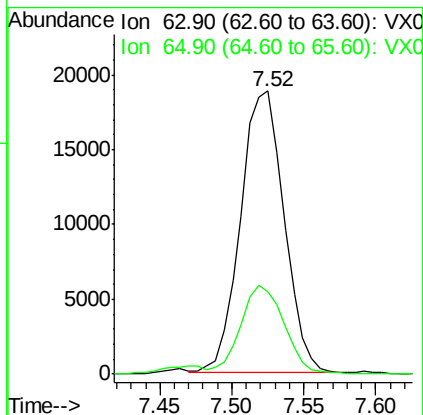
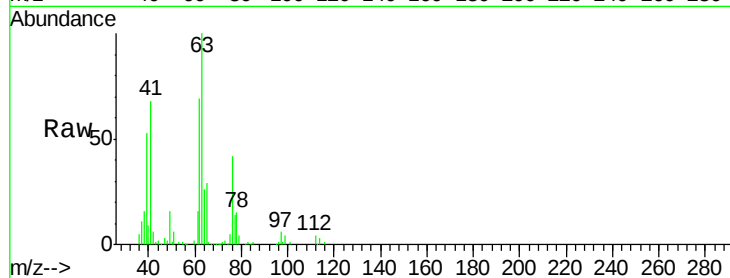
65 28.7 24.1 36.1

Manual Integrations

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#46

Dibromomethane

Concen: 21.791 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.00 min

Lab File: VX002201.D

Acq: 01 Jun 2018 05:08

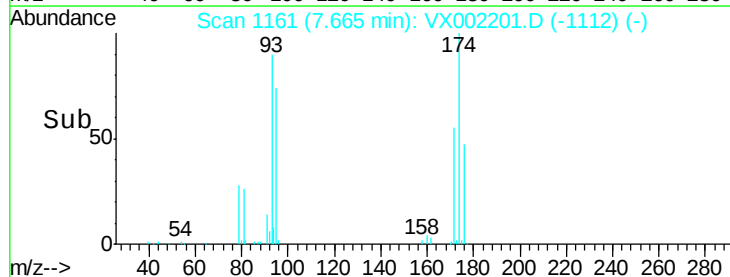
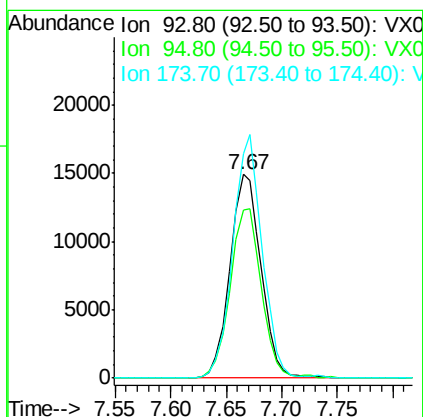
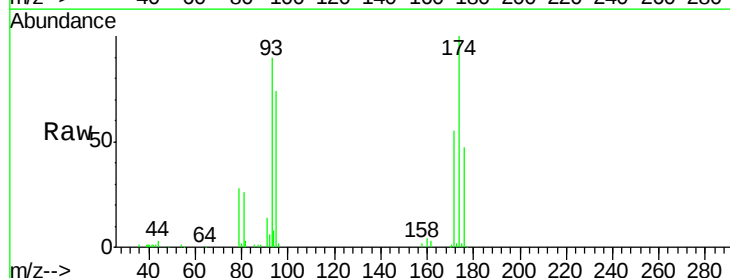
Tgt Ion: 93 Resp: 28774

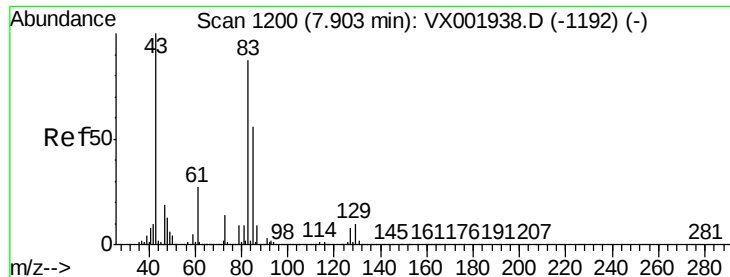
Ion Ratio Lower Upper

93 100

95 83.9 66.1 99.1

174 112.6 92.5 138.7





#47

Bromodichloromethane

Concen: 16.685 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002201.D

Acq: 01 Jun 2018 05:08

Instrument :

MSVOA_X

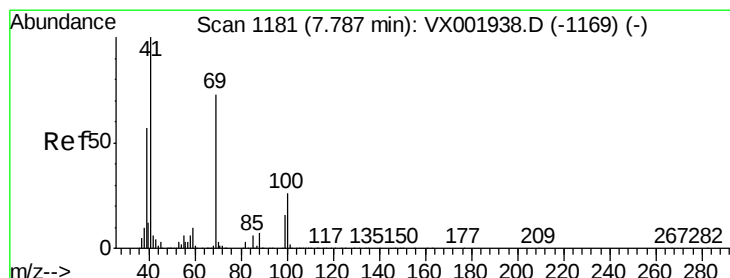
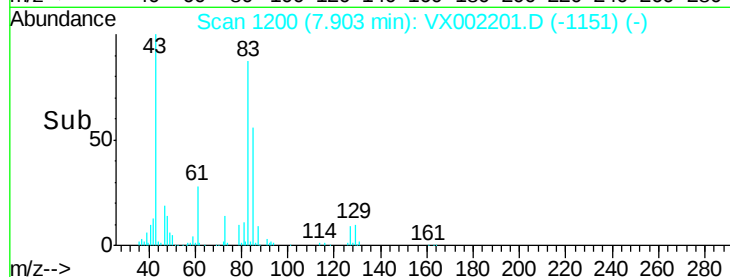
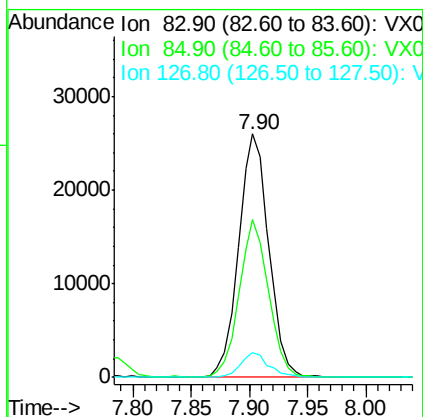
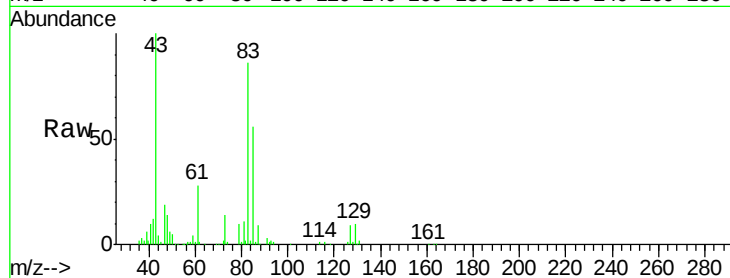
ClientSampleId :

VX0531WBSD04

Tot Ion:	83	Resp:	46977
Ion	Ratio	Lower	Upper
83	100		
85	65.0	51.4	77.2
127	10.0	7.1	10.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 22.504 ug/l

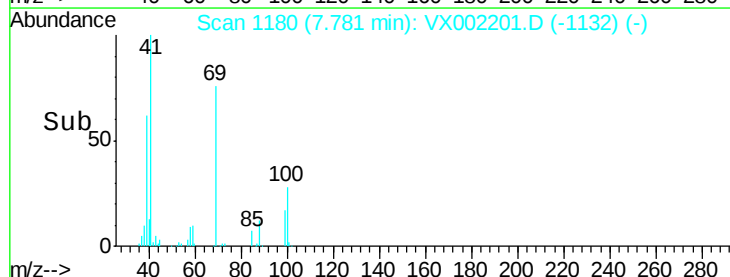
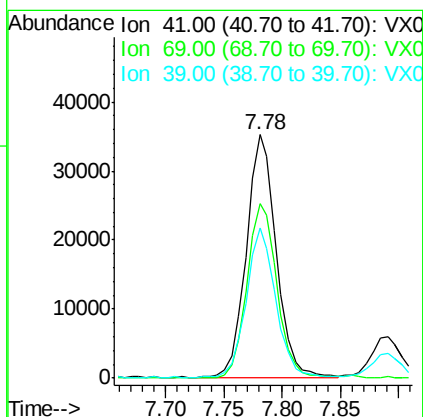
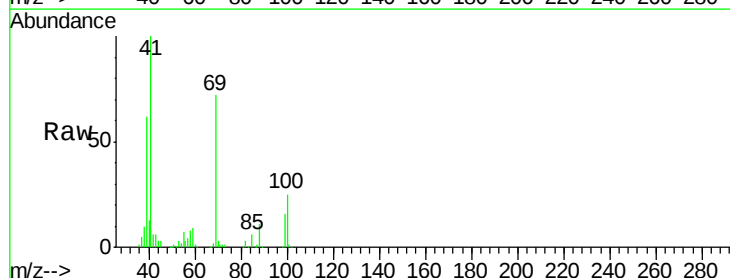
RT: 7.78 min Scan# 1180

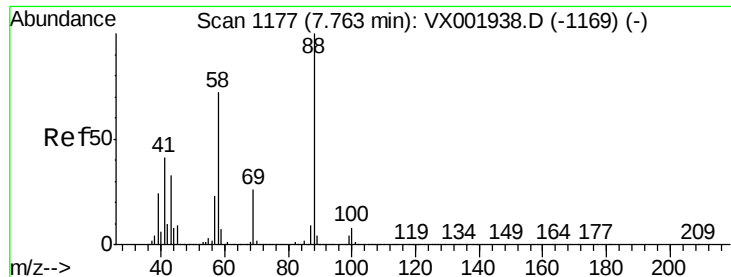
Delta R.T. -0.01 min

Lab File: VX002201.D

Acq: 01 Jun 2018 05:08

Tgt Ion:	41	Resp:	62370
Ion	Ratio	Lower	Upper
41	100		
69	73.0	58.6	87.8
39	61.0	46.3	69.5





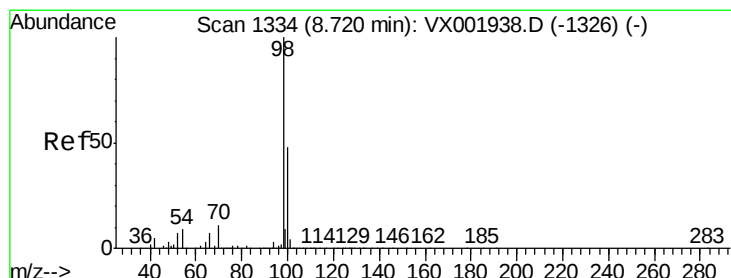
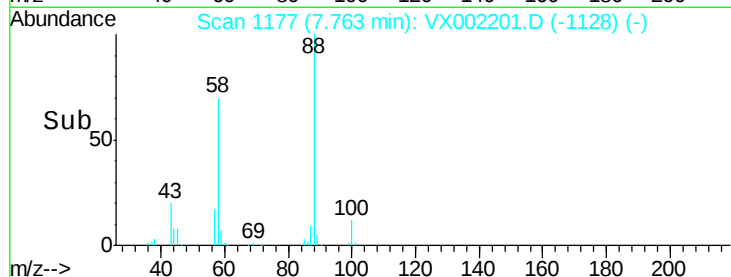
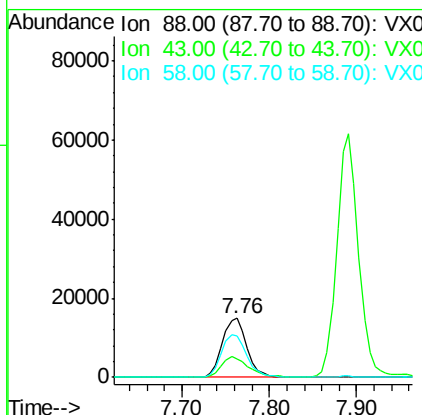
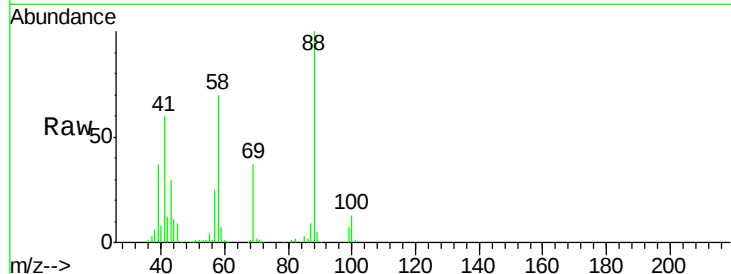
#49
1,4-Dioxane
Concen: 602.030 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VX002201.D
Acq: 01 Jun 2018 05:08

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBSD04

Tot Ion	Ratio	Lower	Upper
88	100		
43	37.2	29.8	44.8
58	75.1	58.7	88.1

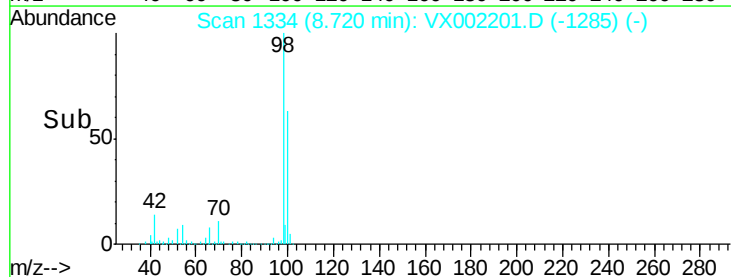
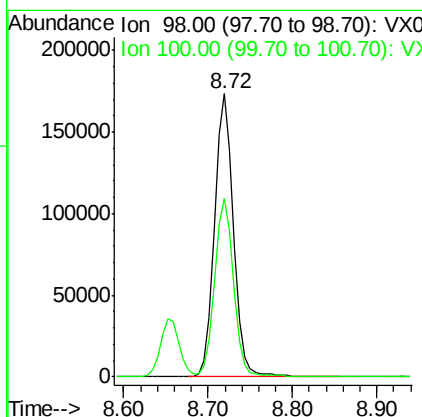
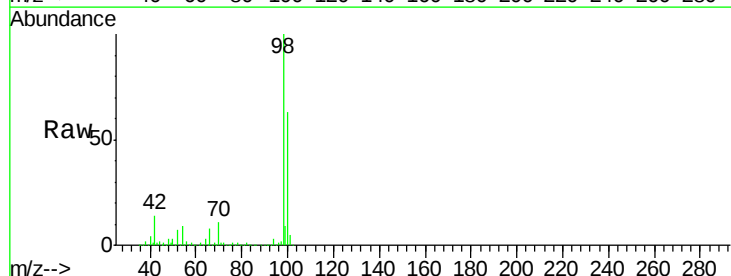
Manual Integrations
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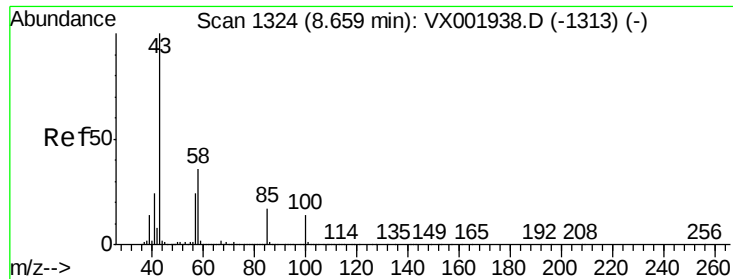
MMDadoda
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#50
Toluene-d8
Concen: 41.386 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002201.D
Acq: 01 Jun 2018 05:08

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.5	77.3





#51

4-Methyl-2-Pentanone

Concen: 131.451 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.01 min

Lab File: VX002201.D

Acq: 01 Jun 2018 05:08

Instrument :

MSVOA_X

ClientSampleId :

VX0531WBSD04

Tot Ion: 43 Resp: 431492

Ion Ratio Lower Upper

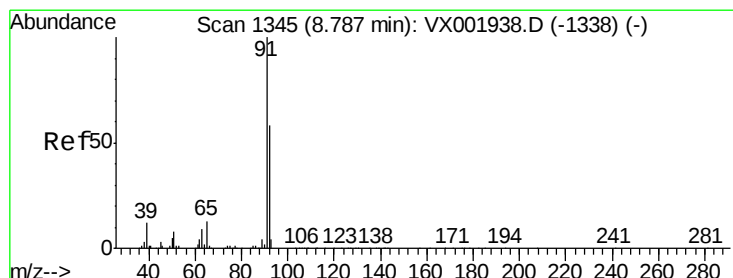
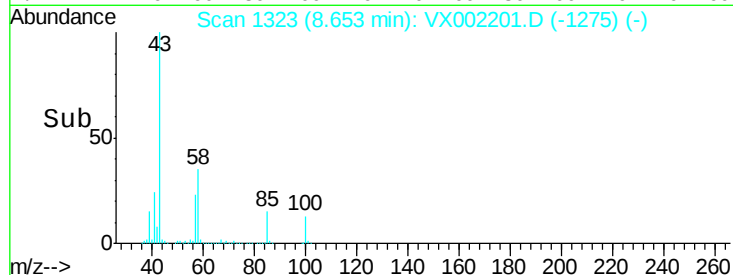
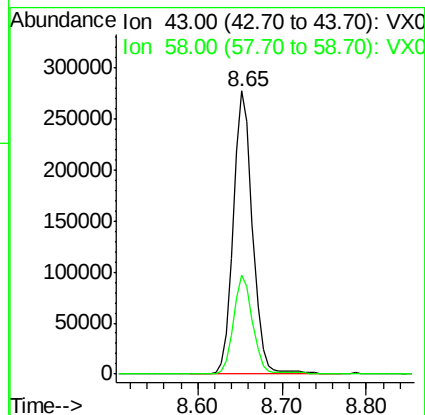
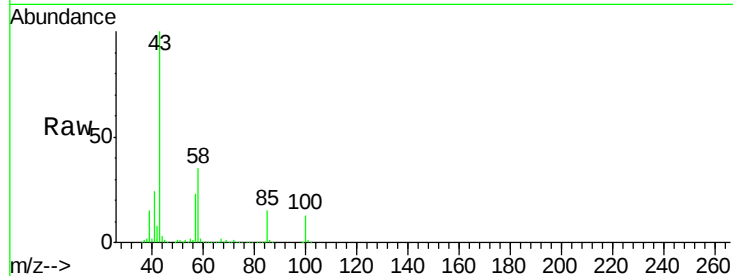
43 100

