

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121918\
 Data File : VX006659.D
 Acq On : 20 Dec 2018 01:11
 Operator : JC/MD
 Sample : J6484-06MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 966-MW-04(23)MSD

Manual Integrations
 APPROVED

MMDadoda
 12/20/2018 10:00:51 AM

Quant Time: Dec 20 05:04:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	570412	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	887271	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	826660	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	428595	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	313928	51.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.12%	
35) Dibromofluoromethane	5.51	113	290575	51.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.58%	
50) Toluene-d8	8.71	98	1084382	51.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.52%	
62) 4-Bromofluorobenzene	11.13	95	407754	52.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	235651	45.159	ug/l	98
3) Chloromethane	1.33	50	277985	49.447	ug/l	97
4) Vinyl Chloride	1.41	62	294707	50.192	ug/l	99
5) Bromomethane	1.64	94	293154	53.641	ug/l	98
6) Chloroethane	1.72	64	190050	46.746	ug/l	99
7) Trichlorofluoromethane	1.93	101	451366	49.307	ug/l	97
8) Diethyl Ether	2.19	74	177517	48.823	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	250398	46.586	ug/l	99
10) Methyl Iodide	2.51	142	429641	55.841	ug/l	100
11) Tert butyl alcohol	3.07	59	362400	264.142	ug/l	99
12) 1,1-Dichloroethene	2.37	96	251248	49.299	ug/l	99
13) Acrolein	2.30	56	206936	223.581	ug/l	97
14) Allyl chloride	2.73	41	432576	50.425	ug/l	99
15) Acrylonitrile	3.15	53	794245	260.729	ug/l	100
16) Acetone	2.45	43	659641	233.549	ug/l	99
17) Carbon Disulfide	2.57	76	620951	46.040	ug/l	99
18) Methyl Acetate	2.78	43	431073	51.904	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	889804	52.604	ug/l	98
20) Methylene Chloride	2.86	84	286354	49.030	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	273457	48.426	ug/l	97
22) Diisopropyl ether	3.87	45	823322	52.461	ug/l	99
23) Vinyl Acetate	3.82	43	3270068	254.734	ug/l	99
24) 1,1-Dichloroethane	3.70	63	472763	50.463	ug/l	98
25) 2-Butanone	4.70	43	992279	249.762	ug/l	96
26) 2,2-Dichloropropane	4.59	77	295334	40.810	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	313575	50.331	ug/l	100
28) Bromochloromethane	5.02	49	210471	53.421	ug/l	99
29) Tetrahydrofuran	5.15	42	679792	259.791	ug/l	99
30) Chloroform	5.21	83	501355	51.677	ug/l	99
31) Cyclohexane	5.57	56	402918	47.340	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	424279	51.792	ug/l	99
36) 1,1-Dichloropropene	5.80	75	361871	49.243	ug/l	100
37) Ethyl Acetate	4.85	43	384628	50.287	ug/l	99
38) Carbon Tetrachloride	5.78	117	361501	50.618	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	429891	44.435	ug/l	98
40) Benzene	6.14	78	1134155	50.774	ug/l	100
41) Methacrylonitrile	5.06	41	217891	53.657	ug/l	99
42) 1,2-Dichloroethane	6.20	62	377332	49.573	ug/l	100
43) Isopropyl Acetate	6.46	43	611466	52.542	ug/l	100
44) Trichloroethene	7.21	130	328150	48.537	ug/l	96
45) 1,2-Dichloropropane	7.51	63	276858	50.932	ug/l	100
46) Dibromomethane	7.66	93	202054	50.535	ug/l	99
47) Bromodichloromethane	7.90	83	342335	51.571	ug/l	99
48) Methyl methacrylate	7.77	41	319627	54.008	ug/l	99
49) 1,4-Dioxane	7.75	88	165504	1070.239	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	2011221	271.613	ug/l	100
52) Toluene	8.79	92	738691	51.188	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	372383	52.306	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	409379	52.406	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	304853	51.610	ug/l	99
56) Ethyl methacrylate	9.18	69	458092	54.871	ug/l	99
57) 1,3-Dichloropropane	9.37	76	484991	51.033	ug/l	99
59) 2-Hexanone	9.49	43	1517696	267.885	ug/l	99
60) Dibromochloromethane	9.59	129	301021	48.785	ug/l	98
61) 1,2-Dibromoethane	9.67	107	328094	52.251	ug/l	99
64) Tetrachloroethene	9.34	164	312248	47.701	ug/l	96
65) Chlorobenzene	10.14	112	866626	49.553	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	292096	53.533	ug/l	100
67) Ethyl Benzene	10.25	91	1435757	50.240	ug/l	99
68) m/p-Xylenes	10.36	106	1141855	101.258	ug/l	100
69) o-Xylene	10.70	106	570842	51.263	ug/l	100
70) Stvrene	10.71	104	920783	52.267	ug/l	99
71) Bromoform	10.86	173	221120	45.379	ug/l	99
73) Isopropylbenzene	11.02	105	1480856	50.505	ug/l	100
74) N-amyl acetate	10.90	43	556322	53.007	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	457210	52.432	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	416773m	52.325	ug/l	
77) Bromobenzene	11.26	156	406002	51.217	ug/l	100
78) n-propylbenzene	11.36	91	1652465	51.178	ug/l	100
79) 2-Chlorotoluene	11.42	91	981526	50.162	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1230404	50.947	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	110090	42.735	ug/l	98
82) 4-Chlorotoluene	11.51	91	1134810	50.560	ug/l	100
83) tert-Butylbenzene	11.77	119	1256837	51.998	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1268149	49.922	ug/l	100
85) sec-Butylbenzene	11.94	105	1502745	50.708	ug/l	100
86) p-Isopropyltoluene	12.07	119	1331094	51.097	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	727349	50.911	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	725904	49.564	ug/l	99
89) n-Butylbenzene	12.39	91	1114647	50.277	ug/l	99
90) Hexachloroethane	12.60	117	196362	48.284	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	714678	50.007	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	93202	51.655	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	500123	50.732	ug/l	100

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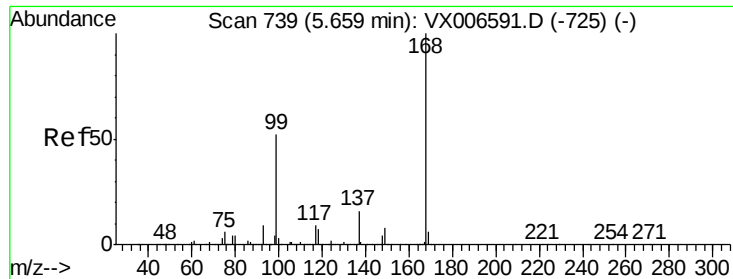
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	213520	45.952	ug/l	99
95) Naphthalene	13.83	128	1590951	50.564	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	499465	49.071	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006659.D

Acq: 20 Dec 2018 01:11

Instrument :

MSVOA_X

ClientSampleId :

966-MW-04(23)MSD

Tot Ion:168 Resp: 570412

Ion Ratio Lower Upper

168 100

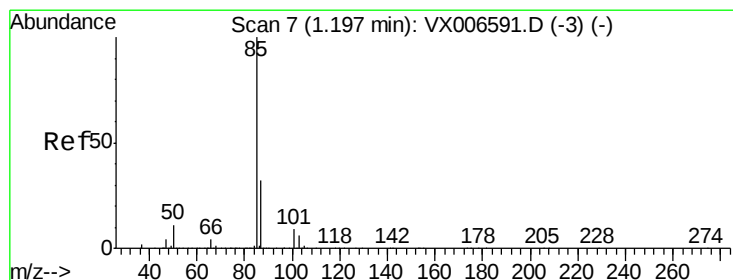
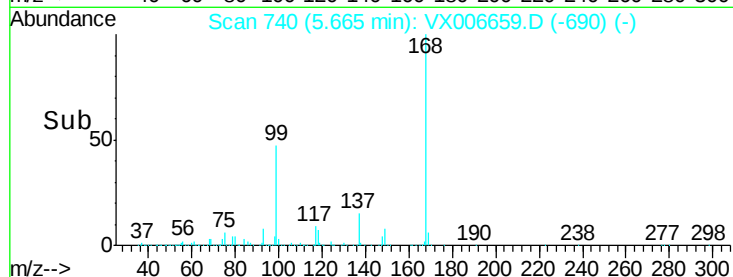
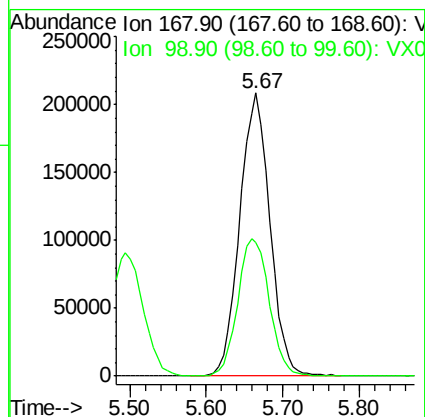
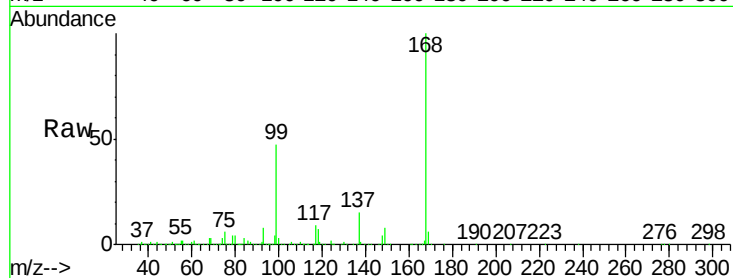
99 47.1 41.8 62.8

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 45.159 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX006659.D

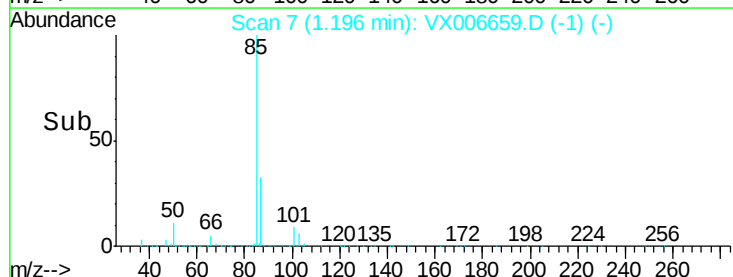
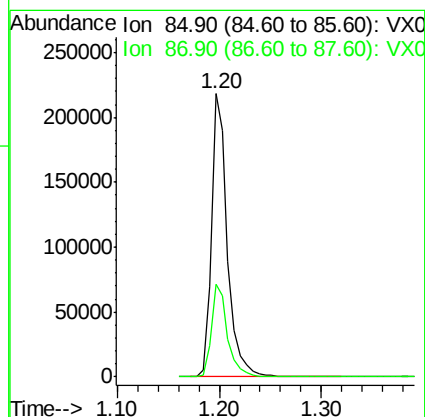
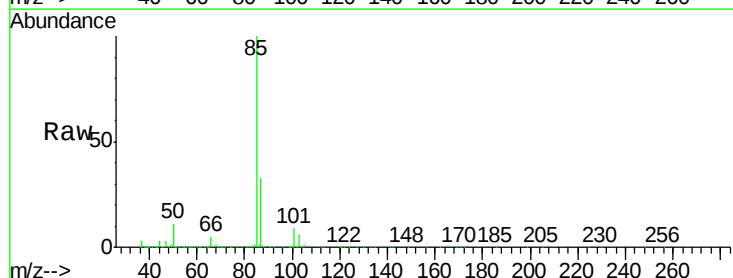
Acq: 20 Dec 2018 01:11

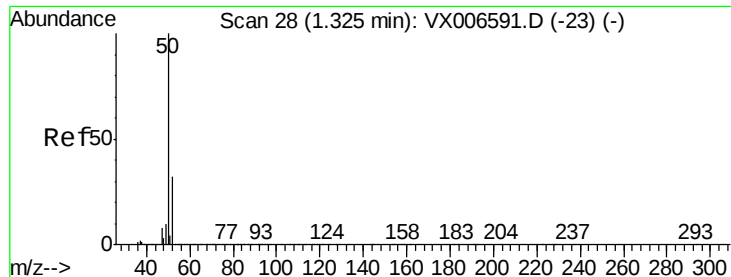
Tgt Ion: 85 Resp: 235651

Ion Ratio Lower Upper

85 100

87 32.7 15.9 47.6





#3

Chloromethane

Concen: 49.447 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX006659.D

Acq: 20 Dec 2018 01:11

Instrument :

MSVOA_X

ClientSampleId :

966-MW-04(23)MSD

Tot Ion: 50 Resp: 277985

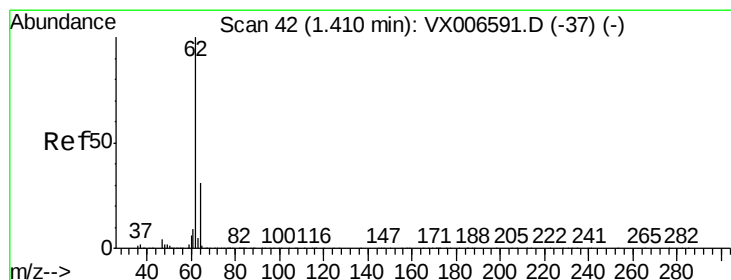
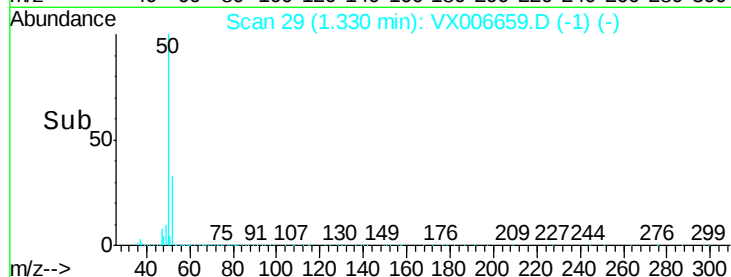
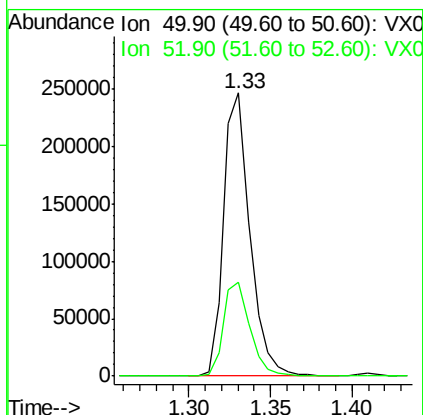
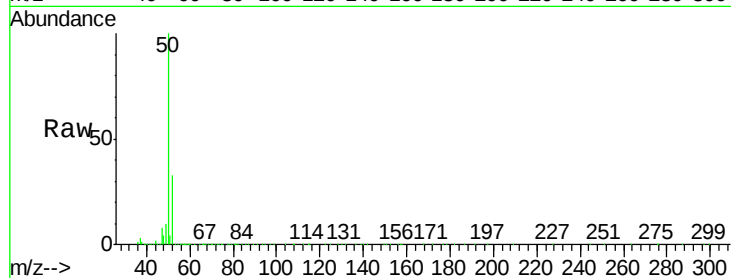
Ion Ratio Lower Upper

50 100

52 33.4 25.4 38.2

Manual Integrations
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#4

Vinyl Chloride

Concen: 50.192 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX006659.D

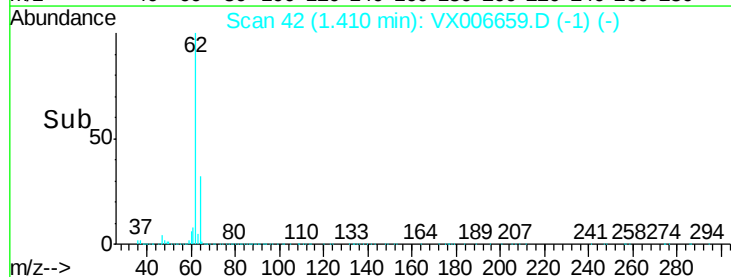
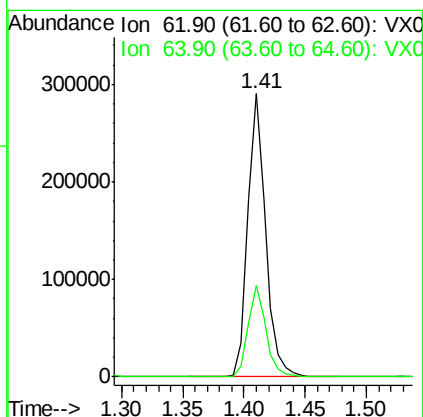
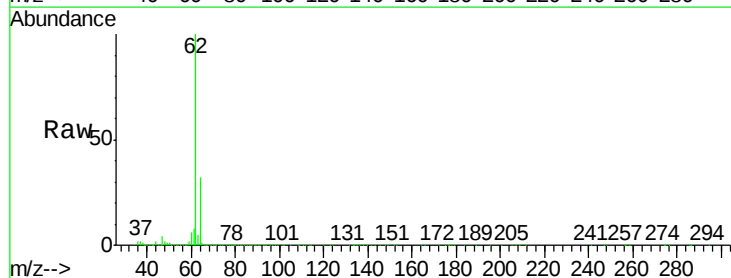
Acq: 20 Dec 2018 01:11

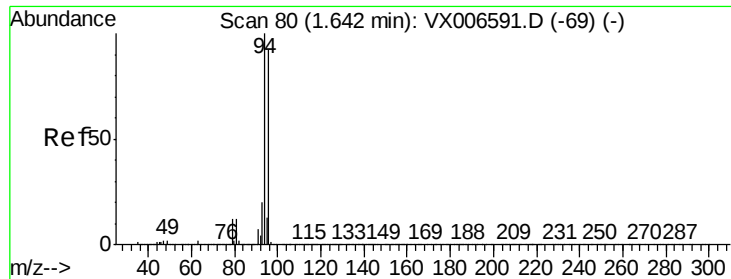
Tgt Ion: 62 Resp: 294707

Ion Ratio Lower Upper

62 100

64 32.1 25.1 37.7





#5

Bromomethane

Concen: 53.641 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006659.D

Acq: 20 Dec 2018 01:11

Instrument :

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ClientSampleId :

966-MW-04(23)MSD

Tot Ion: 94 Resp: 293154

Ion Ratio Lower Upper

94 100

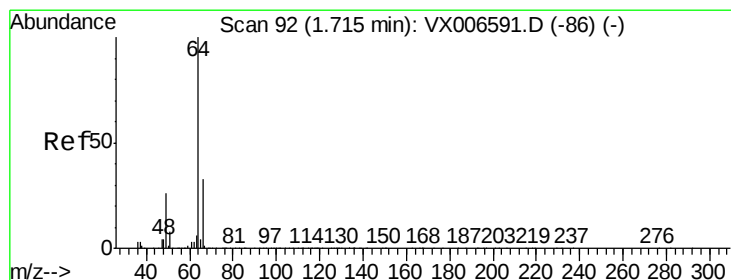
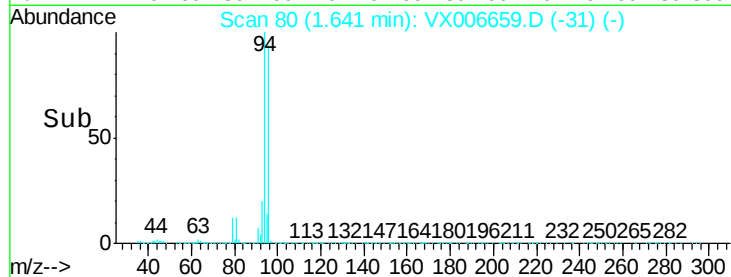
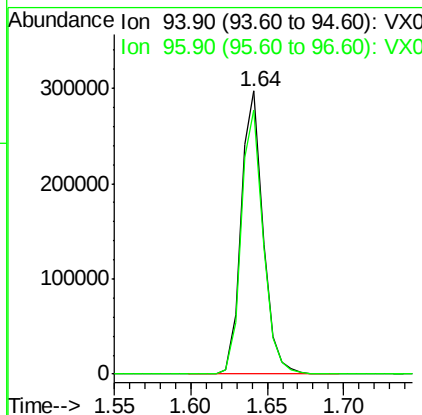
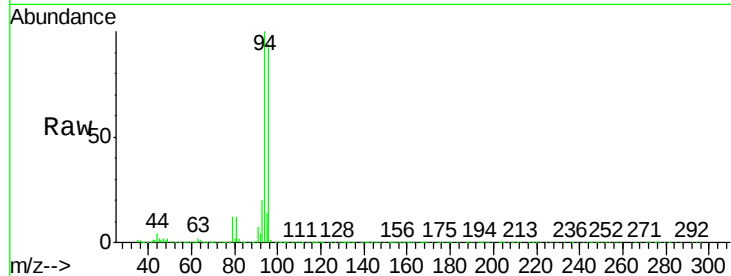
96 93.5 73.4 110.2

Manual Integrations

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12/20/2018 10:00:51 AM



#6

Chloroethane

Concen: 46.746 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX006659.D

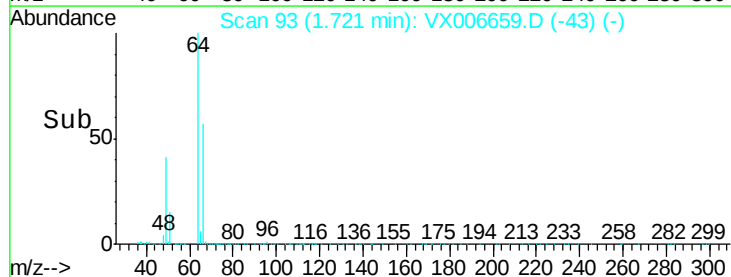
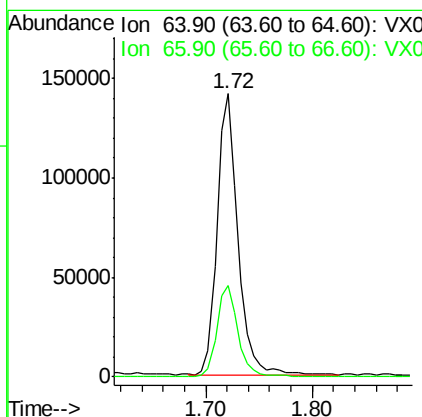
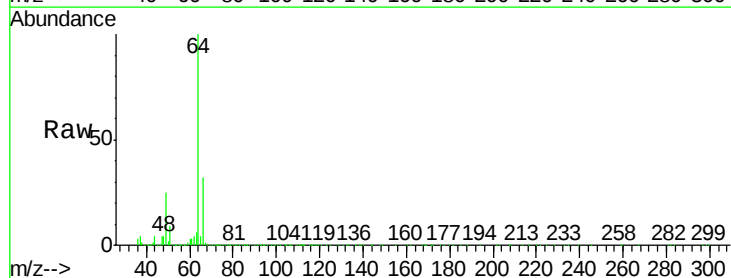
Acq: 20 Dec 2018 01:11

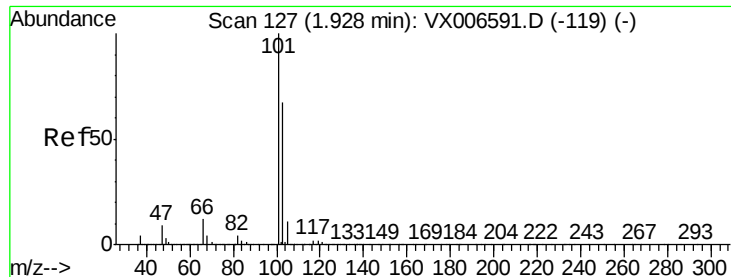
Tgt Ion: 64 Resp: 190050

Ion Ratio Lower Upper

64 100

66 32.4 26.4 39.6





#7

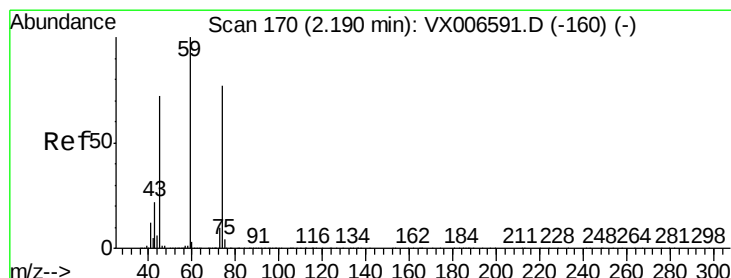
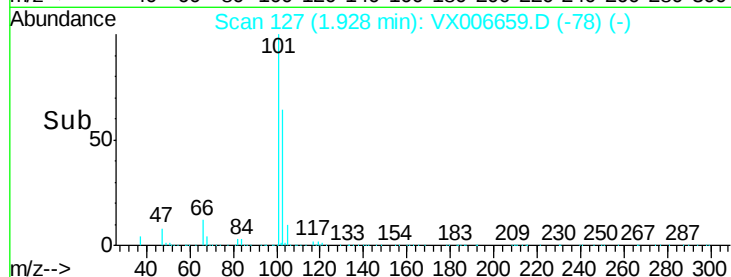
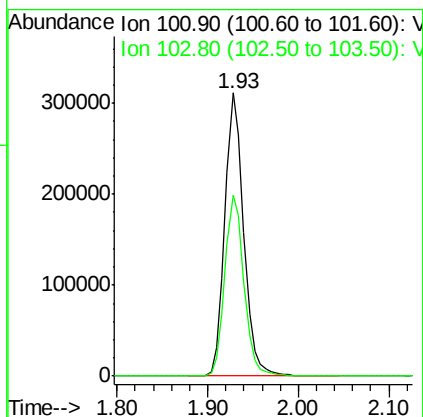
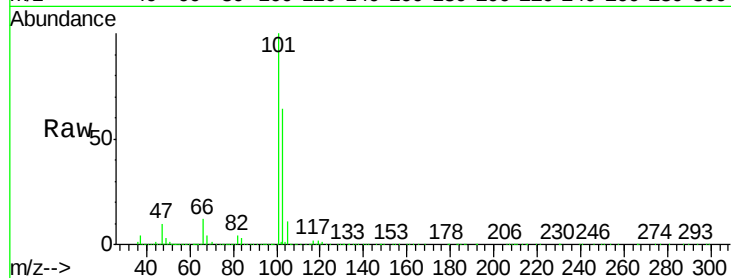
Trichlorofluoromethane
Concen: 49.307 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX006659.D
Acq: 20 Dec 2018 01:11

Instrument :
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966-MW-04(23)MSD

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.0	53.2	79.8

Manual Integrations
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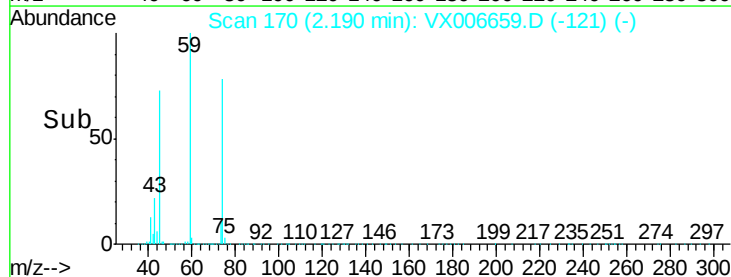
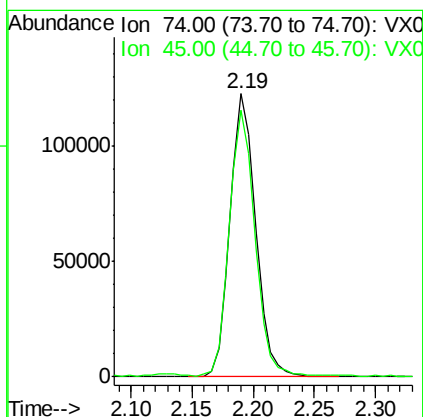
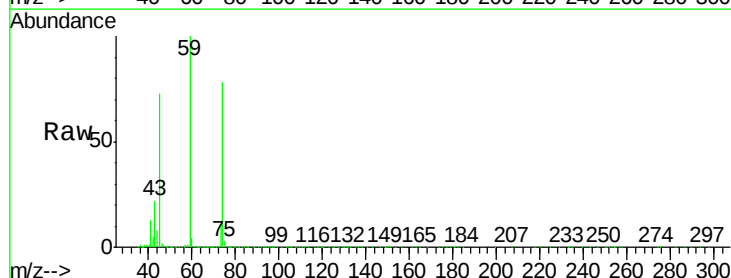
MMDadoda
12/20/2018 10:00:51 AM

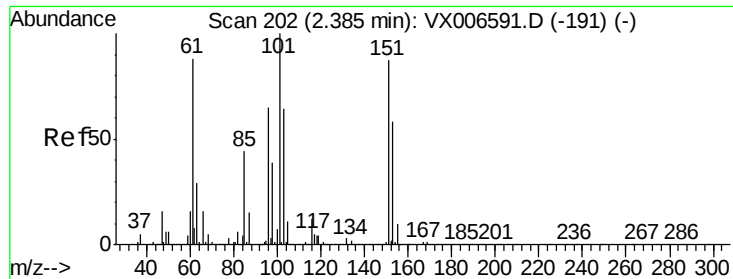


#8

Diethyl Ether
Concen: 48.823 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX006659.D
Acq: 20 Dec 2018 01:11

Tgt Ion	Ratio	Lower	Upper
74	100		
45	93.0	46.3	138.9





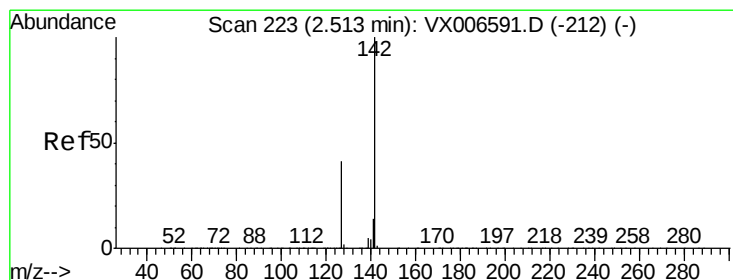
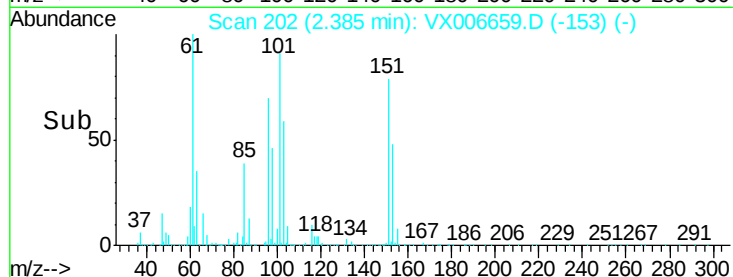
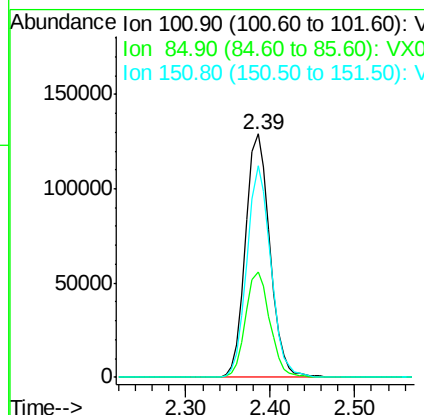
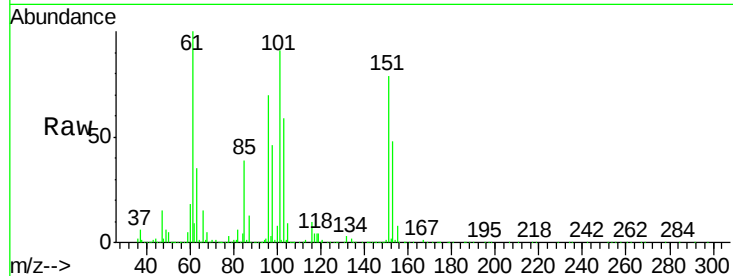
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 46.586 ug/l
 RT: 2.39 min Scan# 202
 Delta R.T. -0.00 min
 Lab File: VX006659.D
 Acq: 20 Dec 2018 01:11

Instrument :
 MSVOA_X
 ClientSampleId :
 966-MW-04(23)MSD

Tot Ion	Ratio	Resp	Lower	Upper
101	100	250398		
85	43.1	35.1	52.7	
151	85.4	68.9	103.3	

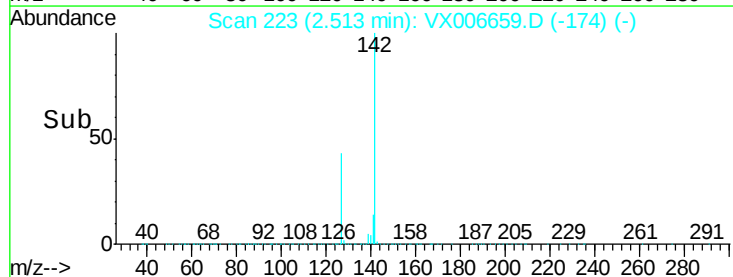
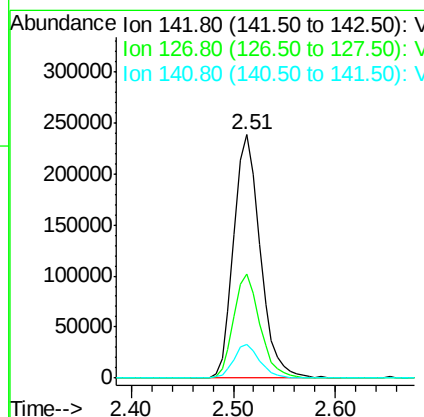
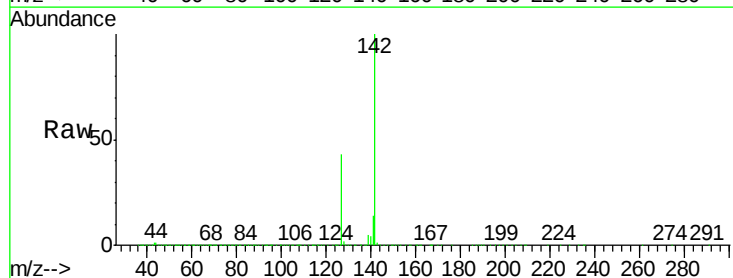
Manual Integrations
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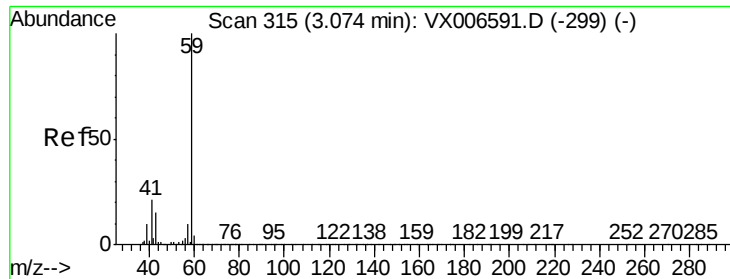
MMDadoda
 12/20/2018 10:00:51 AM



