

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121918\
 Data File : VX006658.D
 Acq On : 20 Dec 2018 00:44
 Operator : JC/MD
 Sample : J6484-05MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

MMDadoda
 12/20/2018 10:00:46 AM

Quant Time: Dec 20 05:02:58 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	553996	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	879261	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	813759	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	430640	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	313162	52.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.90%	
35) Dibromofluoromethane	5.50	113	285445	51.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.68%	
50) Toluene-d8	8.71	98	1059125	50.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.04%	
62) 4-Bromofluorobenzene	11.13	95	400144	52.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	236654	46.695	ug/l	100
3) Chloromethane	1.33	50	269023	49.271	ug/l	96
4) Vinyl Chloride	1.41	62	288281	50.553	ug/l	99
5) Bromomethane	1.64	94	279205	52.564	ug/l	98
6) Chloroethane	1.72	64	185268	46.921	ug/l	100
7) Trichlorofluoromethane	1.93	101	443233	49.853	ug/l	100
8) Diethyl Ether	2.19	74	175340	49.653	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	250746	48.033	ug/l	98
10) Methyl Iodide	2.51	142	424995	56.874	ug/l	100
11) Tert butyl alcohol	3.07	59	350081	262.724	ug/l	99
12) 1,1-Dichloroethene	2.37	96	250766	50.662	ug/l	98
13) Acrolein	2.29	56	196749	218.874	ug/l	98
14) Allyl chloride	2.73	41	418055	50.177	ug/l	99
15) Acrylonitrile	3.15	53	789990	267.017	ug/l	99
16) Acetone	2.45	43	651798	237.610	ug/l	99
17) Carbon Disulfide	2.57	76	588067	44.894	ug/l	99
18) Methyl Acetate	2.78	43	418073	51.831	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	861415	52.434	ug/l	100
20) Methylene Chloride	2.85	84	286103	50.438	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	266305	48.557	ug/l	99
22) Diisopropyl ether	3.87	45	800344	52.508	ug/l	99
23) Vinyl Acetate	3.82	43	3010947	241.499	ug/l	100
24) 1,1-Dichloroethane	3.70	63	457963	50.331	ug/l	98
25) 2-Butanone	4.70	43	986615	255.695	ug/l	99
26) 2,2-Dichloropropane	4.59	77	283530	40.340	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	305896	50.553	ug/l	99
28) Bromochloromethane	5.02	49	210697	55.122	ug/l	98
29) Tetrahydrofuran	5.15	42	670943	264.008	ug/l	100
30) Chloroform	5.21	83	484469	51.416	ug/l	98
31) Cyclohexane	5.57	56	394627	47.740	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	409036	51.411	ug/l	99
36) 1,1-Dichloropropene	5.80	75	346680	47.606	ug/l	99
37) Ethyl Acetate	4.85	43	357575	47.176	ug/l	99
38) Carbon Tetrachloride	5.78	117	344959	48.742	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	435636	45.439	ug/l	100
40) Benzene	6.14	78	1087306	49.120	ug/l	99
41) Methacrylonitrile	5.06	41	215078	53.447	ug/l	98
42) 1,2-Dichloroethane	6.20	62	371720	49.281	ug/l	99
43) Isopropyl Acetate	6.46	43	580860	50.367	ug/l	99
44) Trichloroethene	7.21	130	317988	47.462	ug/l	95
45) 1,2-Dichloropropane	7.51	63	269845	50.094	ug/l	99
46) Dibromomethane	7.66	93	197698	49.896	ug/l	99
47) Bromodichloromethane	7.90	83	330293	50.210	ug/l	99
48) Methyl methacrylate	7.77	41	307252	52.390	ug/l	98
49) 1,4-Dioxane	7.75	88	164538	1073.750	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	2002996	272.967	ug/l	99
52) Toluene	8.79	92	718184	50.220	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	358983	50.883	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	396807	51.259	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	300335	51.308	ug/l	99
56) Ethyl methacrylate	9.18	69	445419	53.839	ug/l	98
57) 1,3-Dichloropropane	9.37	76	476958	50.645	ug/l	100
59) 2-Hexanone	9.49	43	1526105	271.823	ug/l	100
60) Dibromochloromethane	9.59	129	287518	47.105	ug/l	98
61) 1,2-Dibromoethane	9.67	107	326177	52.419	ug/l	100
64) Tetrachloroethene	9.34	164	297847	46.223	ug/l	100
65) Chlorobenzene	10.14	112	841386	48.873	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	279011	51.945	ug/l	100
67) Ethyl Benzene	10.25	91	1382392	49.140	ug/l	99
68) m/p-Xylenes	10.36	106	1121894	101.065	ug/l	99
69) o-Xylene	10.69	106	547383	49.936	ug/l	98
70) Stvrene	10.71	104	889743	51.305	ug/l	100
71) Bromoform	10.86	173	211187	44.161	ug/l	100
73) Isopropylbenzene	11.02	105	1451025	49.252	ug/l	99
74) N-amyl acetate	10.90	43	525923	49.873	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	455918	52.035	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	418180m	52.252	ug/l	
77) Bromobenzene	11.26	156	389164	48.860	ug/l	98
78) n-propylbenzene	11.36	91	1601362	49.360	ug/l	99
79) 2-Chlorotoluene	11.42	91	953076	48.477	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	1200062	49.455	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	110123	42.563	ug/l	97
82) 4-Chlorotoluene	11.51	91	1109057	49.178	ug/l	100
83) tert-Butylbenzene	11.77	119	1232702	50.757	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1239715	48.571	ug/l	100
85) sec-Butylbenzene	11.94	105	1467524	49.285	ug/l	100
86) p-Isopropyltoluene	12.07	119	1316354	50.291	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	709637	49.436	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	706516	48.011	ug/l	100
89) n-Butylbenzene	12.39	91	1106366	49.666	ug/l	99
90) Hexachloroethane	12.60	117	184355	45.332	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	704402	49.054	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	93212	51.415	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	482813	48.743	ug/l	99

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QLast Update : Wed Dec 19 15:20:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	211863	45.379	ug/l	99
95) Naphthalene	13.83	128	1573126	49.760	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	495594	48.459	ug/l	98

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

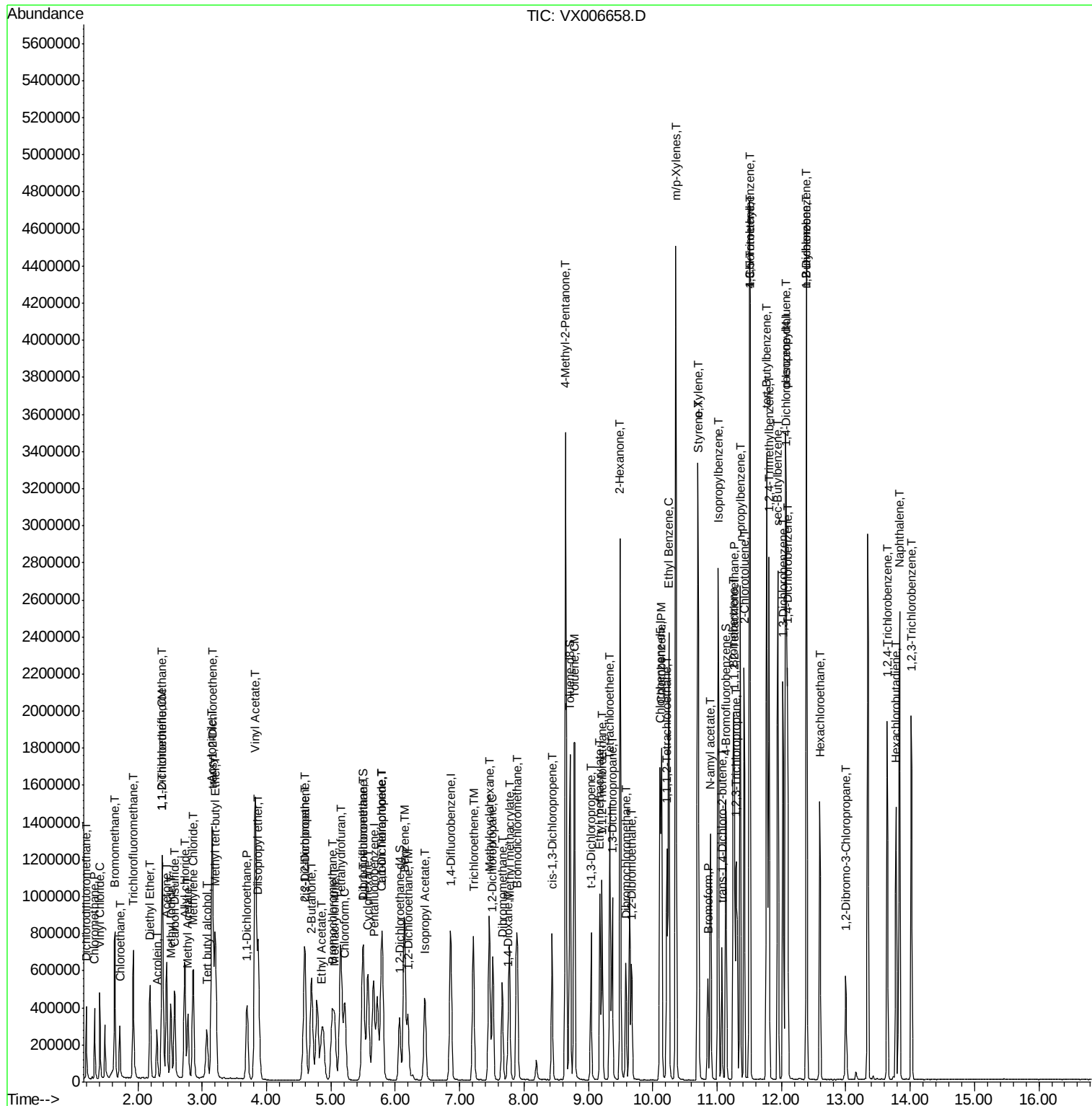
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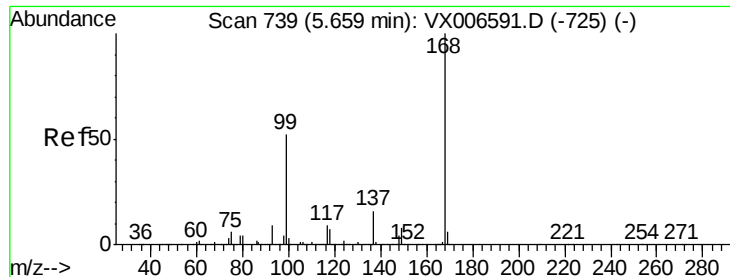
Instrument :
 MSVOA_X
 ClientSampleID :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006658.D

Acq: 20 Dec 2018 00:44

Instrument :

MSVOA_X

ClientSampleId :

966-MW-04(23)MS

Tot Ion:168 Resp: 553996

Ion Ratio Lower Upper

168 100

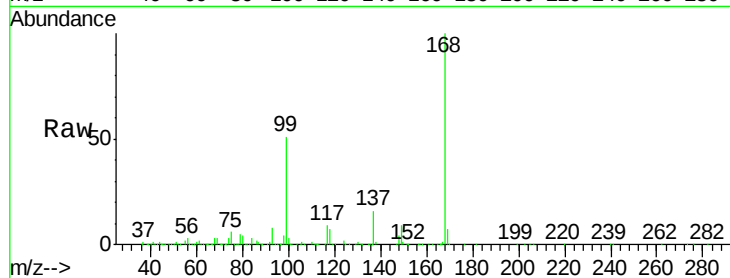
99 50.6 41.8 62.8

Manual Integrations

APPROVED

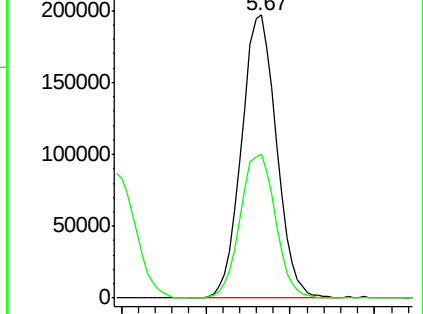
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12/20/2018 10:00:46 AM

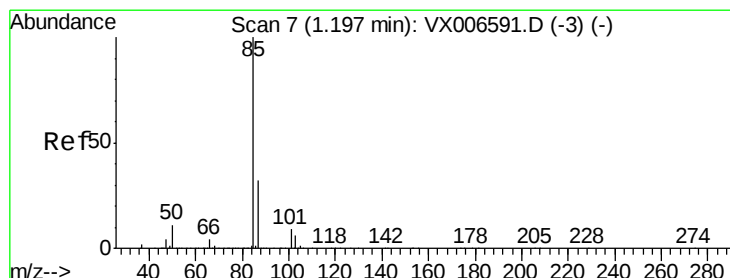
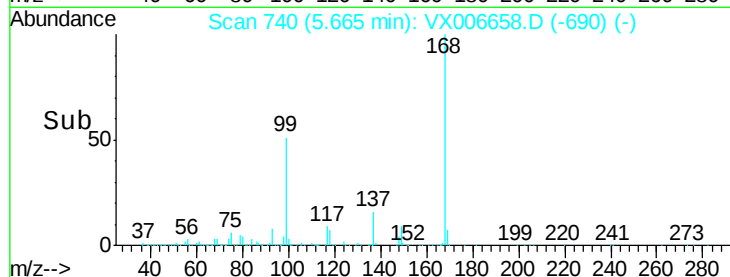


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



Time-->



#2

Dichlorodifluoromethane

Concen: 46.695 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX006658.D

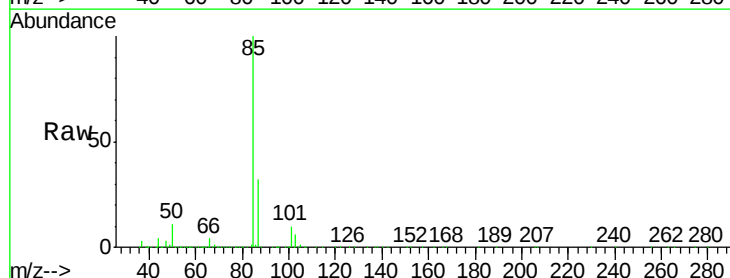
Acq: 20 Dec 2018 00:44

Tgt Ion: 85 Resp: 236654

Ion Ratio Lower Upper

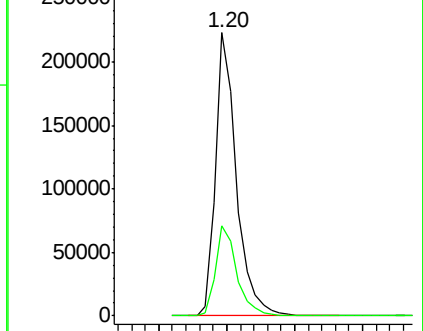
85 100

87 31.9 15.9 47.6

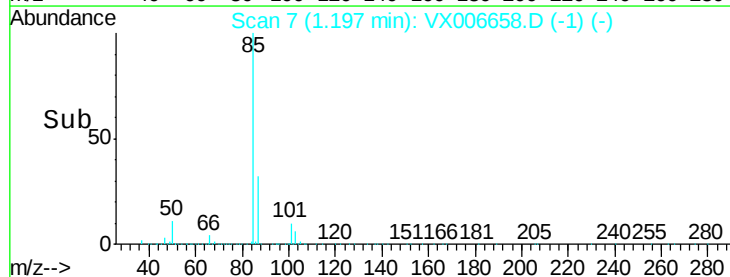


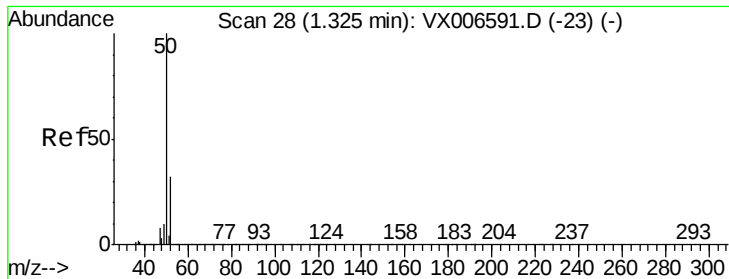
Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0



Time-->





#3

Chloromethane

Concen: 49.271 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX006658.D

Acq: 20 Dec 2018 00:44

Instrument :

MSVOA_X

ClientSampleId :

966-MW-04(23)MS

Tot Ion: 50 Resp: 269023

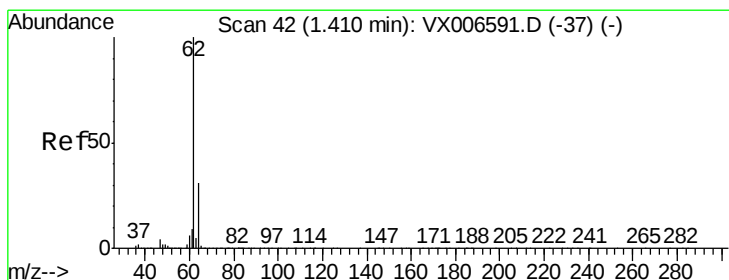
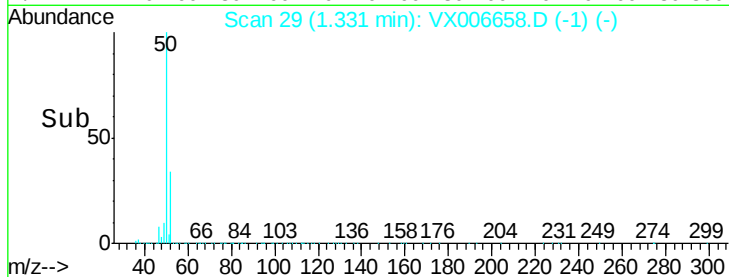
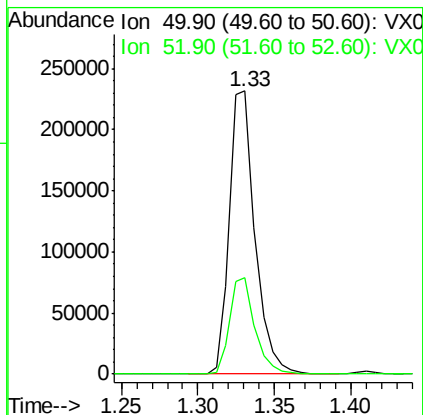
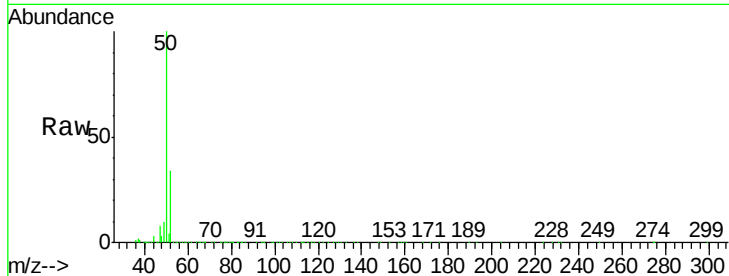
Ion Ratio Lower Upper

50 100

52 34.1 25.4 38.2

Manual Integrations
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12/20/2018 10:00:46 AM



#4

Vinyl Chloride

Concen: 50.553 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX006658.D

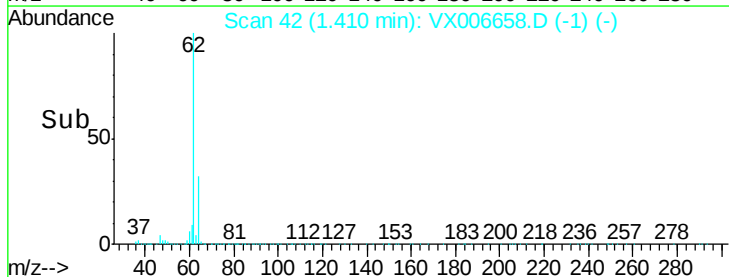
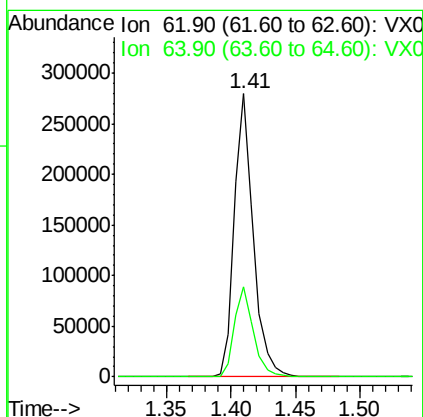
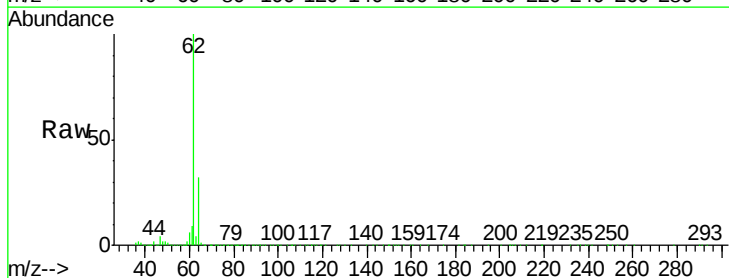
Acq: 20 Dec 2018 00:44

Tgt Ion: 62 Resp: 288281

Ion Ratio Lower Upper

62 100

64 31.8 25.1 37.7





#5

Bromomethane

Concen: 52.564 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006658.D

Acq: 20 Dec 2018 00:44

Instrument :

MSVOA_X

ClientSampleId :