58 34.4 28.5 42.7

Manual Integrations
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#52

Toluene

Concen: 18.538 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002201.D

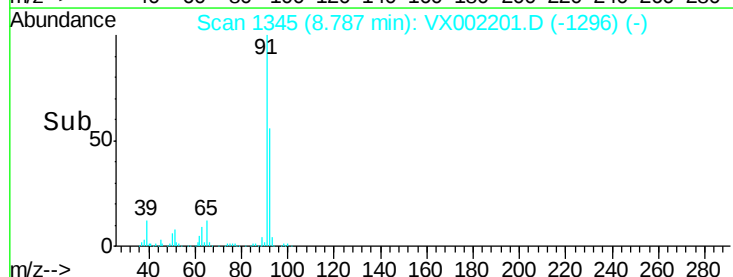
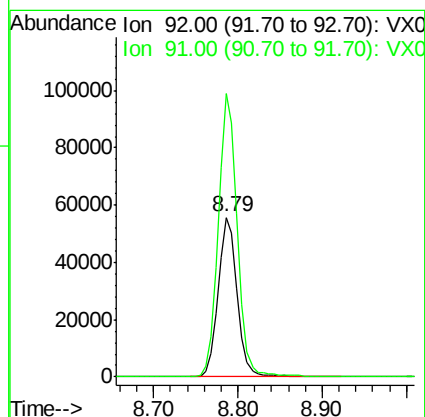
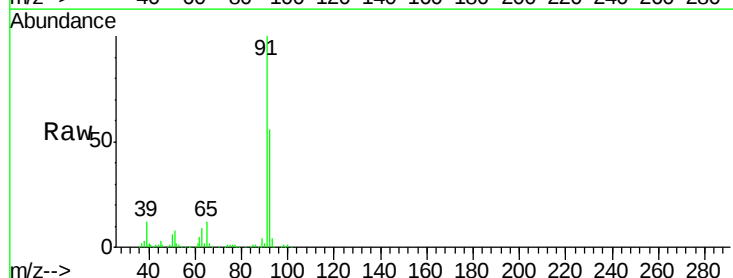
Acq: 01 Jun 2018 05:08

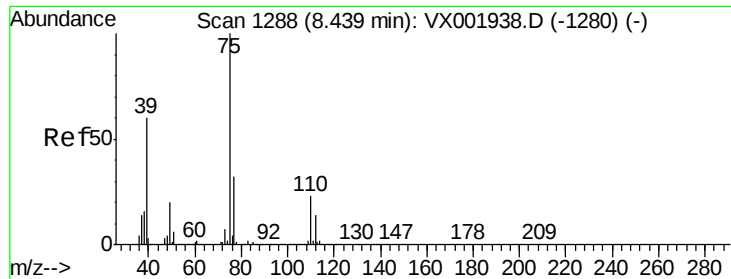
Tgt Ion: 92 Resp: 86640

Ion Ratio Lower Upper

92 100

91 178.2 139.4 209.2





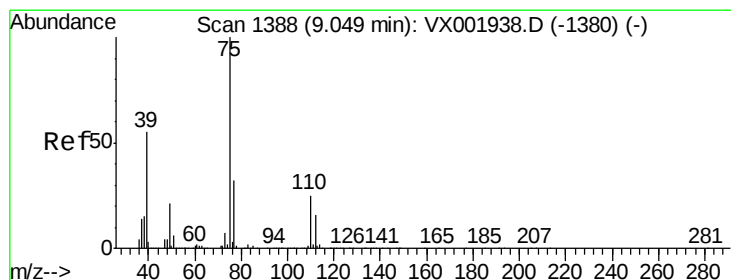
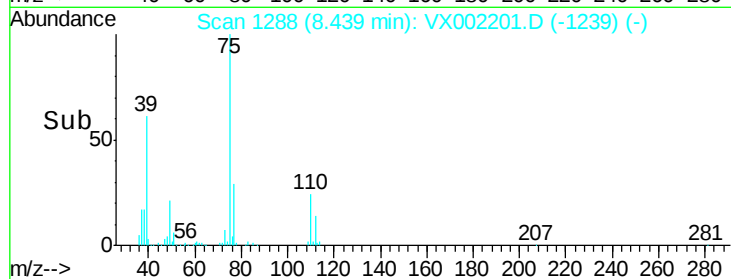
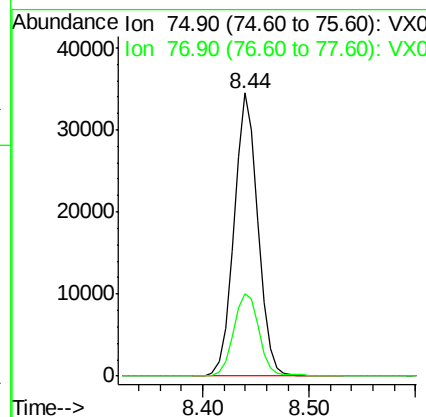
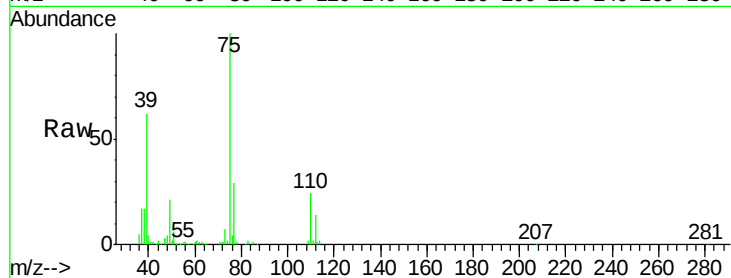
#53
t-1,3-Dichloropropene
Concen: 16.666 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VX002201.D
Acq: 01 Jun 2018 05:08

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBSD04

Tot Ion	Ratio	Lower	Upper
75	100		
77	29.0	25.5	38.3

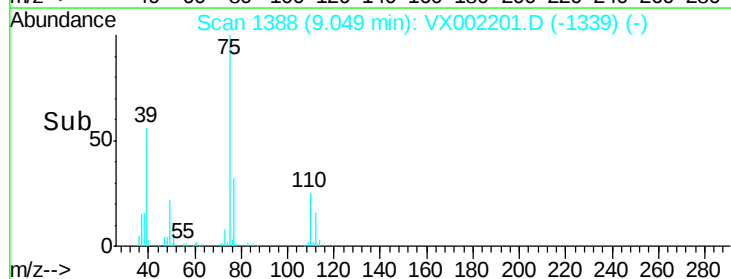
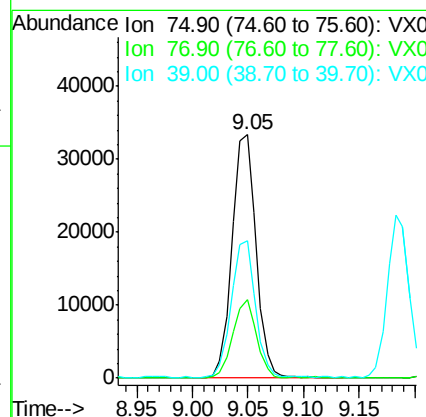
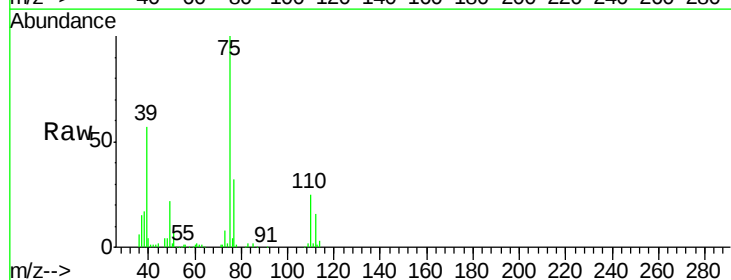
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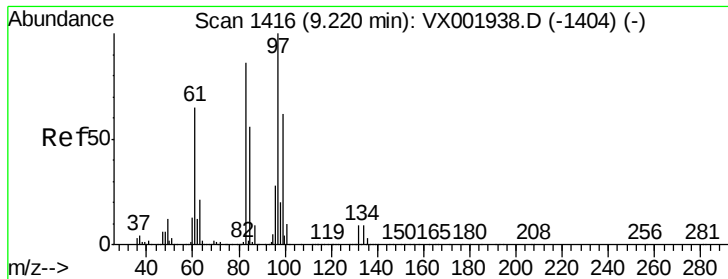
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#54
cis-1,3-Dichloropropene
Concen: 15.741 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VX002201.D
Acq: 01 Jun 2018 05:08

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.1	25.4	38.0
39	56.3	44.1	66.1





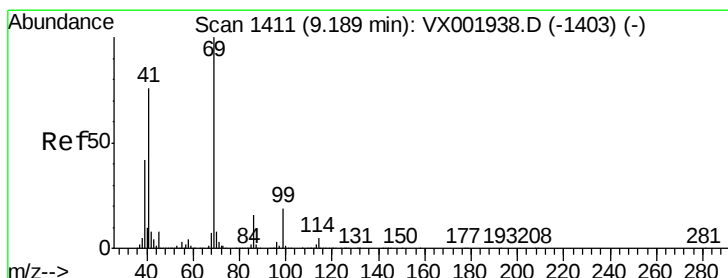
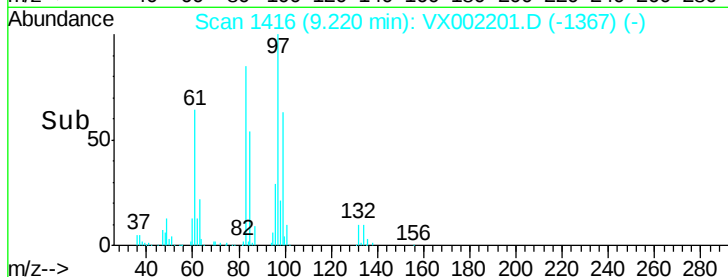
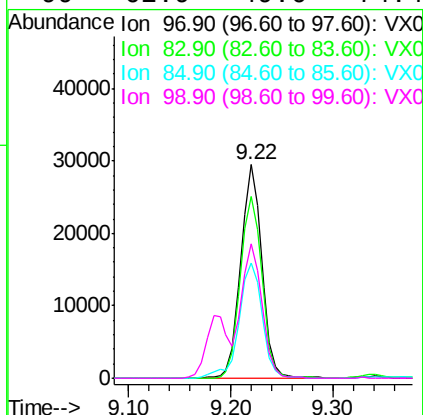
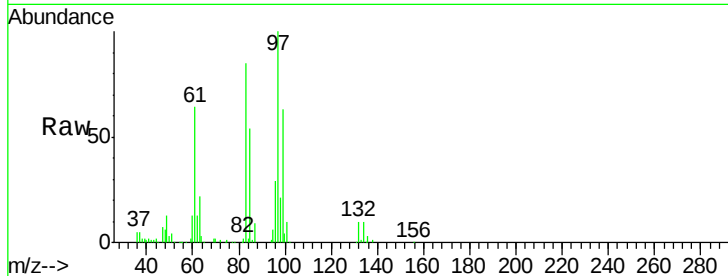
#55
 1,1,2-Trichloroethane
 Concen: 21.527 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002201.D
 Acq: 01 Jun 2018 05:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0531WBSD04

Tot Ion:	97	Resp:	42030
Ion	Ratio	Lower	Upper
97	100		
83	85.0	69.1	103.7
85	53.7	45.2	67.8
99	62.9	49.6	74.4

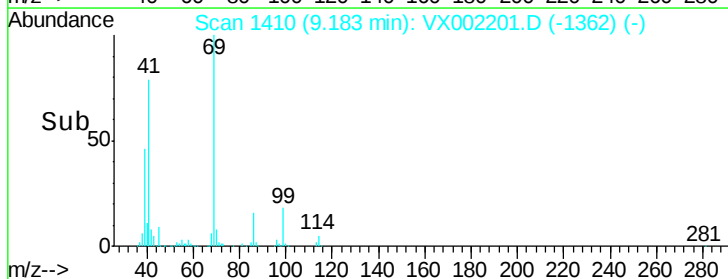
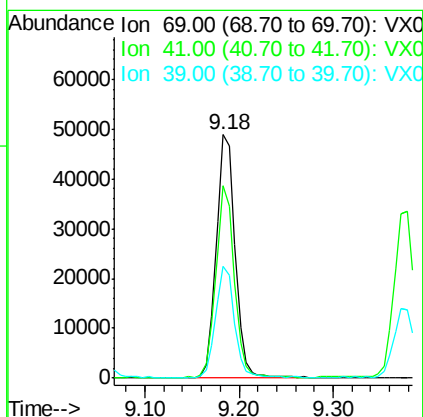
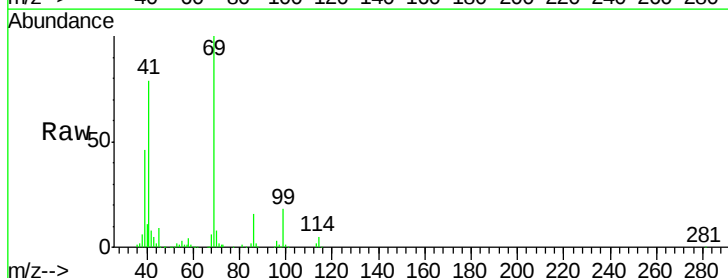
Manual Integrations
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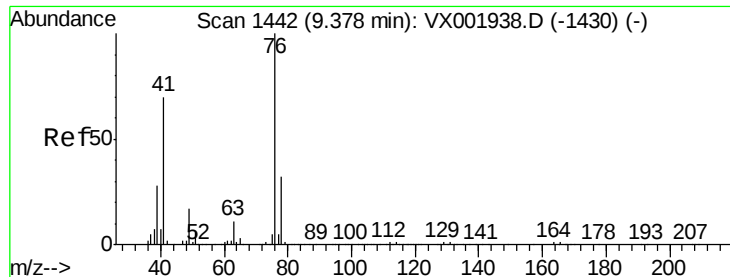
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#56
 Ethyl methacrylate
 Concen: 20.373 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.01 min
 Lab File: VX002201.D
 Acq: 01 Jun 2018 05:08

Tgt Ion:	69	Resp:	68418
Ion	Ratio	Lower	Upper
69	100		
41	76.8	61.0	91.6
39	45.1	34.4	51.6





#57

1,3-Dichloropropane

Concen: 21.939 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX002201.D

Acq: 01 Jun 2018 05:08

Instrument :

MSVOA_X

ClientSampleId :

VX0531WBSD04

Tot Ion: 76 Resp: 70565

Ion Ratio Lower Upper

76 100

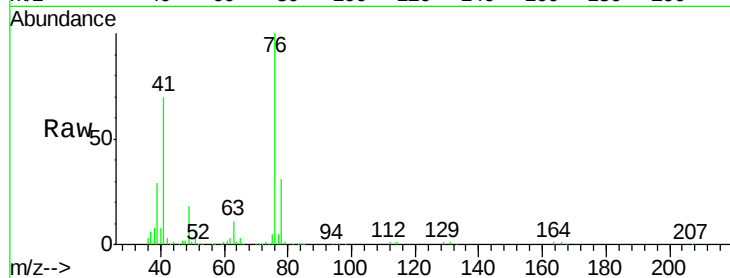
78 31.6 25.6 38.4

Manual Integrations

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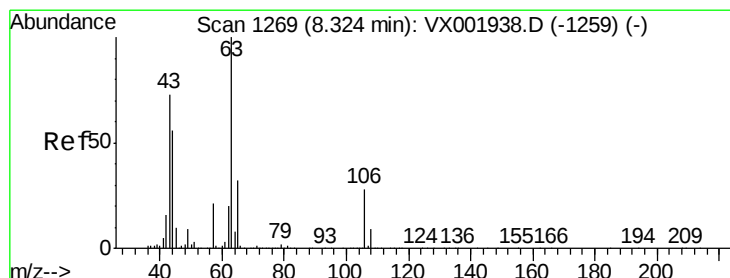
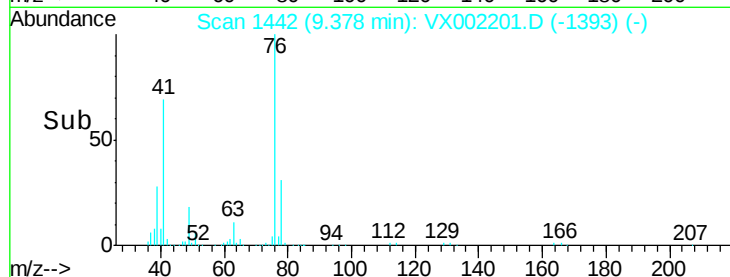
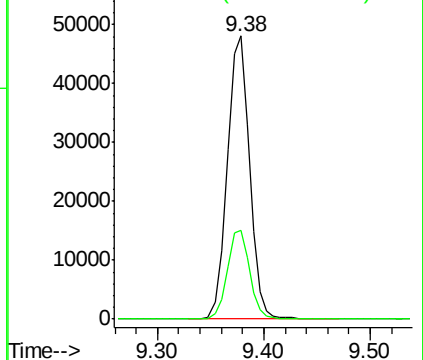
MMDadoda