#10
 Methyl Iodide
 Concen: 55.841 ug/l
 RT: 2.51 min Scan# 223
 Delta R.T. -0.00 min
 Lab File: VX006659.D
 Acq: 20 Dec 2018 01:11

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	429641		
127	42.5	33.9	50.9	
141	13.9	11.4	17.0	





#11

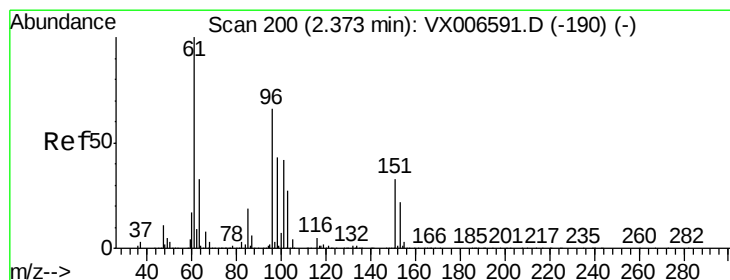
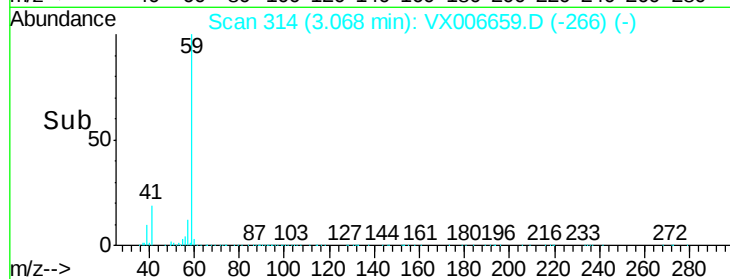
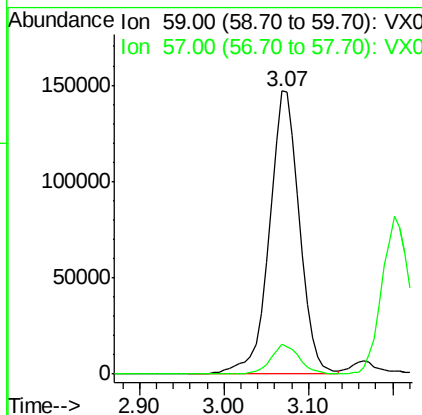
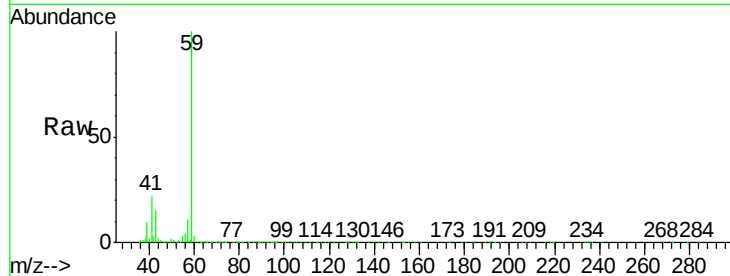
Tert butyl alcohol
Concen: 264.142 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX006659.D
Acq: 20 Dec 2018 01:11

Instrument :
MSVOA_X
ClientSampleId :
966-MW-04(23)MSD

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.5	12.7

Manual Integrations
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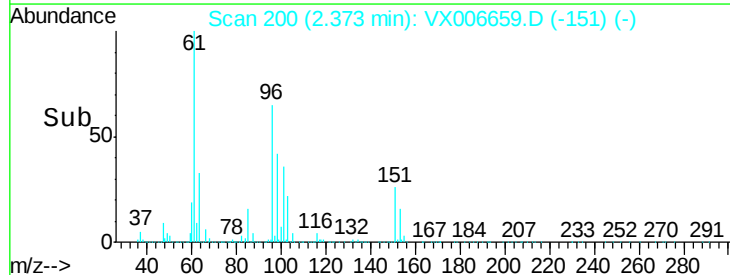
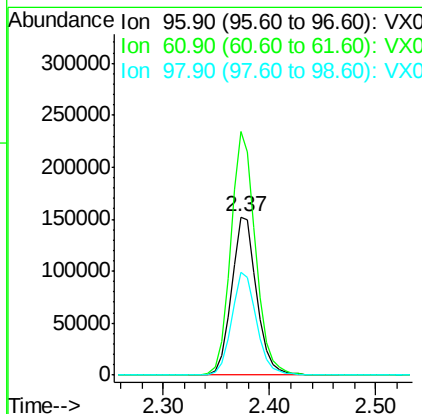
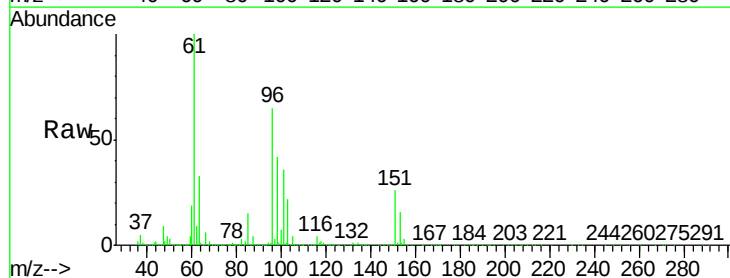
MMDadoda
12/20/2018 10:00:51 AM

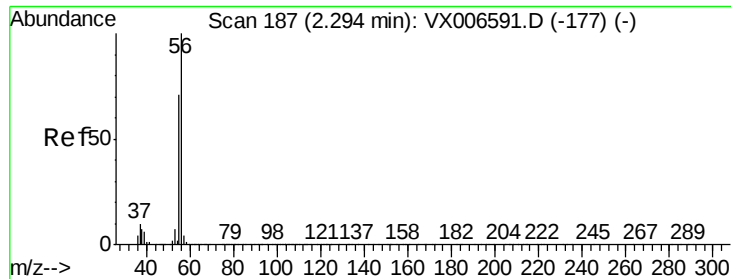


#12

1,1-Dichloroethene
Concen: 49.299 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX006659.D
Acq: 20 Dec 2018 01:11

Tgt Ion	Ratio	Lower	Upper
96	100		
61	154.2	121.4	182.2
98	64.8	51.9	77.9





#13

Acrolein

Concen: 223.581 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX006659.D

Acq: 20 Dec 2018 01:11

Instrument :

MSVOA_X

ClientSampleId :

966-MW-04(23)MSD

Tot Ion: 56 Resp: 206936

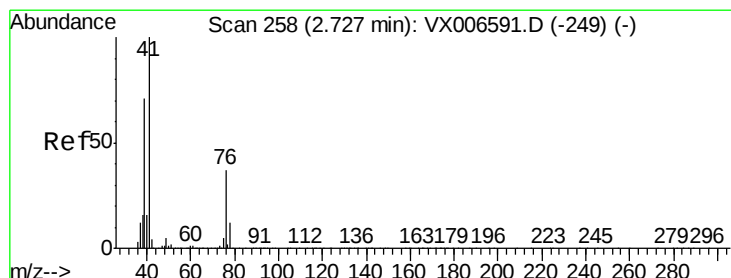
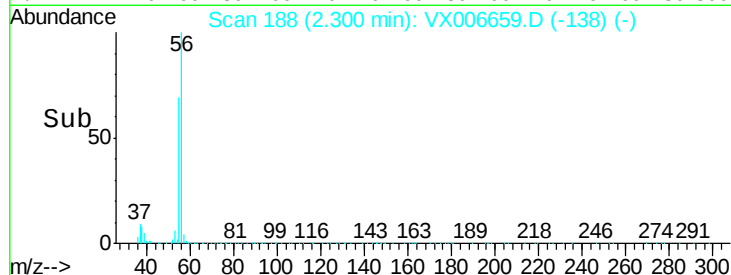
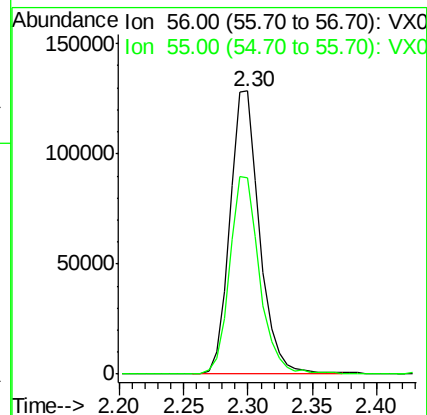
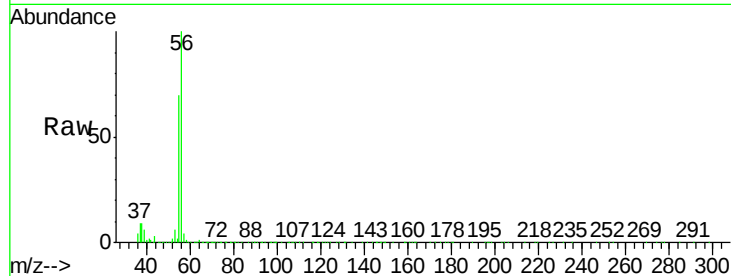
Ion Ratio Lower Upper

56 100

55 70.3 58.2 87.4

Manual Integrations
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12/20/2018 10:00:51 AM



#14

Allyl chloride

Concen: 50.425 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX006659.D

Acq: 20 Dec 2018 01:11

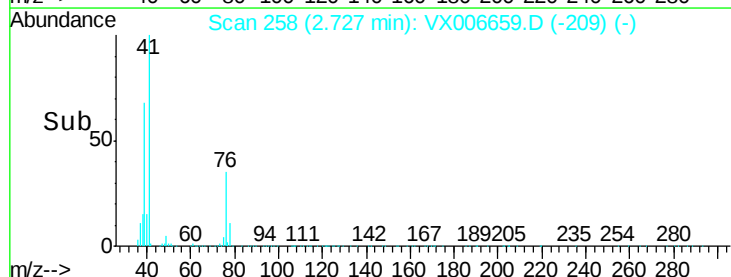
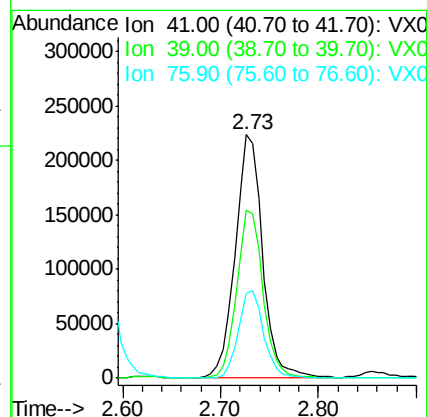
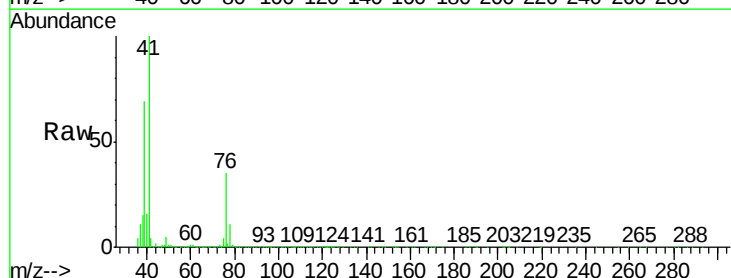
Tgt Ion: 41 Resp: 432576

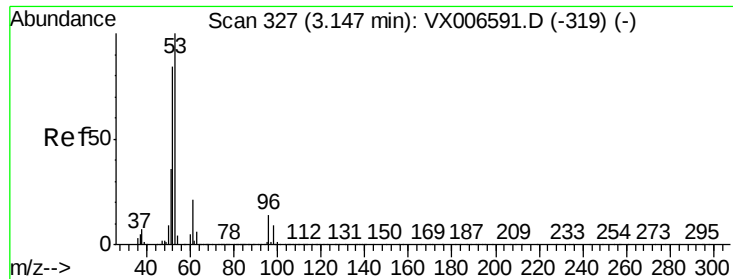
Ion Ratio Lower Upper

41 100

39 66.1 53.6 80.4

76 33.3 27.4 41.2





#15

Acrylonitrile

Concen: 260.729 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.01 min

Lab File: VX006659.D

Acq: 20 Dec 2018 01:11

Instrument :

MSVOA_X

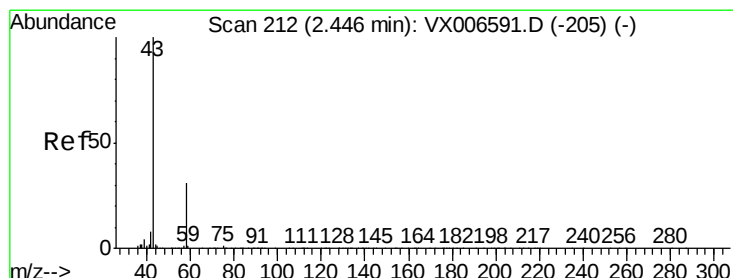
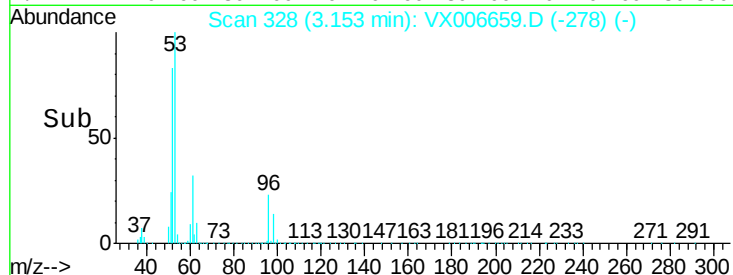
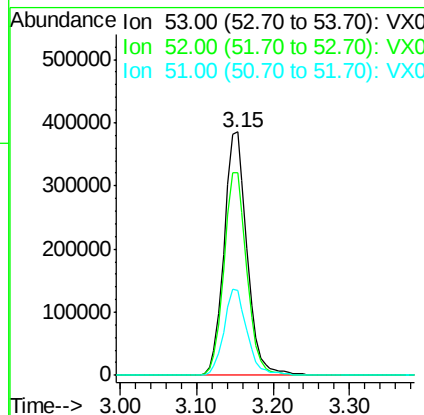
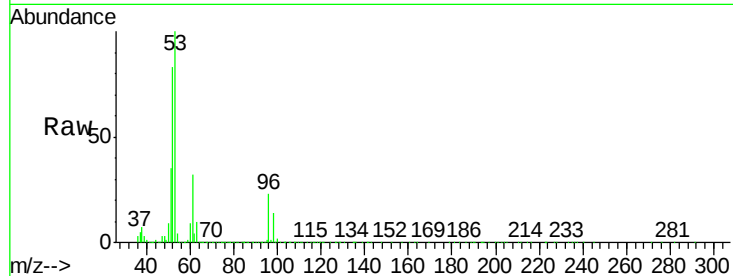
ClientSampleId :

966-MW-04(23)MSD

Tot Ion:	53	Resp:	794245
Ion Ratio		Lower	Upper
53	100		
52	83.0	66.0	99.0
51	35.8	28.6	42.8

Manual Integrations
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#16

Acetone

Concen: 233.549 ug/l

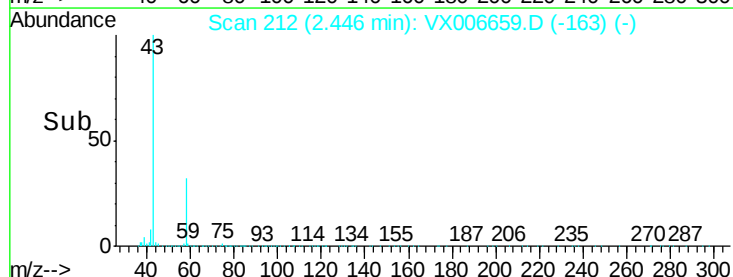
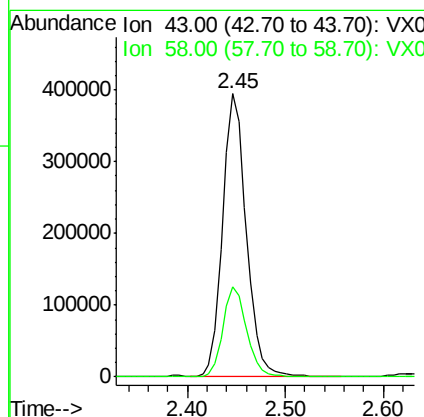
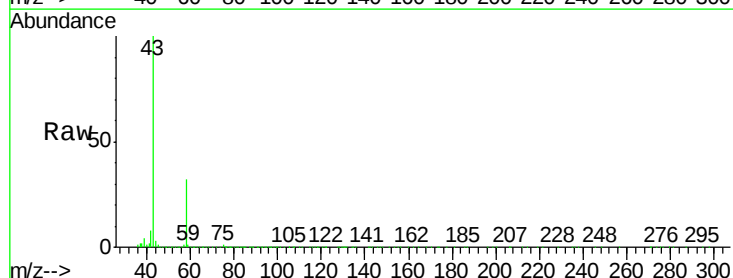
RT: 2.45 min Scan# 212

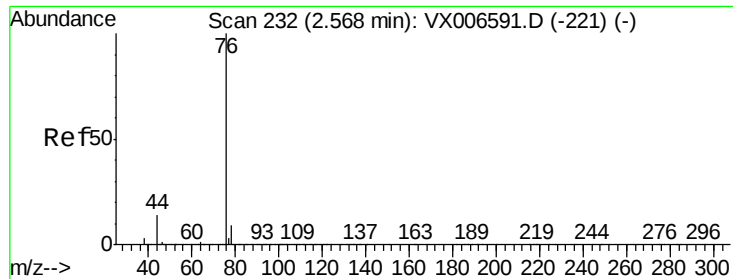
Delta R.T. -0.00 min

Lab File: VX006659.D

Acq: 20 Dec 2018 01:11

Tgt Ion:	43	Resp:	659641
Ion Ratio		Lower	Upper
43	100		
58	31.8	25.0	37.6





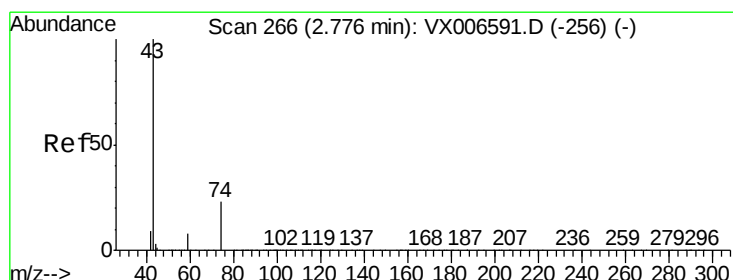
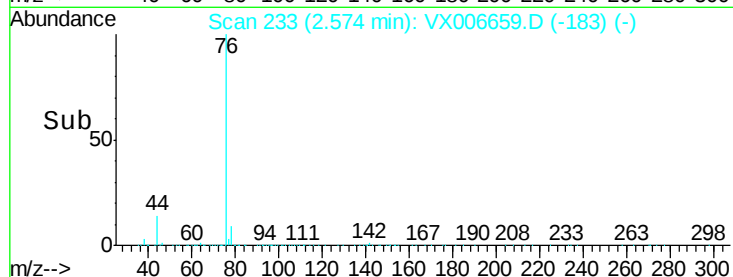
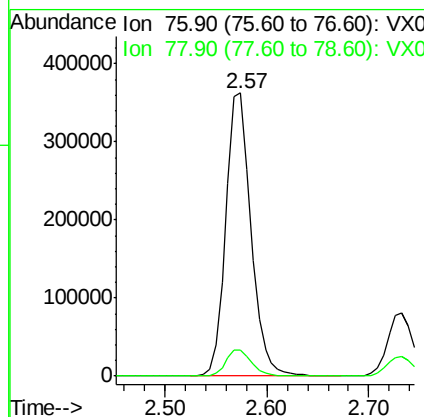
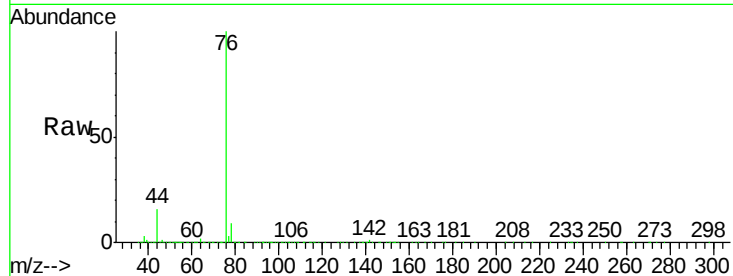
#17
Carbon Disulfide
Concen: 46.040 ug/l
RT: 2.57 min Scan# 233
Delta R.T. 0.01 min
Lab File: VX006659.D
Acq: 20 Dec 2018 01:11

Instrument :
MSVOA_X
ClientSampleId :
966-MW-04(23)MSD

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.0	10.6

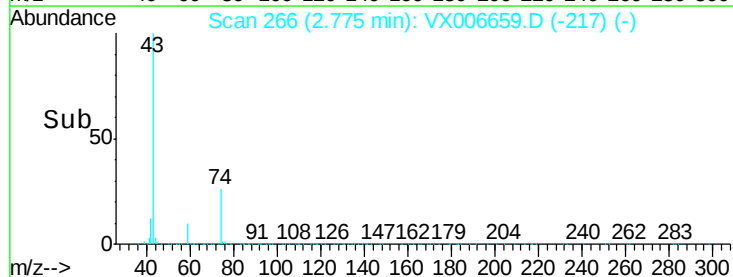
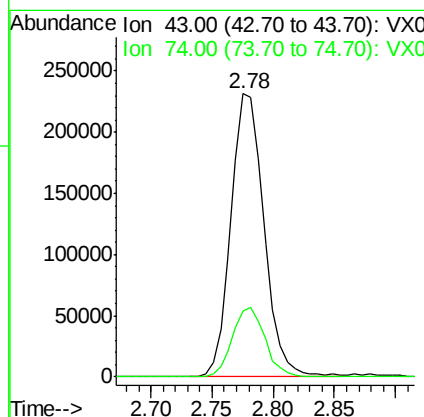
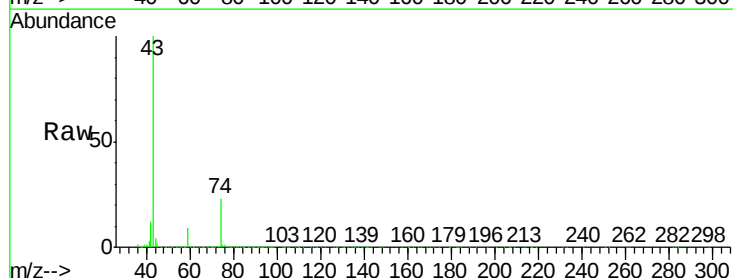
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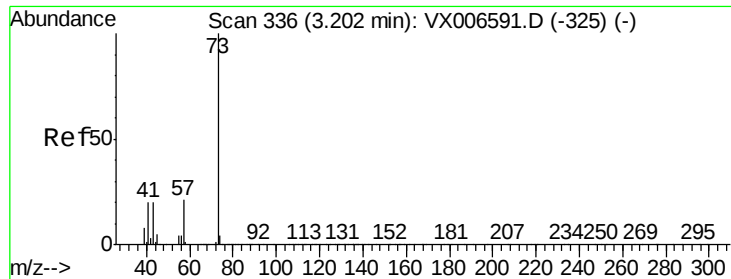
MMDadoda
12/20/2018 10:00:51 AM



#18
Methyl Acetate
Concen: 51.904 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX006659.D
Acq: 20 Dec 2018 01:11

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.0	18.6	28.0





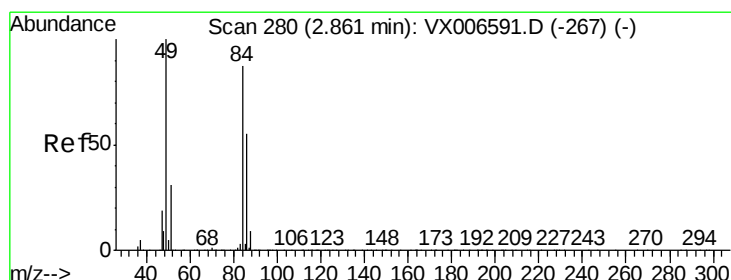
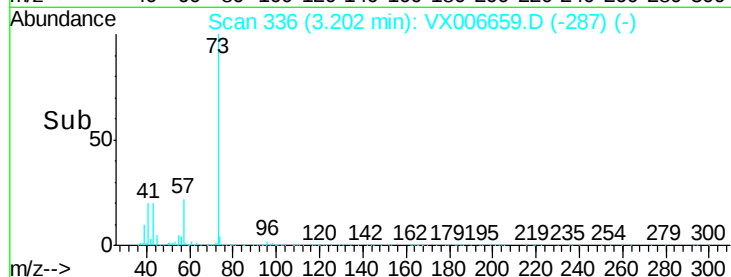
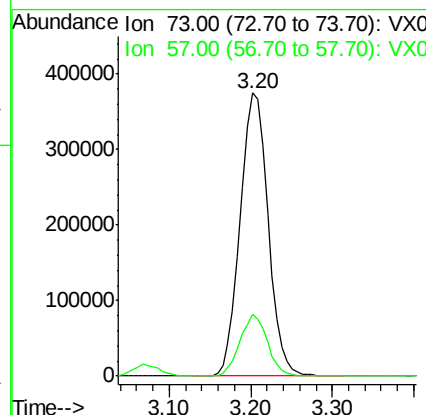
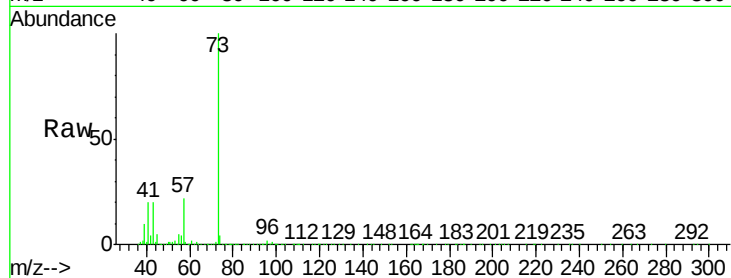
#19
Methvl tert-butvl Ether
Concen: 52.604 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX006659.D
Acq: 20 Dec 2018 01:11

Instrument :
MSVOA_X
ClientSampleId :
966-MW-04(23)MSD

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.9	16.8	25.2

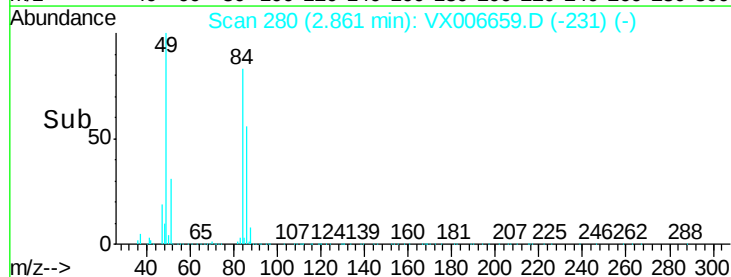
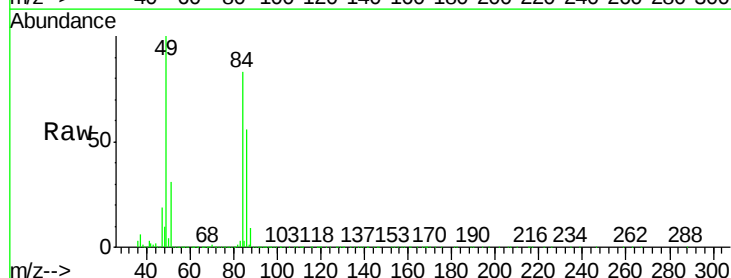
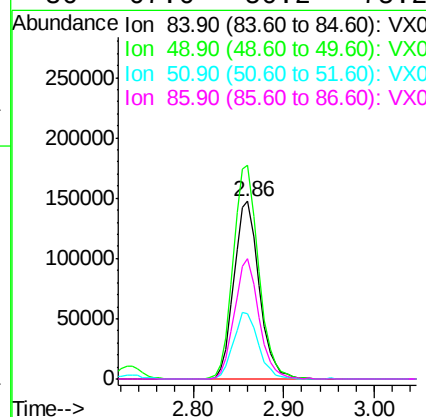
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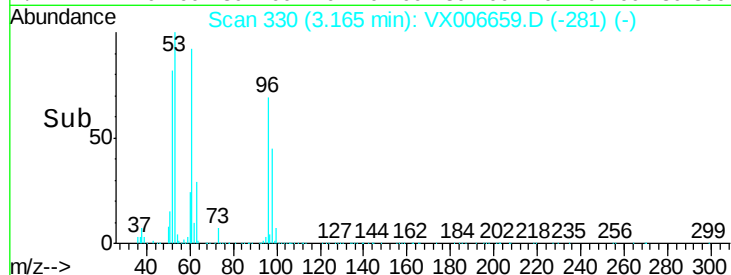
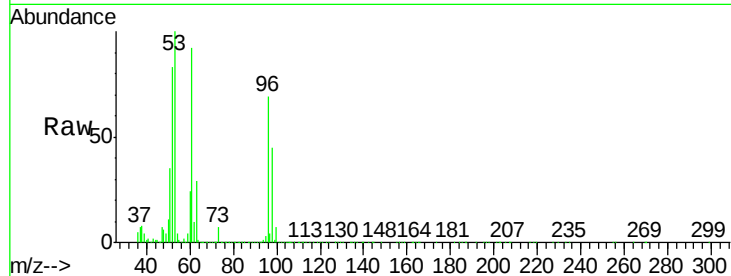
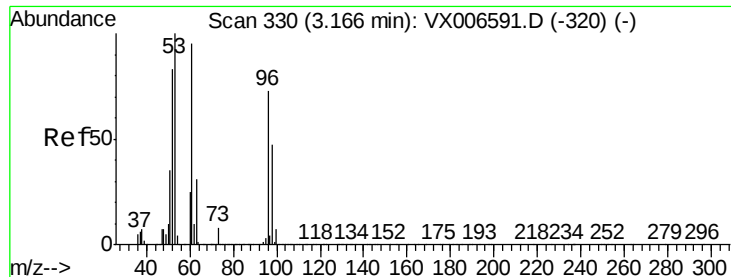
MMDadoda
12/20/2018 10:00:51 AM



#20
Methylene Chloride
Concen: 49.030 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX006659.D
Acq: 20 Dec 2018 01:11

Tgt Ion	Ratio	Lower	Upper
84	100		
49	120.0	91.8	137.6
51	36.9	28.5	42.7
86	67.6	50.2	75.2





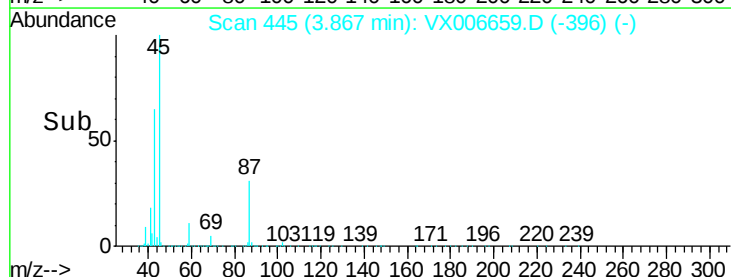
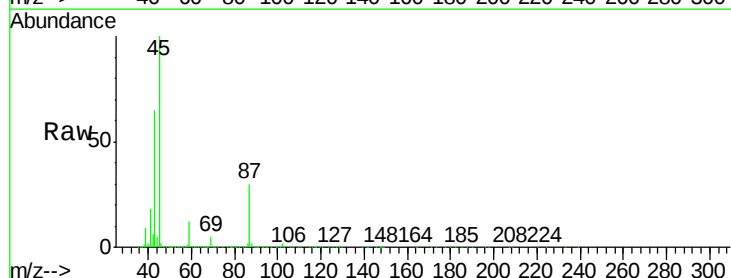
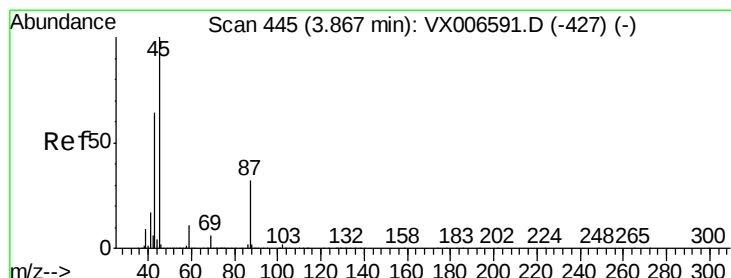
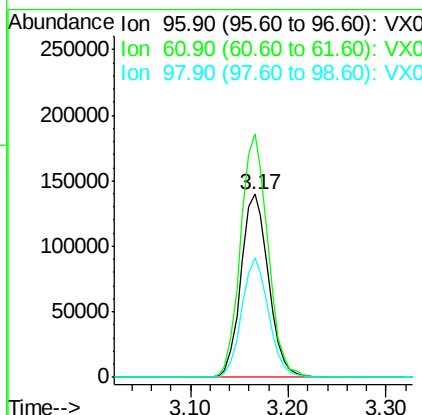
#21
trans-1,2-Dichloroethene
Concen: 48.426 ug/l
RT: 3.17 min Scan# 330
Delta R.T. -0.00 min
Lab File: VX006659.D
Acq: 20 Dec 2018 01:11

Tot Ion	Ratio	Lower	Upper
96	100		
61	133.1	103.7	155.5
98	65.3	51.0	76.6

Instrument :
MSVOA_X
ClientSampleId :
966-MW-04(23)MSD

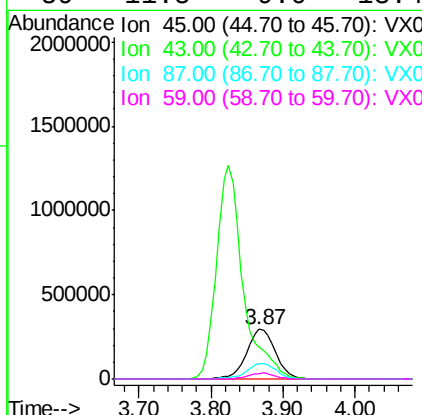
Manual Integrations
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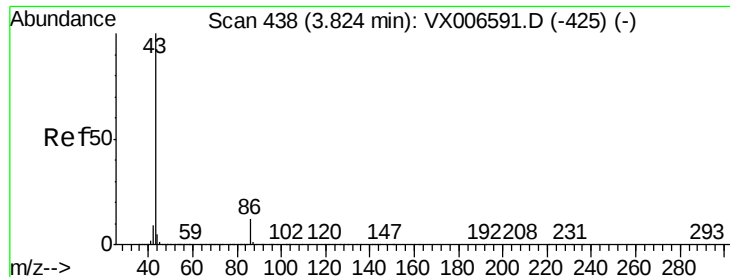
MMDadoda
12/20/2018 10:00:51 AM