966-MW-04(23)MS

Tot Ion: 94 Resp: 279205

Ion Ratio Lower Upper

94 100

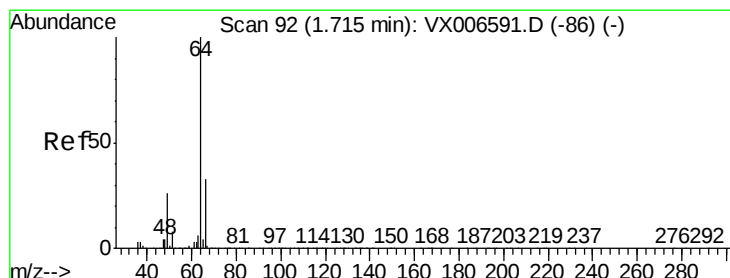
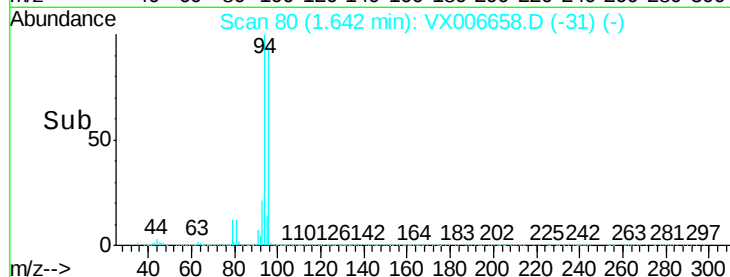
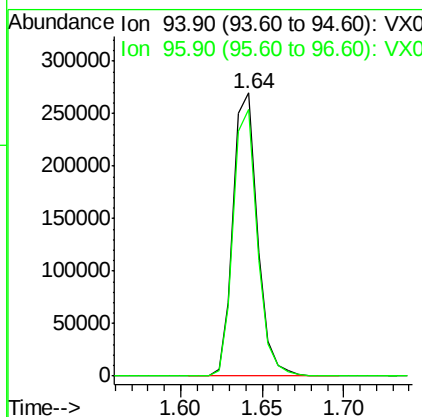
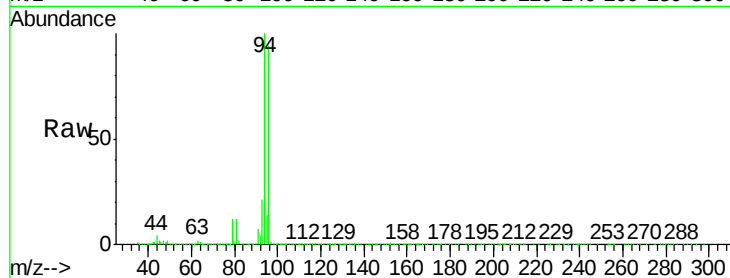
96 94.0 73.4 110.2

Manual Integrations

APPROVED

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12/20/2018 10:00:46 AM



#6

Chloroethane

Concen: 46.921 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX006658.D

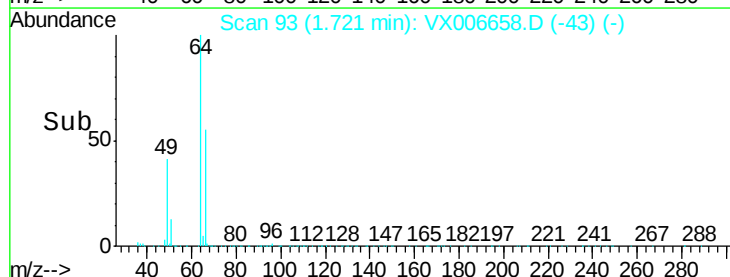
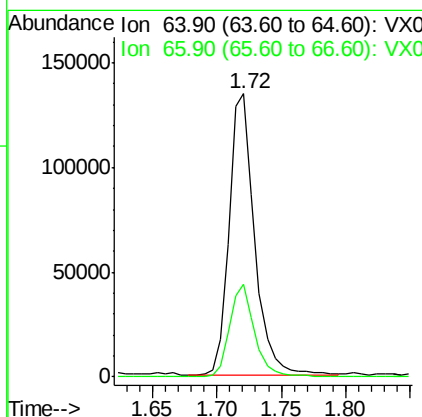
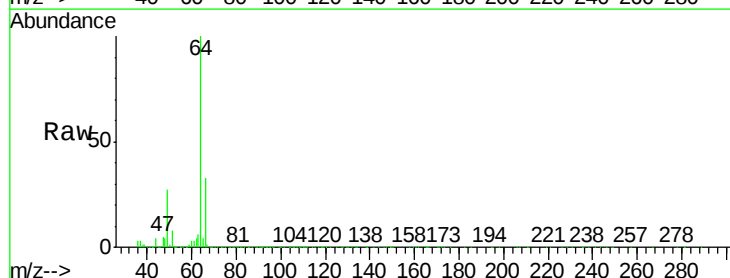
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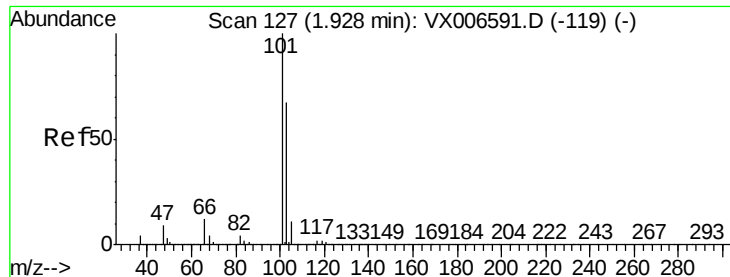
Tgt Ion: 64 Resp: 185268

Ion Ratio Lower Upper

64 100

66 33.0 26.4 39.6





#7

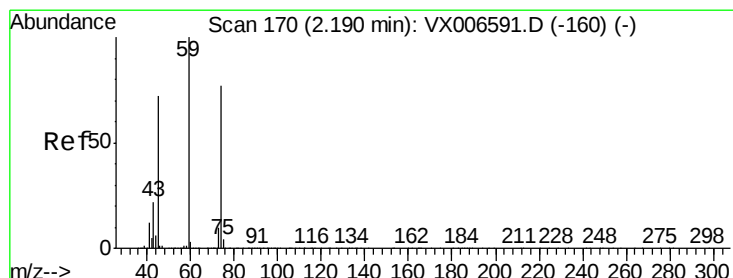
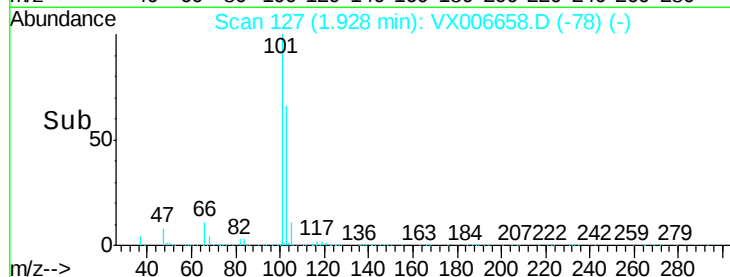
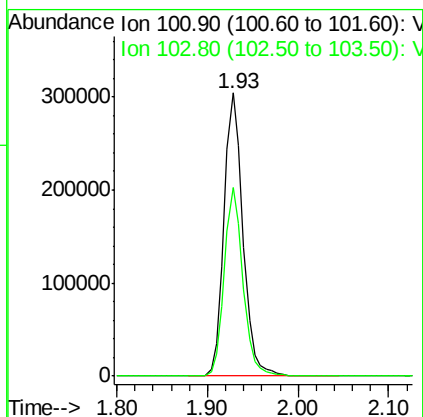
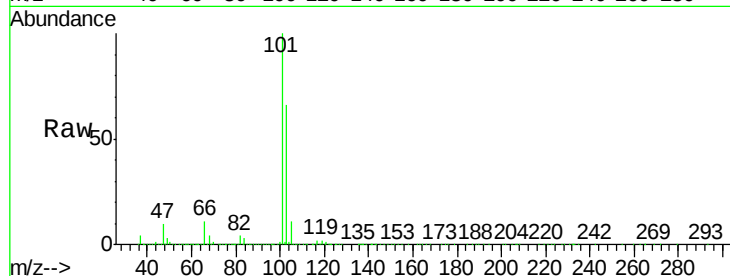
Trichlorofluoromethane
Concen: 49.853 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX006658.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	66.4	53.2	79.8

Manual Integrations
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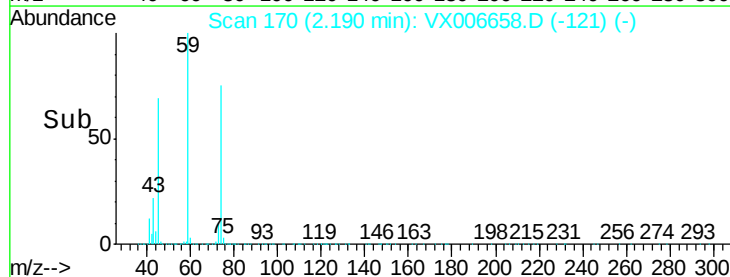
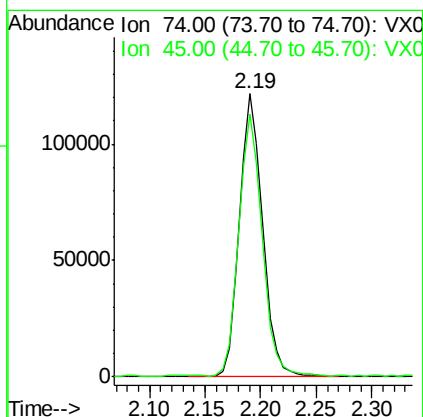
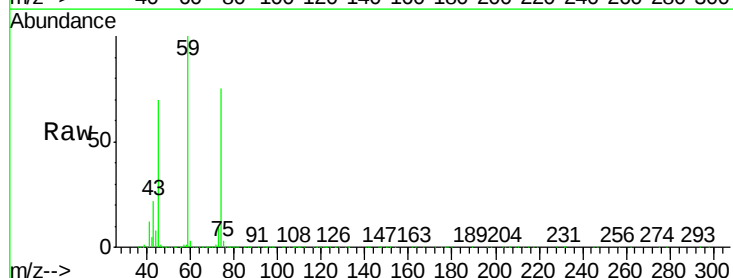
MMDadoda
12/20/2018 10:00:46 AM

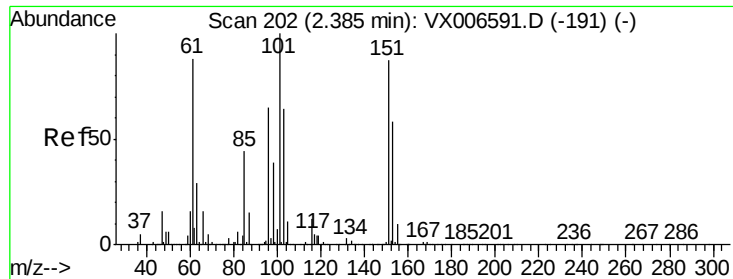


#8

Diethyl Ether
Concen: 49.653 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX006658.D
Acq: 20 Dec 2018 00:44

Tgt Ion	Ratio	Lower	Upper
74	100		
45	93.5	46.3	138.9





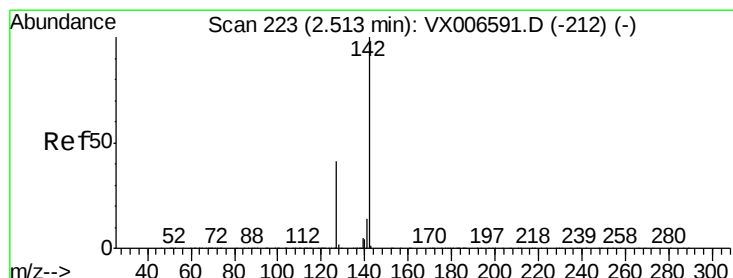
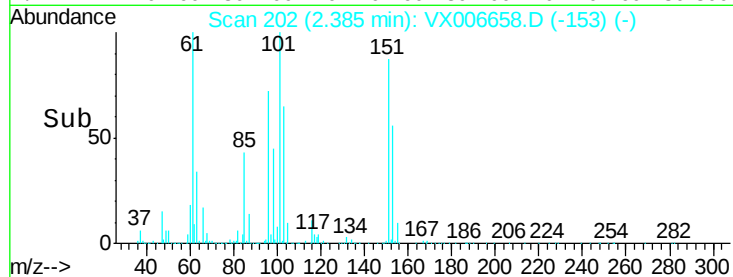
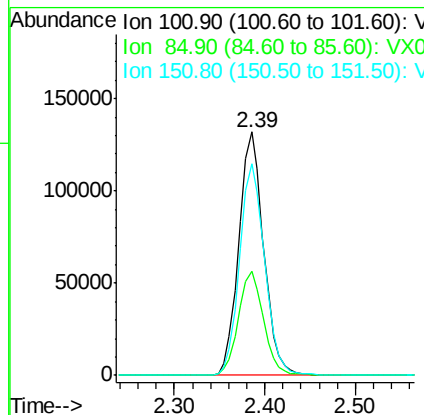
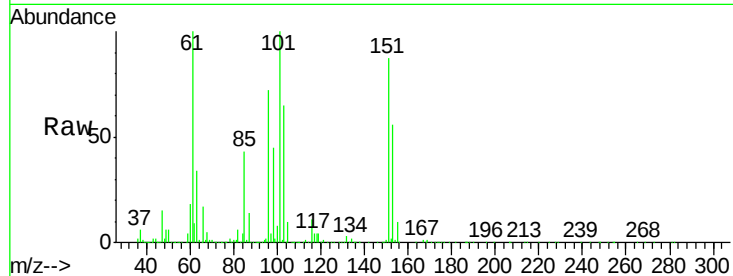
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.033 ug/l
RT: 2.39 min Scan# 202
Delta R.T. -0.00 min
Lab File: VX006658.D
Acq: 20 Dec 2018 00:44

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

Tot Ion	Ratio	Resp	Lower	Upper
101	100	250746		
85	43.2		35.1	52.7
151	87.8		68.9	103.3

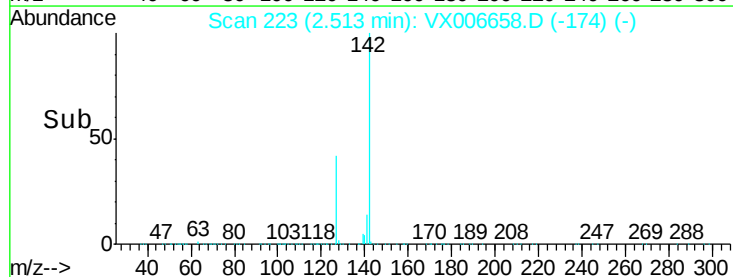
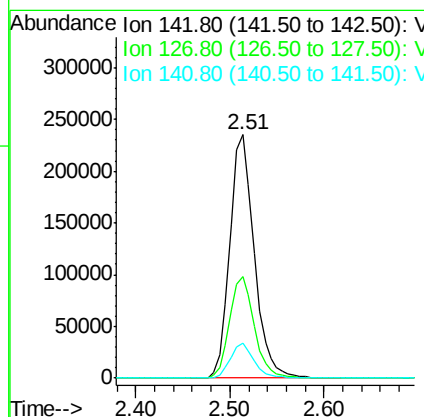
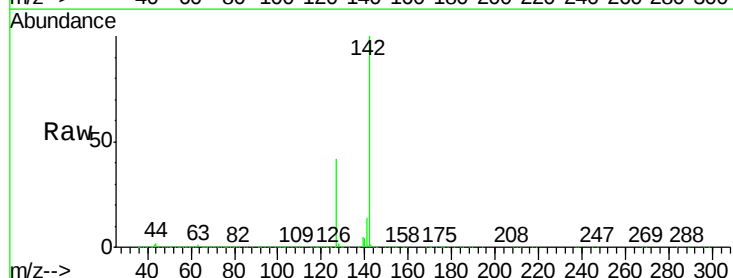
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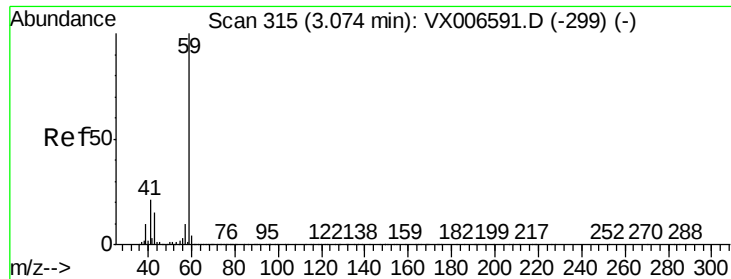
MMDadoda
12/20/2018 10:00:46 AM



#10
Methyl Iodide
Concen: 56.874 ug/l
RT: 2.51 min Scan# 223
Delta R.T. -0.00 min
Lab File: VX006658.D
Acq: 20 Dec 2018 00:44

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	424995		
127	42.2		33.9	50.9
141	13.9		11.4	17.0





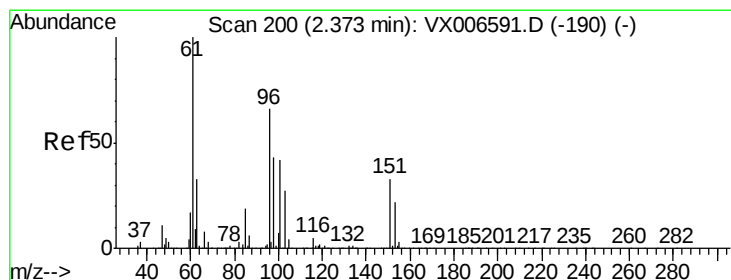
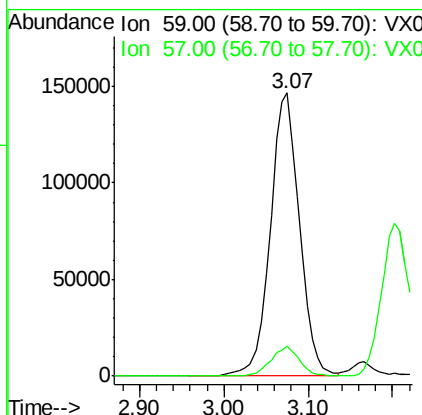
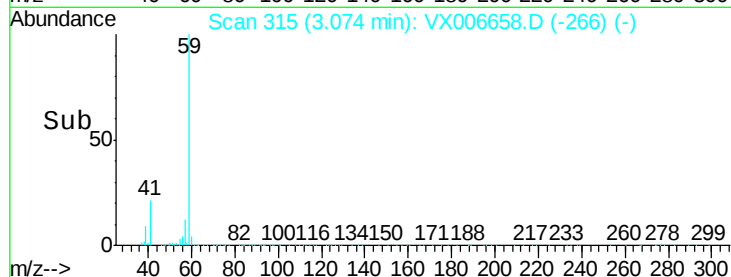
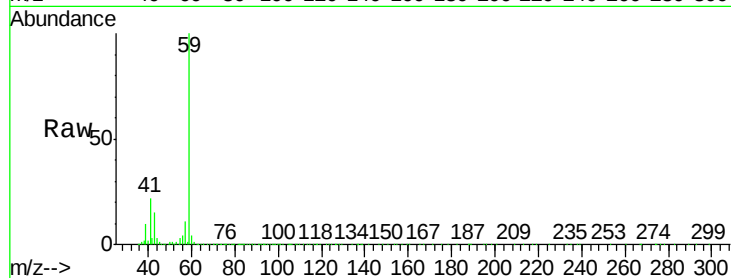
#11
Tert butyl alcohol
Concen: 262.724 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.00 min
Lab File: VX006658.D
Acq: 20 Dec 2018 00:44

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

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.5	12.7

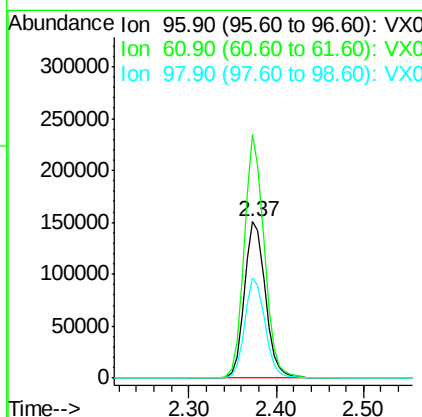
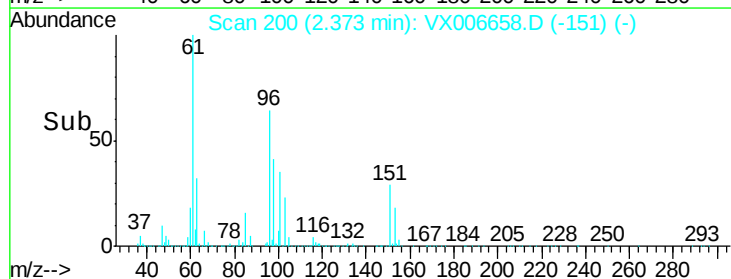
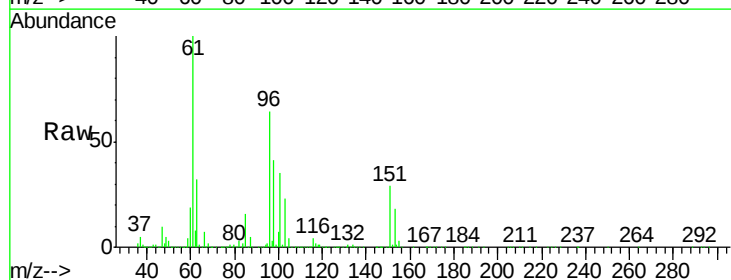
Manual Integrations
APPROVED

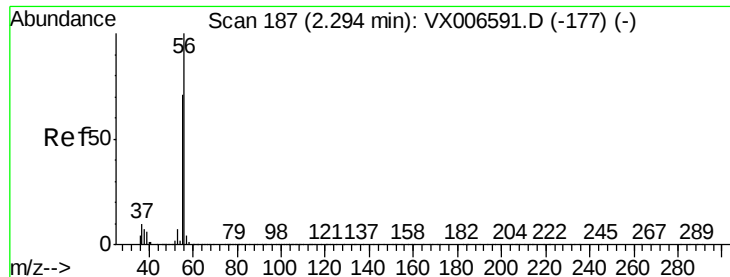
MMDadoda
12/20/2018 10:00:46 AM



#12
1,1-Dichloroethene
Concen: 50.662 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX006658.D
Acq: 20 Dec 2018 00:44