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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: 26.919 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX002201.D

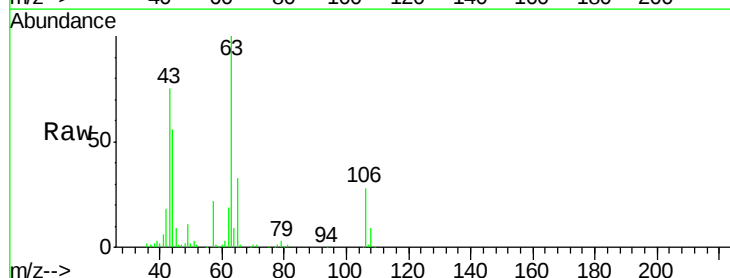
Acq: 01 Jun 2018 05:08

Tgt Ion: 63 Resp: 40069

Ion Ratio Lower Upper

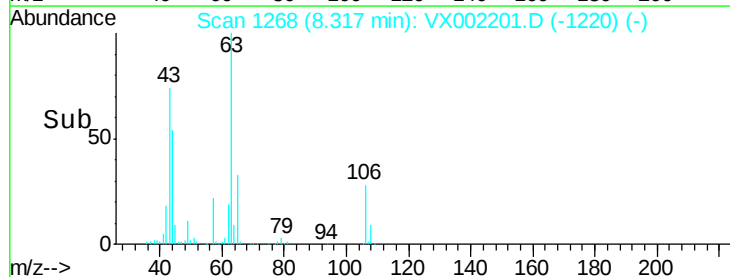
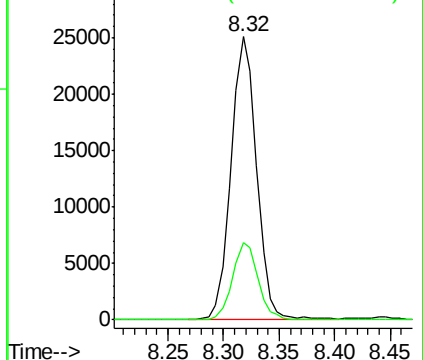
63 100

106 27.1 21.7 32.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





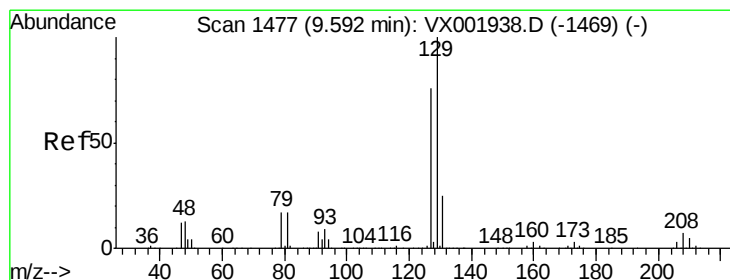
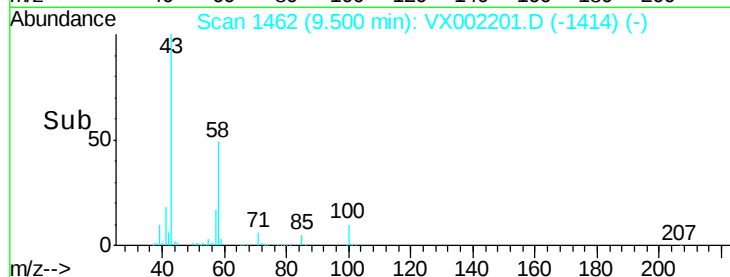
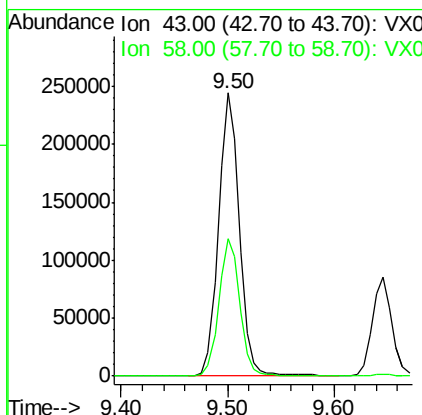
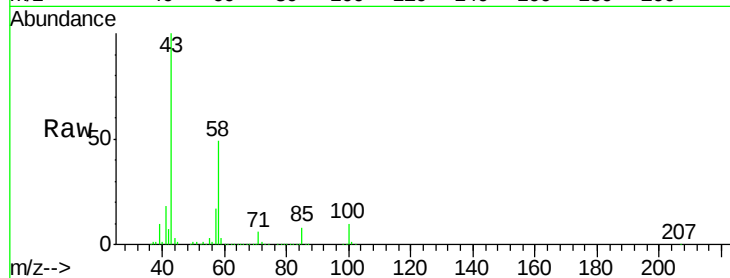
#59
2-Hexanone
Concen: 131.335 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX002201.D
Acq: 01 Jun 2018 05:08

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBSD04

Tot Ion: 43 Resp: 332417
Ion Ratio Lower Upper
43 100
58 49.0 24.9 74.6

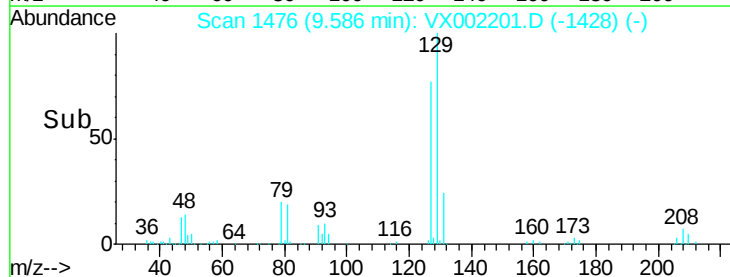
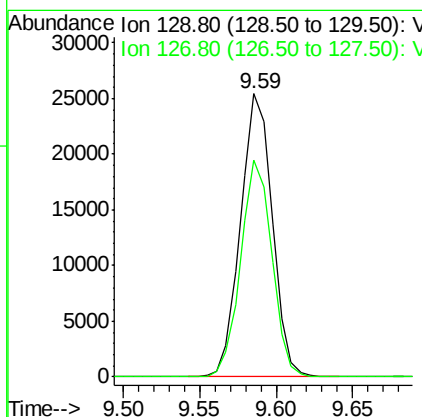
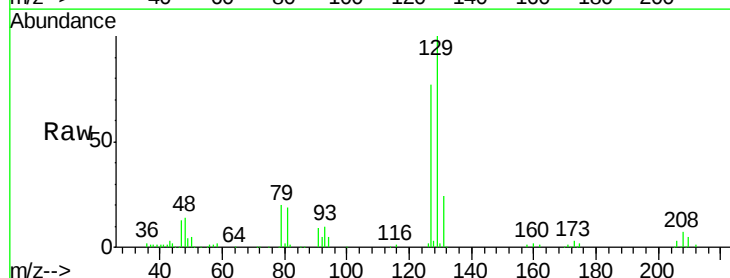
Manual Integrations
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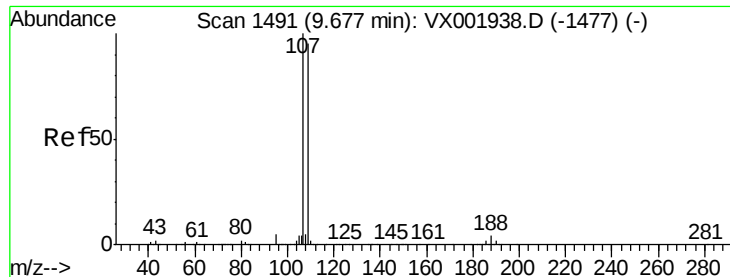
MMDadoda
6/1/2018 6:37:14 PM



#60
Dibromochloromethane
Concen: 15.843 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX002201.D
Acq: 01 Jun 2018 05:08

Tgt Ion: 129 Resp: 36638
Ion Ratio Lower Upper
129 100
127 75.2 38.3 114.9





#61

1,2-Dibromoethane

Concen: 21.308 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002201.D

Acq: 01 Jun 2018 05:08

Instrument :

MSVOA_X

ClientSampleId :

VX0531WBSD04

Tot Ion:107 Resp: 43655

Ion Ratio Lower Upper

107 100

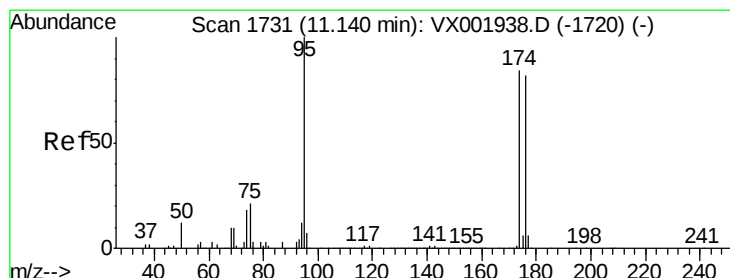
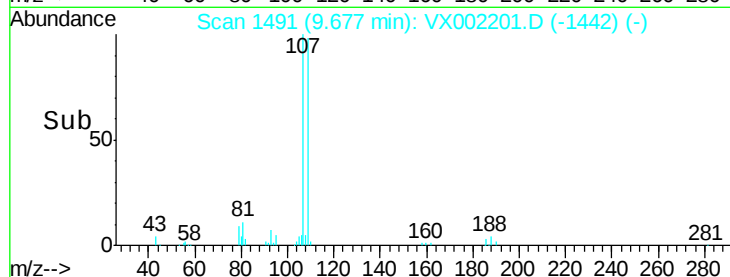
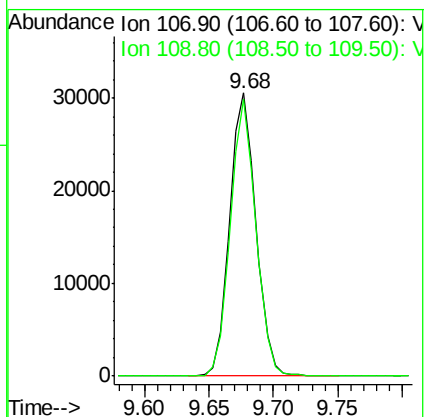
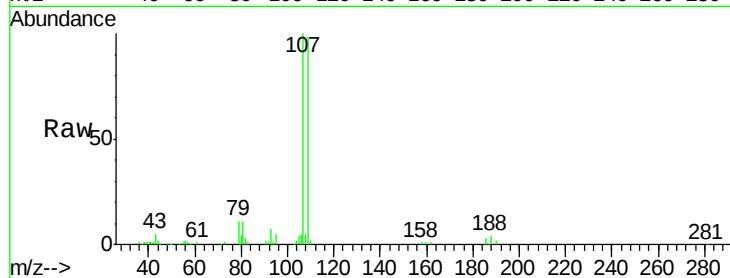
109 95.1 75.3 112.9

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 39.181 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002201.D

Acq: 01 Jun 2018 05:08

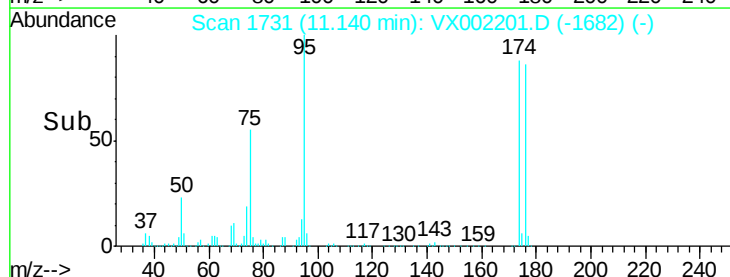
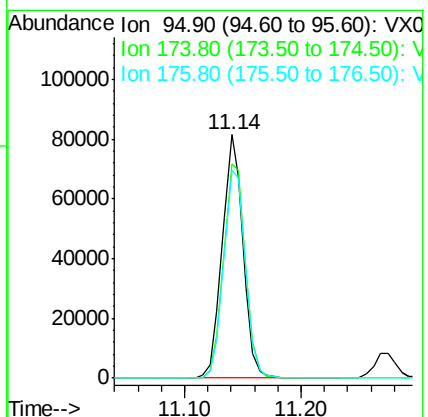
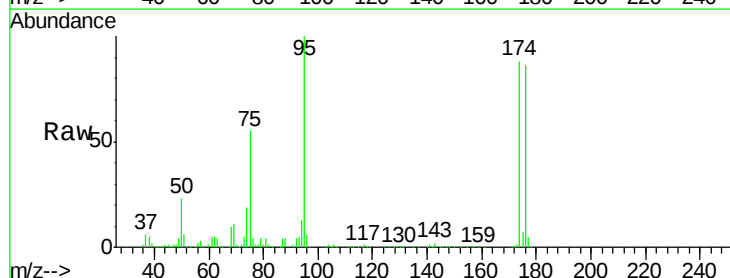
Tgt Ion: 95 Resp: 100019

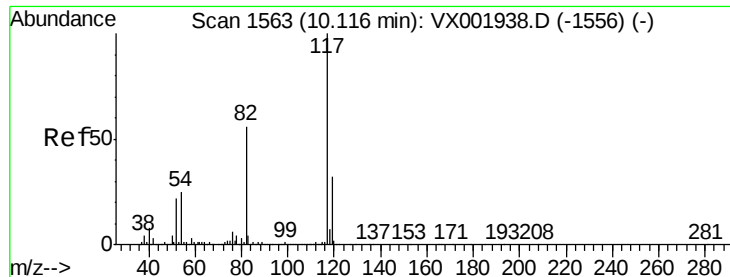
Ion Ratio Lower Upper

95 100

174 93.0 0.0 178.8

176 90.0 0.0 175.6





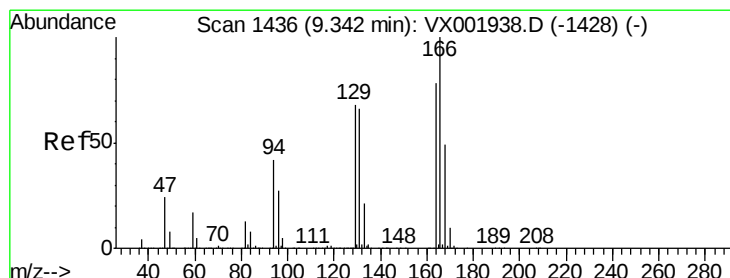
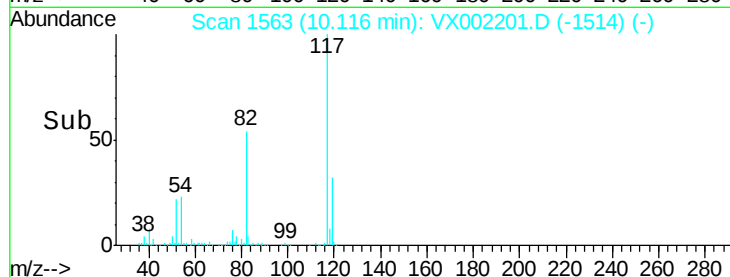
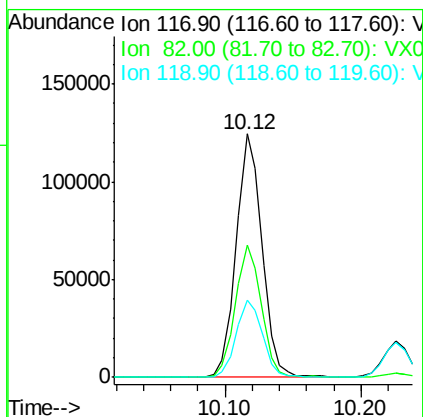
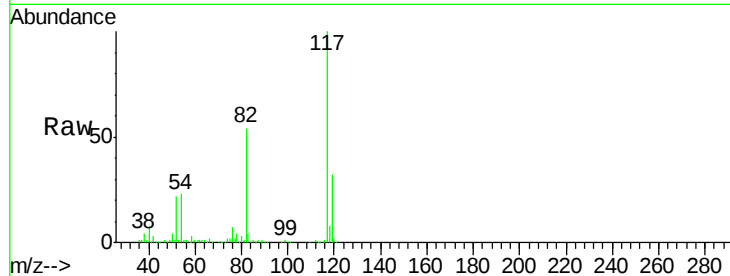
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002201.D
Acq: 01 Jun 2018 05:08

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBSD04

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.2	44.8	67.2
119	31.5	25.5	38.3

