

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052618\
 Data File : VX002035.D
 Acq On : 26 May 2018 22:33
 Operator : JC/MD
 Sample : J3118-12MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW354-180522MS

Manual Integrations
 APPROVED

MMDadoda
 5/30/2018 1:50:10 PM

Quant Time: May 29 05:18:02 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	197402	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	295586	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	277694	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	182557	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	176437	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	
35) Dibromofluoromethane	5.51	113	135260	45.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.52%	
50) Toluene-d8	8.72	98	486585	45.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.94%	
62) 4-Bromofluorobenzene	11.14	95	190815	45.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	109849	44.23	ug/l	99
3) Chloromethane	1.32	50	149054	49.08	ug/l	99
4) Vinyl Chloride	1.41	62	144667	49.33	ug/l	100
5) Bromomethane	1.64	94	76635	56.90	ug/l	100
6) Chloroethane	1.71	64	95148	55.04	ug/l	98
7) Trichlorofluoromethane	1.93	101	225405	51.18	ug/l	99
8) Diethyl Ether	2.19	74	95863	59.99	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	122203	49.73	ug/l	99
10) Methyl Iodide	2.51	142	160140	48.16	ug/l	100
11) Tert butyl alcohol	3.09	59	256672	370.57	ug/l	98
12) 1,1-Dichloroethene	2.37	96	119853	52.09	ug/l	98
13) Acrolein	2.30	56	61678	205.96	ug/l	95
14) Allyl chloride	2.73	41	267565	55.40	ug/l	99
15) Acrylonitrile	3.15	53	478523	335.97	ug/l	100
16) Acetone	2.45	43	467979	343.65	ug/l	100
17) Carbon Disulfide	2.57	76	302475	45.68	ug/l	100
18) Methyl Acetate	2.78	43	278115	85.59	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	552684	63.87	ug/l	99
20) Methylene Chloride	2.86	84	146068	62.36	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	127969	57.36	ug/l	99
22) Diisopropyl ether	3.88	45	513928	52.31	ug/l	100
23) Vinyl Acetate	3.83	43	1897959	233.01	ug/l	98
24) 1,1-Dichloroethane	3.70	63	255439	54.74	ug/l	99
25) 2-Butanone	4.71	43	726464	291.06	ug/l	100
26) 2,2-Dichloropropane	4.59	77	163583	34.63	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	170976	56.99	ug/l	93
28) Bromochloromethane	5.03	49	114783	58.90	ug/l	99
29) Tetrahydrofuran	5.17	42	471170	290.15	ug/l	100
30) Chloroform	5.22	83	265782	50.55	ug/l	100
31) Cyclohexane	5.58	56	208792	42.94	ug/l	95
32) 1,1,1-Trichloroethane	5.50	97	229690	46.86	ug/l	100
36) 1,1-Dichloropropene	5.81	75	173883	42.29	ug/l	98
37) Ethyl Acetate	4.87	43	264286	49.31	ug/l	100
38) Carbon Tetrachloride	5.79	117	201051	41.93	ug/l	96

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 5/30/2018 1:50:10 PM

Quant Time: May 29 05:18:02 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)
39) Methylcyclohexane	7.46	83	199262	39.45	ug/l	99
40) Benzene	6.15	78	571097	47.41	ug/l	99
41) Methacrylonitrile	5.07	41	156257	55.39	ug/l	98
42) 1,2-Dichloroethane	6.20	62	232086	48.24	ug/l	100
43) Isopropyl Acetate	6.47	43	448670	50.24	ug/l	99
44) Trichloroethene	7.22	130	174013	49.58	ug/l	98
45) 1,2-Dichloropropane	7.52	63	160485	49.06	ug/l	99
46) Dibromomethane	7.67	93	106786	49.31	ug/l	99
47) Bromodichloromethane	7.90	83	212789	46.08	ug/l	100
48) Methyl methacrylate	7.78	41	233593	51.39	ug/l	99
49) 1,4-Dioxane	7.76	88	99209	1238.53	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1473383	273.67	ug/l	100
52) Toluene	8.79	92	355683	46.40	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	238393	44.82	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	229007	44.19	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	157045	49.04	ug/l	100
56) Ethyl methacrylate	9.19	69	262520	47.66	ug/l	100
57) 1,3-Dichloropropane	9.38	76	260984	49.47	ug/l	99
59) 2-Hexanone	9.50	43	1158280	279.01	ug/l	99
60) Dibromochloromethane	9.59	129	177893	46.90	ug/l	100
61) 1,2-Dibromoethane	9.68	107	166565	49.57	ug/l	99
64) Tetrachloroethene	9.34	164	185127	46.50	ug/l	99
65) Chlorobenzene	10.15	112	408215	46.40	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	166186	46.78	ug/l	99
67) Ethyl Benzene	10.26	91	689683	45.12	ug/l	100
68) m/p-Xylenes	10.37	106	530150	90.73	ug/l	99
69) o-Xylene	10.70	106	272090	46.64	ug/l	100
70) Styrene	10.72	104	453457	46.86	ug/l	100
71) Bromoform	10.86	173	152322	45.22	ug/l #	99
73) Isopropylbenzene	11.02	105	695955	45.02	ug/l	100
74) N-amyl acetate	6.47	43	448670	56.35	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	243165	57.71	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	257068m	58.63	ug/l	
77) Bromobenzene	11.26	156	196694	47.96	ug/l	97
78) n-propylbenzene	11.37	91	764620	44.16	ug/l	99
79) 2-Chlorotoluene	11.43	91	484499	51.06	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	591546	44.78	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	76424	41.89	ug/l	94
82) 4-Chlorotoluene	11.52	91	552514	45.24	ug/l	100
83) tert-Butylbenzene	11.77	119	573543	44.24	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	615656	45.09	ug/l	100
85) sec-Butylbenzene	11.95	105	673957	43.25	ug/l	100
86) p-Isopropyltoluene	12.07	119	600944	43.09	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	337357	45.93	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	334176	45.51	ug/l	100
89) n-Butylbenzene	12.39	91	482070	40.80	ug/l	100
90) Hexachloroethane	12.60	117	112458	40.88	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	360314	48.14	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	68553	49.88	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	236082	44.11	ug/l	100

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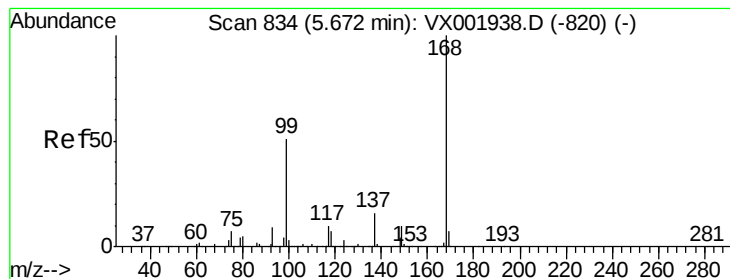
Manual Integrations
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5/30/2018 1:50:10 PM

Quant Time: May 29 05:18:02 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)
94) Hexachlorobutadiene	13.79	225	103070	35.80	ug/l	98
95) Naphthalene	13.84	128	823961	49.97	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	255979	46.23	ug/l	99

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



#1

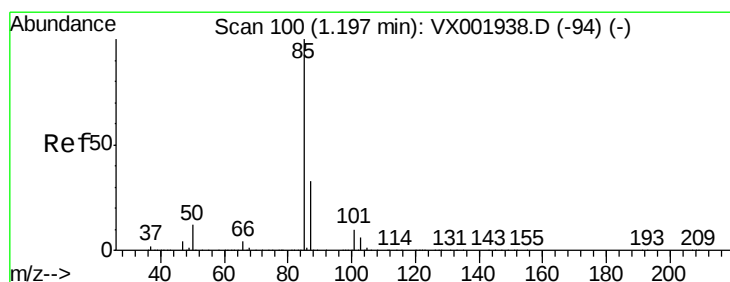
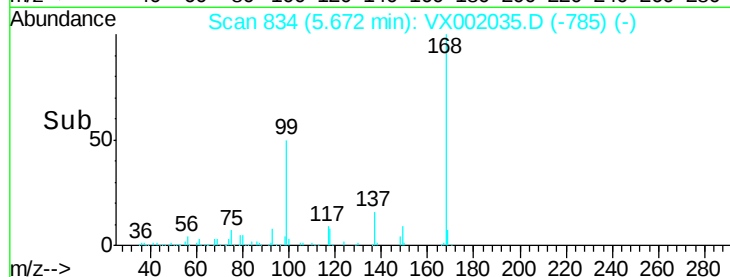
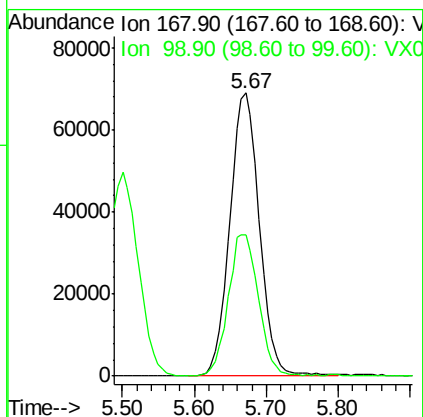
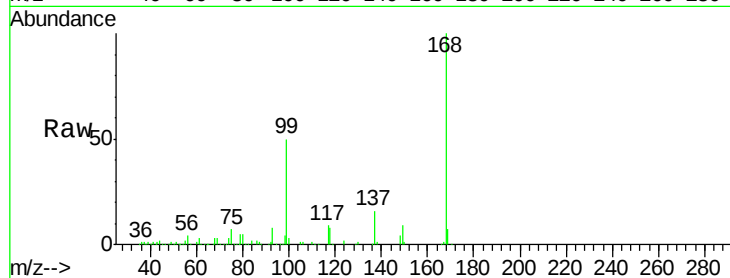
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.00 min
Lab File: VX002035.D
Acq: 26 May 2018 22:33

Instrument :
MSVOA_X
ClientSampleId :
SS052MW354-180522MS

Tot Ion	Ratio	Resp	Lower	Upper
168	100	197402		
99	49.9	41.0	61.4	

Manual Integrations
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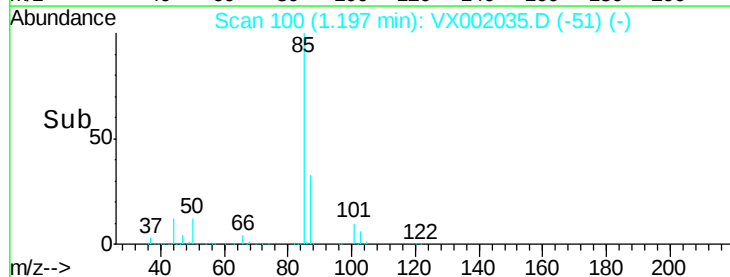
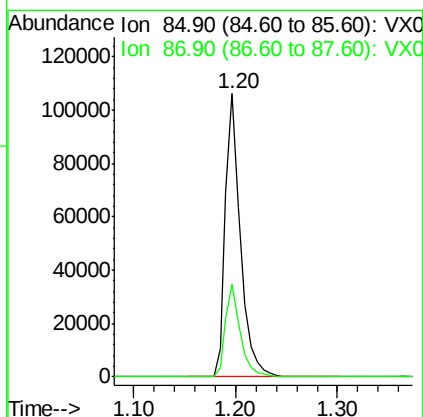
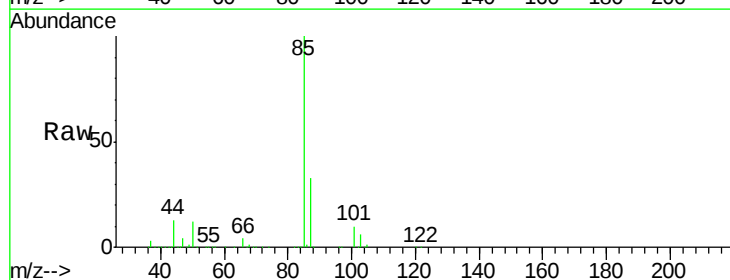
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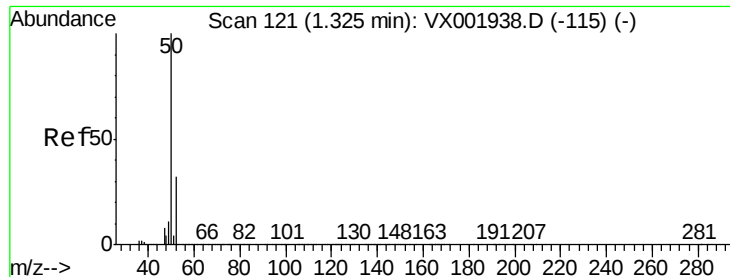


#2

Dichlorodifluoromethane
Concen: 44.23 ug/l
RT: 1.20 min Scan# 100
Delta R.T. 0.00 min
Lab File: VX002035.D
Acq: 26 May 2018 22:33

Tgt Ion	Ratio	Resp	Lower	Upper
85	100	109849		
87	32.7	16.7	50.0	





#3

Chloromethane

Concen: 49.08 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX002035.D

Acq: 26 May 2018 22:33

Instrument :

MSVOA_X

ClientSampleId :

SS052MW354-180522MS

Tot Ion: 50 Resp: 149054

Ion Ratio Lower Upper

50 100

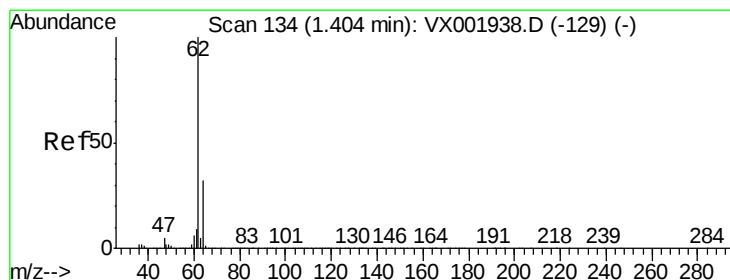
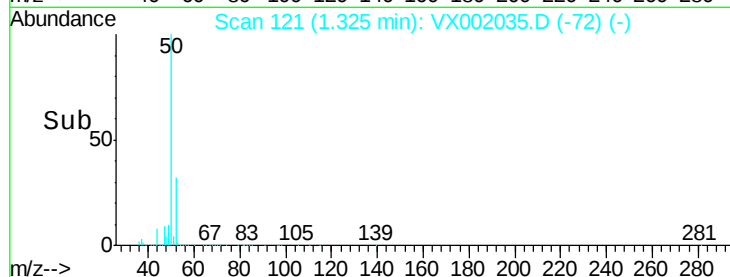
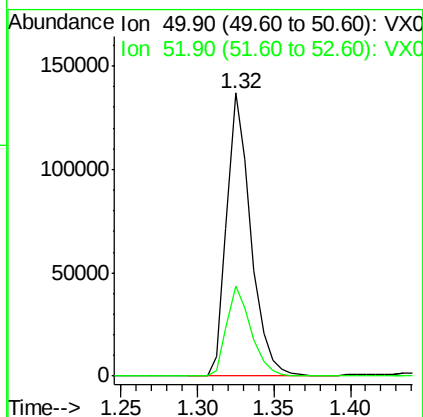
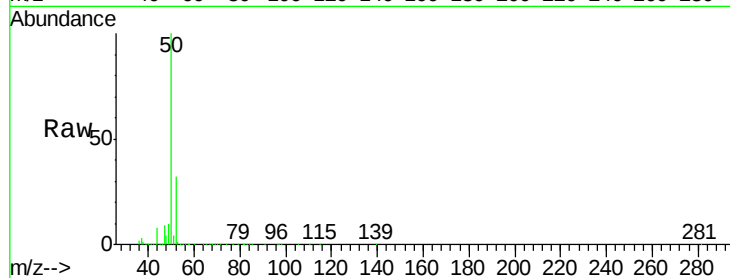
52 32.0 26.0 39.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 49.33 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX002035.D

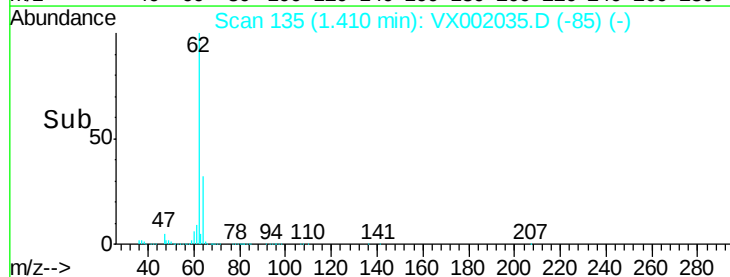
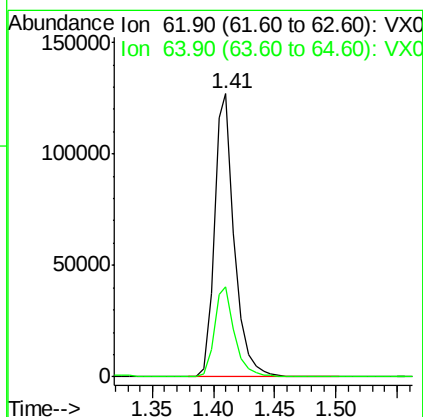
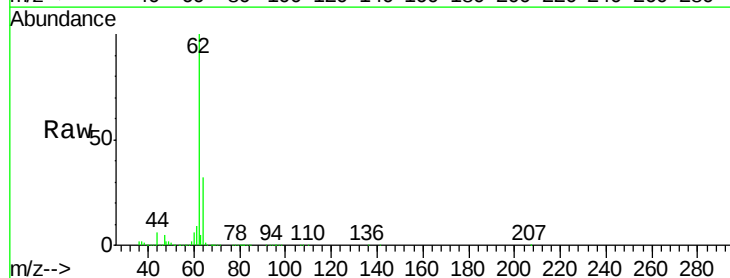
Acq: 26 May 2018 22:33

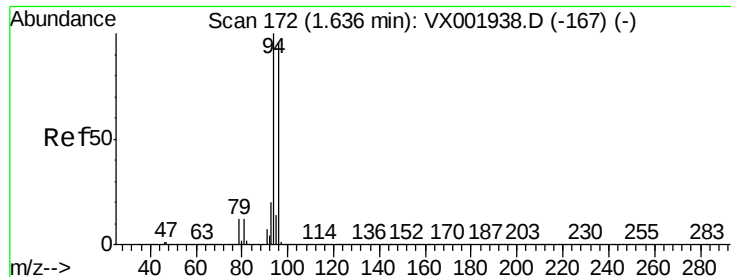
Tgt Ion: 62 Resp: 144667

Ion Ratio Lower Upper

62 100

64 31.7 25.4 38.0





#5

Bromomethane

Concen: 56.90 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002035.D

Acq: 26 May 2018 22:33

Instrument :

MSVOA_X

ClientSampleId :

SS052MW354-180522MS

Tot Ion: 94 Resp: 76635

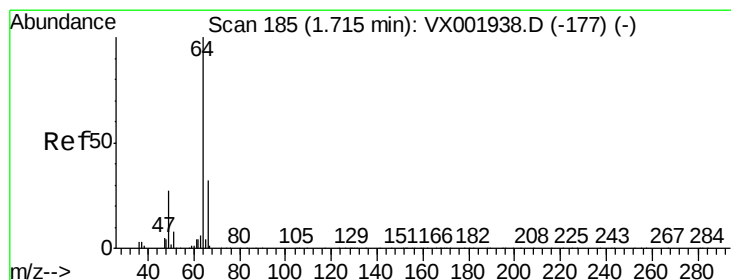
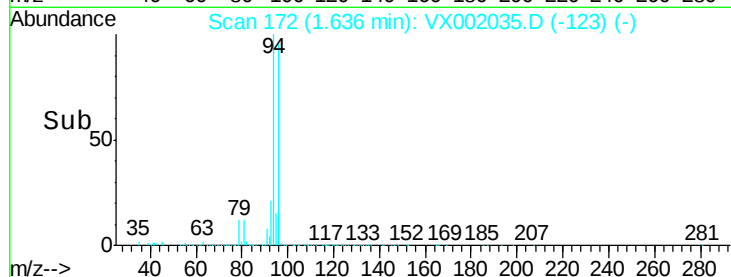
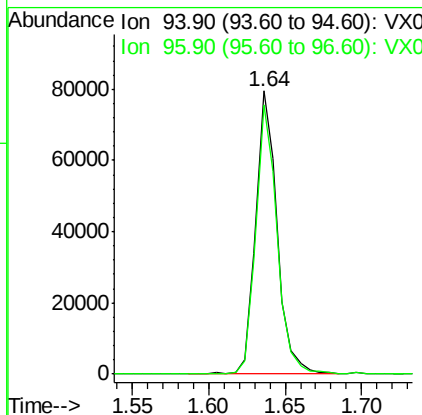
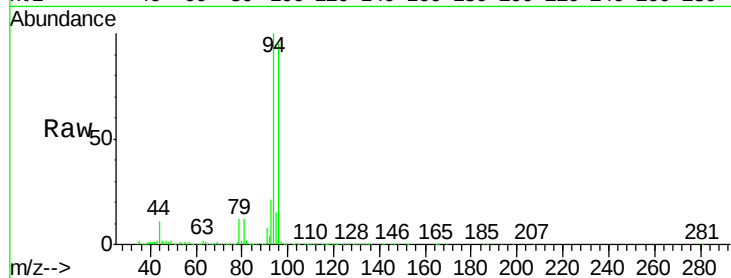
Ion Ratio Lower Upper

94 100

96 94.9 75.9 113.9

Manual Integrations
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#6

Chloroethane

Concen: 55.04 ug/l

RT: 1.71 min Scan# 185

Delta R.T. -0.00 min

Lab File: VX002035.D

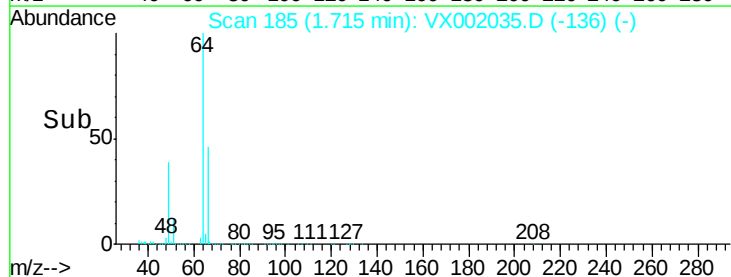
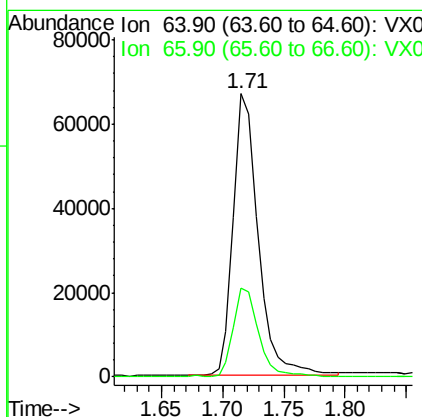
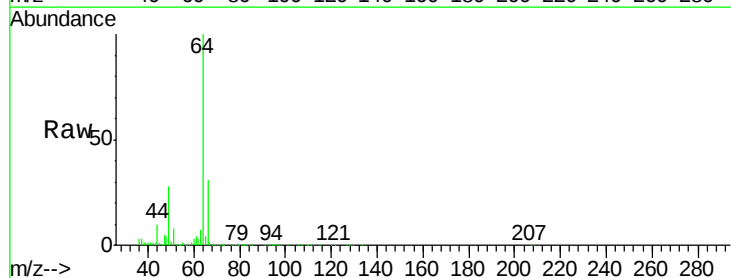
Acq: 26 May 2018 22:33

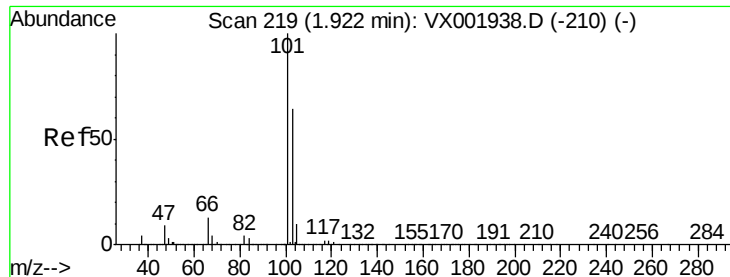
Tgt Ion: 64 Resp: 95148

Ion Ratio Lower Upper

64 100

66 31.1 25.6 38.4





#7

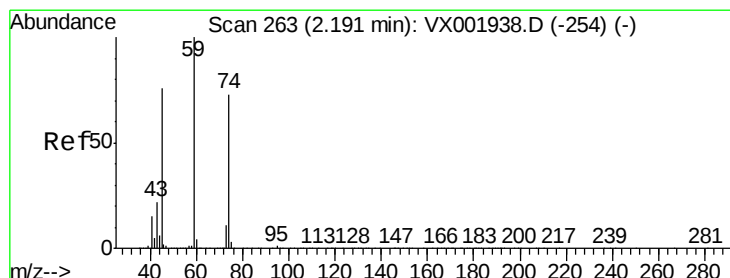
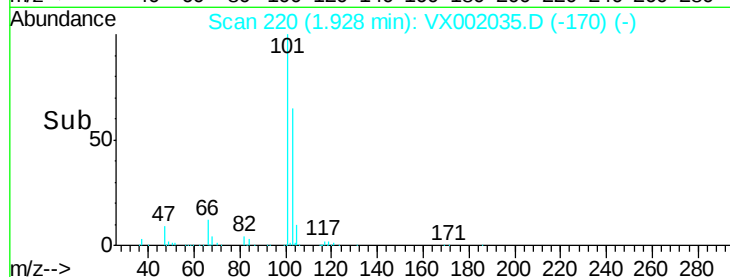
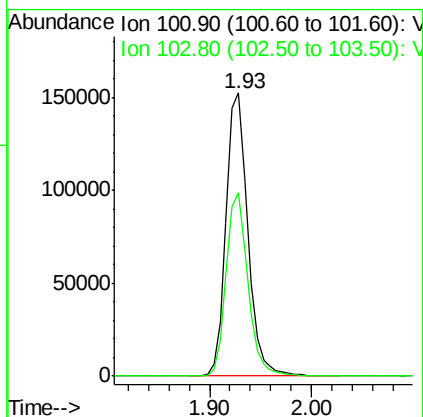
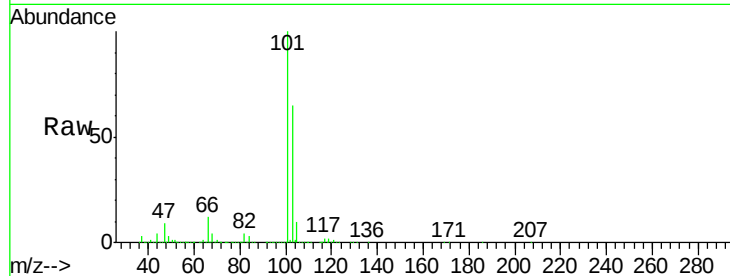
Trichlorofluoromethane
 Concen: 51.18 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.01 min
 Lab File: VX002035.D
 Acq: 26 May 2018 22:33

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 ClientSampleId :
 SS052MW354-180522MS

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.7	51.4	77.0

Manual Integrations
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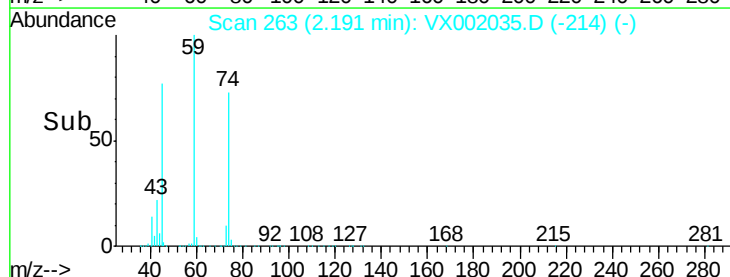
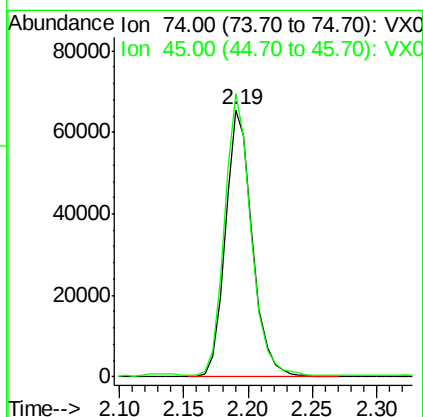
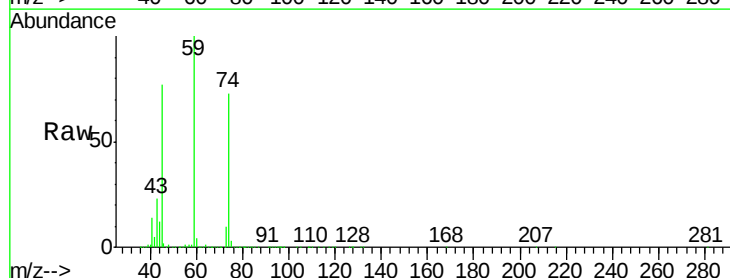
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 5/30/2018 1:50:10 PM

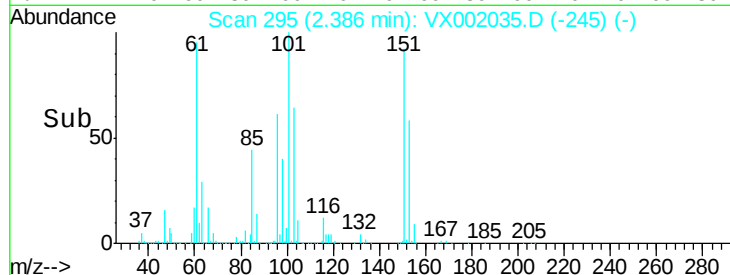
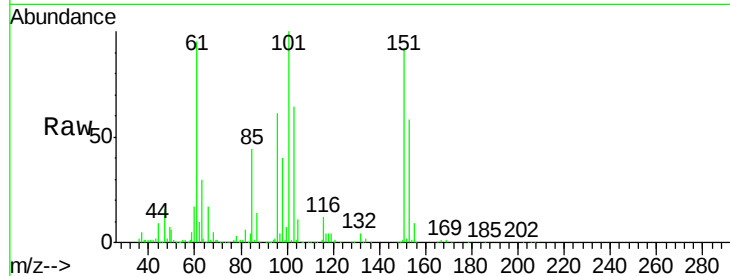
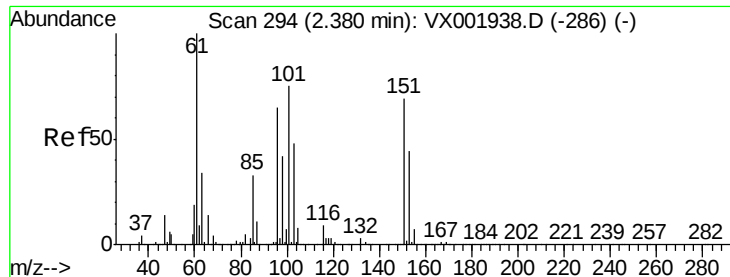


#8

Diethyl Ether
 Concen: 59.99 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX002035.D
 Acq: 26 May 2018 22:33

Tgt Ion	Ratio	Lower	Upper
74	100		
45	104.4	51.5	154.7





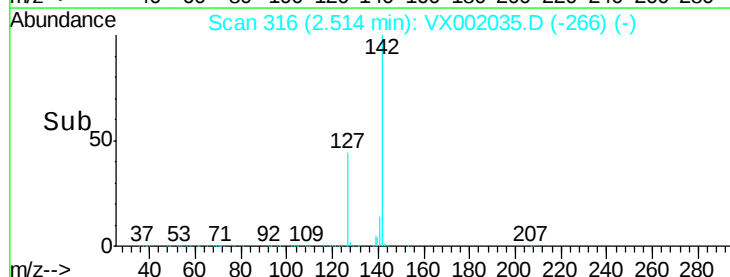
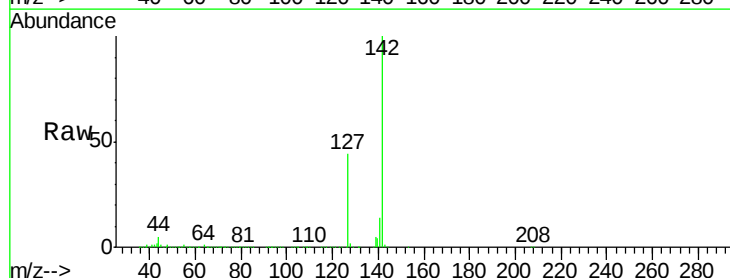
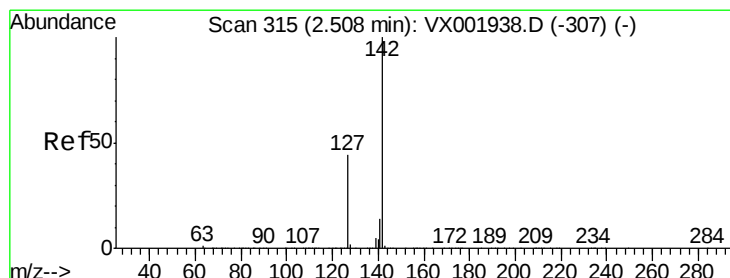
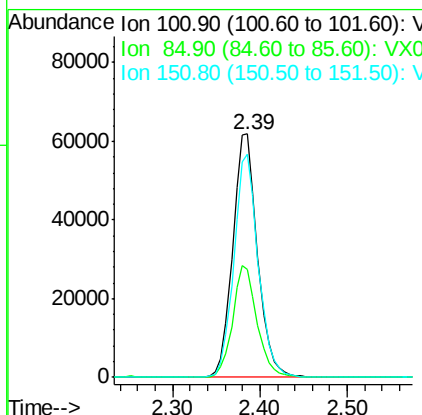
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.73 ug/l
RT: 2.39 min Scan# 295
Delta R.T. 0.01 min
Lab File: VX002035.D
Acq: 26 May 2018 22:33

Instrument :
MSVOA_X
ClientSampleId :
SS052MW354-180522MS

Tot Ion	Ratio	Resp	Lower	Upper
101	100	122203		
85	45.4	35.6	53.4	
151	90.1	73.2	109.8	