Tgt Ion	Ratio	Lower	Upper
96	100		
61	155.6	121.4	182.2
98	64.3	51.9	77.9





#13

Acrolein

Concen: 218.874 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX006658.D

Acq: 20 Dec 2018 00:44

Instrument :

MSVOA_X

ClientSampleId :

966-MW-04(23)MS

Tot Ion: 56 Resp: 196749

Ion Ratio Lower Upper

56 100

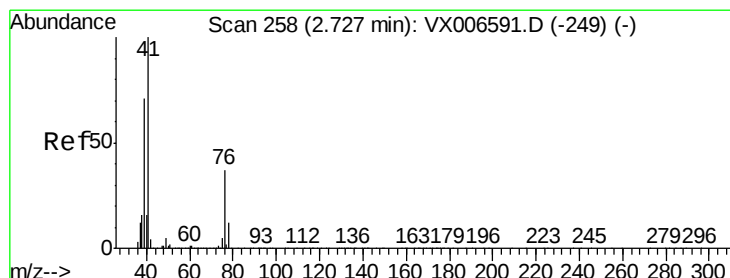
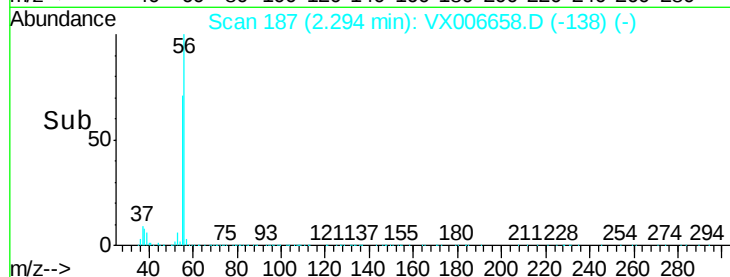
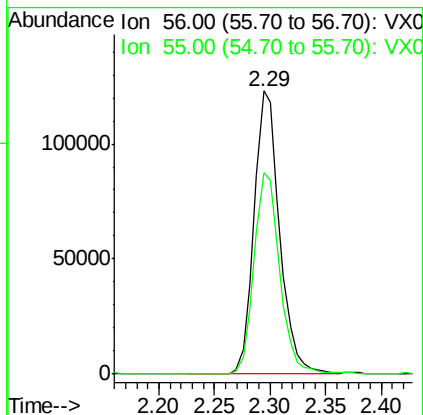
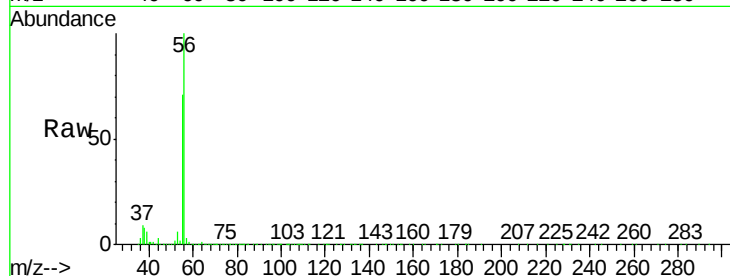
55 71.3 58.2 87.4

Manual Integrations

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#14

Allyl chloride

Concen: 50.177 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX006658.D

Acq: 20 Dec 2018 00:44

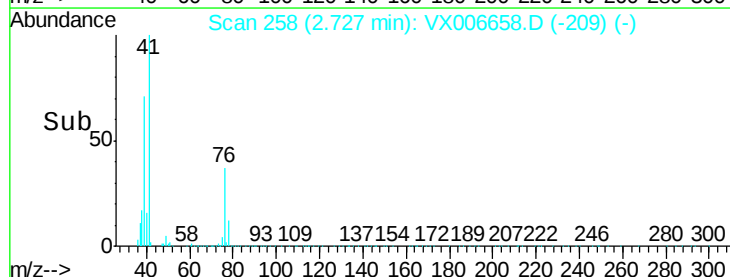
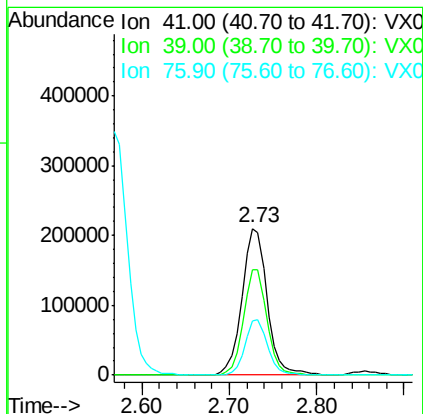
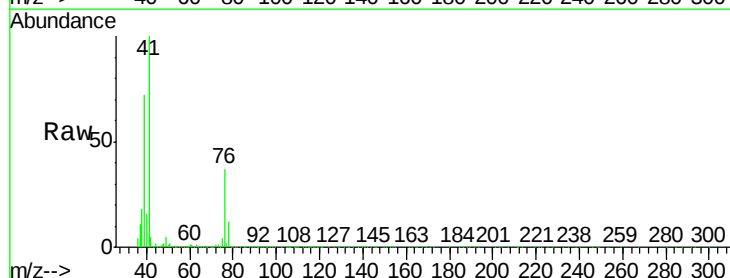
Tgt Ion: 41 Resp: 418055

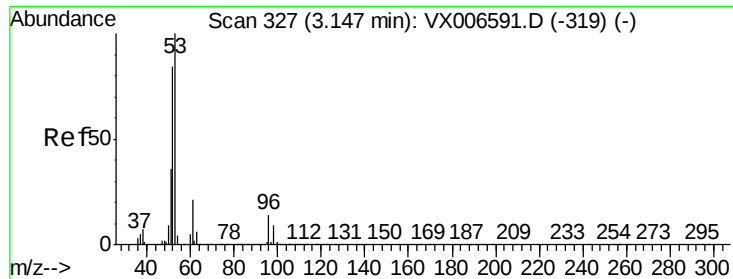
Ion Ratio Lower Upper

41 100

39 66.8 53.6 80.4

76 33.6 27.4 41.2





#15

Acrylonitrile

Concen: 267.017 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.01 min

Lab File: VX006658.D

Acq: 20 Dec 2018 00:44

Instrument :

MSVOA_X

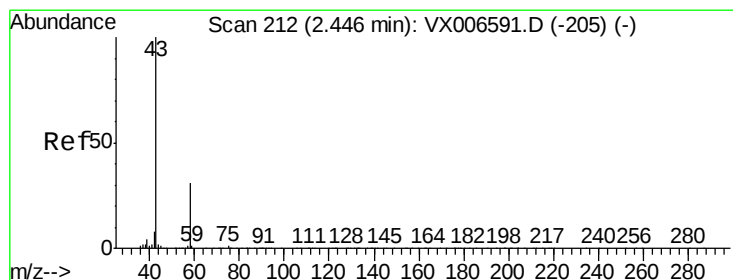
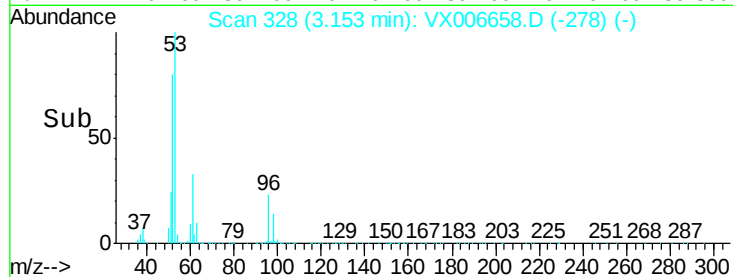
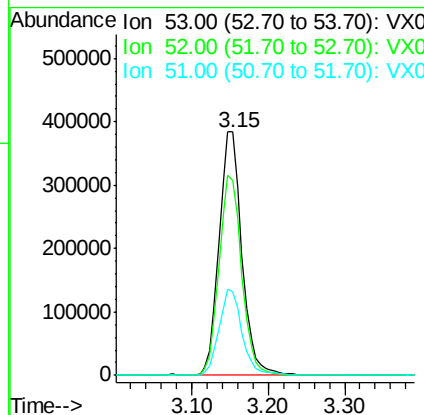
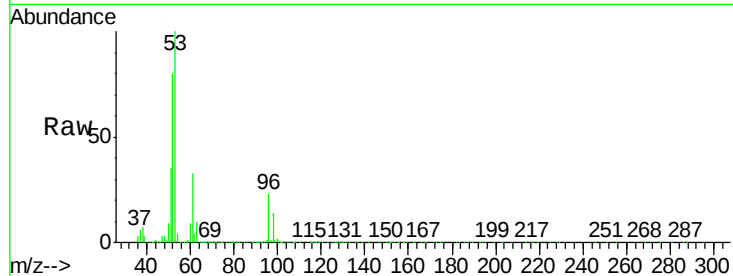
ClientSampleId :

966-MW-04(23)MS

Tot Ion:	53	Resp:	789990
Ion Ratio		Lower	Upper
53	100		
52	81.6	66.0	99.0
51	35.4	28.6	42.8

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#16

Acetone

Concen: 237.610 ug/l

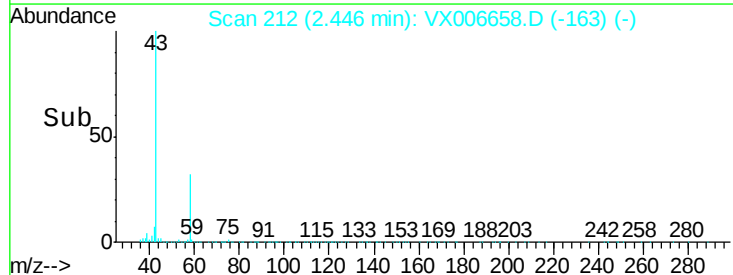
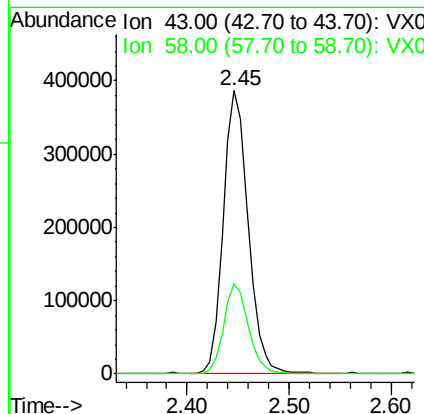
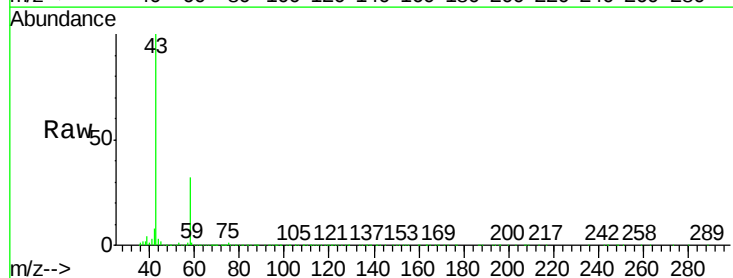
RT: 2.45 min Scan# 212

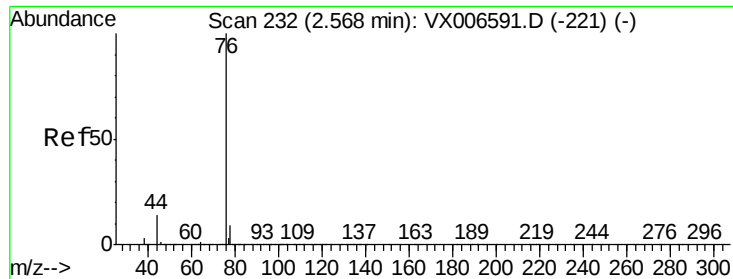
Delta R.T. -0.00 min

Lab File: VX006658.D

Acq: 20 Dec 2018 00:44

Tgt Ion:	43	Resp:	651798
Ion Ratio		Lower	Upper
43	100		
58	32.0	25.0	37.6





#17

Carbon Disulfide

Concen: 44.894 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX006658.D

Acq: 20 Dec 2018 00:44

Instrument :

MSVOA_X

ClientSampleId :

966-MW-04(23)MS

Tot Ion: 76 Resp: 588067

Ion Ratio Lower Upper

76 100

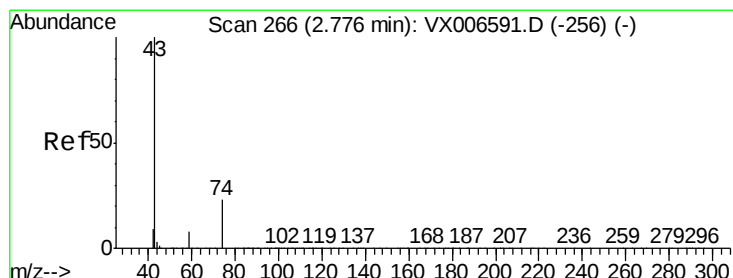
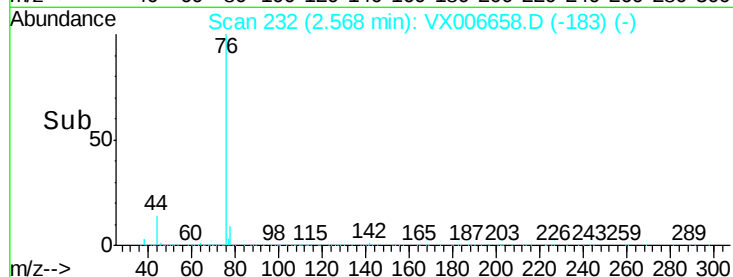
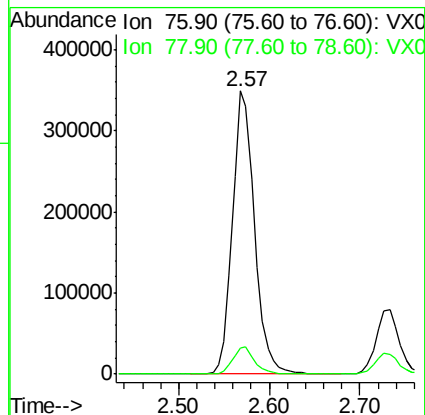
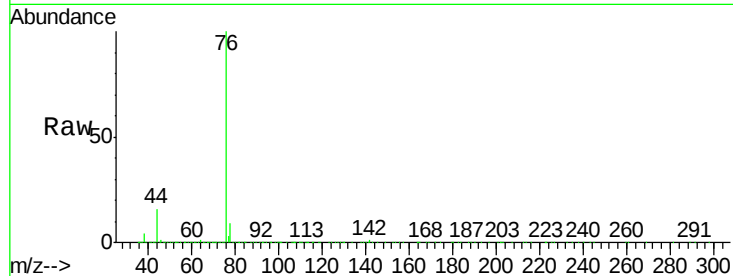
78 9.2 7.0 10.6

Manual Integrations

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#18

Methyl Acetate

Concen: 51.831 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX006658.D

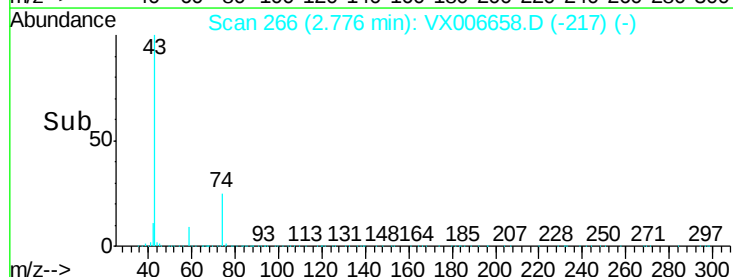
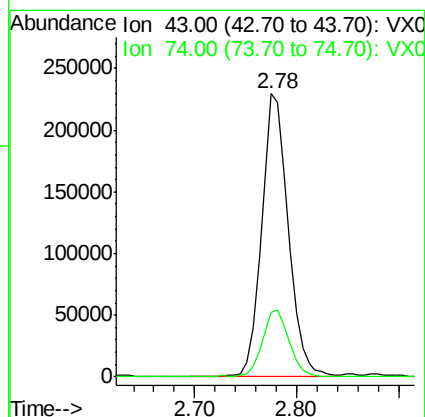
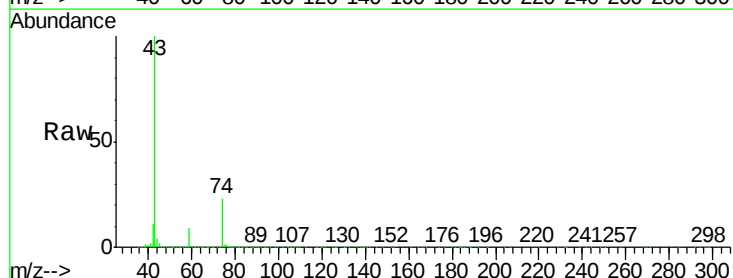
Acq: 20 Dec 2018 00:44

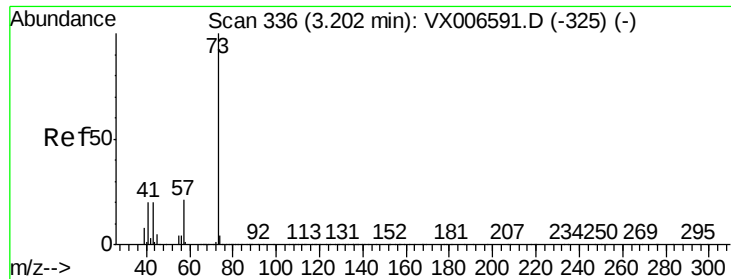
Tgt Ion: 43 Resp: 418073

Ion Ratio Lower Upper

43 100

74 24.3 18.6 28.0





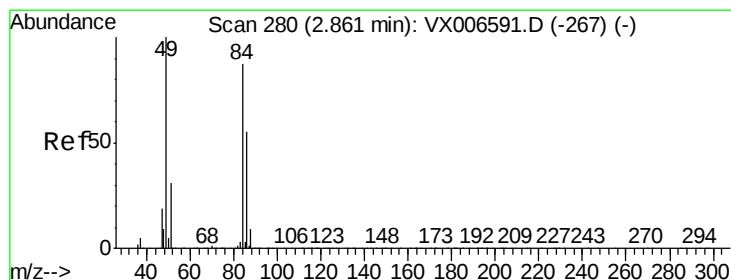
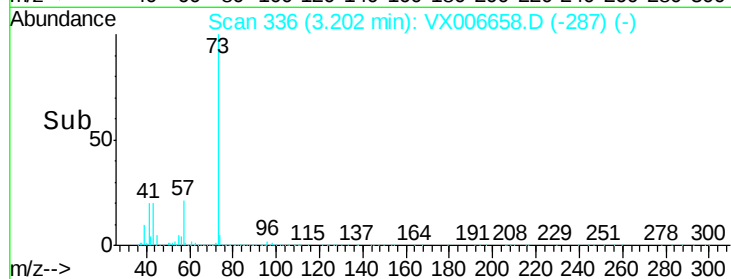
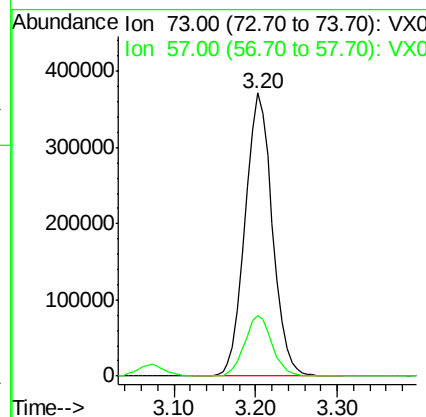
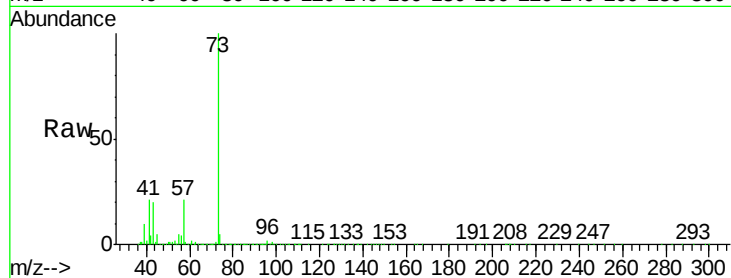
#19
Methvl tert-butvl Ether
Concen: 52.434 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX006658.D
Acq: 20 Dec 2018 00:44

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

Tot Ion	Ion	Ratio	Lower	Upper
73	73	100		
57	57	21.1	16.8	25.2

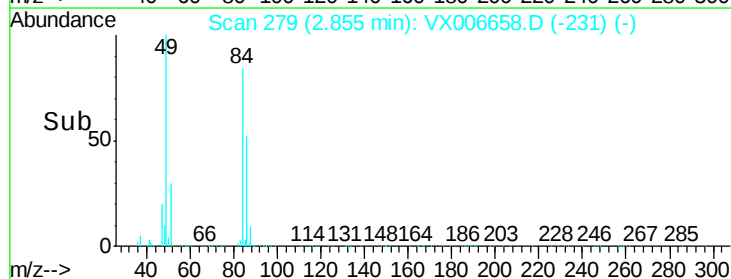
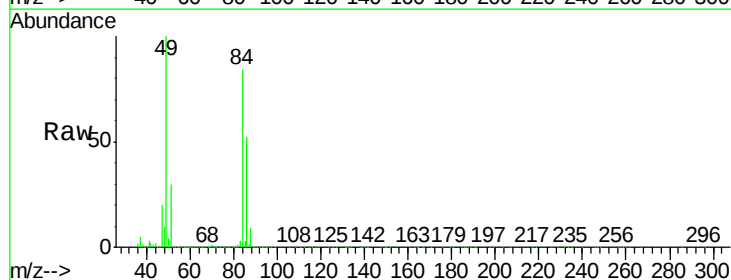
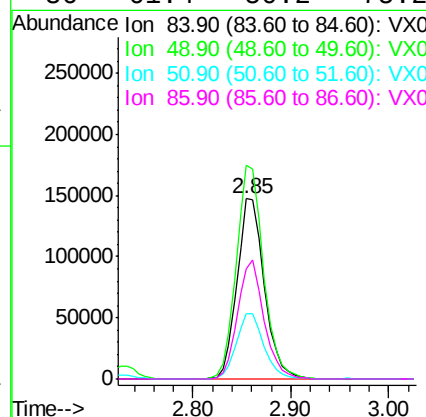
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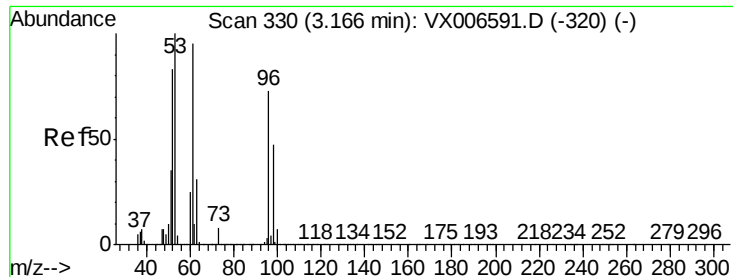
MMDadoda
12/20/2018 10:00:46 AM