#22
Diisopropyl ether
Concen: 52.461 ug/l
RT: 3.87 min Scan# 445
Delta R.T. -0.00 min
Lab File: VX006659.D
Acq: 20 Dec 2018 01:11

Tgt Ion	Ratio	Lower	Upper
45	100		
43	64.4	51.2	76.8
87	30.4	25.8	38.6
59	11.5	9.0	13.4





#23

Vinyl Acetate

Concen: 254.734 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX006659.D

Acq: 20 Dec 2018 01:11

Instrument :

MSVOA_X

ClientSampleId :

966-MW-04(23)MSD

Tot Ion: 43 Resp: 3270068

Ion Ratio Lower Upper

43 100

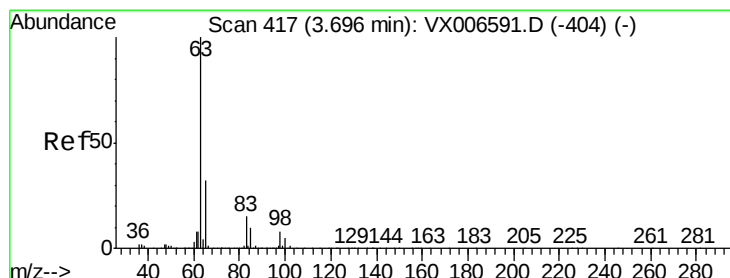
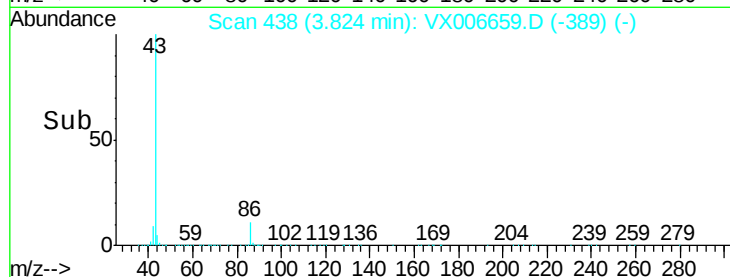
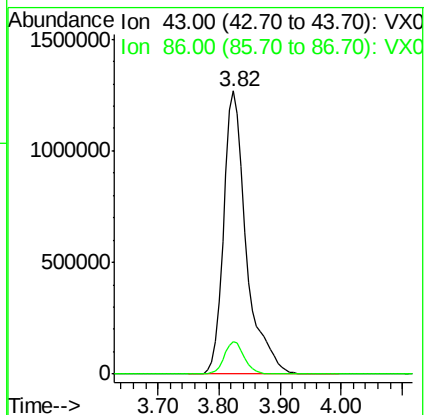
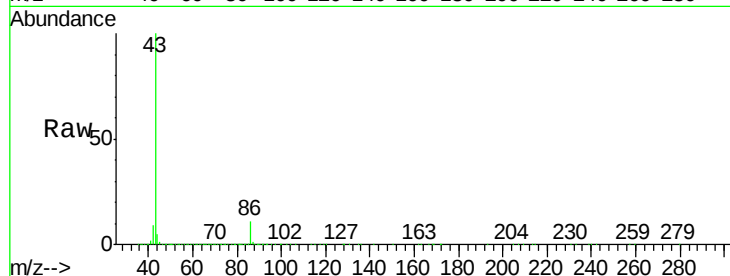
86 11.3 9.2 13.8

Manual Integrations

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12/20/2018 10:00:51 AM



#24

1,1-Dichloroethane

Concen: 50.463 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX006659.D

Acq: 20 Dec 2018 01:11

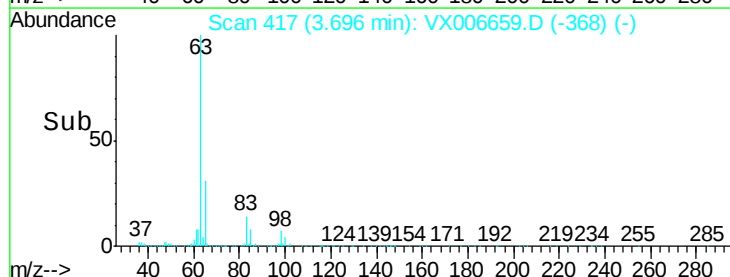
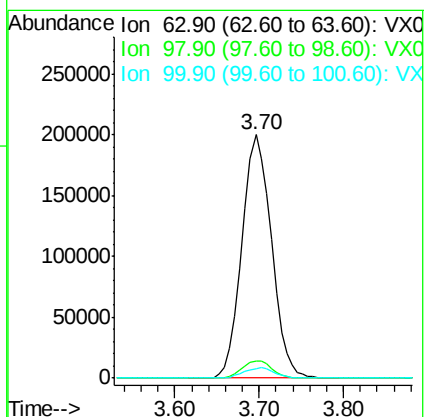
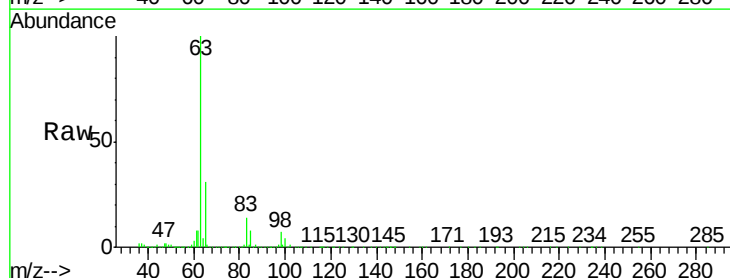
Tgt Ion: 63 Resp: 472763

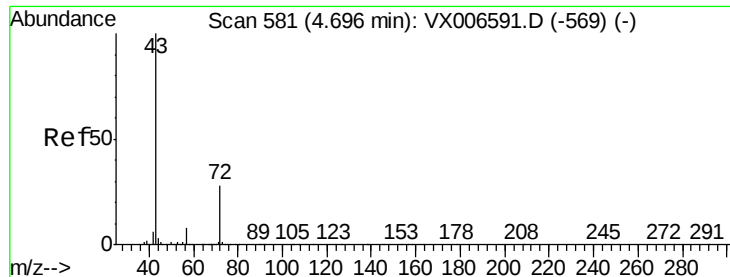
Ion Ratio Lower Upper

63 100

98 7.2 3.9 11.5

100 3.9 2.4 7.2





#25

2-Butanone

Concen: 249.762 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.00 min

Lab File: VX006659.D

Acq: 20 Dec 2018 01:11

Instrument :

MSVOA_X

ClientSampleId :

966-MW-04(23)MSD

Tot Ion: 43 Resp: 992279

Ion Ratio Lower Upper

43 100

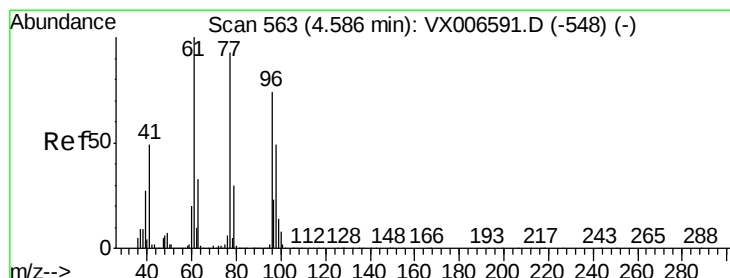
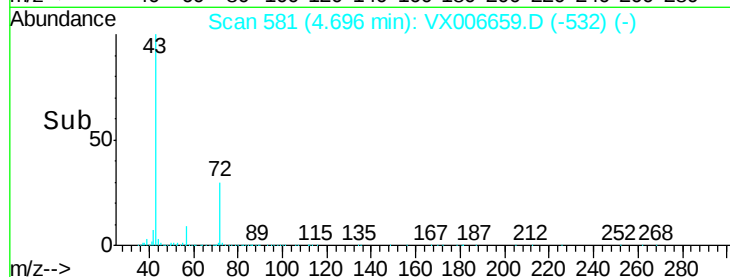
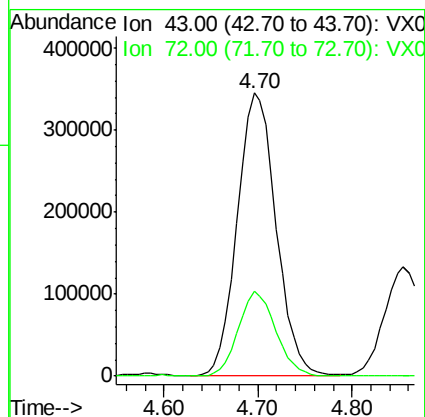
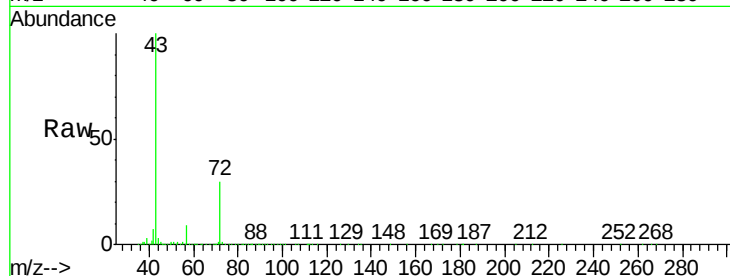
72 30.0 22.4 33.6

Manual Integrations

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MMDadoda

12/20/2018 10:00:51 AM



#26

2,2-Dichloropropane

Concen: 40.810 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX006659.D

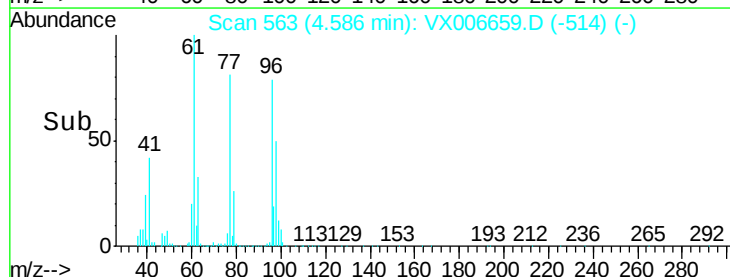
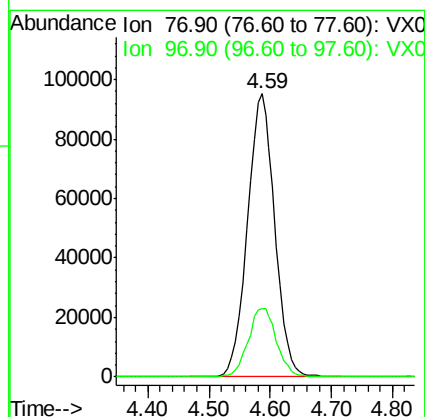
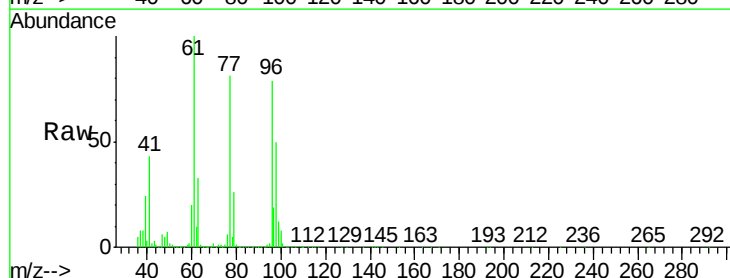
Acq: 20 Dec 2018 01:11

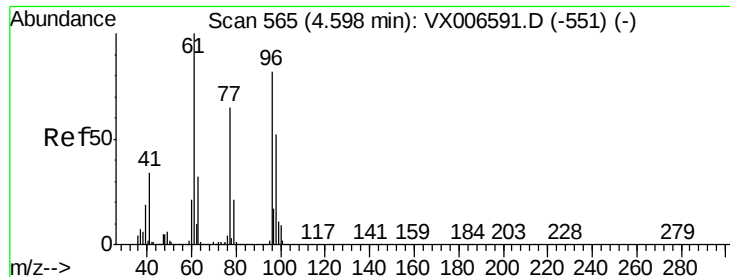
Tgt Ion: 77 Resp: 295334

Ion Ratio Lower Upper

77 100

97 25.4 12.4 37.4





#27

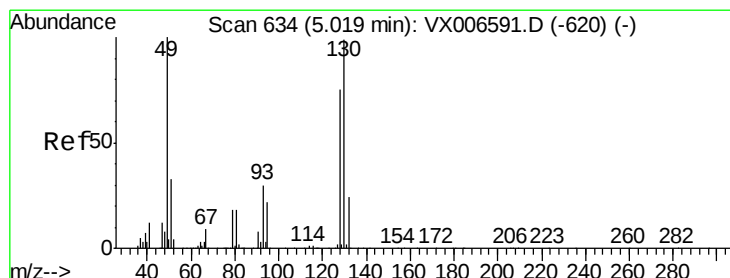
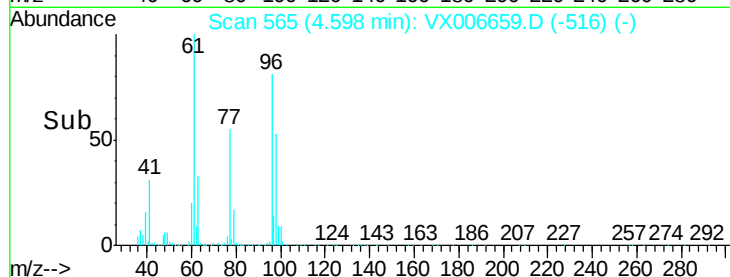
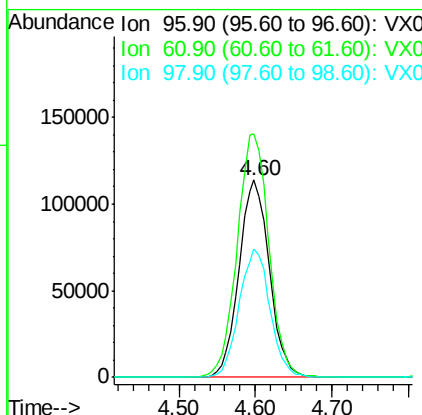
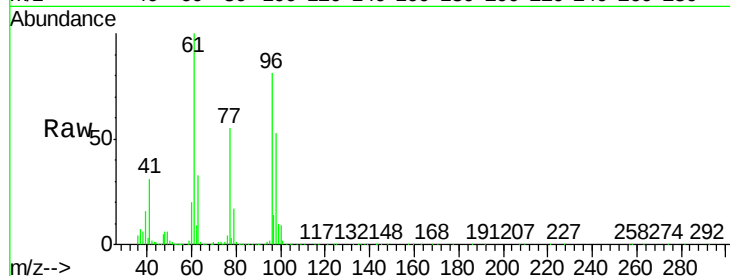
cis-1,2-Dichloroethene
Concen: 50.331 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX006659.D
Acq: 20 Dec 2018 01:11

Instrument :
MSVOA_X
ClientSampleId :
966-MW-04(23)MSD

Tot Ion	Ratio	Resp	Lower	Upper
96	100	313575		
61	129.3		0.0	258.6
98	66.2		0.0	132.0

Manual Integrations
APPROVED

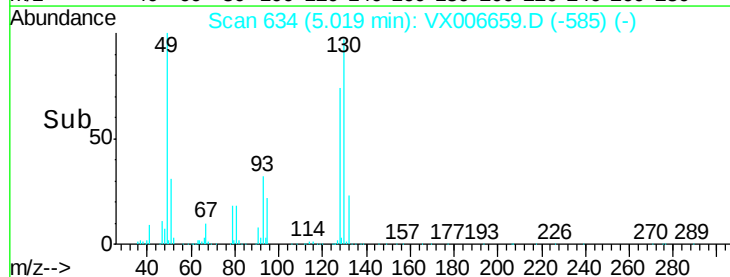
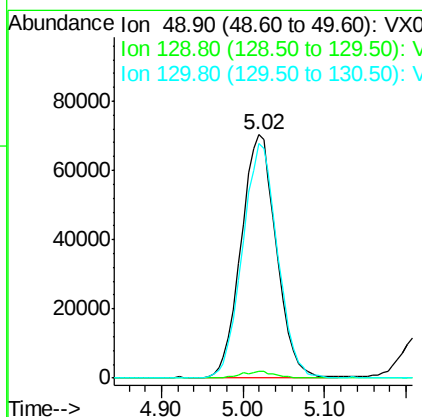
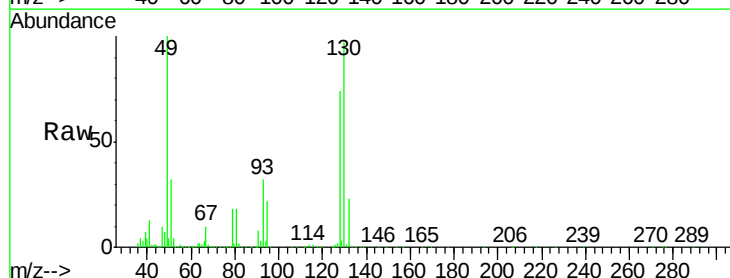
MMDadoda
12/20/2018 10:00:51 AM

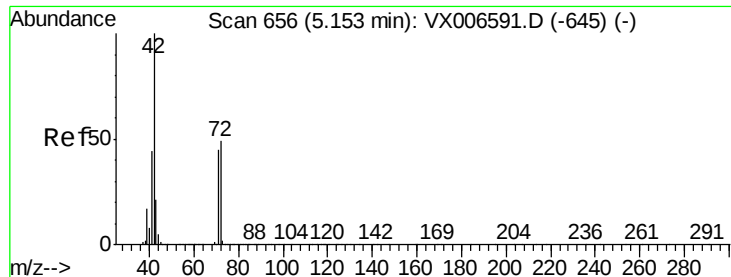


#28

Bromochloromethane
Concen: 53.421 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX006659.D
Acq: 20 Dec 2018 01:11

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	210471		
129	2.8		0.0	5.4
130	96.3		77.7	116.5





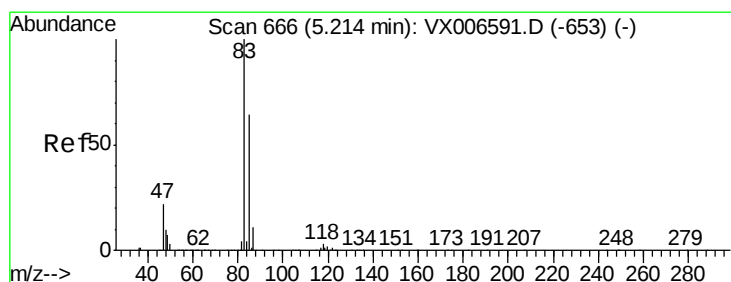
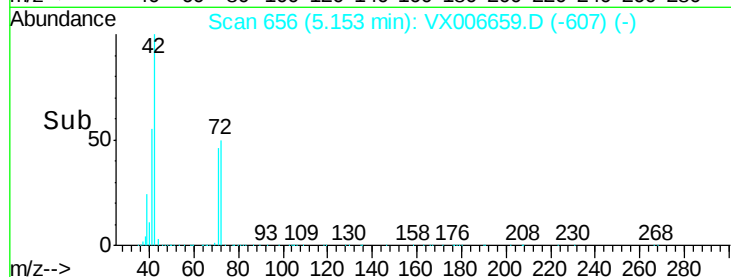
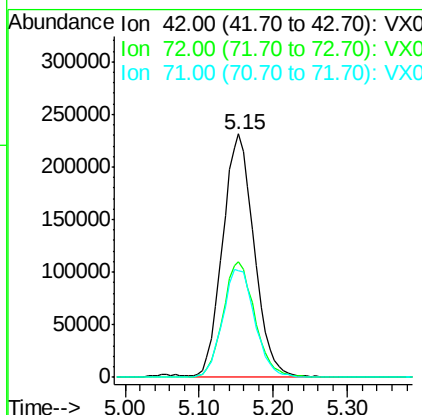
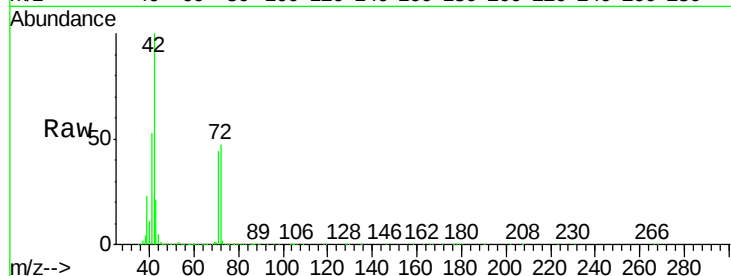
#29
Tetrahydrofuran
Concen: 259.791 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX006659.D
Acq: 20 Dec 2018 01:11

Instrument :
MSVOA_X
ClientSampleId :
966-MW-04(23)MSD

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.2	38.9	58.3
71	45.7	36.2	54.4

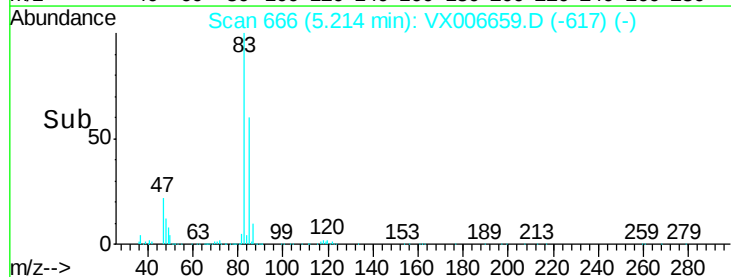
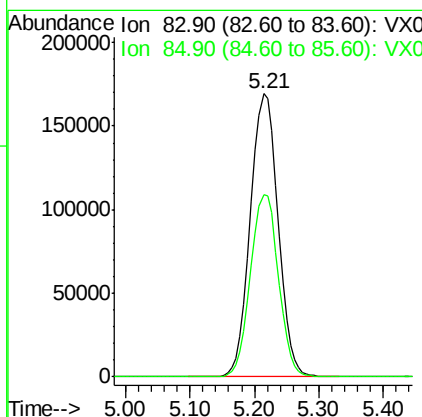
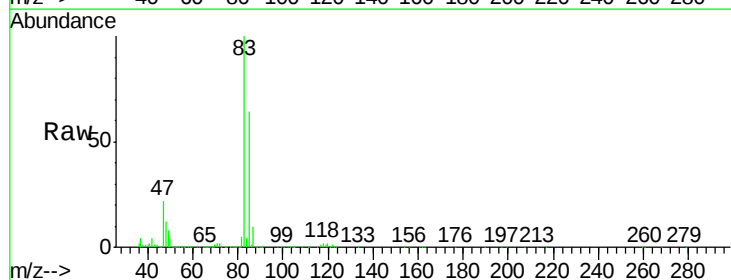
Manual Integrations
APPROVED

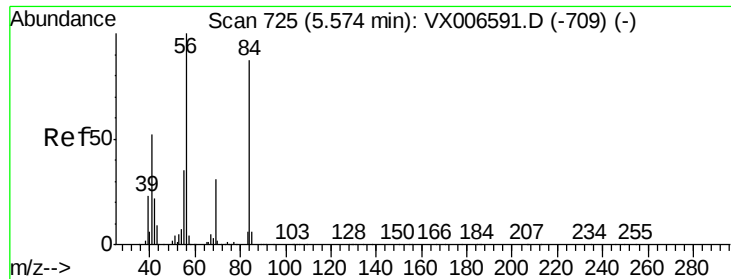
MMDadoda
12/20/2018 10:00:51 AM



#30
Chloroform
Concen: 51.677 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX006659.D
Acq: 20 Dec 2018 01:11

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.4	51.2	76.8





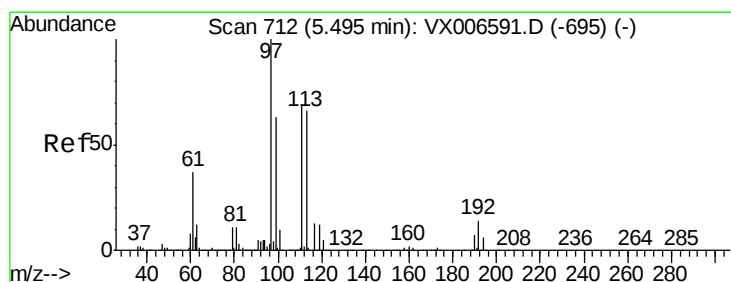
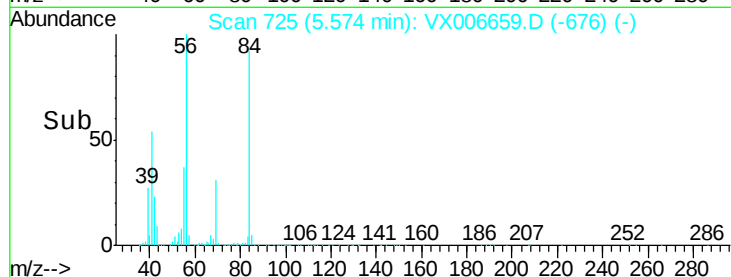
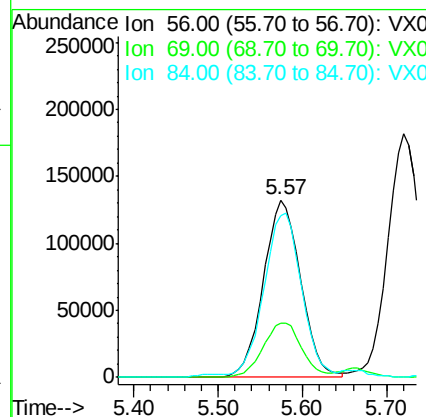
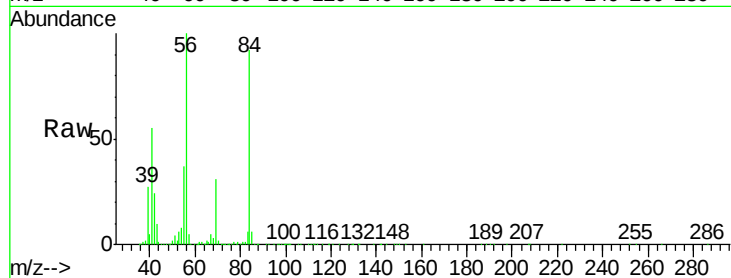
#31
Cyclohexane
Concen: 47.340 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX006659.D
Acq: 20 Dec 2018 01:11

Instrument :
MSVOA_X
ClientSampleId :
966-MW-04(23)MSD

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.7	24.4	36.6
84	90.7	70.0	105.0

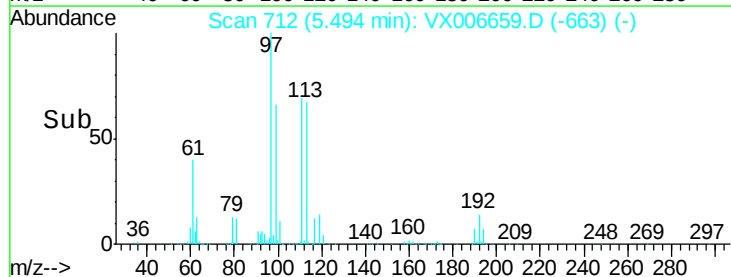
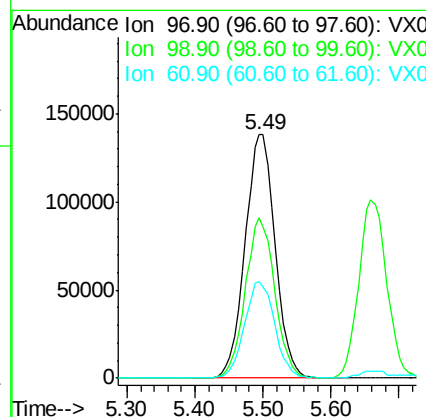
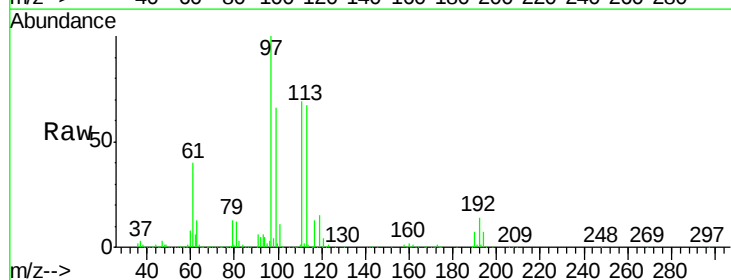
Manual Integrations
APPROVED

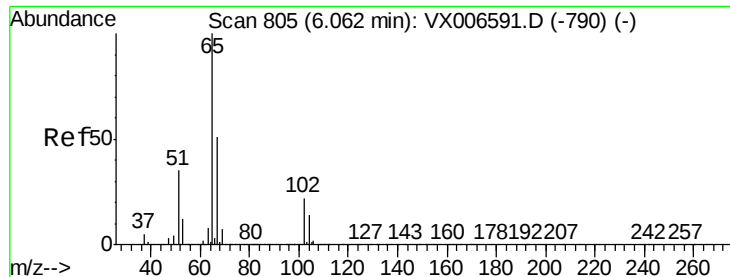
MMDadoda
12/20/2018 10:00:51 AM



#32
1,1,1-Trichloroethane
Concen: 51.792 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX006659.D
Acq: 20 Dec 2018 01:11

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.7	77.5
61	40.0	31.3	46.9





#33

1,2-Dichloroethane-d4

Concen: 51.065 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006659.D

Acq: 20 Dec 2018 01:11

Instrument :

MSVOA_X

ClientSampleId :

966-MW-04(23)MSD

Tot Ion: 65 Resp: 313928

Ion Ratio Lower Upper

65 100

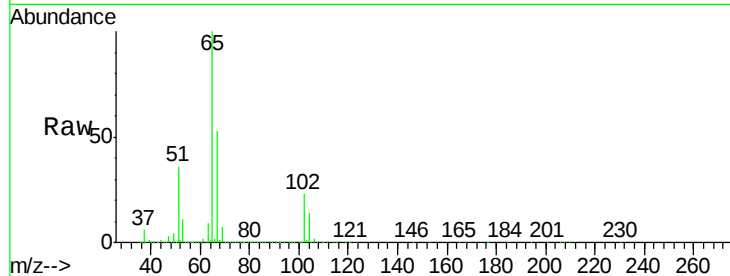
67 52.8 0.0 105.0

Manual Integrations

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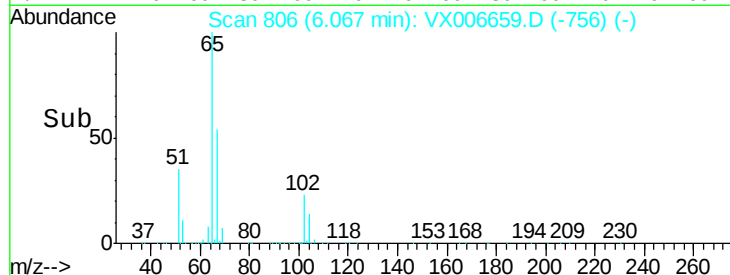
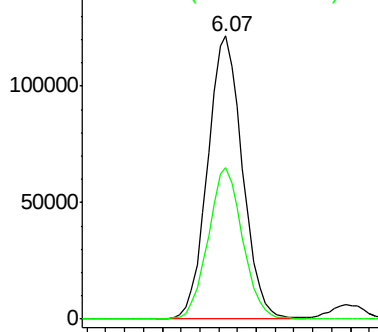
MMDadoda

12/20/2018 10:00:51 AM

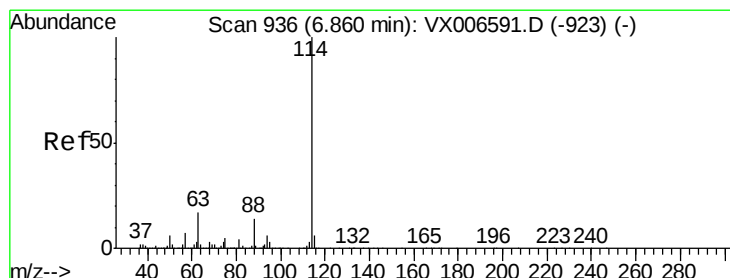


Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006659.D

Acq: 20 Dec 2018 01:11

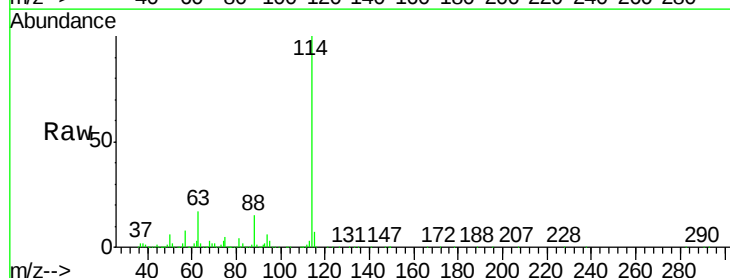
Tgt Ion: 114 Resp: 887271

Ion Ratio Lower Upper

114 100

63 17.3 0.0 34.8

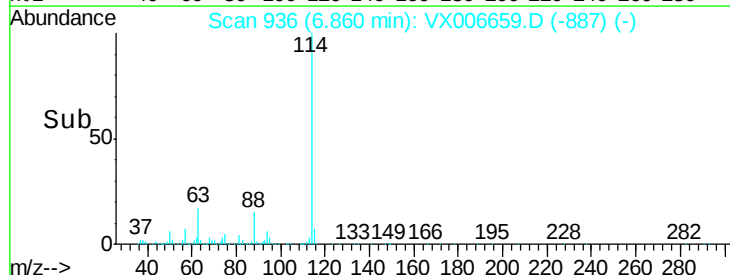
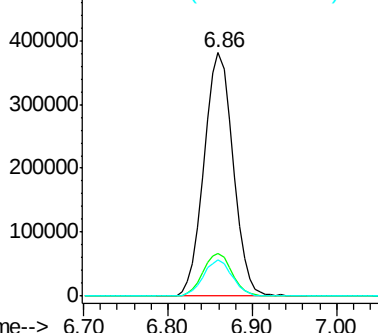
88 14.8 0.0 28.8