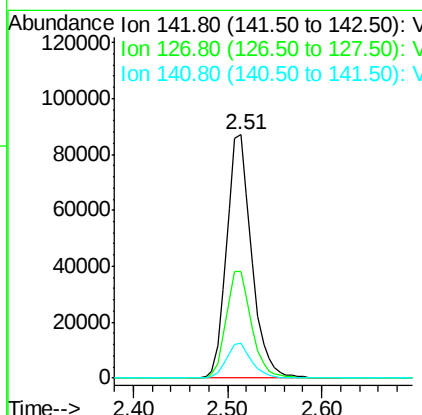
Manual Integrations
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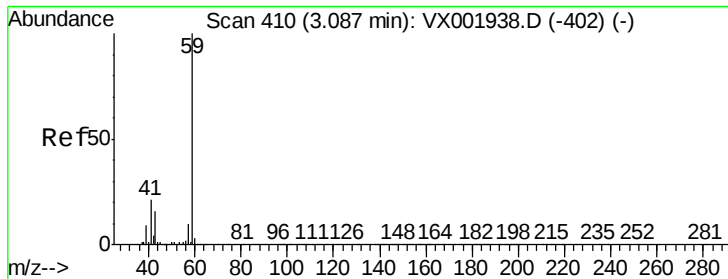
MMDadoda
5/30/2018 1:50:10 PM



#10
Methyl Iodide
Concen: 48.16 ug/l
RT: 2.51 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX002035.D
Acq: 26 May 2018 22:33

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	160140		
127	44.6	35.5	53.3	
141	14.4	11.3	16.9	





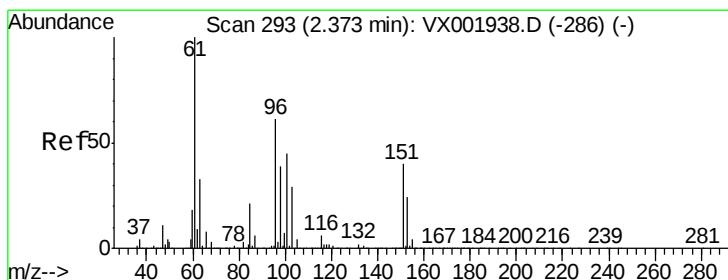
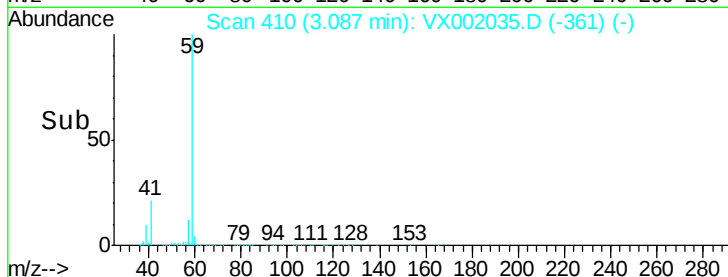
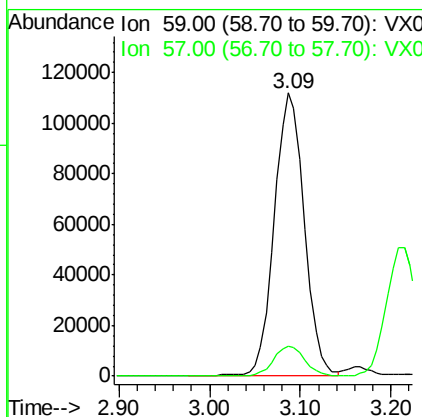
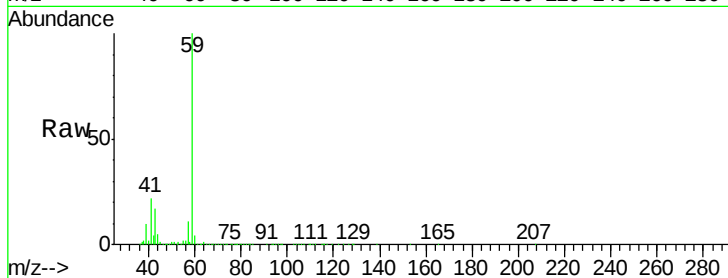
#11
Tert butyl alcohol
Concen: 370.57 ug/l
RT: 3.09 min Scan# 410
Delta R.T. -0.00 min
Lab File: VX002035.D
Acq: 26 May 2018 22:33

Instrument :
MSVOA_X
ClientSampleId :
SS052MW354-180522MS

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.9	13.3

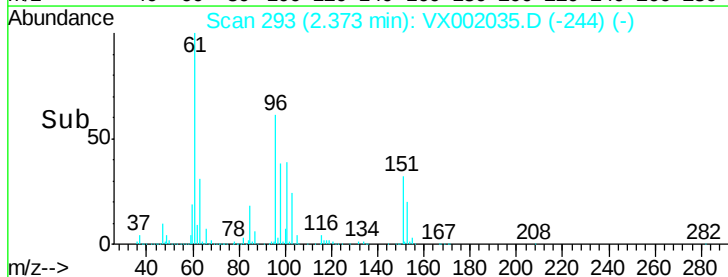
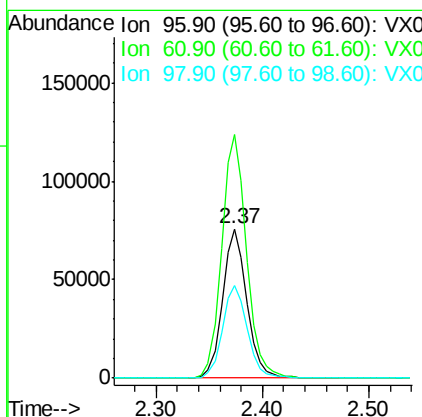
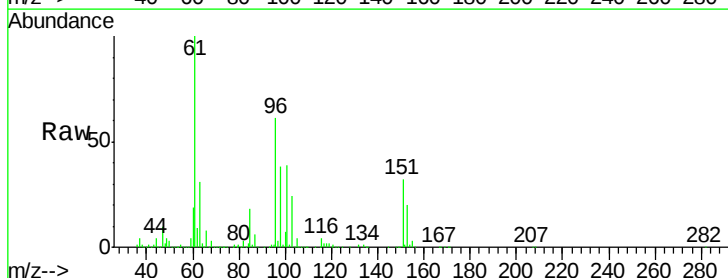
Manual Integrations
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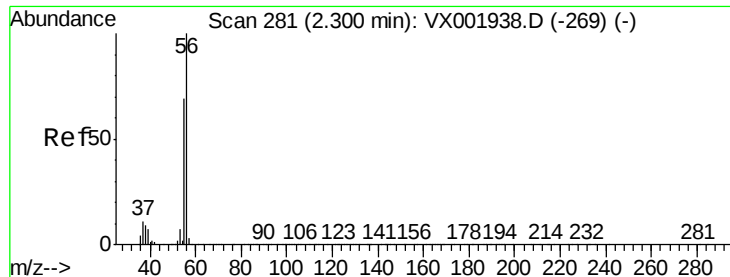
MMDadoda
5/30/2018 1:50:10 PM



#12
1,1-Dichloroethene
Concen: 52.09 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX002035.D
Acq: 26 May 2018 22:33

Tgt Ion	Ratio	Lower	Upper
96	100		
61	163.1	131.7	197.5
98	62.0	51.6	77.4





#13

Acrolein

Concen: 205.96 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX002035.D

Acq: 26 May 2018 22:33

Instrument :

MSVOA_X

ClientSampleId :

SS052MW354-180522MS

Tot Ion: 56 Resp: 61678

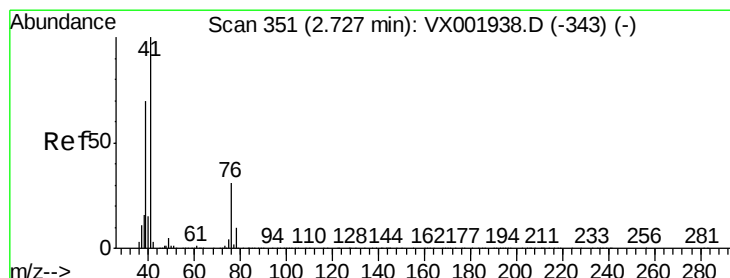
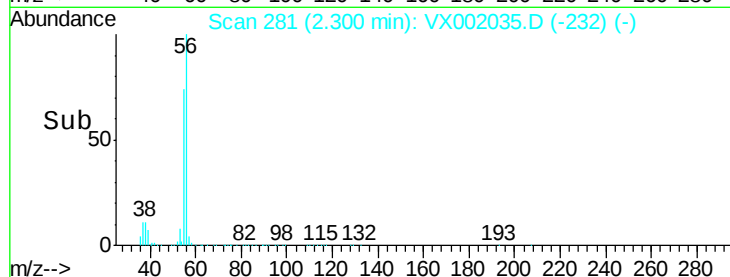
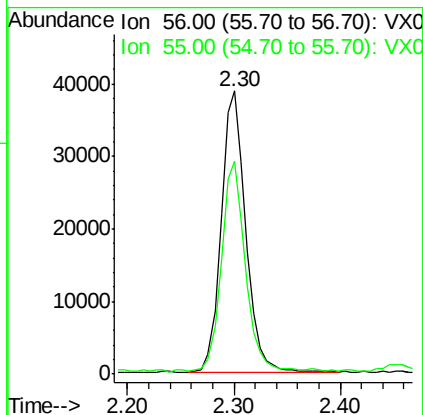
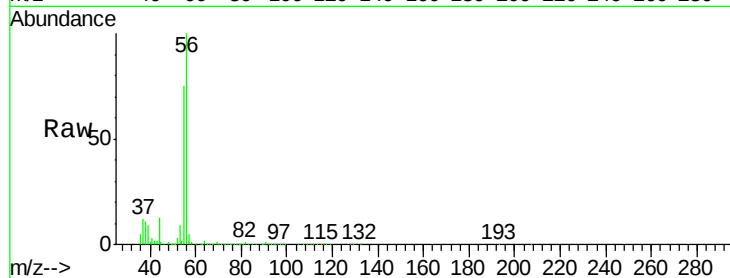
Ion Ratio Lower Upper

56 100

55 74.9 56.8 85.2

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5/30/2018 1:50:10 PM



#14

Allyl chloride

Concen: 55.40 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002035.D

Acq: 26 May 2018 22:33

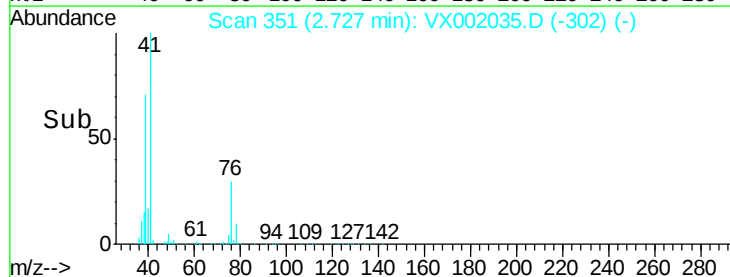
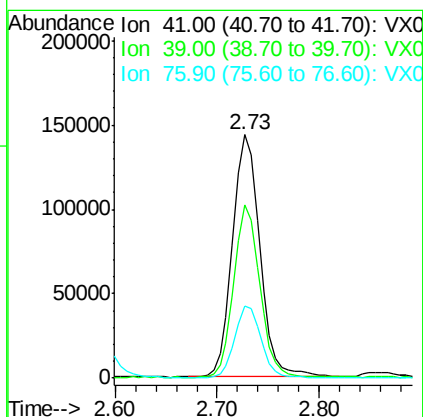
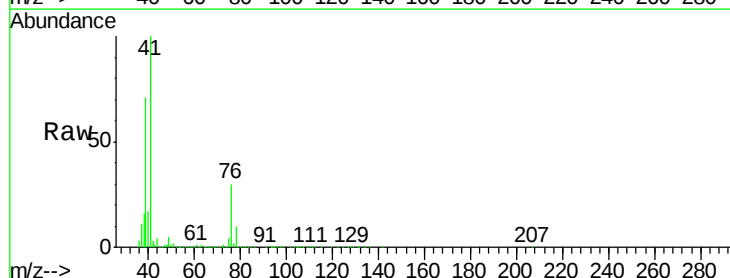
Tgt Ion: 41 Resp: 267565

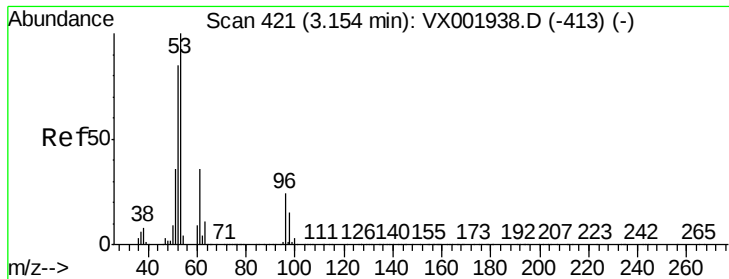
Ion Ratio Lower Upper

41 100

39 67.7 54.3 81.5

76 28.9 24.2 36.4





#15

Acrylonitrile

Concen: 335.97 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX002035.D

Acq: 26 May 2018 22:33

Instrument :

MSVOA_X

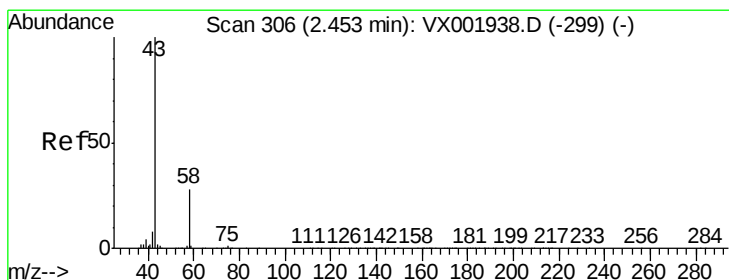
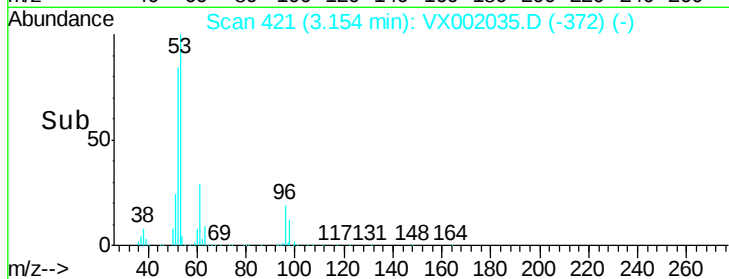
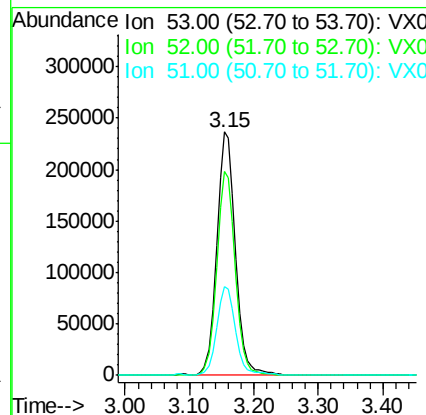
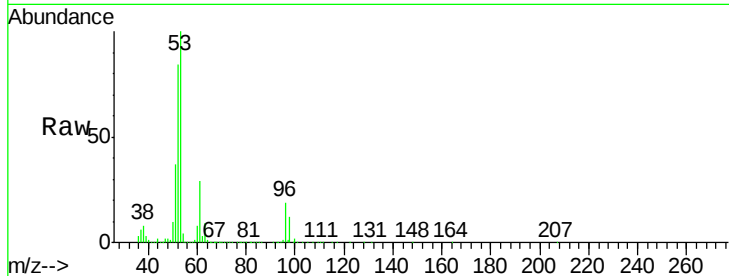
ClientSampleId :

SS052MW354-180522MS

Tot Ion	53	Resp	478523
Ion Ratio	Lower	Upper	
53	100		
52	83.0	66.4	99.6
51	36.8	29.3	43.9

Manual Integrations
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#16

Acetone

Concen: 343.65 ug/l

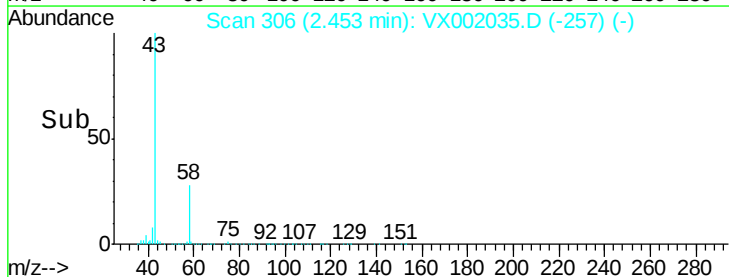
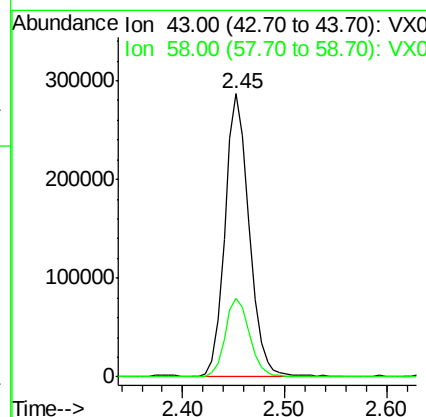
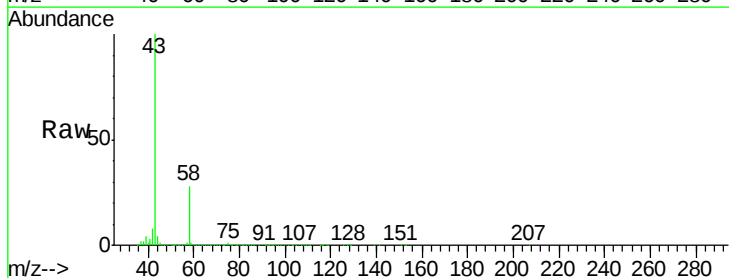
RT: 2.45 min Scan# 306

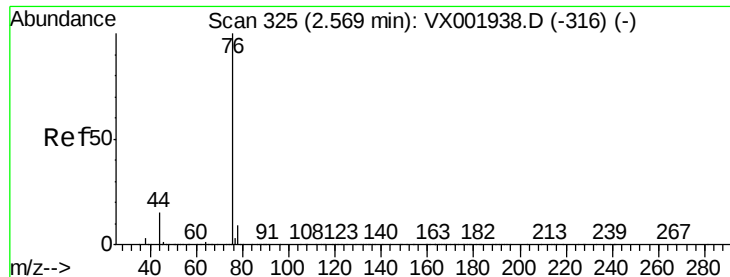
Delta R.T. -0.00 min

Lab File: VX002035.D

Acq: 26 May 2018 22:33

Tgt Ion	43	Resp	467979
Ion Ratio	Lower	Upper	
43	100		
58	27.9	22.3	33.5





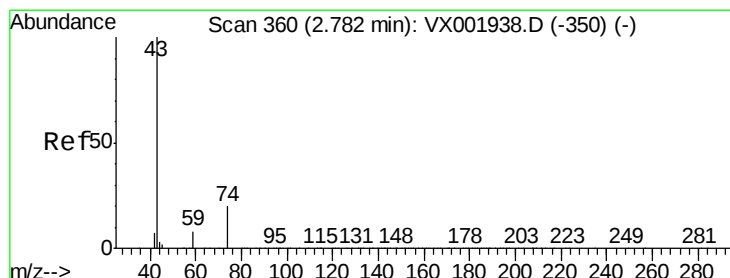
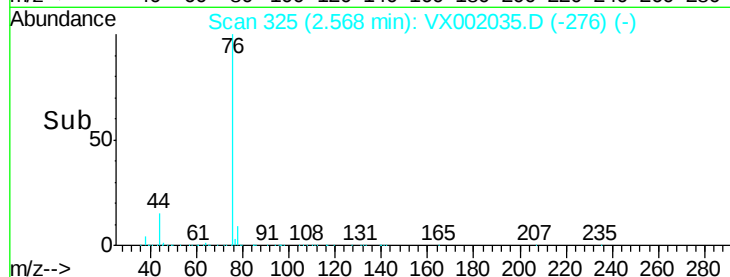
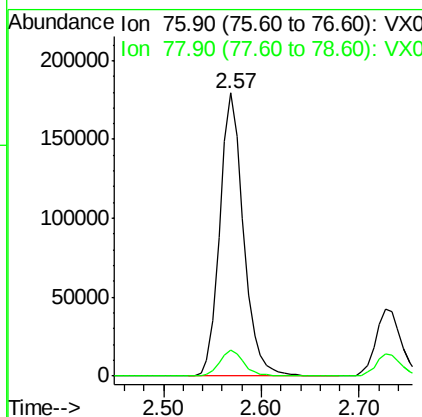
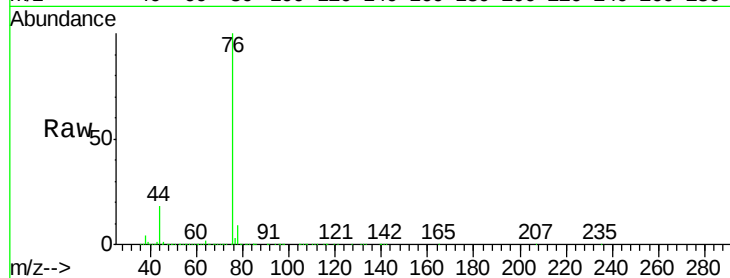
#17
Carbon Disulfide
Concen: 45.68 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX002035.D
Acq: 26 May 2018 22:33

Instrument :
MSVOA_X
ClientSampleId :
SS052MW354-180522MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.4	11.2

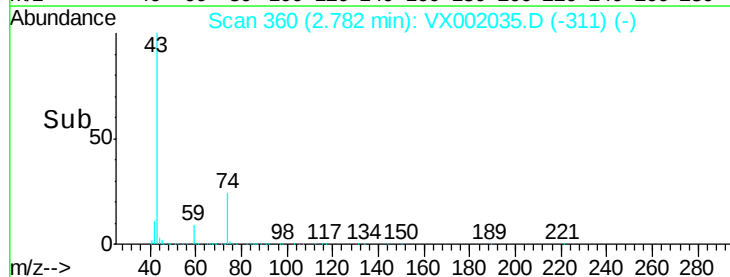
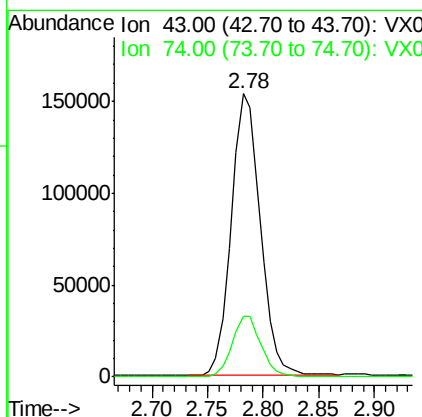
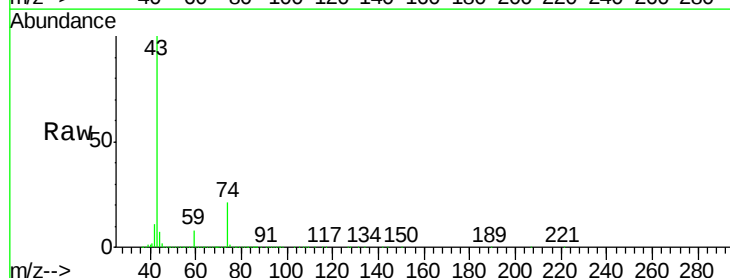
Manual Integrations
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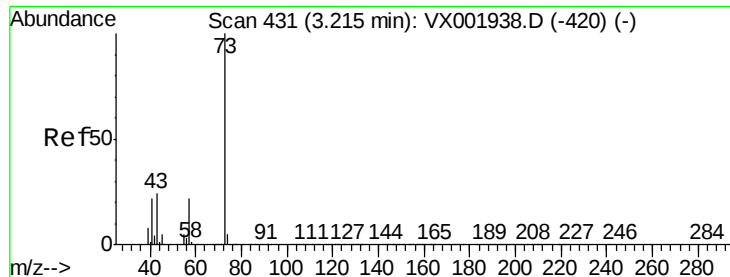
MMDadoda
5/30/2018 1:50:10 PM



#18
Methyl Acetate
Concen: 85.59 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX002035.D
Acq: 26 May 2018 22:33

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.3	16.8	25.2





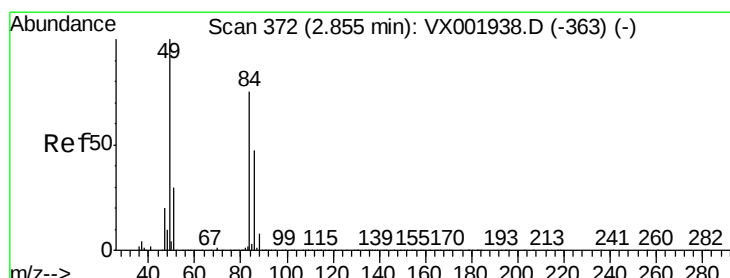
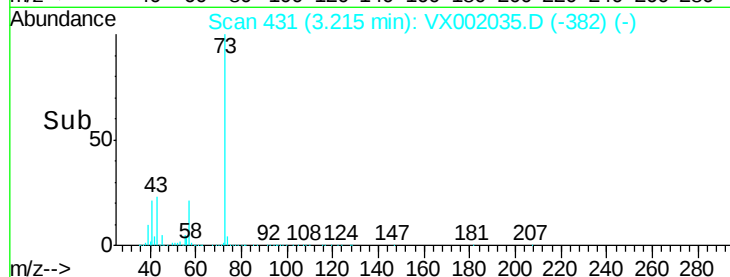
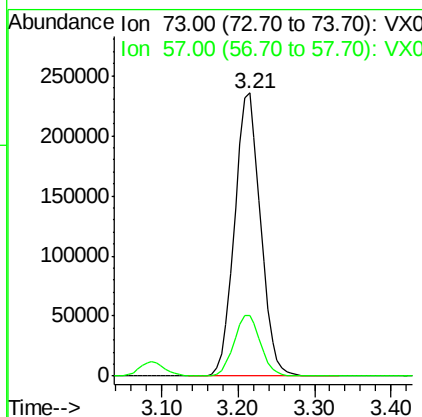
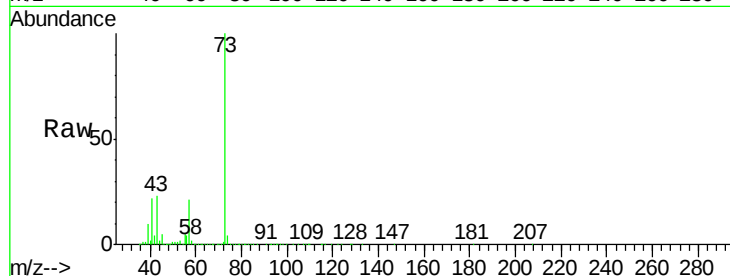
#19
Methvl tert-butvl Ether
Concen: 63.87 ug/l
RT: 3.21 min Scan# 431
Delta R.T. -0.00 min
Lab File: VX002035.D
Acq: 26 May 2018 22:33

Instrument :
MSVOA_X
ClientSampleId :
SS052MW354-180522MS

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.4	17.4	26.0

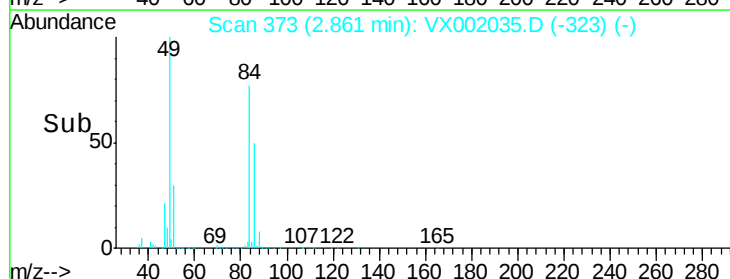
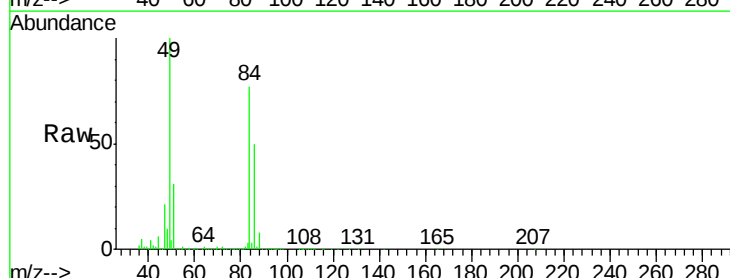
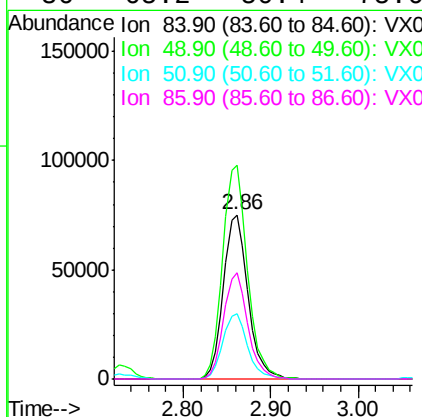
Manual Integrations
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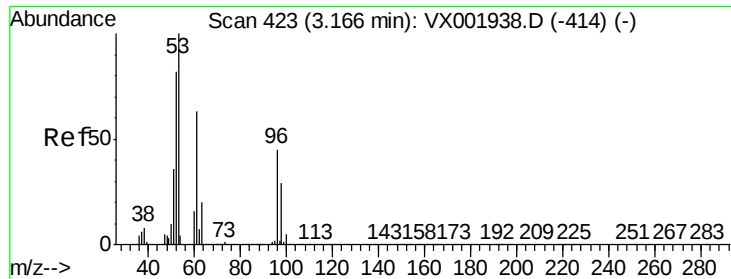
MMDadoda
5/30/2018 1:50:10 PM



#20
Methylene Chloride
Concen: 62.36 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX002035.D
Acq: 26 May 2018 22:33

Tgt Ion	Ratio	Lower	Upper
84	100		
49	130.3	107.2	160.8
51	39.7	32.4	48.6
86	65.2	50.4	75.6





#21

trans-1,2-Dichloroethene

Concen: 57.36 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002035.D

Acq: 26 May 2018 22:33

Instrument :

MSVOA_X

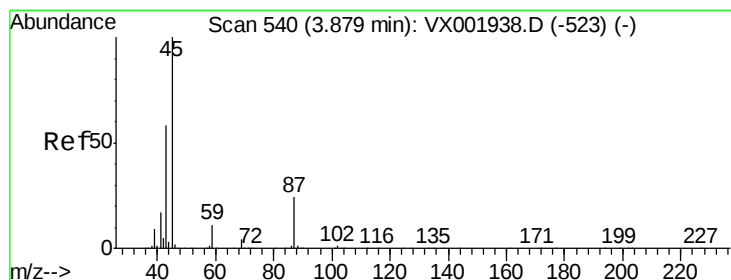
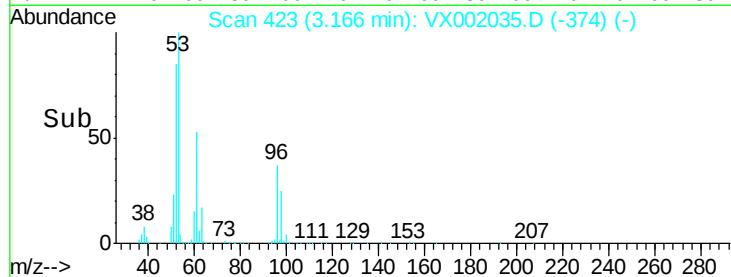
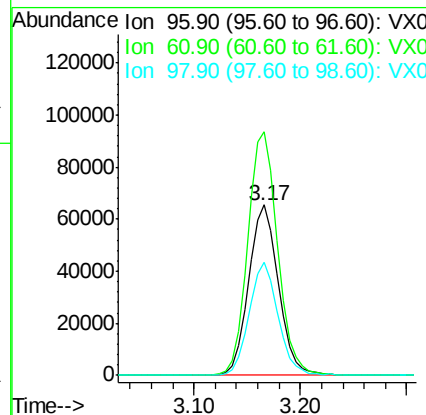
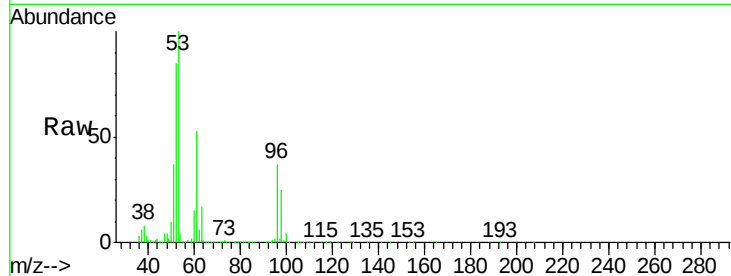
ClientSampleId :

SS052MW354-180522MS

Tot Ion:	96	Resp:	127969
Ion	Ratio	Lower	Upper
96	100		
61	142.6	113.3	169.9
98	66.4	51.7	77.5

Manual Integrations
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5/30/2018 1:50:10 PM



#22

Diisopropyl ether

Concen: 52.31 ug/l

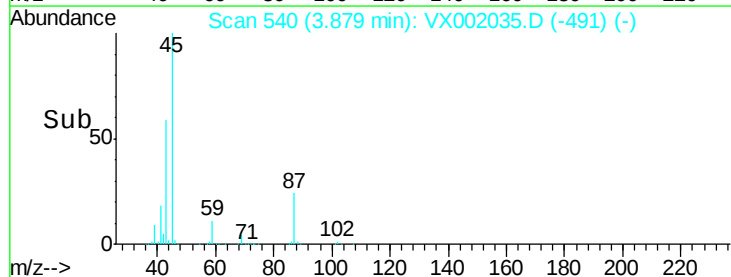
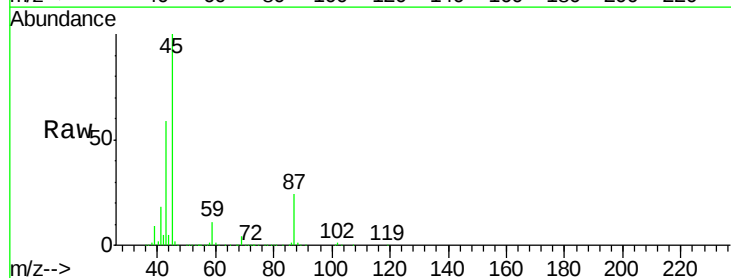
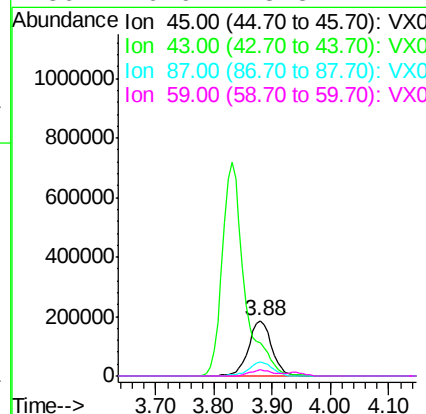
RT: 3.88 min Scan# 540