#20
Methylene Chloride
Concen: 50.438 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX006658.D
Acq: 20 Dec 2018 00:44

Tgt Ion	Ion	Ratio	Lower	Upper
84	84	100		
49	49	118.3	91.8	137.6
51	51	35.9	28.5	42.7
86	86	61.4	50.2	75.2





#21

trans-1,2-Dichloroethene

Concen: 48.557 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX006658.D

Acq: 20 Dec 2018 00:44

Instrument :

MSVOA_X

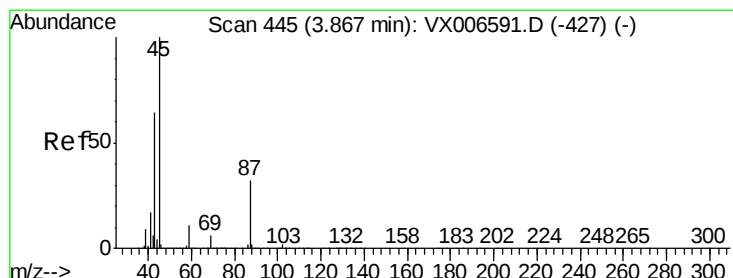
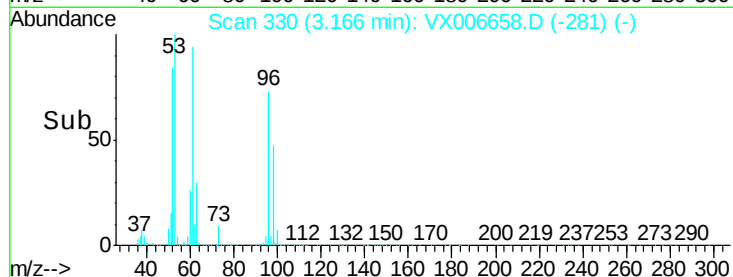
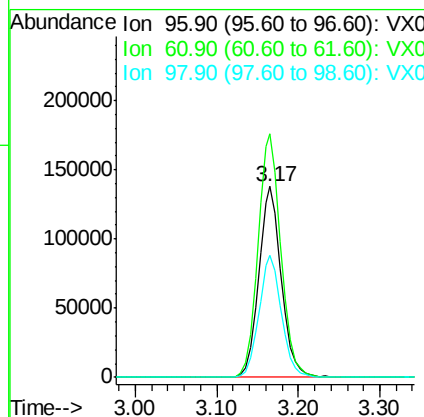
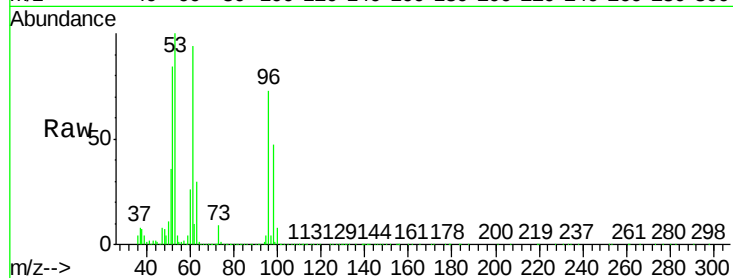
ClientSampleId :

966-MW-04(23)MS

Tot Ion:	96	Resp:	266305
Ion Ratio	Lower	Upper	
96	100		
61	127.4	103.7	155.5
98	63.8	51.0	76.6

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#22

Diisopropyl ether

Concen: 52.508 ug/l

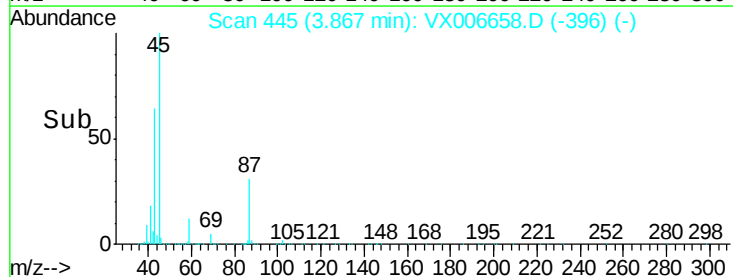
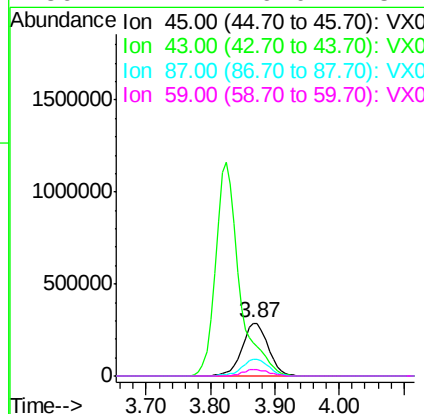
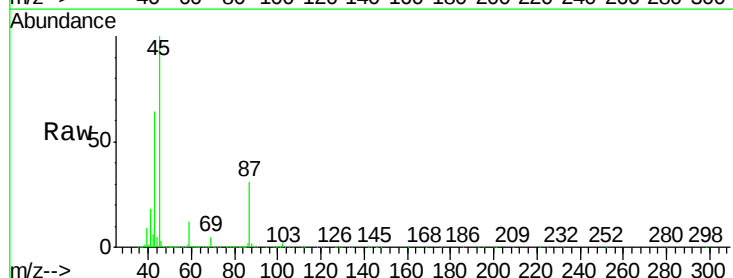
RT: 3.87 min Scan# 445

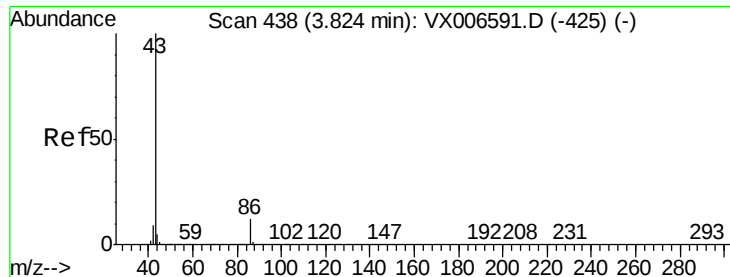
Delta R.T. -0.00 min

Lab File: VX006658.D

Acq: 20 Dec 2018 00:44

Tgt Ion:	45	Resp:	800344
Ion Ratio	Lower	Upper	
45	100		
43	63.6	51.2	76.8
87	31.4	25.8	38.6
59	12.2	9.0	13.4





#23

Vinyl Acetate

Concen: 241.499 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX006658.D

Acq: 20 Dec 2018 00:44

Instrument :

MSVOA_X

ClientSampleId :

966-MW-04(23)MS

Tot Ion: 43 Resp: 3010947

Ion Ratio Lower Upper

43 100

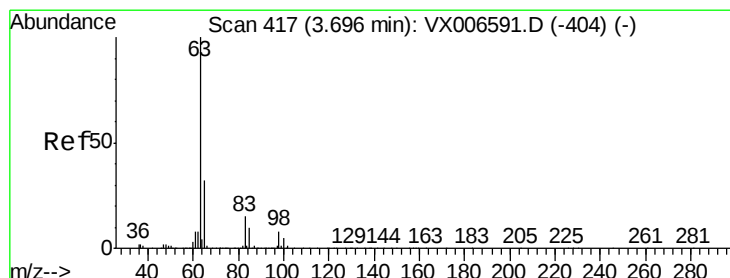
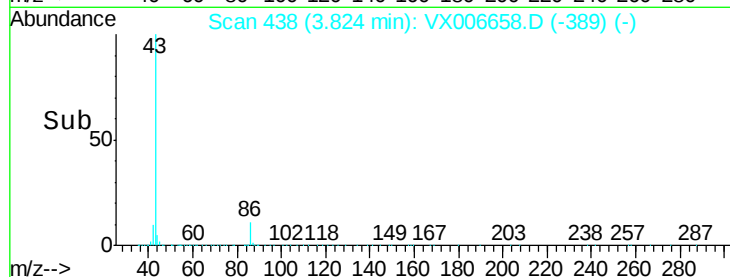
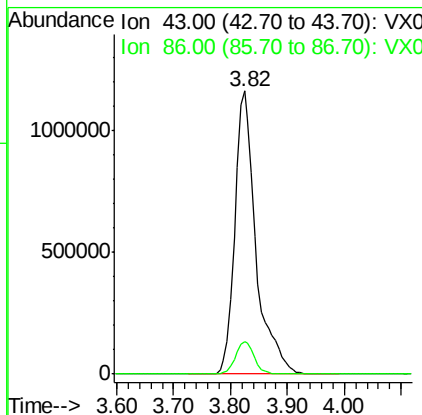
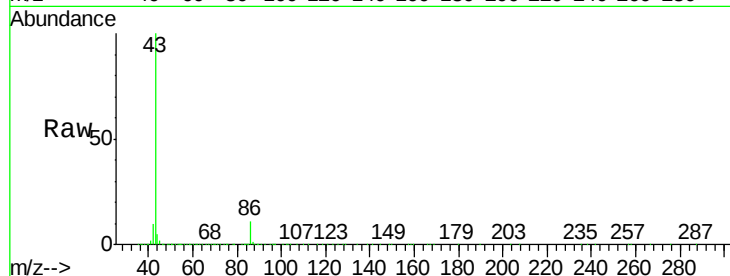
86 11.5 9.2 13.8

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 50.331 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX006658.D

Acq: 20 Dec 2018 00:44

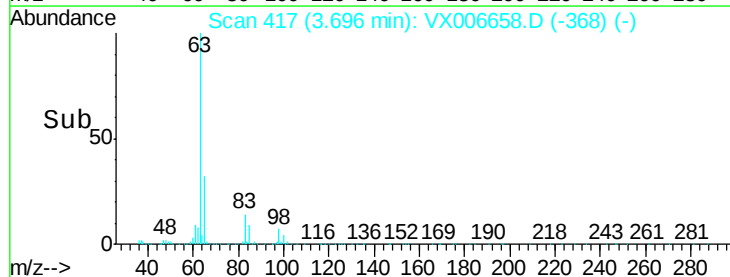
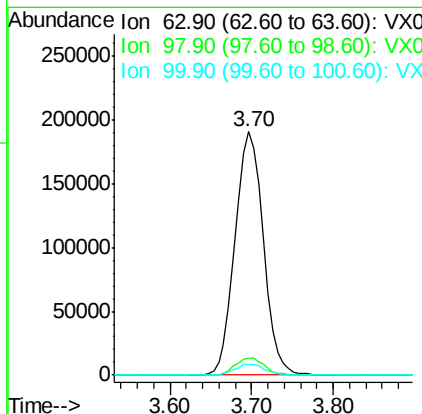
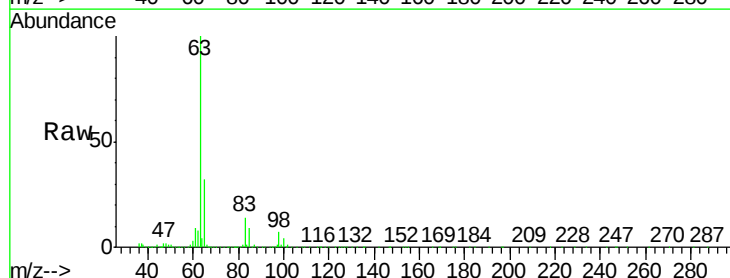
Tgt Ion: 63 Resp: 457963

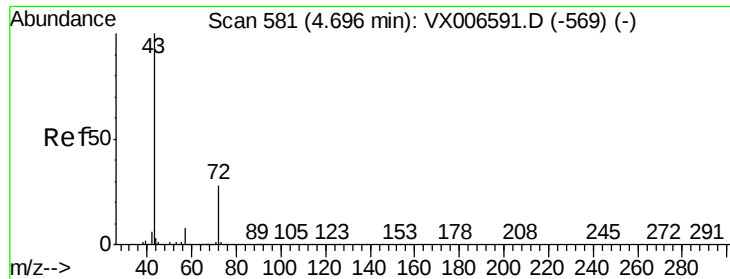
Ion Ratio Lower Upper

63 100

98 7.1 3.9 11.5

100 4.3 2.4 7.2





#25

2-Butanone

Concen: 255.695 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.00 min

Lab File: VX006658.D

Acq: 20 Dec 2018 00:44

Instrument :

MSVOA_X

ClientSampleId :

966-MW-04(23)MS

Tot Ion: 43 Resp: 986615

Ion Ratio Lower Upper

43 100

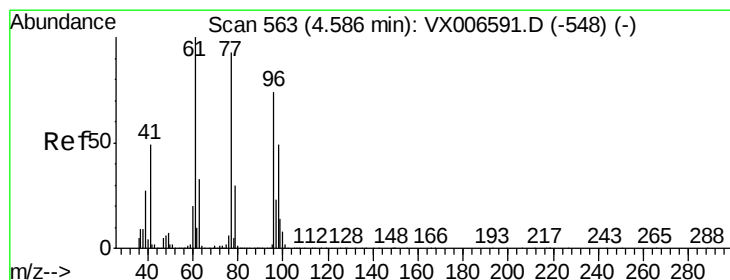
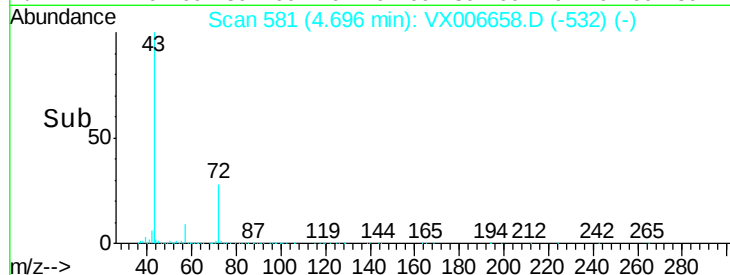
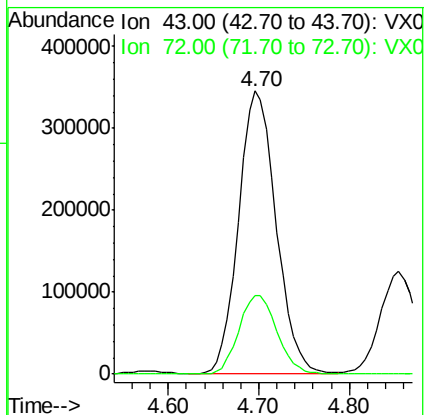
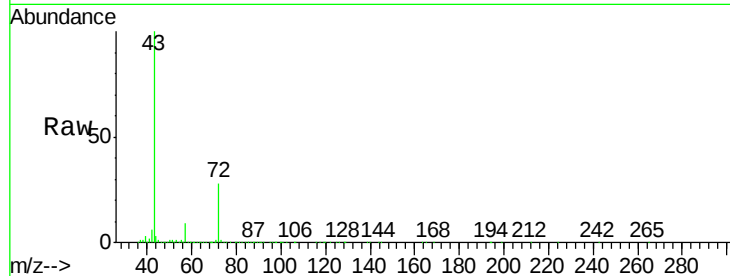
72 27.7 22.4 33.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 40.340 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX006658.D

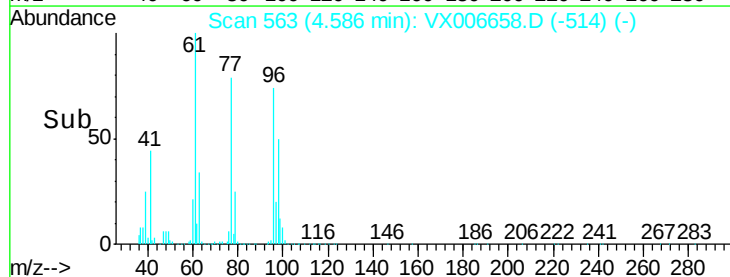
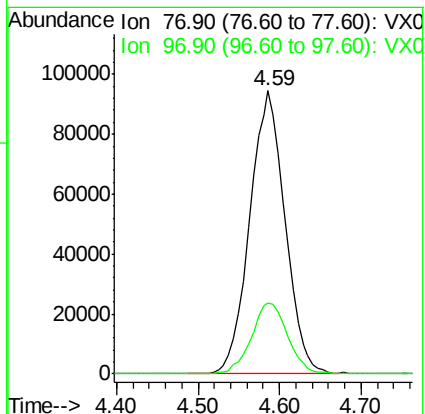
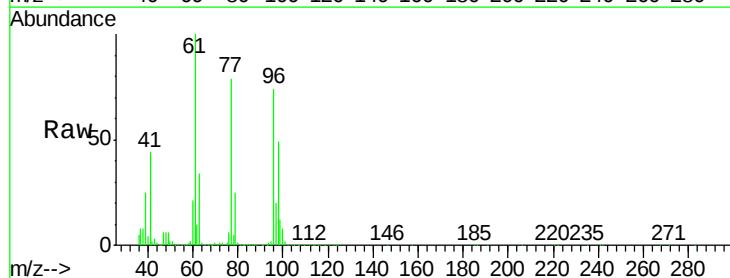
Acq: 20 Dec 2018 00:44

Tgt Ion: 77 Resp: 283530

Ion Ratio Lower Upper

77 100

97 26.0 12.4 37.4





#27

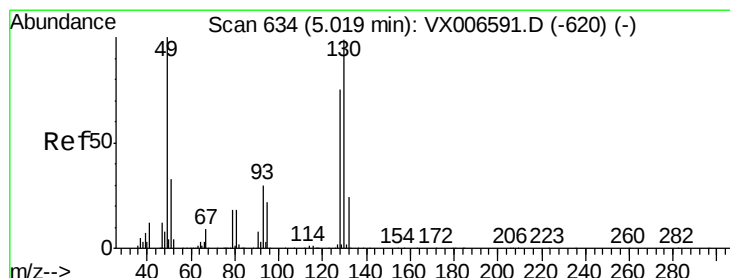
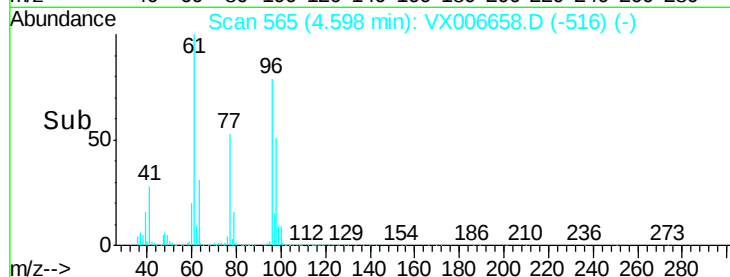
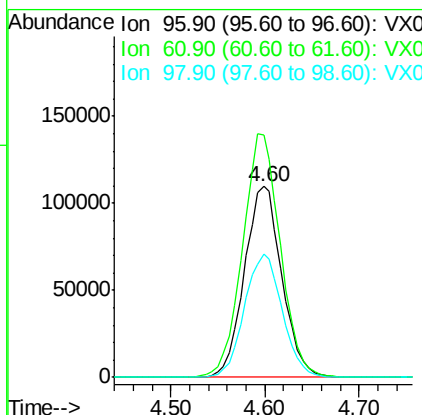
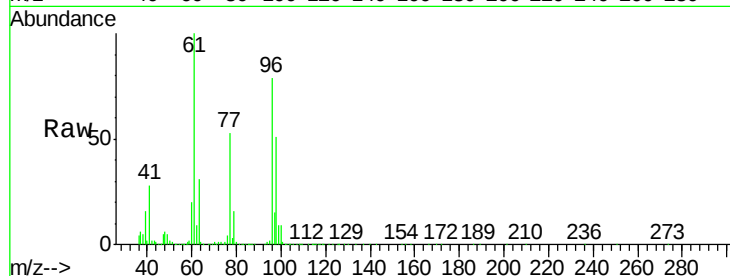
cis-1,2-Dichloroethene
Concen: 50.553 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX006658.D
Acq: 20 Dec 2018 00:44

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

Tot Ion	Ratio	Resp	Lower	Upper
96	100	305896		
61	128.5		0.0	258.6
98	65.3		0.0	132.0