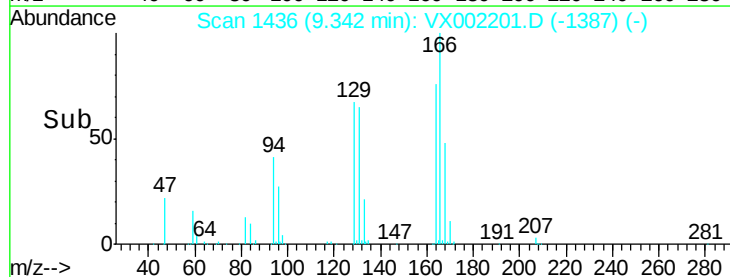
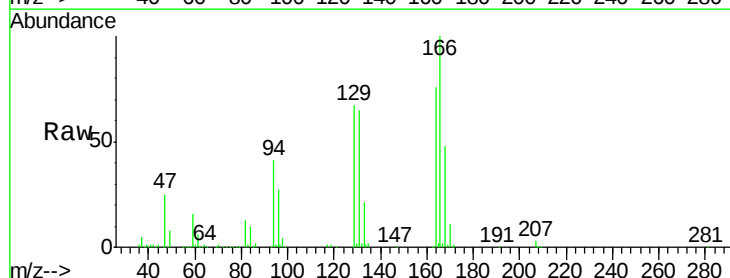
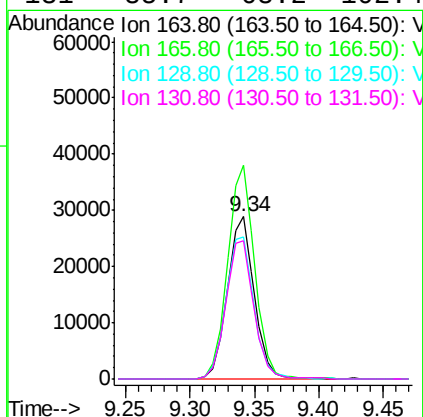
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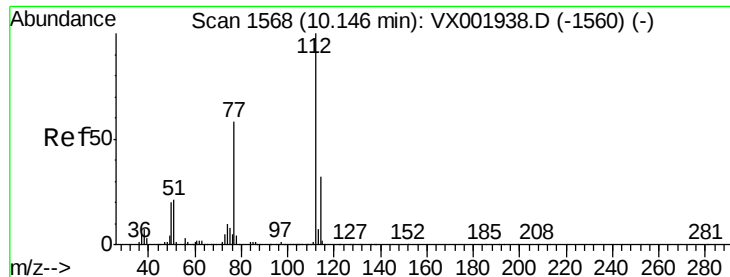
MMDadoda
6/1/2018 6:37:14 PM



#64
Tetrachloroethene
Concen: 17.956 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX002201.D
Acq: 01 Jun 2018 05:08

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.8	102.7	154.1
129	87.9	70.3	105.5
131	85.7	68.2	102.4





#65

Chlorobenzene

Concen: 19.203 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.01 min

Lab File: VX002201.D

Acq: 01 Jun 2018 05:08

Instrument :

MSVOA_X

ClientSampleId :

VX0531WBSD04

Tot Ion:112 Resp: 100296

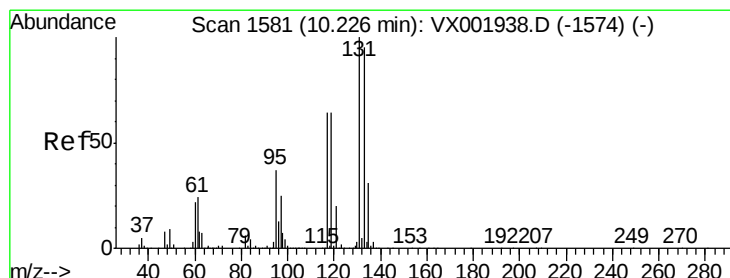
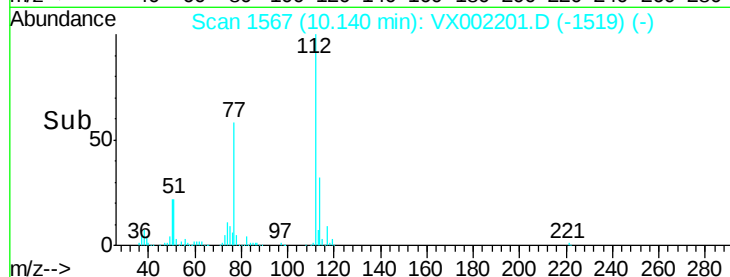
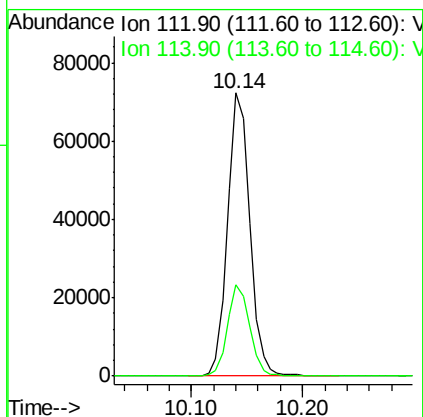
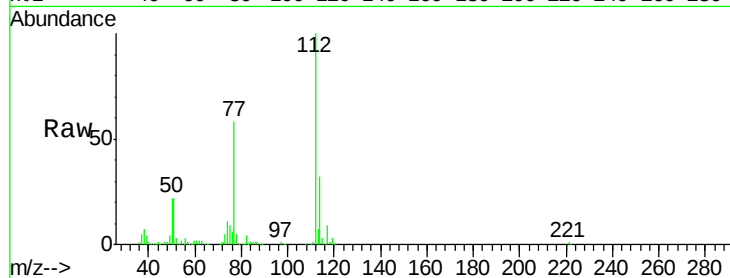
Ion Ratio Lower Upper

112 100

114 32.5 25.9 38.9

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 17.401 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX002201.D

Acq: 01 Jun 2018 05:08

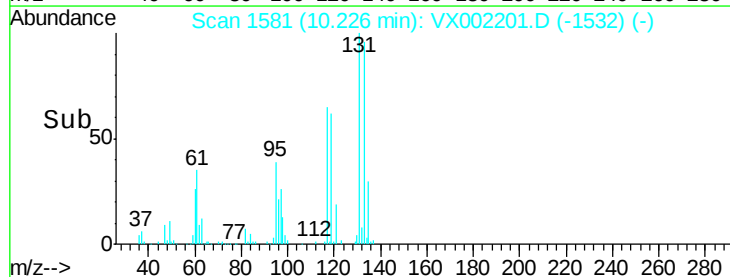
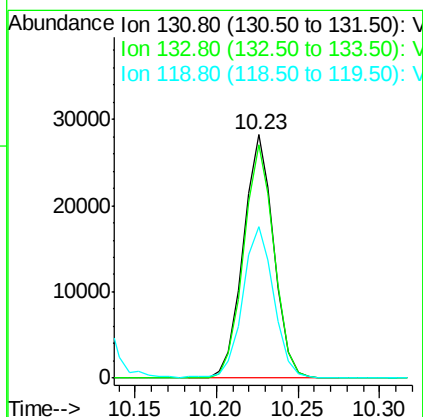
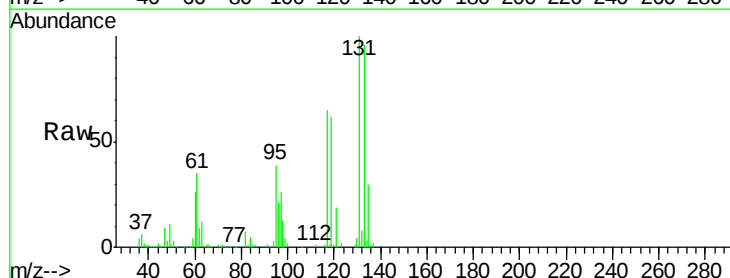
Tgt Ion:131 Resp: 36700

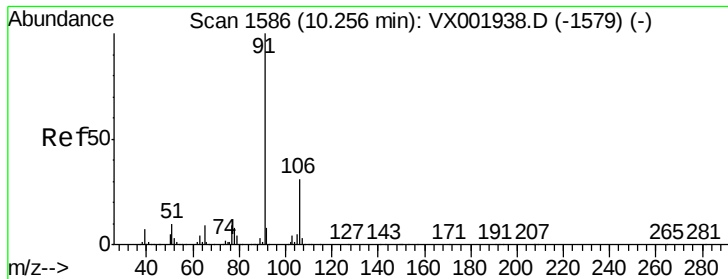
Ion Ratio Lower Upper

131 100

133 95.8 48.0 144.0

119 63.2 31.9 95.5





#67

Ethyl Benzene

Concen: 18.171 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX002201.D

Acq: 01 Jun 2018 05:08

Instrument :

MSVOA_X

ClientSampleId :

VX0531WBSD04

Tot Ion: 91 Resp: 164897

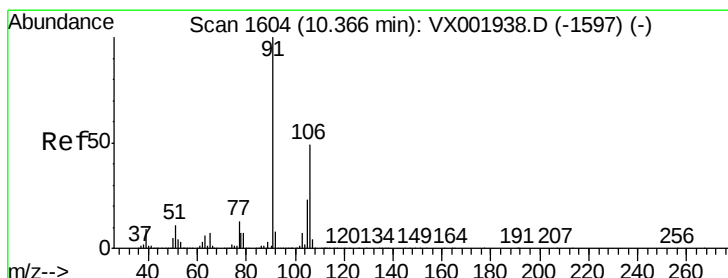
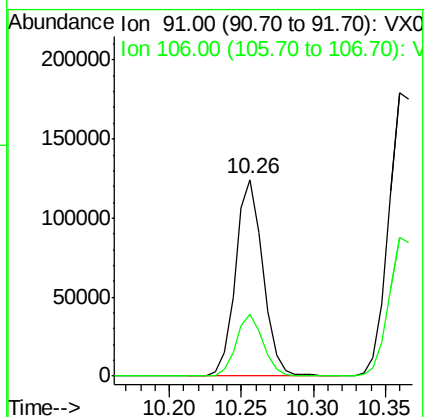
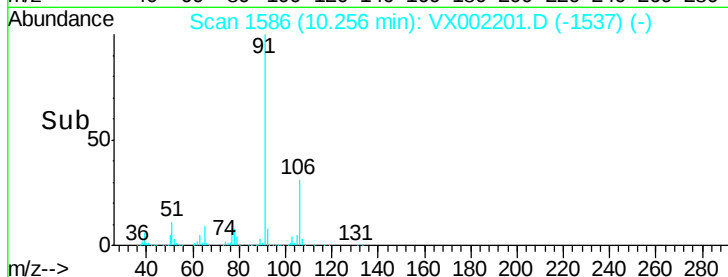
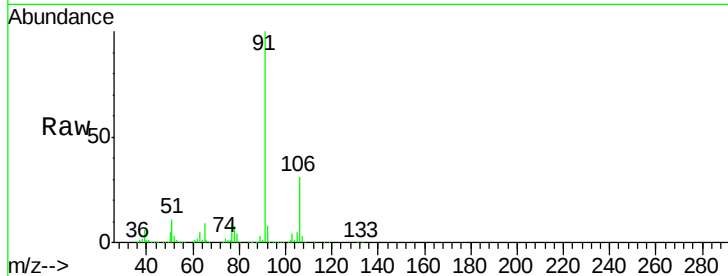
Ion Ratio Lower Upper

91 100

106 31.4 25.0 37.6

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#68

m/p-Xylenes

Concen: 35.700 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. -0.01 min

Lab File: VX002201.D

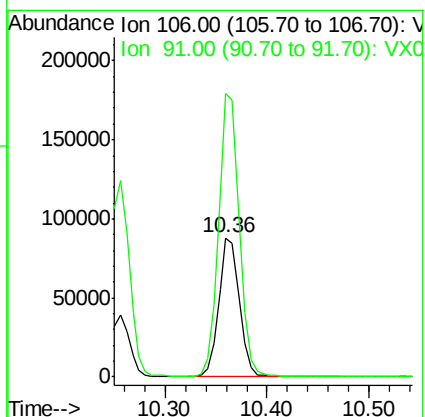
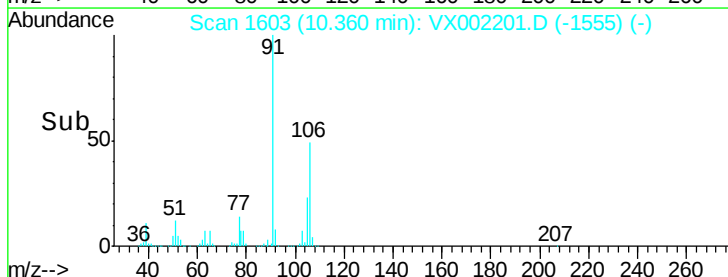
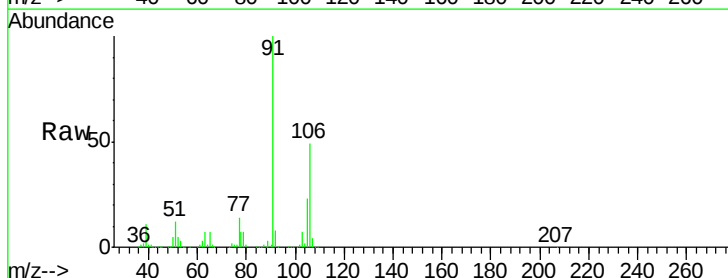
Acq: 01 Jun 2018 05:08

Tgt Ion: 106 Resp: 123841

Ion Ratio Lower Upper

106 100

91 205.4 165.0 247.6





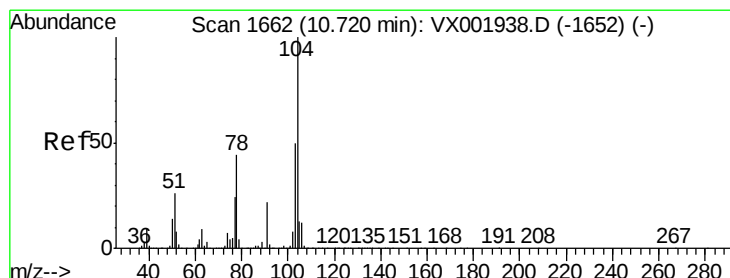
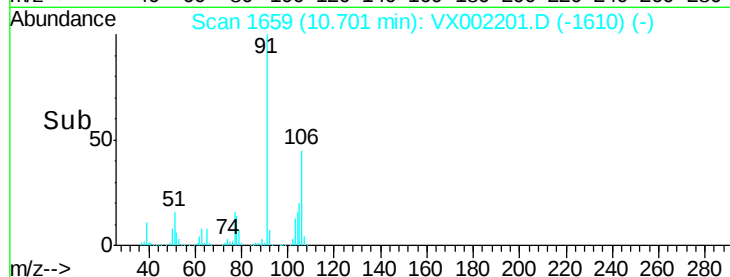
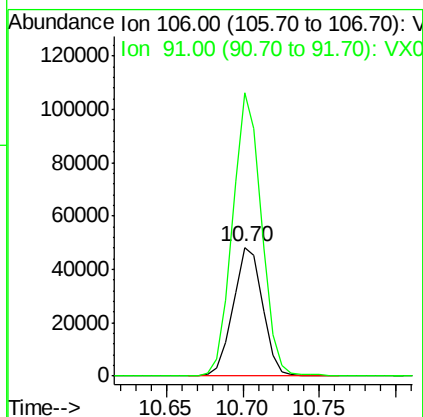
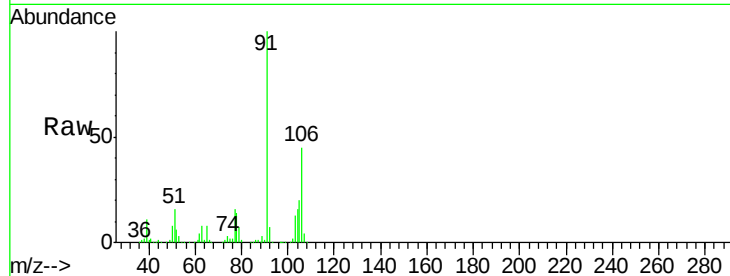
#69
o-Xylene
Concen: 18.589 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002201.D
Acq: 01 Jun 2018 05:08

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBSD04

Tot Ion:106 Resp: 64386
Ion Ratio Lower Upper
106 100
91 215.4 108.7 325.9

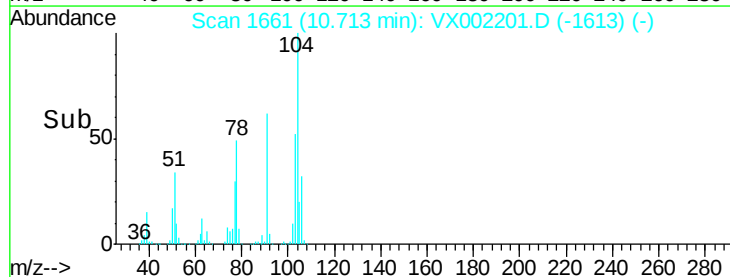
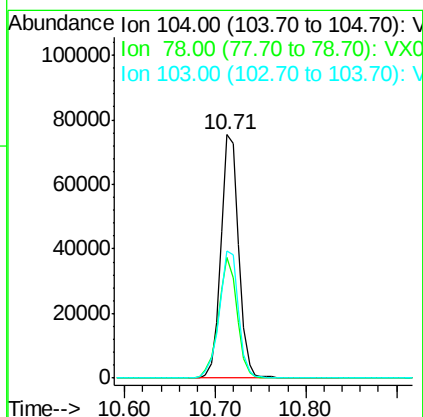
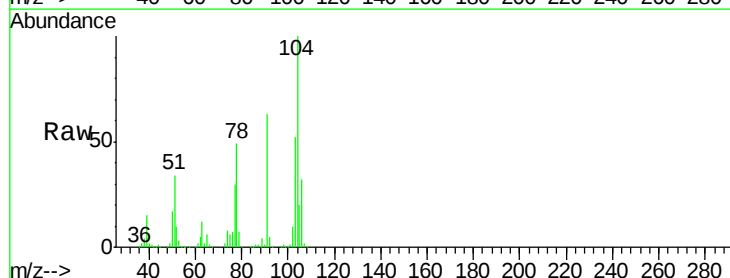
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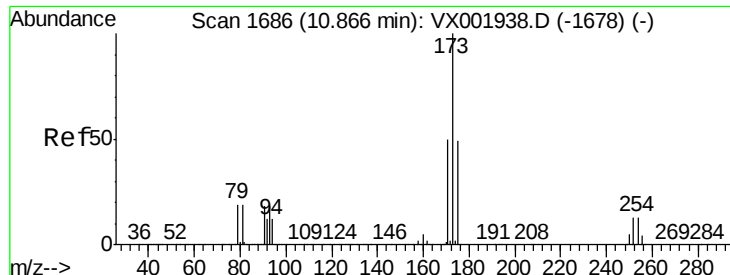
MMDadoda
6/1/2018 6:37:14 PM