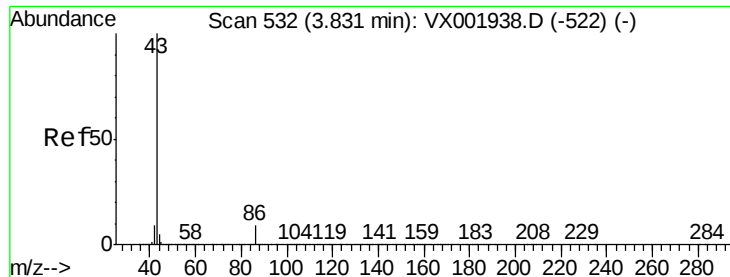
Delta R.T. -0.00 min

Lab File: VX002035.D

Acq: 26 May 2018 22:33

Tgt Ion:	45	Resp:	513928
Ion	Ratio	Lower	Upper
45	100		
43	59.0	47.0	70.6
87	24.4	19.4	29.0
59	10.9	8.5	12.7





#23

Vinyl Acetate

Concen: 233.01 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX002035.D

Acq: 26 May 2018 22:33

Instrument :

MSVOA_X

ClientSampleId :

SS052MW354-180522MS

Tot Ion: 43 Resp: 1897959

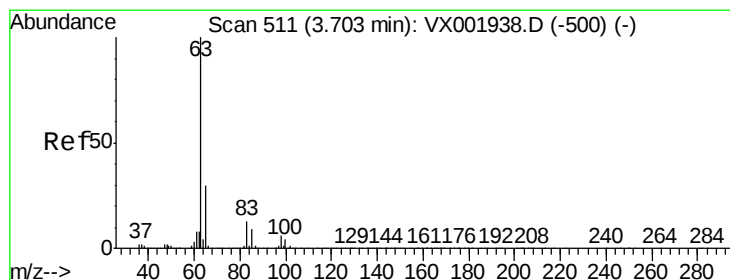
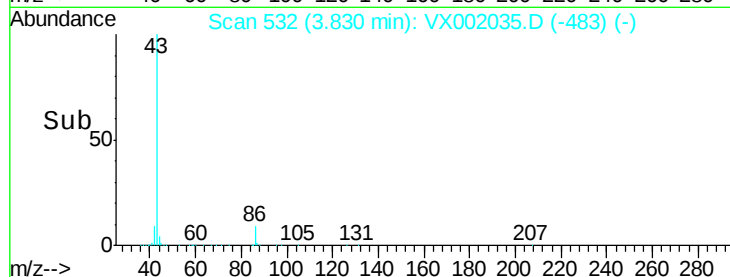
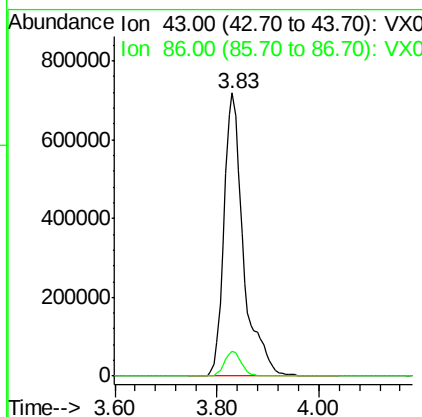
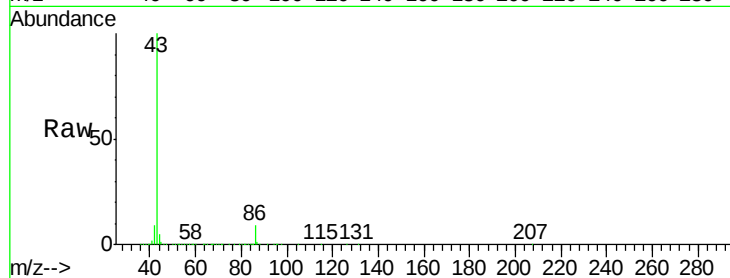
Ion Ratio Lower Upper

43 100

86 8.7 7.6 11.4

Manual Integrations
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#24

1,1-Dichloroethane

Concen: 54.74 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.01 min

Lab File: VX002035.D

Acq: 26 May 2018 22:33

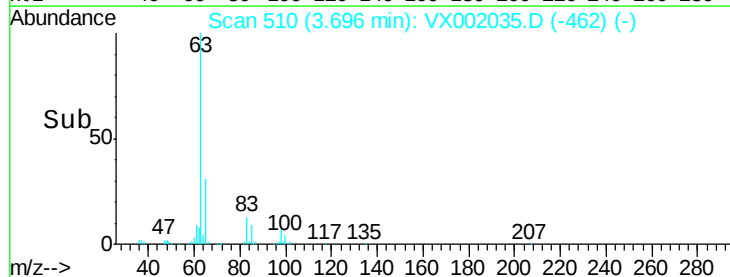
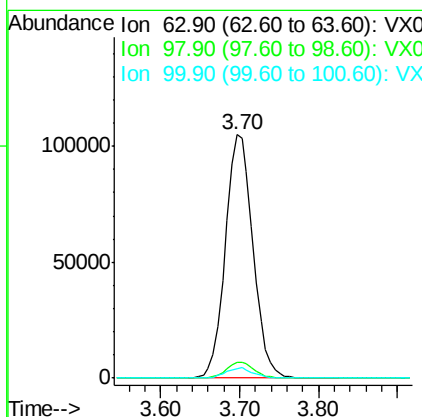
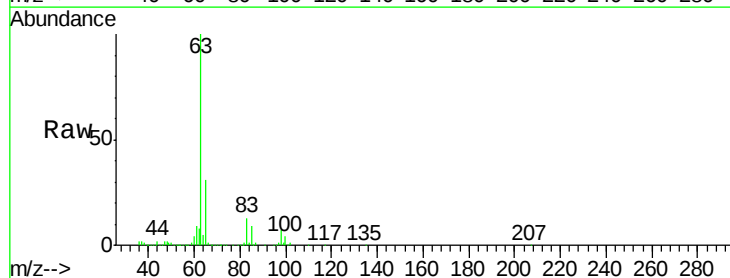
Tgt Ion: 63 Resp: 255439

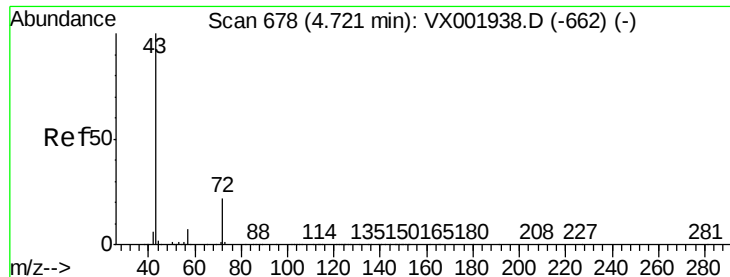
Ion Ratio Lower Upper

63 100

98 6.6 3.3 9.8

100 4.0 2.1 6.5





#25

2-Butanone

Concen: 291.06 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.01 min

Lab File: VX002035.D

Acq: 26 May 2018 22:33

Instrument :

MSVOA_X

ClientSampleId :

SS052MW354-180522MS

Tot Ion: 43 Resp: 726464

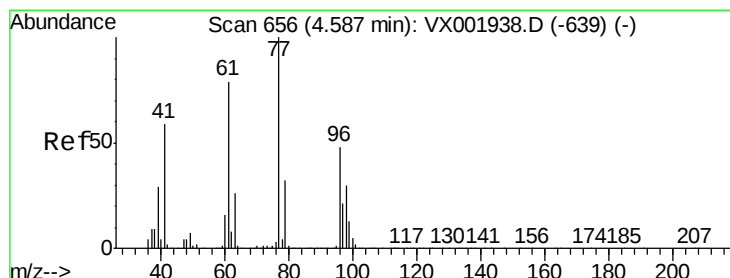
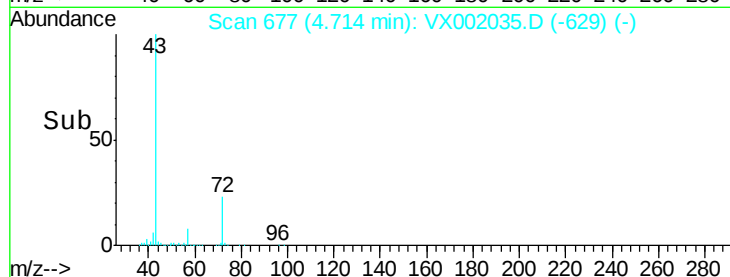
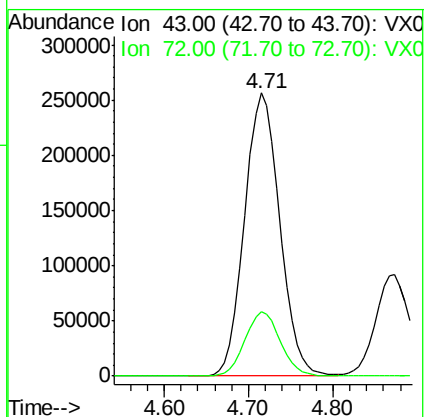
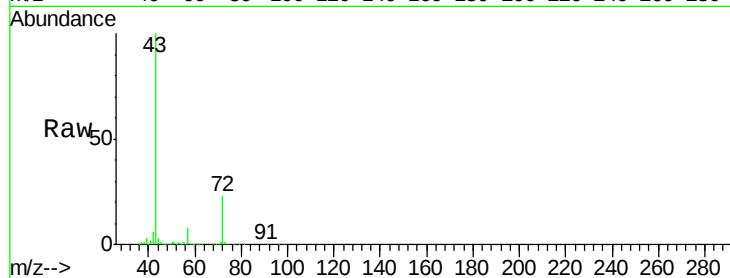
Ion Ratio Lower Upper

43 100

72 22.6 17.9 26.9

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 34.63 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX002035.D

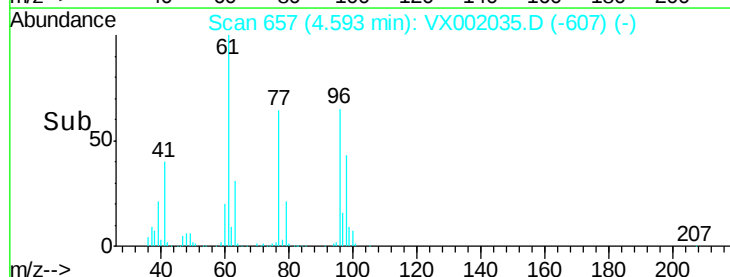
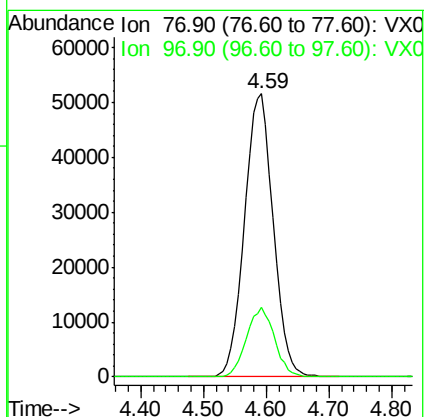
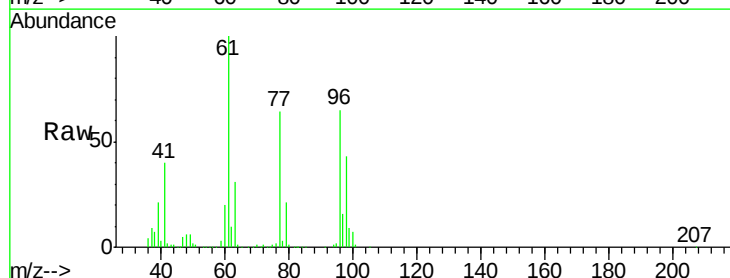
Acq: 26 May 2018 22:33

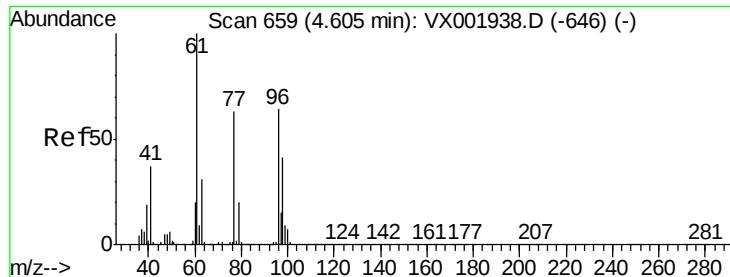
Tgt Ion: 77 Resp: 163583

Ion Ratio Lower Upper

77 100

97 24.1 11.2 33.5





#27

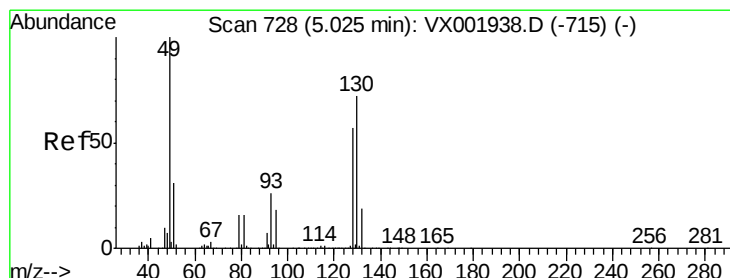
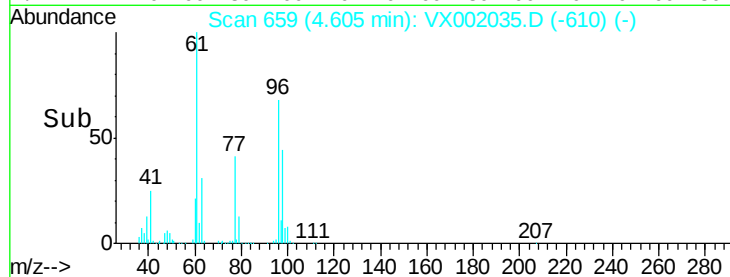
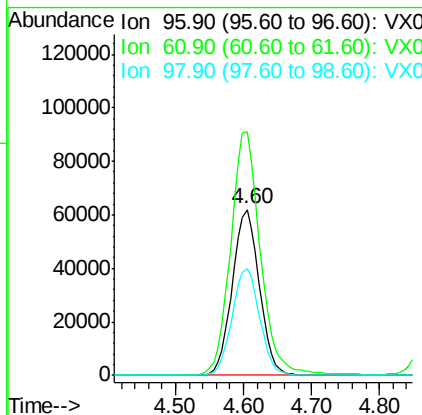
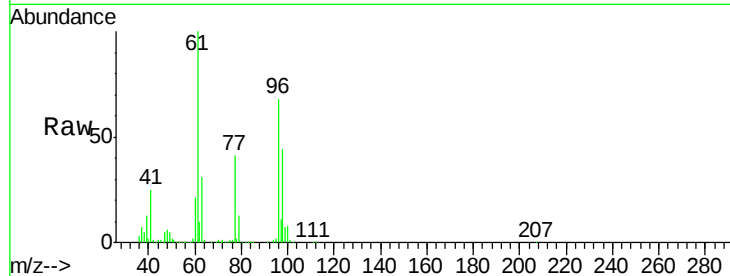
cis-1,2-Dichloroethene
 Concen: 56.99 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. -0.00 min
 Lab File: VX002035.D
 Acq: 26 May 2018 22:33

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW354-180522MS

Tot Ion	Ratio	Lower	Upper
96	100		
61	162.1	0.0	348.4
98	65.7	0.0	128.6

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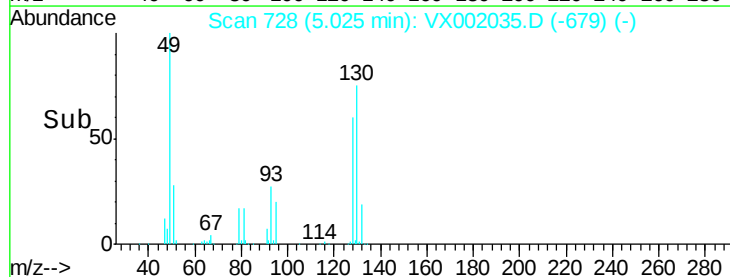
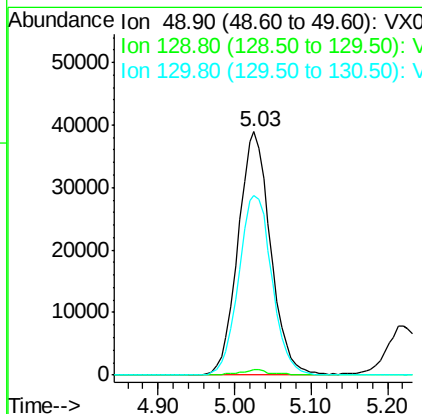
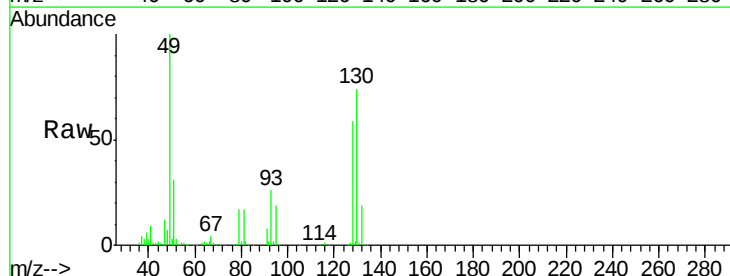
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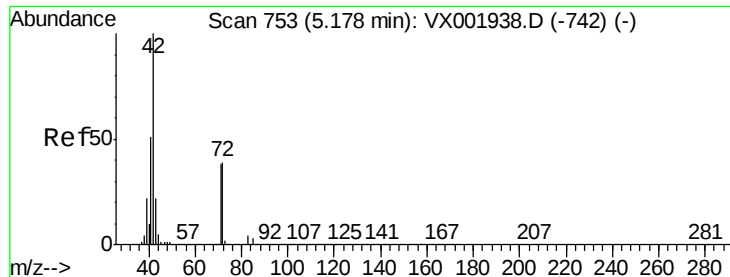


#28

Bromochloromethane
 Concen: 58.90 ug/l
 RT: 5.03 min Scan# 728
 Delta R.T. 0.00 min
 Lab File: VX002035.D
 Acq: 26 May 2018 22:33

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	3.8
130	75.4	59.4	89.2





#29

Tetrahydrofuran

Concen: 290.15 ug/l

RT: 5.17 min Scan# 752

Delta R.T. -0.01 min

Lab File: VX002035.D

Acq: 26 May 2018 22:33

Instrument :

MSVOA_X

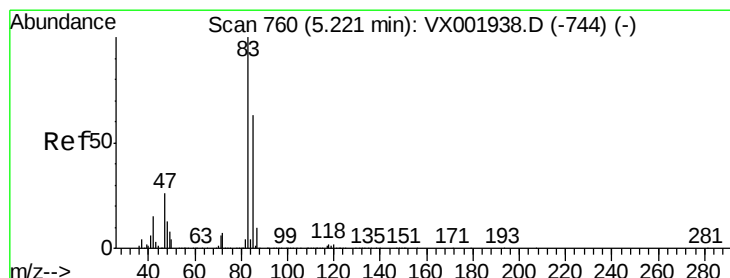
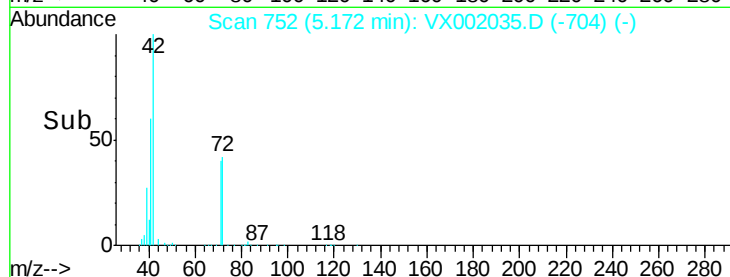
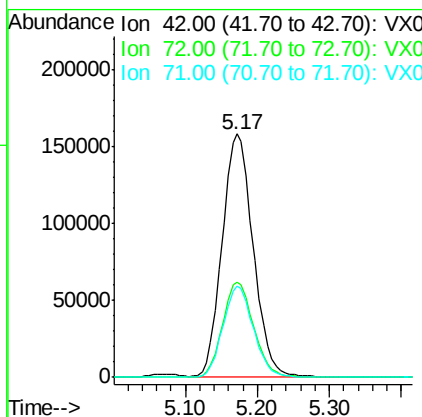
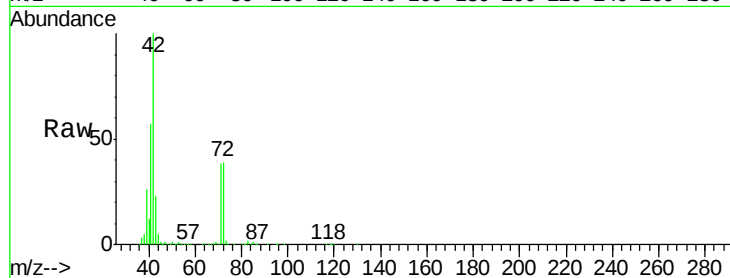
ClientSampleId :

SS052MW354-180522MS

Tot Ion:	42	Resp:	471170
Ion	Ratio	Lower	Upper
42	100		
72	39.4	31.4	47.0
71	37.1	29.5	44.3

Manual Integrations
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#30

Chloroform

Concen: 50.55 ug/l

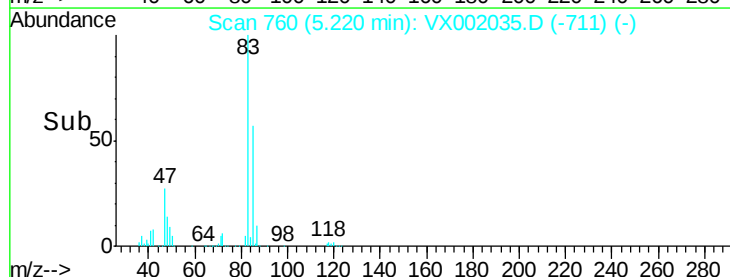
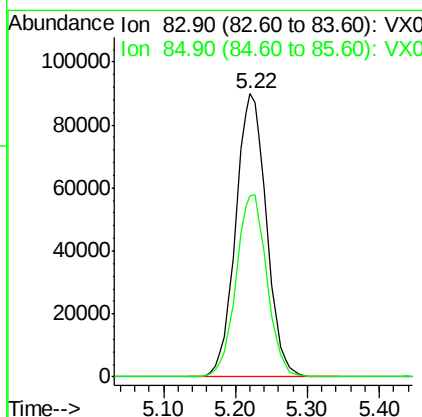
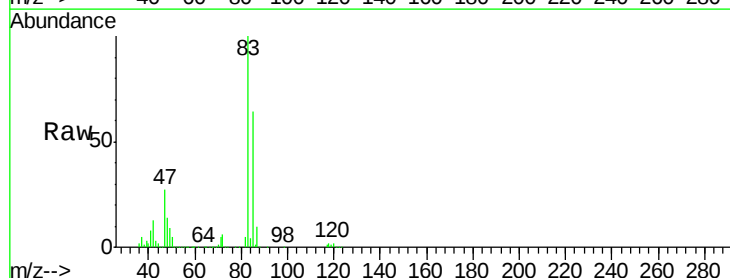
RT: 5.22 min Scan# 760

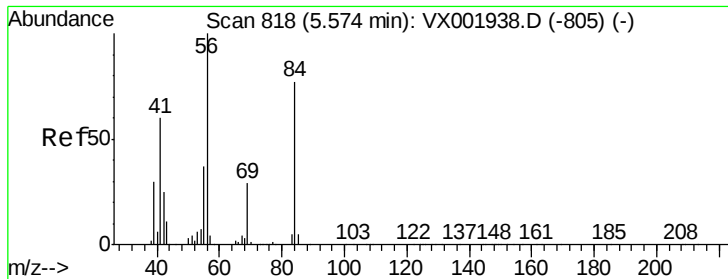
Delta R.T. -0.00 min

Lab File: VX002035.D

Acq: 26 May 2018 22:33

Tgt Ion:	83	Resp:	265782
Ion	Ratio	Lower	Upper
83	100		
85	63.8	50.9	76.3





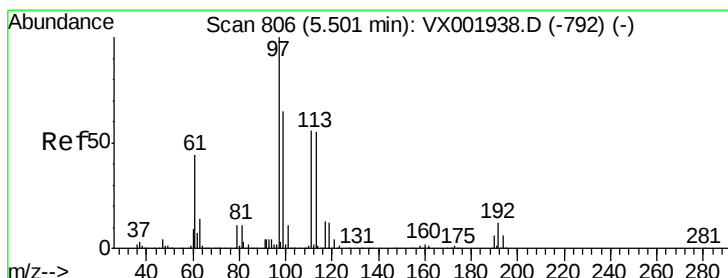
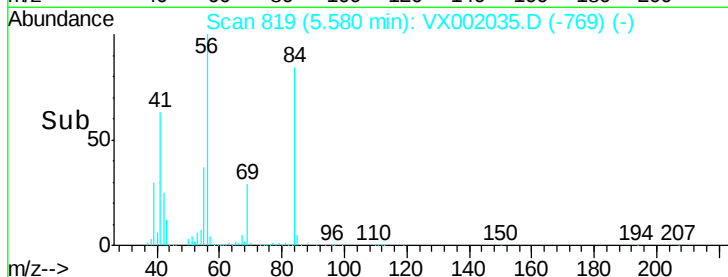
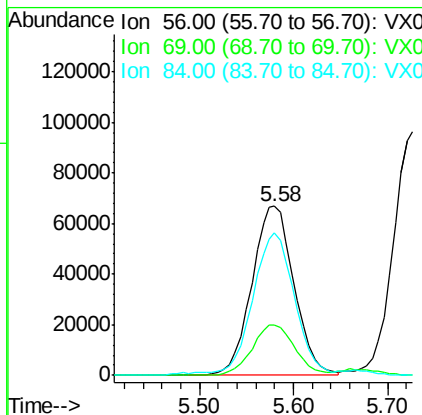
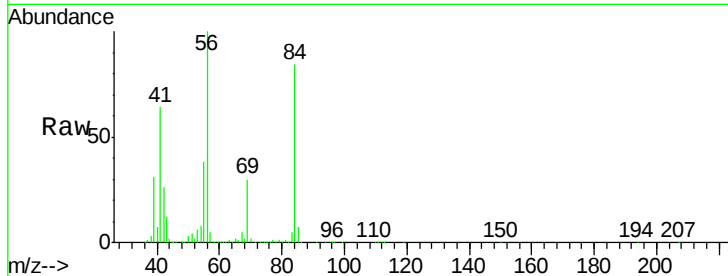
#31
Cyclohexane
Concen: 42.94 ug/l
RT: 5.58 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX002035.D
Acq: 26 May 2018 22:33

Instrument :
MSVOA_X
ClientSampleId :
SS052MW354-180522MS

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.5	23.1	34.7
84	83.1	62.0	93.0

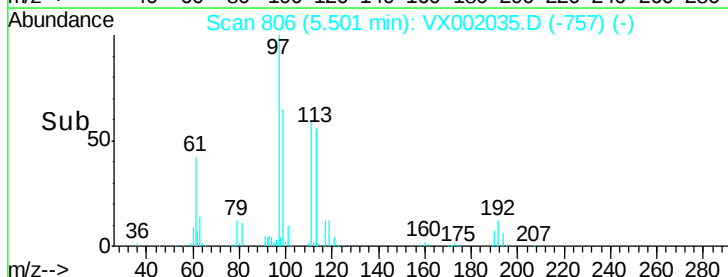
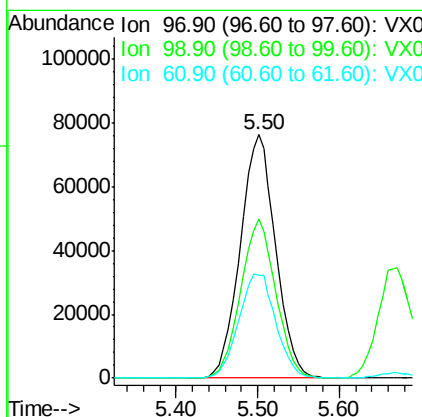
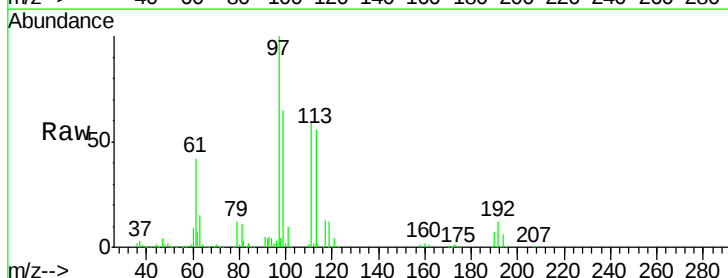
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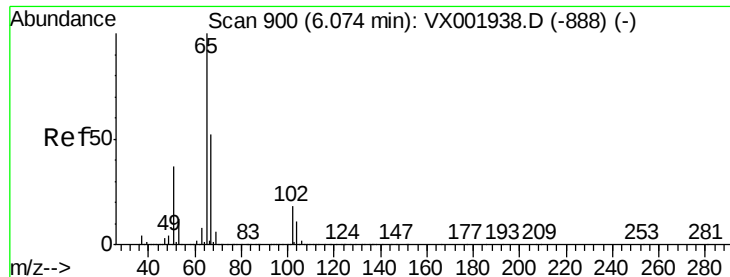
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 46.86 ug/l
RT: 5.50 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX002035.D
Acq: 26 May 2018 22:33

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.9	77.9
61	45.0	35.9	53.9





#33

1,2-Dichloroethane-d4

Concen: 50.00 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX002035.D

Acq: 26 May 2018 22:33

Instrument :

MSVOA_X

ClientSampleId :

SS052MW354-180522MS

Tot Ion: 65 Resp: 176437

Ion Ratio Lower Upper

65 100

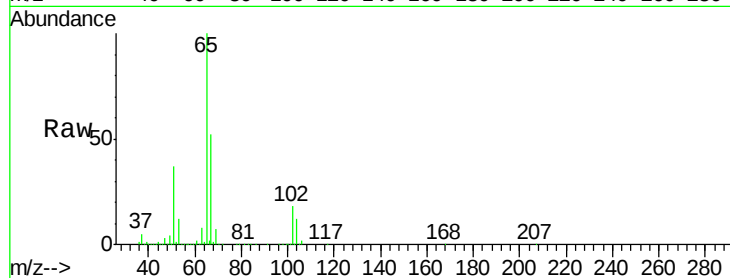
67 52.5 0.0 104.0

Manual Integrations

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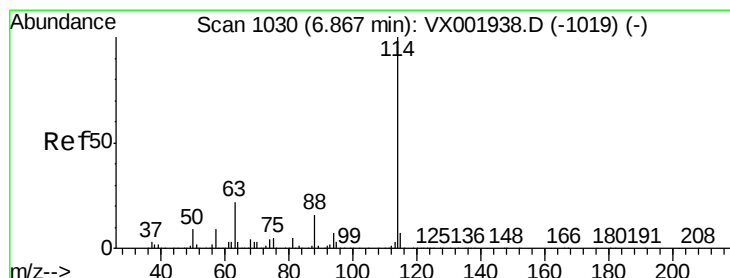
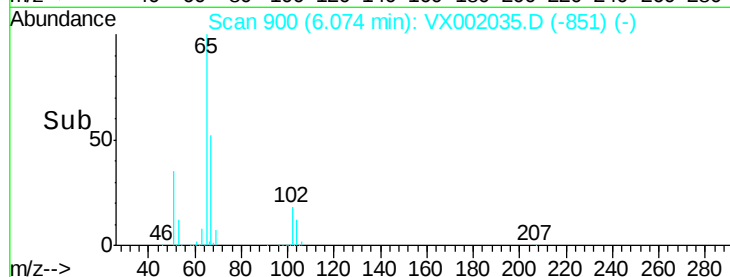
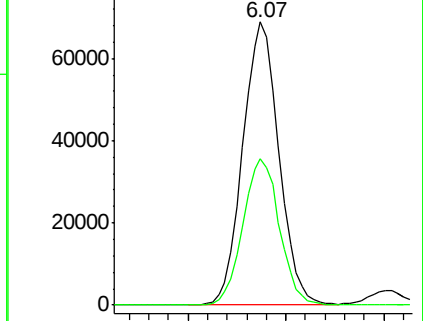
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002035.D

Acq: 26 May 2018 22:33

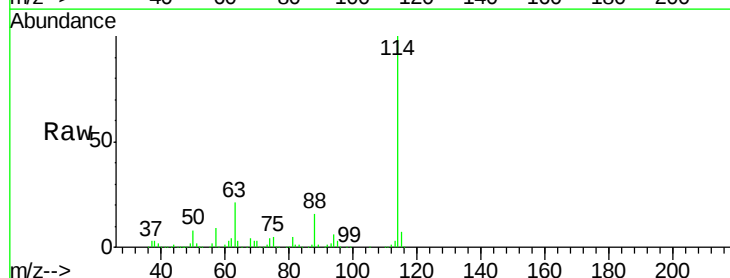
Tgt Ion: 114 Resp: 295586

Ion Ratio Lower Upper

114 100

63 21.1 0.0 43.2

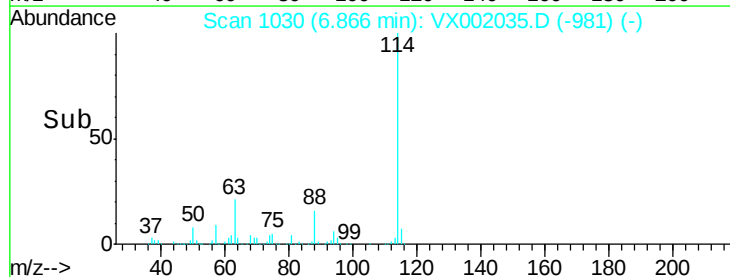
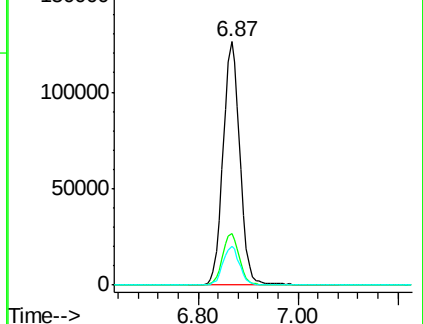
88 16.0 0.0 31.6