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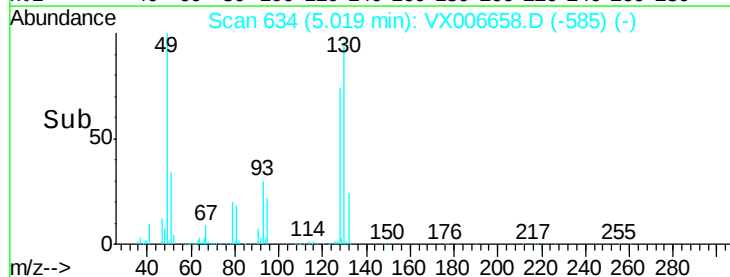
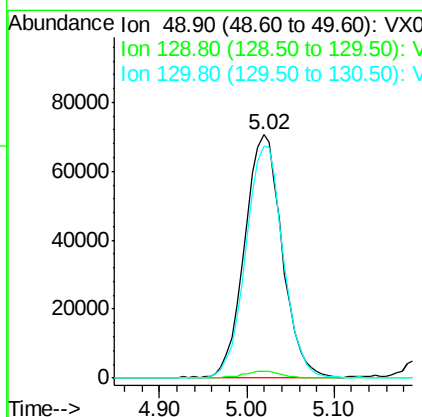
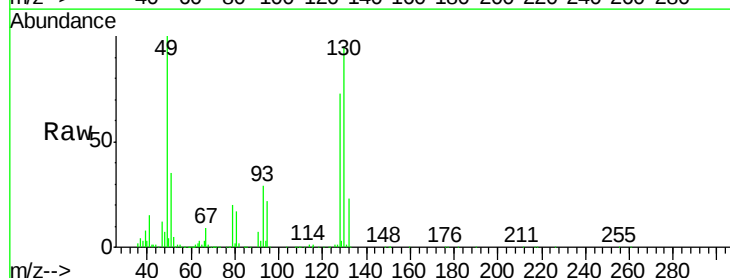
MMDadoda
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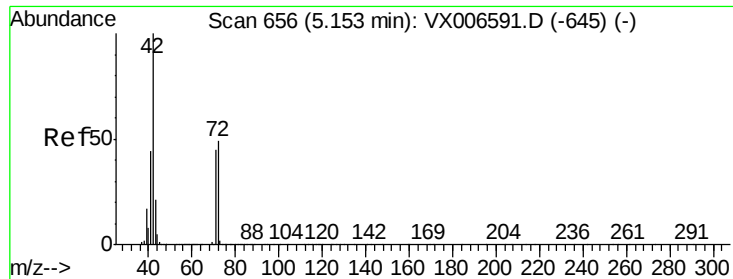


#28

Bromochloromethane
Concen: 55.122 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX006658.D
Acq: 20 Dec 2018 00:44

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	210697		
129	2.8		0.0	5.4
130	95.0		77.7	116.5





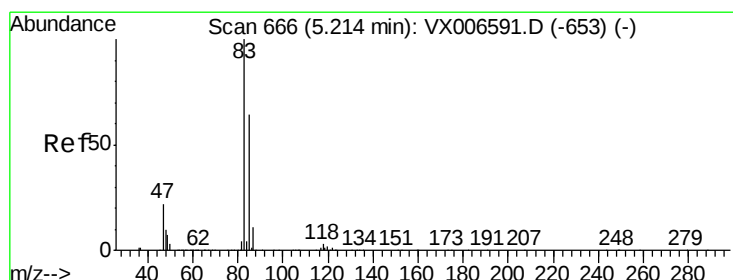
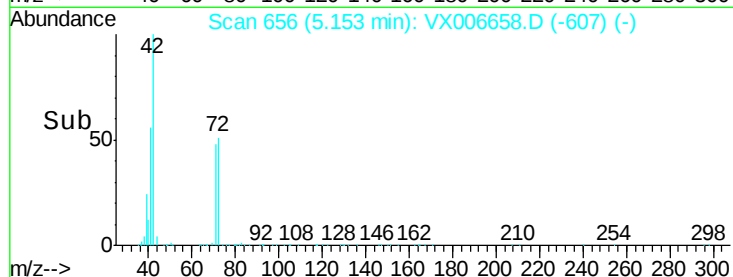
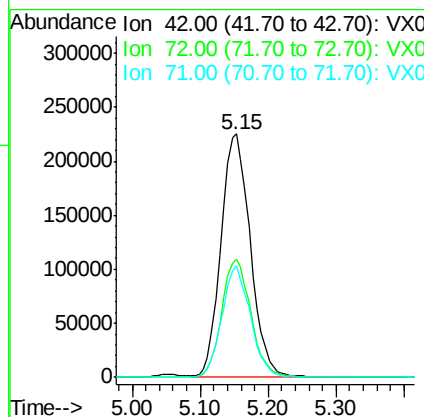
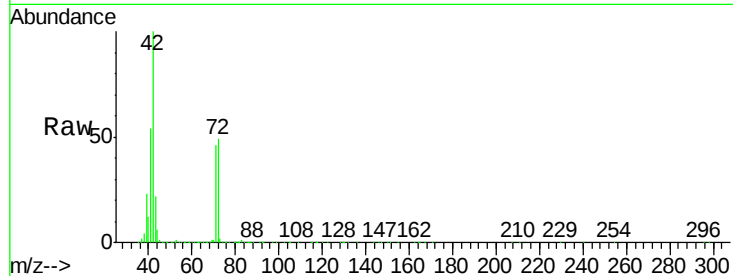
#29
Tetrahydrofuran
Concen: 264.008 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX006658.D
Acq: 20 Dec 2018 00:44

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

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.4	38.9	58.3
71	44.8	36.2	54.4

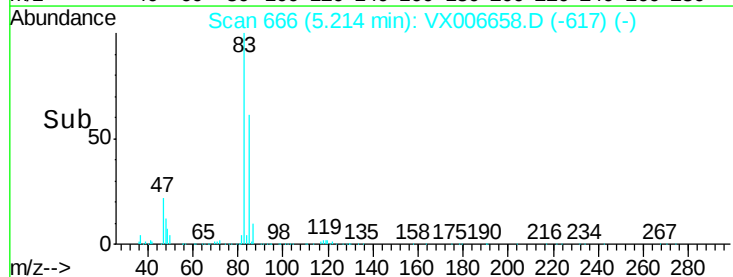
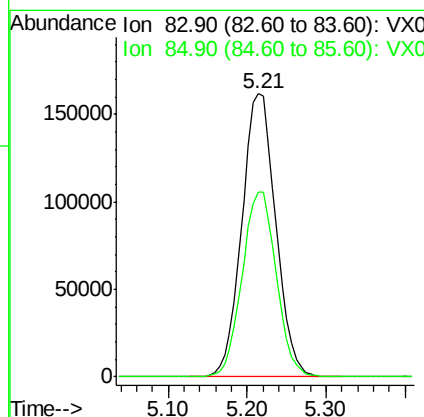
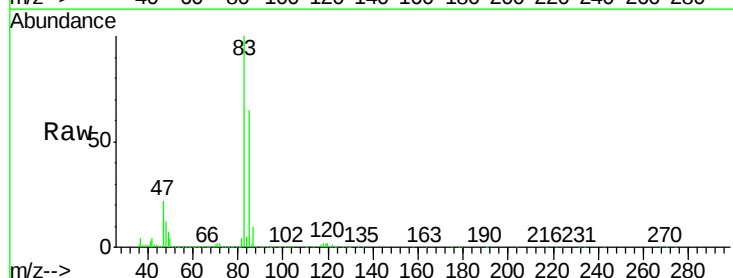
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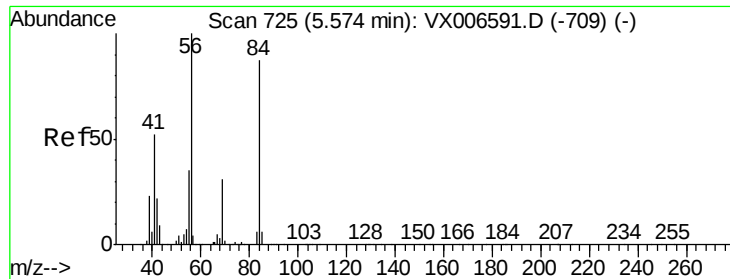
MMDadoda
12/20/2018 10:00:46 AM



#30
Chloroform
Concen: 51.416 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX006658.D
Acq: 20 Dec 2018 00:44

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.4	51.2	76.8





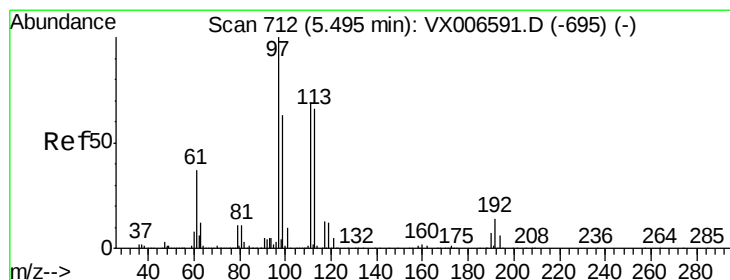
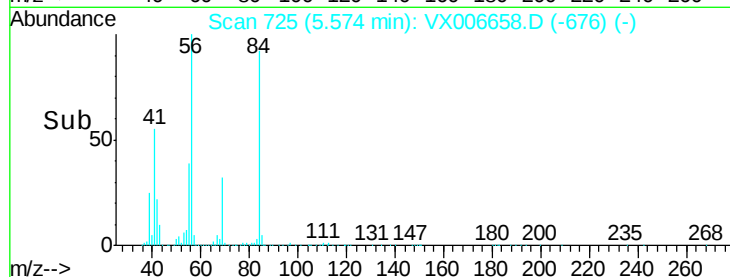
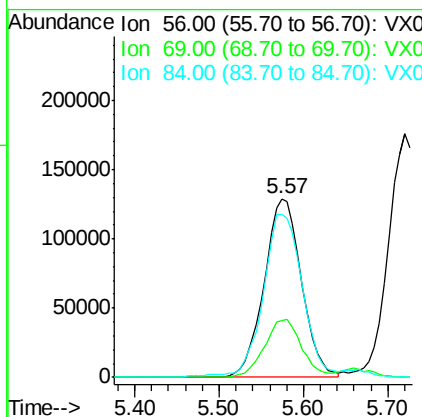
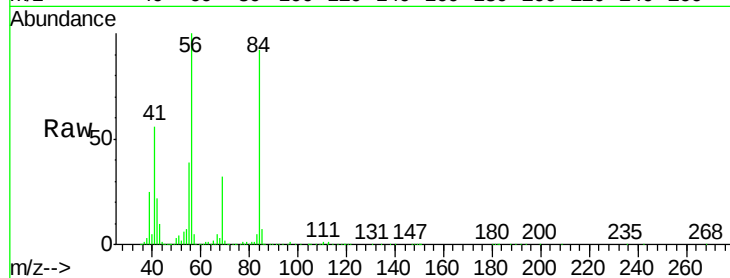
#31
Cyclohexane
Concen: 47.740 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX006658.D
Acq: 20 Dec 2018 00:44

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

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	31.8	24.4	36.6	
84	90.9	70.0	105.0	

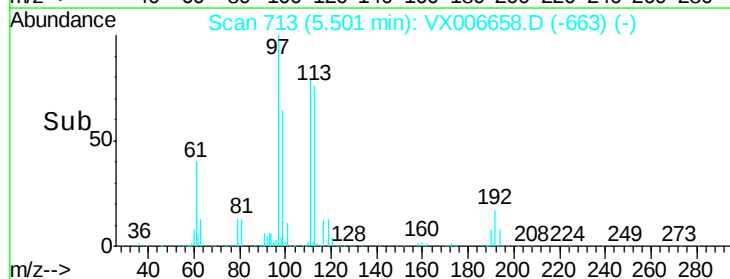
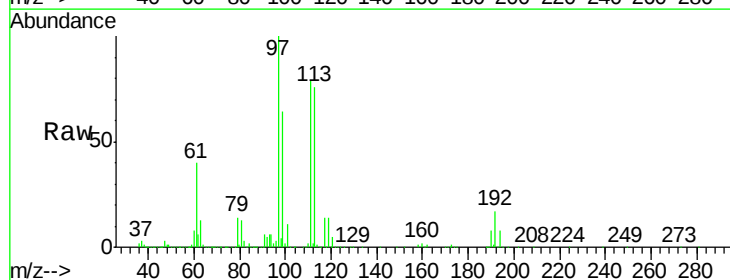
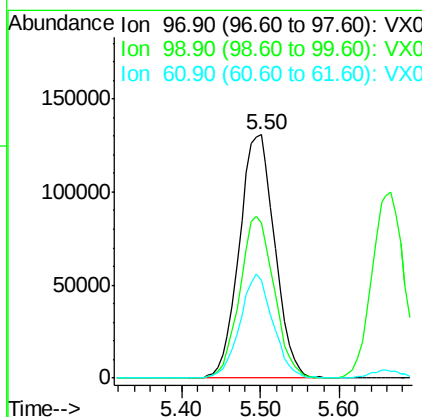
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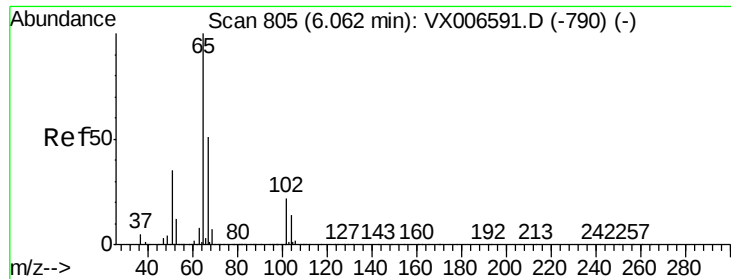
MMDadoda
12/20/2018 10:00:46 AM



#32
1,1,1-Trichloroethane
Concen: 51.411 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX006658.D
Acq: 20 Dec 2018 00:44

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	64.3	51.7	77.5	
61	39.6	31.3	46.9	





#33

1,2-Dichloroethane-d4

Concen: 52.450 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006658.D

Acq: 20 Dec 2018 00:44

Instrument :

MSVOA_X

ClientSampleId :

966-MW-04(23)MS

Tot Ion: 65 Resp: 313162

Ion Ratio Lower Upper

65 100

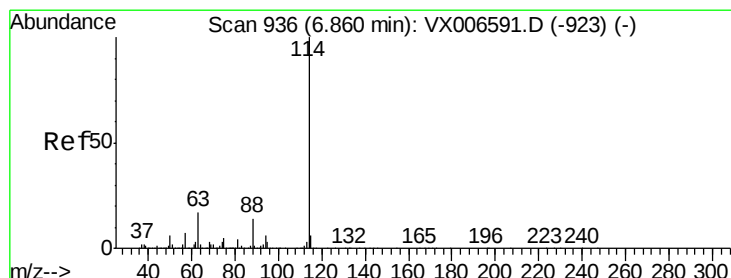
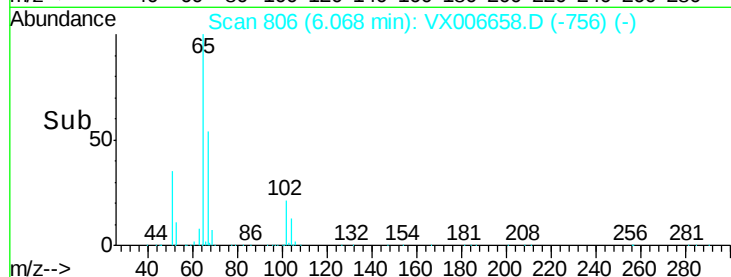
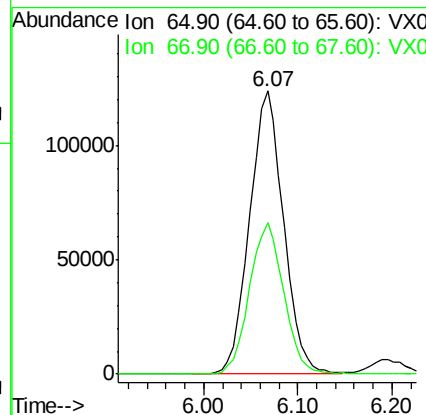
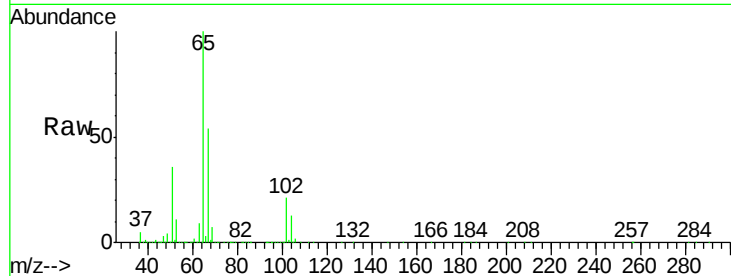
67 53.9 0.0 105.0

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006658.D

Acq: 20 Dec 2018 00:44

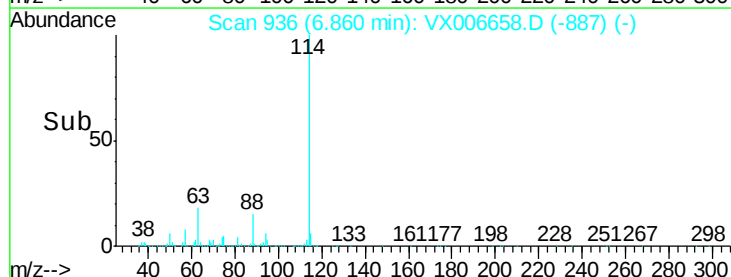
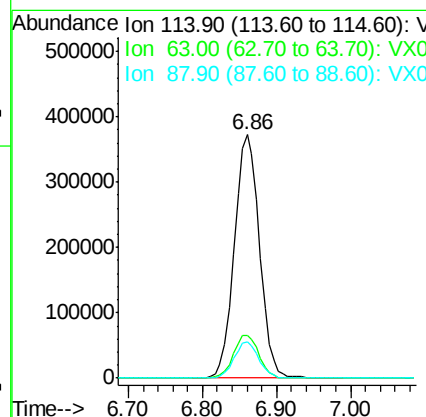
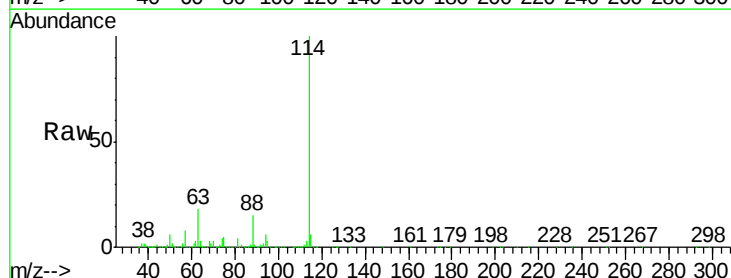
Tgt Ion: 114 Resp: 879261

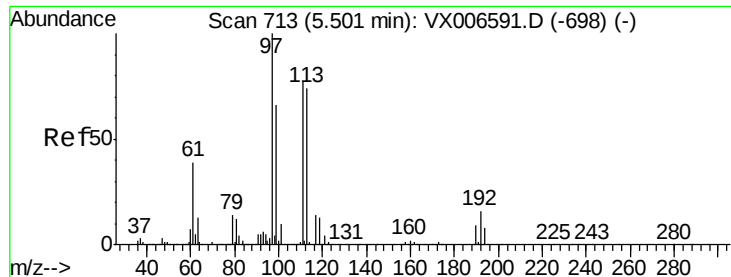
Ion Ratio Lower Upper

114 100

63 17.7 0.0 34.8

88 15.0 0.0 28.8





#35

Dibromofluoromethane

Concen: 51.336 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX006658.D

Acq: 20 Dec 2018 00:44

Instrument :

MSVOA_X

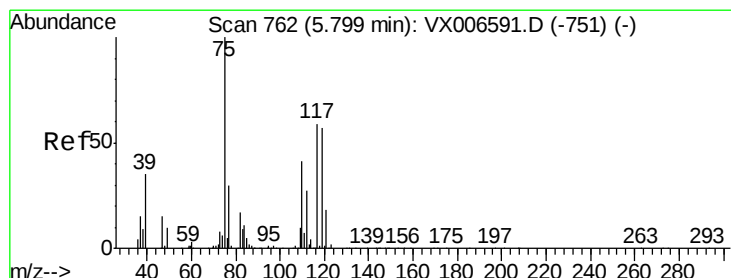
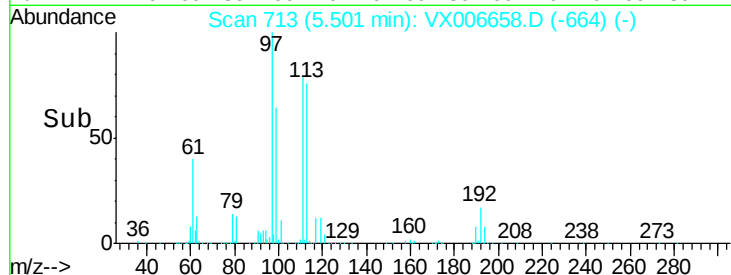
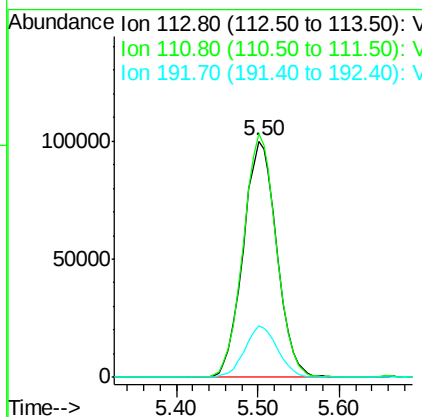
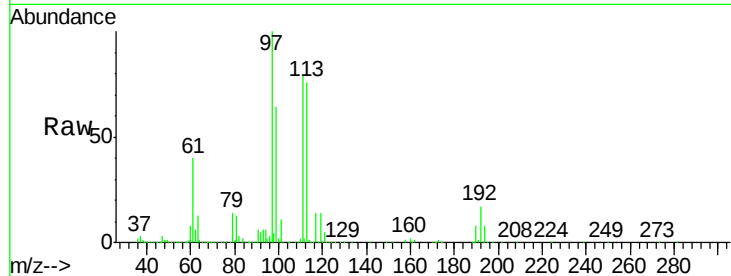
ClientSampleId :

966-MW-04(23)MS

Tot Ion:	113	Resp:	285445
Ion Ratio	Lower	Upper	
113	100		
111	101.9	81.6	122.4
192	21.3	16.7	25.1