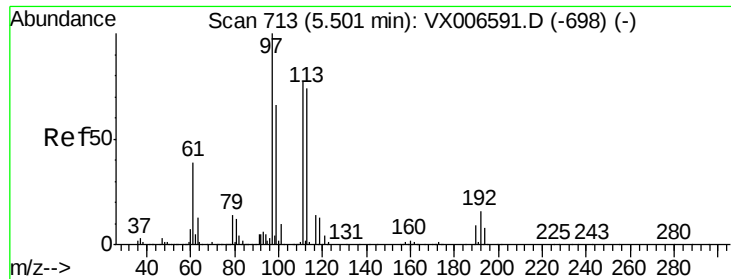
Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



Time-->



#35

Dibromofluoromethane

Concen: 51.787 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006659.D

Acq: 20 Dec 2018 01:11

Instrument :

MSVOA_X

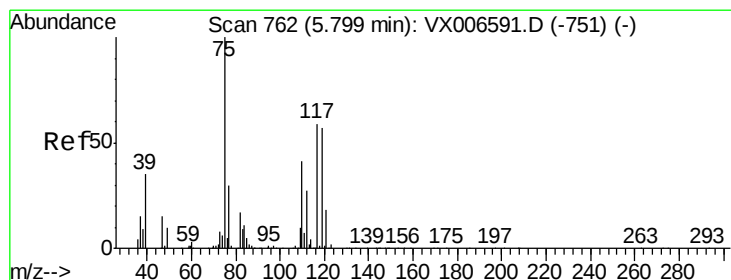
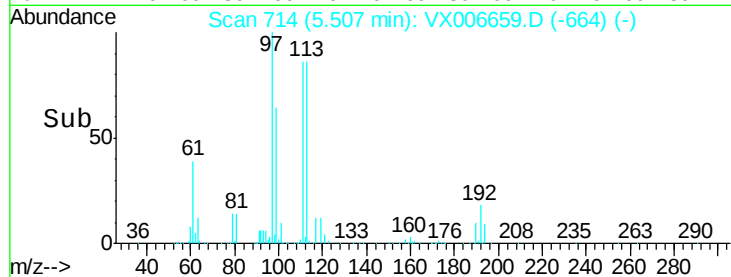
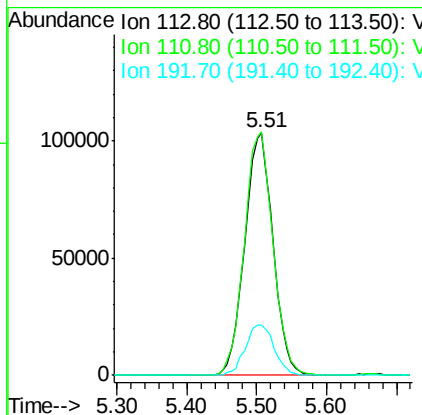
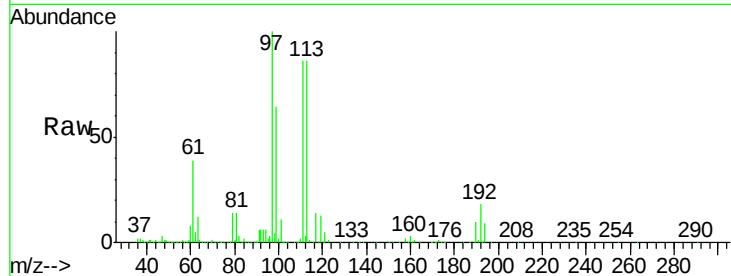
ClientSampleId :

966-MW-04(23)MSD

Tot Ion:	113	Resp:	290575
Ion Ratio	Lower	Upper	
113	100		
111	101.7	81.6	122.4
192	21.2	16.7	25.1

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 49.243 ug/l

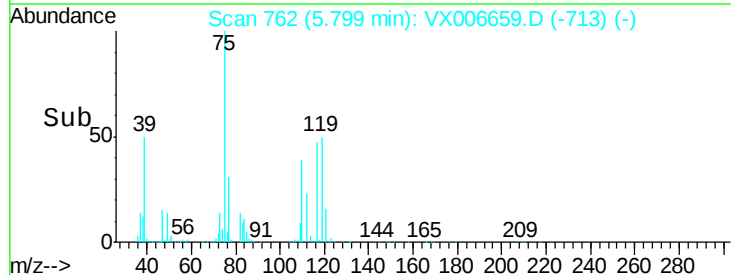
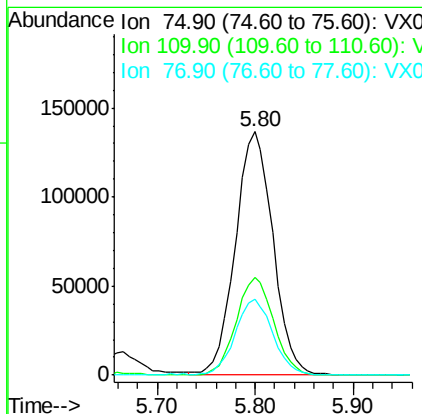
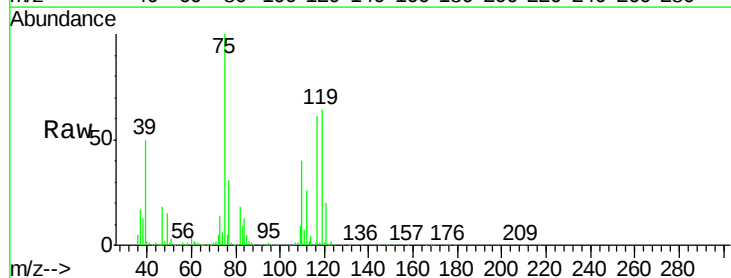
RT: 5.80 min Scan# 762

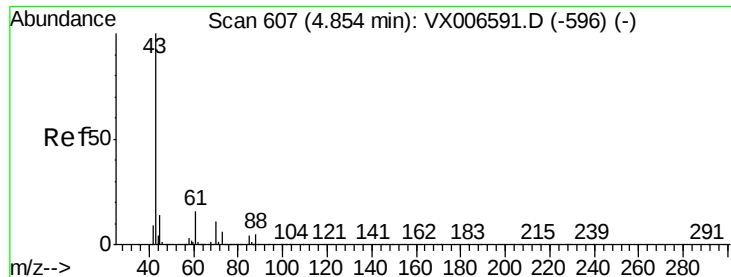
Delta R.T. -0.00 min

Lab File: VX006659.D

Acq: 20 Dec 2018 01:11

Tgt Ion:	75	Resp:	361871
Ion Ratio	Lower	Upper	
75	100		
110	40.1	20.2	60.5
77	31.2	24.8	37.2





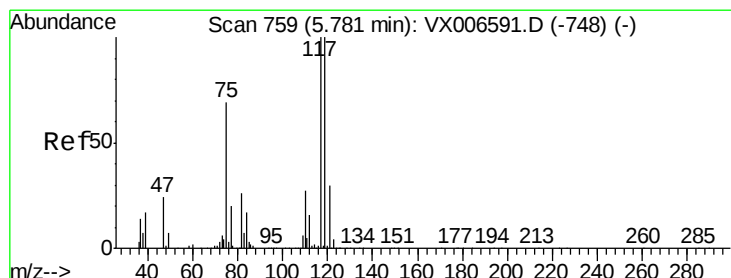
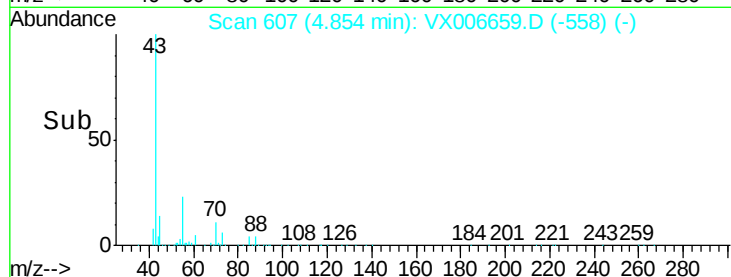
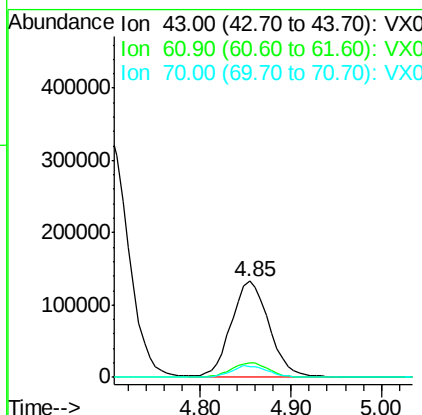
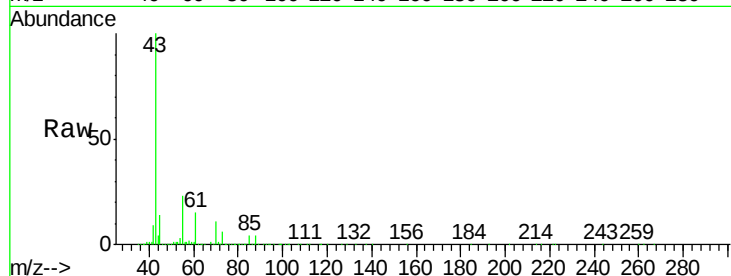
#37
Ethyl Acetate
Concen: 50.287 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX006659.D
Acq: 20 Dec 2018 01:11

Instrument :
MSVOA_X
ClientSampleId :
966-MW-04(23)MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.6	11.9	17.9
70	11.6	9.7	14.5

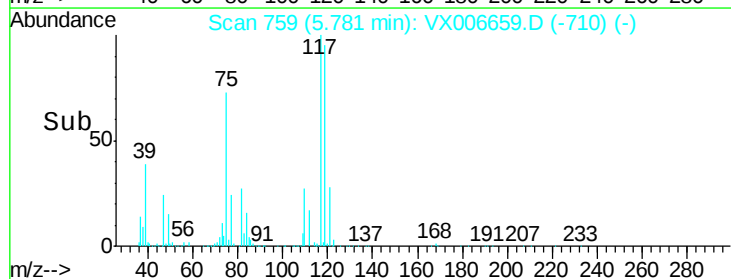
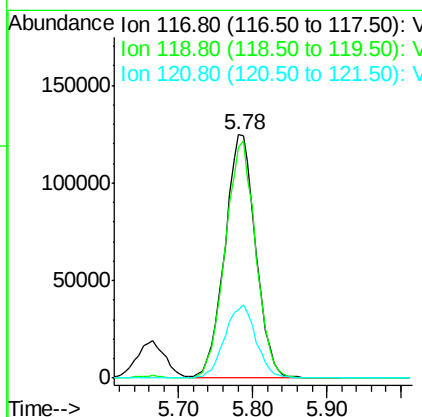
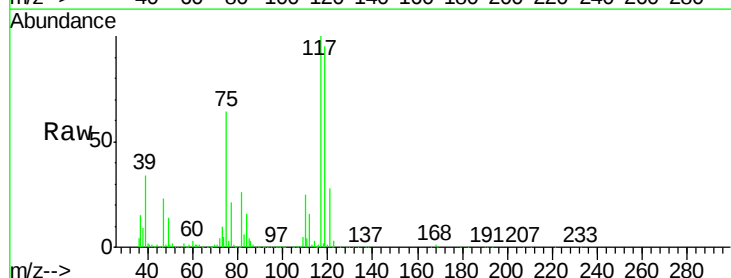
Manual Integrations
APPROVED

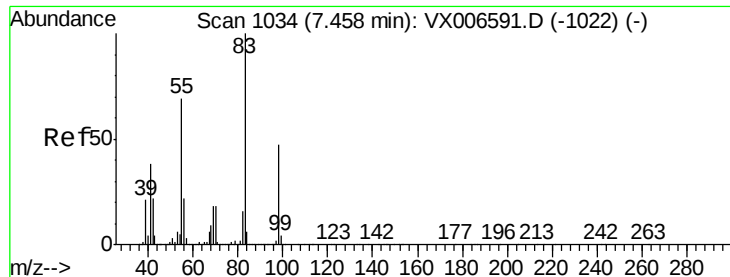
MMDadoda
12/20/2018 10:00:51 AM



#38
Carbon Tetrachloride
Concen: 50.618 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX006659.D
Acq: 20 Dec 2018 01:11

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.5	79.4	119.2
121	28.0	24.0	36.0





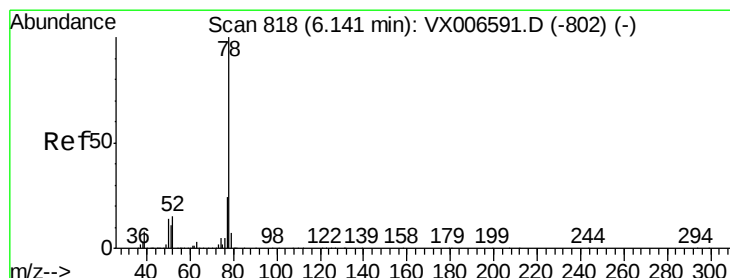
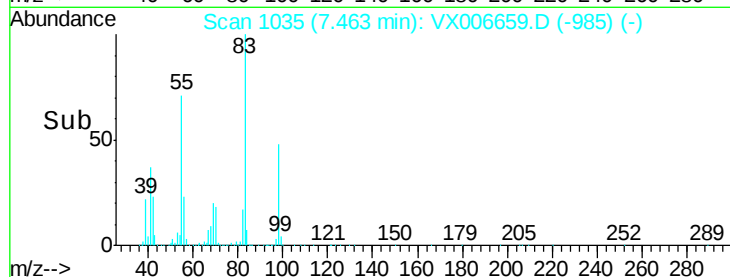
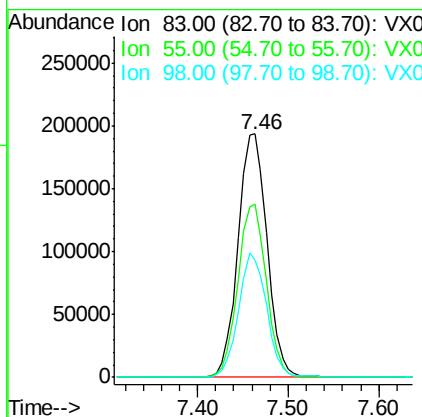
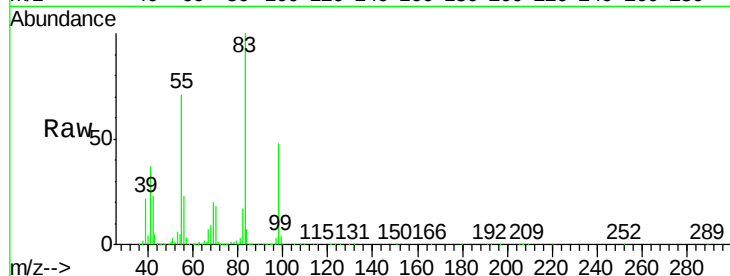
#39
Methvlcvclohexane
Concen: 44.435 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX006659.D
Acq: 20 Dec 2018 01:11

Instrument :
MSVOA_X
ClientSampleId :
966-MW-04(23)MSD

Tot Ion	Ratio	Lower	Upper
83	100		
55	71.0	54.9	82.3
98	48.0	37.9	56.9

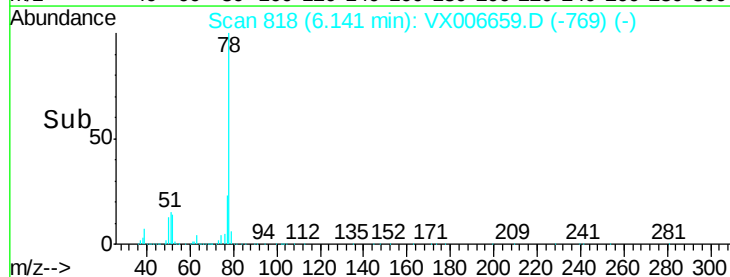
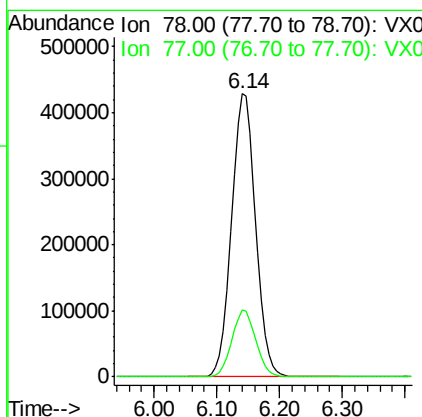
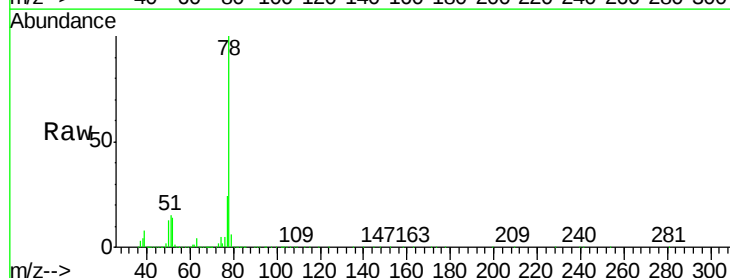
Manual Integrations
APPROVED

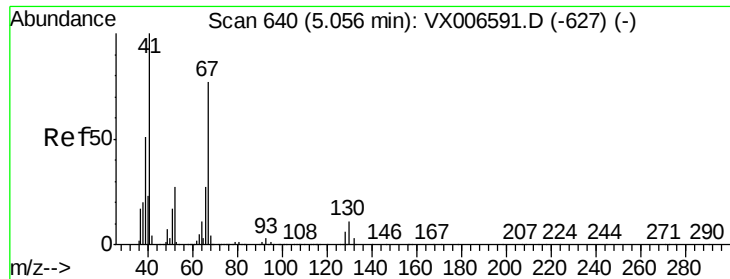
MMDadoda
12/20/2018 10:00:51 AM



#40
Benzene
Concen: 50.774 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX006659.D
Acq: 20 Dec 2018 01:11

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.2	28.8





#41

Methacrylonitrile

Concen: 53.657 ug/l

RT: 5.06 min Scan# 641

Delta R.T. 0.01 min

Lab File: VX006659.D

Acq: 20 Dec 2018 01:11

Instrument :

MSVOA_X

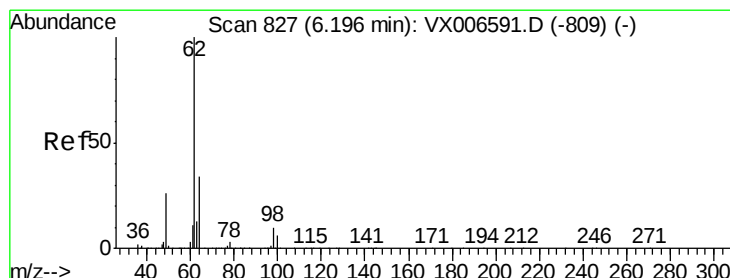
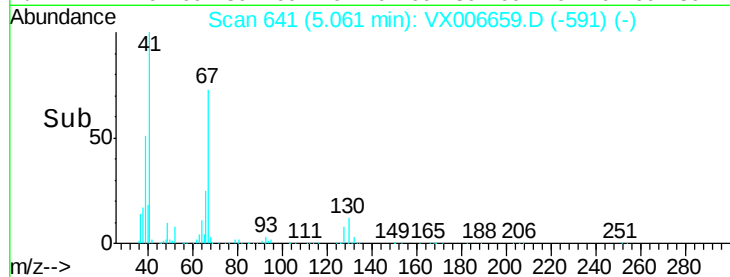
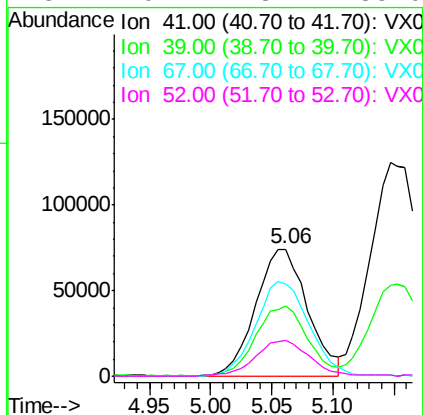
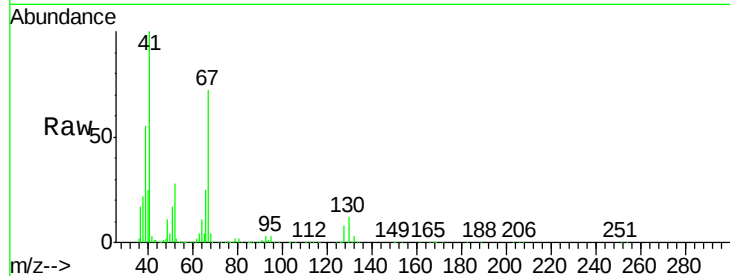
ClientSampleId :

966-MW-04(23)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		217891		
39	55.6	42.8	64.2		
67	76.9	62.1	93.1		
52	29.2	23.4	35.0		

Manual Integrations
APPROVED

MMDadoda
12/20/2018 10:00:51 AM



#42

1,2-Dichloroethane

Concen: 49.573 ug/l

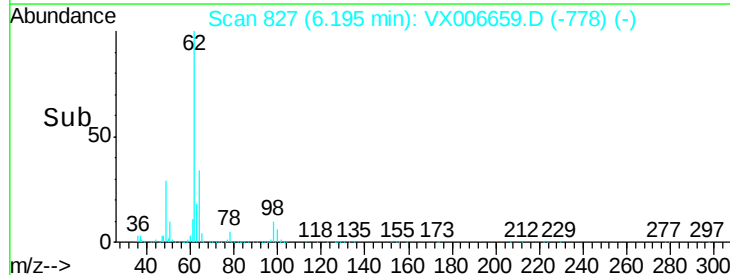
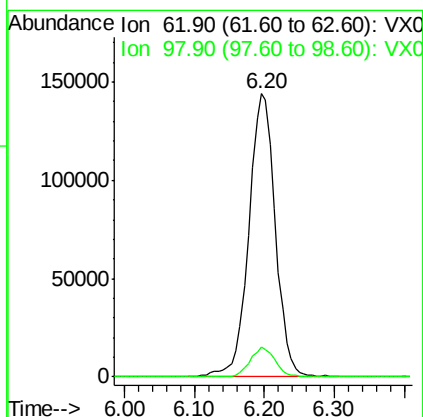
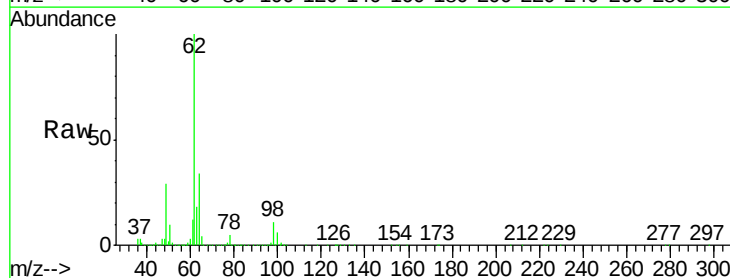
RT: 6.20 min Scan# 827

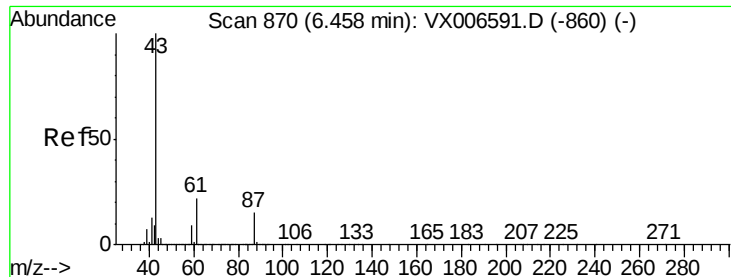
Delta R.T. -0.00 min

Lab File: VX006659.D

Acq: 20 Dec 2018 01:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		377332		
98	10.1	0.0	20.2		





#43

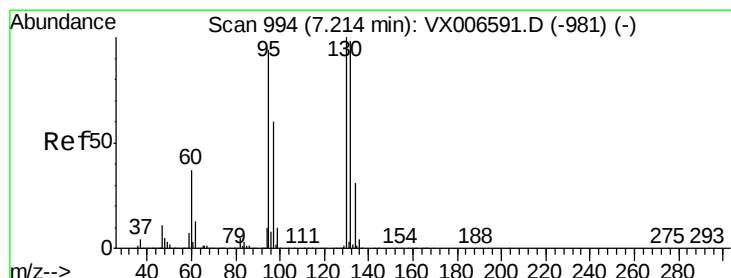
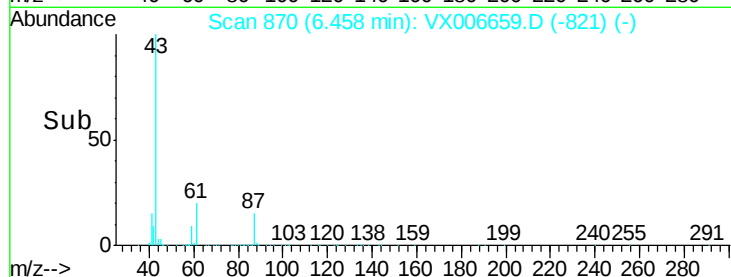
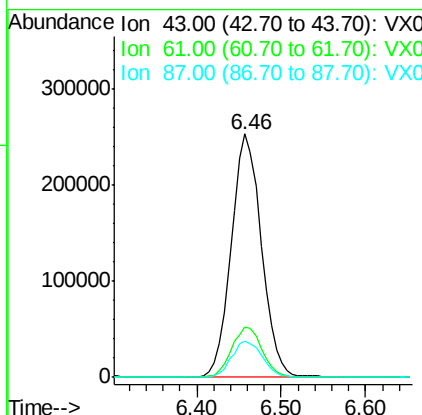
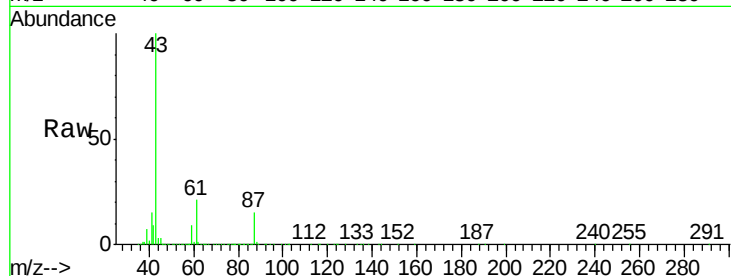
Isopropyl Acetate
 Concen: 52.542 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.00 min
 Lab File: VX006659.D
 Acq: 20 Dec 2018 01:11

Instrument :
 MSVOA_X
 ClientSampleId :
 966-MW-04(23)MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.9	16.8	25.2
87	15.3	12.4	18.6

Manual Integrations
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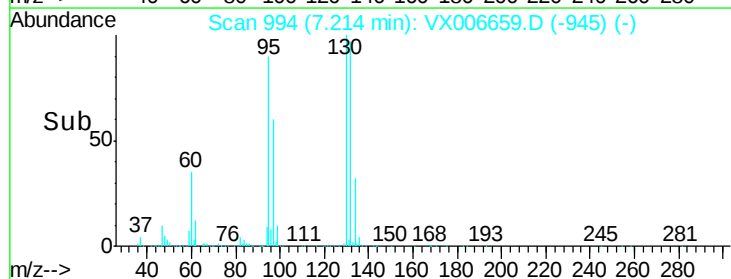
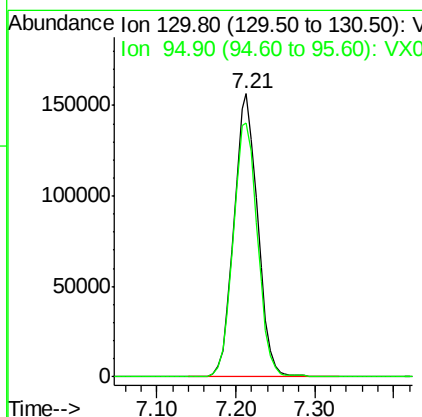
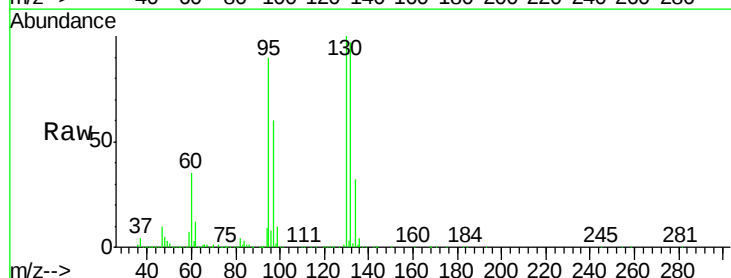
MMDadoda
 12/20/2018 10:00:51 AM

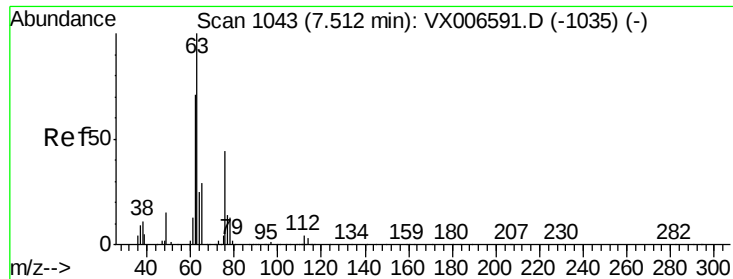


#44

Trichloroethene
 Concen: 48.537 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX006659.D
 Acq: 20 Dec 2018 01:11

Tgt Ion	Ratio	Lower	Upper
130	100		
95	89.6	0.0	187.0





#45

1,2-Dichloropropane

Concen: 50.932 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX006659.D

Acq: 20 Dec 2018 01:11

Instrument :

MSVOA_X

ClientSampleId :

966-MW-04(23)MSD

Tot Ion: 63 Resp: 276858

Ion Ratio Lower Upper

63 100

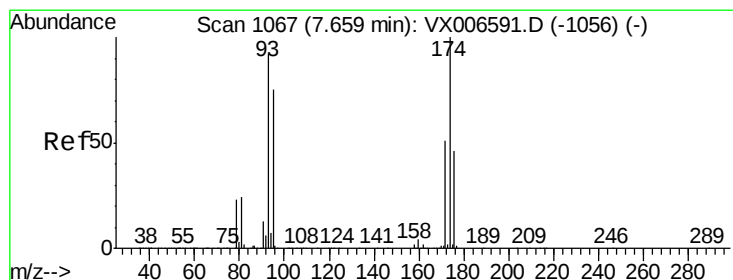
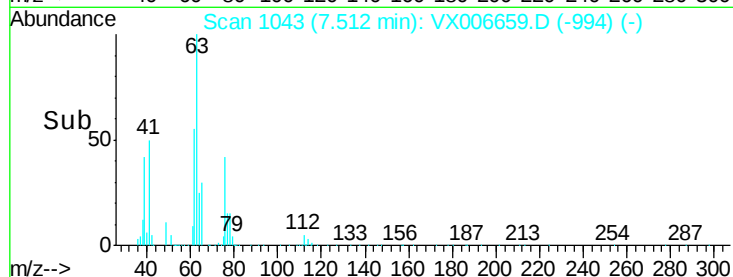
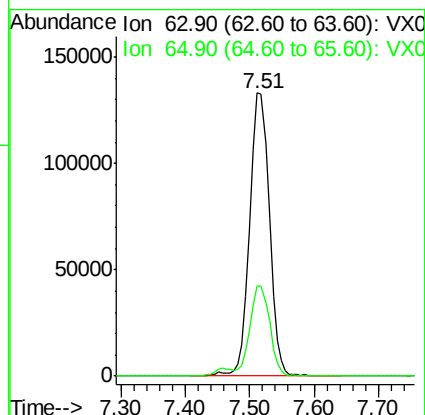
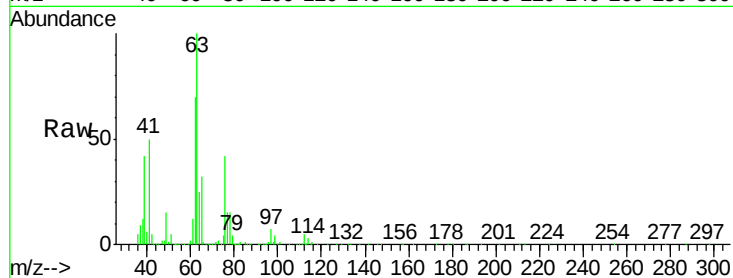
65 31.8 25.4 38.0

Manual Integrations

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12/20/2018 10:00:51 AM



#46

Dibromomethane

Concen: 50.535 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX006659.D

Acq: 20 Dec 2018 01:11

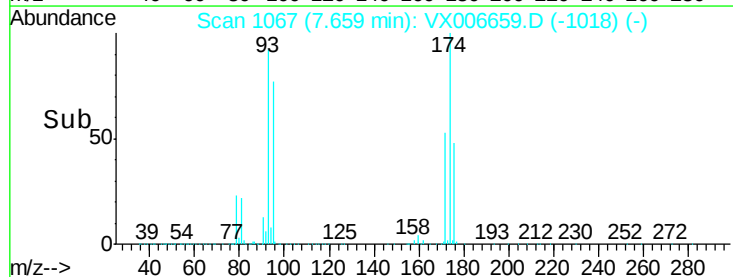
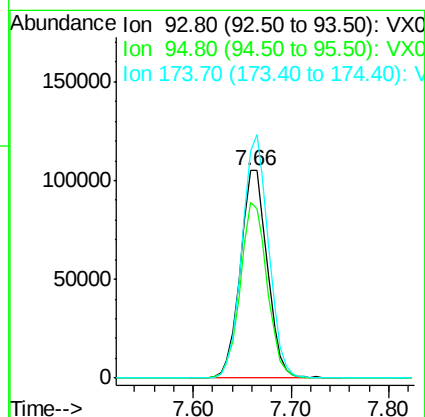
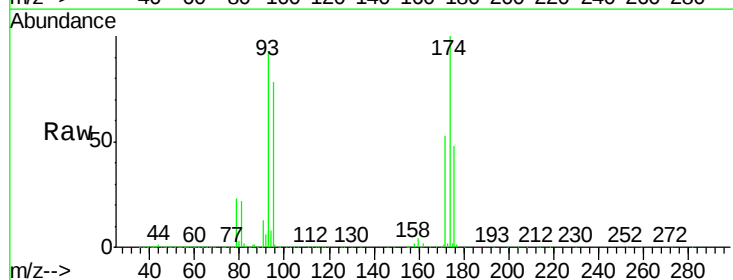
Tgt Ion: 93 Resp: 202054