#70
Styrene
Concen: 17.900 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.01 min
Lab File: VX002201.D
Acq: 01 Jun 2018 05:08

Tgt Ion:104 Resp: 102820
Ion Ratio Lower Upper
104 100
78 52.2 41.8 62.6
103 56.5 44.6 67.0





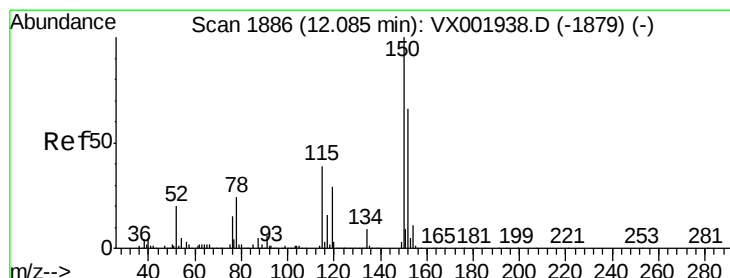
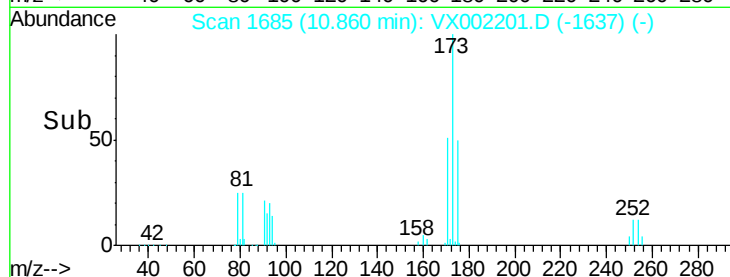
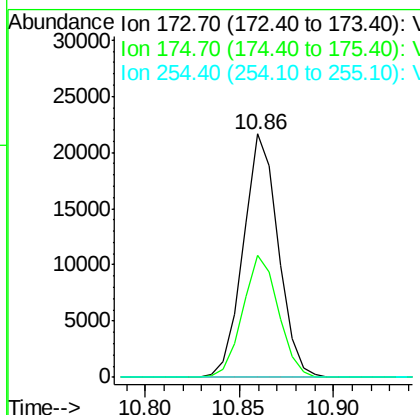
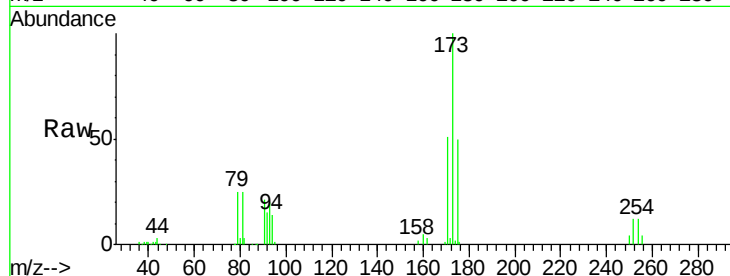
#71
Bromoform
Concen: 13.919 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VX002201.D
Acq: 01 Jun 2018 05:08

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBSD04

Tot Ion	Ratio	Lower	Upper
173	100		
175	50.8	24.3	72.9
254	0.0	0.1	0.1#

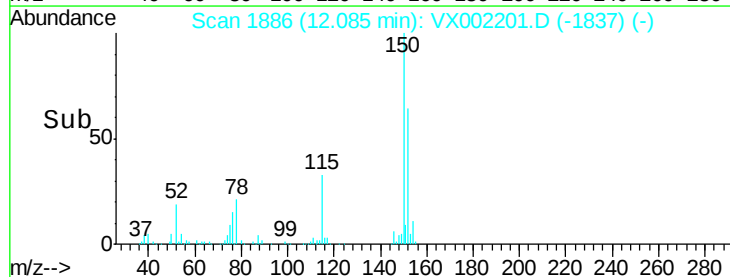
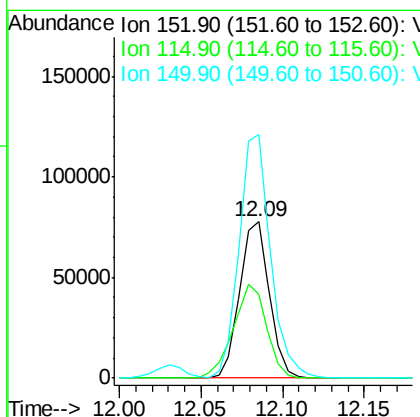
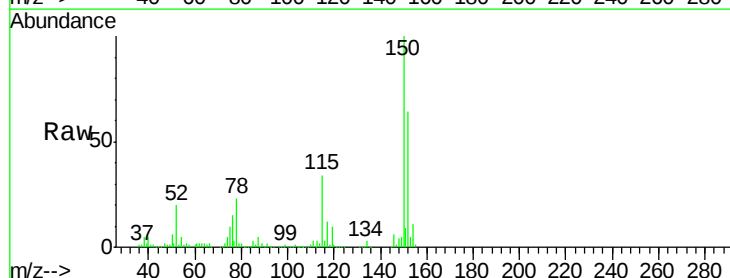
Manual Integrations
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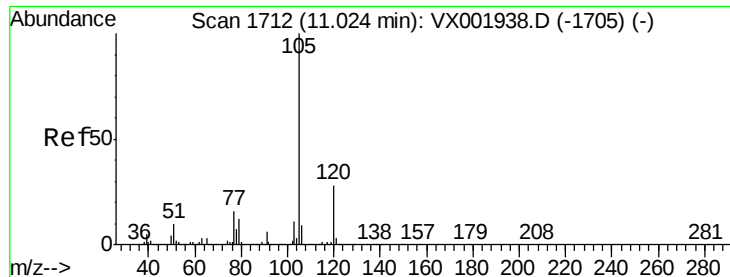
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002201.D
Acq: 01 Jun 2018 05:08

Tgt Ion	Ratio	Lower	Upper
152	100		
115	67.1	42.3	126.8
150	165.1	0.0	351.0





#73

Isopropylbenzene

Concen: 19.968 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002201.D

Acq: 01 Jun 2018 05:08

Instrument :

MSVOA_X

ClientSampleId :

VX0531WBSD04

Tot Ion:105 Resp: 166438

Ion Ratio Lower Upper

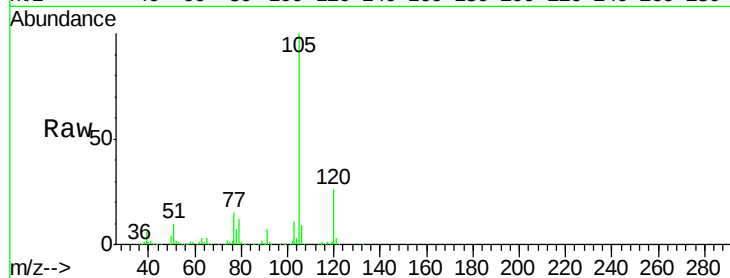
105 100

120 26.5 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

150000

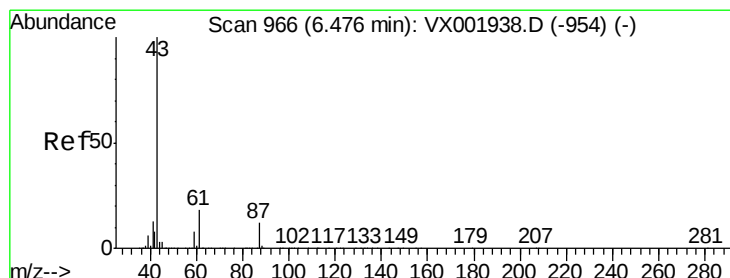
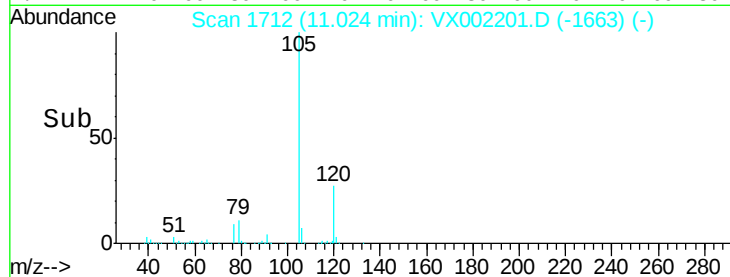
11.02

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 26.575 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX002201.D

Acq: 01 Jun 2018 05:08

Tgt Ion: 43 Resp: 121298

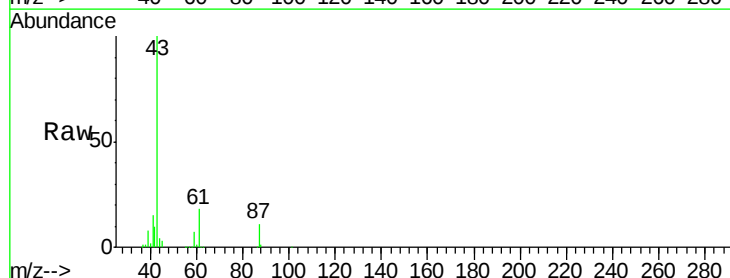
Ion Ratio Lower Upper

43 100

70 0.0 0.1 0.1#

55 0.2 0.1 0.1#

61 18.2 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

60000

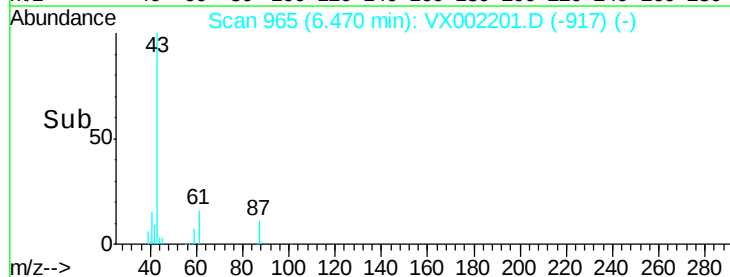
6.47

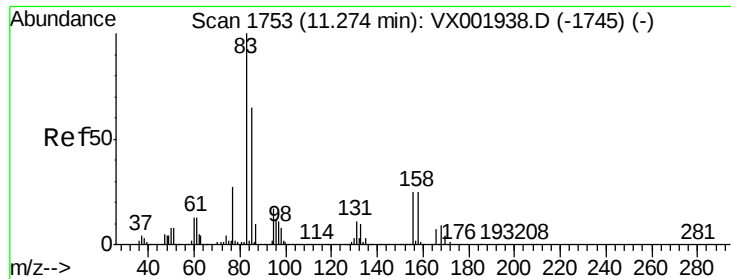
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 26.896 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX002201.D

Acq: 01 Jun 2018 05:08

Instrument :

MSVOA_X

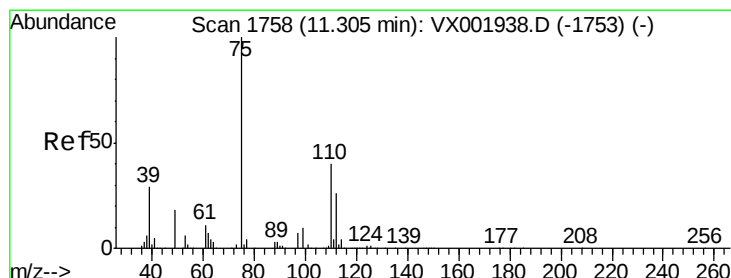
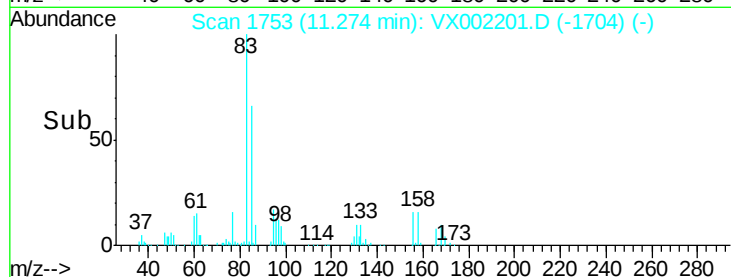
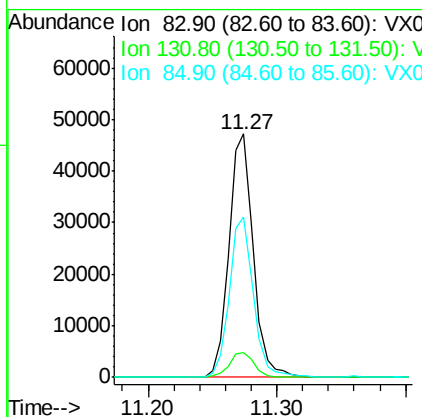
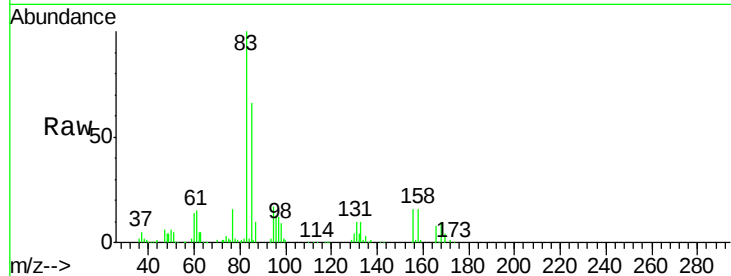
ClientSampleId :

VX0531WBSD04

Tot Ion:	83	Resp:	62647
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.7	17.0
85	65.2	32.6	97.7

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 21.502 ug/l m

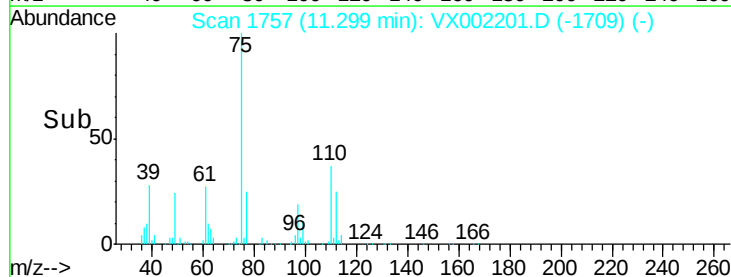
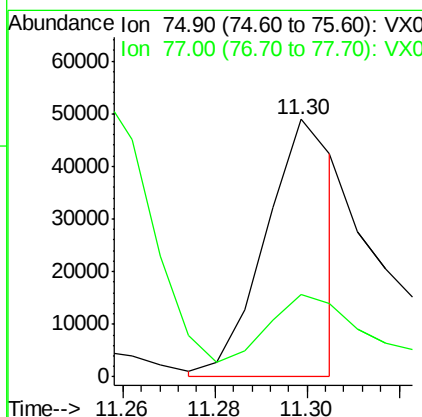
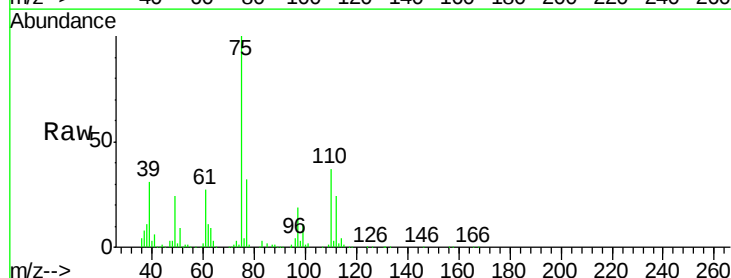
RT: 11.30 min Scan# 1757