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#36

1,1-Dichloropropene

Concen: 47.606 ug/l

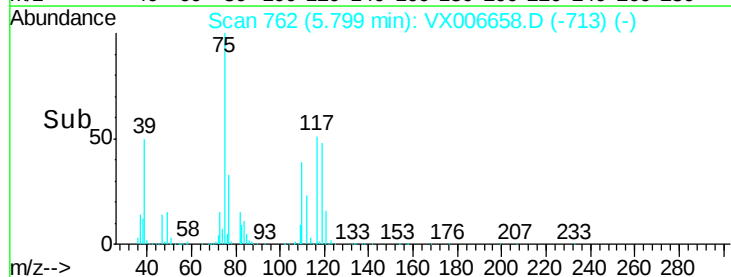
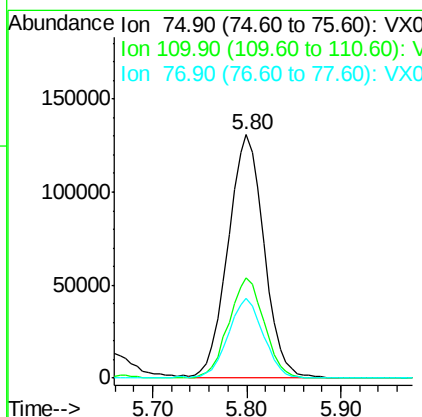
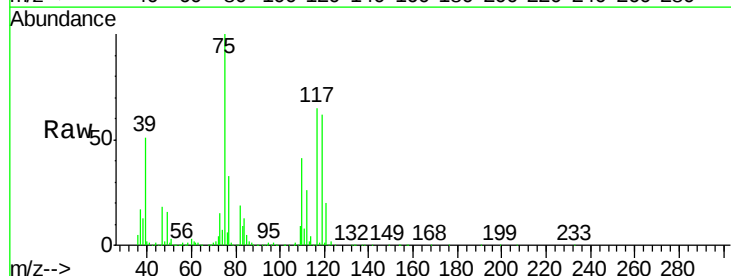
RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX006658.D

Acq: 20 Dec 2018 00:44

Tgt Ion:	75	Resp:	346680
Ion Ratio	Lower	Upper	
75	100		
110	40.8	20.2	60.5
77	31.8	24.8	37.2





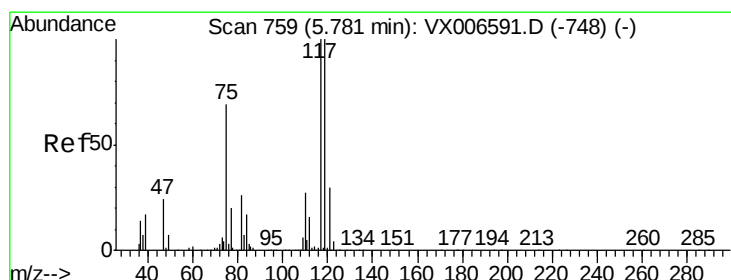
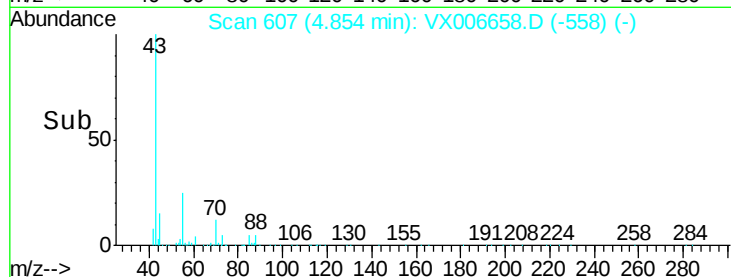
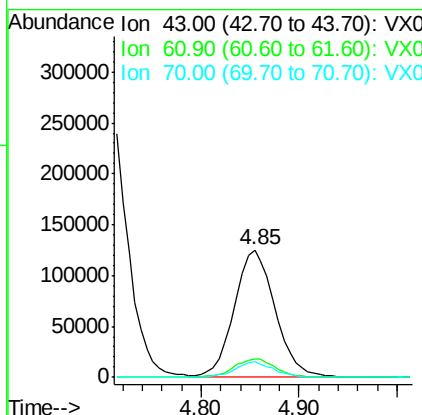
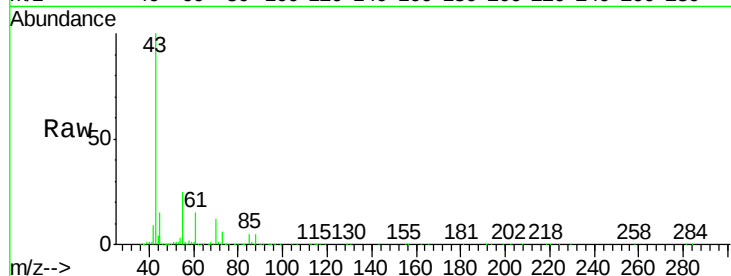
#37
Ethyl Acetate
Concen: 47.176 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX006658.D
Acq: 20 Dec 2018 00:44

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

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.6	11.9	17.9
70	11.7	9.7	14.5

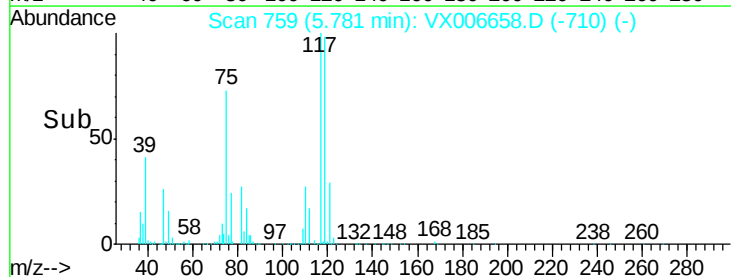
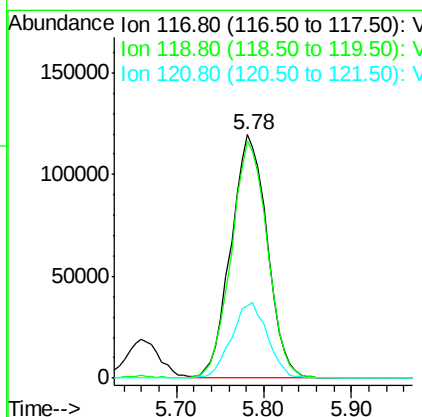
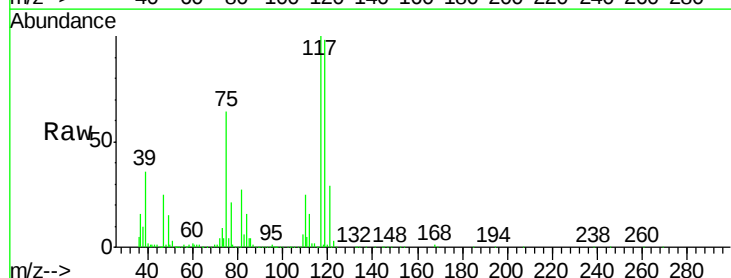
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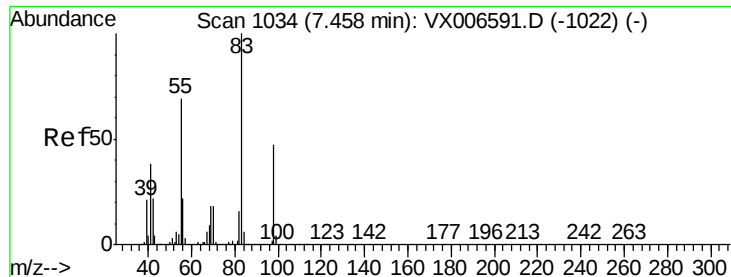
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#38
Carbon Tetrachloride
Concen: 48.742 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX006658.D
Acq: 20 Dec 2018 00:44

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.5	79.4	119.2
121	29.5	24.0	36.0





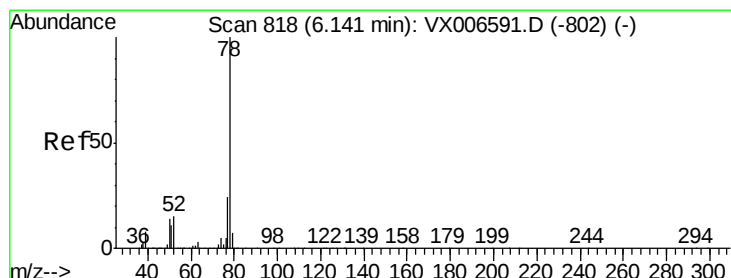
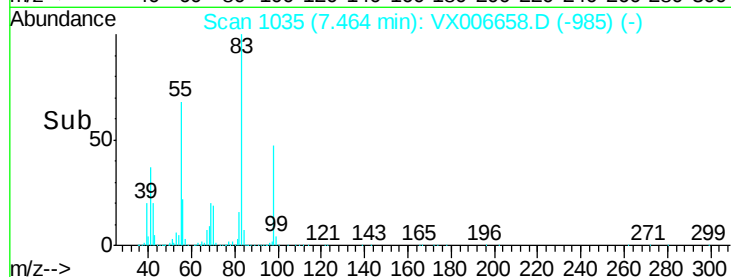
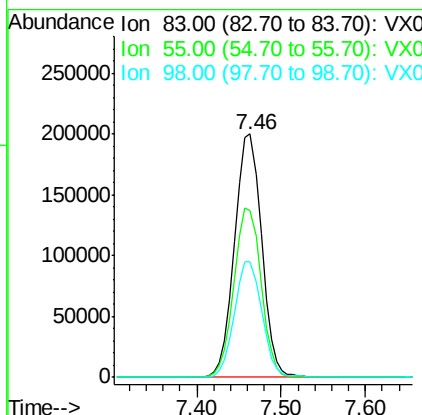
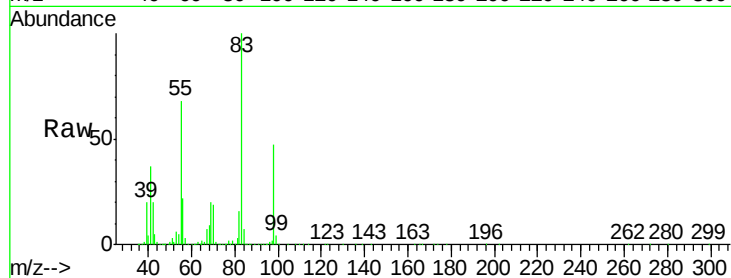
#39
Methylcyclohexane
Concen: 45.439 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX006658.D
Acq: 20 Dec 2018 00:44

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

Tot Ion	Ratio	Lower	Upper
83	100		
55	68.3	54.9	82.3
98	47.4	37.9	56.9

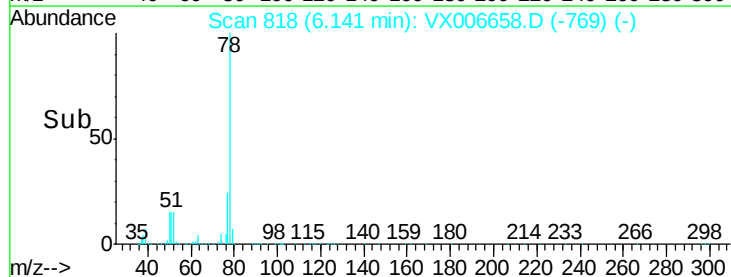
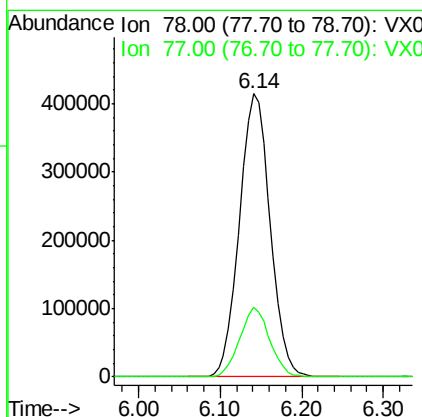
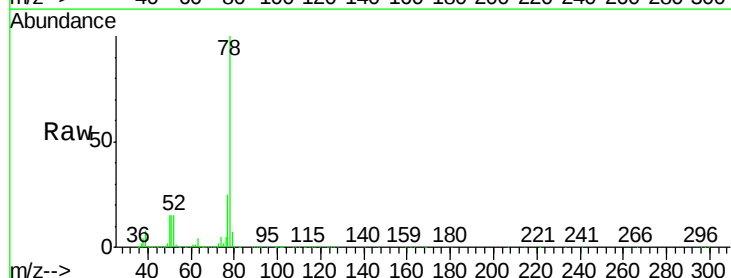
Manual Integrations
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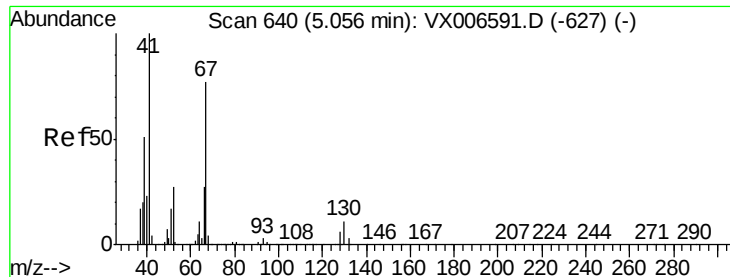
MMDadoda
12/20/2018 10:00:46 AM



#40
Benzene
Concen: 49.120 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX006658.D
Acq: 20 Dec 2018 00:44

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.7	19.2	28.8





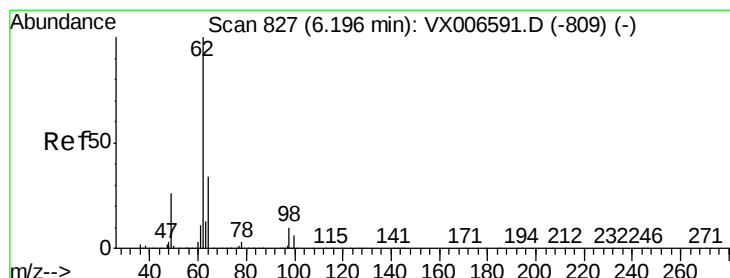
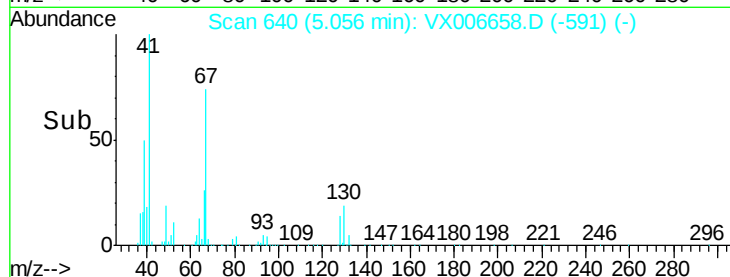
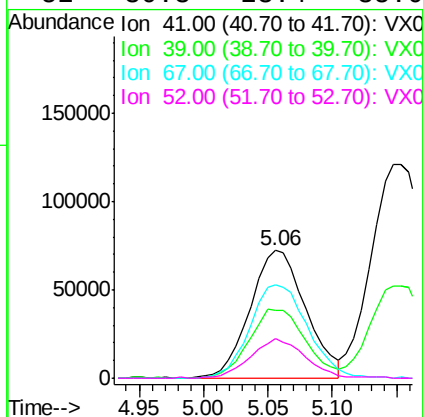
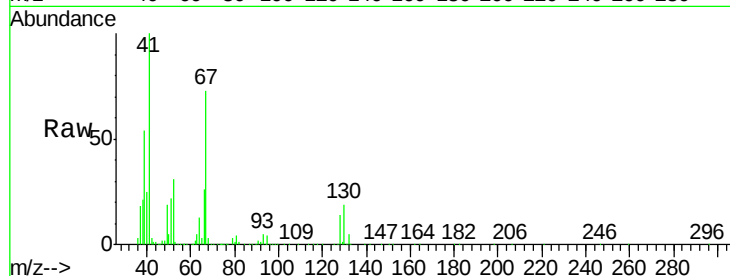
#41
Methacrylonitrile
Concen: 53.447 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.00 min
Lab File: VX006658.D
Acq: 20 Dec 2018 00:44

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		215078		
39	54.7	42.8	64.2		
67	76.6	62.1	93.1		
52	30.3	23.4	35.0		

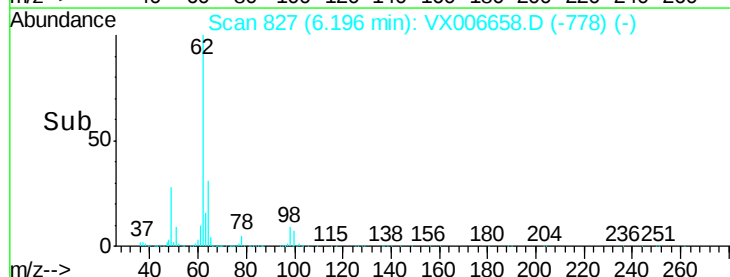
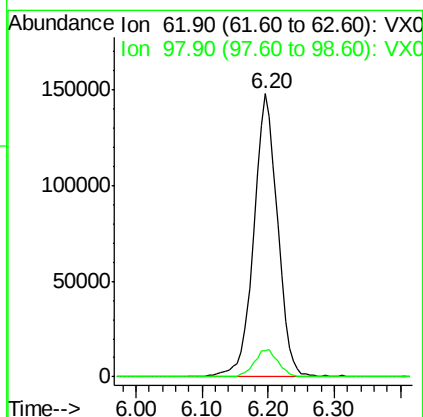
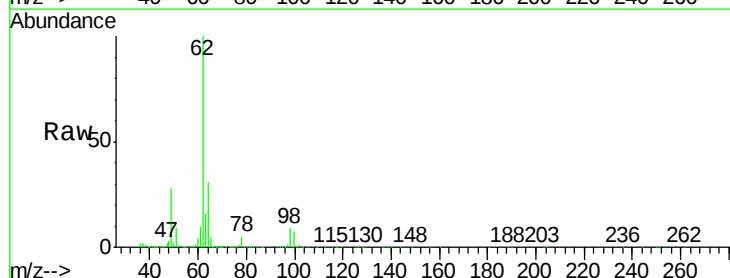
Manual Integrations
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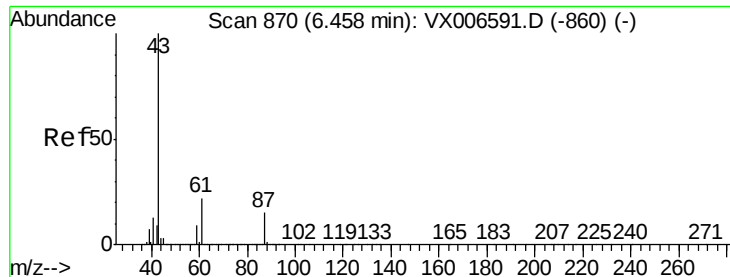
MMDadoda
12/20/2018 10:00:46 AM



#42
1,2-Dichloroethane
Concen: 49.281 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX006658.D
Acq: 20 Dec 2018 00:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		371720		
98	9.7	0.0	20.2		





#43

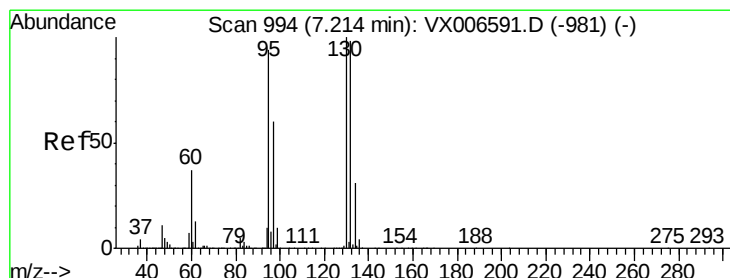
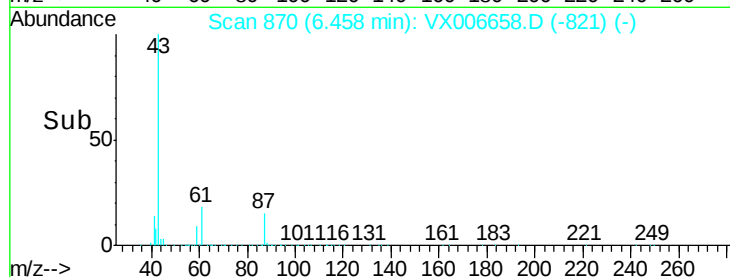
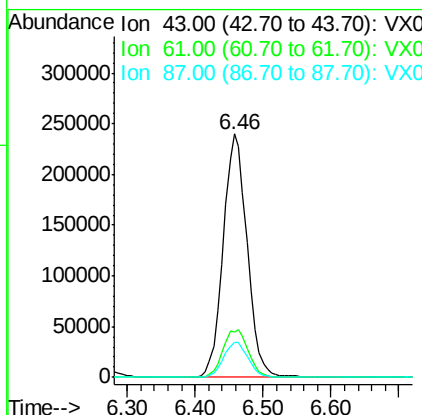
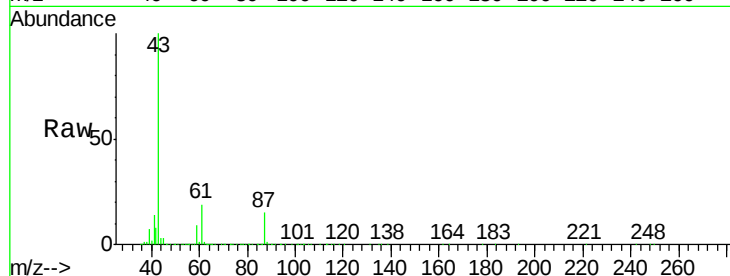
Isopropyl Acetate
 Concen: 50.367 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.00 min
 Lab File: VX006658.D
 Acq: 20 Dec 2018 00:44

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

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.9	16.8	25.2
87	14.9	12.4	18.6