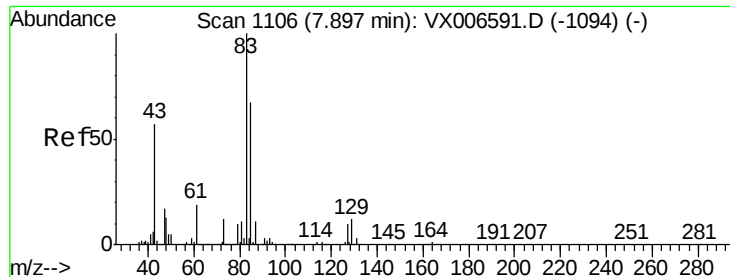
Ion Ratio Lower Upper

93 100

95 84.0 66.2 99.4

174 114.3 91.0 136.4





#47

Bromodichloromethane

Concen: 51.571 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX006659.D

Acq: 20 Dec 2018 01:11

Instrument :

MSVOA_X

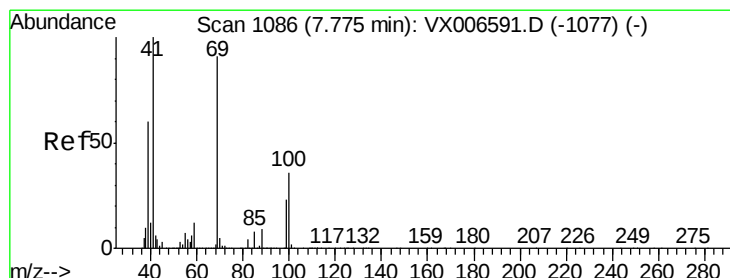
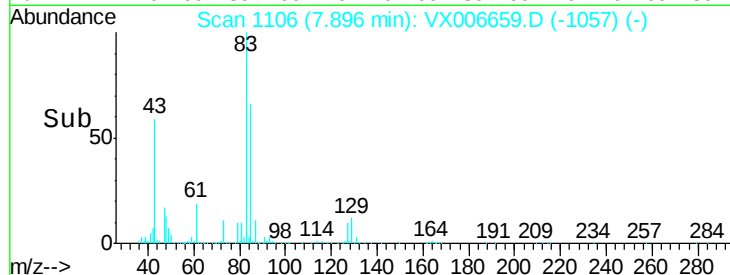
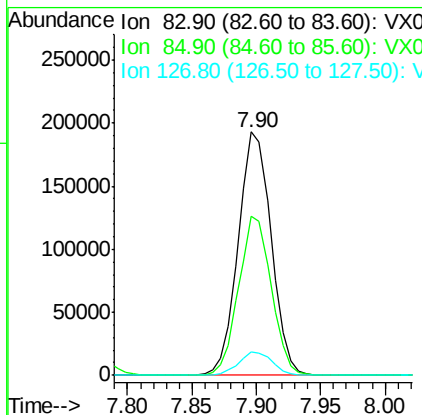
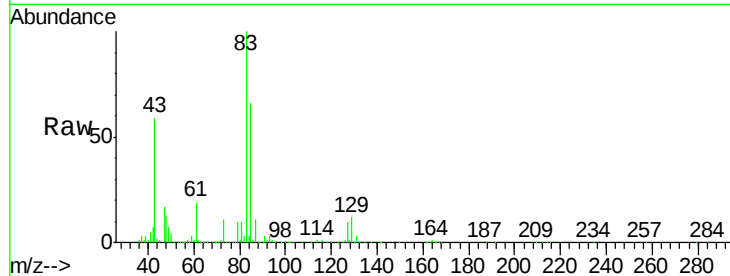
ClientSampleId :

966-MW-04(23)MSD

Tot Ion:	83	Resp:	342335
Ion Ratio	Lower	Upper	
83	100		
85	65.5	53.2	79.8
127	9.7	7.8	11.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 54.008 ug/l

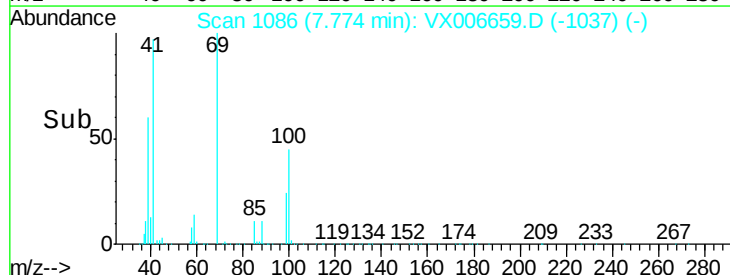
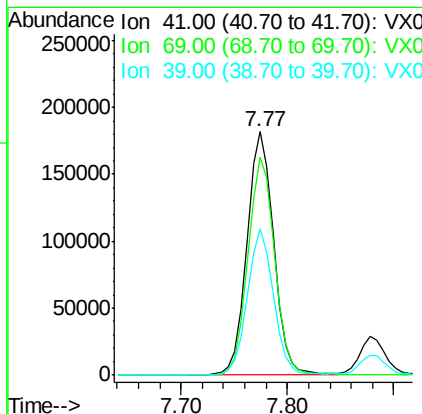
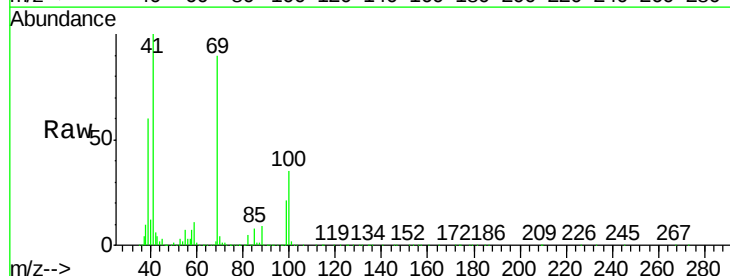
RT: 7.77 min Scan# 1086

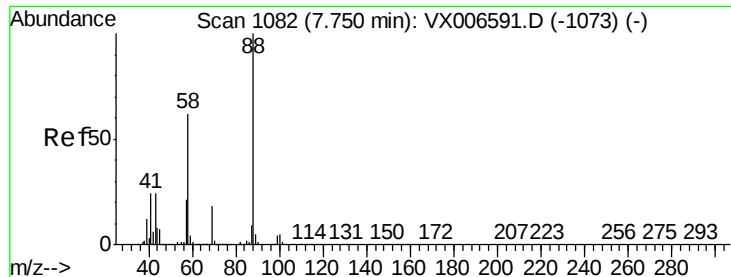
Delta R.T. -0.00 min

Lab File: VX006659.D

Acq: 20 Dec 2018 01:11

Tgt Ion:	41	Resp:	319627
Ion Ratio	Lower	Upper	
41	100		
69	89.9	72.4	108.6
39	58.8	45.8	68.8





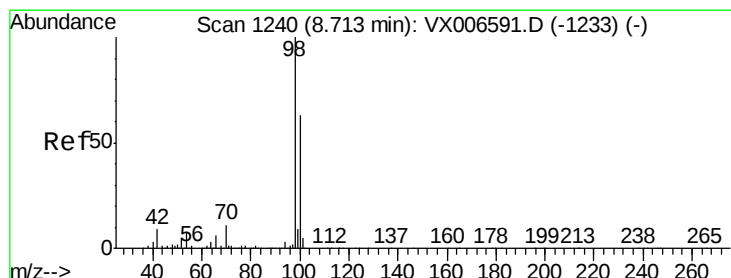
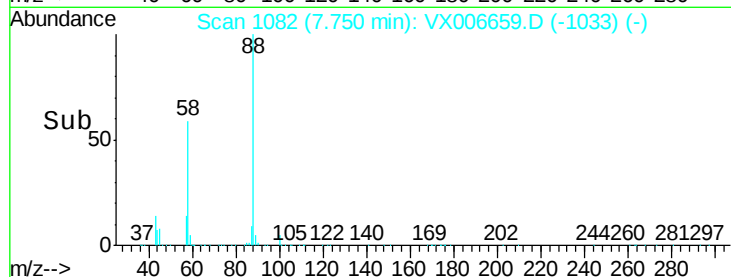
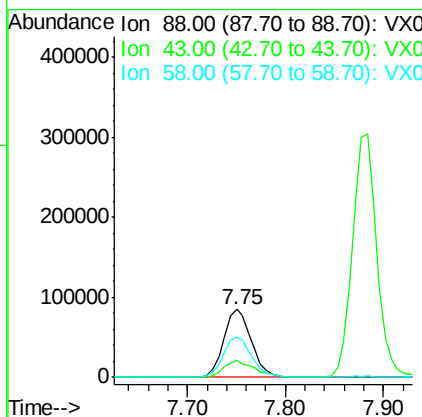
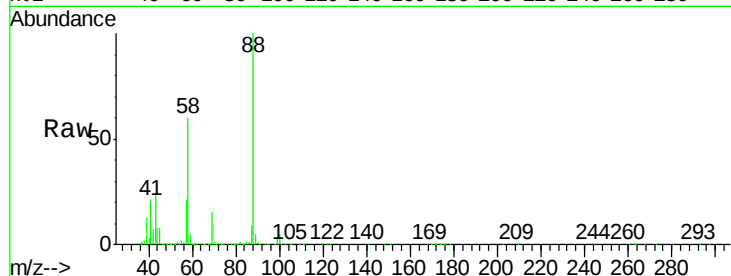
#49
1,4-Dioxane
Concen: 1070.239 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX006659.D
Acq: 20 Dec 2018 01:11

Instrument :
MSVOA_X
ClientSampleId :
966-MW-04(23)MSD

Tot Ion	Ratio	Lower	Upper
88	100		
43	27.1	22.2	33.4
58	62.4	51.0	76.4

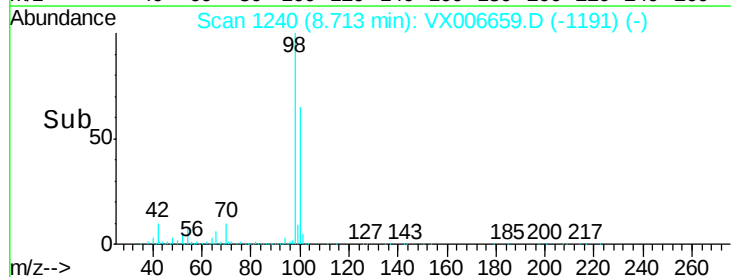
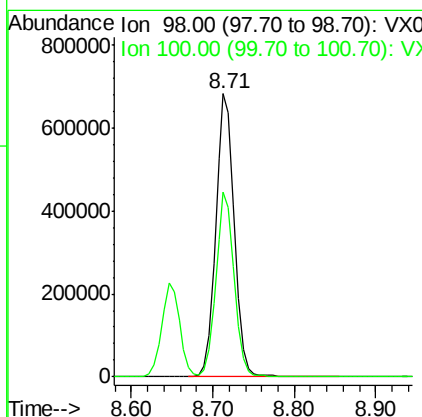
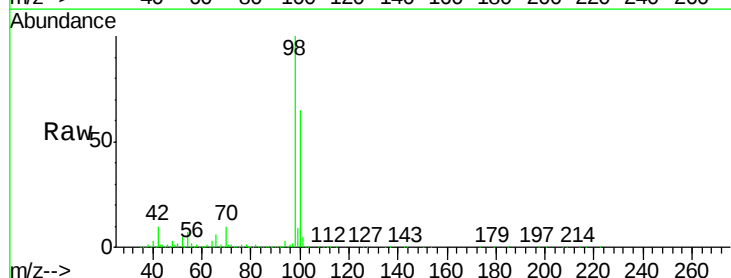
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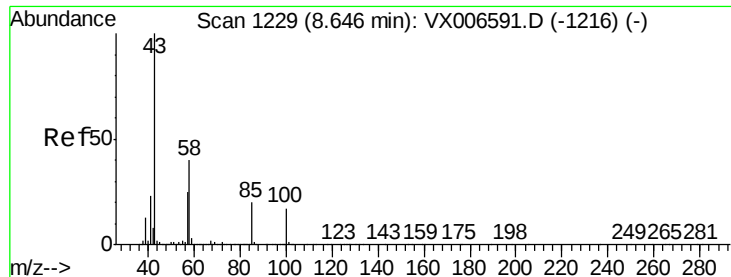
MMDadoda
12/20/2018 10:00:51 AM



#50
Toluene-d8
Concen: 51.263 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006659.D
Acq: 20 Dec 2018 01:11

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.0	78.0





#51

4-Methyl-2-Pentanone

Concen: 271.613 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX006659.D

Acq: 20 Dec 2018 01:11

Instrument :

MSVOA_X

ClientSampleId :

966-MW-04(23)MSD

Tot Ion: 43 Resp: 2011221

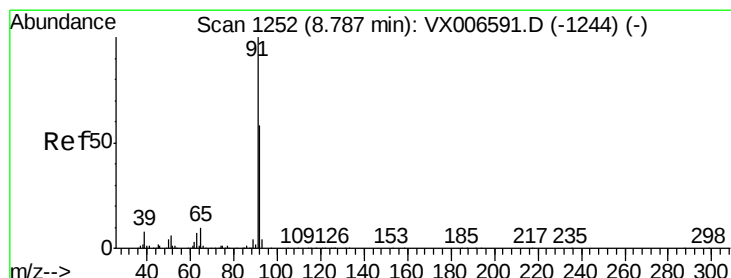
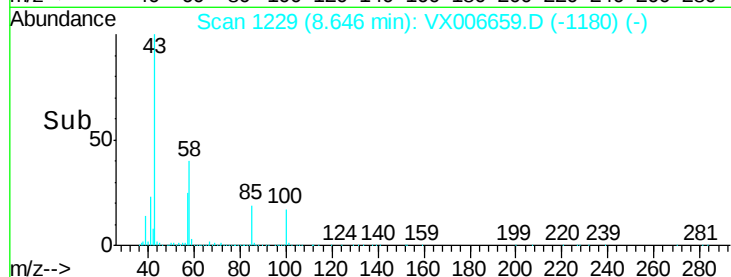
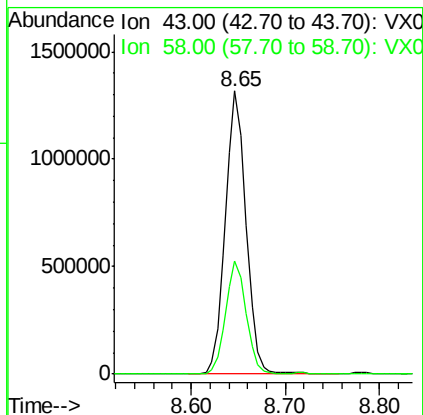
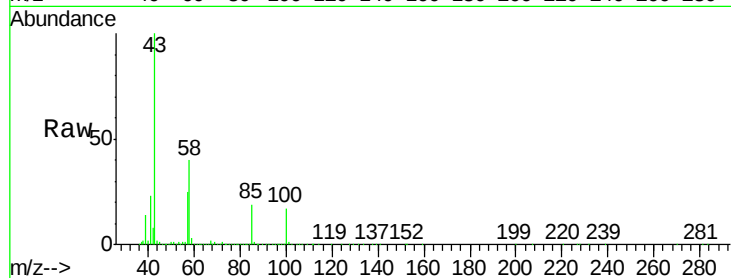
Ion Ratio Lower Upper

43 100

58 39.5 31.8 47.6

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#52

Toluene

Concen: 51.188 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX006659.D

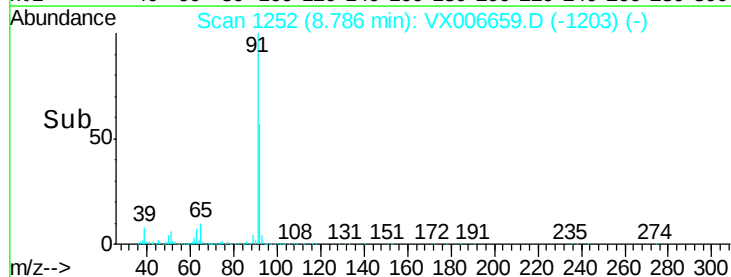
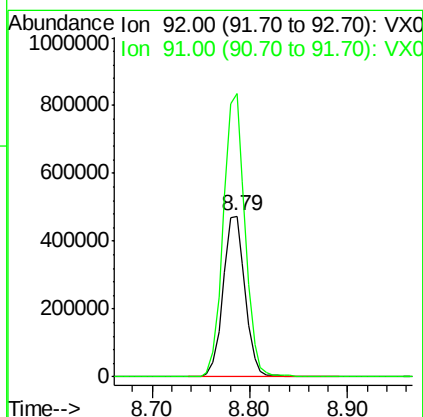
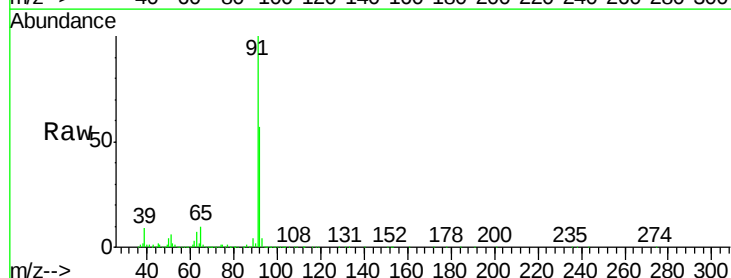
Acq: 20 Dec 2018 01:11

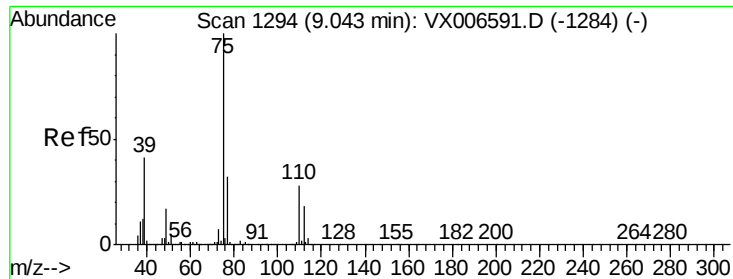
Tgt Ion: 92 Resp: 738691

Ion Ratio Lower Upper

92 100

91 174.1 137.6 206.4





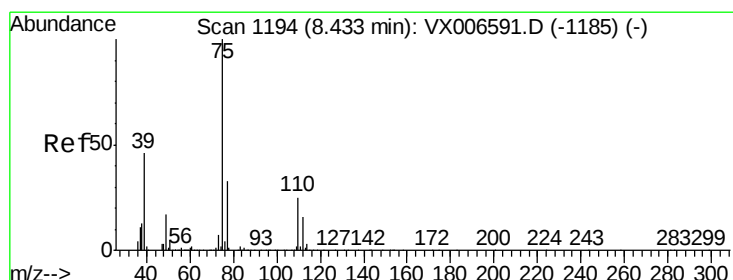
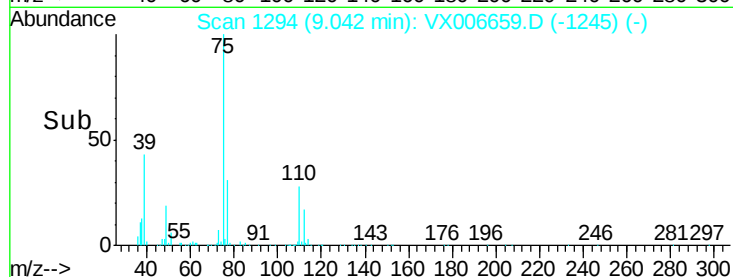
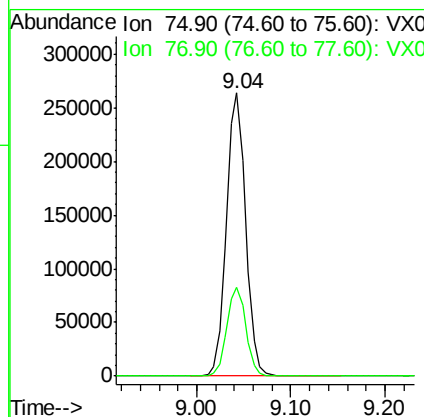
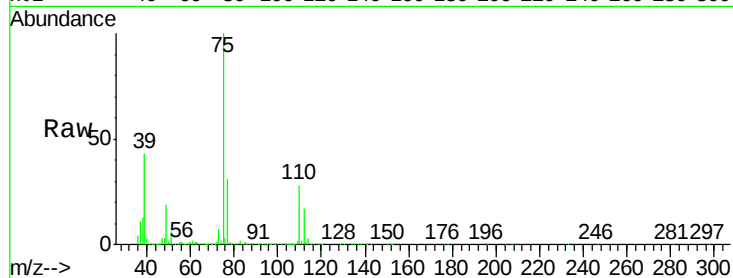
#53
t-1,3-Dichloropropene
Concen: 52.306 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX006659.D
Acq: 20 Dec 2018 01:11

Instrument :
MSVOA_X
ClientSampleId :
966-MW-04(23)MSD

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.4	38.0

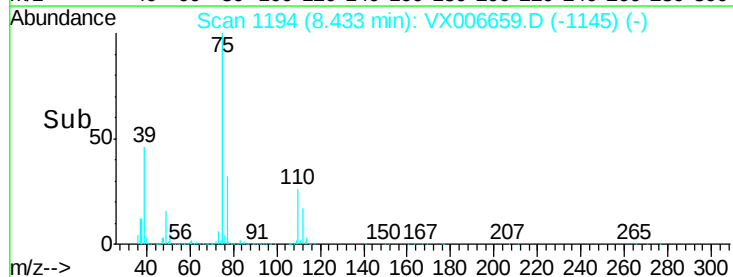
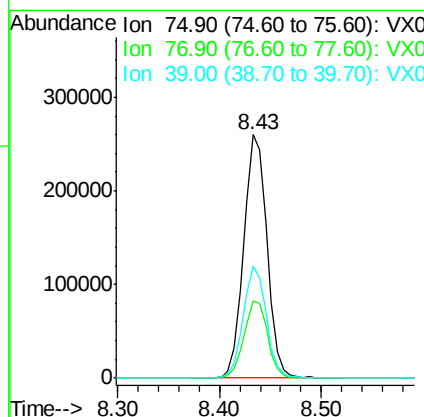
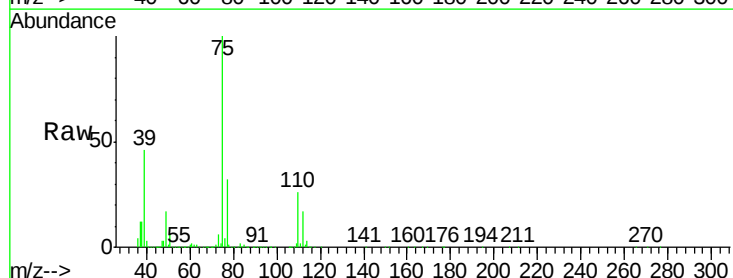
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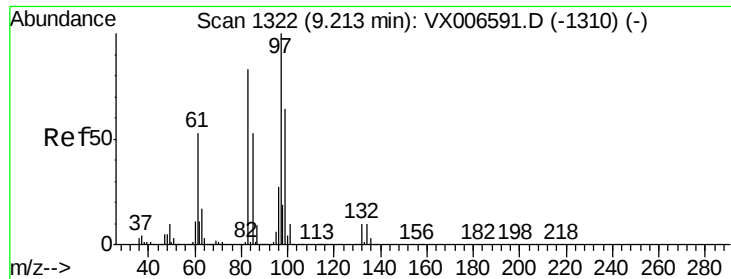
MMDadoda
12/20/2018 10:00:51 AM



#54
cis-1,3-Dichloropropene
Concen: 52.406 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX006659.D
Acq: 20 Dec 2018 01:11

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.5	26.2	39.2
39	45.6	36.7	55.1





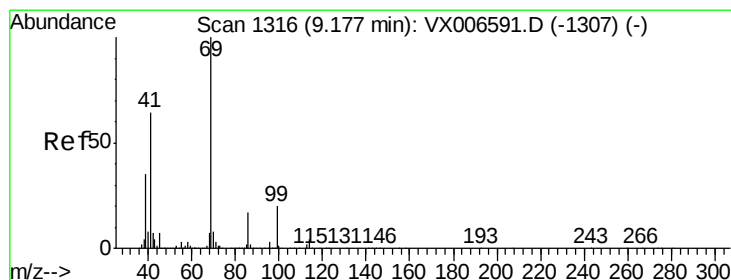
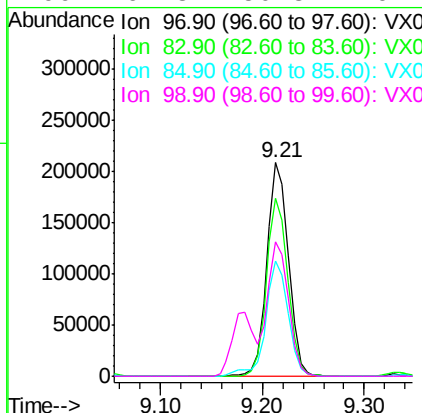
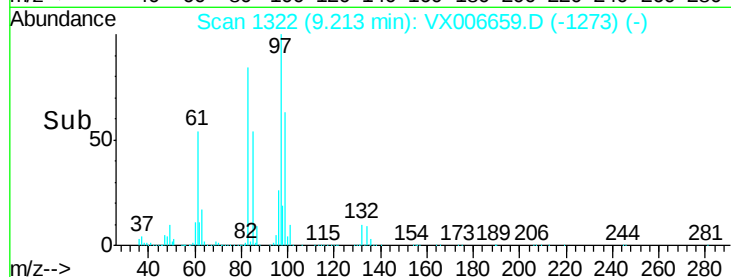
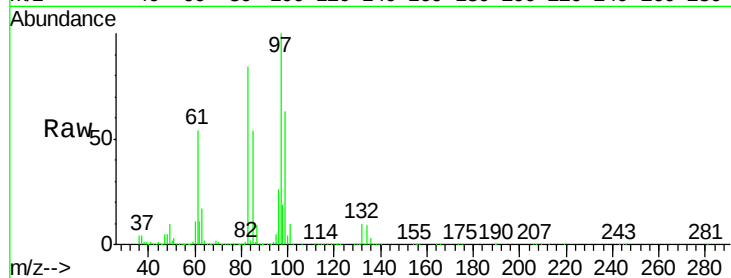
#55
 1,1,2-Trichloroethane
 Concen: 51.610 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX006659.D
 Acq: 20 Dec 2018 01:11

Instrument :
 MSVOA_X
 ClientSampleId :
 966-MW-04(23)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		304853		
83	83.5	66.6	99.8		
85	53.8	42.7	64.1		
99	62.8	50.8	76.2		

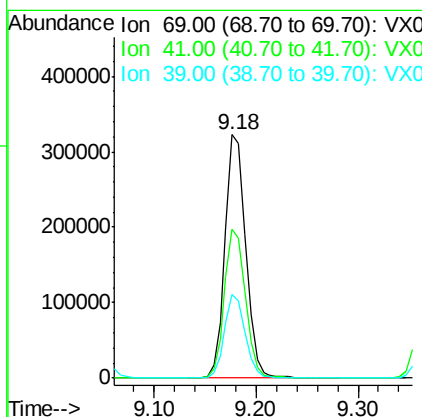
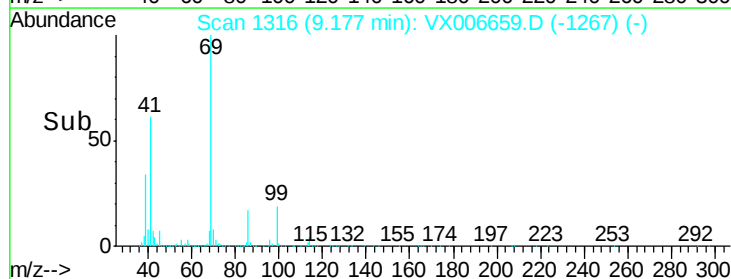
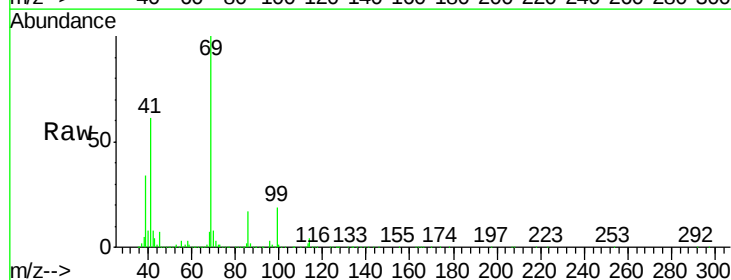
Manual Integrations
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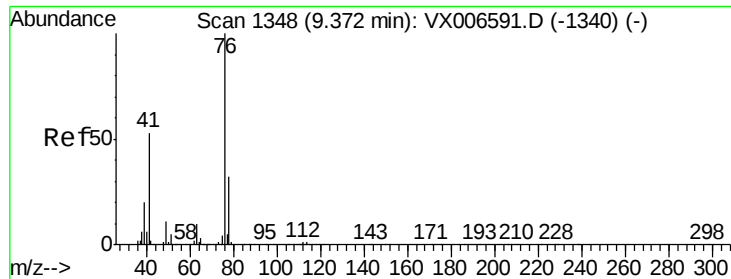
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 12/20/2018 10:00:51 AM



#56
 Ethyl methacrylate
 Concen: 54.871 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX006659.D
 Acq: 20 Dec 2018 01:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		458092		
41	61.9	48.7	73.1		
39	33.9	27.0	40.6		





#57

1,3-Dichloropropane

Concen: 51.033 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX006659.D

Acq: 20 Dec 2018 01:11

Instrument :

MSVOA_X

ClientSampleId :

966-MW-04(23)MSD

Tot Ion: 76 Resp: 484991

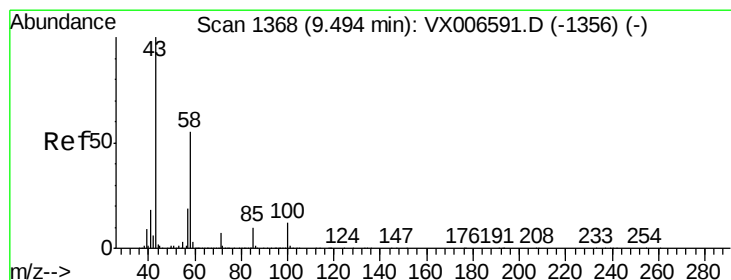
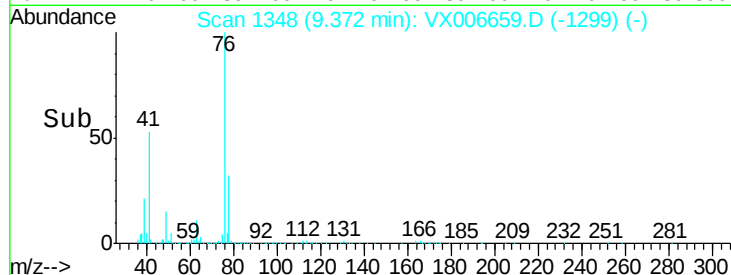
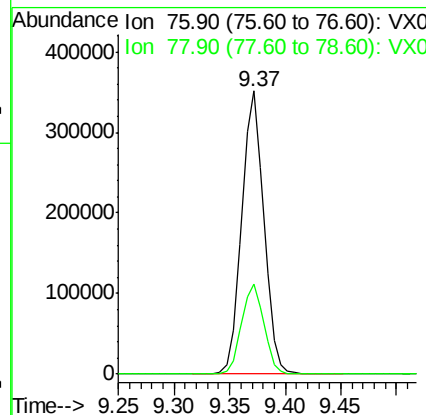
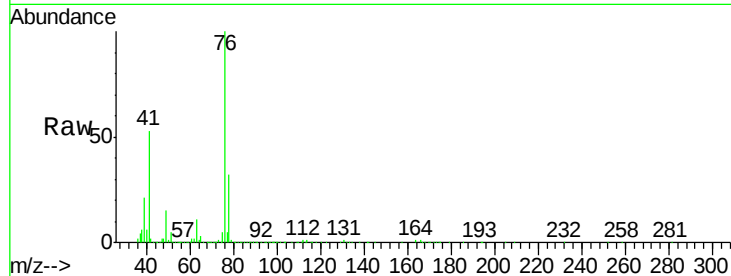
Ion Ratio Lower Upper

76 100

78 32.0 26.0 39.0

Manual Integrations
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12/20/2018 10:00:51 AM



#59

2-Hexanone

Concen: 267.885 ug/l

RT: 9.49 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VX006659.D

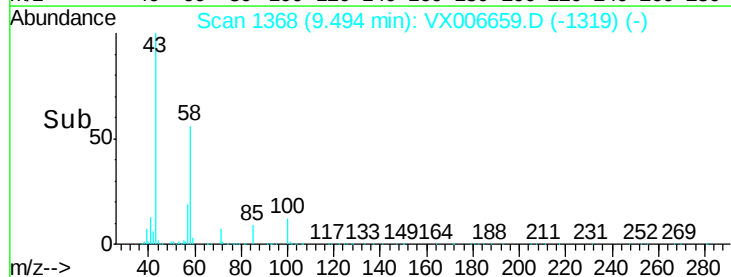
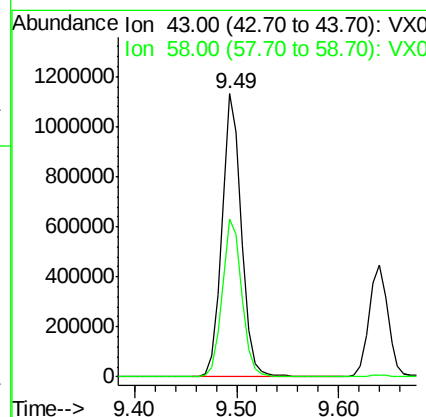
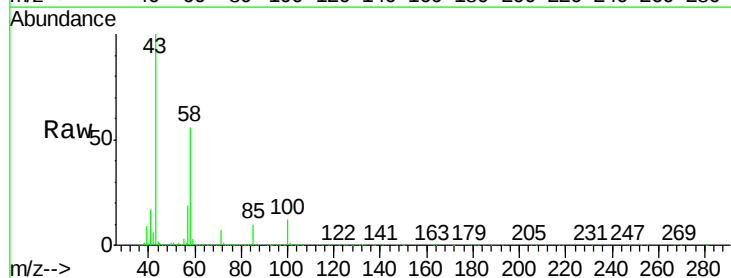
Acq: 20 Dec 2018 01:11

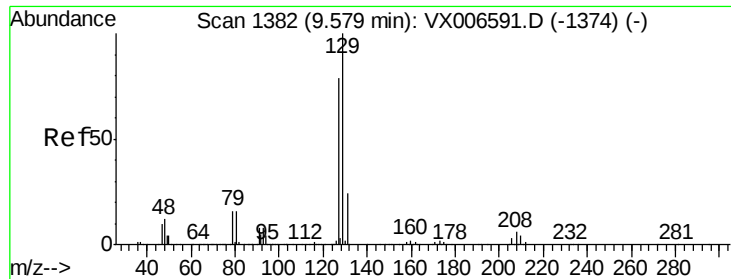
Tgt Ion: 43 Resp: 1517696

Ion Ratio Lower Upper

43 100

58 56.4 27.7 83.1





#60

Dibromochloromethane

Concen: 48.785 ug/l

RT: 9.59 min Scan# 1383

Delta R.T. 0.01 min

Lab File: VX006659.D

Acq: 20 Dec 2018 01:11

Instrument :