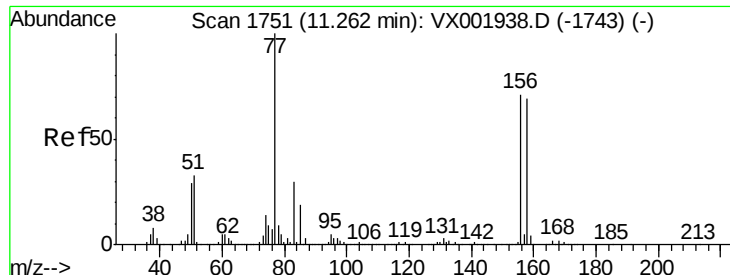
Delta R.T. -0.01 min

Lab File: VX002201.D

Acq: 01 Jun 2018 05:08

Tgt Ion:	75	Resp:	50836
Ion Ratio	Lower	Upper	
75	100		
77	50.1	22.8	68.3





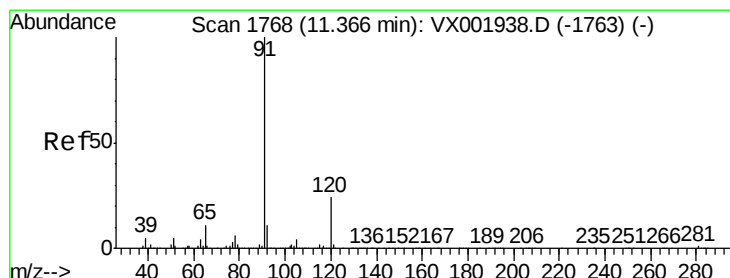
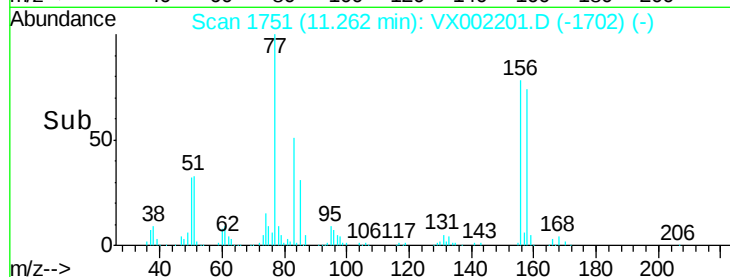
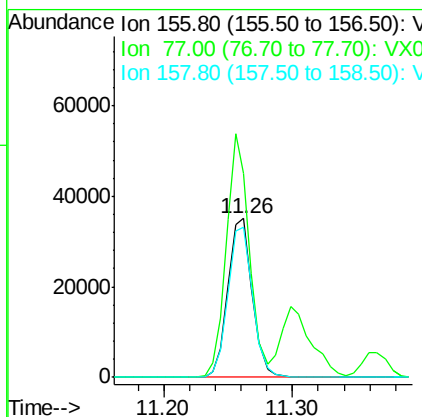
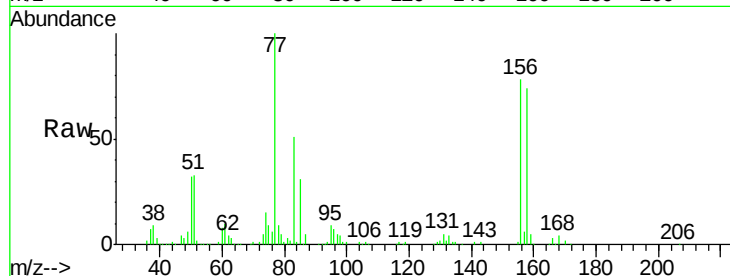
#77
Bromobenzene
Concen: 21.182 ug/l
RT: 11.26 min Scan# 1751
Delta R.T. -0.00 min
Lab File: VX002201.D
Acq: 01 Jun 2018 05:08

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBSD04

Tot Ion	Ratio	Lower	Upper
156	100		
77	143.7	75.2	225.6
158	96.0	48.6	145.8

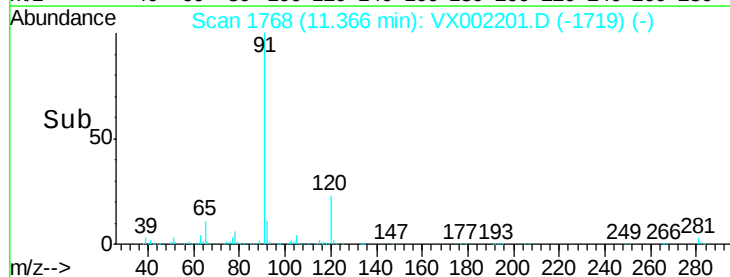
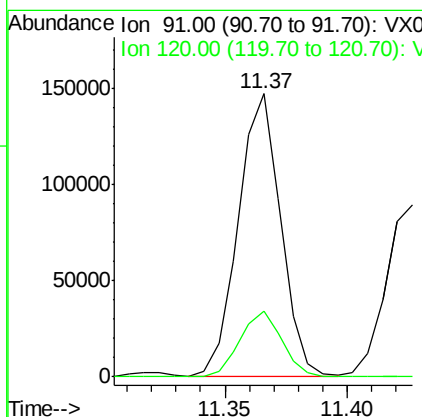
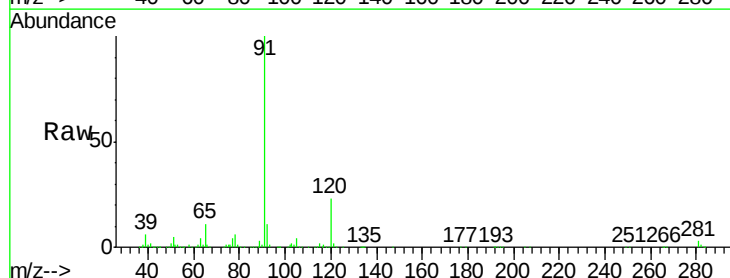
Manual Integrations
APPROVED

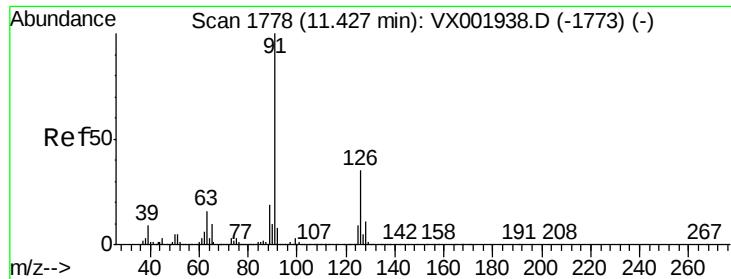
MMDadoda
6/1/2018 6:37:14 PM



#78
n-propylbenzene
Concen: 18.885 ug/l
RT: 11.37 min Scan# 1768
Delta R.T. -0.00 min
Lab File: VX002201.D
Acq: 01 Jun 2018 05:08

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.3	11.9	35.7





#79

2-Chlorotoluene

Concen: 20.448 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX002201.D

Acq: 01 Jun 2018 05:08

Instrument :

MSVOA_X

ClientSampleId :

VX0531WBSD04

Tot Ion: 91 Resp: 111692

Ion Ratio Lower Upper

91 100

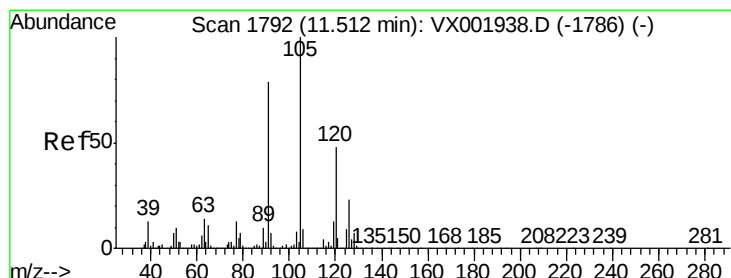
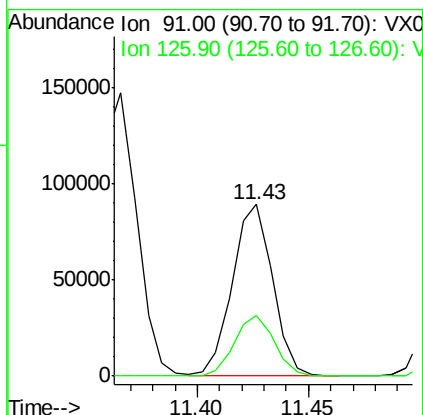
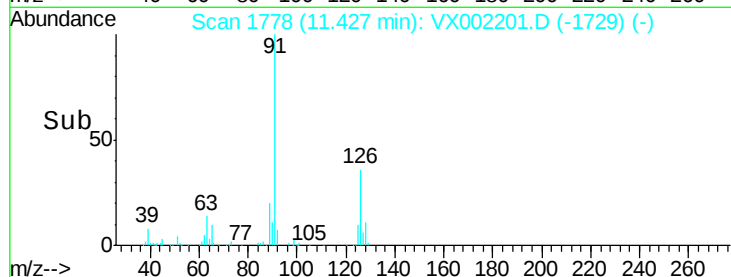
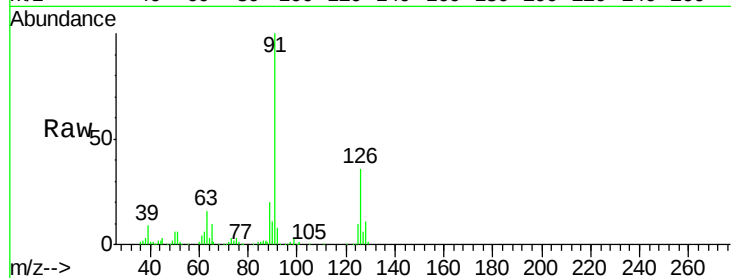
126 35.8 17.4 52.2

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 19.387 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002201.D

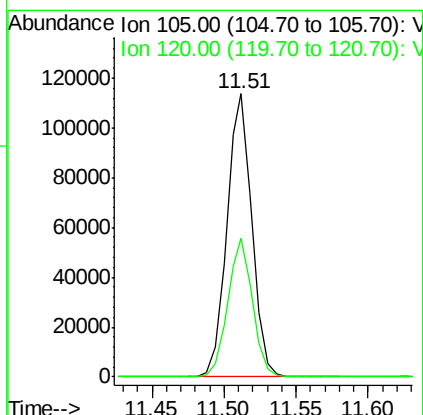
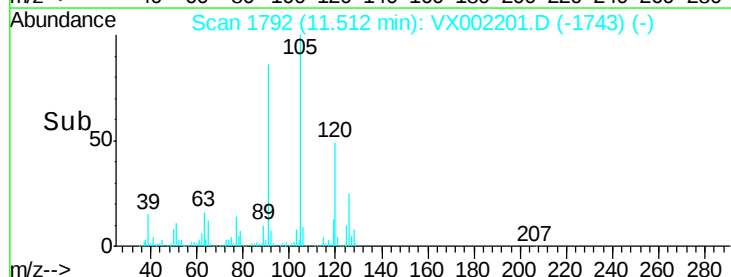
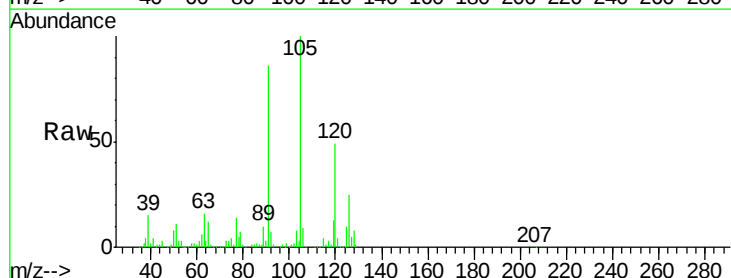
Acq: 01 Jun 2018 05:08

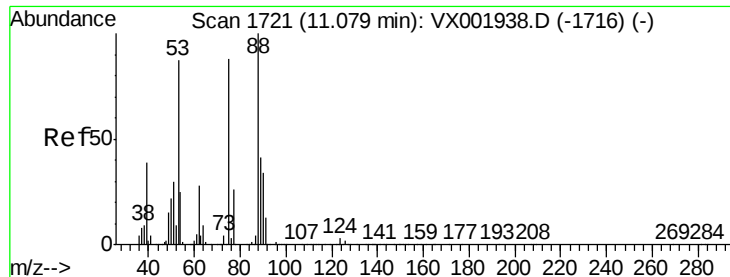
Tgt Ion: 105 Resp: 138096

Ion Ratio Lower Upper

105 100

120 48.5 24.1 72.4





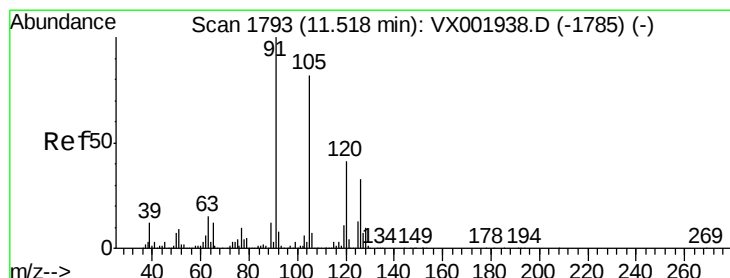
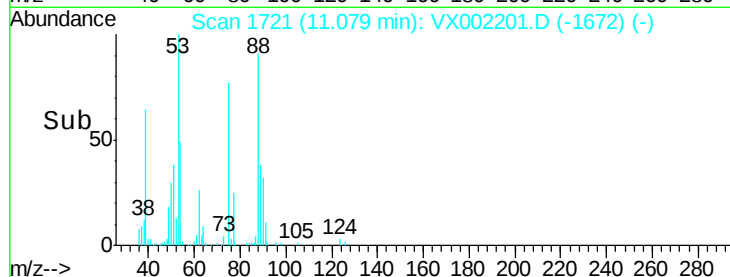
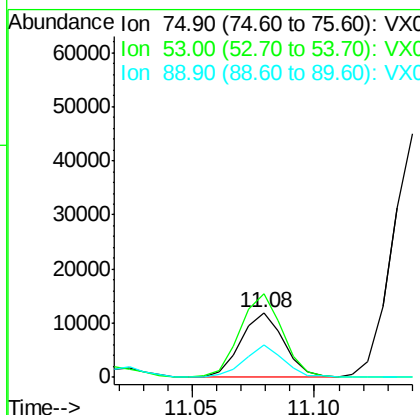
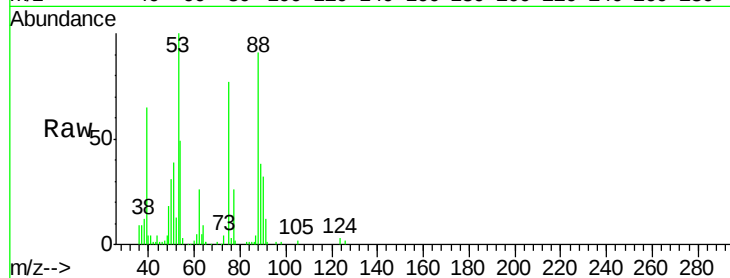
#81
trans-1,4-Dichloro-2-butene
Concen: 14.698 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. -0.00 min
Lab File: VX002201.D
Acq: 01 Jun 2018 05:08

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBSD04

Tot Ion	Ratio	Lower	Upper
75	100		
53	127.8	78.0	117.0#
89	46.9	39.4	59.2

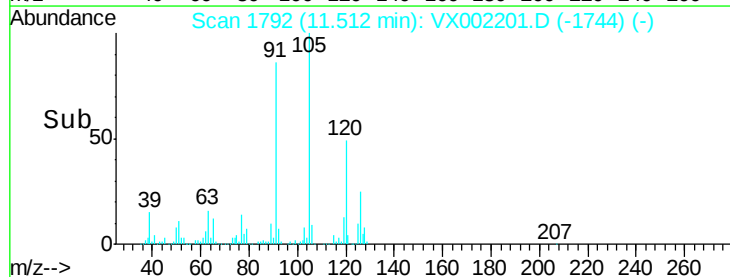
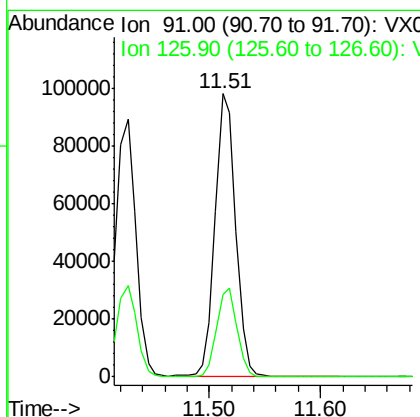
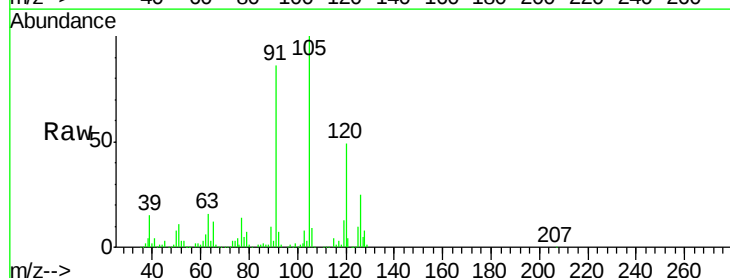
Manual Integrations
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#82
4-Chlorotoluene
Concen: 19.024 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.01 min
Lab File: VX002201.D
Acq: 01 Jun 2018 05:08