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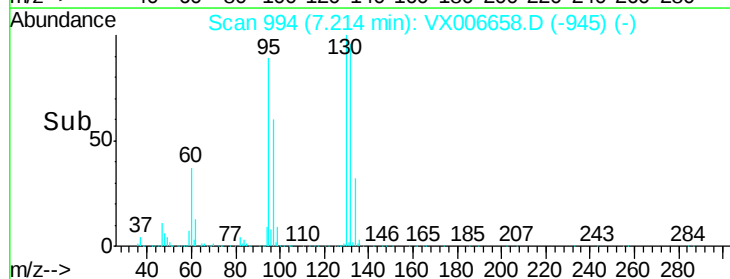
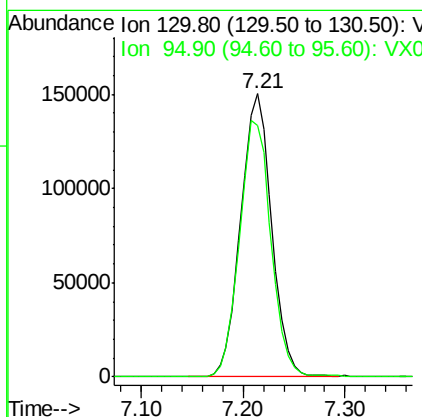
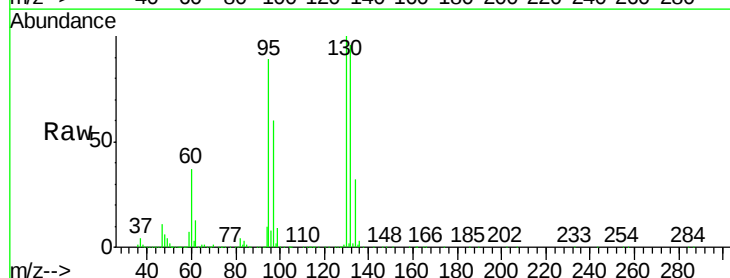
MMDadoda
 12/20/2018 10:00:46 AM



#44

Trichloroethene
 Concen: 47.462 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX006658.D
 Acq: 20 Dec 2018 00:44

Tgt Ion	Ratio	Lower	Upper
130	100		
95	88.7	0.0	187.0





#45

1,2-Dichloropropane

Concen: 50.094 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX006658.D

Acq: 20 Dec 2018 00:44

Instrument :

MSVOA_X

ClientSampleId :

966-MW-04(23)MS

Tot Ion: 63 Resp: 269845

Ion Ratio Lower Upper

63 100

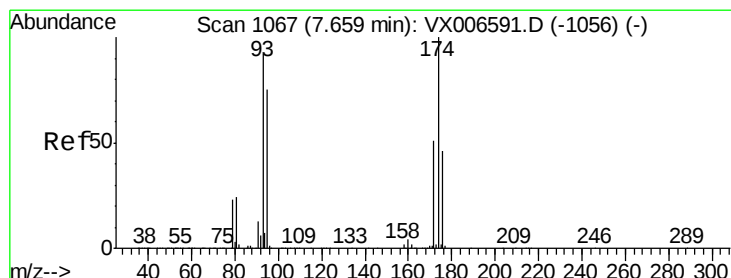
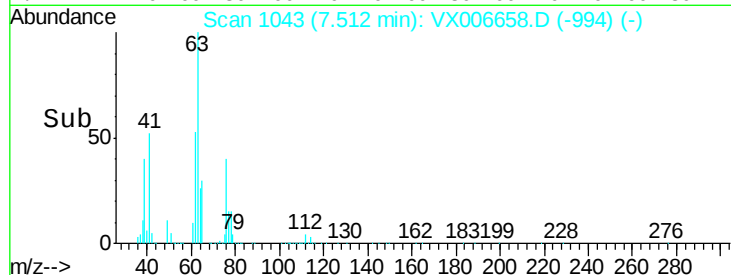
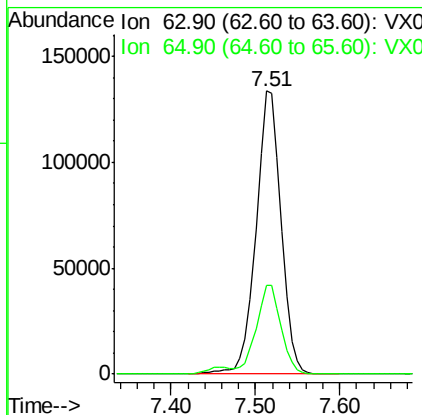
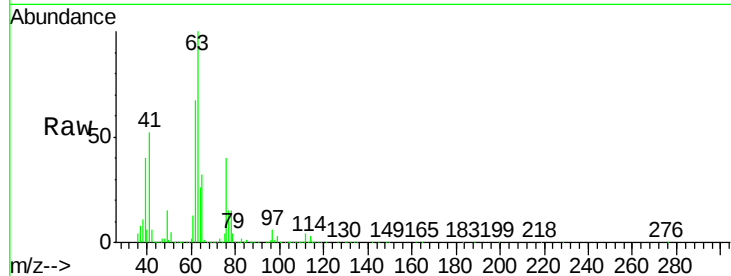
65 31.4 25.4 38.0

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#46

Dibromomethane

Concen: 49.896 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX006658.D

Acq: 20 Dec 2018 00:44

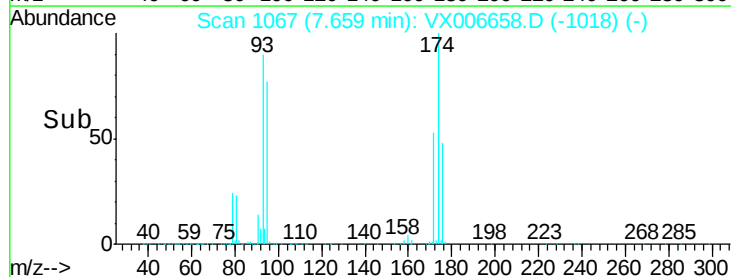
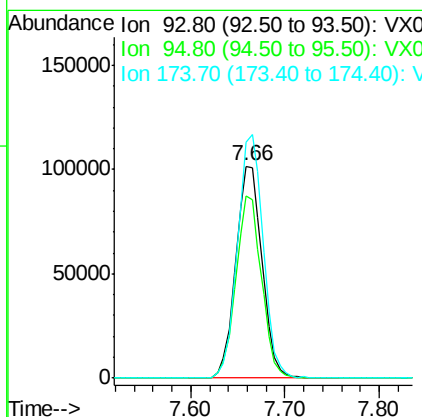
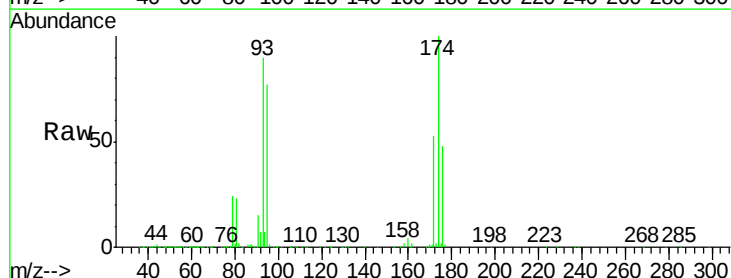
Tgt Ion: 93 Resp: 197698

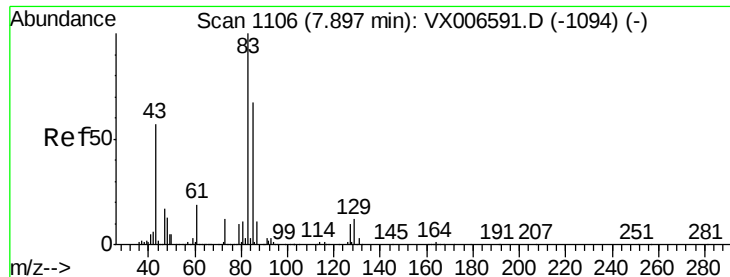
Ion Ratio Lower Upper

93 100

95 84.0 66.2 99.4

174 112.5 91.0 136.4





#47

Bromodichloromethane

Concen: 50.210 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX006658.D

Acq: 20 Dec 2018 00:44

Instrument :

MSVOA_X

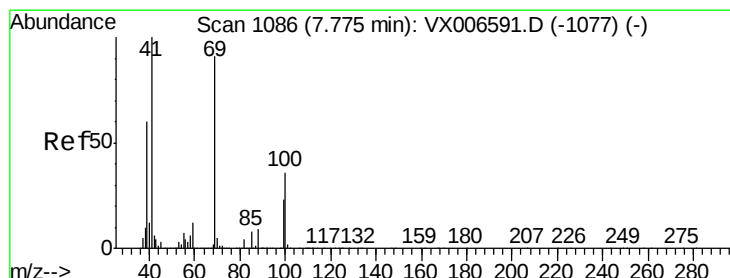
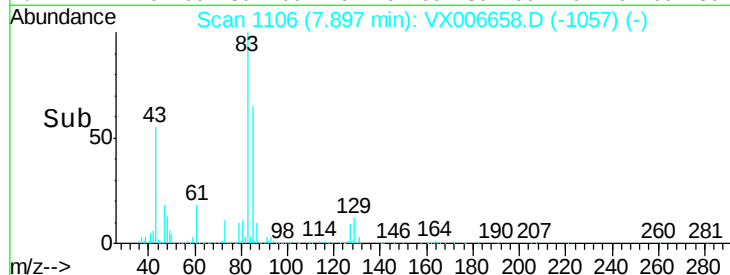
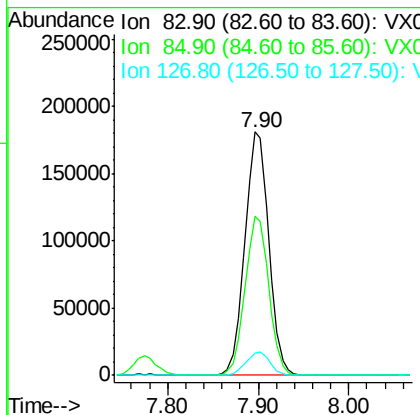
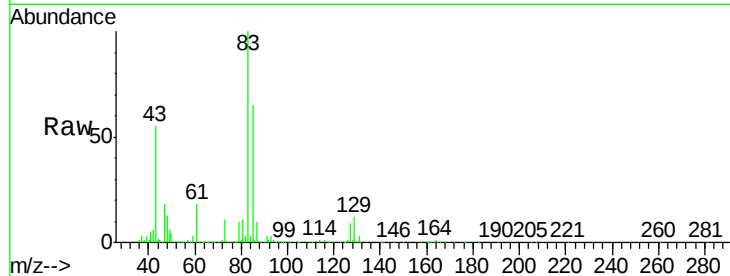
ClientSampleId :

966-MW-04(23)MS

Tot Ion:	83	Resp:	330293
Ion Ratio	Lower	Upper	
83	100		
85	65.3	53.2	79.8
127	9.3	7.8	11.6

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#48

Methyl methacrylate

Concen: 52.390 ug/l

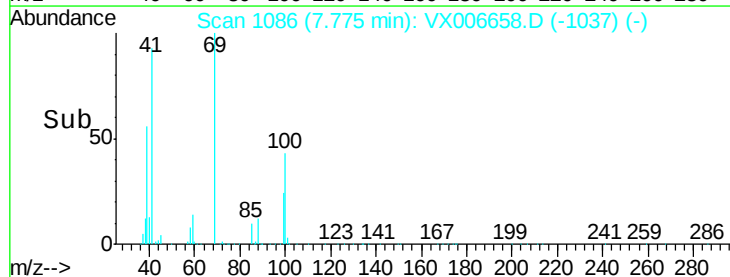
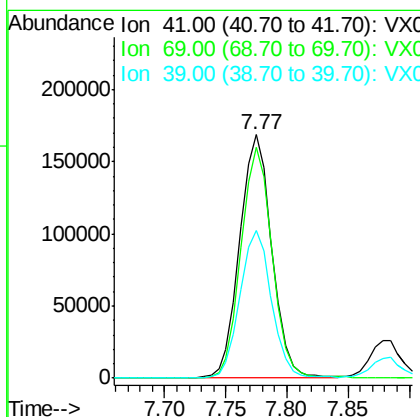
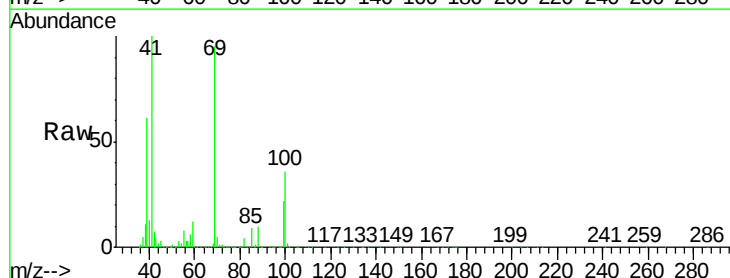
RT: 7.77 min Scan# 1086

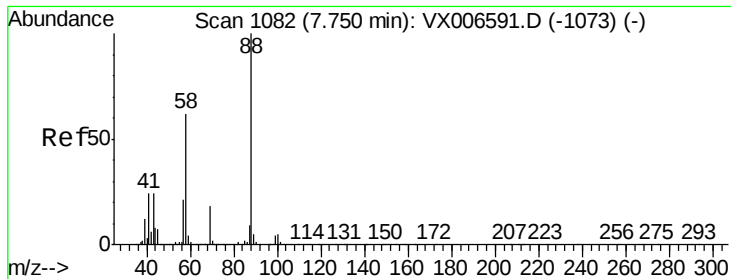
Delta R.T. -0.00 min

Lab File: VX006658.D

Acq: 20 Dec 2018 00:44

Tgt Ion:	41	Resp:	307252
Ion Ratio	Lower	Upper	
41	100		
69	92.2	72.4	108.6
39	59.6	45.8	68.8





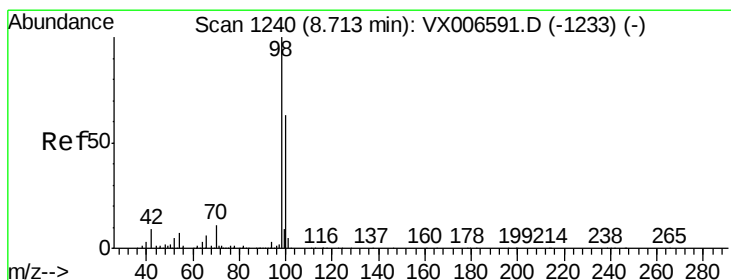
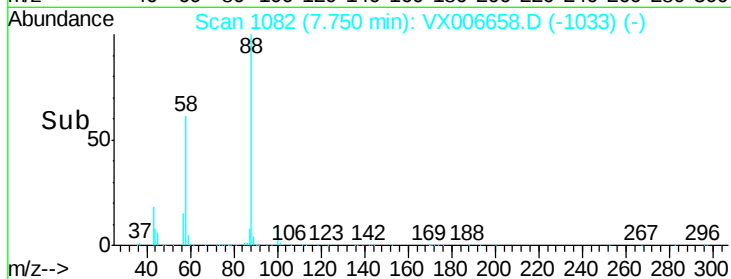
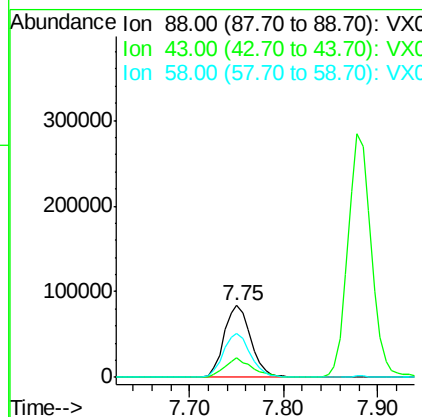
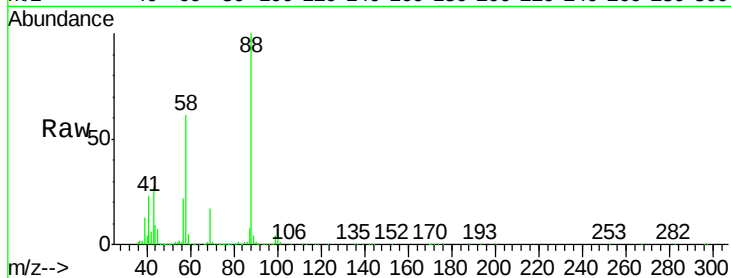
#49
1,4-Dioxane
Concen: 1073.750 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX006658.D
Acq: 20 Dec 2018 00:44

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

Tot Ion	Ratio	Lower	Upper
88	100		
43	28.1	22.2	33.4
58	62.3	51.0	76.4

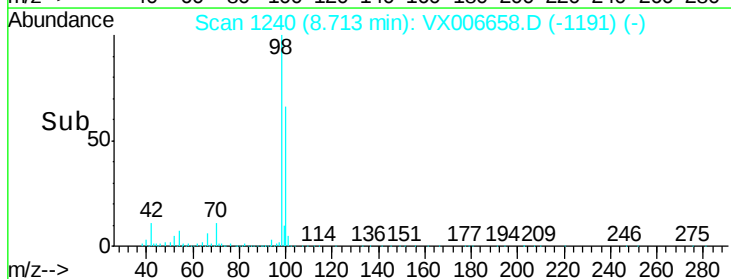
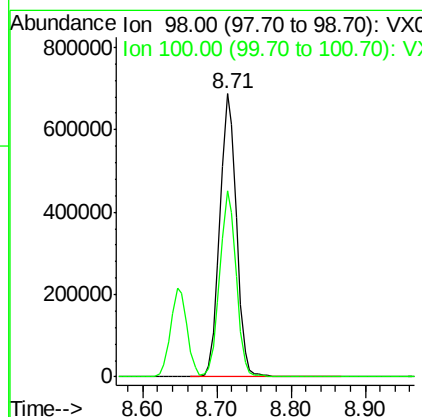
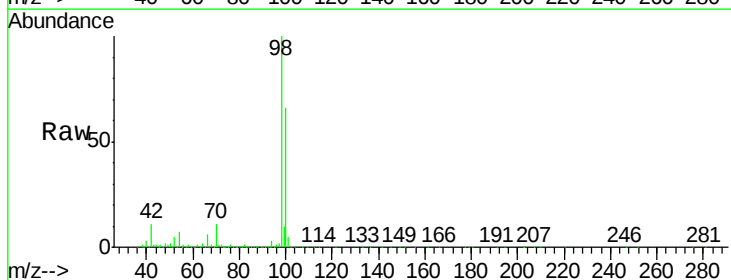
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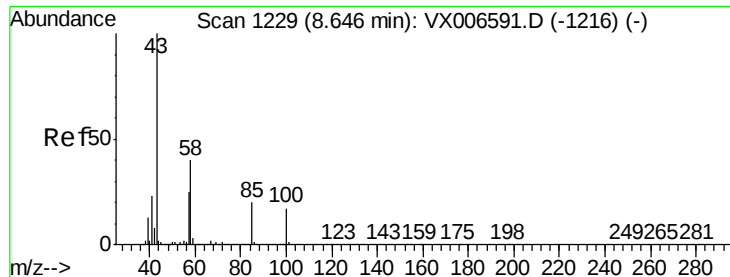
MMDadoda
12/20/2018 10:00:46 AM



#50
Toluene-d8
Concen: 50.525 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006658.D
Acq: 20 Dec 2018 00:44

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.0	78.0





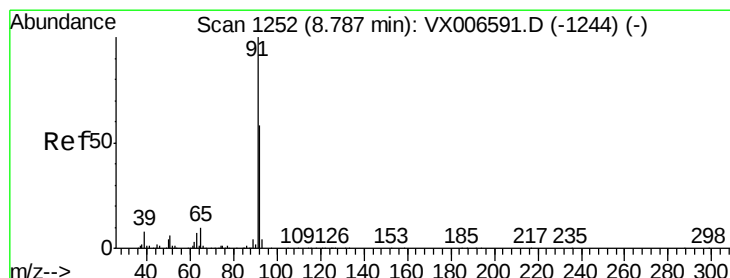
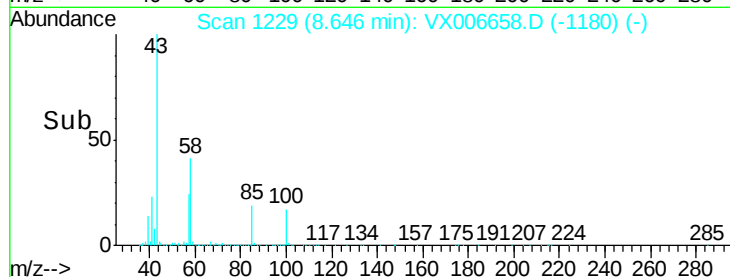
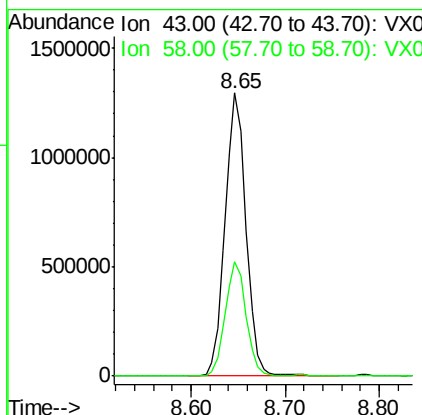
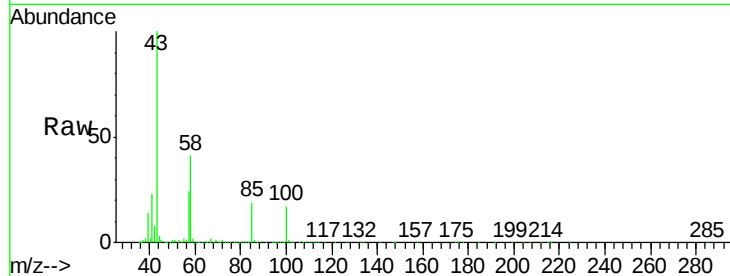
#51
4-Methyl-2-Pentanone
Concen: 272.967 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.00 min
Lab File: VX006658.D
Acq: 20 Dec 2018 00:44