MSVOA_X

ClientSampleId :

966-MW-04(23)MSD

Tot Ion:129 Resp: 301021

Ion Ratio Lower Upper

129 100

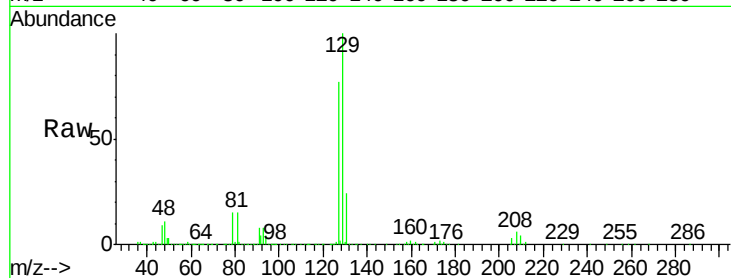
127 76.5 39.3 117.8

Manual Integrations

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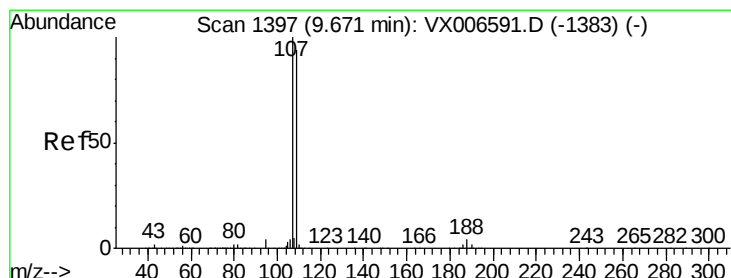
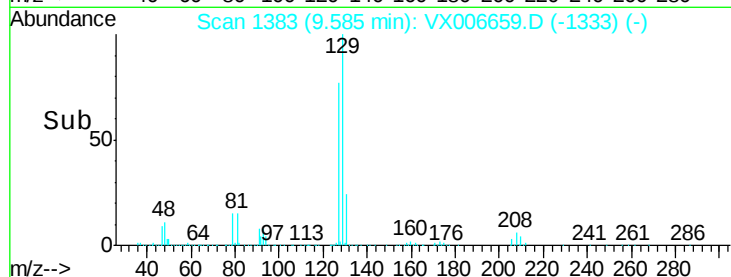
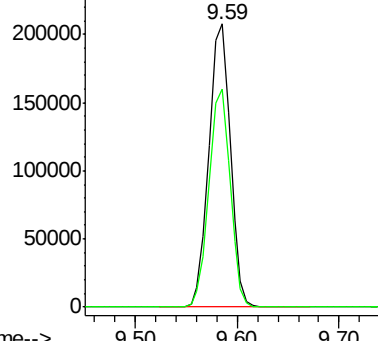
MMDadoda

12/20/2018 10:00:51 AM



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 52.251 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX006659.D

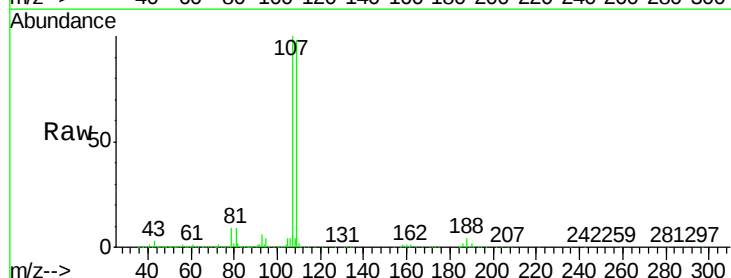
Acq: 20 Dec 2018 01:11

Tgt Ion:107 Resp: 328094

Ion Ratio Lower Upper

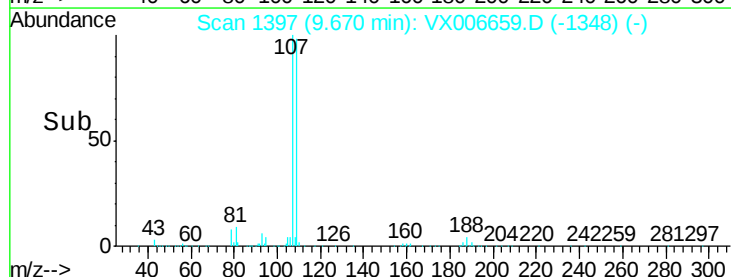
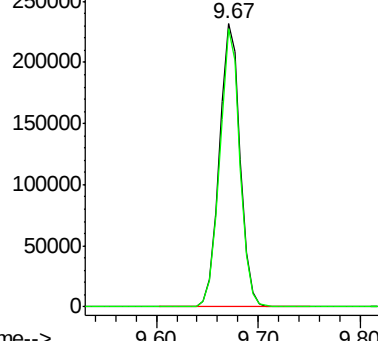
107 100

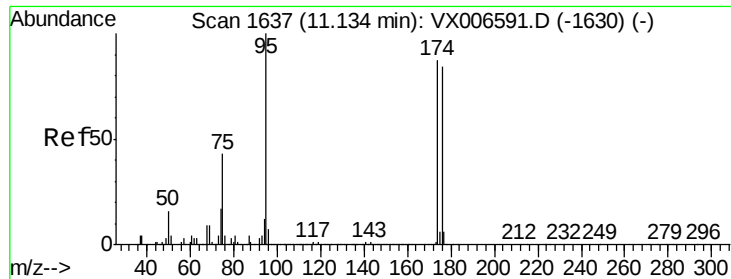
109 95.4 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 52.632 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX006659.D

Acq: 20 Dec 2018 01:11

Instrument :

MSVOA_X

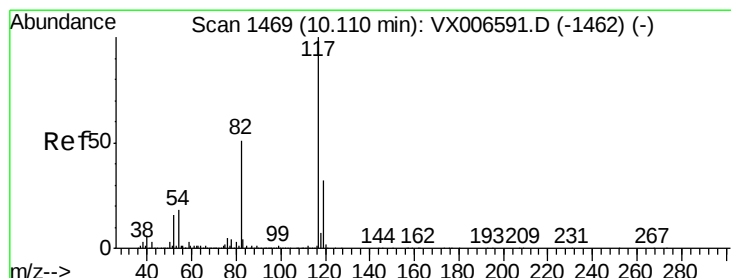
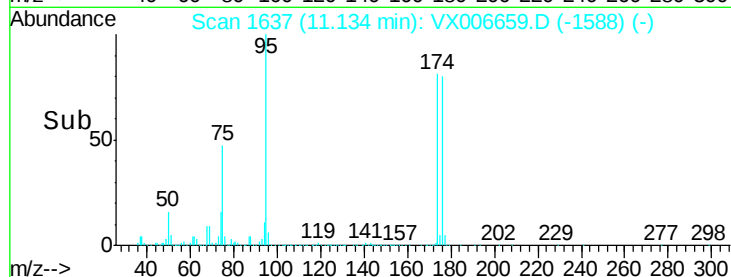
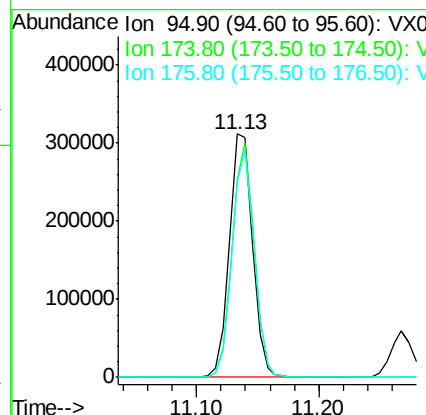
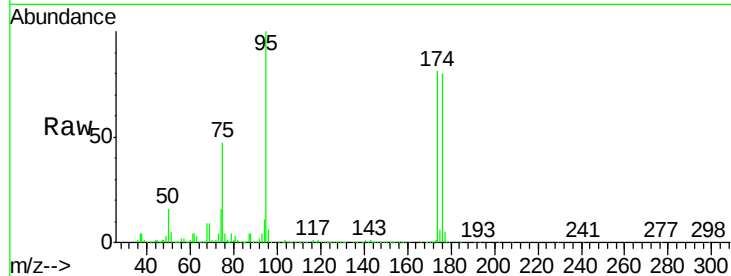
ClientSampleId :

966-MW-04(23)MSD

Tot Ion:	95	Resp:	407754
Ion Ratio	Lower	Upper	
95	100		
174	91.9	0.0	182.2
176	88.5	0.0	178.8

Manual Integrations
APPROVED

MMDadoda
12/20/2018 10:00:51 AM



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

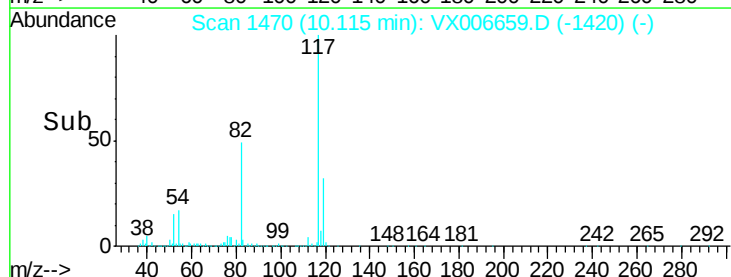
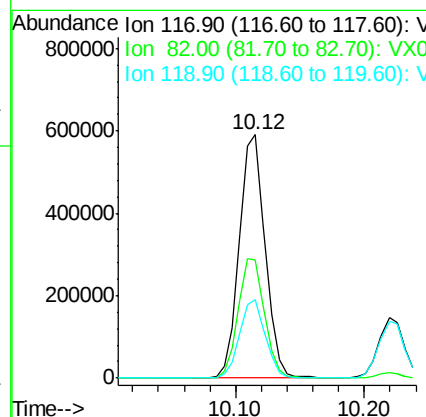
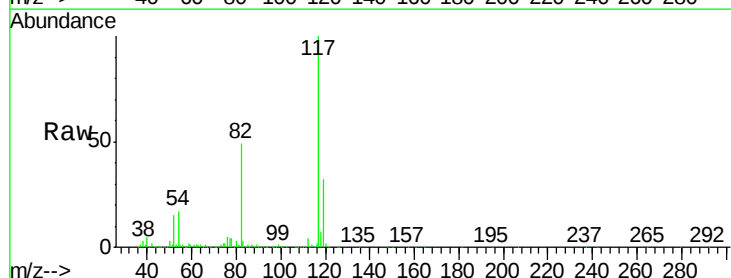
RT: 10.12 min Scan# 1470

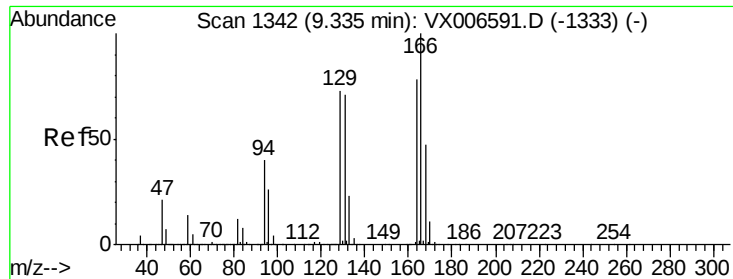
Delta R.T. 0.01 min

Lab File: VX006659.D

Acq: 20 Dec 2018 01:11

Tgt Ion:	117	Resp:	826660
Ion Ratio	Lower	Upper	
117	100		
82	48.7	41.0	61.6
119	32.2	25.4	38.0





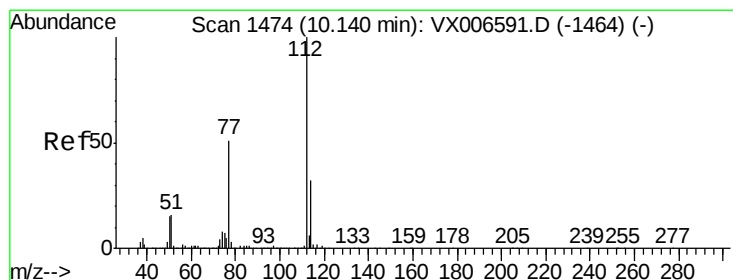
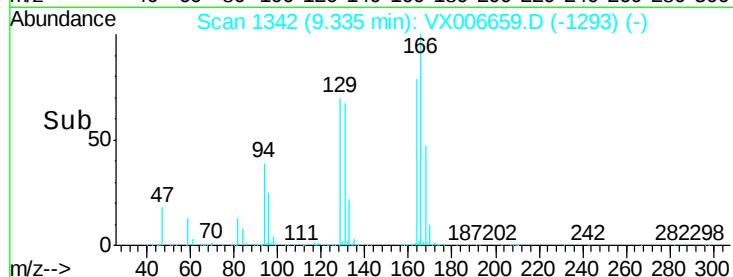
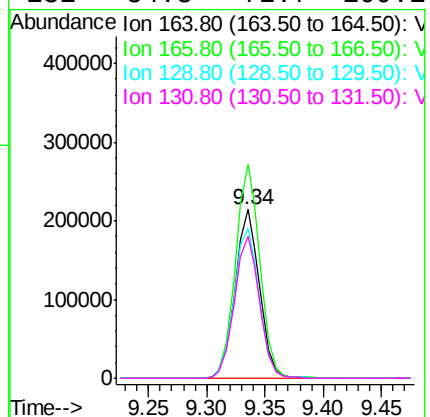
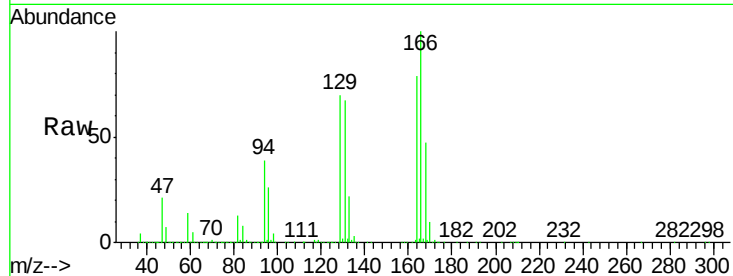
#64
Tetrachloroethene
Concen: 47.701 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX006659.D
Acq: 20 Dec 2018 01:11

Instrument :
MSVOA_X
ClientSampleId :
966-MW-04(23)MSD

Tot Ion	Ratio	Lower	Upper
164	100		
166	126.6	102.5	153.7
129	88.6	75.1	112.7
131	84.3	72.7	109.1

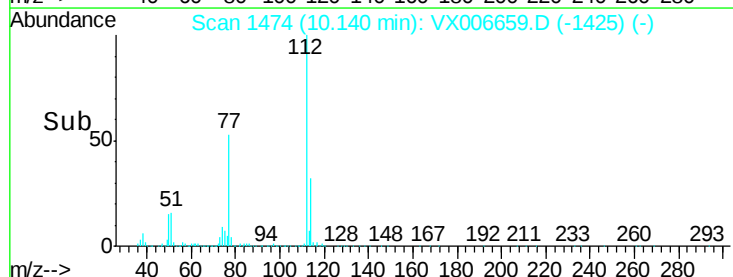
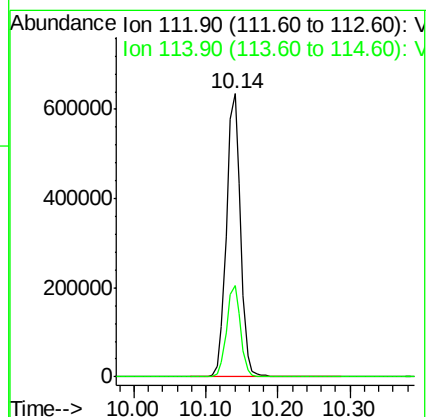
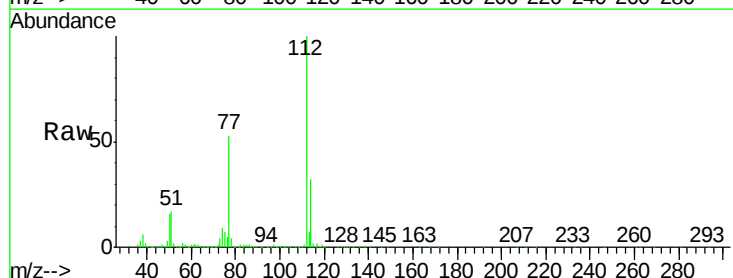
Manual Integrations
APPROVED

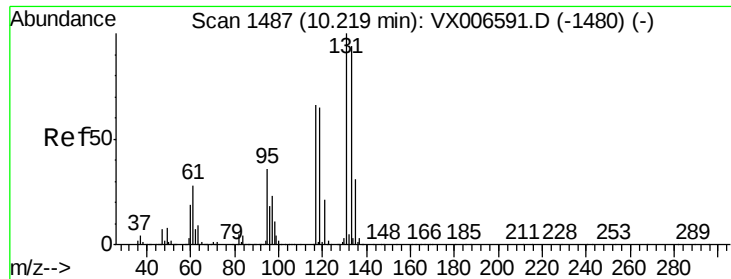
MMDadoda
12/20/2018 10:00:51 AM



#65
Chlorobenzene
Concen: 49.553 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX006659.D
Acq: 20 Dec 2018 01:11

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.5	25.7	38.5





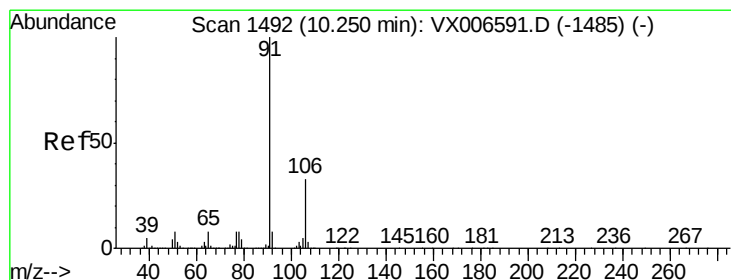
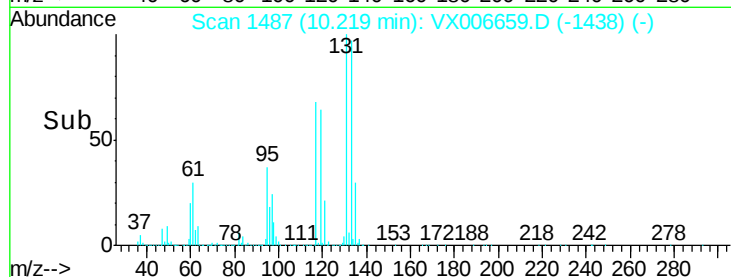
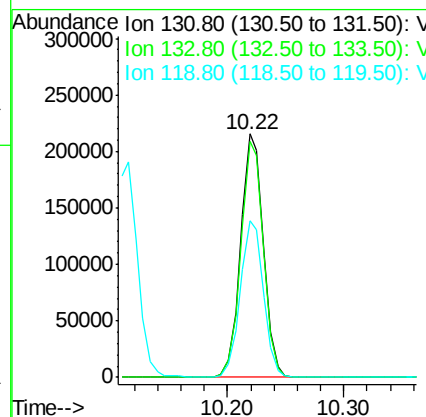
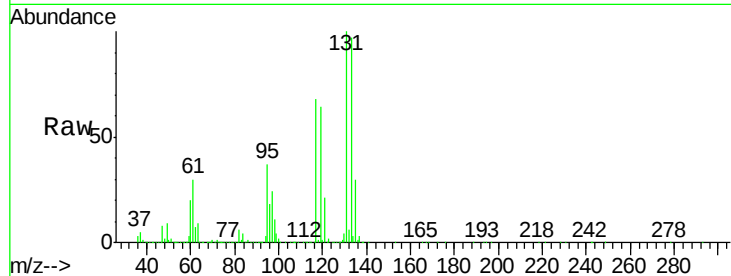
#66
 1,1,1,2-Tetrachloroethane
 Concen: 53.533 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VX006659.D
 Acq: 20 Dec 2018 01:11

Instrument :
 MSVOA_X
 ClientSampleId :
 966-MW-04(23)MSD

Tot Ion	Ratio	Lower	Upper
131	100		
133	96.3	48.0	144.2
119	65.5	32.6	97.8

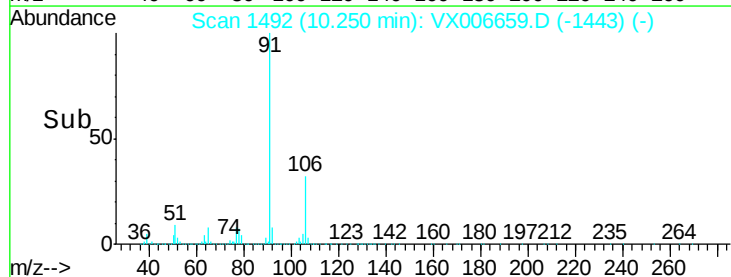
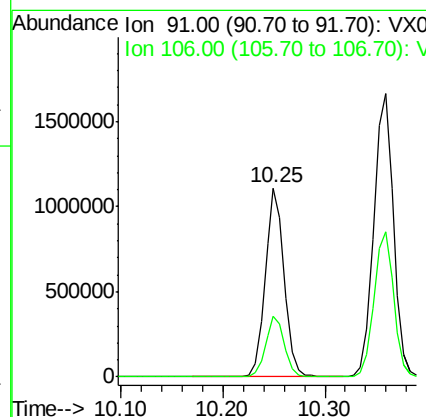
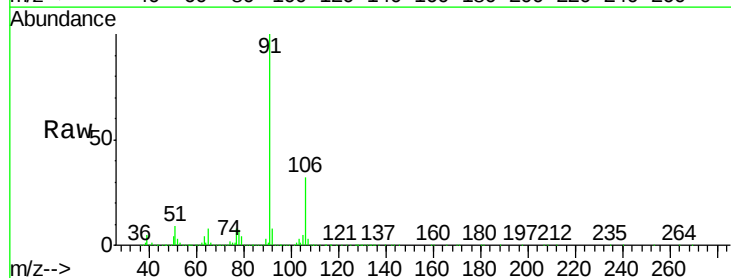
Manual Integrations
 APPROVED

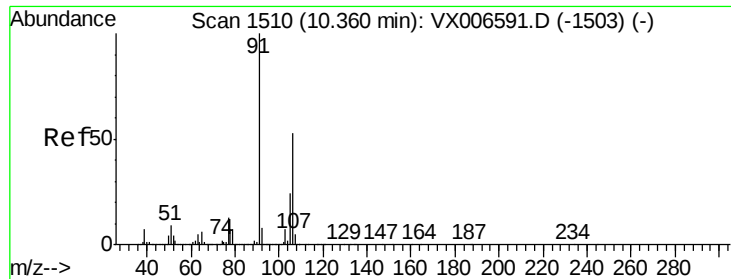
MMDadoda
 12/20/2018 10:00:51 AM



#67
 Ethyl Benzene
 Concen: 50.240 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: VX006659.D
 Acq: 20 Dec 2018 01:11

Tgt Ion	Ratio	Lower	Upper
91	100		
106	32.2	26.4	39.6





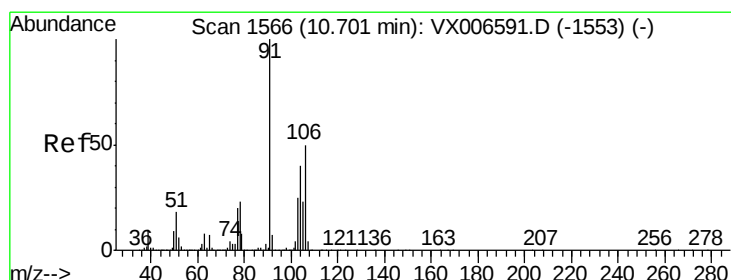
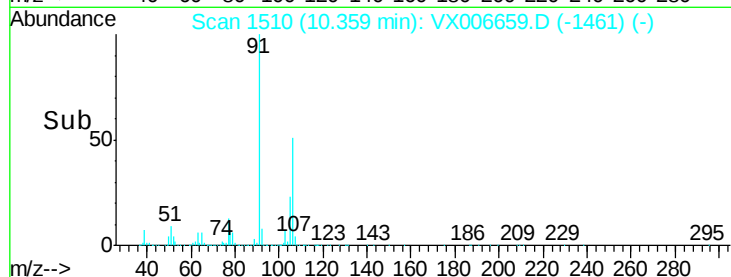
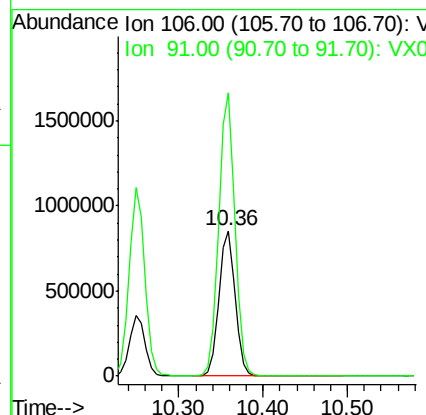
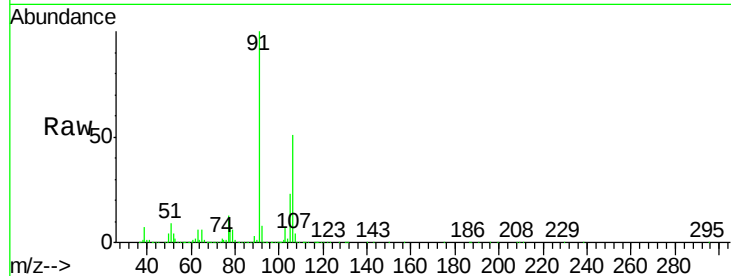
#68
m/p-Xvlenes
Concen: 101.258 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX006659.D
Acq: 20 Dec 2018 01:11

Instrument :
MSVOA_X
ClientSampleId :
966-MW-04(23)MSD

Tot Ion:106 Resp: 1141855
Ion Ratio Lower Upper
106 100
91 194.8 155.8 233.6

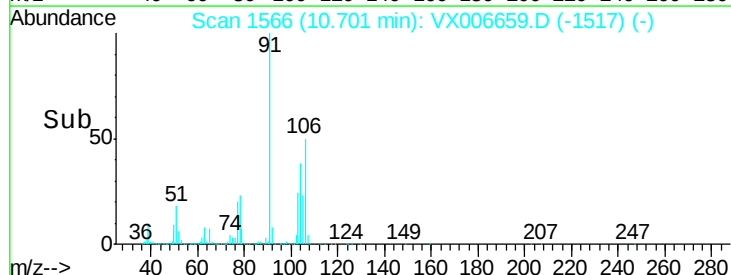
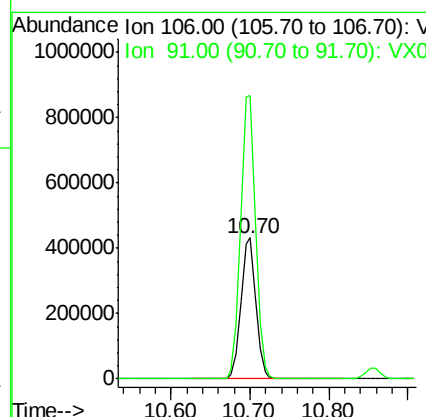
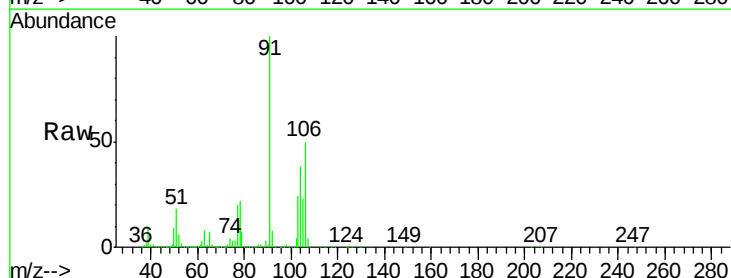
Manual Integrations
APPROVED

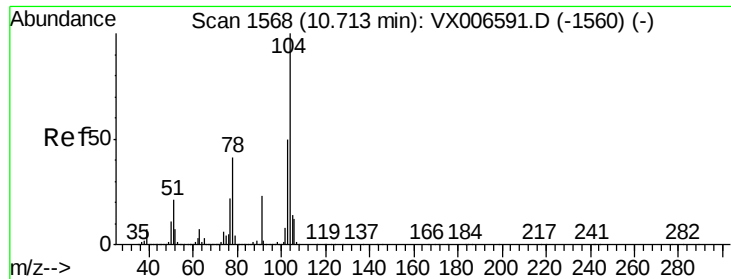
MMDadoda
12/20/2018 10:00:51 AM



#69
o-Xylene
Concen: 51.263 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX006659.D
Acq: 20 Dec 2018 01:11

Tgt Ion:106 Resp: 570842
Ion Ratio Lower Upper
106 100
91 203.1 101.3 303.7





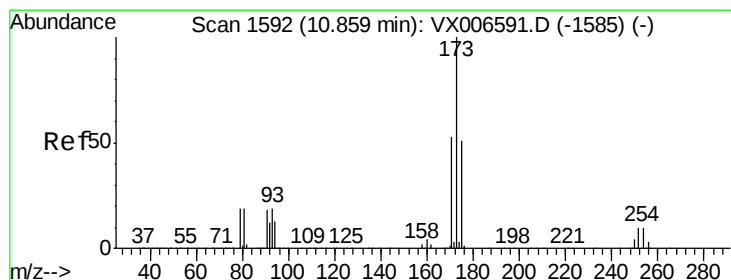
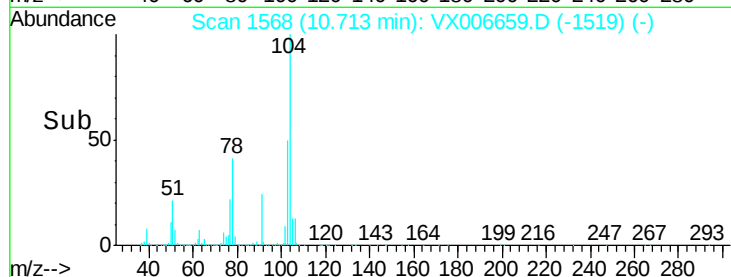
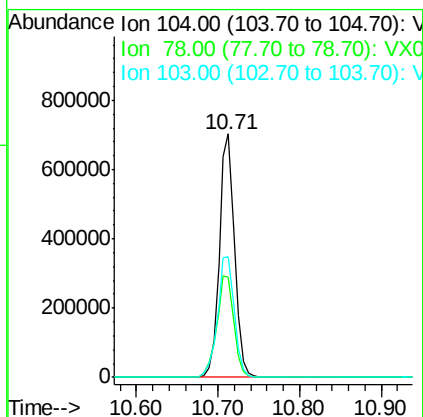
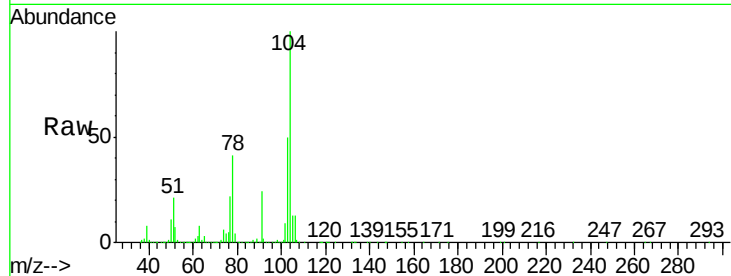
#70
Stvrene
Concen: 52.267 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX006659.D
Acq: 20 Dec 2018 01:11

Instrument :
MSVOA_X
ClientSampleId :
966-MW-04(23)MSD

Tot Ion	Ratio	Lower	Upper
104	100		
78	47.5	37.7	56.5
103	55.5	43.8	65.8

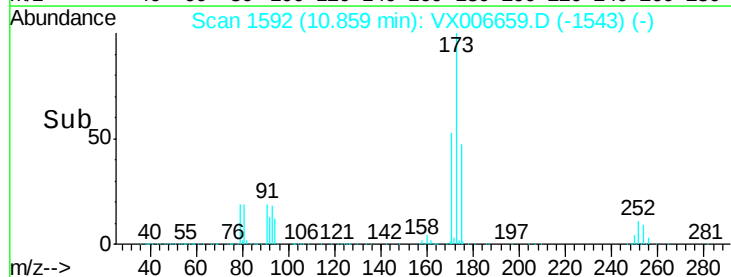
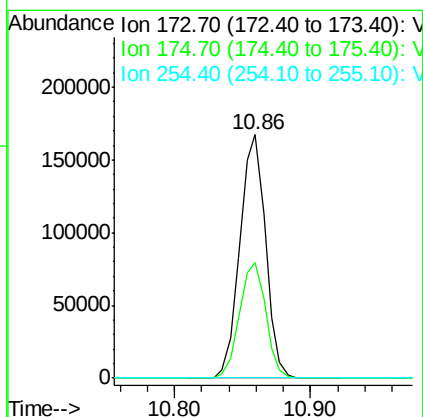
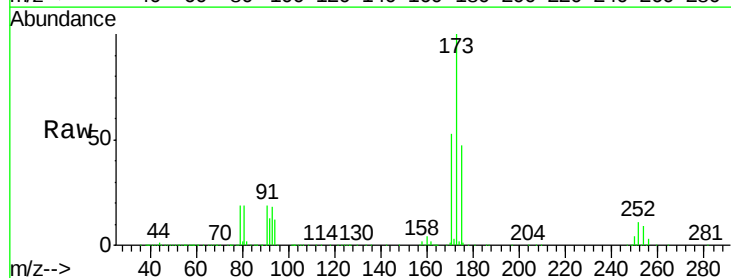
Manual Integrations
APPROVED

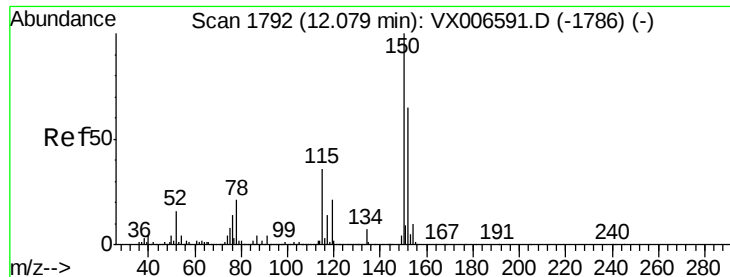
MMDadoda
12/20/2018 10:00:51 AM



#71
Bromoform
Concen: 45.379 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.00 min
Lab File: VX006659.D
Acq: 20 Dec 2018 01:11