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.1	15.3	45.8





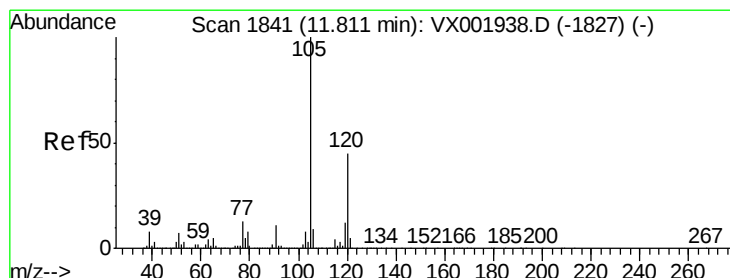
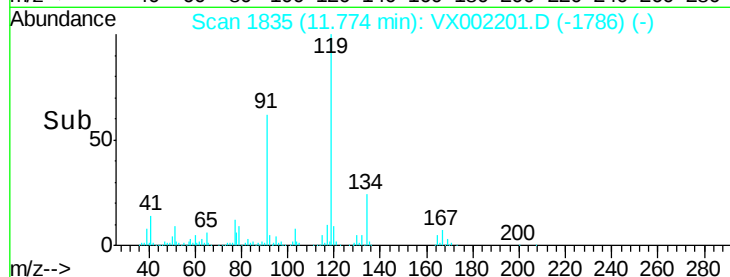
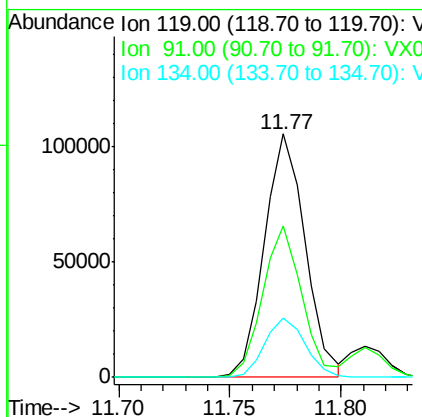
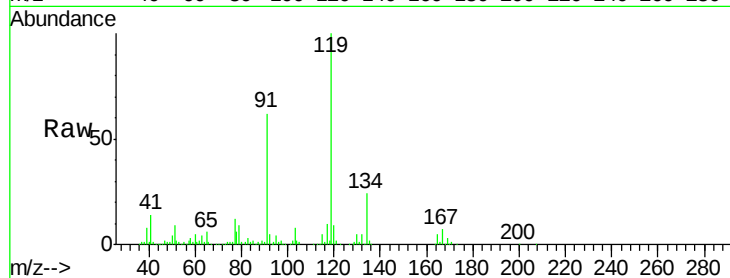
#83
tert-Butylbenzene
Concen: 19.263 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX002201.D
Acq: 01 Jun 2018 05:08

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBSD04

Tot Ion	Ratio	Resp	Lower	Upper
119	100	134647		
91	60.2	30.6	91.8	
134	24.2	11.7	35.0	

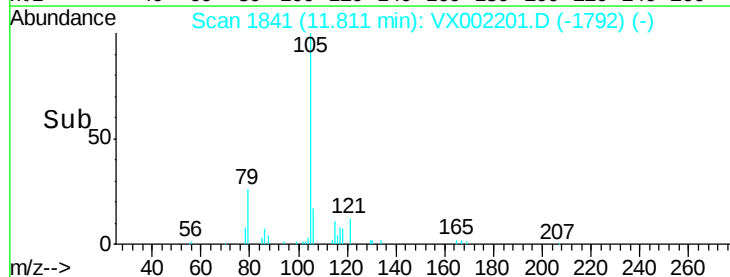
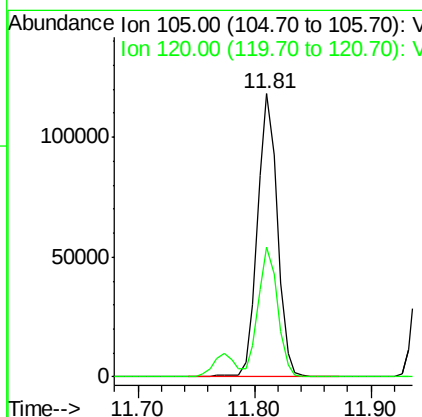
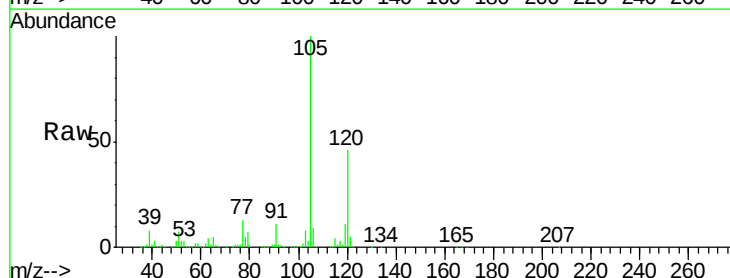
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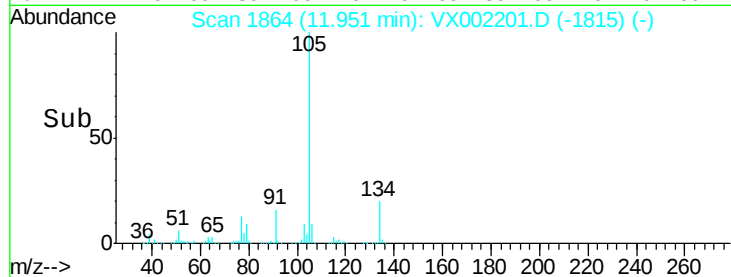
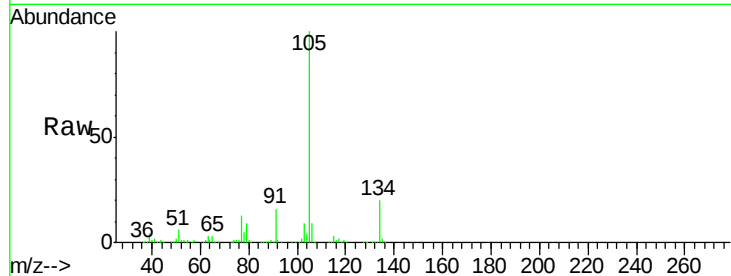
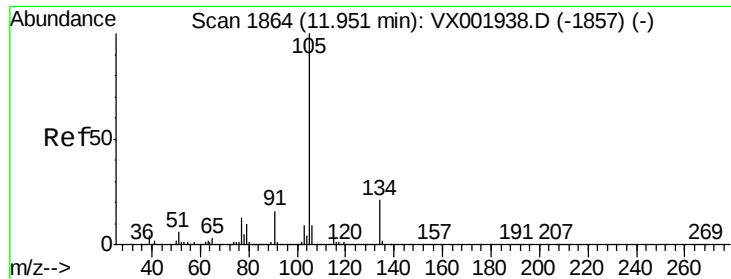
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#84
1,2,4-Trimethylbenzene
Concen: 19.281 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX002201.D
Acq: 01 Jun 2018 05:08

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	141926		
120	45.4	22.1	66.5	





#85

sec-Butylbenzene

Concen: 19.022 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002201.D

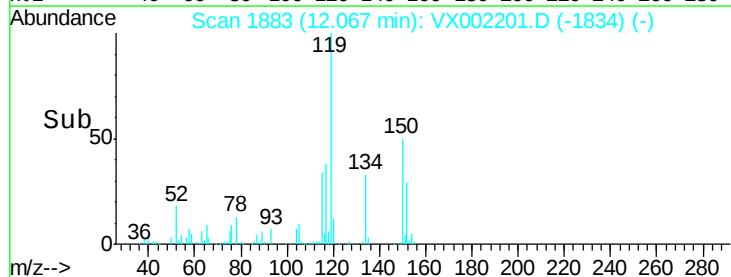
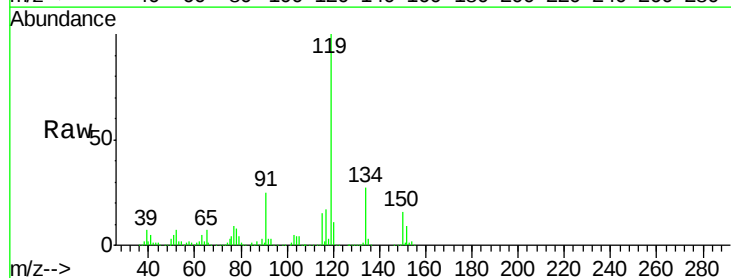
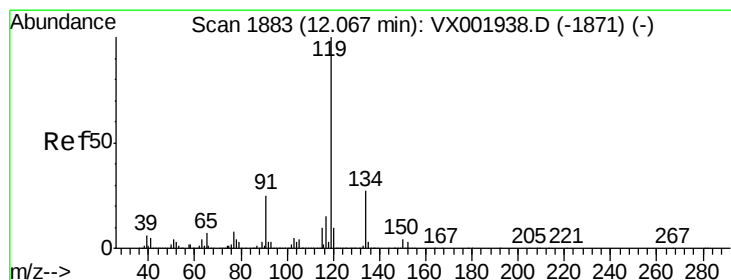
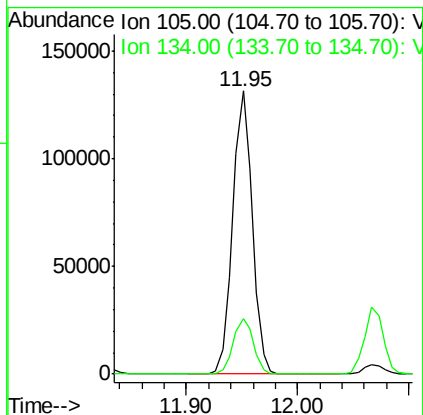
Acq: 01 Jun 2018 05:08

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.3	10.4	31.4

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBSD04

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 18.457 ug/l

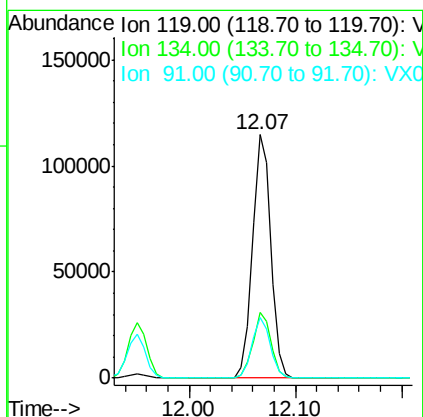
RT: 12.07 min Scan# 1883

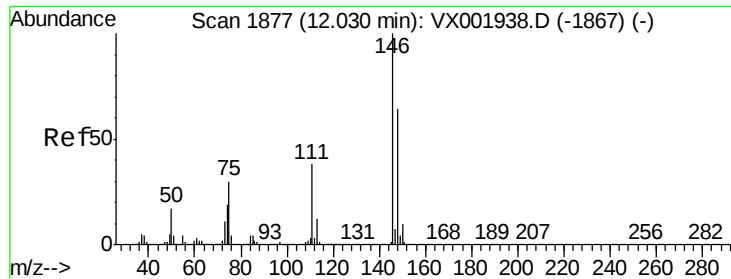
Delta R.T. -0.00 min

Lab File: VX002201.D

Acq: 01 Jun 2018 05:08

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.8	13.6	40.8
91	24.8	12.2	36.4





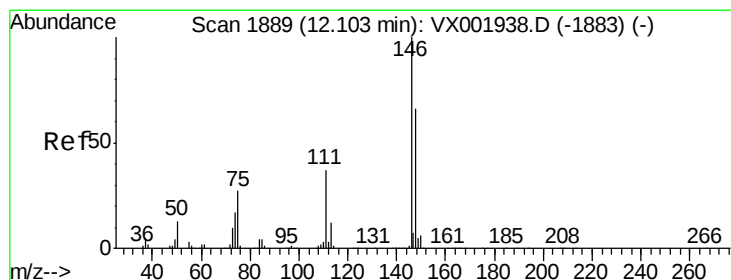
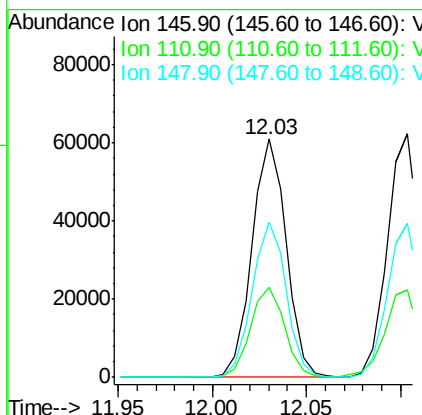
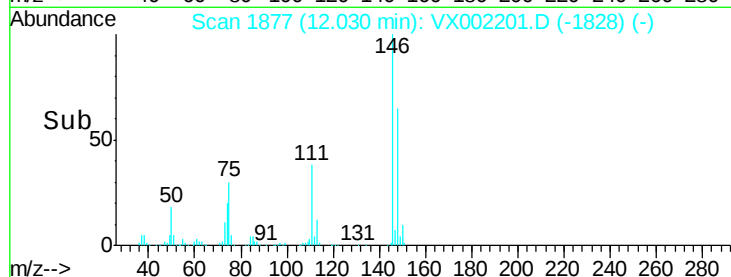
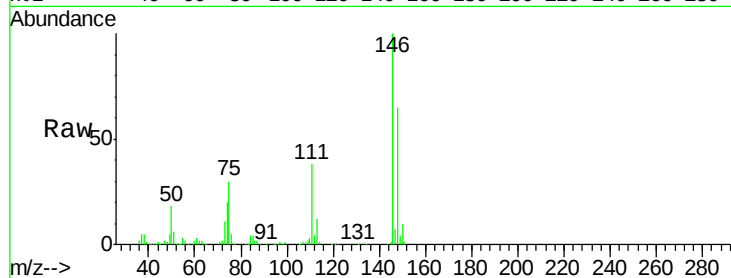
#87
 1,3-Dichlorobenzene
 Concen: 19.320 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX002201.D
 Acq: 01 Jun 2018 05:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0531WBSD04

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.9	19.3	57.8
148	64.9	32.1	96.3

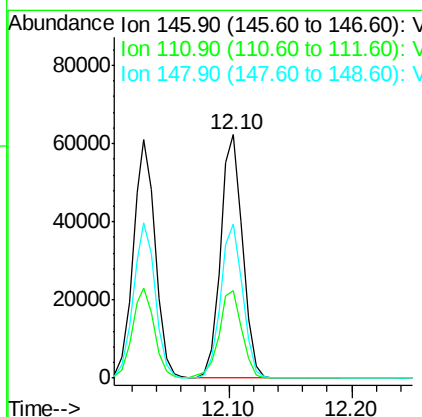
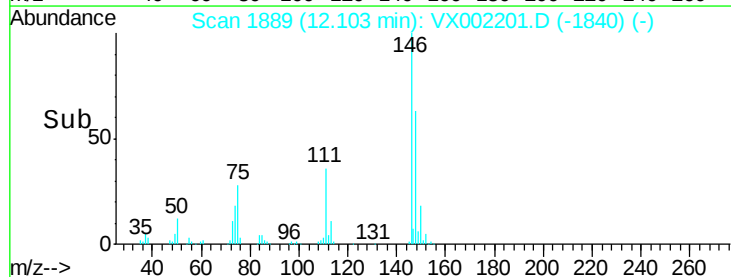
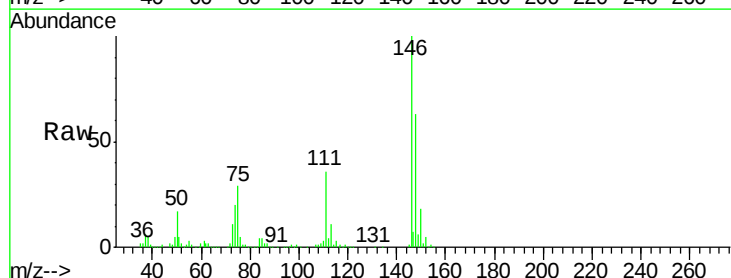
Manual Integrations
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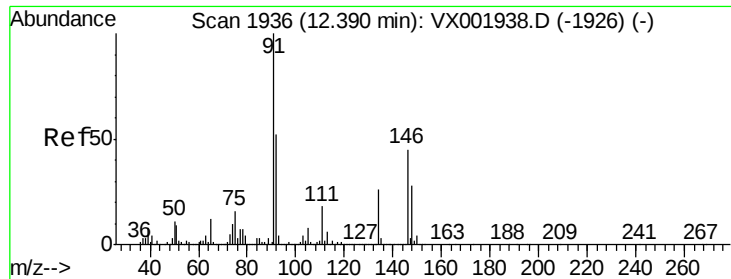
MMDadoda
 6/1/2018 6:37:14 PM



#88
 1,4-Dichlorobenzene
 Concen: 19.673 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX002201.D
 Acq: 01 Jun 2018 05:08