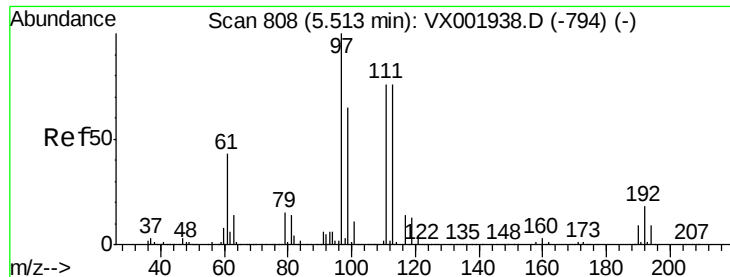


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





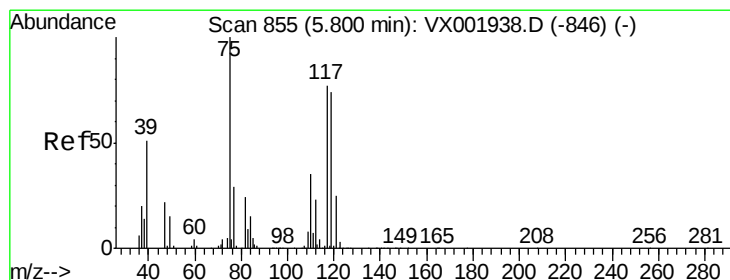
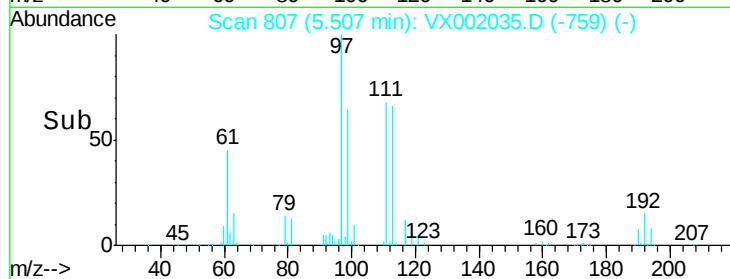
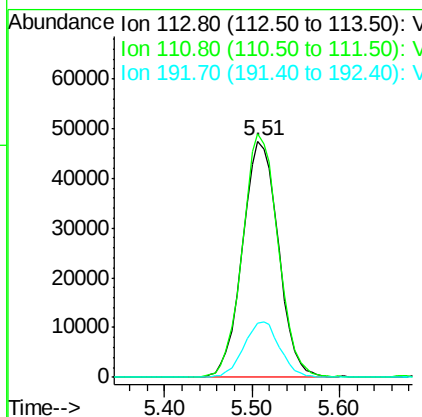
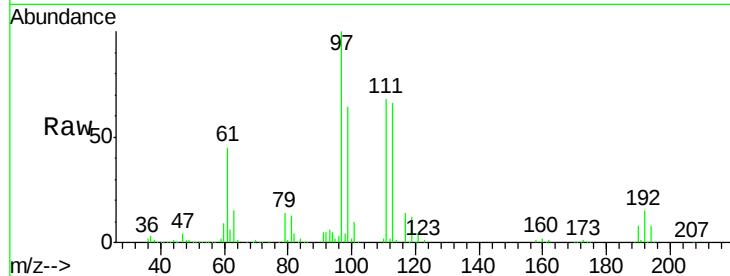
#35
 Dibromofluoromethane
 Concen: 45.76 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: VX002035.D
 Acq: 26 May 2018 22:33

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW354-180522MS

Tot Ion	Ratio	Resp	Lower	Upper
113	100	135260		
111	102.9	82.0	123.0	
192	23.5	18.9	28.3	

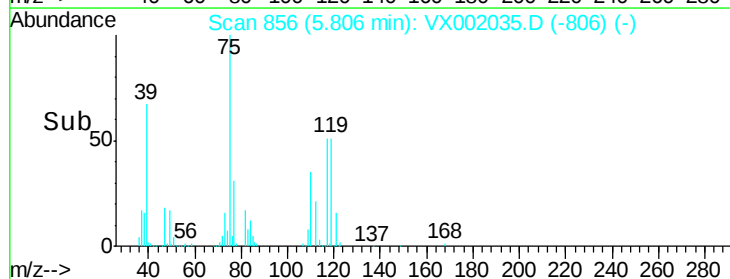
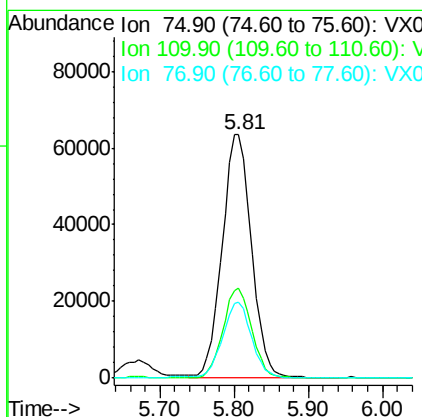
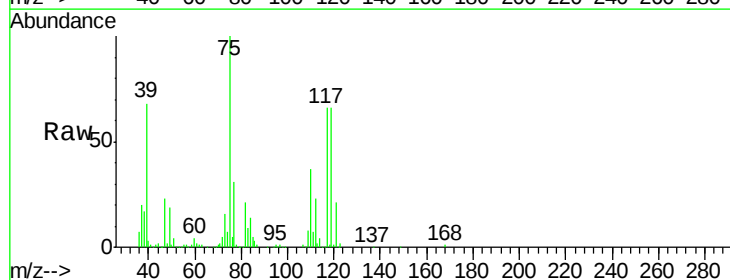
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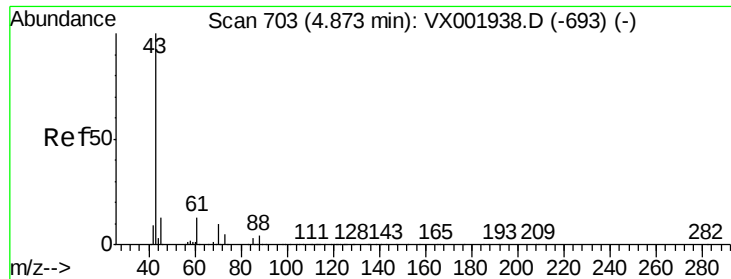
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#36
 1,1-Dichloropropene
 Concen: 42.29 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. 0.01 min
 Lab File: VX002035.D
 Acq: 26 May 2018 22:33

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	173883		
110	36.5	17.4	52.2	
77	30.3	24.4	36.6	





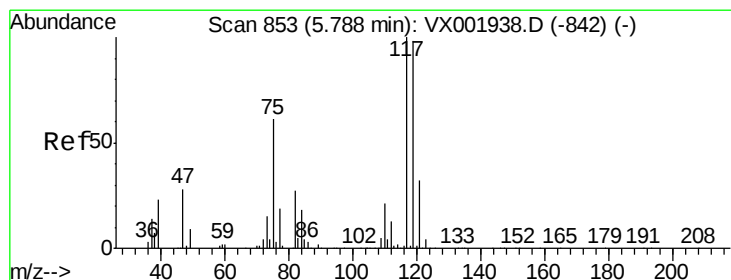
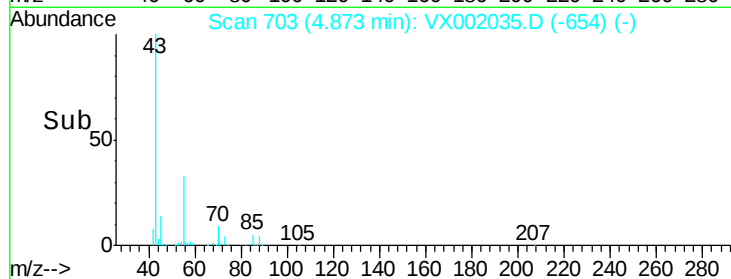
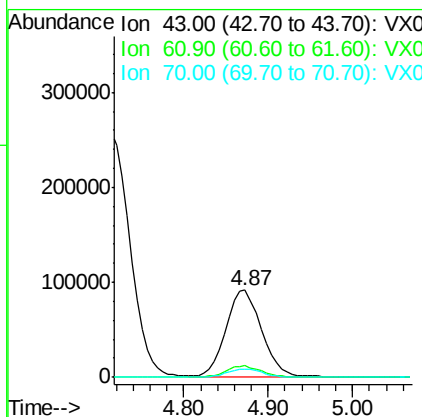
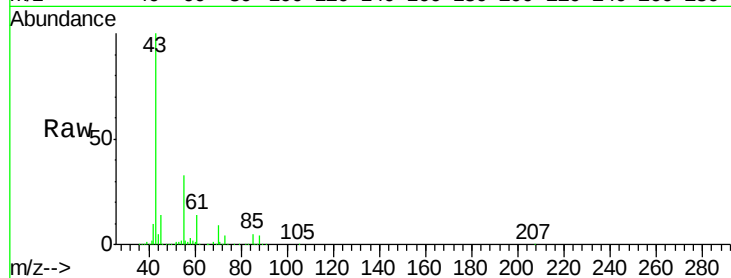
#37
Ethyl Acetate
Concen: 49.31 ug/l
RT: 4.87 min Scan# 703
Delta R.T. -0.00 min
Lab File: VX002035.D
Acq: 26 May 2018 22:33

Instrument :
MSVOA_X
ClientSampleId :
SS052MW354-180522MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.6	10.2	15.2
70	9.8	7.8	11.8

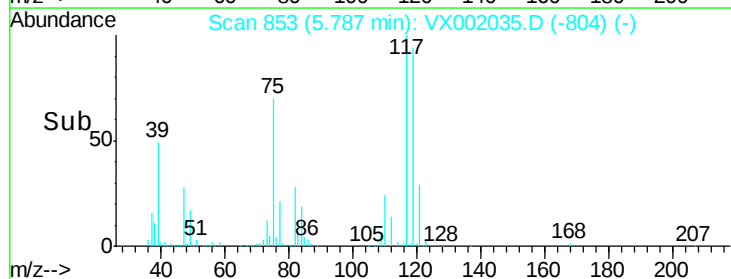
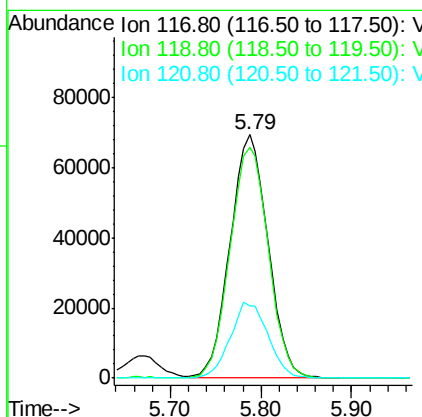
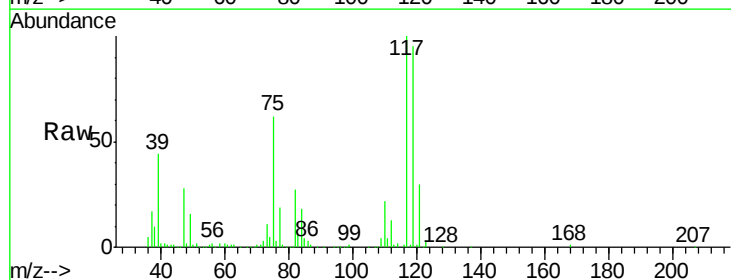
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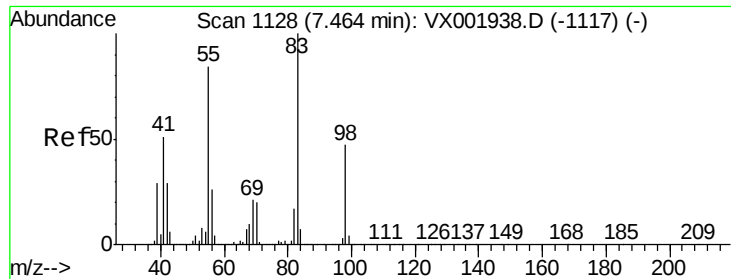
MMDadoda
5/30/2018 1:50:10 PM



#38
Carbon Tetrachloride
Concen: 41.93 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX002035.D
Acq: 26 May 2018 22:33

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.8	78.5	117.7
121	29.6	25.5	38.3





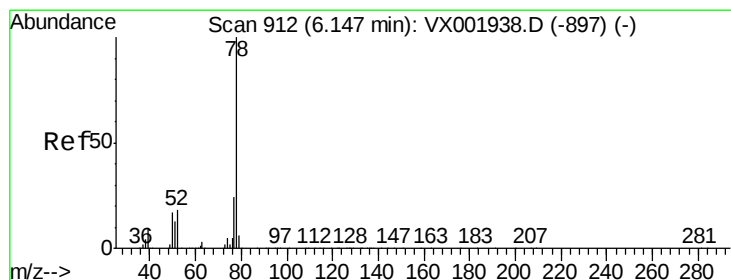
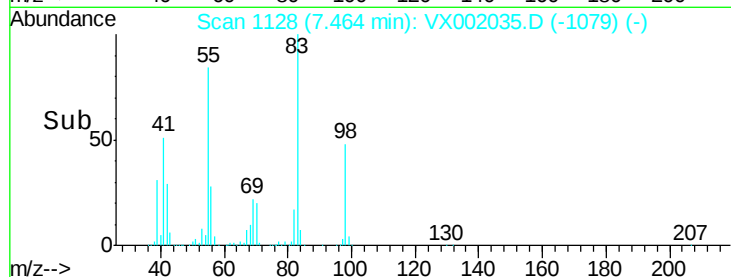
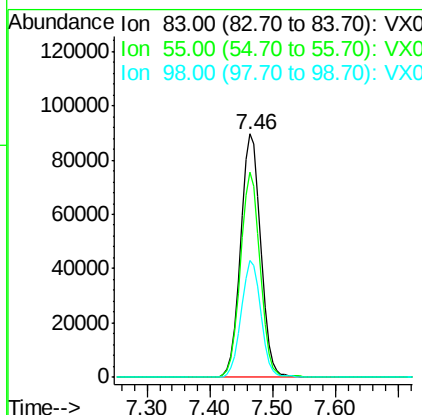
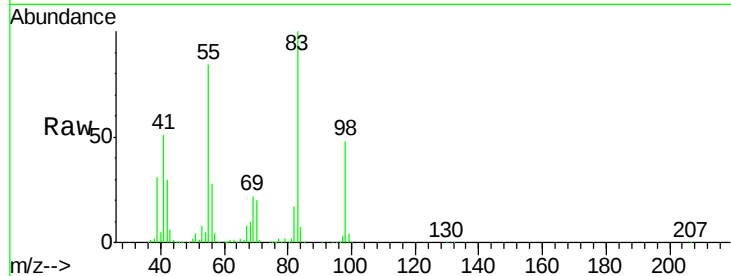
#39
Methvlcvclohexane
Concen: 39.45 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002035.D
Acq: 26 May 2018 22:33

Instrument :
MSVOA_X
ClientSampleId :
SS052MW354-180522MS

Tot Ion	Ratio	Resp	Lower	Upper
83	100	199262		
55	84.0		67.3	100.9
98	47.9		37.5	56.3

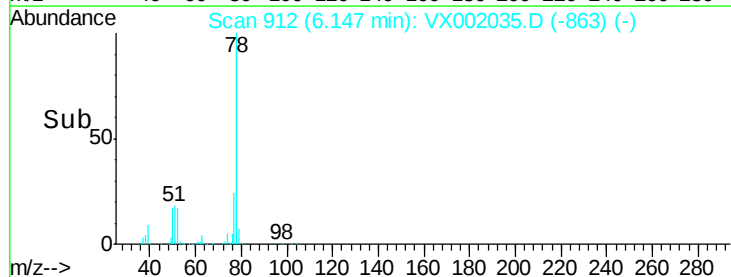
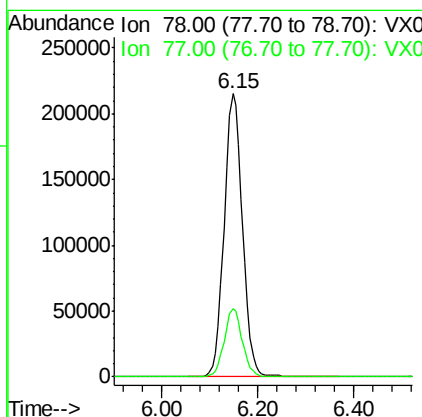
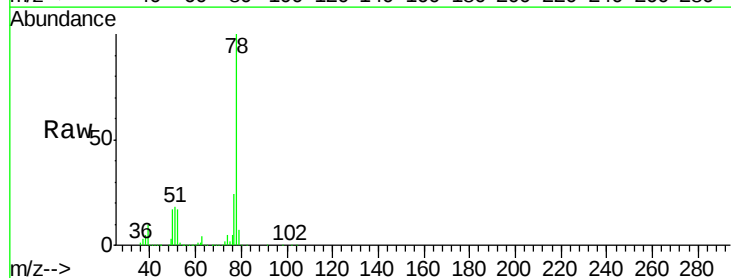
Manual Integrations
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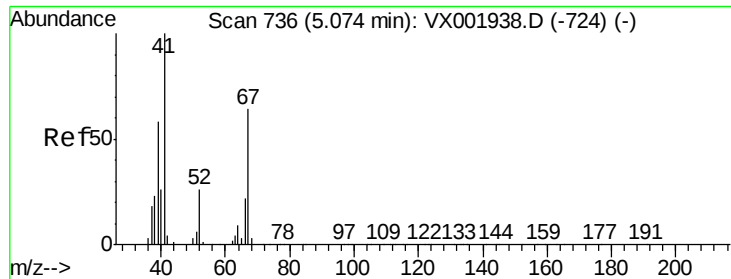
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#40
Benzene
Concen: 47.41 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002035.D
Acq: 26 May 2018 22:33

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	571097		
77	24.3		19.1	28.7





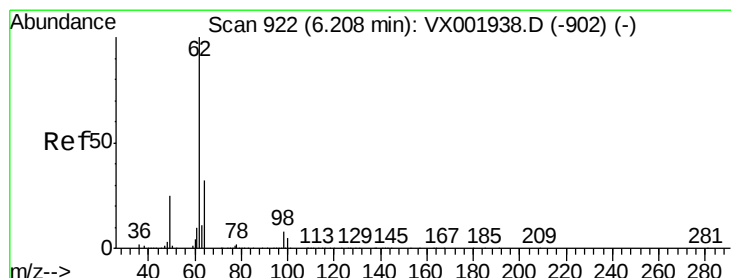
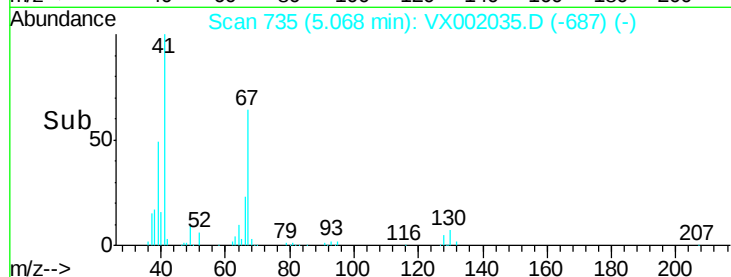
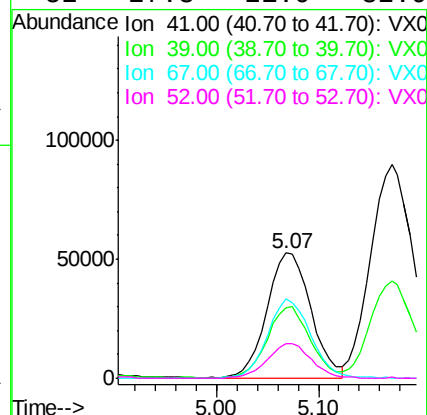
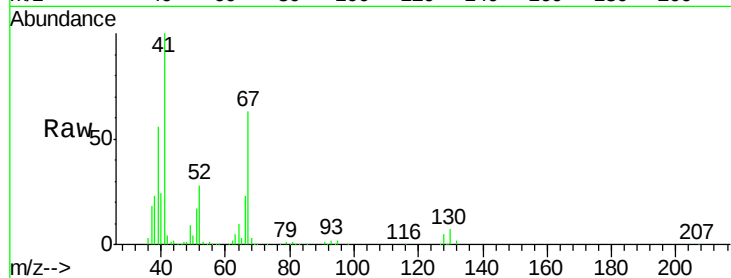
#41
Methacrylonitrile
Concen: 55.39 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX002035.D
Acq: 26 May 2018 22:33

Instrument :
MSVOA_X
ClientSampleId :
SS052MW354-180522MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		156257		
39	55.5	46.0	69.0		
67	61.8	50.6	75.8		
52	27.3	21.9	32.9		

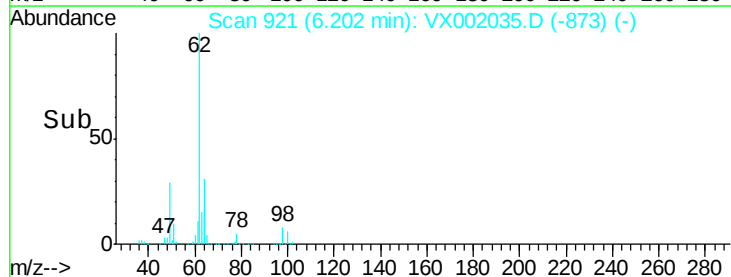
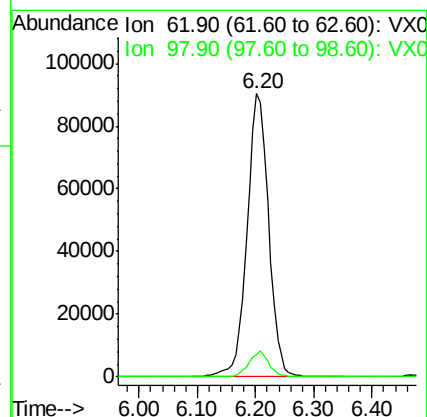
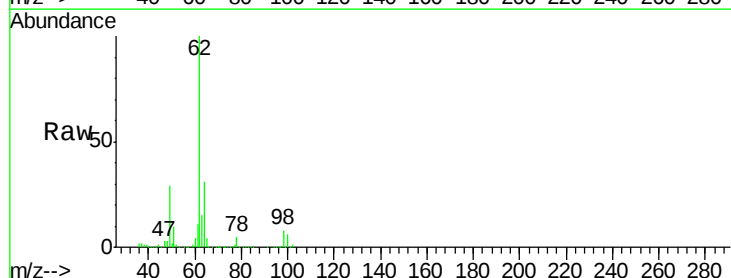
Manual Integrations
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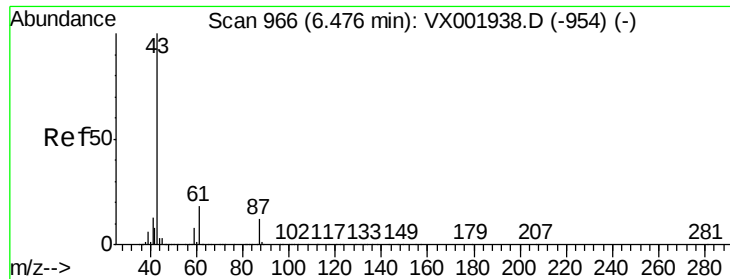
MMDadoda
5/30/2018 1:50:10 PM



#42
1,2-Dichloroethane
Concen: 48.24 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.01 min
Lab File: VX002035.D
Acq: 26 May 2018 22:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		232086		
98	8.4	0.0	17.0		





#43

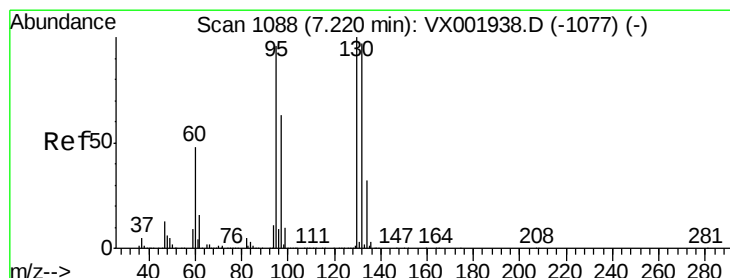
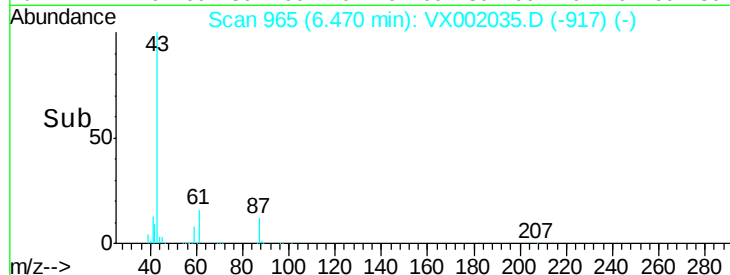
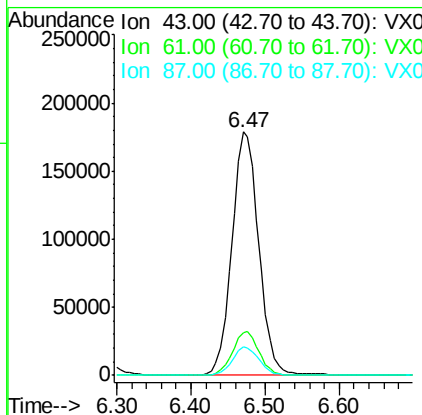
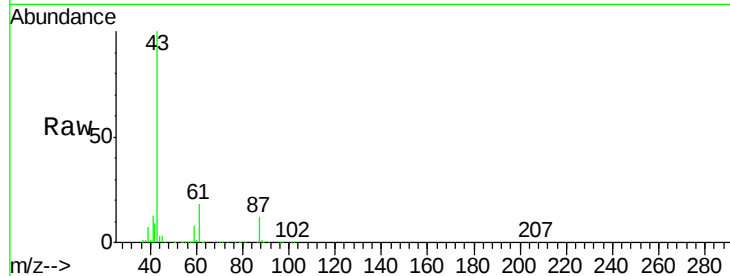
Isopropyl Acetate
 Concen: 50.24 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.01 min
 Lab File: VX002035.D
 Acq: 26 May 2018 22:33

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW354-180522MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
43	43	100			
61	61	17.9		14.5	21.7
87	87	11.7		9.5	14.3

Manual Integrations
 APPROVED

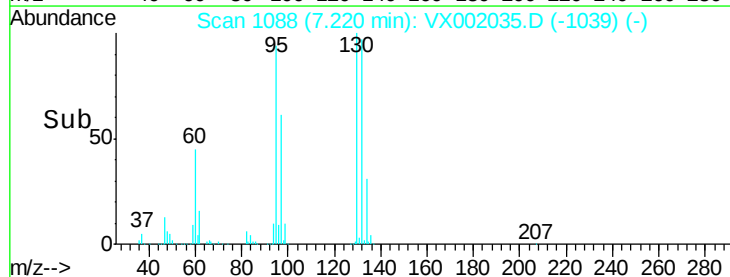
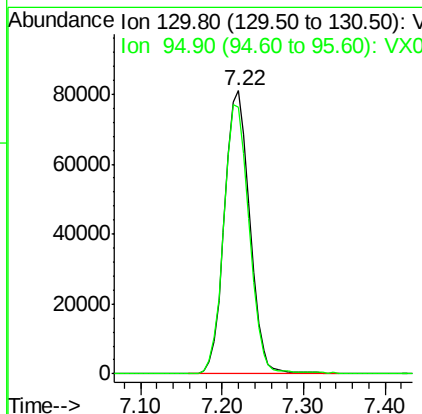
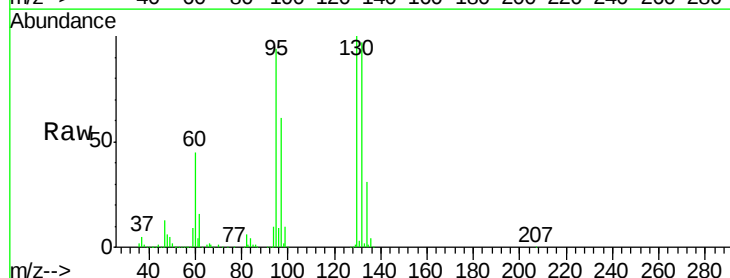
MMDadoda
 5/30/2018 1:50:10 PM

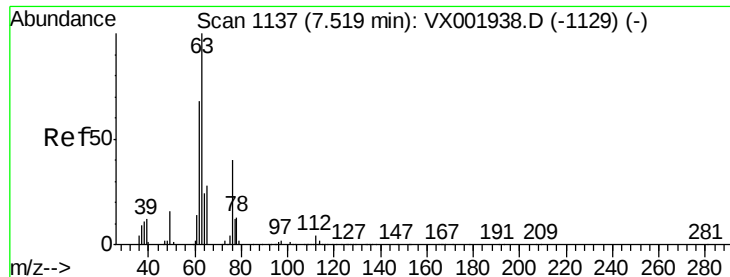


#44

Trichloroethene
 Concen: 49.58 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX002035.D
 Acq: 26 May 2018 22:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
130	130	100			
95	95	94.3		0.0	192.0





#45

1,2-Dichloropropane

Concen: 49.06 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.00 min

Lab File: VX002035.D

Acq: 26 May 2018 22:33

Instrument :

MSVOA_X

ClientSampleId :

SS052MW354-180522MS

Tot Ion: 63 Resp: 160485

Ion Ratio Lower Upper

63 100

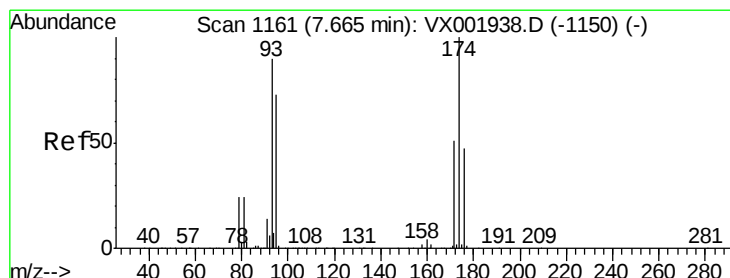
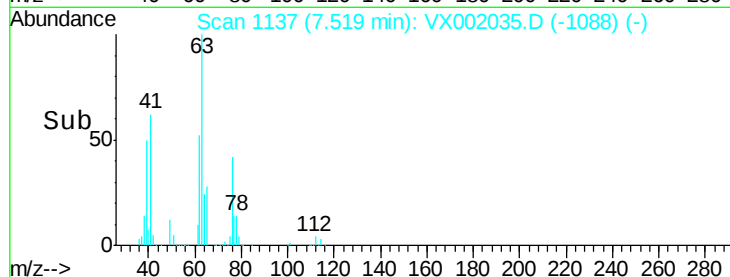
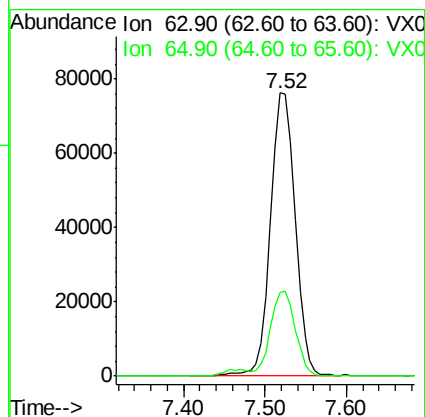
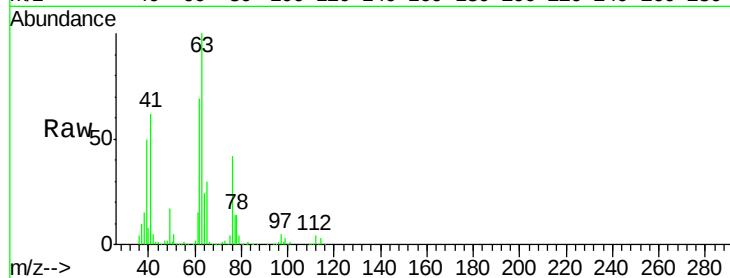
65 29.6 24.1 36.1

Manual Integrations

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MMDadoda

5/30/2018 1:50:10 PM



#46

Dibromomethane

Concen: 49.31 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.00 min

Lab File: VX002035.D

Acq: 26 May 2018 22:33

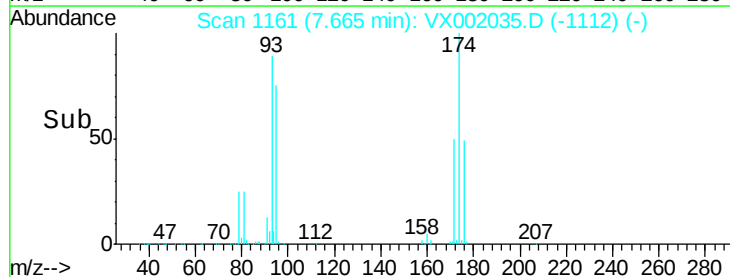
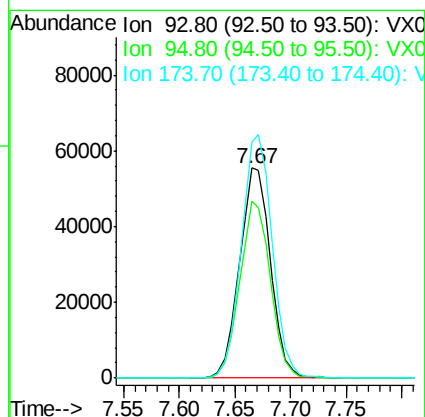
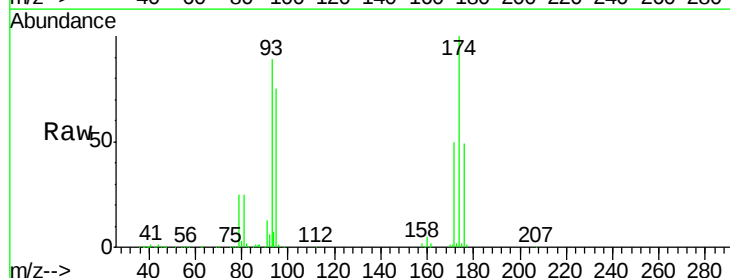
Tgt Ion: 93 Resp: 106786