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.5	24.7	74.1
254	0.2	0.2	0.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX006659.D

Acq: 20 Dec 2018 01:11

Instrument :

MSVOA_X

ClientSampleId :

966-MW-04(23)MSD

Tot Ion:152 Resp: 428595

Ion Ratio Lower Upper

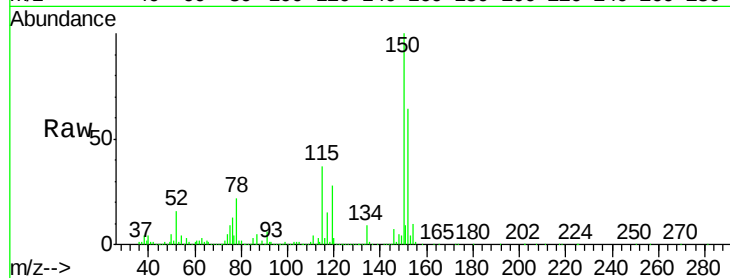
152 100

115 78.6 39.1 117.2

150 174.7 0.0 344.8

Manual Integrations
APPROVED

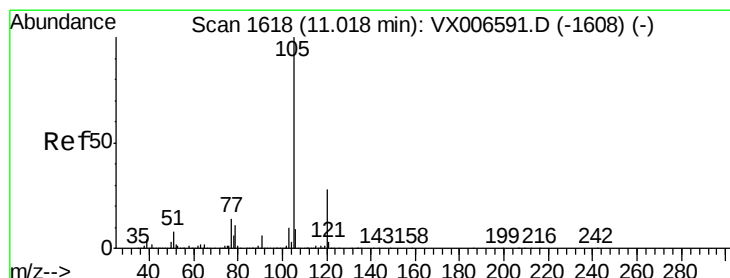
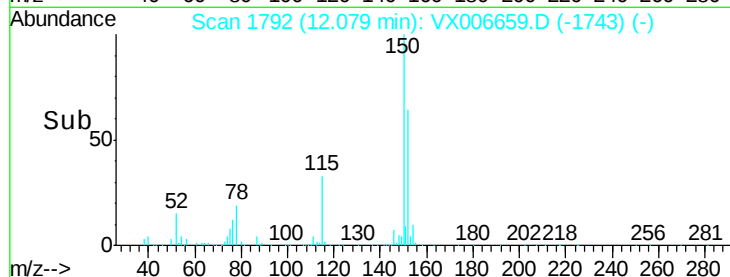
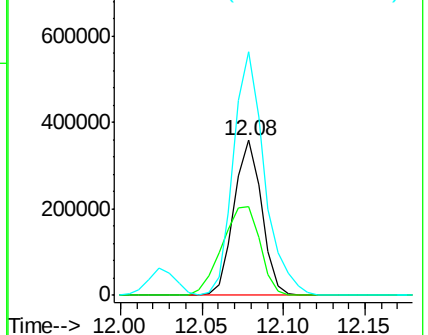
MMDadoda
12/20/2018 10:00:51 AM



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 50.505 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX006659.D

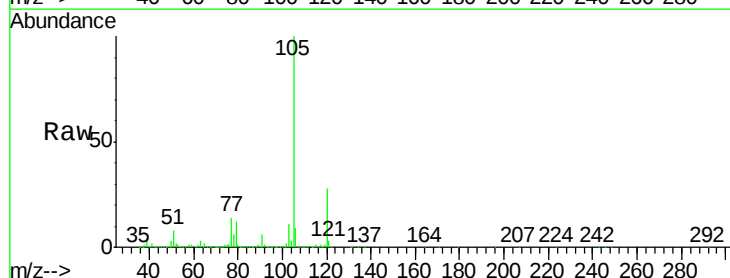
Acq: 20 Dec 2018 01:11

Tgt Ion:105 Resp: 1480856

Ion Ratio Lower Upper

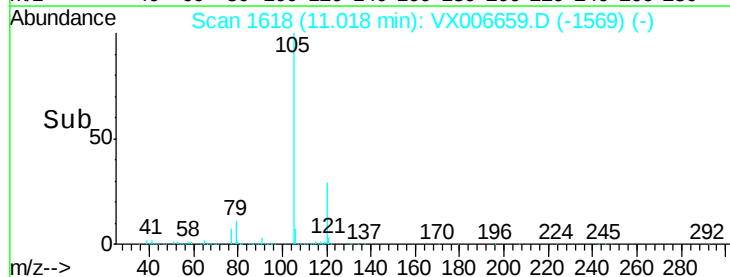
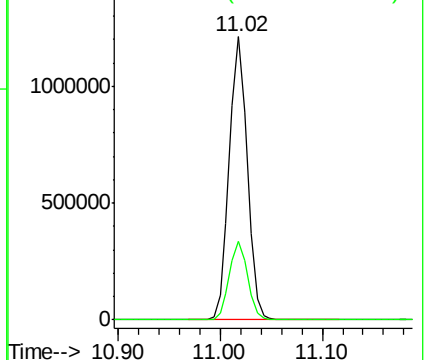
105 100

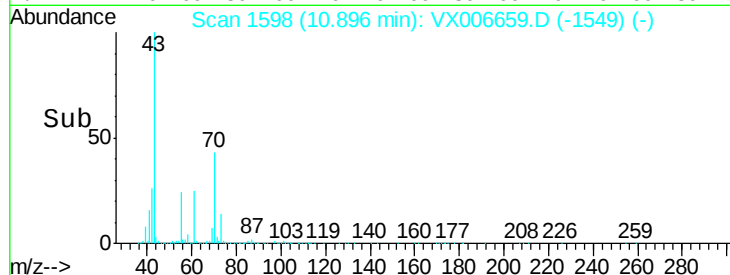
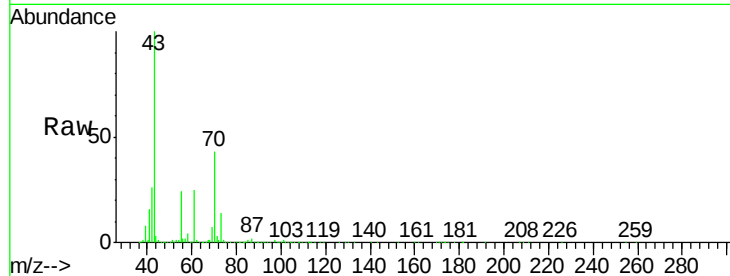
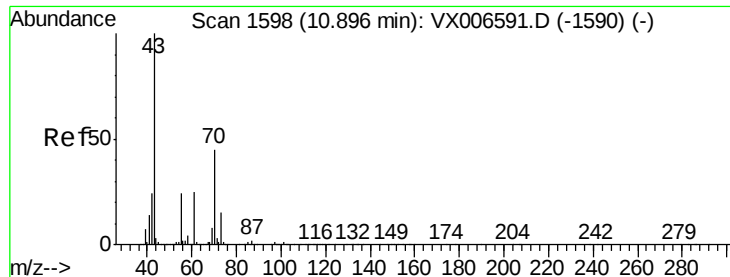
120 28.2 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





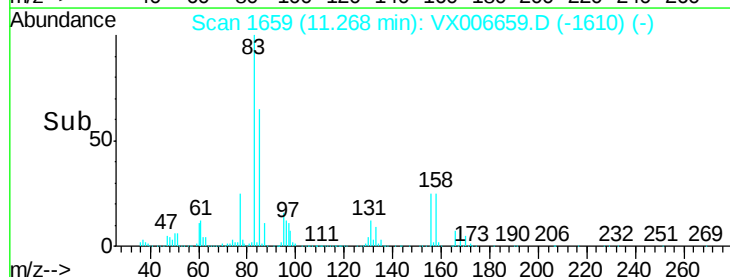
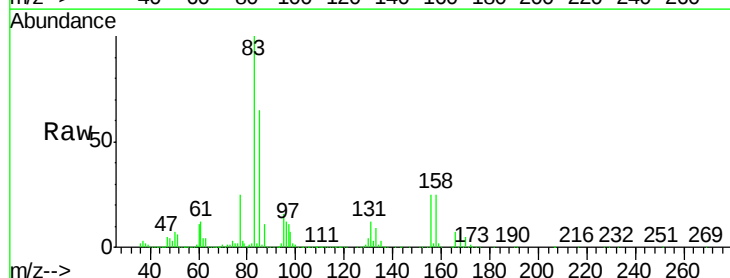
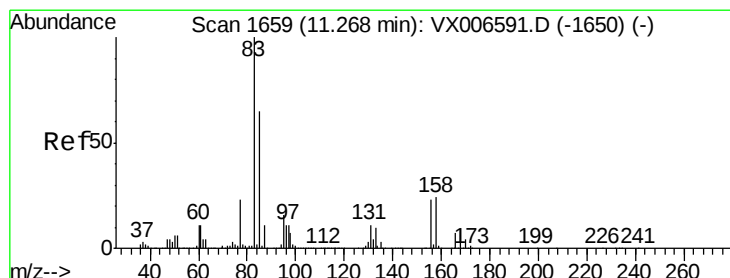
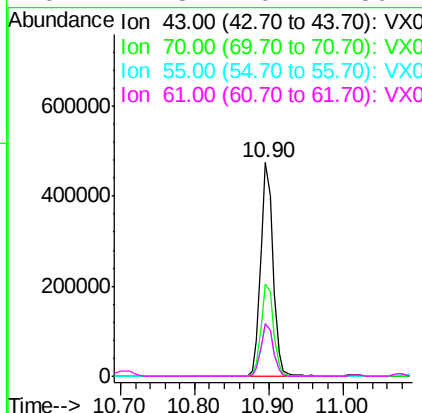
#74
N-amvl acetate
Concen: 53.007 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX006659.D
Acq: 20 Dec 2018 01:11

Tot Ion	Ion	Ratio	Resp	Lower	Upper
43	100				
70	44.2	35.8	53.8		
55	24.6	19.4	29.0		
61	24.8	20.1	30.1		

Instrument :
MSVOA_X
ClientSampleId :
966-MW-04(23)MSD

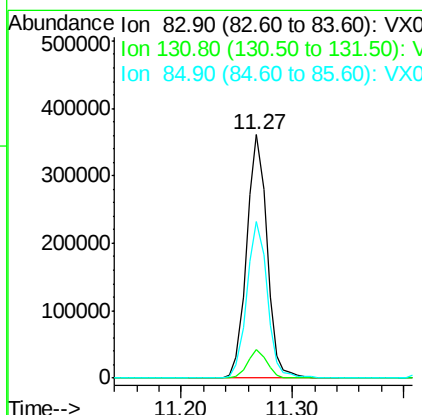
Manual Integrations
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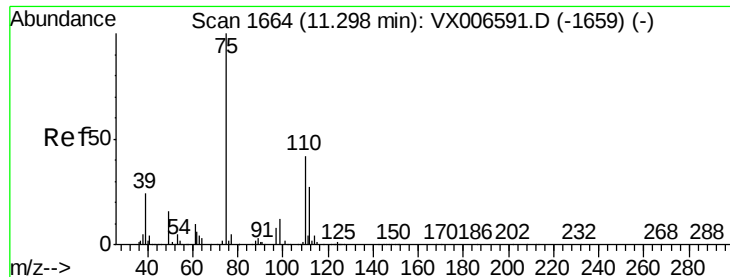
MMDadoda
12/20/2018 10:00:51 AM



#75
1,1,2,2-Tetrachloroethane
Concen: 52.432 ug/l
RT: 11.27 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX006659.D
Acq: 20 Dec 2018 01:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	100				
131	11.2	5.7	17.1		
85	64.7	32.2	96.6		





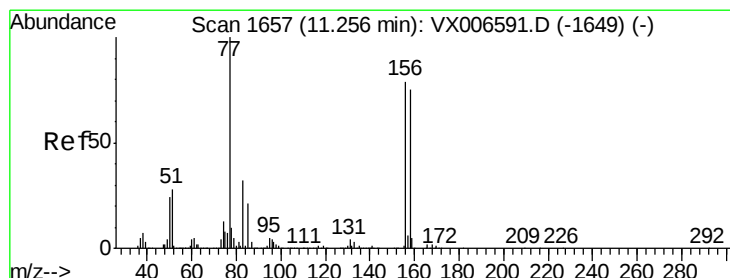
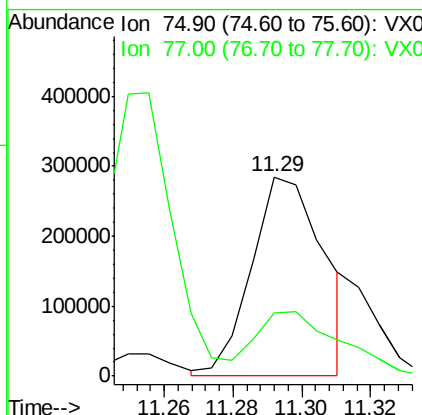
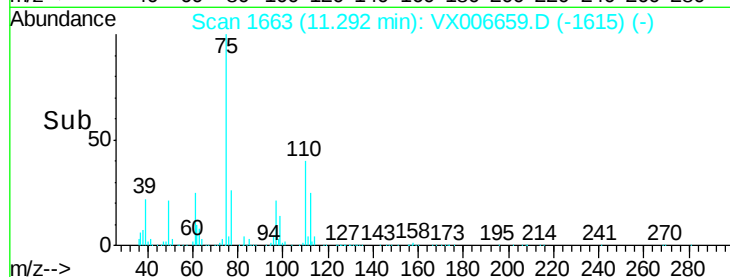
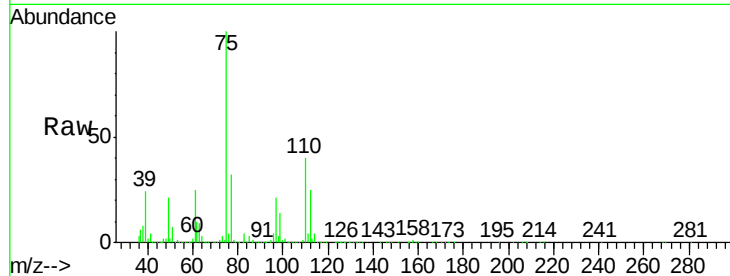
#76
1,2,3-Trichloropropane
Concen: 52.325 ug/l m
RT: 11.29 min Scan# 1663
Delta R.T. -0.01 min
Lab File: VX006659.D
Acq: 20 Dec 2018 01:11

Instrument :
MSVOA_X
ClientSampleId :
966-MW-04(23)MSD

Tot Ion: 75 Resp: 416773
Ion Ratio Lower Upper
75 100
77 37.5 18.5 55.5

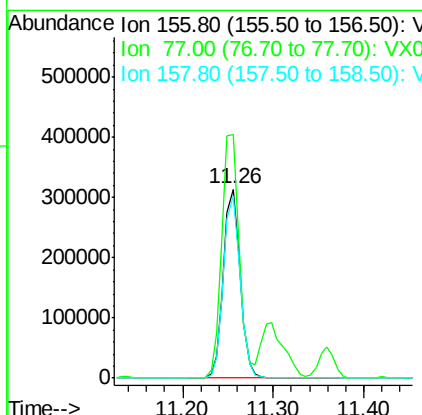
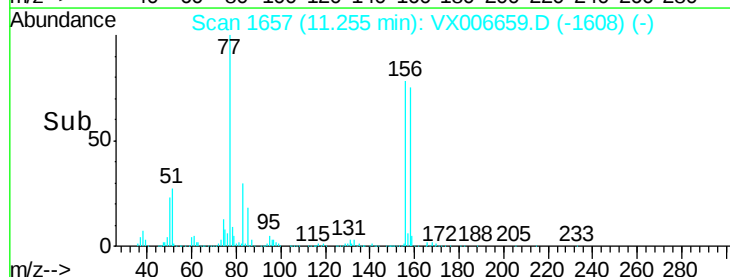
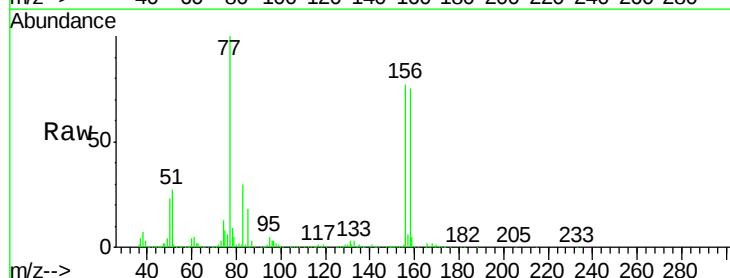
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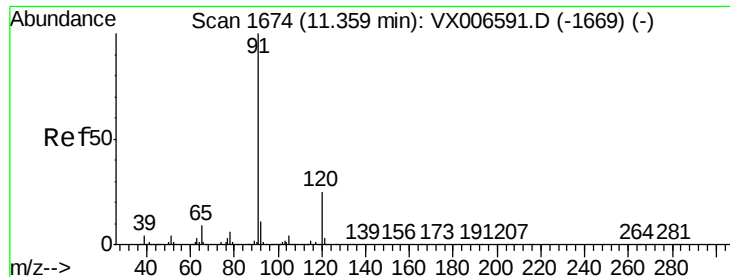
MMDadoda
12/20/2018 10:00:51 AM



#77
Bromobenzene
Concen: 51.217 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VX006659.D
Acq: 20 Dec 2018 01:11

Tgt Ion: 156 Resp: 406002
Ion Ratio Lower Upper
156 100
77 135.6 68.0 204.0
158 96.9 48.3 144.8





#78

n-propylbenzene

Concen: 51.178 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX006659.D

Acq: 20 Dec 2018 01:11

Instrument :

MSVOA_X

ClientSampleId :

966-MW-04(23)MSD

Tot Ion: 91 Resp: 1652465

Ion Ratio Lower Upper

91 100

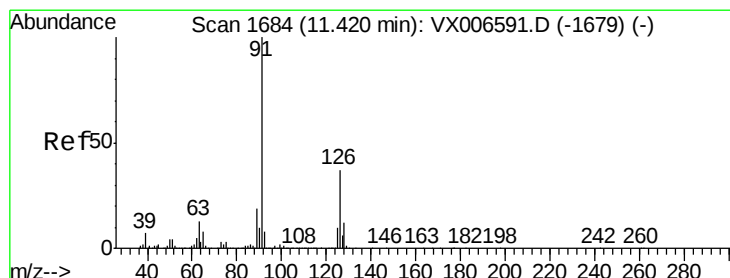
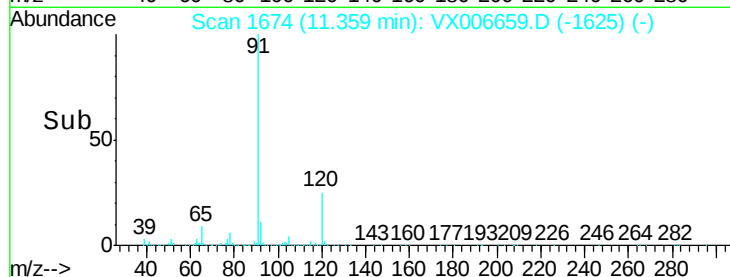
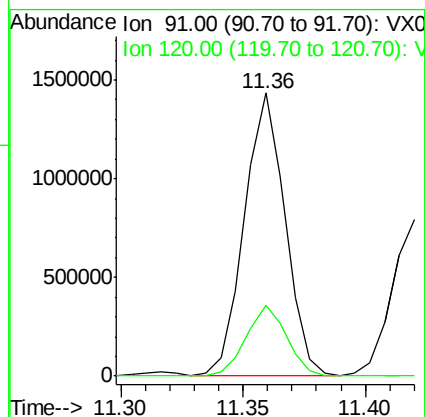
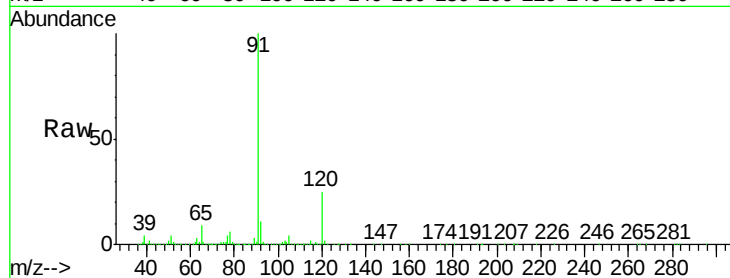
120 25.1 12.7 38.0

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#79

2-Chlorotoluene

Concen: 50.162 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX006659.D

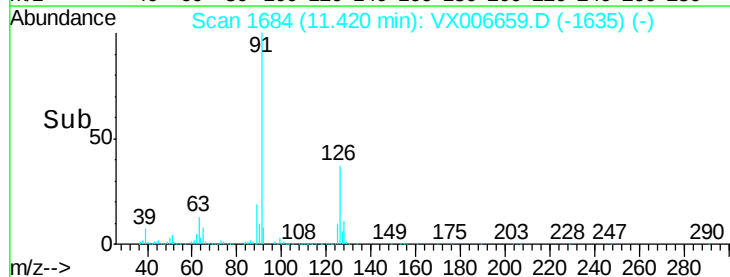
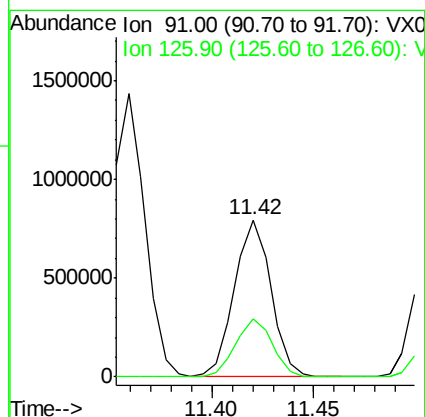
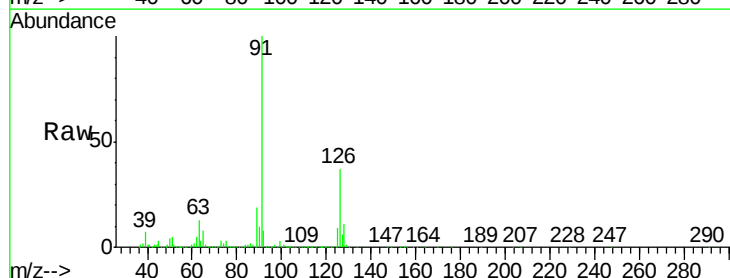
Acq: 20 Dec 2018 01:11

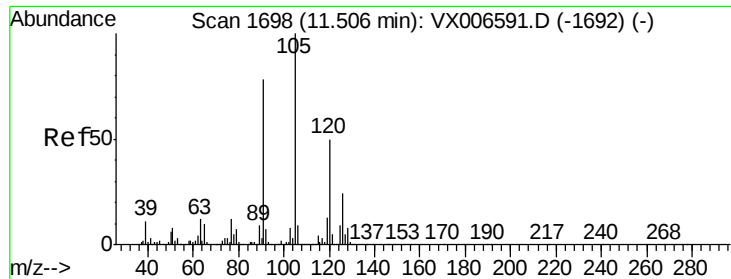
Tgt Ion: 91 Resp: 981526

Ion Ratio Lower Upper

91 100

126 37.6 18.6 56.0





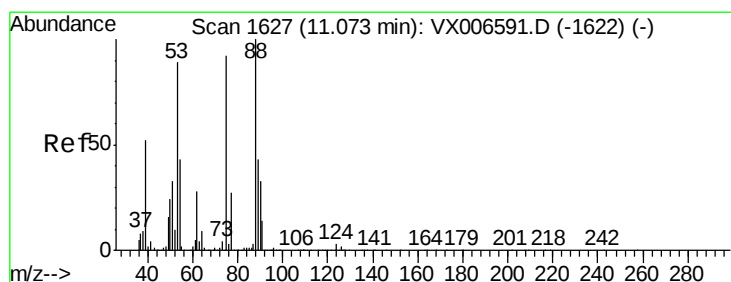
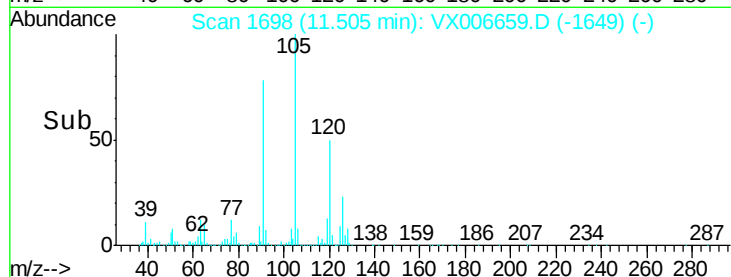
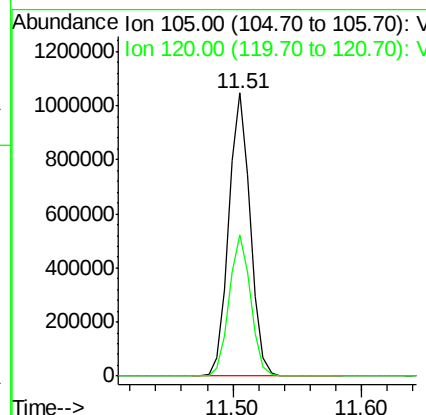
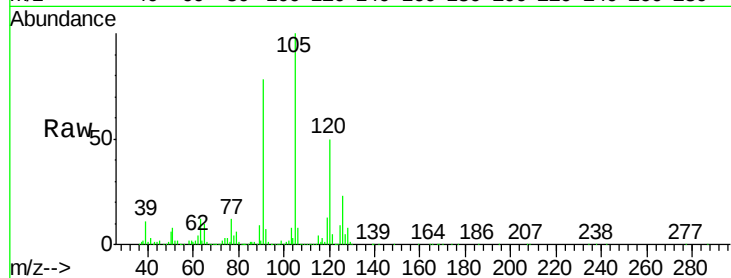
#80
 1,3,5-Trimethylbenzene
 Concen: 50.947 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX006659.D
 Acq: 20 Dec 2018 01:11

Instrument :
 MSVOA_X
 ClientSampleId :
 966-MW-04(23)MSD

Tot Ion:105 Resp: 1230404
 Ion Ratio Lower Upper
 105 100
 120 50.1 25.1 75.3

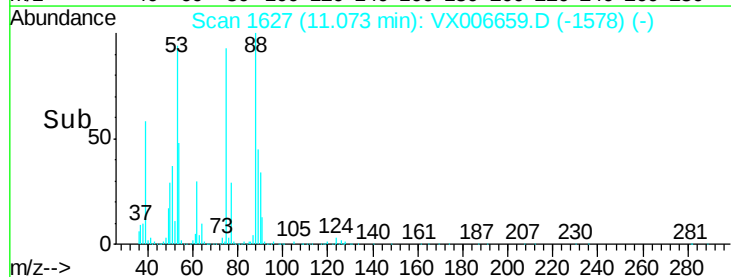
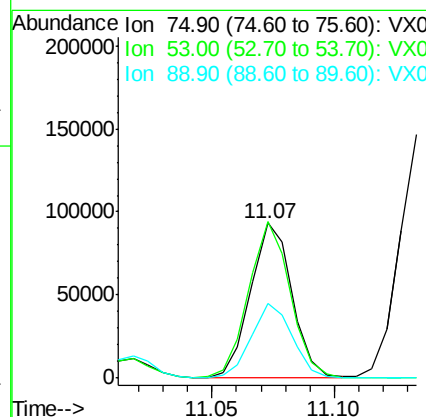
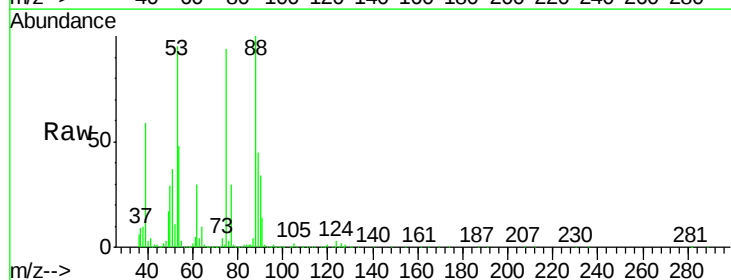
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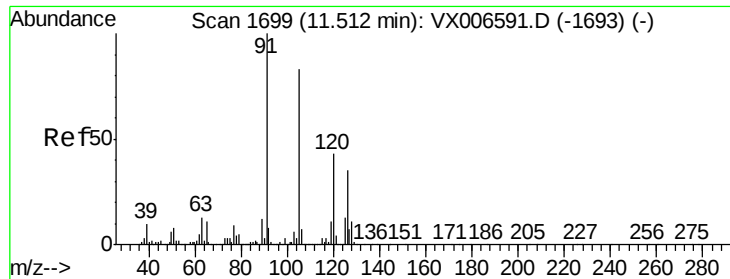
MMDadoda
 12/20/2018 10:00:51 AM



#81
 trans-1,4-Dichloro-2-butene
 Concen: 42.735 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VX006659.D
 Acq: 20 Dec 2018 01:11

Tgt Ion: 75 Resp: 110090
 Ion Ratio Lower Upper
 75 100
 53 101.5 79.7 119.5
 89 48.4 38.0 57.0





#82

4-Chlorotoluene

Concen: 50.560 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX006659.D

Acq: 20 Dec 2018 01:11

Instrument :

MSVOA_X

ClientSampleId :

966-MW-04(23)MSD

Tot Ion: 91 Resp: 1134810

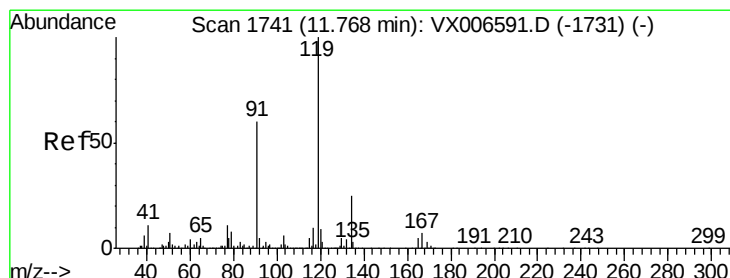
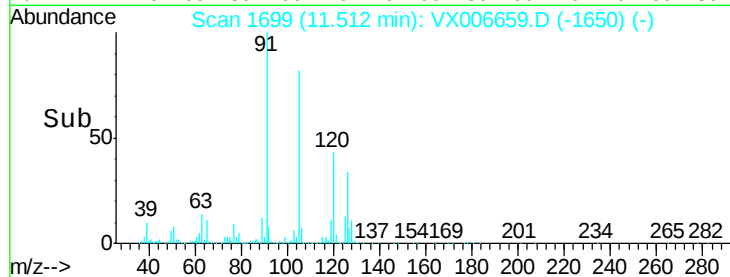
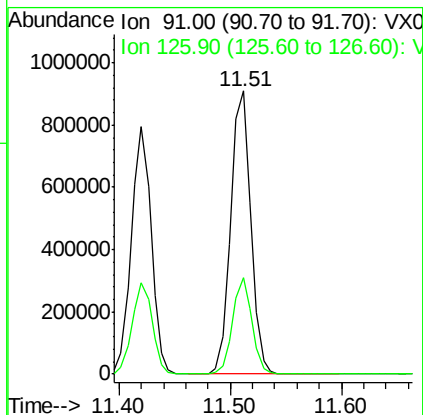
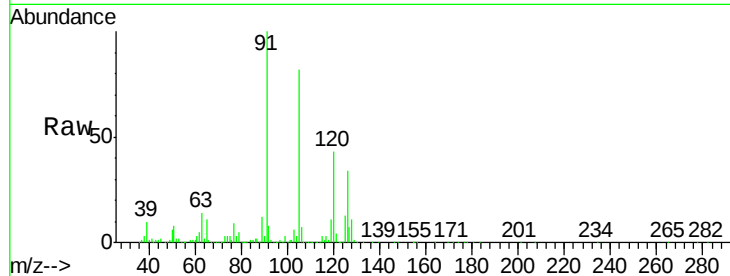
Ion Ratio Lower Upper

91 100

126 32.5 16.3 48.9

Manual Integrations
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#83

tert-Butylbenzene

Concen: 51.998 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX006659.D

Acq: 20 Dec 2018 01:11

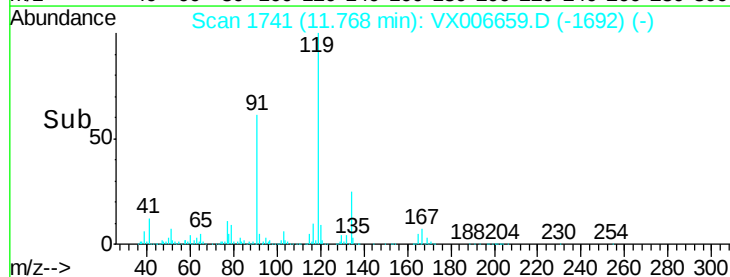
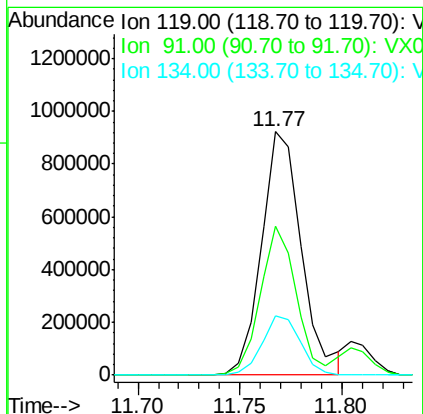
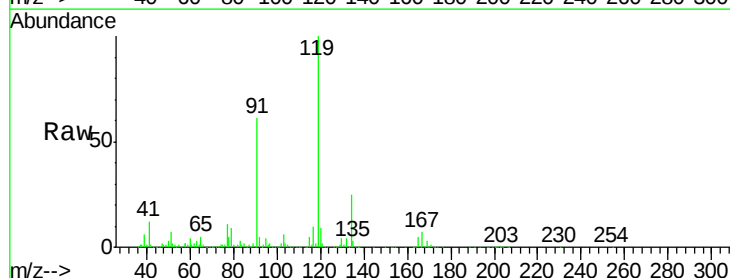
Tgt Ion: 119 Resp: 1256837

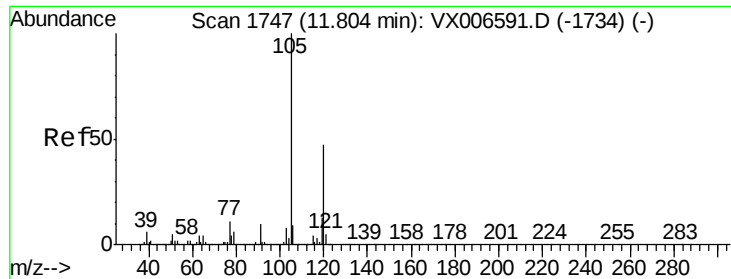
Ion Ratio Lower Upper

119 100

91 55.0 27.7 83.1

134 23.5 11.9 35.5





#84

1,2,4-Trimethylbenzene

Concen: 49.922 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX006659.D

Acq: 20 Dec 2018 01:11

Instrument :