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.9	56.5
148	63.6	32.3	96.8





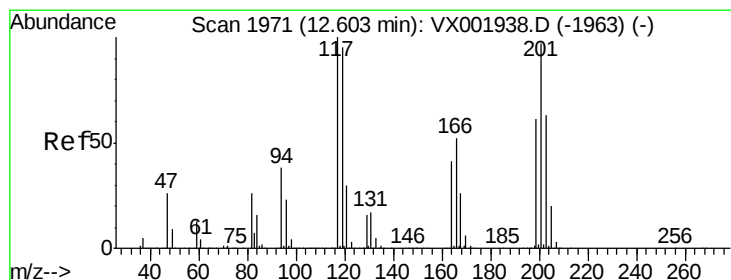
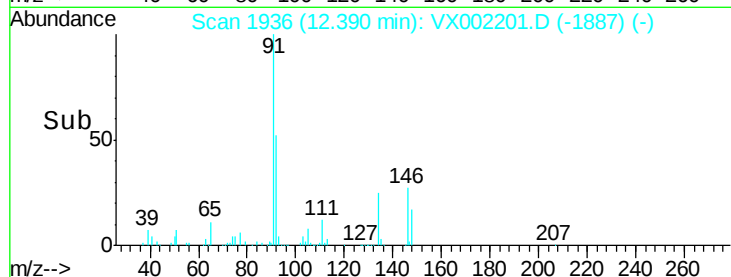
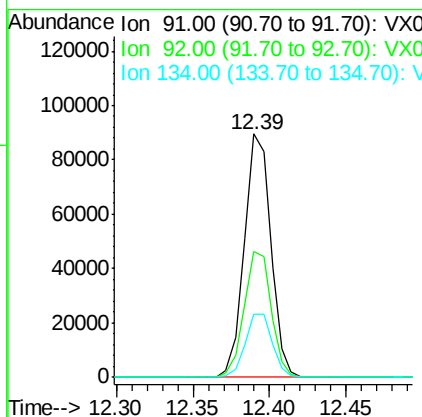
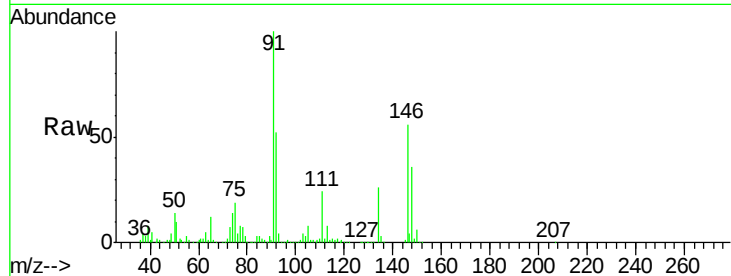
#89
n-Butylbenzene
Concen: 16.922 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX002201.D
Acq: 01 Jun 2018 05:08

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBSD04

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.9	26.3	78.9
134	26.6	13.6	40.7

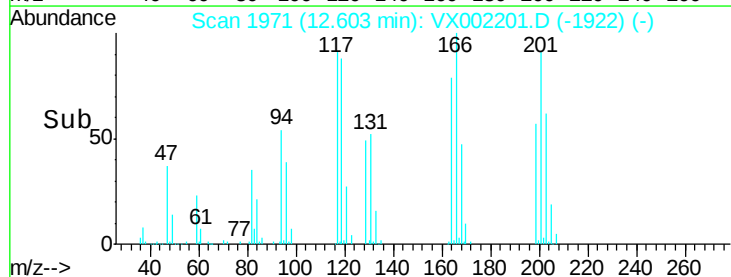
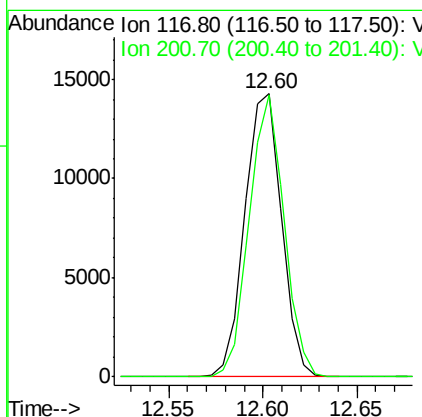
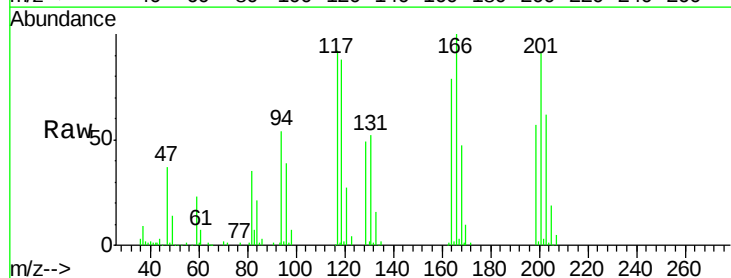
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#90
Hexachloroethane
Concen: 13.019 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX002201.D
Acq: 01 Jun 2018 05:08

Tgt Ion	Ratio	Lower	Upper
117	100		
201	94.3	48.0	144.0





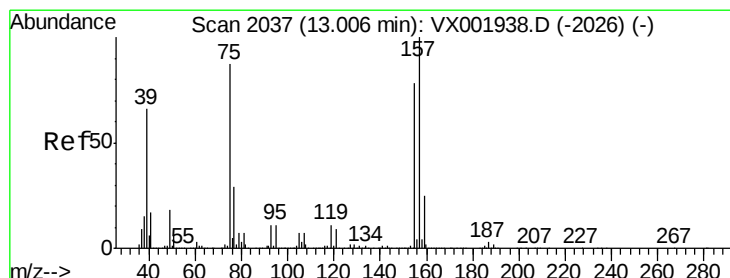
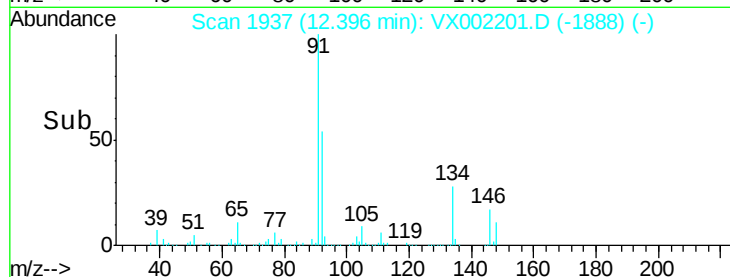
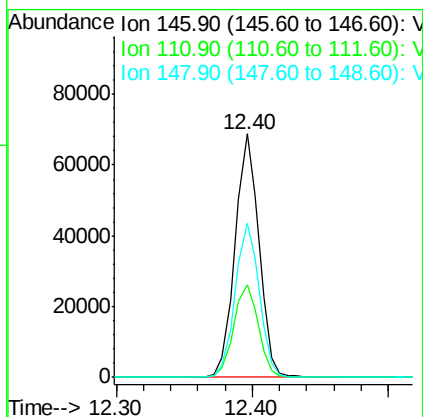
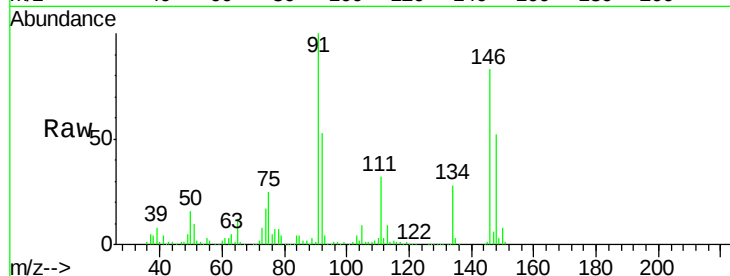
#91
 1,2-Dichlorobenzene
 Concen: 20.755 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX002201.D
 Acq: 01 Jun 2018 05:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0531WBSD04

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.8	59.3
148	63.9	32.1	96.5

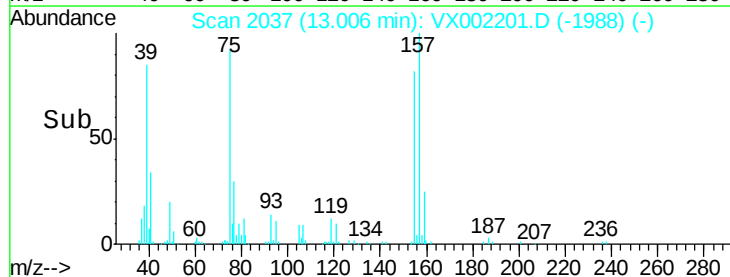
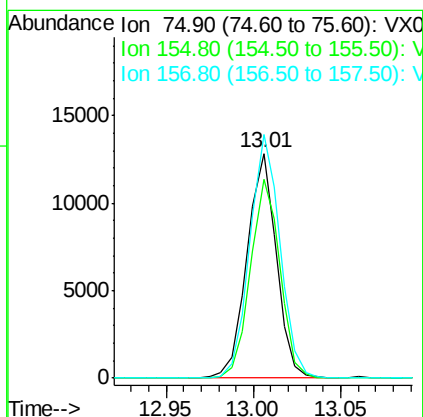
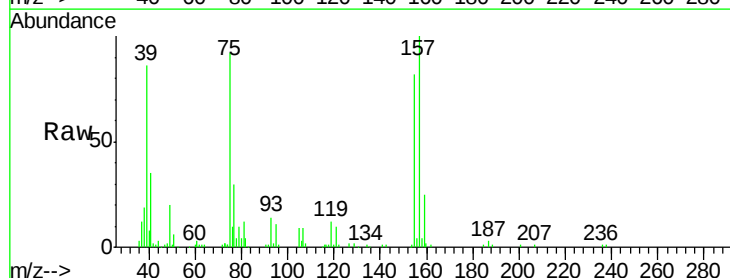
Manual Integrations
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.279 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX002201.D
 Acq: 01 Jun 2018 05:08

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.1	45.1	135.2
157	111.9	58.1	174.2





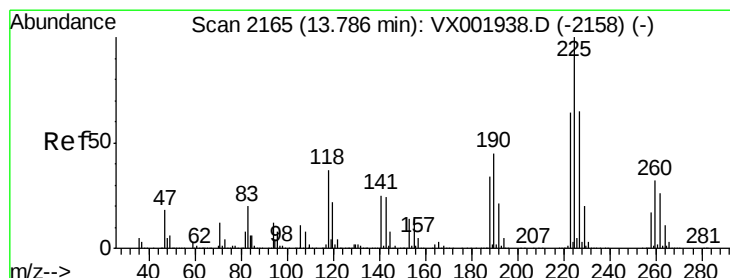
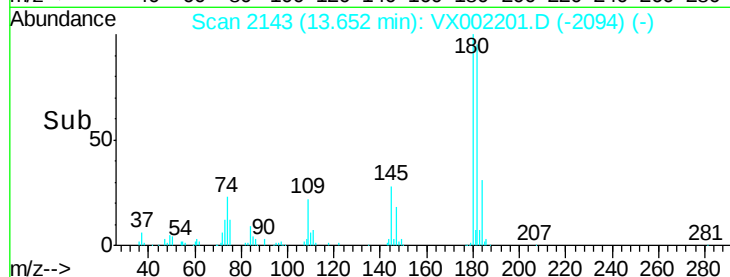
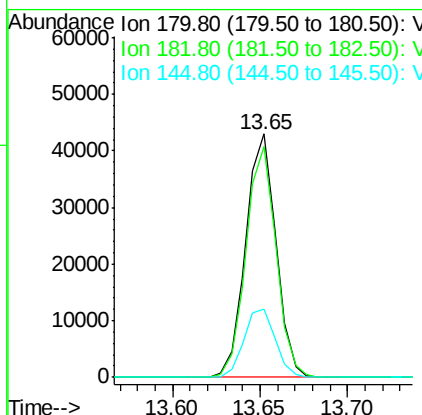
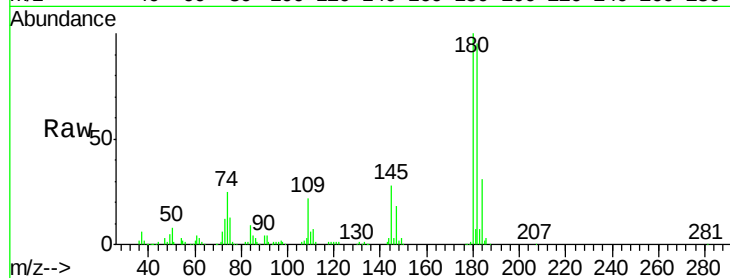
#93
 1,2,4-Trichlorobenzene
 Concen: 17.977 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002201.D
 Acq: 01 Jun 2018 05:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0531WBSD04

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.9	47.7	143.1
145	29.0	14.4	43.0

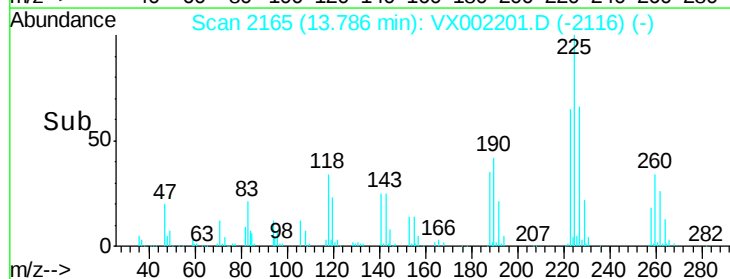
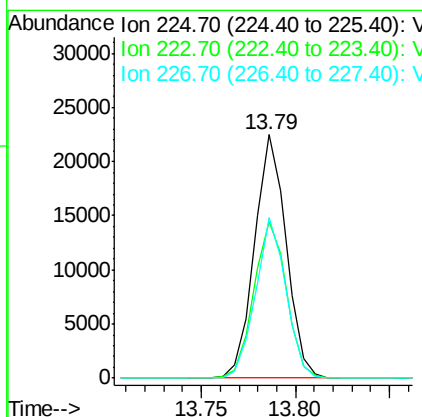
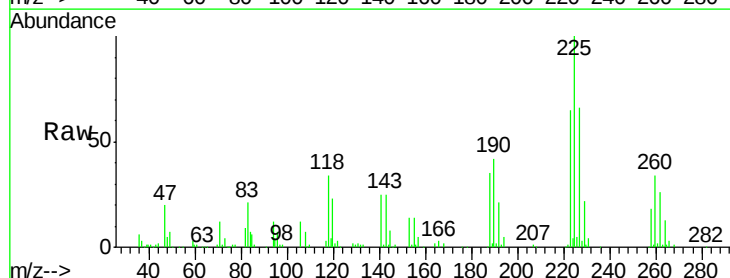
Manual Integrations
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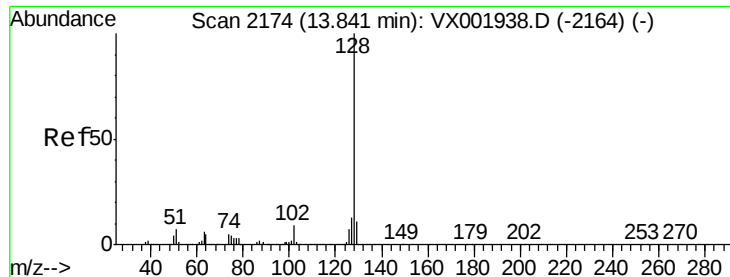
MMDadoda
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#94
 Hexachlorobutadiene
 Concen: 16.852 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002201.D
 Acq: 01 Jun 2018 05:08

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.2	31.1	93.5
227	63.4	32.1	96.5





#95

Naphthalene

Concen: 22.785 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002201.D

Acq: 01 Jun 2018 05:08

Instrument :

MSVOA_X

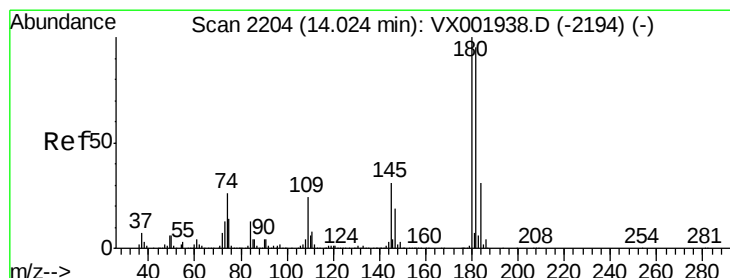
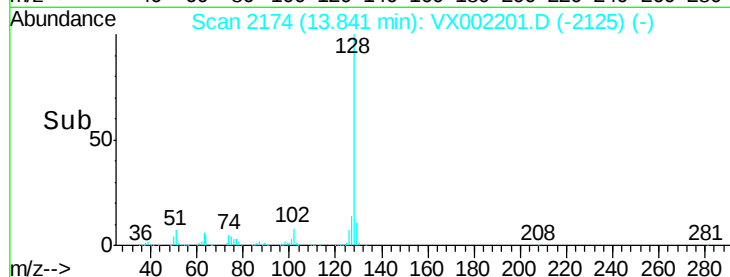
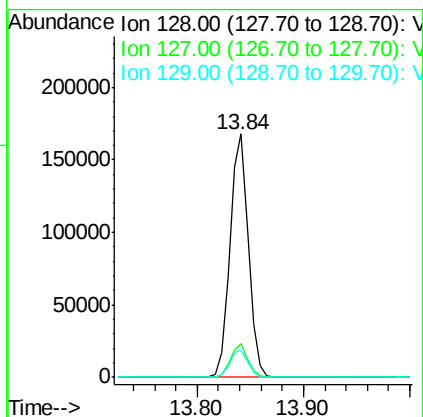
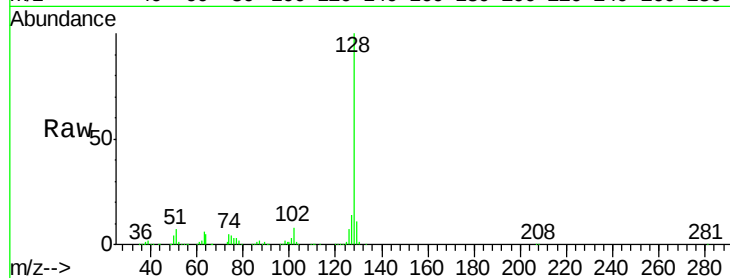
ClientSampleId :

VX0531WBSD04

Tot Ion:	128	Resp:	202558
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.4	15.6
129	11.1	8.8	13.2

Manual Integrations
APPROVED

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



#96

1,2,3-Trichlorobenzene

Concen: 19.500 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX002201.D

Acq: 01 Jun 2018 05:08

Tgt Ion:	180	Resp:	58221
Ion Ratio	Lower	Upper	
180	100		
182	95.8	47.9	143.6
145	29.4	15.1	45.3