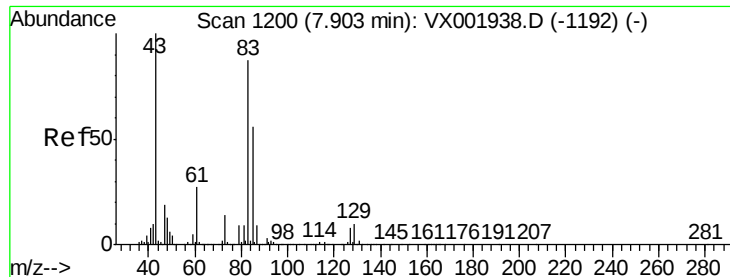
Ion Ratio Lower Upper

93 100

95 83.5 66.1 99.1

174 116.5 92.5 138.7





#47

Bromodichloromethane

Concen: 46.08 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002035.D

Acq: 26 May 2018 22:33

Instrument :

MSVOA_X

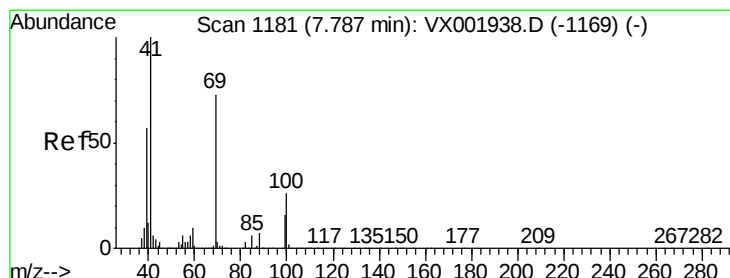
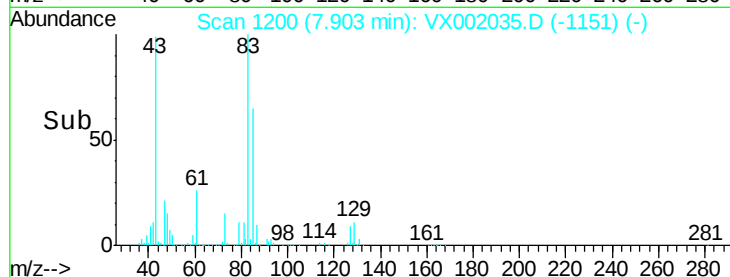
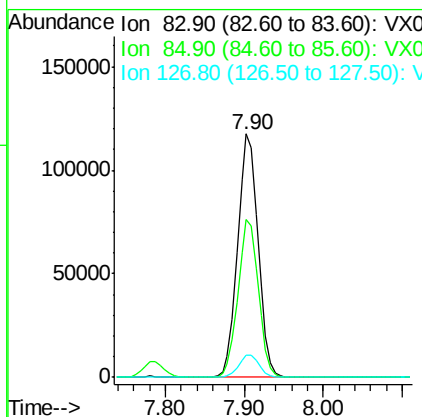
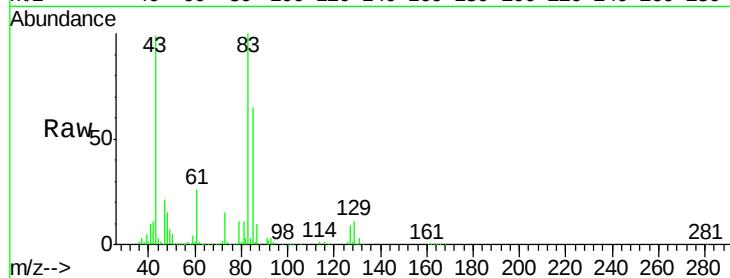
ClientSampleId :

SS052MW354-180522MS

Tot Ion:	83	Resp:	212789
Ion	Ratio	Lower	Upper
83	100		
85	64.7	51.4	77.2
127	8.9	7.1	10.7

Manual Integrations
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5/30/2018 1:50:10 PM



#48

Methyl methacrylate

Concen: 51.39 ug/l

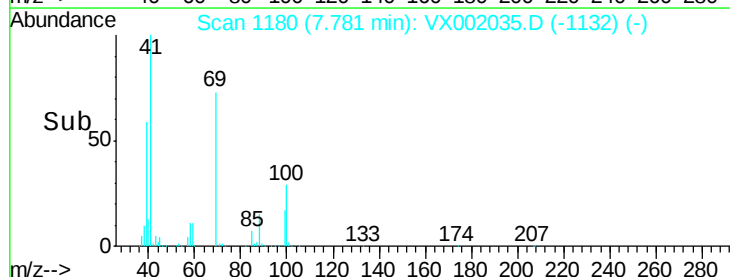
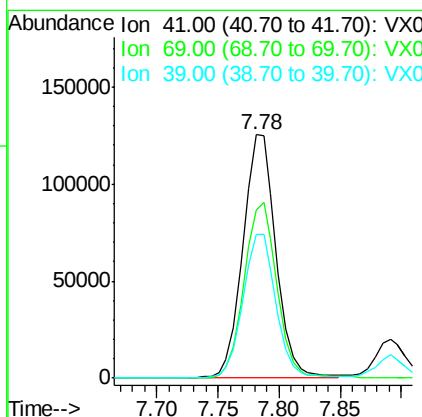
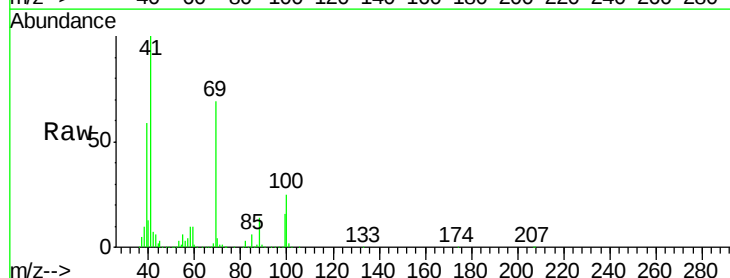
RT: 7.78 min Scan# 1180

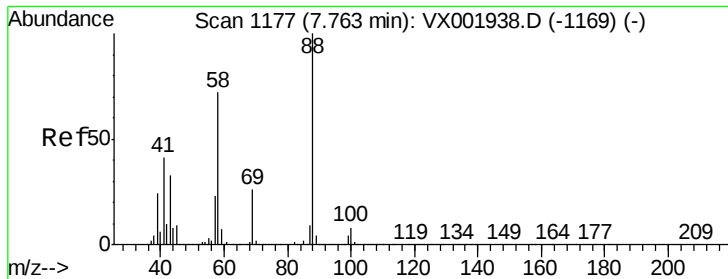
Delta R.T. -0.01 min

Lab File: VX002035.D

Acq: 26 May 2018 22:33

Tgt Ion:	41	Resp:	233593
Ion	Ratio	Lower	Upper
41	100		
69	72.5	58.6	87.8
39	59.1	46.3	69.5





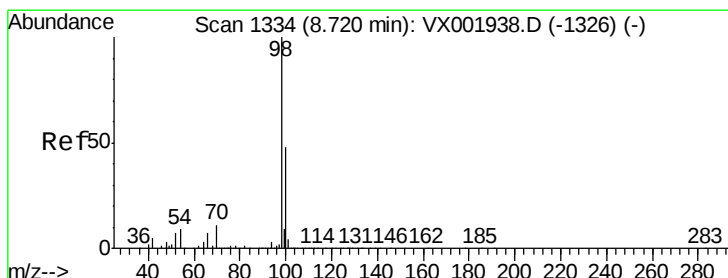
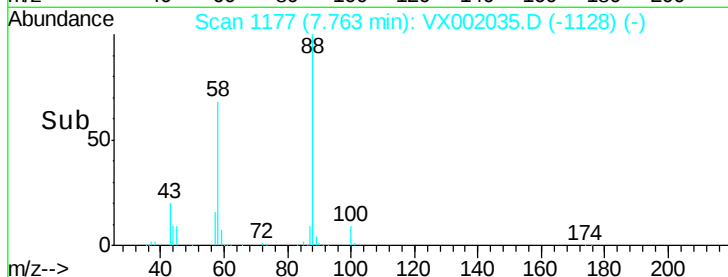
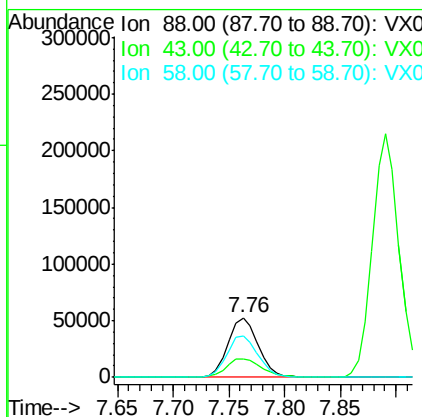
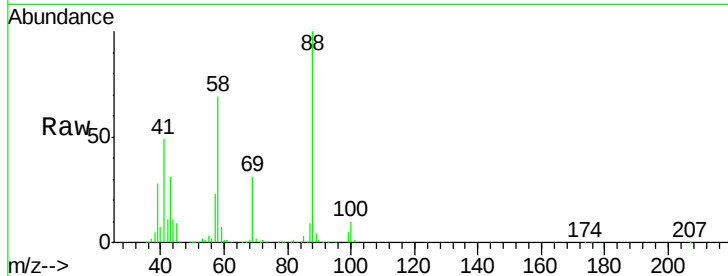
#49
1,4-Dioxane
Concen: 1238.53 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VX002035.D
Acq: 26 May 2018 22:33

Instrument :
MSVOA_X
ClientSampleId :
SS052MW354-180522MS

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.6	29.8	44.8
58	70.8	58.7	88.1

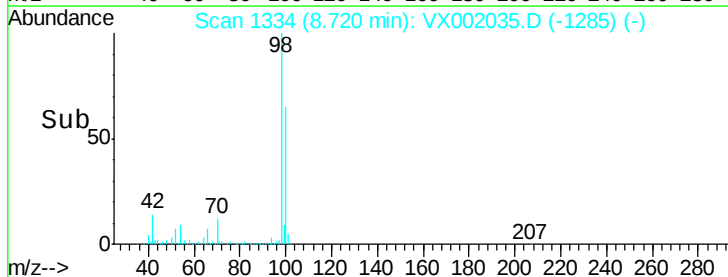
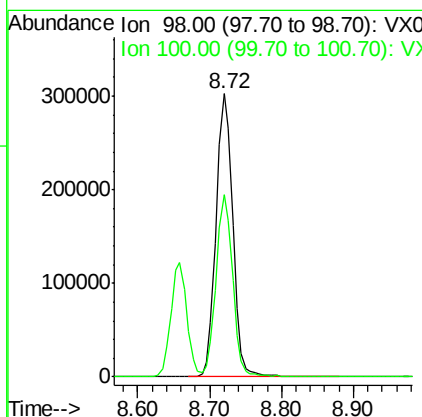
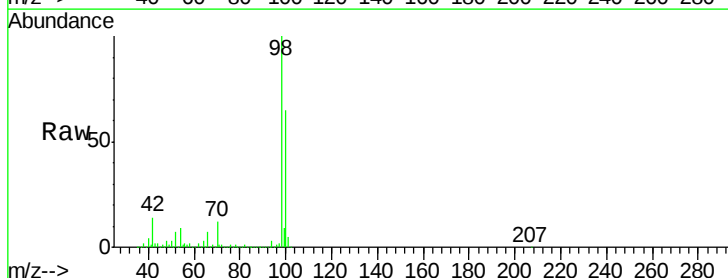
Manual Integrations
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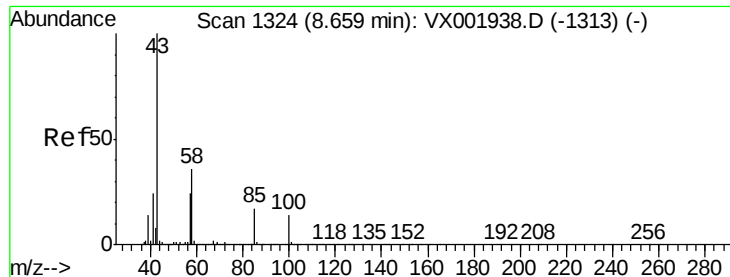
MMDadoda
5/30/2018 1:50:10 PM



#50
Toluene-d8
Concen: 45.47 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002035.D
Acq: 26 May 2018 22:33

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.5	77.3





#51

4-Methyl-2-Pentanone

Concen: 273.67 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.01 min

Lab File: VX002035.D

Acq: 26 May 2018 22:33

Instrument :

MSVOA_X

ClientSampleId :

SS052MW354-180522MS

Tot Ion: 43 Resp: 1473383

Ion Ratio Lower Upper

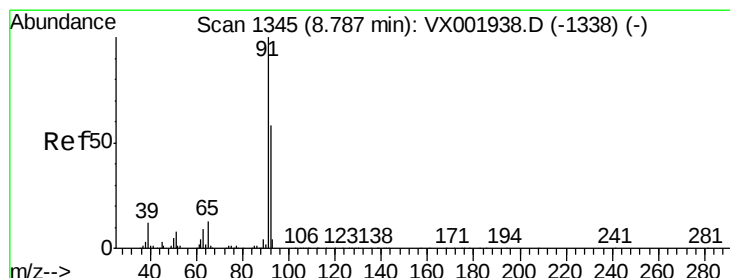
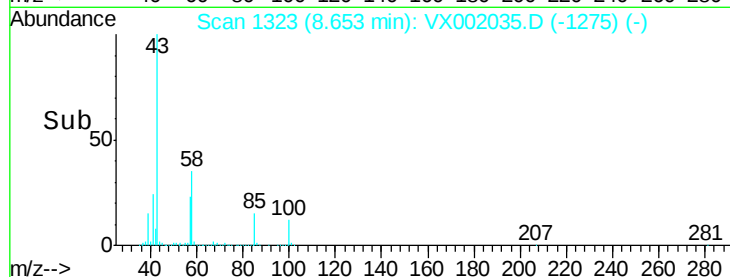
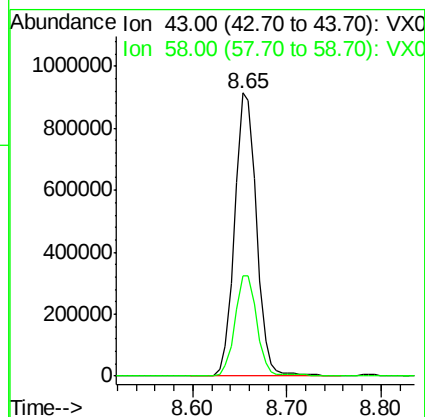
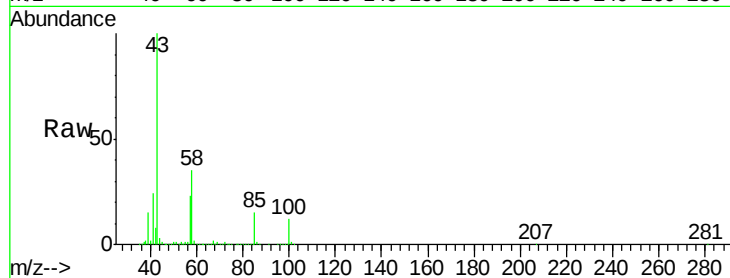
43 100

58 35.5 28.5 42.7

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#52

Toluene

Concen: 46.40 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002035.D

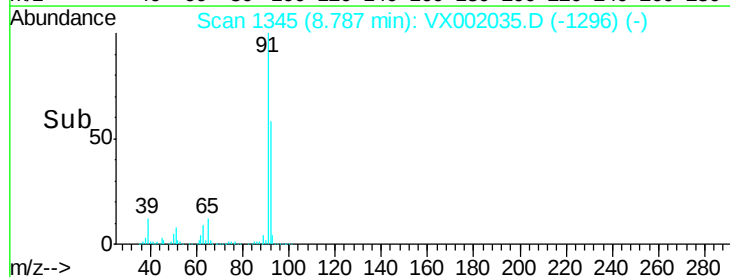
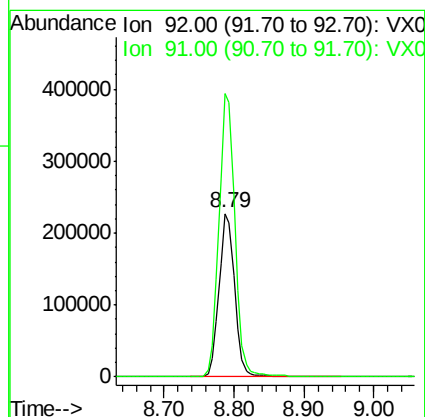
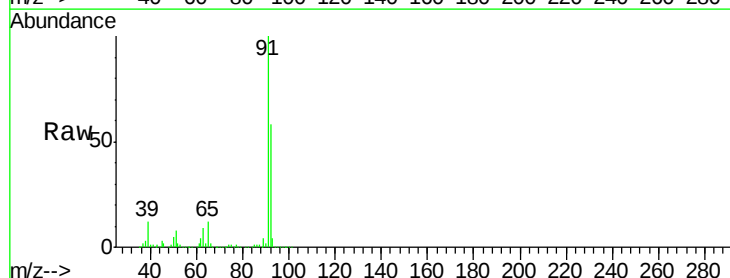
Acq: 26 May 2018 22:33

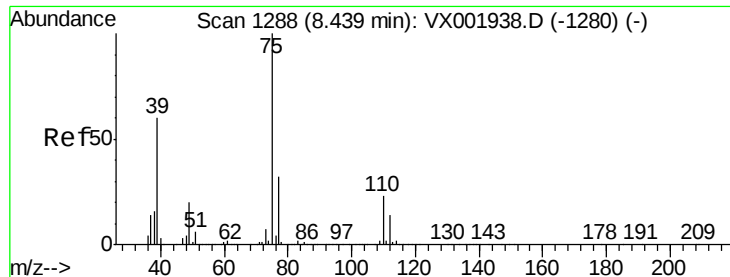
Tgt Ion: 92 Resp: 355683

Ion Ratio Lower Upper

92 100

91 176.0 139.4 209.2





#53

t-1,3-Dichloropropene

Concen: 44.82 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX002035.D

Acq: 26 May 2018 22:33

Instrument :

MSVOA_X

ClientSampleId :

SS052MW354-180522MS

Tot Ion: 75 Resp: 238393

Ion Ratio Lower Upper

75 100

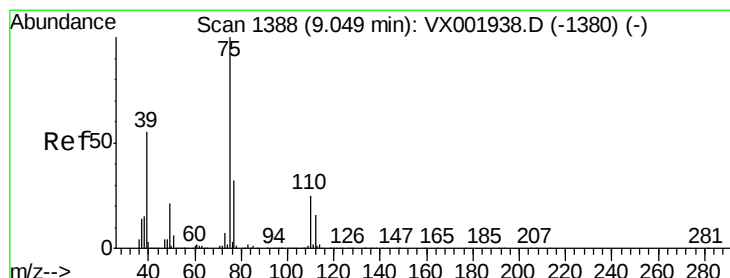
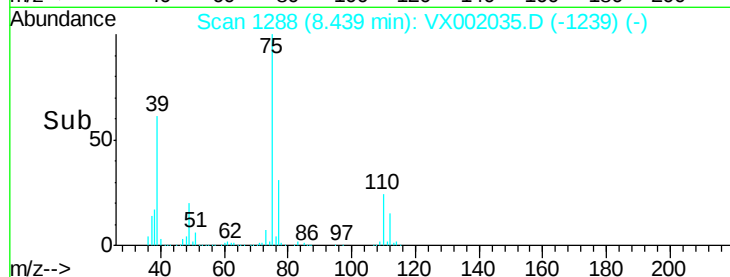
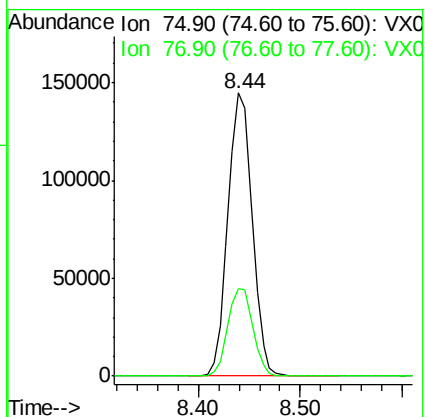
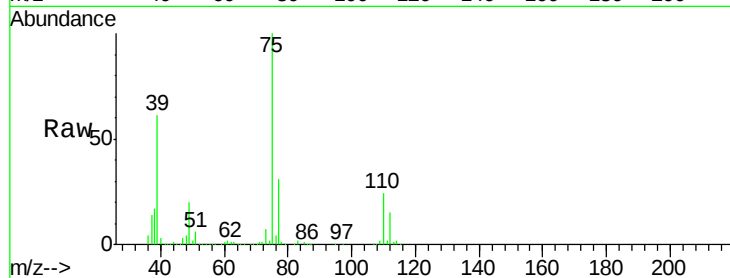
77 31.0 25.5 38.3

Manual Integrations

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5/30/2018 1:50:10 PM



#54

cis-1,3-Dichloropropene

Concen: 44.19 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX002035.D

Acq: 26 May 2018 22:33

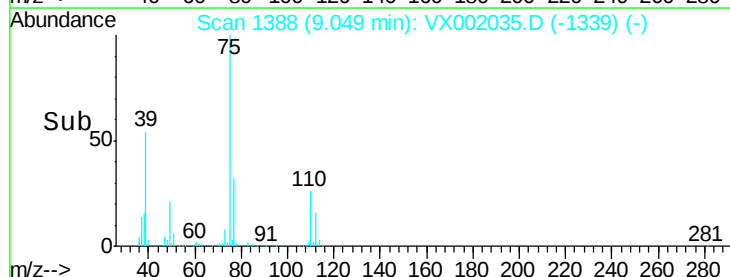
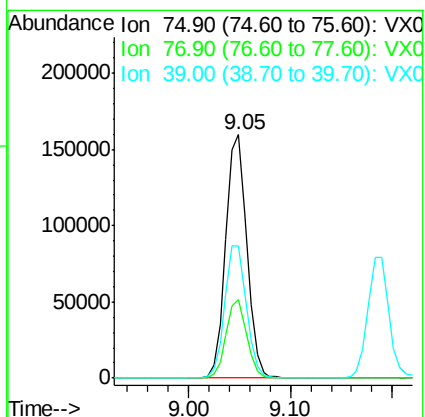
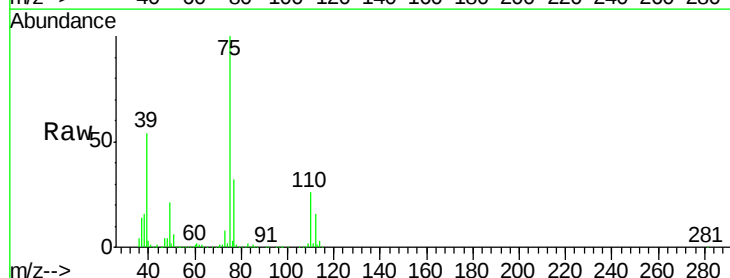
Tgt Ion: 75 Resp: 229007

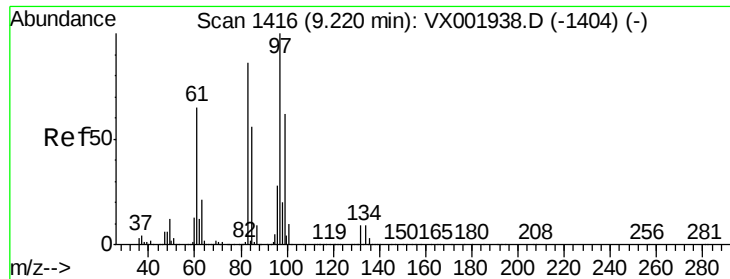
Ion Ratio Lower Upper

75 100

77 32.0 25.4 38.0

39 54.3 44.1 66.1





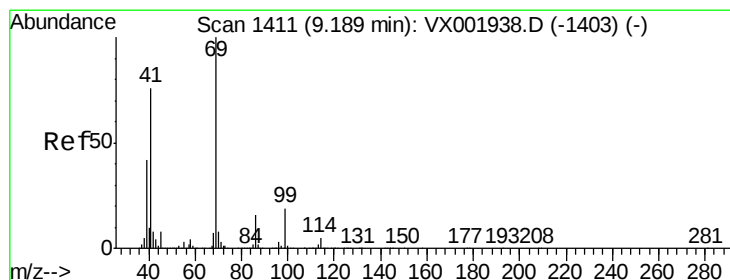
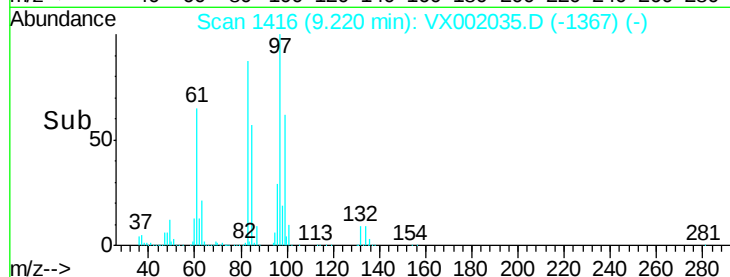
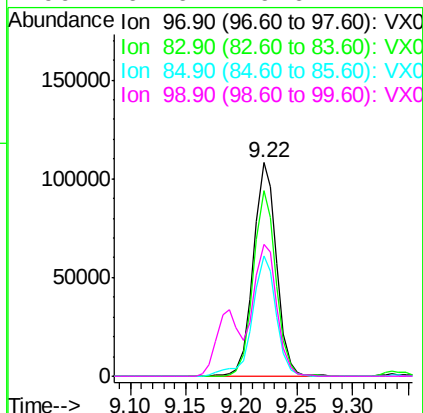
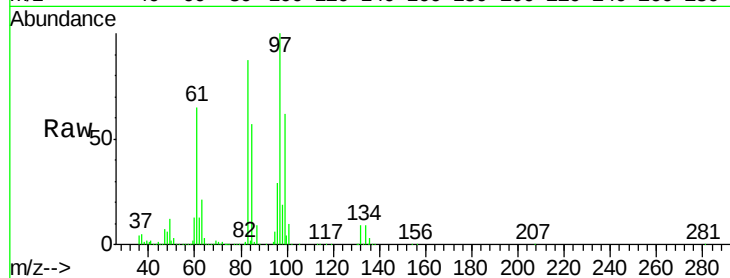
#55
 1,1,2-Trichloroethane
 Concen: 49.04 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002035.D
 Acq: 26 May 2018 22:33

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW354-180522MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		157045		
83	87.0	69.1	103.7		
85	56.6	45.2	67.8		
99	61.6	49.6	74.4		

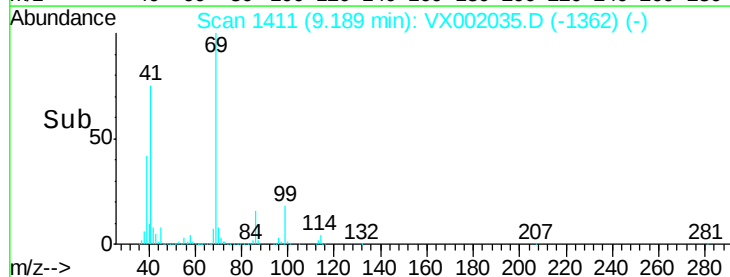
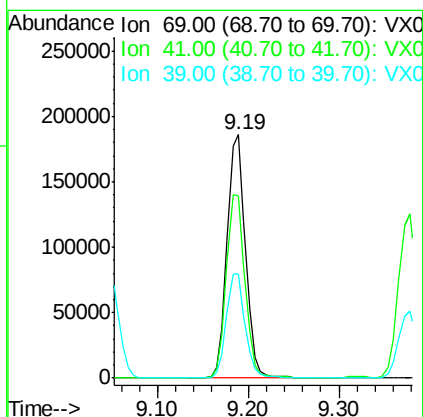
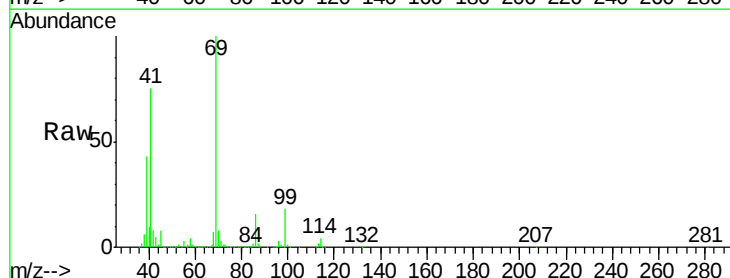
Manual Integrations
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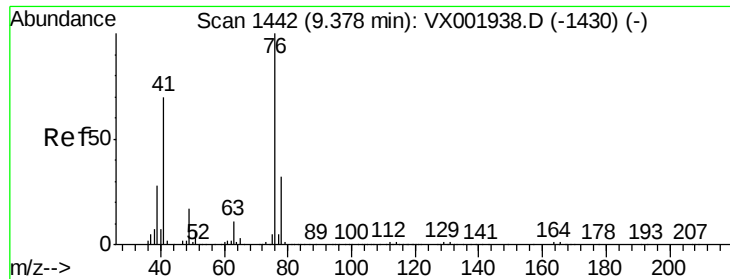
MMDadoda
 5/30/2018 1:50:10 PM



#56
 Ethyl methacrylate
 Concen: 47.66 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX002035.D
 Acq: 26 May 2018 22:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		262520		
41	76.4	61.0	91.6		
39	43.7	34.4	51.6		





#57

1,3-Dichloropropane

Concen: 49.47 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX002035.D

Acq: 26 May 2018 22:33

Instrument :

MSVOA_X

ClientSampleId :

SS052MW354-180522MS

Tot Ion: 76 Resp: 260984

Ion Ratio Lower Upper

76 100

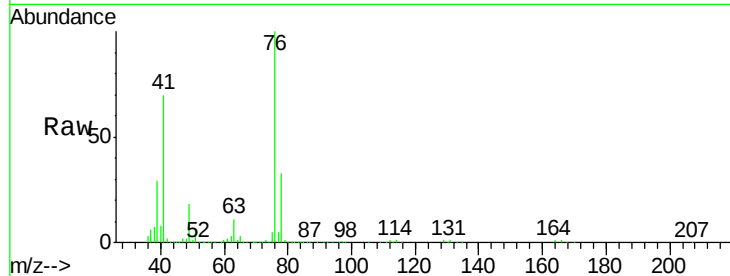
78 32.6 25.6 38.4

Manual Integrations

APPROVED

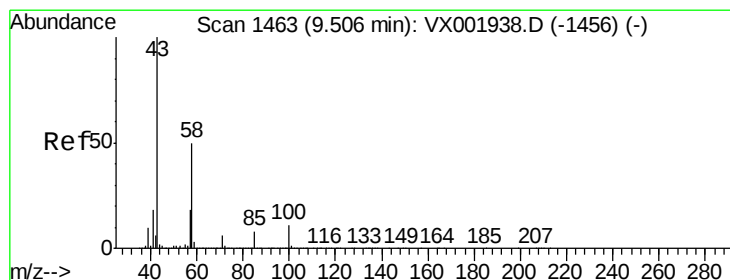
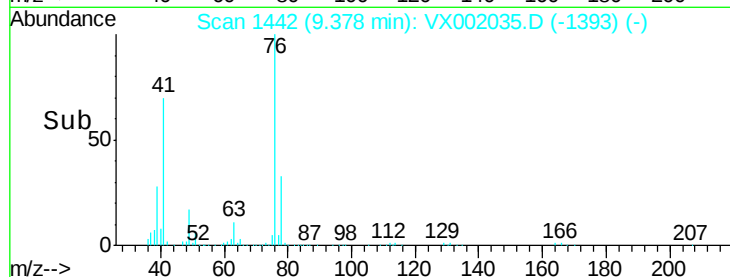
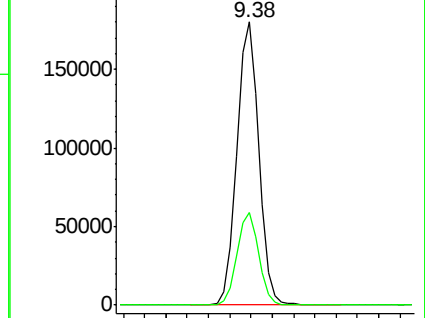
MMDadoda

5/30/2018 1:50:10 PM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#59

2-Hexanone

Concen: 279.01 ug/l

RT: 9.50 min Scan# 1462

Delta R.T. -0.01 min

Lab File: VX002035.D

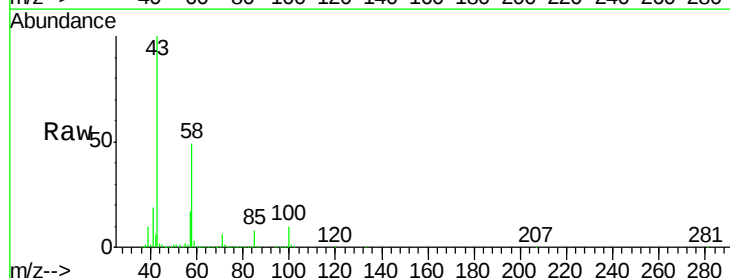
Acq: 26 May 2018 22:33

Tgt Ion: 43 Resp: 1158280

Ion Ratio Lower Upper

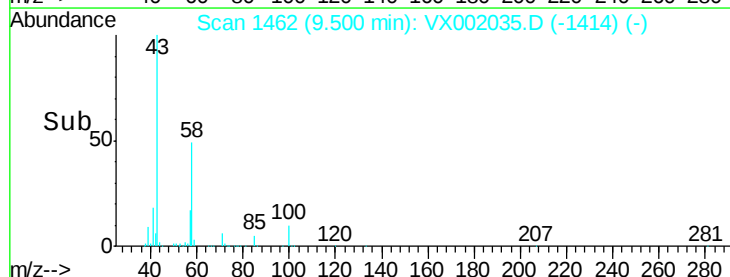
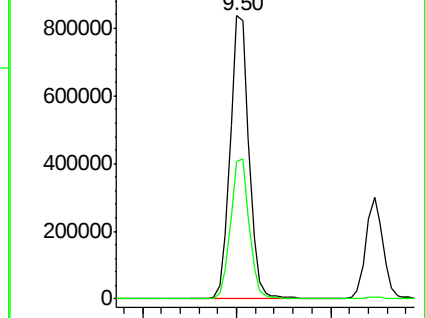
43 100

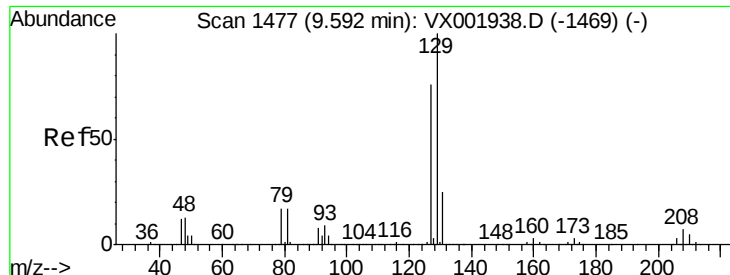
58 49.3 24.9 74.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#60