MSVOA_X

ClientSampleId :

966-MW-04(23)MSD

Tot Ion:105 Resp: 1268149

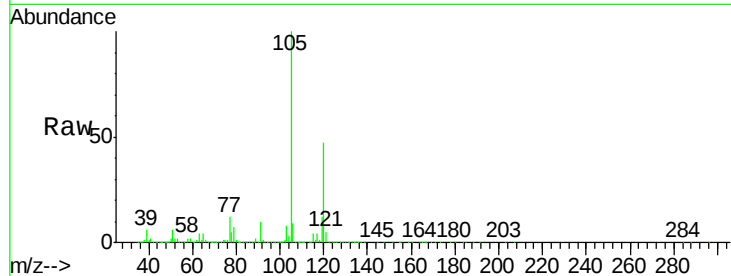
Ion Ratio Lower Upper

105 100

120 46.6 23.2 69.6

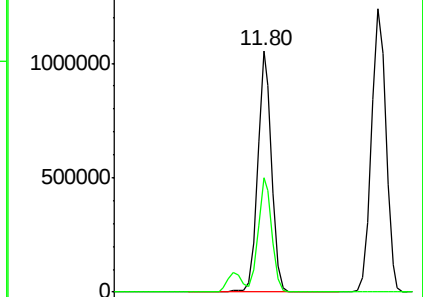
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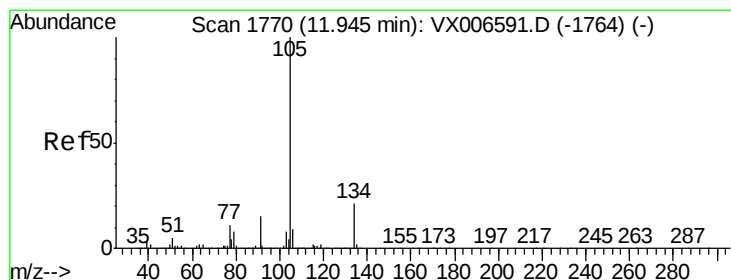
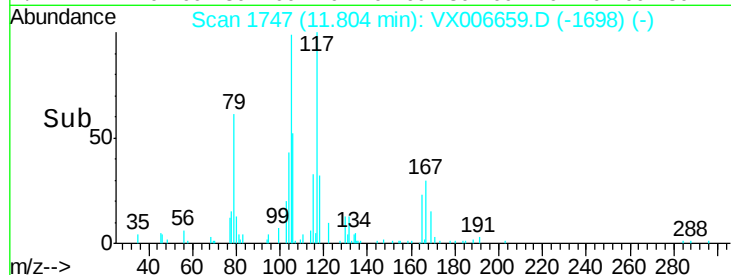


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->



#85

sec-Butylbenzene

Concen: 50.708 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX006659.D

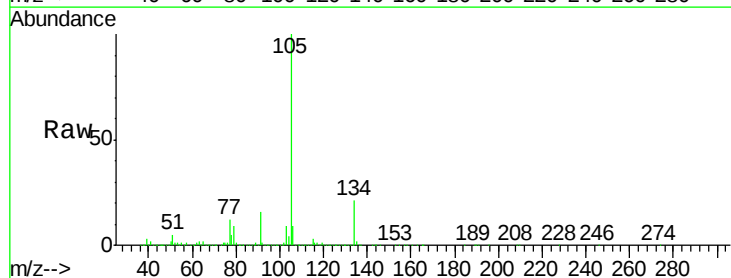
Acq: 20 Dec 2018 01:11

Tgt Ion:105 Resp: 1502745

Ion Ratio Lower Upper

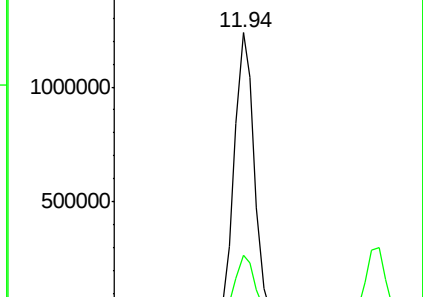
105 100

134 21.5 10.7 31.9

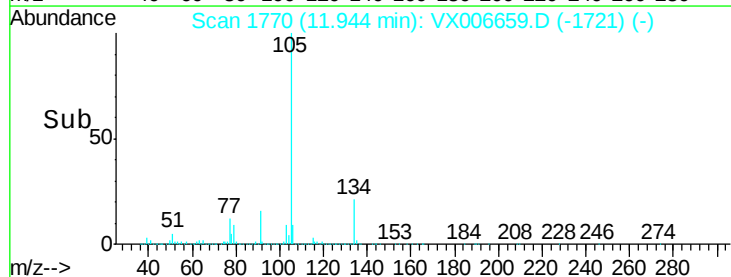


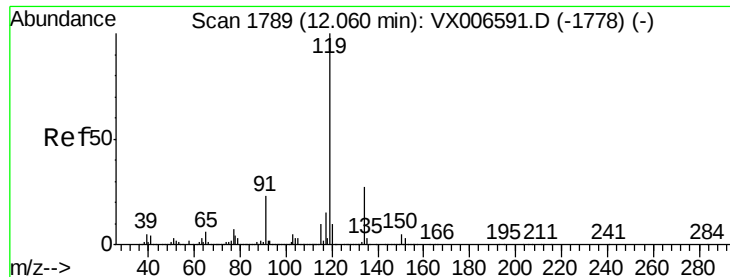
Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



Time-->





#86

p-Isopropyltoluene

Concen: 51.097 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.01 min

Lab File: VX006659.D

Acq: 20 Dec 2018 01:11

Instrument :

MSVOA_X

ClientSampleId :

966-MW-04(23)MSD

Tot Ion:119 Resp: 1331094

Ion Ratio Lower Upper

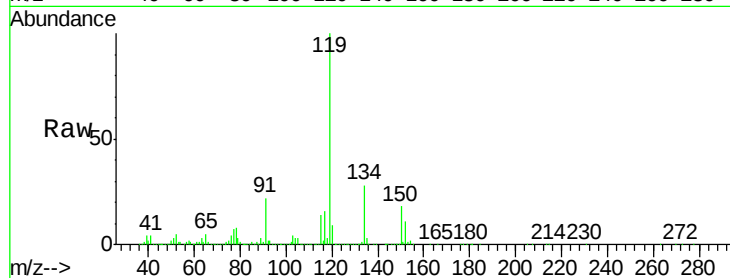
119 100

134 27.6 14.0 41.9

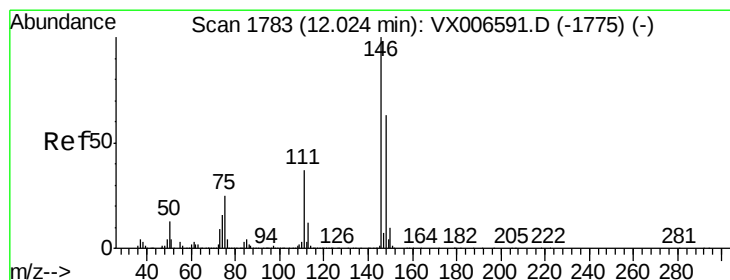
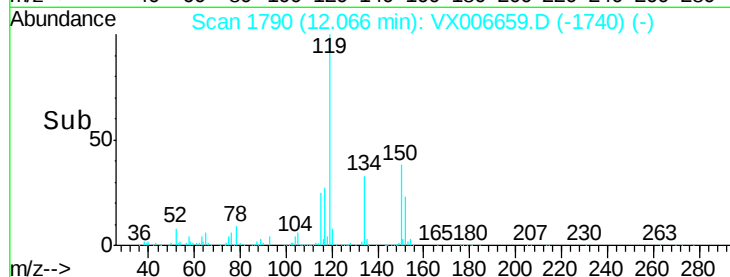
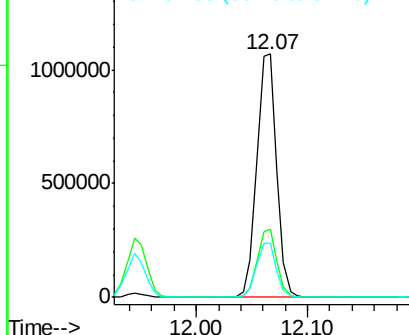
91 22.5 11.3 33.9

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Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V



#87

1,3-Dichlorobenzene

Concen: 50.911 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX006659.D

Acq: 20 Dec 2018 01:11

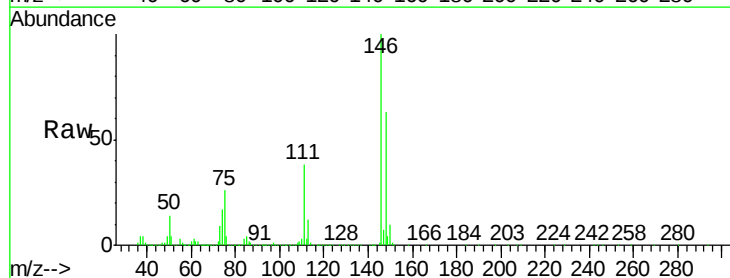
Tgt Ion:146 Resp: 727349

Ion Ratio Lower Upper

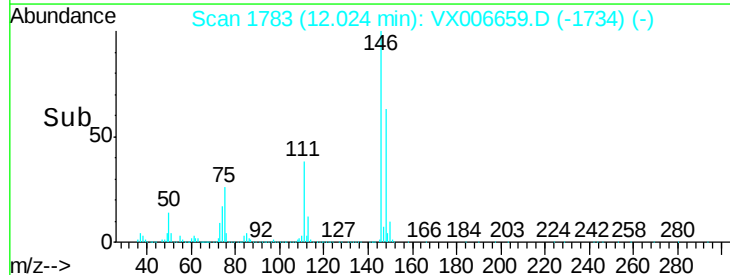
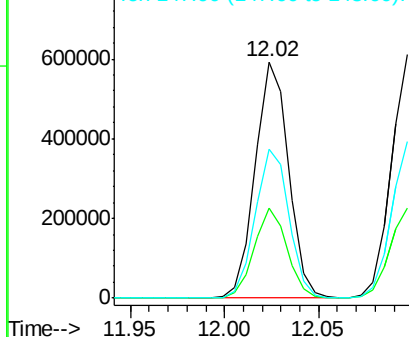
146 100

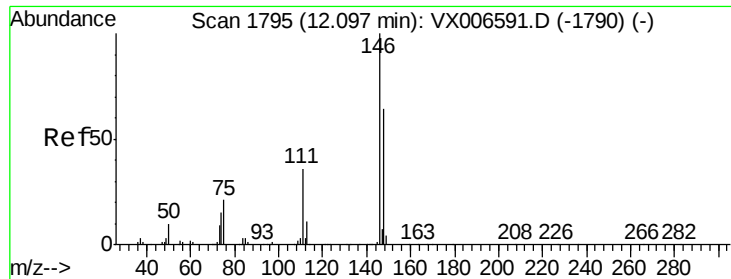
111 37.5 18.6 55.8

148 63.7 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V





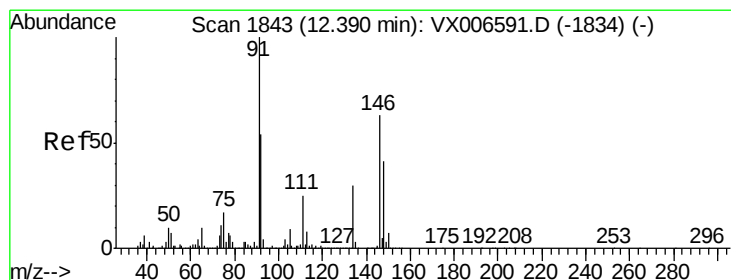
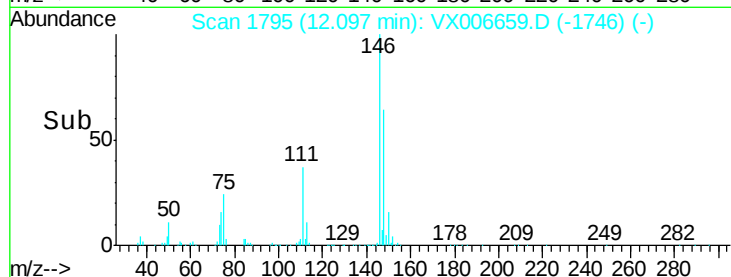
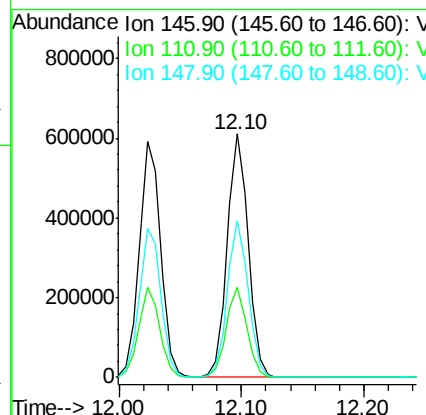
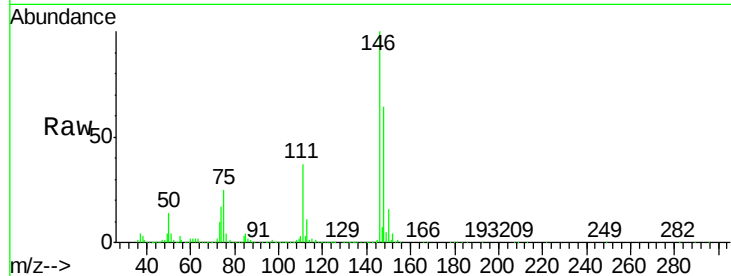
#88
 1,4-Dichlorobenzene
 Concen: 49.564 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX006659.D
 Acq: 20 Dec 2018 01:11

Instrument :
 MSVOA_X
 ClientSampleId :
 966-MW-04(23)MSD

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.1	54.1
148	64.2	31.9	95.9

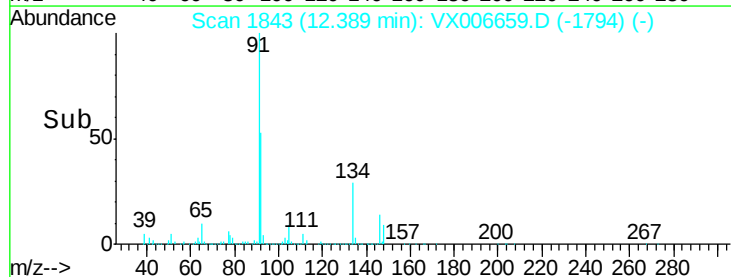
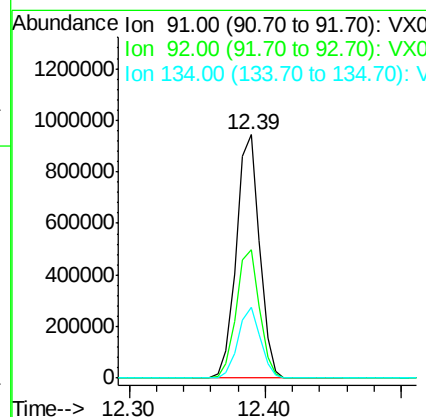
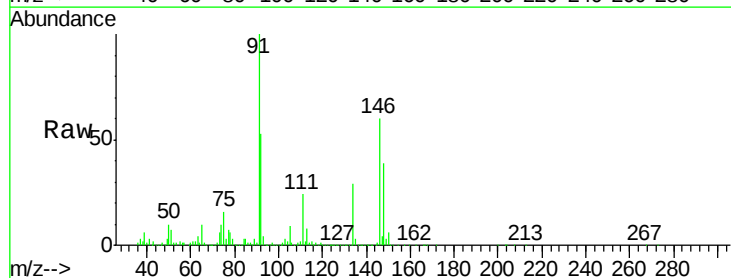
Manual Integrations
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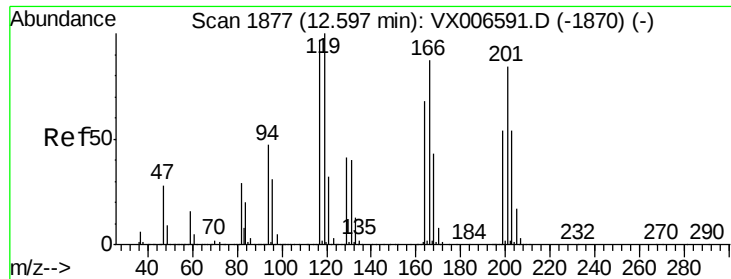
MMDadoda
 12/20/2018 10:00:51 AM



#89
 n-Butylbenzene
 Concen: 50.277 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX006659.D
 Acq: 20 Dec 2018 01:11

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.2	26.8	80.4
134	28.4	14.4	43.2





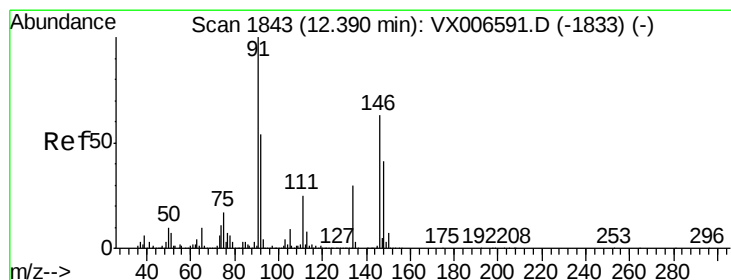
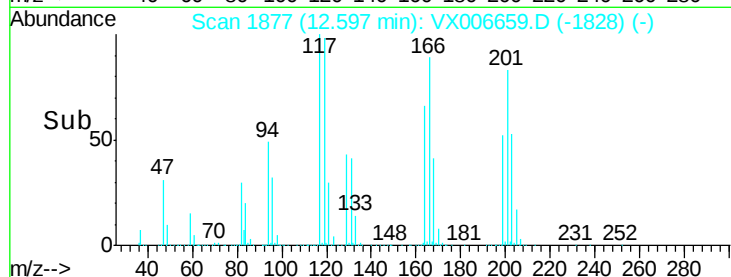
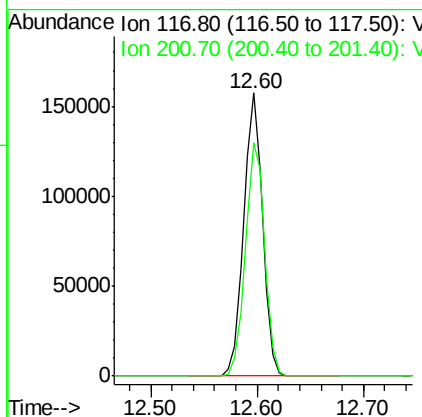
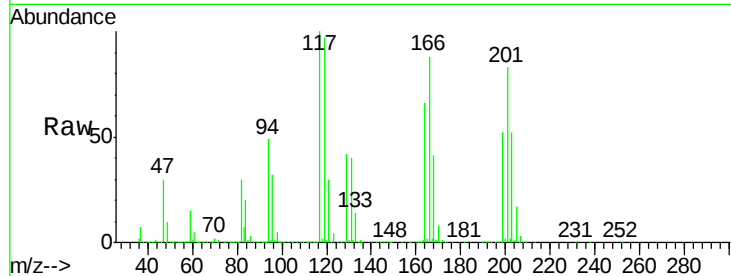
#90
Hexachloroethane
Concen: 48.284 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006659.D
Acq: 20 Dec 2018 01:11

Instrument :
MSVOA_X
ClientSampleId :
966-MW-04(23)MSD

Tot Ion	Ratio	Resp	Lower	Upper
117	100	196362		
201	84.0	42.9	128.7	

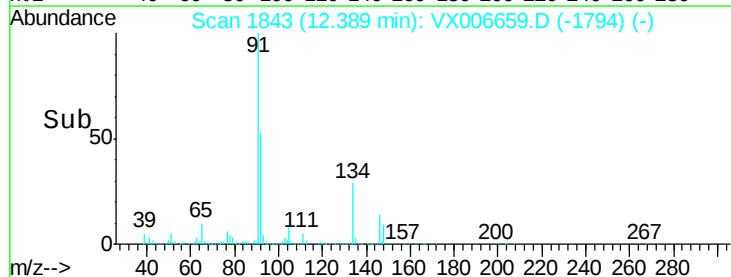
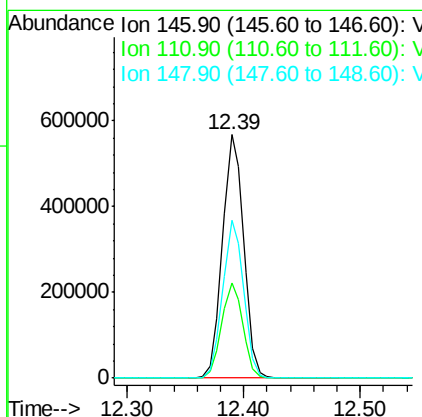
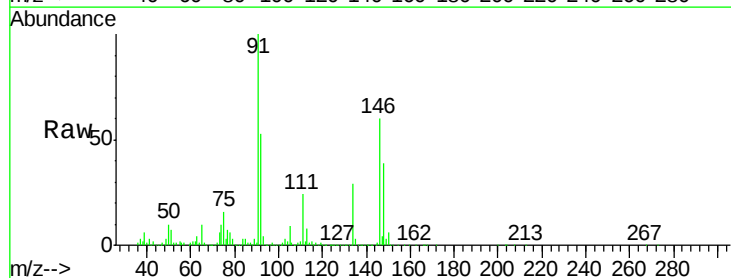
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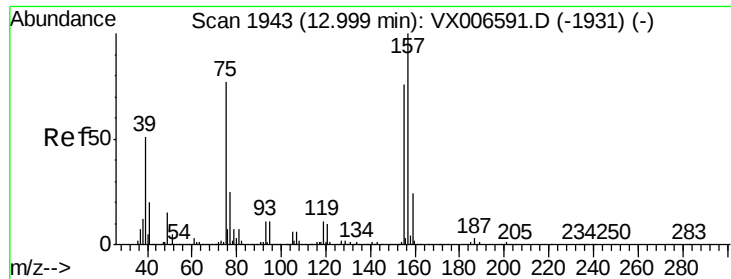
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#91
1,2-Dichlorobenzene
Concen: 50.007 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX006659.D
Acq: 20 Dec 2018 01:11

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	714678		
111	39.1	19.4	58.2	
148	63.9	32.3	96.9	





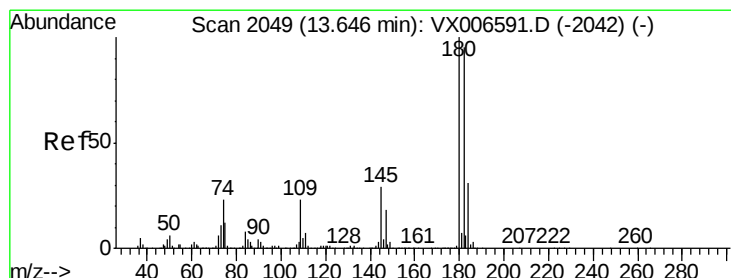
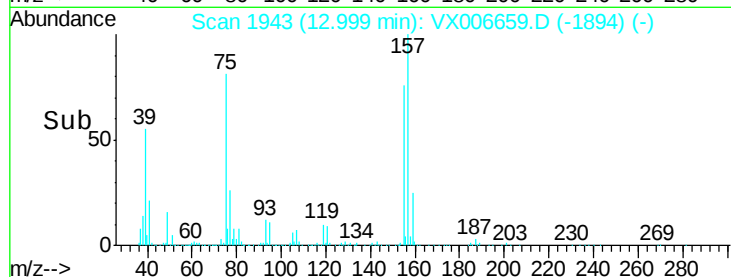
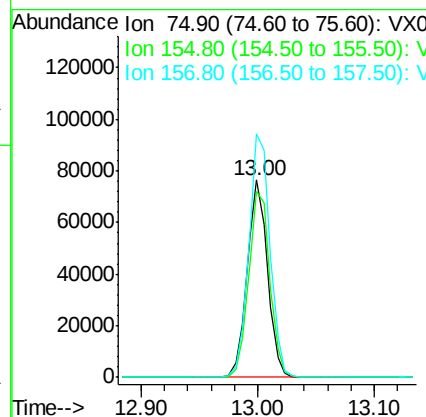
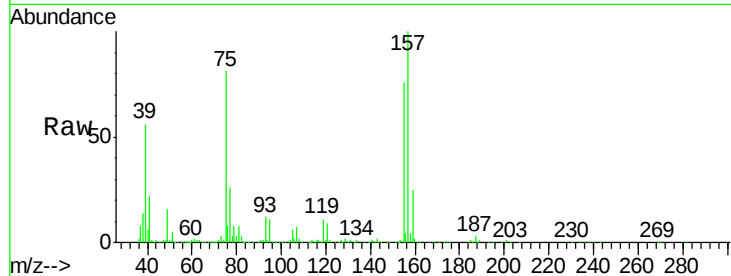
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.655 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX006659.D
 Acq: 20 Dec 2018 01:11

Instrument :
 MSVOA_X
 ClientSampleId :
 966-MW-04(23)MSD

Tot Ion: 75 Resp: 93202
 Ion Ratio Lower Upper
 75 100
 155 98.4 50.6 151.8
 157 128.7 64.6 193.8

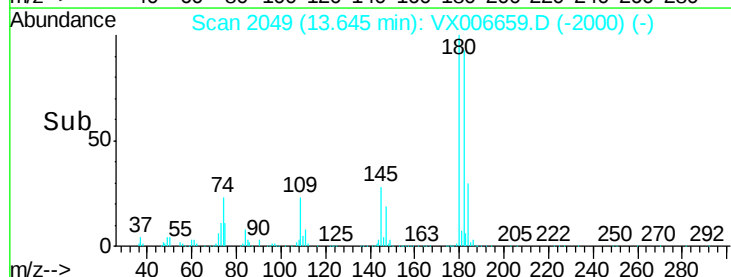
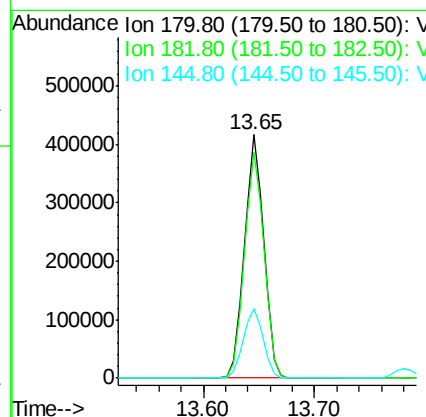
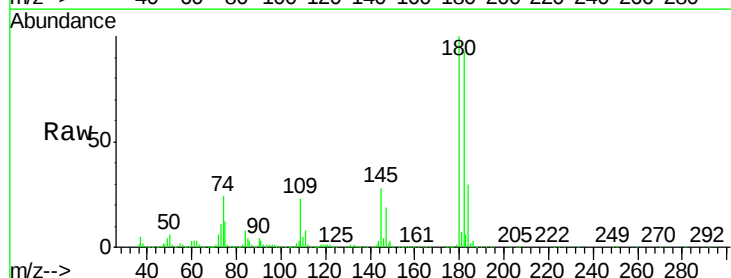
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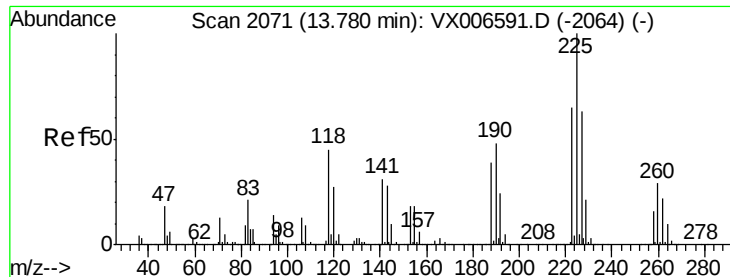
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#93
 1,2,4-Trichlorobenzene
 Concen: 50.732 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX006659.D
 Acq: 20 Dec 2018 01:11

Tgt Ion: 180 Resp: 500123
 Ion Ratio Lower Upper
 180 100
 182 94.2 47.3 142.0
 145 29.3 14.8 44.3





#94

Hexachlorobutadiene

Concen: 45.952 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. -0.00 min

Lab File: VX006659.D

Acq: 20 Dec 2018 01:11

Instrument :

MSVOA_X

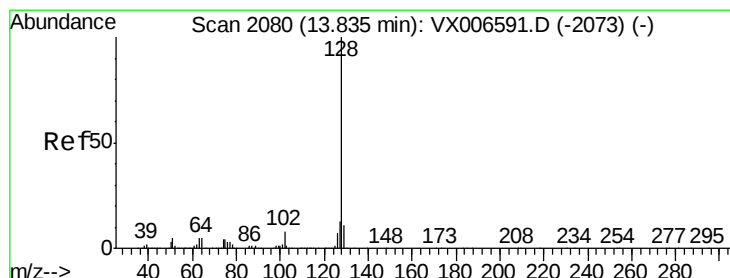
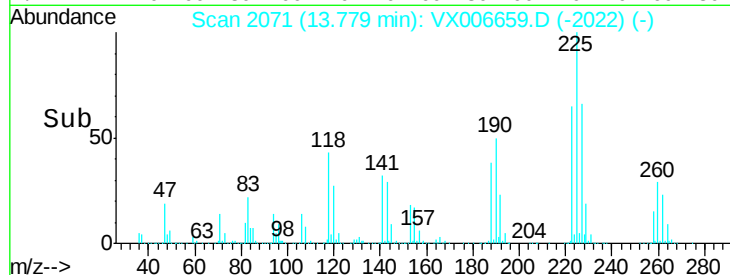
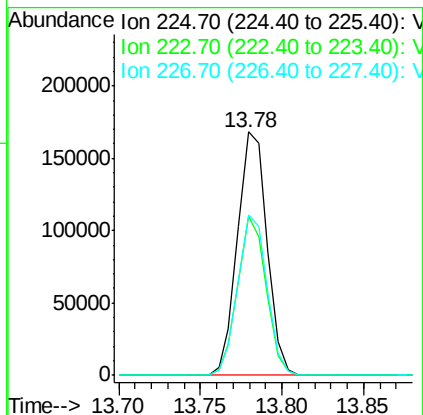
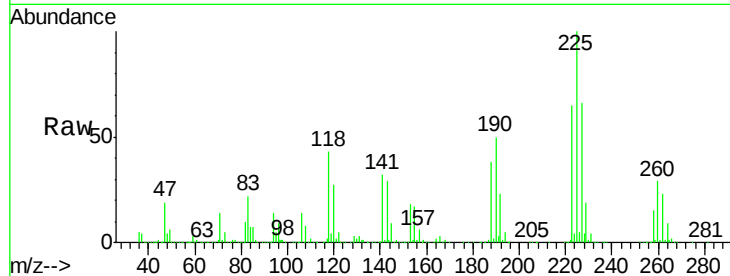
ClientSampleId :

966-MW-04(23)MSD

Tot Ion:	225	Resp:	213520
Ion Ratio		Lower	Upper
225	100		
223	62.8	32.1	96.3
227	65.3	32.3	96.8

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#95

Naphthalene

Concen: 50.564 ug/l

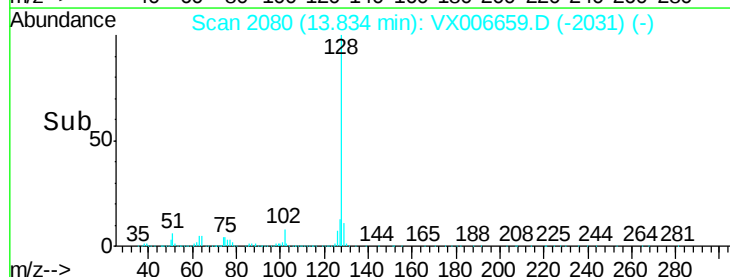
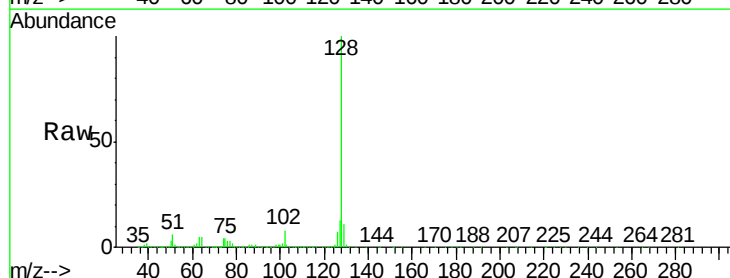
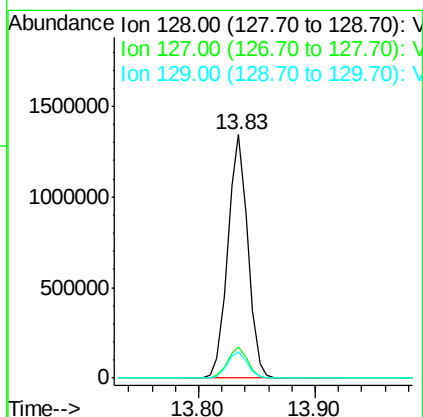
RT: 13.83 min Scan# 2080

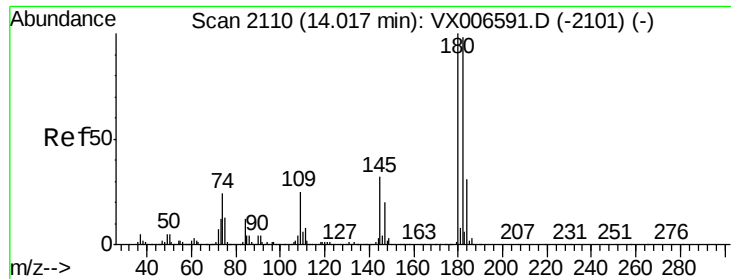
Delta R.T. -0.00 min

Lab File: VX006659.D

Acq: 20 Dec 2018 01:11

Tgt Ion:	128	Resp:	1590951
Ion Ratio		Lower	Upper
128	100		
127	13.0	10.1	15.1
129	11.0	8.6	13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 49.071 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. -0.00 min
 Lab File: VX006659.D
 Acq: 20 Dec 2018 01:11

Instrument :
 MSVOA_X
 ClientSampleId :
 966-MW-04(23)MSD

Tot Ion:	180	Resp:	499465
Ion Ratio	Lower	Upper	
180	100		
182	95.5	48.5	145.5
145	31.4	16.0	47.9

Manual Integrations
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