Dibromochloromethane

Concen: 46.90 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. -0.01 min

Lab File: VX002035.D

Acq: 26 May 2018 22:33

Instrument :

MSVOA_X

ClientSampleId :

SS052MW354-180522MS

Tot Ion:129 Resp: 177893

Ion Ratio Lower Upper

129 100

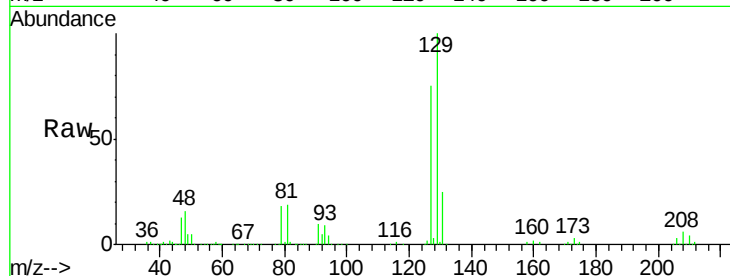
127 76.6 38.3 114.9

Manual Integrations

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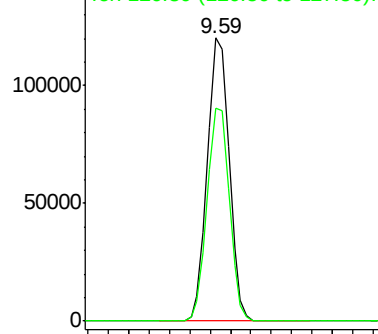
MMDadoda

5/30/2018 1:50:10 PM

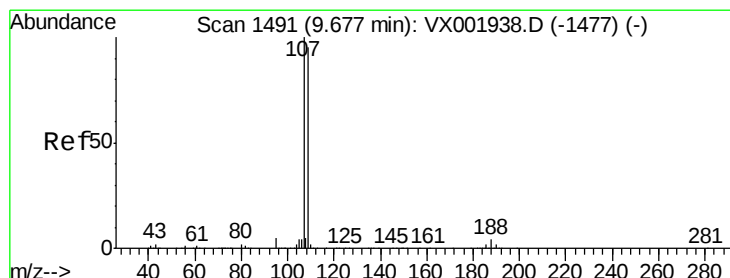
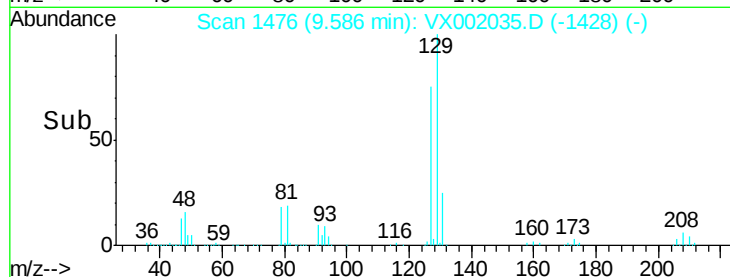


Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



Time-->



#61

1,2-Dibromoethane

Concen: 49.57 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002035.D

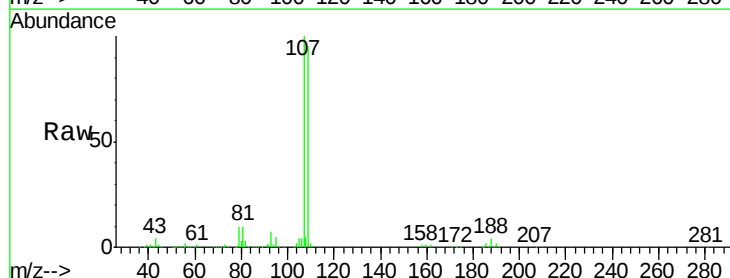
Acq: 26 May 2018 22:33

Tgt Ion:107 Resp: 166565

Ion Ratio Lower Upper

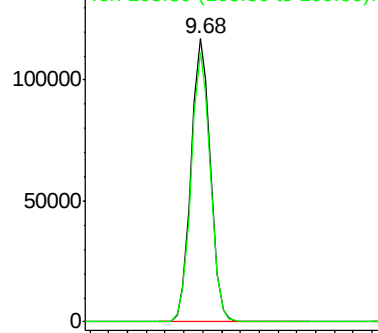
107 100

109 94.7 75.3 112.9

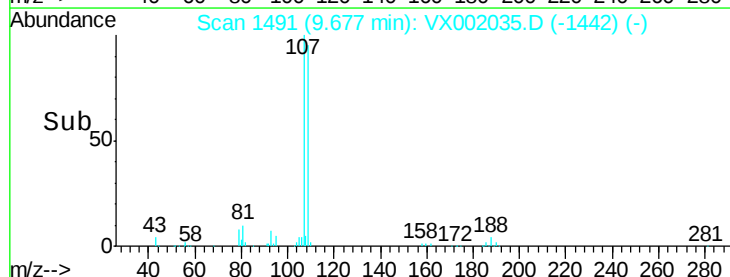


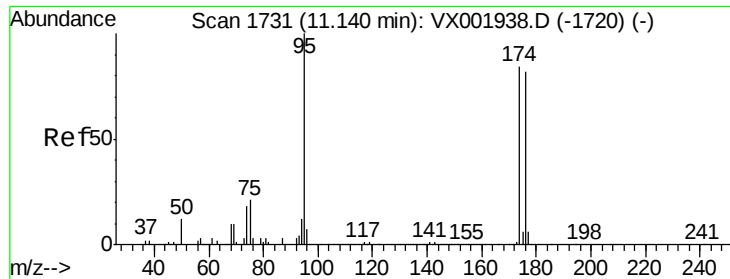
Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



Time-->





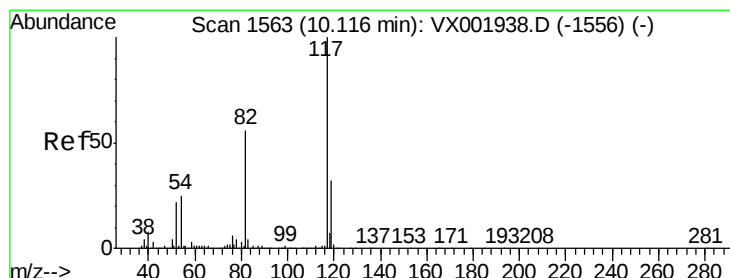
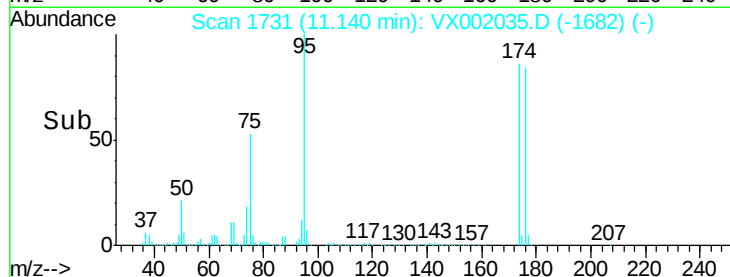
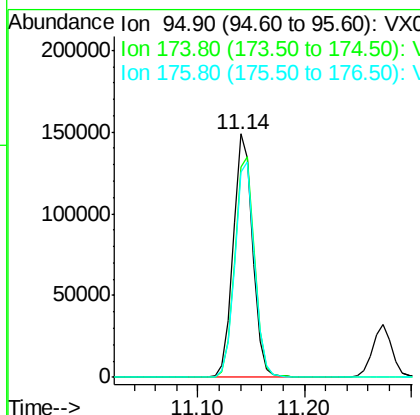
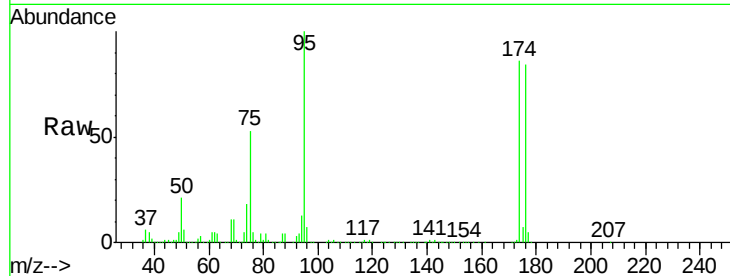
#62
4-Bromofluorobenzene
Concen: 45.57 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002035.D
Acq: 26 May 2018 22:33

Instrument :
MSVOA_X
ClientSampleId :
SS052MW354-180522MS

Tot Ion	Ratio	Resp	Lower	Upper
95	100	190815		
174	92.1	0.0	178.8	
176	89.8	0.0	175.6	

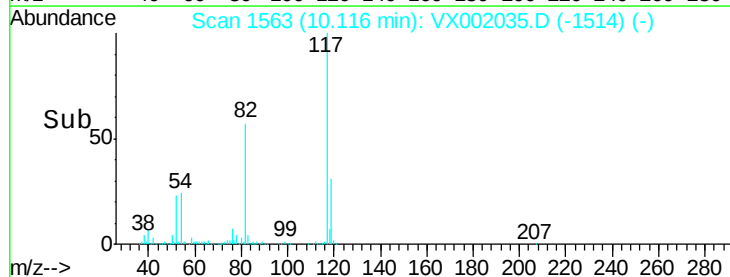
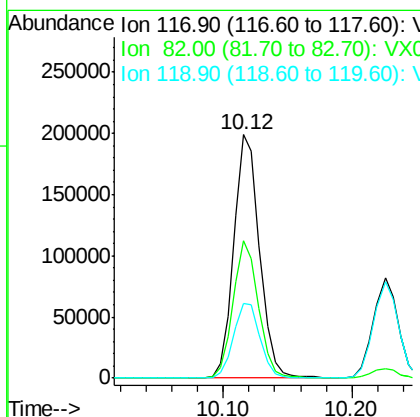
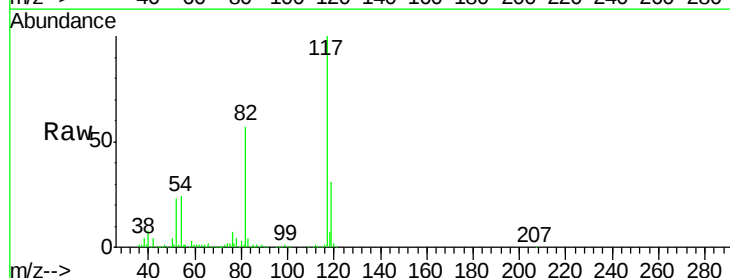
Manual Integrations
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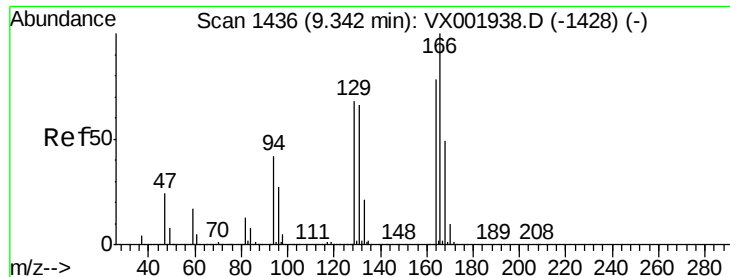
MMDadoda
5/30/2018 1:50:10 PM



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002035.D
Acq: 26 May 2018 22:33

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	277694		
82	56.5	44.8	67.2	
119	30.9	25.5	38.3	





#64

Tetrachloroethene

Concen: 46.50 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.00 min

Lab File: VX002035.D

Acq: 26 May 2018 22:33

Instrument :

MSVOA_X

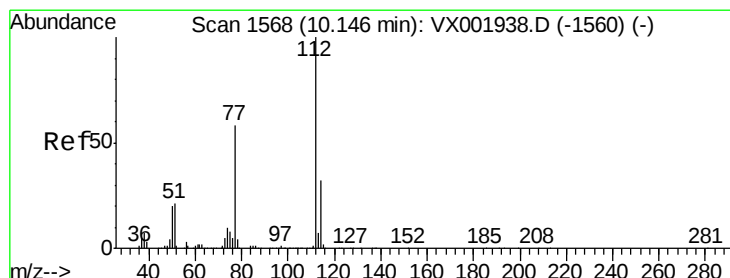
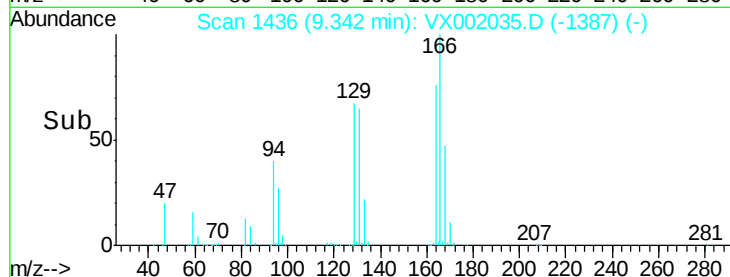
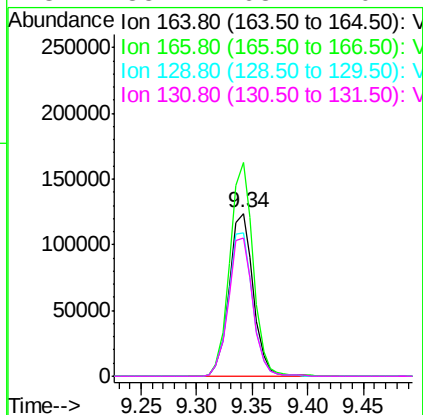
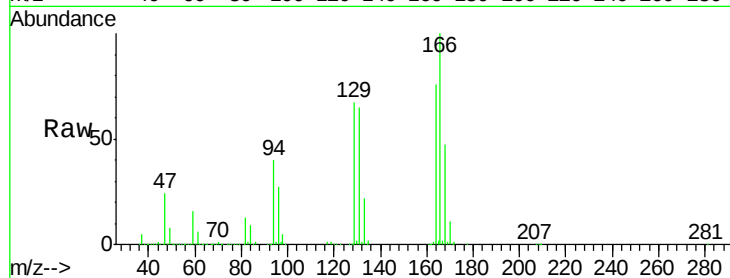
ClientSampleId :

SS052MW354-180522MS

Tot Ion:	164	Resp:	185127
Ion Ratio	Lower	Upper	
164	100		
166	131.1	102.7	154.1
129	88.2	70.3	105.5
131	85.2	68.2	102.4

Manual Integrations
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5/30/2018 1:50:10 PM



#65

Chlorobenzene

Concen: 46.40 ug/l

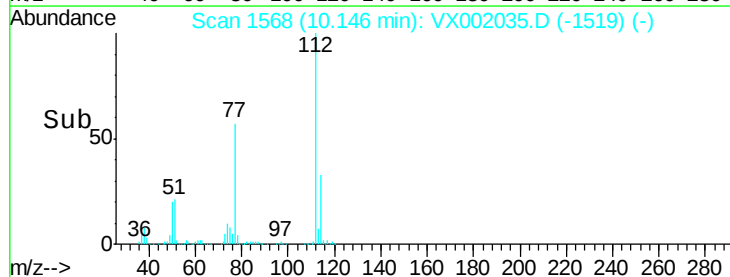
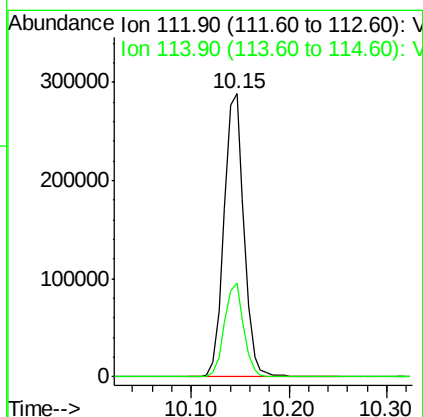
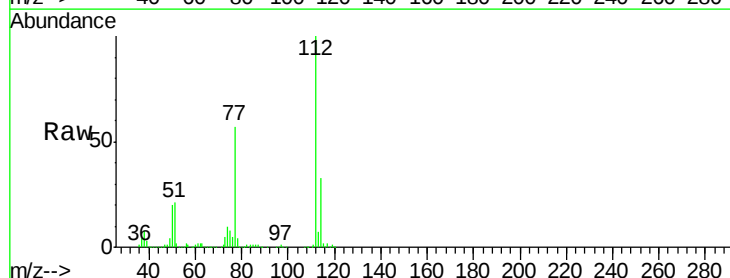
RT: 10.15 min Scan# 1568

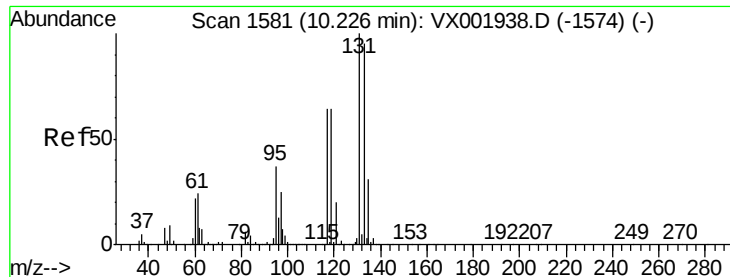
Delta R.T. -0.00 min

Lab File: VX002035.D

Acq: 26 May 2018 22:33

Tgt Ion:	112	Resp:	408215
Ion Ratio	Lower	Upper	
112	100		
114	33.1	25.9	38.9





#66

1,1,1,2-Tetrachloroethane

Concen: 46.78 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX002035.D

Acq: 26 May 2018 22:33

Instrument :

MSVOA_X

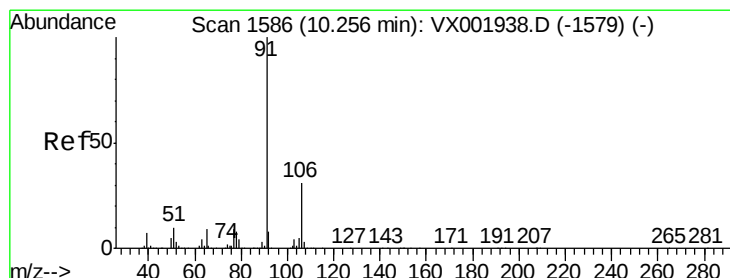
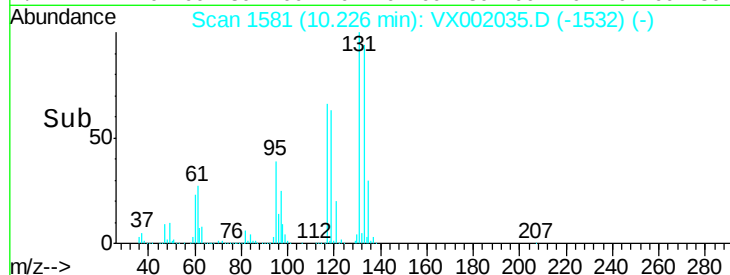
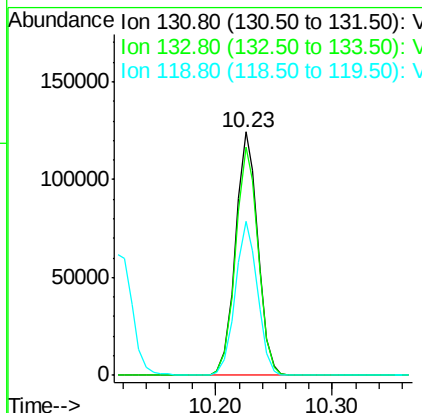
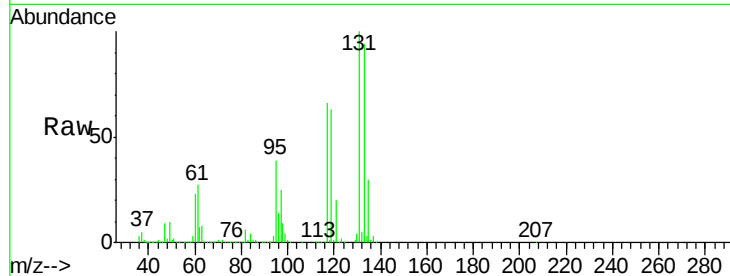
ClientSampleId :

SS052MW354-180522MS

Tot Ion:	131	Resp:	166186
Ion Ratio	Lower	Upper	
131	100		
133	94.6	48.0	144.0
119	63.2	31.9	95.5

Manual Integrations
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5/30/2018 1:50:10 PM



#67

Ethyl Benzene

Concen: 45.12 ug/l

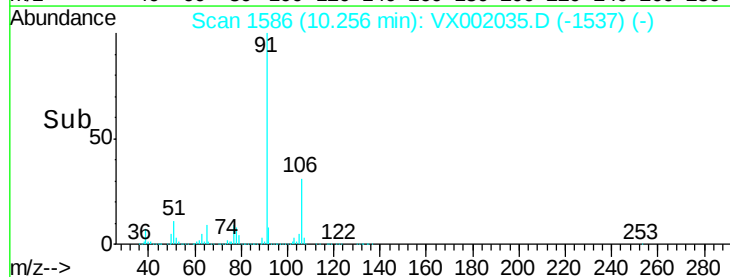
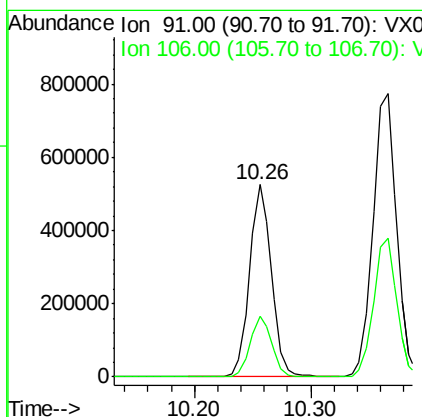
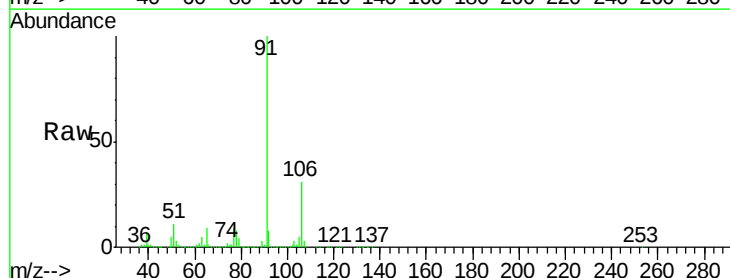
RT: 10.26 min Scan# 1586

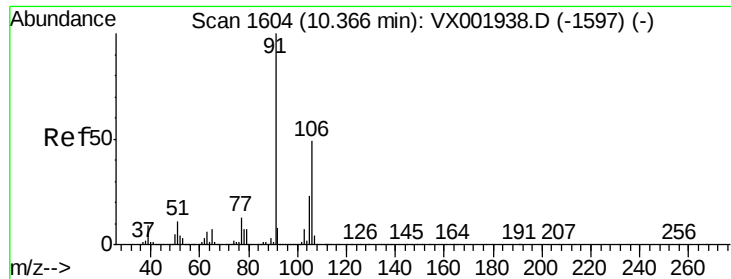
Delta R.T. -0.00 min

Lab File: VX002035.D

Acq: 26 May 2018 22:33

Tgt Ion:	91	Resp:	689683
Ion Ratio	Lower	Upper	
91	100		
106	31.4	25.0	37.6





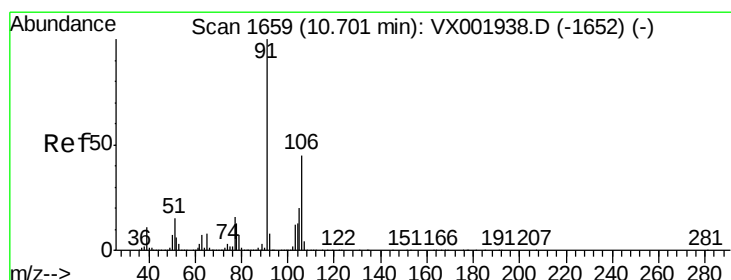
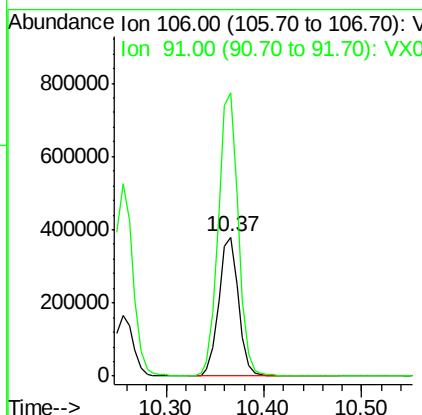
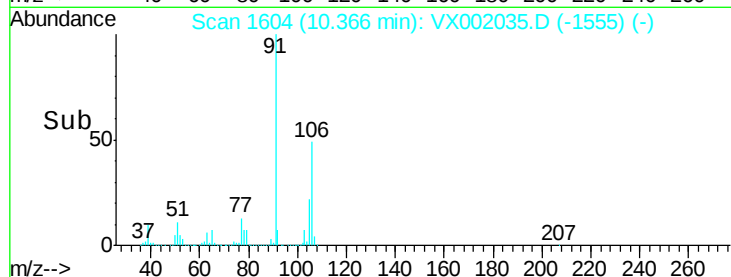
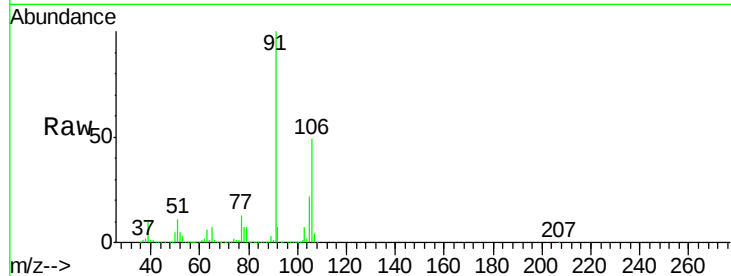
#68
m/p-Xylenes
Concen: 90.73 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX002035.D
Acq: 26 May 2018 22:33

Instrument :
MSVOA_X
ClientSampleId :
SS052MW354-180522MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	207.1	165.0	247.6		

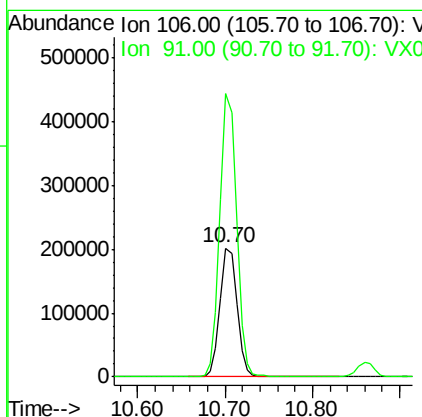
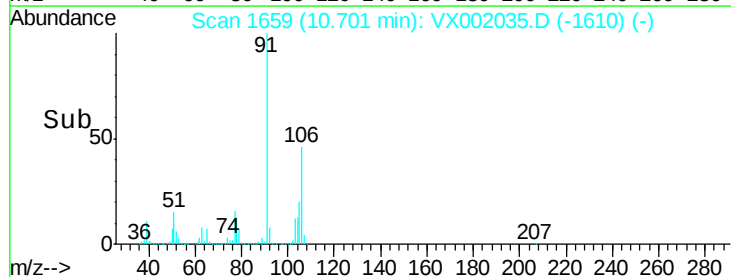
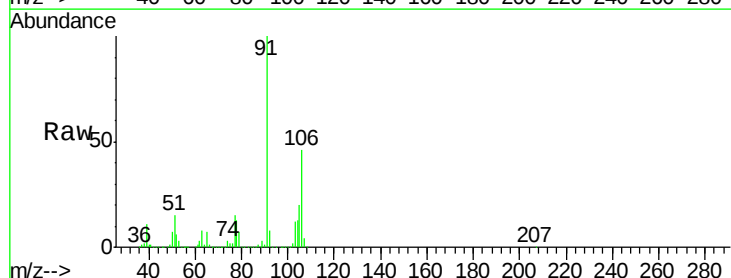
Manual Integrations
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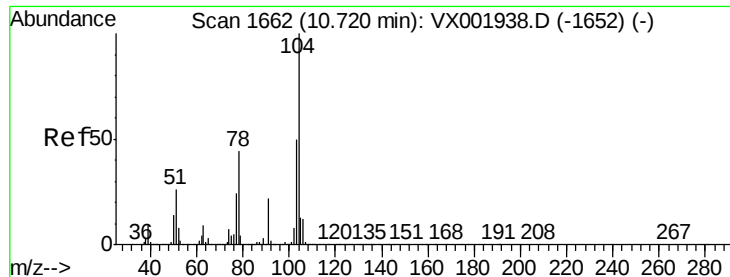
MMDadoda
5/30/2018 1:50:10 PM



#69
o-Xylene
Concen: 46.64 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002035.D
Acq: 26 May 2018 22:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	217.4	108.7	325.9		





#70

Stvrene

Concen: 46.86 ug/l

RT: 10.72 min Scan# 1662

Delta R.T. -0.00 min

Lab File: VX002035.D

Acq: 26 May 2018 22:33

Instrument :

MSVOA_X

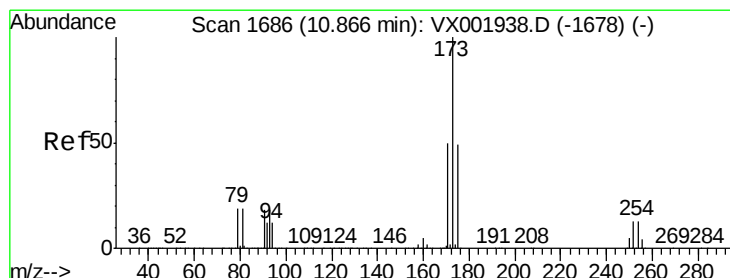
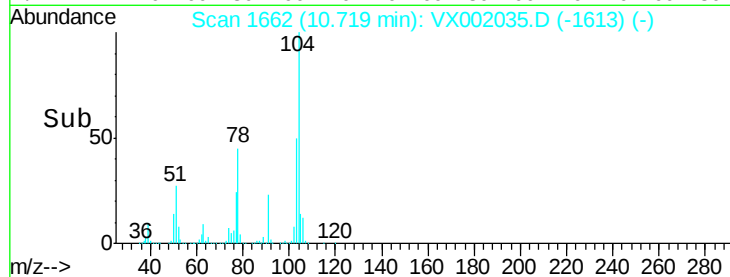
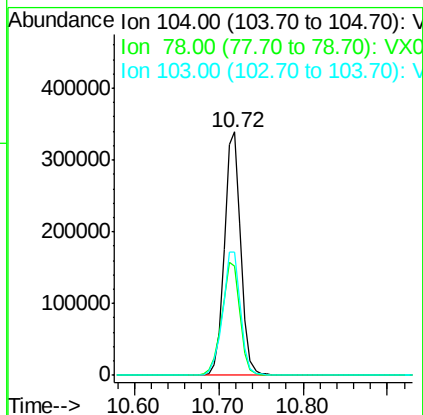
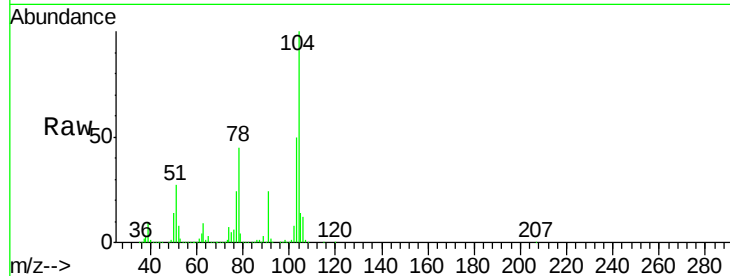
ClientSampleId :

SS052MW354-180522MS

Tot Ion:	104	Resp:	453457
Ion Ratio		Lower	Upper
104	100		
78	51.8	41.8	62.6
103	55.6	44.6	67.0

Manual Integrations
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MMDadoda
5/30/2018 1:50:10 PM



#71

Bromoform

Concen: 45.22 ug/l

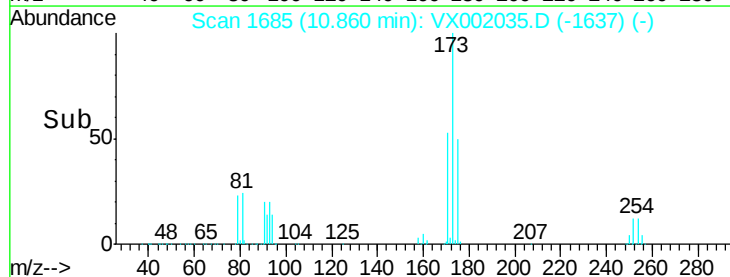
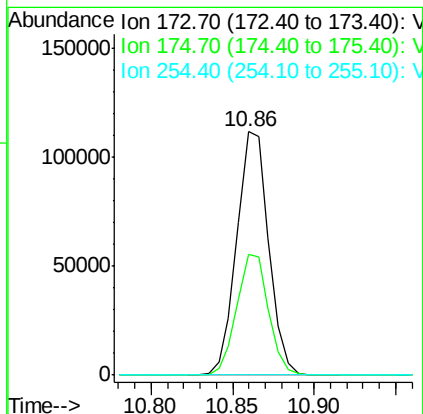
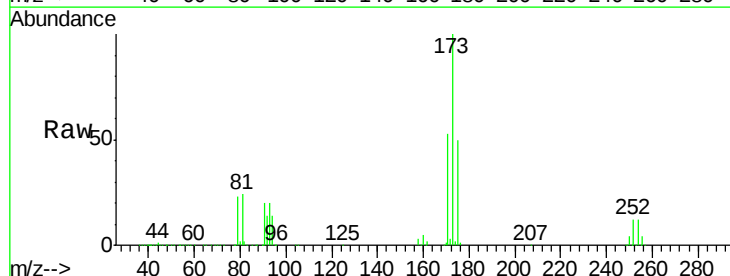
RT: 10.86 min Scan# 1685

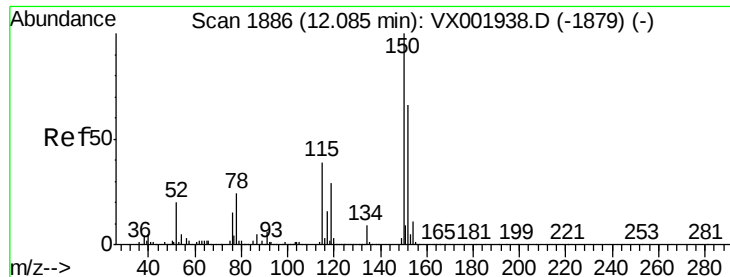
Delta R.T. -0.01 min

Lab File: VX002035.D

Acq: 26 May 2018 22:33

Tgt Ion:	173	Resp:	152322
Ion Ratio		Lower	Upper
173	100		
175	49.5	24.3	72.9
254	0.2	0.1	0.1#





#72

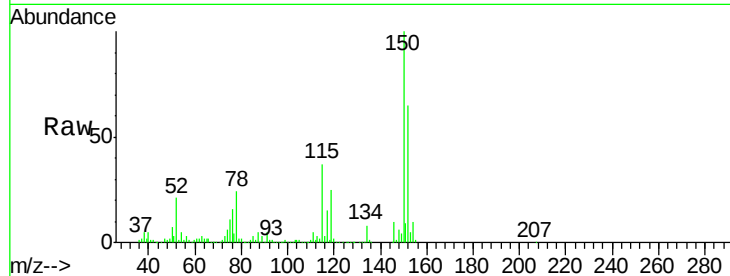
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002035.D
Acq: 26 May 2018 22:33

Instrument :
MSVOA_X
ClientSampleId :
SS052MW354-180522MS

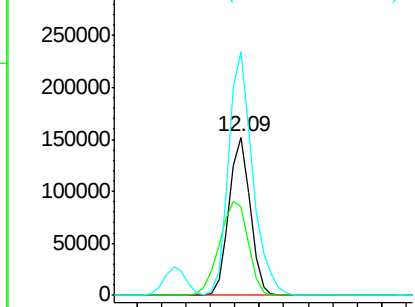
Tot Ion	Ratio	Resp	Lower	Upper
152	100	182557		
115	80.6	42.3	126.8	
150	173.6	0.0	351.0	

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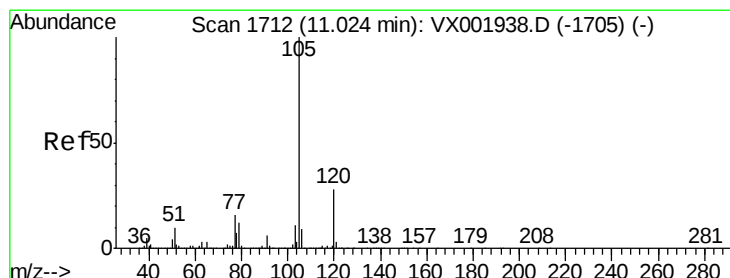
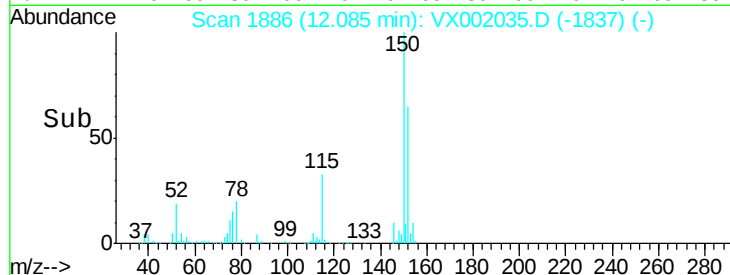
MMDadoda
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Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



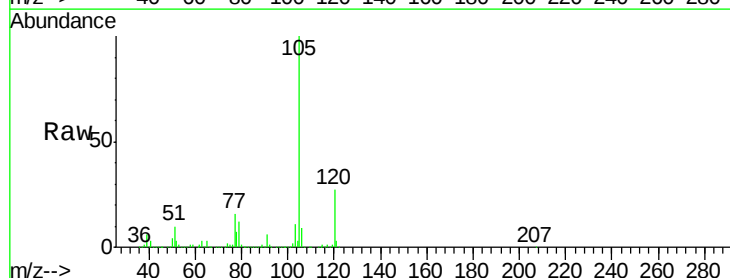
Time-->



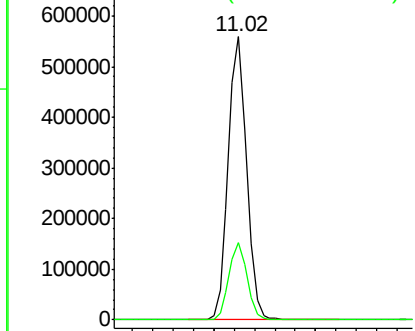
#73

Isopropylbenzene
Concen: 45.02 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. -0.00 min
Lab File: VX002035.D
Acq: 26 May 2018 22:33

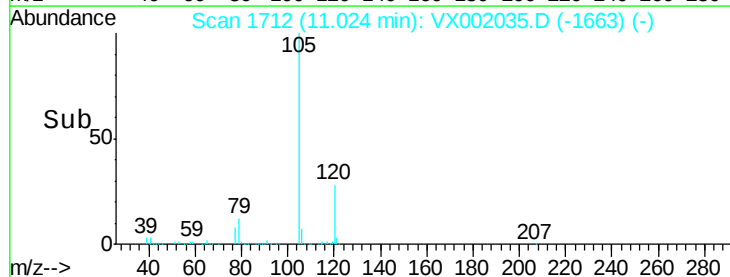
Tgt Ion	Ratio	Resp	Lower	Upper
105	100	695955		
120	27.0	13.6	40.7	

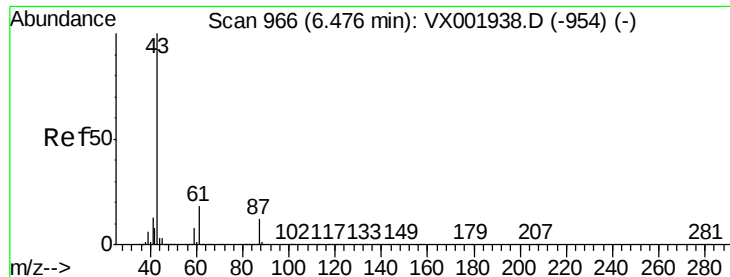


Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V



Time-->





#74

N-amyl acetate

Concen: 56.35 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX002035.D

Acq: 26 May 2018 22:33

Instrument :

MSVOA_X

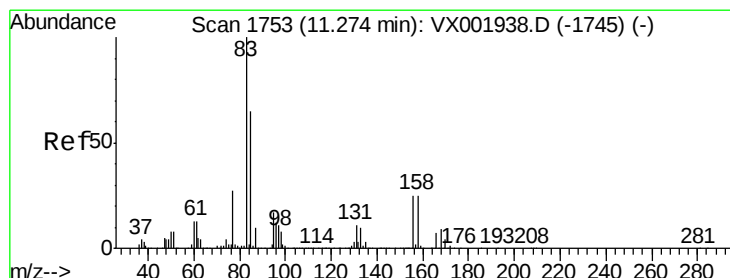
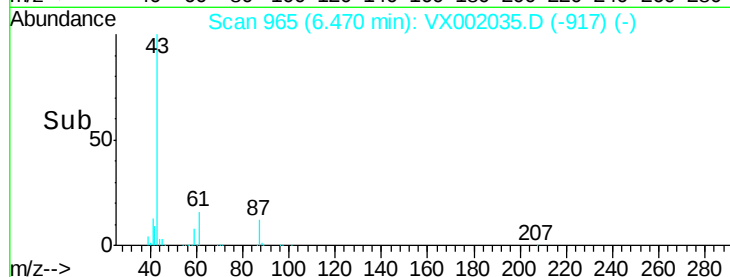
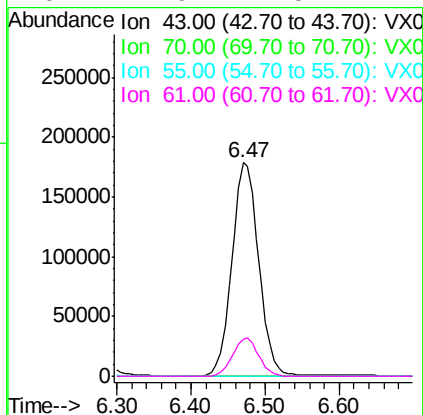
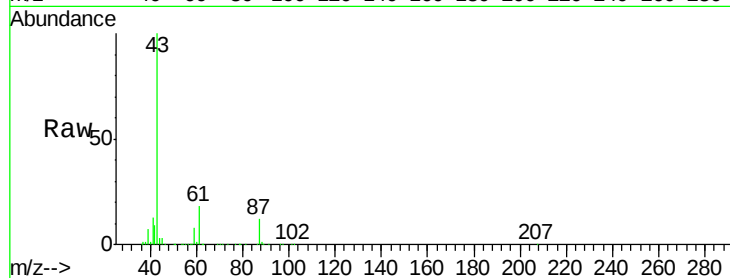
ClientSampleId :

SS052MW354-180522MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
43	100				
70	0.0	0.1	0.1#		
55	0.1	0.1	0.1		
61	17.9	14.5	21.7		

Manual Integrations
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MMDadoda
5/30/2018 1:50:10 PM



#75

1,1,2,2-Tetrachloroethane

Concen: 57.71 ug/l

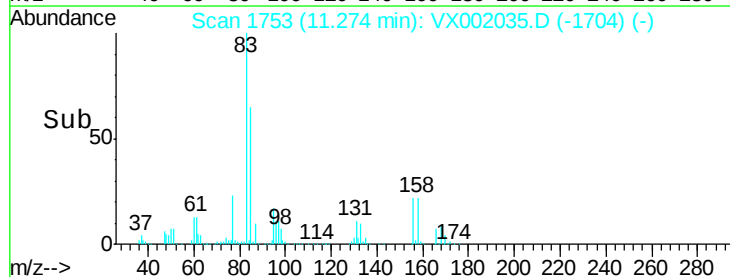
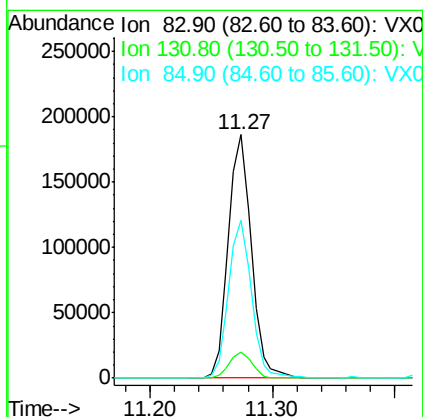
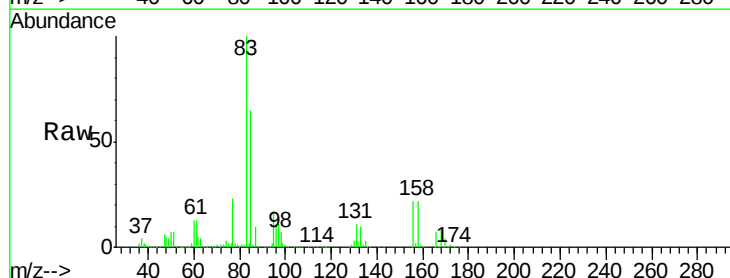
RT: 11.27 min Scan# 1753

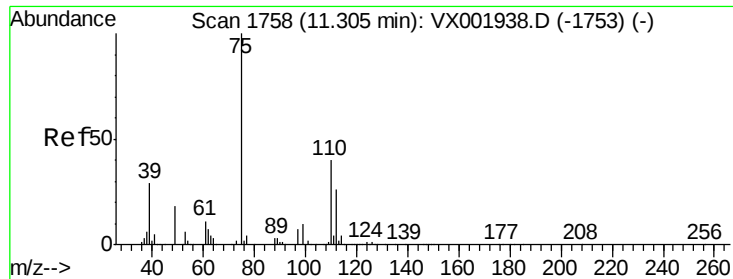
Delta R.T. 0.00 min

Lab File: VX002035.D

Acq: 26 May 2018 22:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	100				
131	10.6	5.7	17.0		
85	64.3	32.6	97.7		





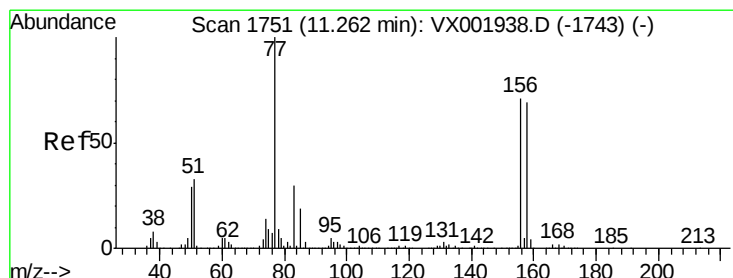
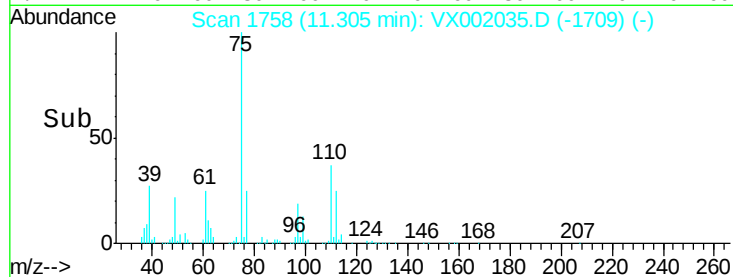
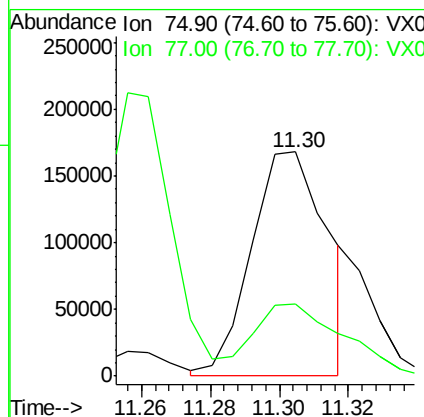
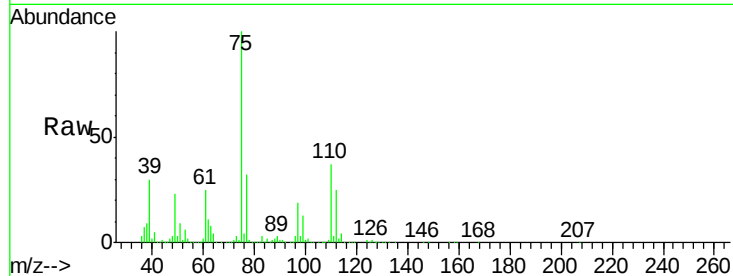
#76
1,2,3-Trichloropropane
Concen: 58.63 ug/l m
RT: 11.30 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VX002035.D
Acq: 26 May 2018 22:33

Instrument :
MSVOA_X
ClientSampleId :
SS052MW354-180522MS

Tot Ion: 75 Resp: 257068
Ion Ratio Lower Upper
75 100
77 38.7 22.8 68.3

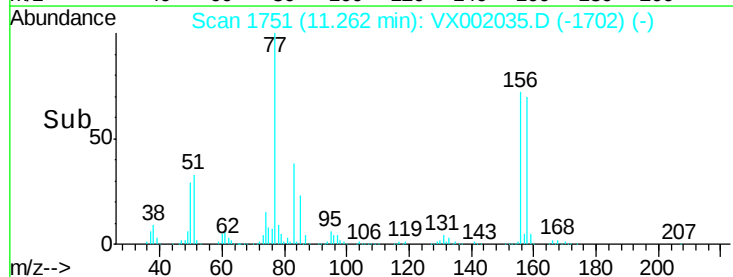
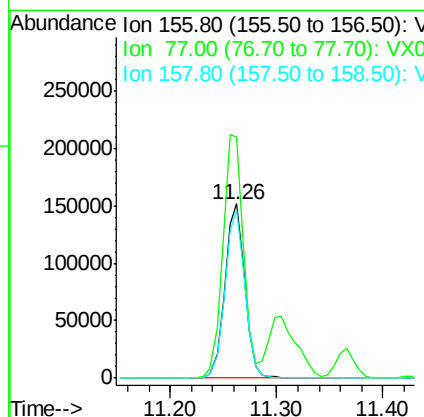
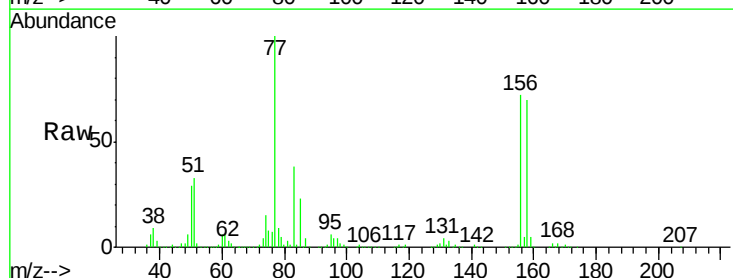
Manual Integrations
APPROVED

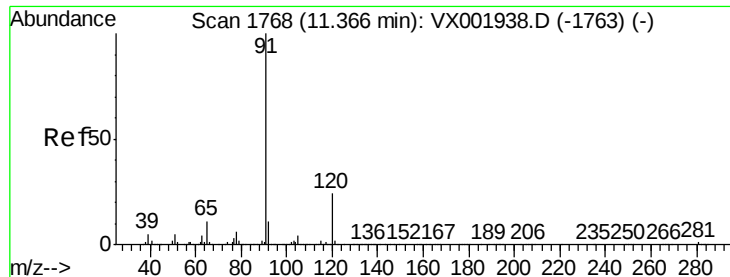
MMDadoda
5/30/2018 1:50:10 PM



#77
Bromobenzene
Concen: 47.96 ug/l
RT: 11.26 min Scan# 1751
Delta R.T. -0.00 min
Lab File: VX002035.D
Acq: 26 May 2018 22:33

Tgt Ion: 156 Resp: 196694
Ion Ratio Lower Upper
156 100
77 144.9 75.2 225.6
158 96.9 48.6 145.8





#78

n-propylbenzene

Concen: 44.16 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002035.D

Acq: 26 May 2018 22:33

Instrument :

MSVOA_X

ClientSampleId :

SS052MW354-180522MS

Tot Ion: 91 Resp: 764620

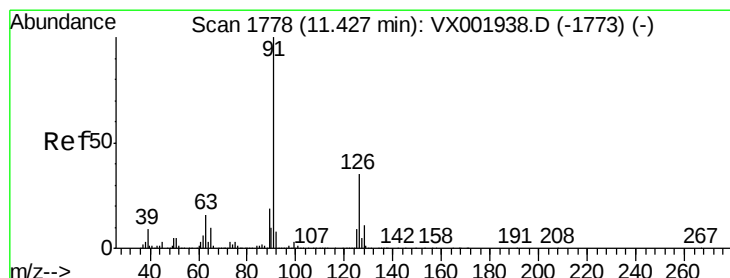
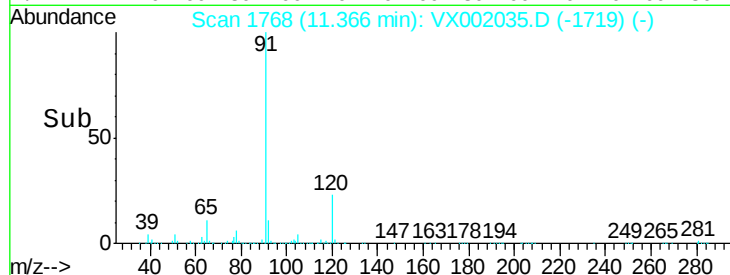
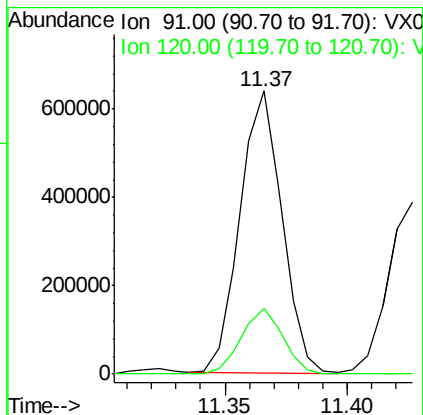
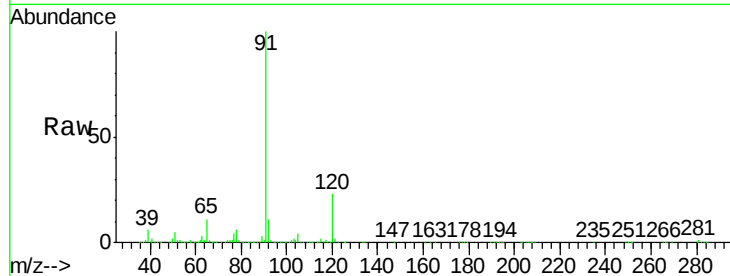
Ion Ratio Lower Upper

91 100

120 23.4 11.9 35.7

Manual Integrations
APPROVED

MMDadoda
5/30/2018 1:50:10 PM



#79

2-Chlorotoluene

Concen: 51.06 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX002035.D

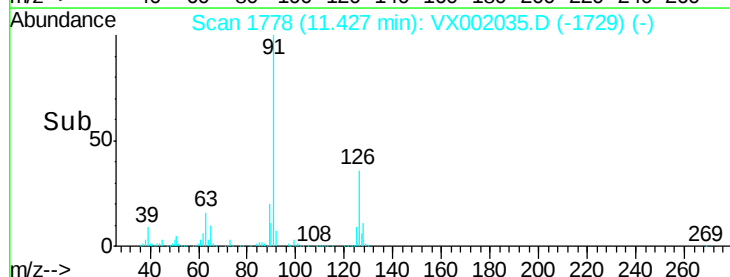
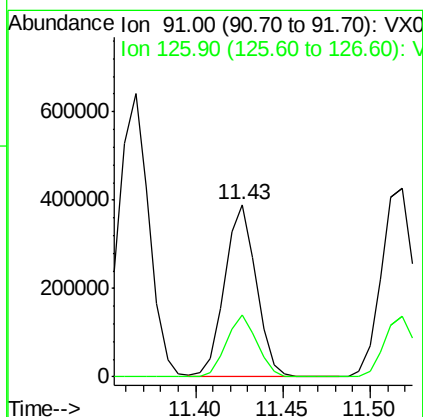
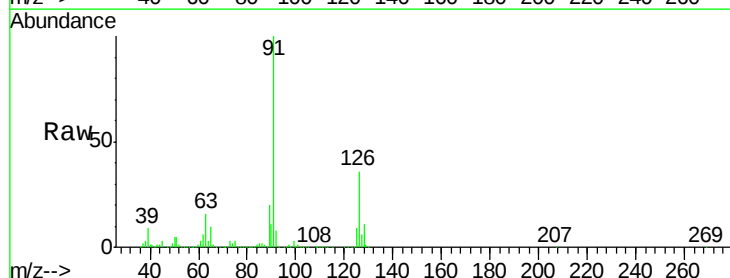
Acq: 26 May 2018 22:33

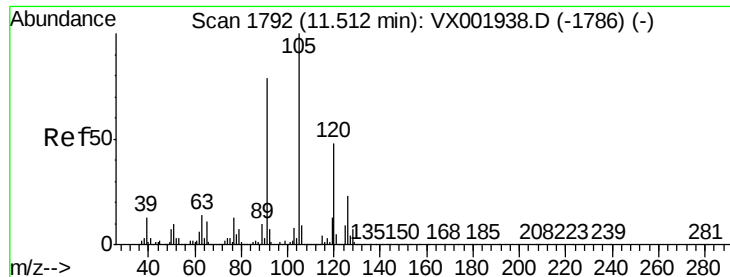
Tgt Ion: 91 Resp: 484499

Ion Ratio Lower Upper

91 100

126 35.4 17.4 52.2





#80

1,3,5-Trimethylbenzene

Concen: 44.78 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002035.D

Acq: 26 May 2018 22:33

Instrument :

MSVOA_X

ClientSampleId :

SS052MW354-180522MS

Tot Ion:105 Resp: 591546

Ion Ratio Lower Upper

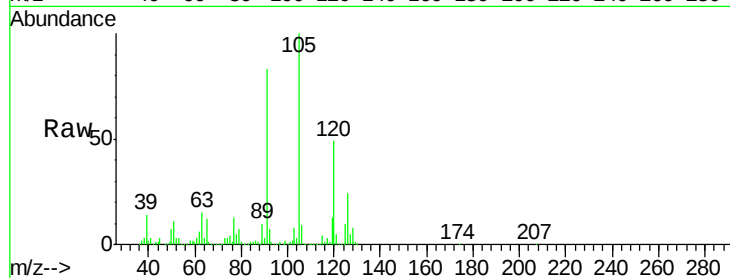
105 100

120 48.5 24.1 72.4

Manual Integrations
APPROVED

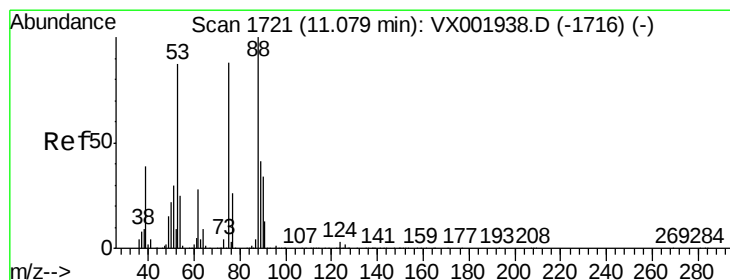
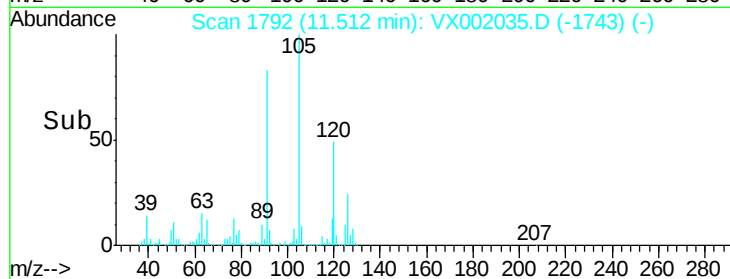
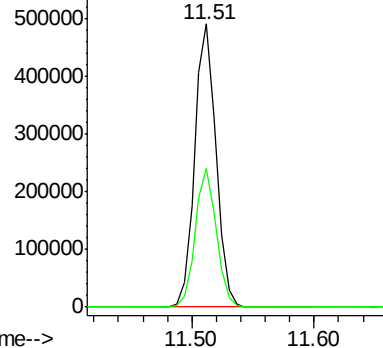
MMDadoda

5/30/2018 1:50:10 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 41.89 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX002035.D

Acq: 26 May 2018 22:33

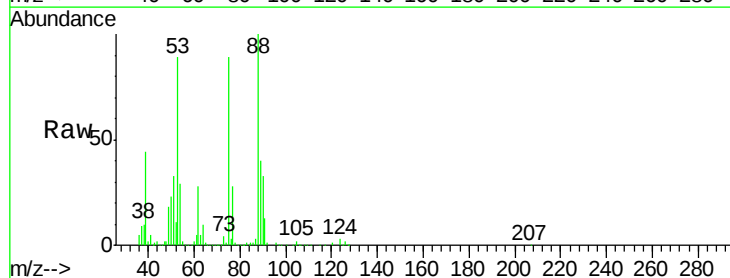
Tgt Ion: 75 Resp: 76424

Ion Ratio Lower Upper

75 100

53 102.5 78.0 117.0

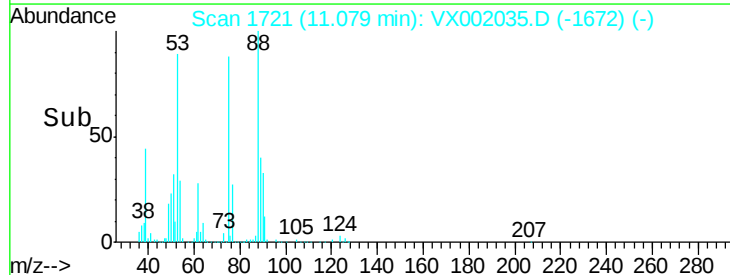
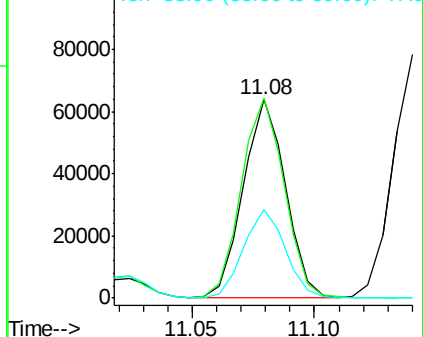
89 44.6 39.4 59.2

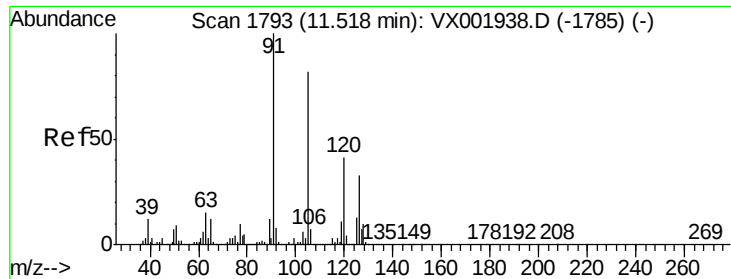


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0





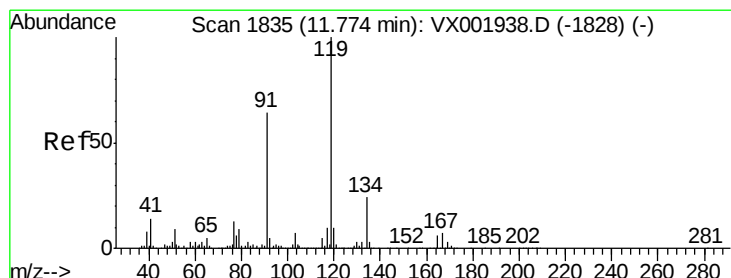
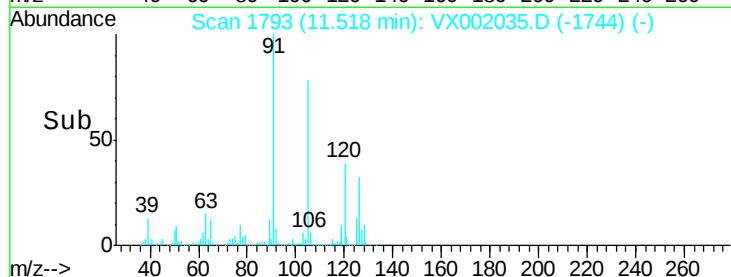
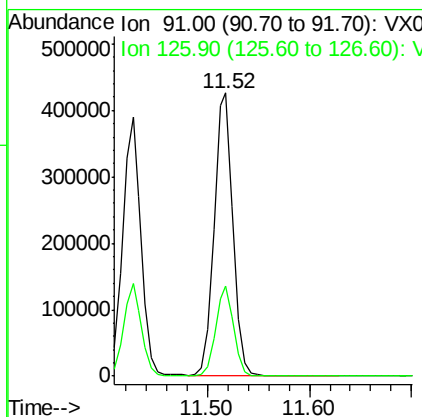
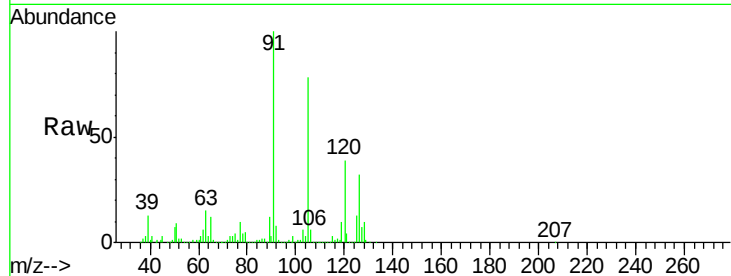
#82
4-Chlorotoluene
Concen: 45.24 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX002035.D
Acq: 26 May 2018 22:33

Instrument :
MSVOA_X
ClientSampleId :
SS052MW354-180522MS

Tot Ion	Ratio	Lower	Upper
91	100		
126	30.5	15.3	45.8

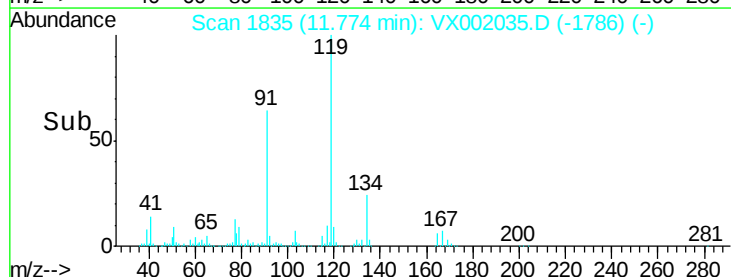
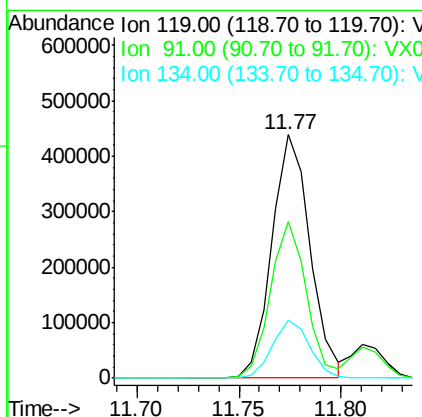
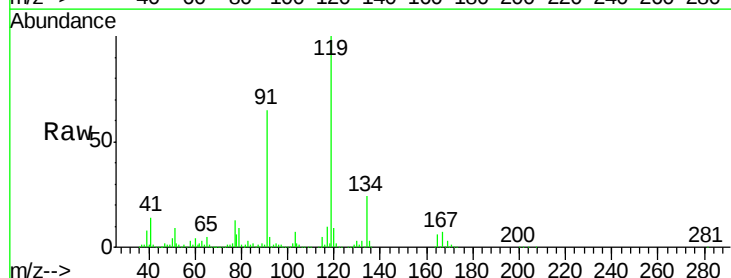
Manual Integrations
APPROVED

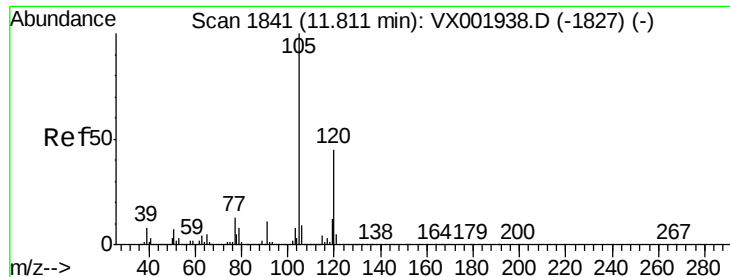
MMDadoda
5/30/2018 1:50:10 PM



#83
tert-Butylbenzene
Concen: 44.24 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX002035.D
Acq: 26 May 2018 22:33

Tgt Ion	Ratio	Lower	Upper
119	100		
91	60.9	30.6	91.8
134	23.4	11.7	35.0





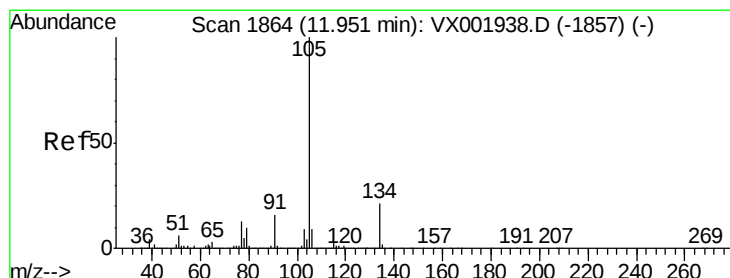
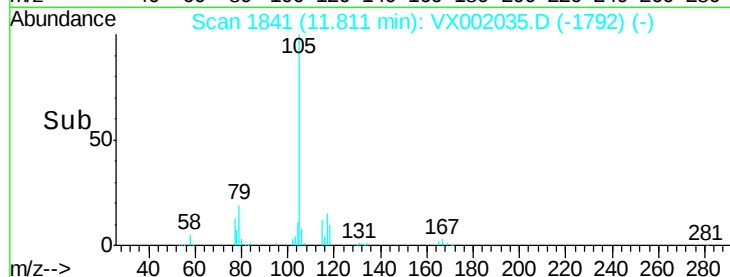
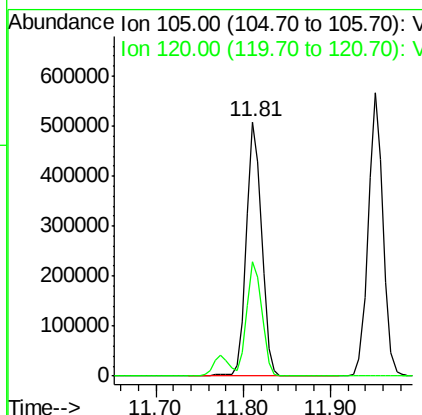
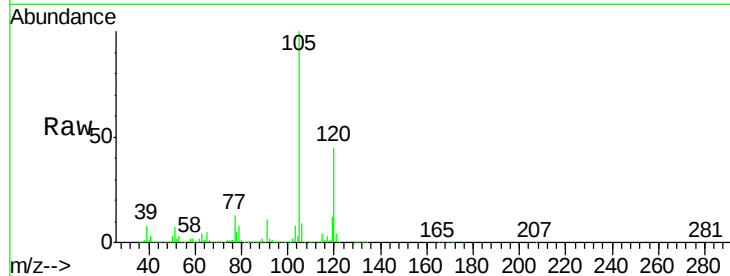
#84
 1,2,4-Trimethylbenzene
 Concen: 45.09 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002035.D
 Acq: 26 May 2018 22:33

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW354-180522MS

Tot Ion	Ratio	Lower	Upper
105	100		
120	44.5	22.1	66.5

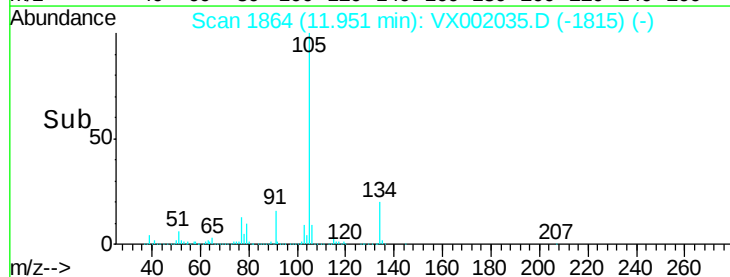
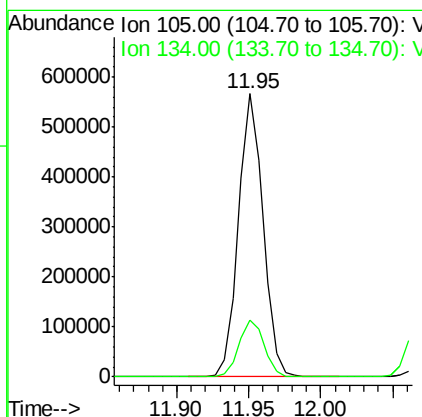
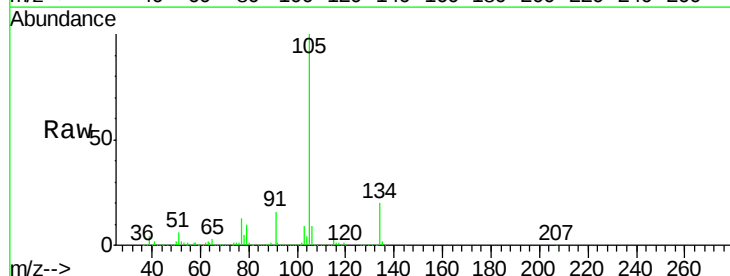
Manual Integrations
 APPROVED

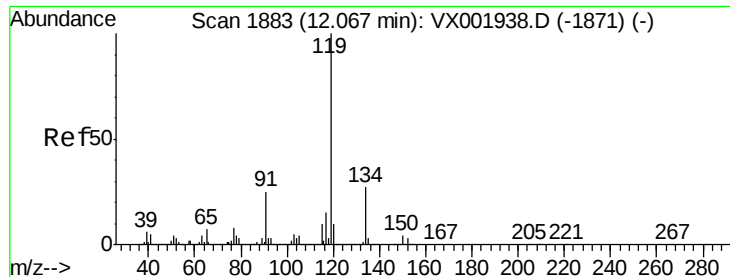
MMDadoda
 5/30/2018 1:50:10 PM



#85
 sec-Butylbenzene
 Concen: 43.25 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX002035.D
 Acq: 26 May 2018 22:33

Tgt Ion	Ratio	Lower	Upper
105	100		
134	20.7	10.4	31.4





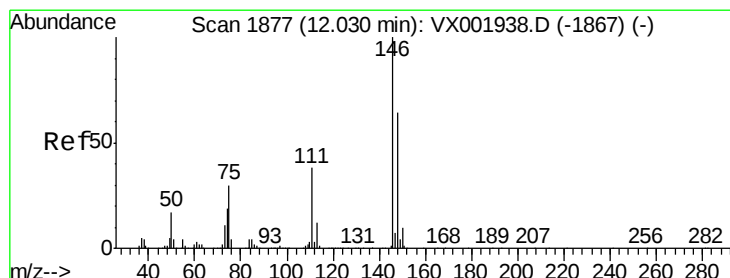
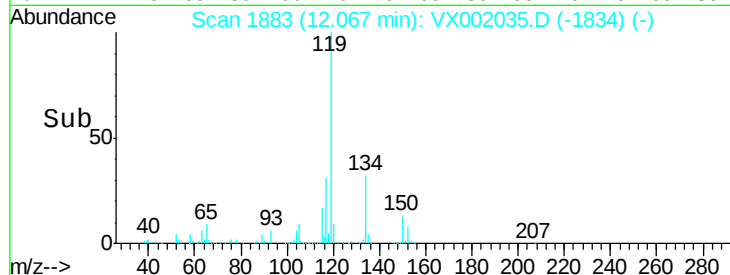
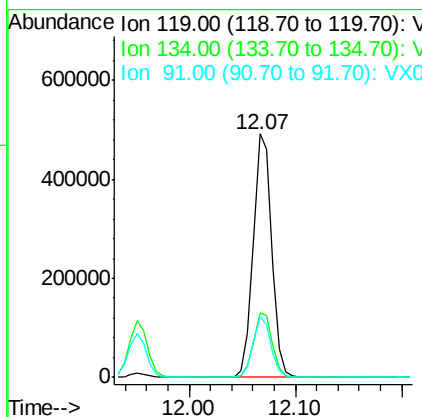
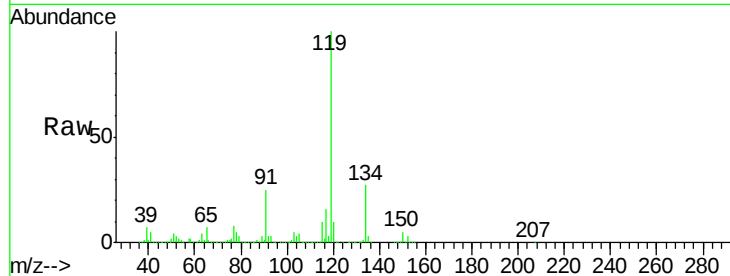
#86
p-Isopropyltoluene
Concen: 43.09 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. -0.00 min
Lab File: VX002035.D
Acq: 26 May 2018 22:33

Instrument :
MSVOA_X
ClientSampleId :
SS052MW354-180522MS

Tot Ion	Ratio	Resp	Lower	Upper
119	100	600944		
134	26.9		13.6	40.8
91	24.1		12.2	36.4

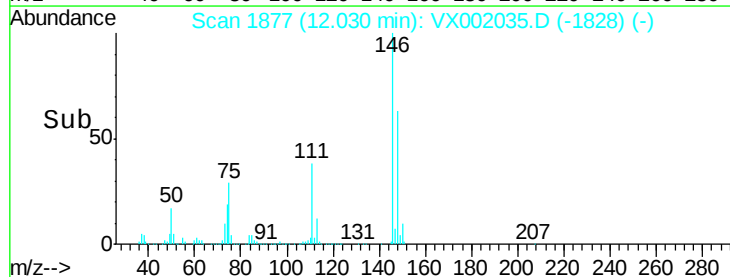
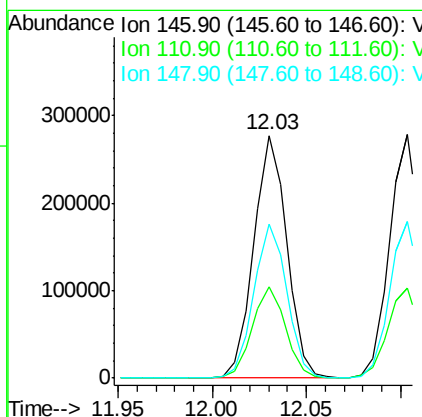
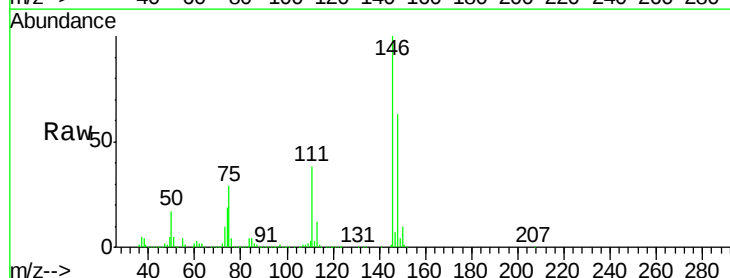
Manual Integrations
APPROVED

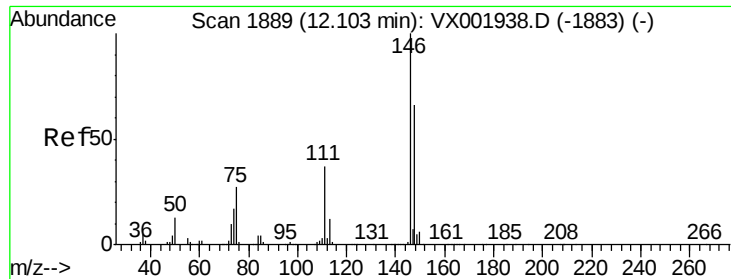
MMDadoda
5/30/2018 1:50:10 PM



#87
1,3-Dichlorobenzene
Concen: 45.93 ug/l
RT: 12.03 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX002035.D
Acq: 26 May 2018 22:33

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	337357		
111	37.9		19.3	57.8
148	63.8		32.1	96.3





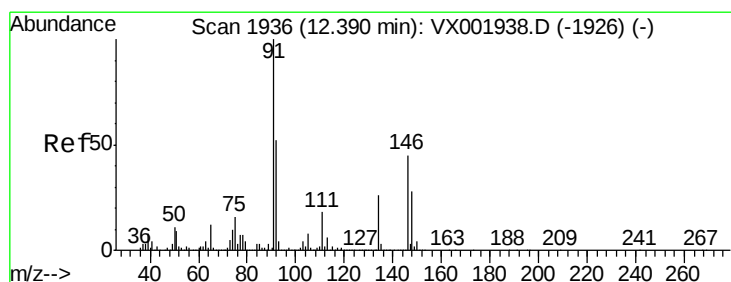
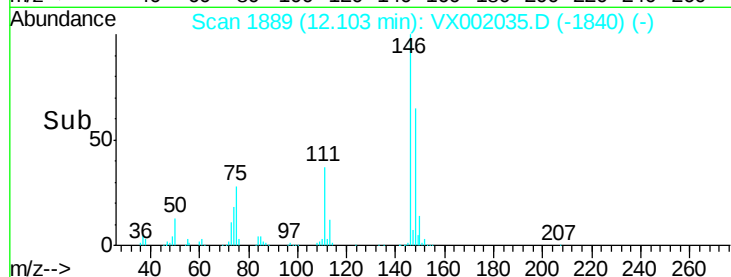
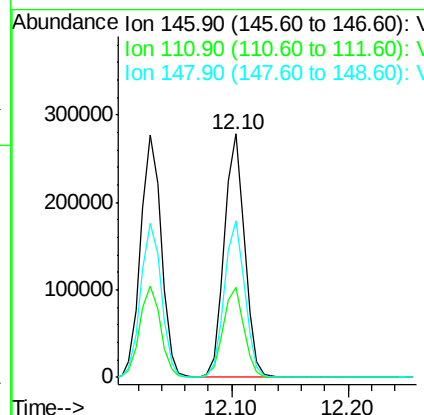
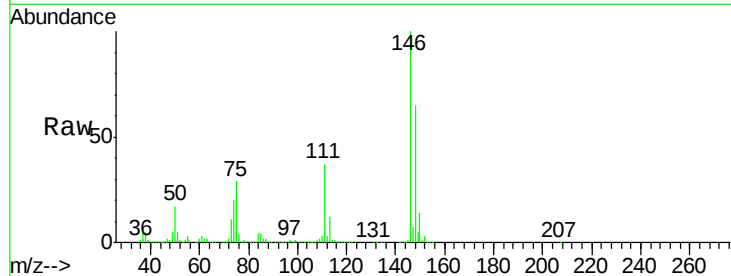
#88
 1,4-Dichlorobenzene
 Concen: 45.51 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX002035.D
 Acq: 26 May 2018 22:33

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW354-180522MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.9	56.5
148	65.1	32.3	96.8

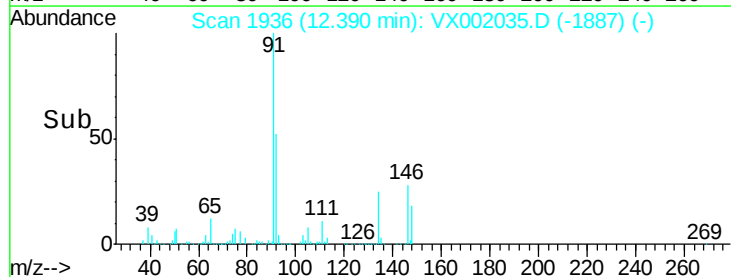
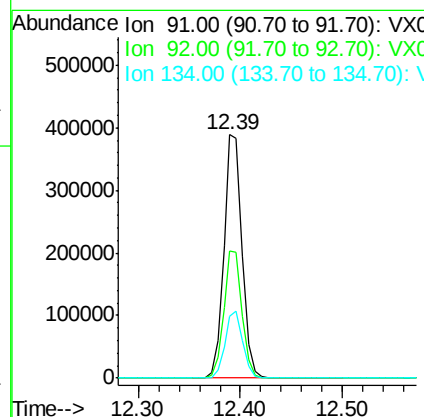
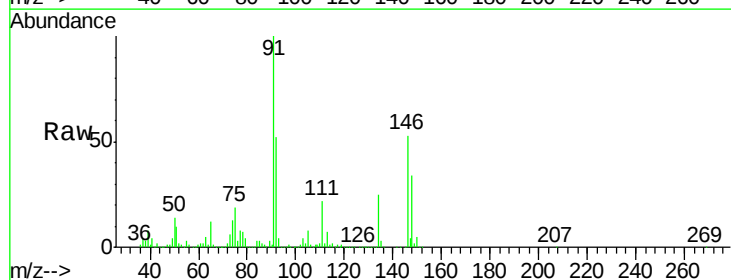
Manual Integrations
 APPROVED

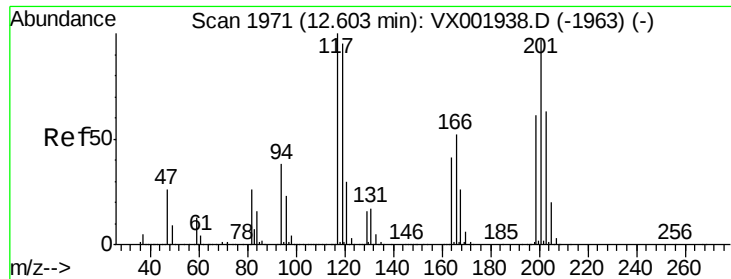
MMDadoda
 5/30/2018 1:50:10 PM



#89
 n-Butylbenzene
 Concen: 40.80 ug/l
 RT: 12.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VX002035.D
 Acq: 26 May 2018 22:33

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.4	26.3	78.9
134	26.7	13.6	40.7





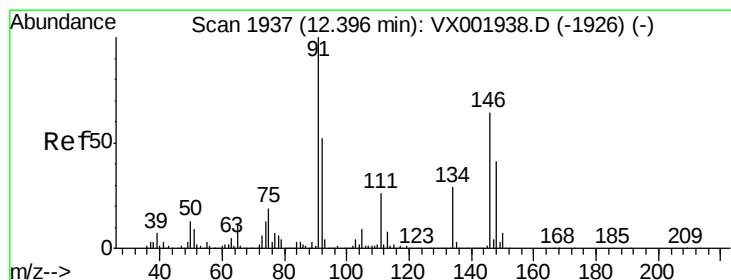
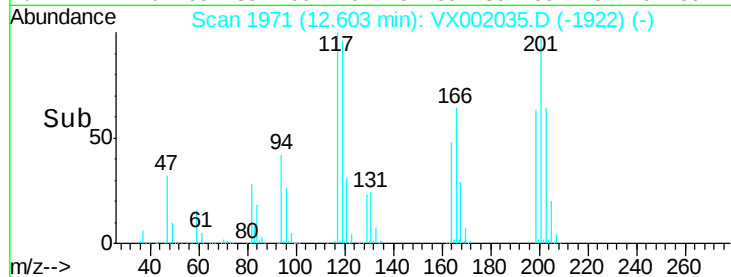
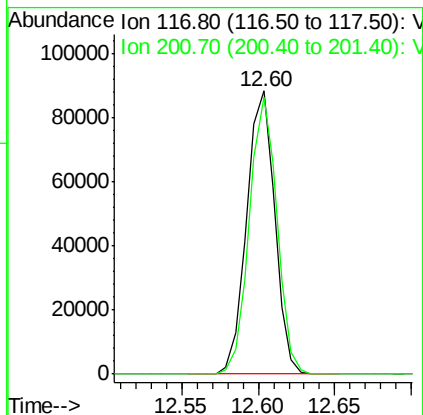
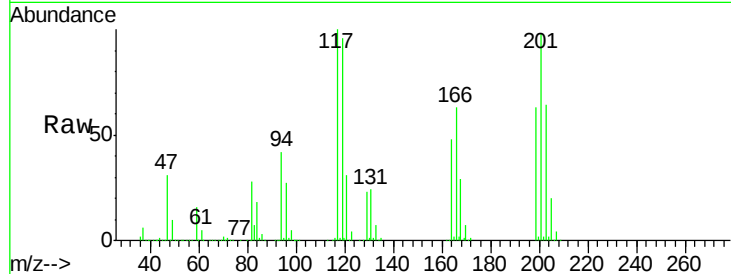
#90
Hexachloroethane
Concen: 40.88 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX002035.D
Acq: 26 May 2018 22:33

Instrument :
MSVOA_X
ClientSampleId :
SS052MW354-180522MS

Tot Ion	Ratio	Resp	Lower	Upper
117	100	112458		
201	96.4	48.0	144.0	

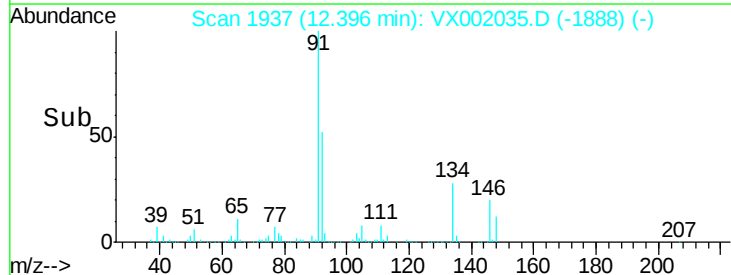
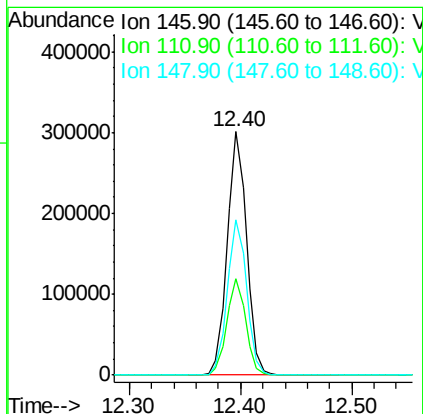
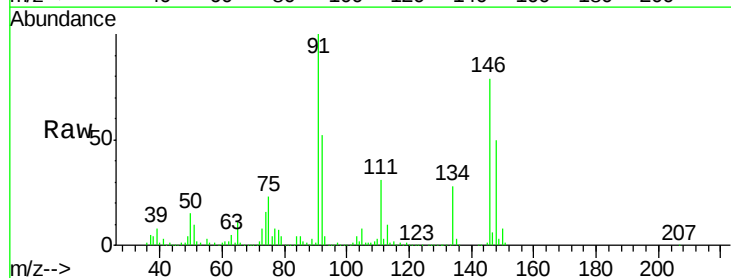
Manual Integrations
APPROVED

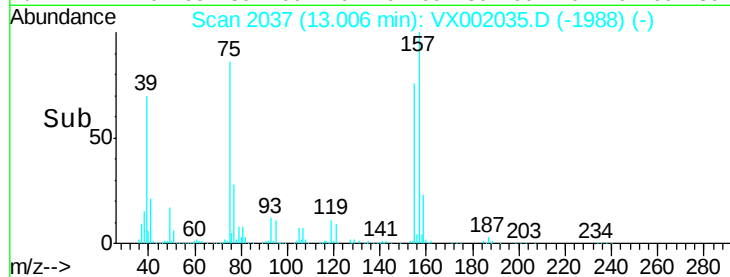
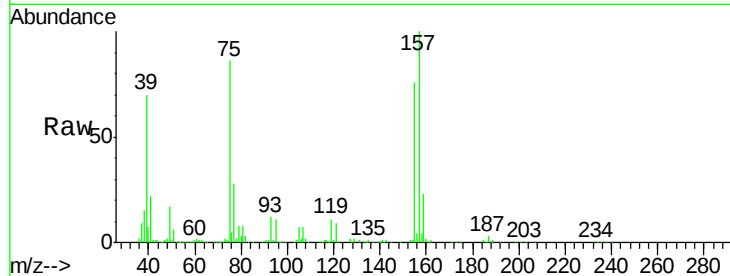
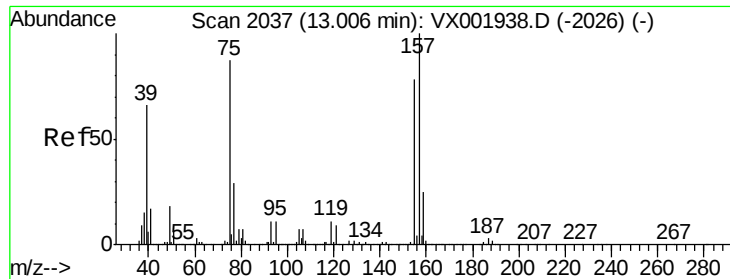
MMDadoda
5/30/2018 1:50:10 PM



#91
1,2-Dichlorobenzene
Concen: 48.14 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX002035.D
Acq: 26 May 2018 22:33

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	360314		
111	39.1	19.8	59.3	
148	64.0	32.1	96.5	





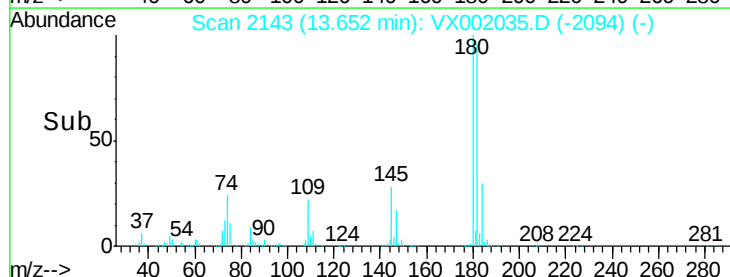
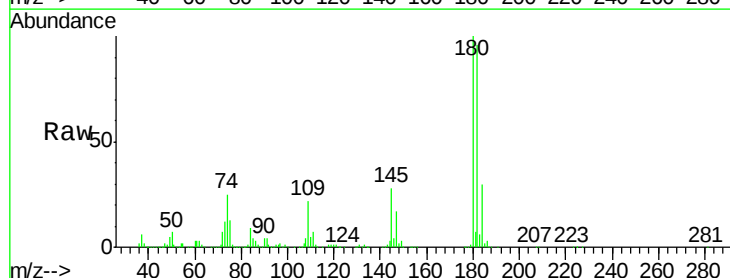
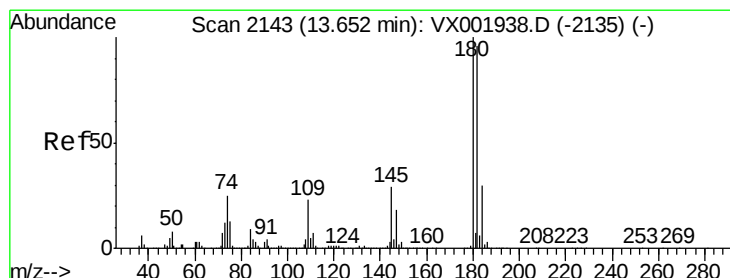
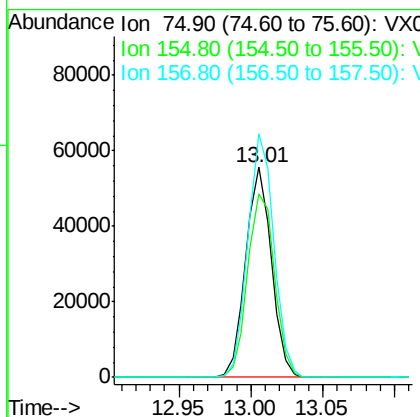
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.88 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX002035.D
 Acq: 26 May 2018 22:33

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW354-180522MS

Tot Ion	Ratio	Lower	Upper
75	100		
155	91.3	45.1	135.2
157	117.0	58.1	174.2

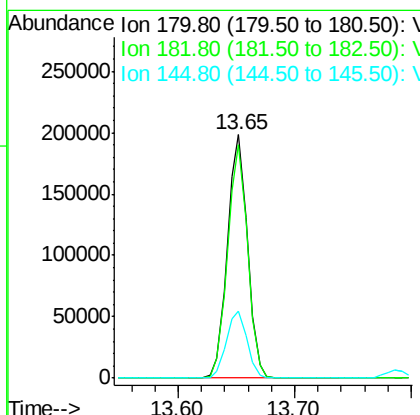
Manual Integrations
 APPROVED

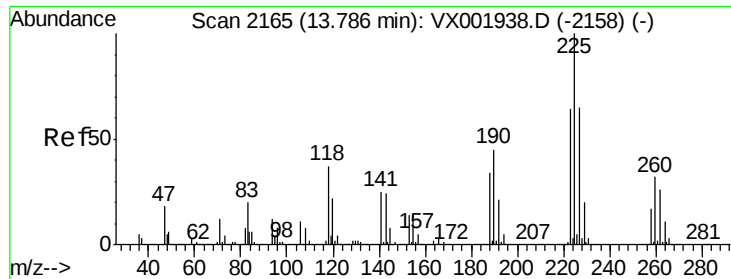
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#93
 1,2,4-Trichlorobenzene
 Concen: 44.11 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002035.D
 Acq: 26 May 2018 22:33

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.7	143.1
145	28.1	14.4	43.0





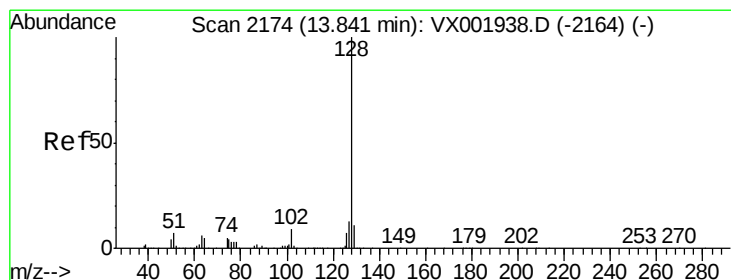
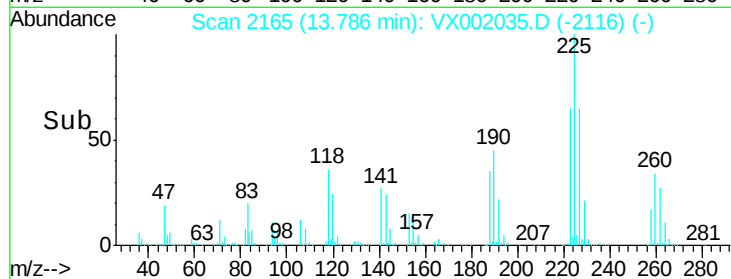
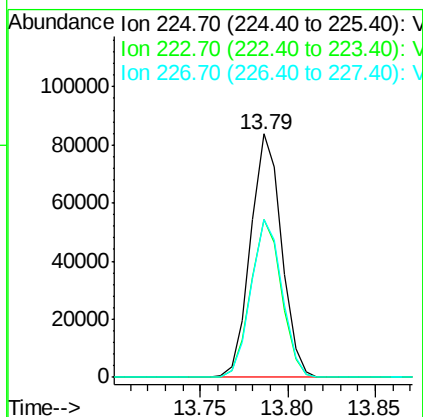
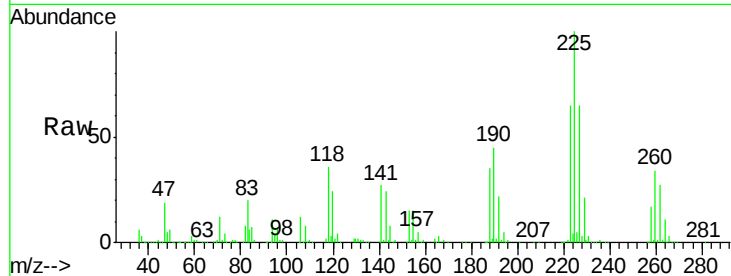
#94
Hexachlorobutadiene
Concen: 35.80 ug/l
RT: 13.79 min Scan# 2165
Delta R.T. -0.00 min
Lab File: VX002035.D
Acq: 26 May 2018 22:33

Instrument :
MSVOA_X
ClientSampleId :
SS052MW354-180522MS

Tot Ion	Ratio	Lower	Upper
225	100		
223	64.3	31.1	93.5
227	65.0	32.1	96.5

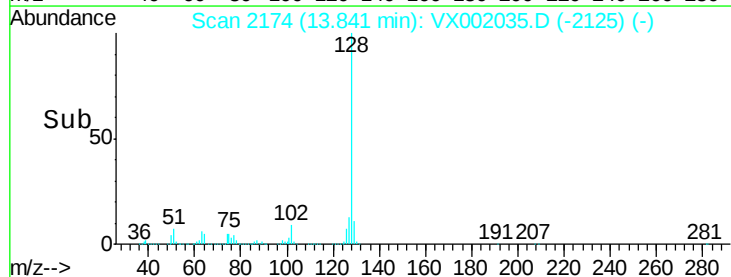
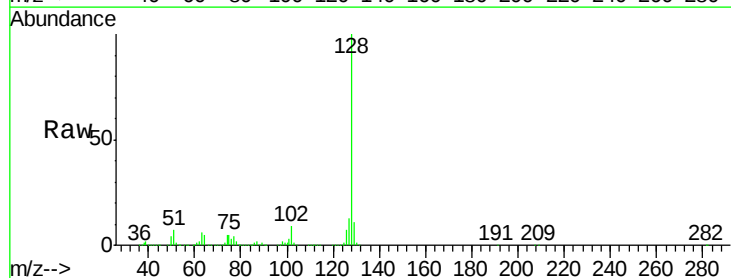
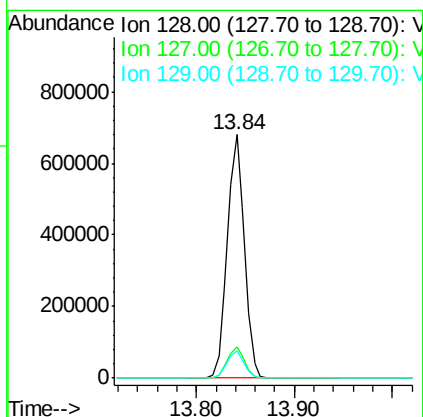
Manual Integrations
APPROVED

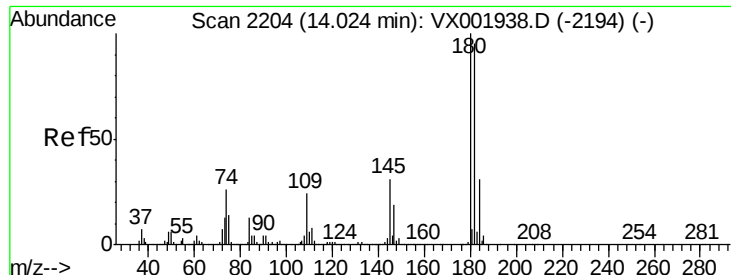
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#95
Naphthalene
Concen: 49.97 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX002035.D
Acq: 26 May 2018 22:33

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	10.9	8.8	13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 46.23 ug/l
 RT: 14.02 min Scan# 2204
 Delta R.T. -0.00 min
 Lab File: VX002035.D
 Acq: 26 May 2018 22:33

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW354-180522MS

Tot Ion:	180	Resp:	255979
Ion Ratio	Lower	Upper	
180	100		
182	94.7	47.9	143.6
145	29.8	15.1	45.3

Manual Integrations
 APPROVED

MMDadoda
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