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

Tot Ion: 43 Resp: 2002996
Ion Ratio Lower Upper
43 100
58 40.2 31.8 47.6

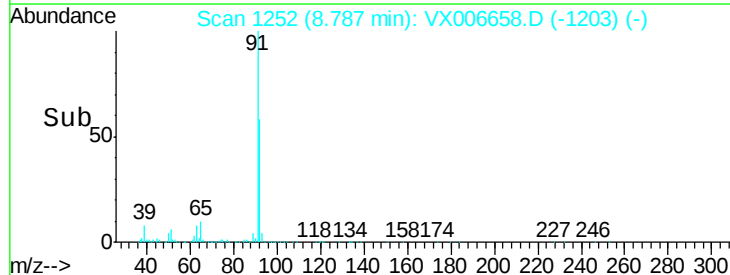
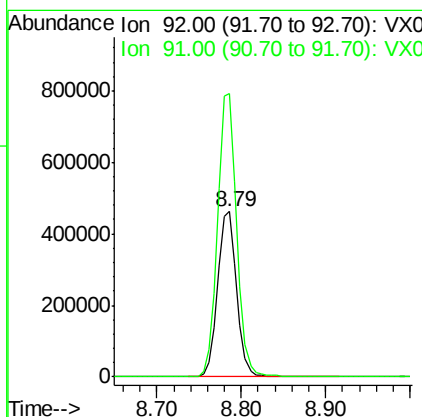
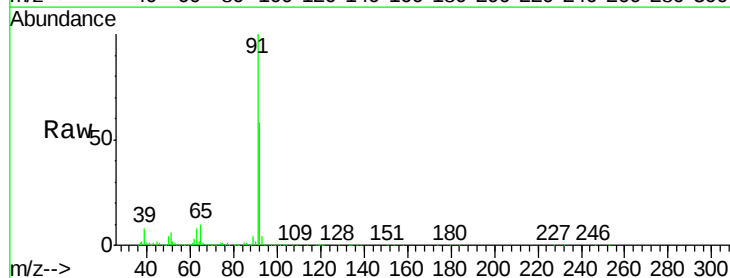
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#52
Toluene
Concen: 50.220 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX006658.D
Acq: 20 Dec 2018 00:44

Tgt Ion: 92 Resp: 718184
Ion Ratio Lower Upper
92 100
91 173.1 137.6 206.4





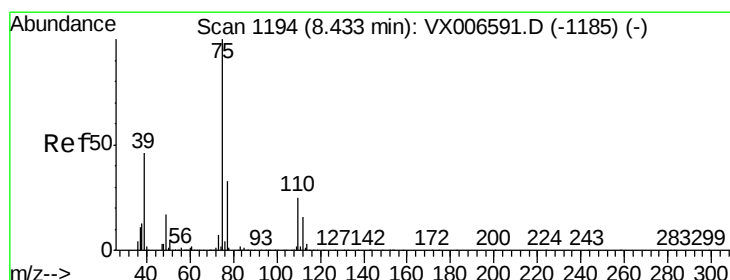
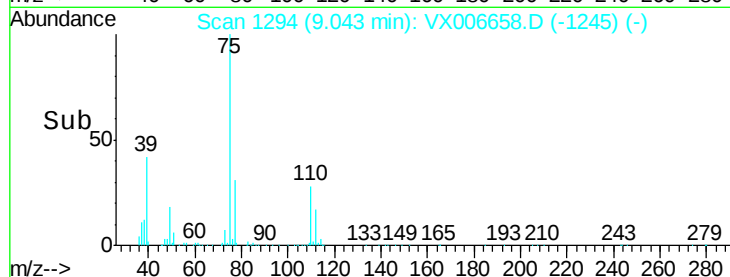
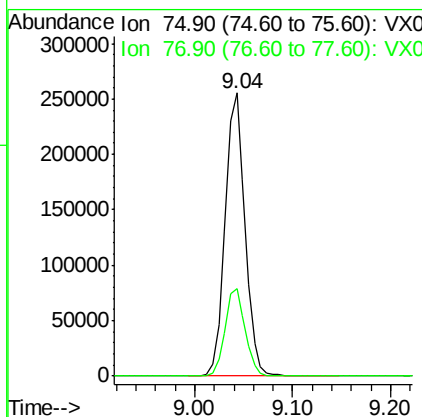
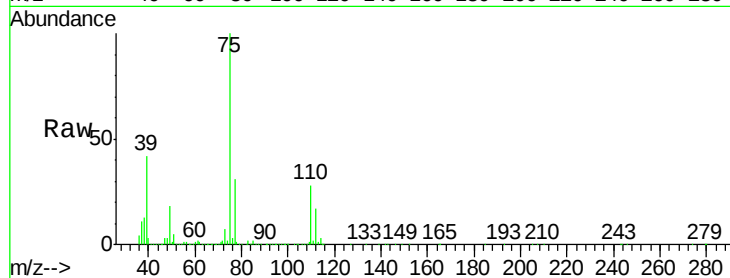
#53
t-1,3-Dichloropropene
Concen: 50.883 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX006658.D
Acq: 20 Dec 2018 00:44

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

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.1	25.4	38.0

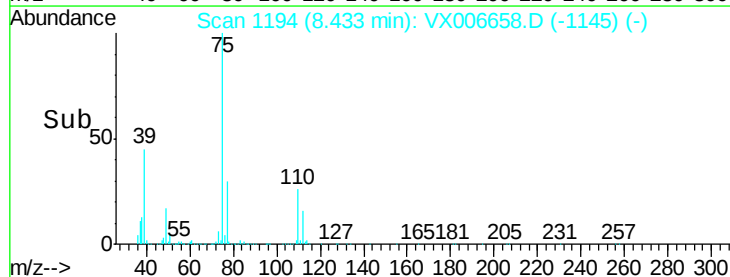
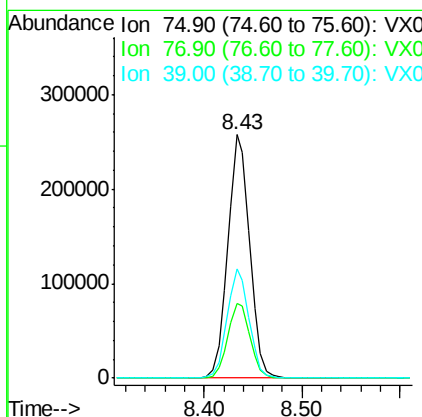
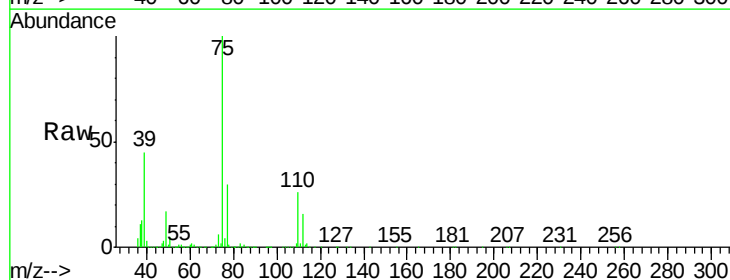
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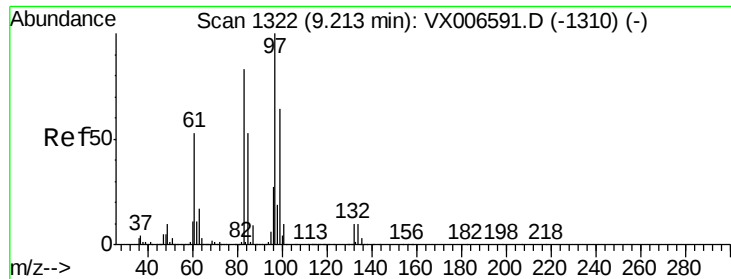
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#54
cis-1,3-Dichloropropene
Concen: 51.259 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX006658.D
Acq: 20 Dec 2018 00:44

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.5	26.2	39.2
39	44.7	36.7	55.1





#55

1,1,2-Trichloroethane

Concen: 51.308 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX006658.D

Acq: 20 Dec 2018 00:44

Instrument :

MSVOA_X

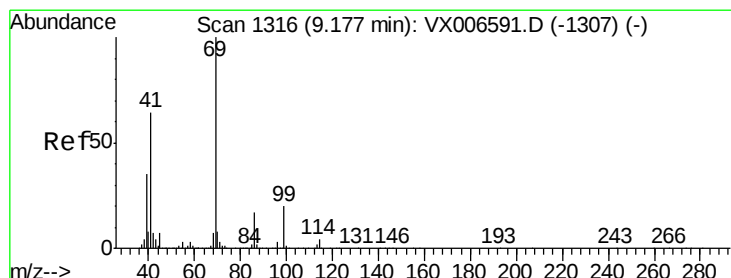
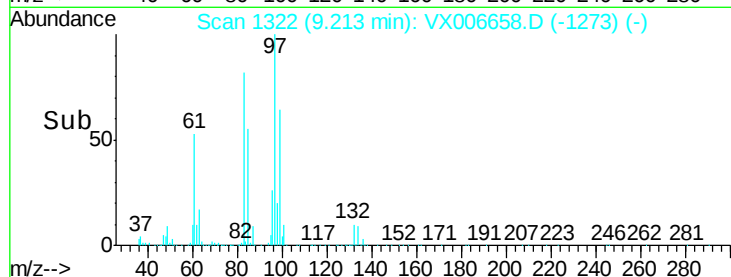
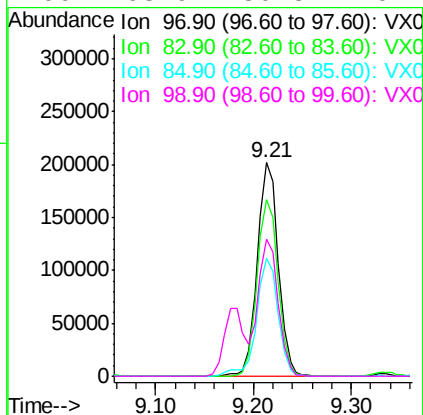
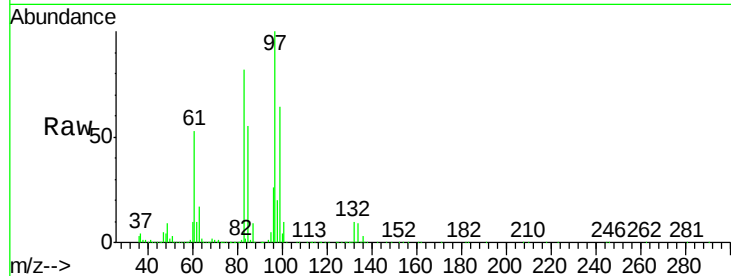
ClientSampleId :

966-MW-04(23)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		300335		
83	82.5	66.6	99.8		
85	54.8	42.7	64.1		
99	63.9	50.8	76.2		

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#56

Ethyl methacrylate

Concen: 53.839 ug/l

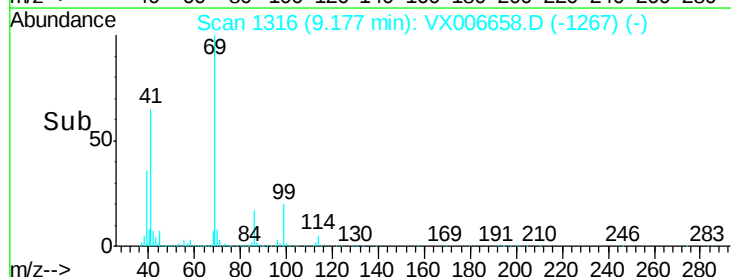
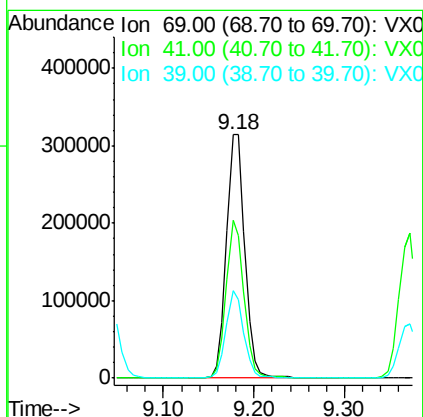
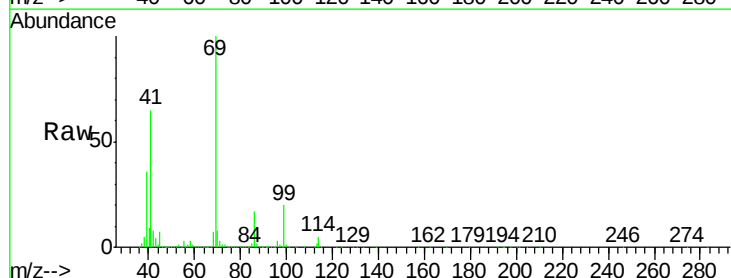
RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX006658.D

Acq: 20 Dec 2018 00:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		445419		
41	62.4	48.7	73.1		
39	34.5	27.0	40.6		





#57

1,3-Dichloropropane

Concen: 50.645 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX006658.D

Acq: 20 Dec 2018 00:44

Instrument :

MSVOA_X

ClientSampleId :

966-MW-04(23)MS

Tot Ion: 76 Resp: 476958

Ion Ratio Lower Upper

76 100

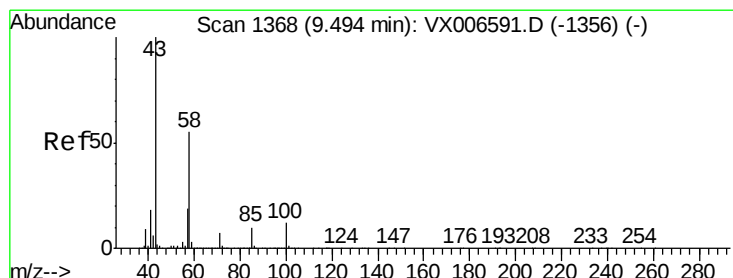
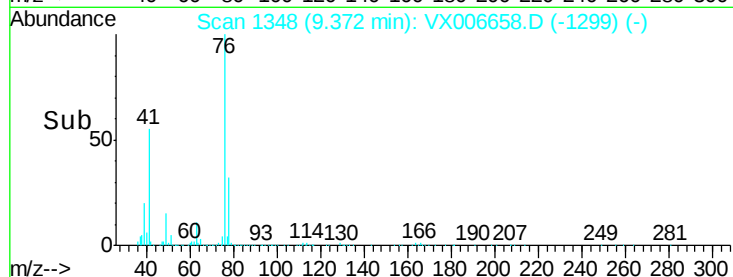
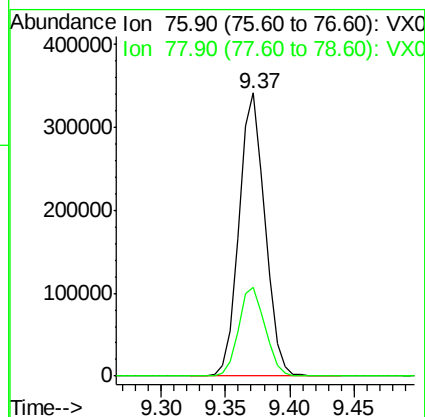
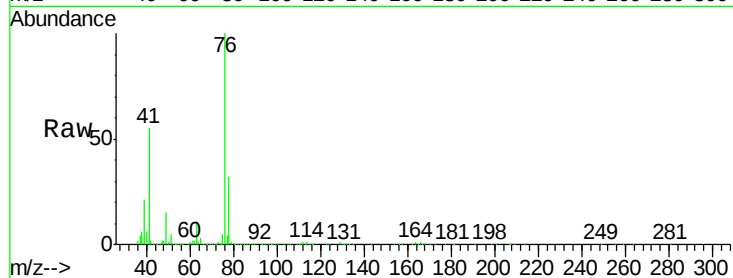
78 32.2 26.0 39.0

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#59

2-Hexanone

Concen: 271.823 ug/l

RT: 9.49 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VX006658.D

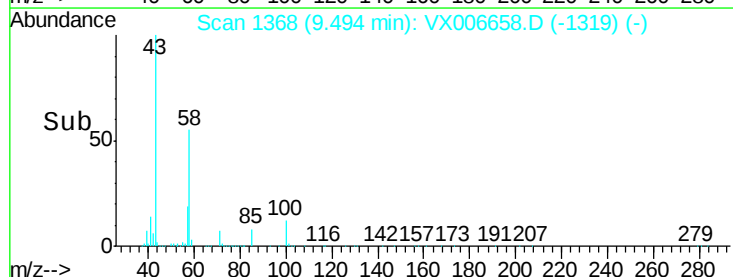
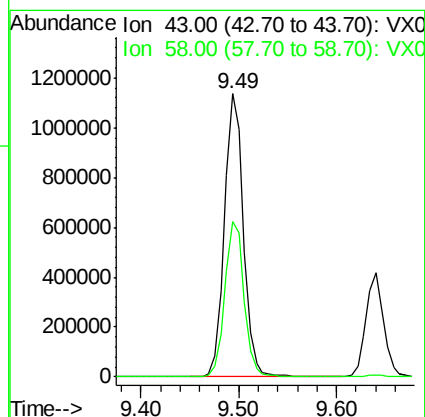
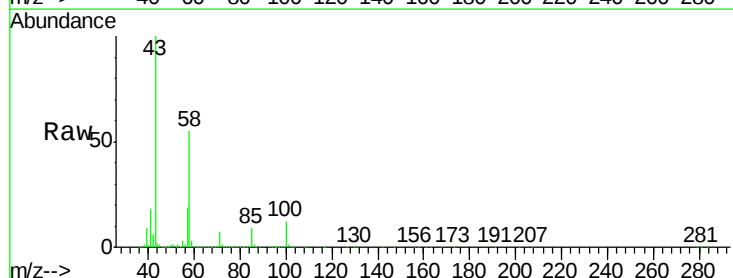
Acq: 20 Dec 2018 00:44

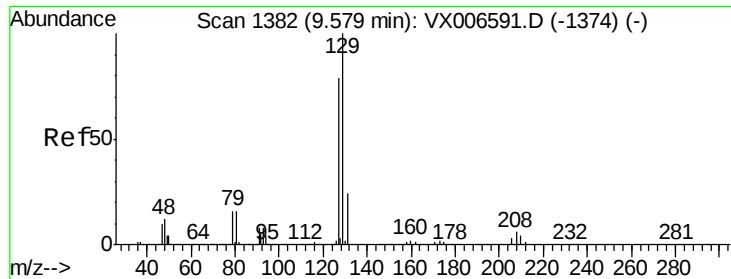
Tgt Ion: 43 Resp: 1526105

Ion Ratio Lower Upper

43 100

58 55.6 27.7 83.1





#60

Dibromochloromethane

Concen: 47.105 ug/l

RT: 9.59 min Scan# 1383

Delta R.T. 0.01 min

Lab File: VX006658.D

Acq: 20 Dec 2018 00:44

Instrument :

MSVOA_X

ClientSampleId :

966-MW-04(23)MS

Tot Ion:129 Resp: 287518

Ion Ratio Lower Upper

129 100

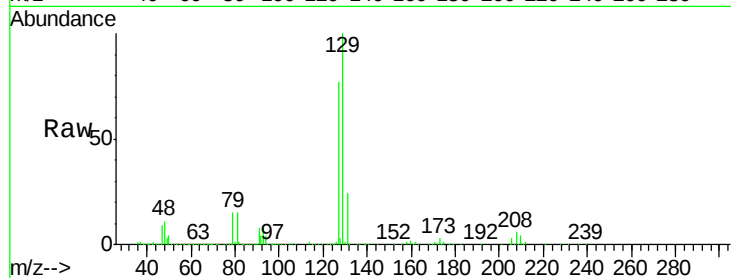
127 77.2 39.3 117.8

Manual Integrations

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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.59

200000

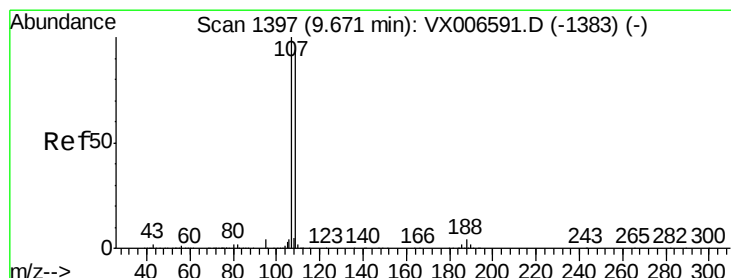
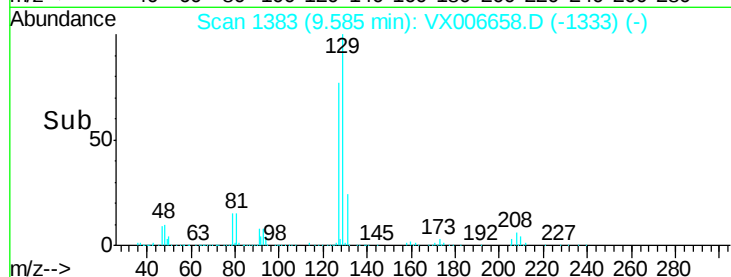
150000

100000

50000

0

Time-->



#61

1,2-Dibromoethane

Concen: 52.419 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX006658.D

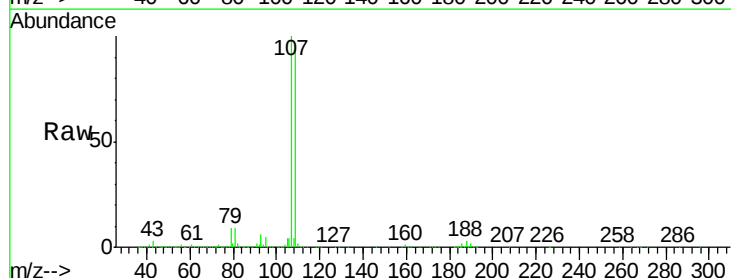
Acq: 20 Dec 2018 00:44

Tgt Ion:107 Resp: 326177

Ion Ratio Lower Upper

107 100

109 94.8 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

250000

200000

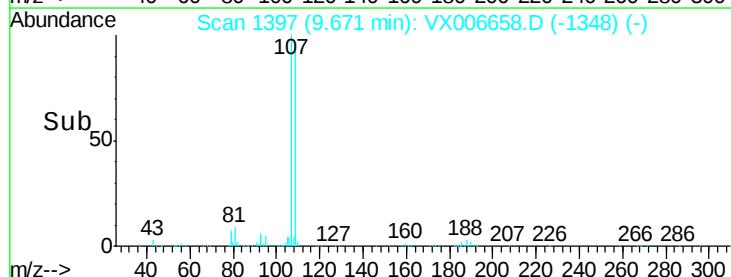
150000

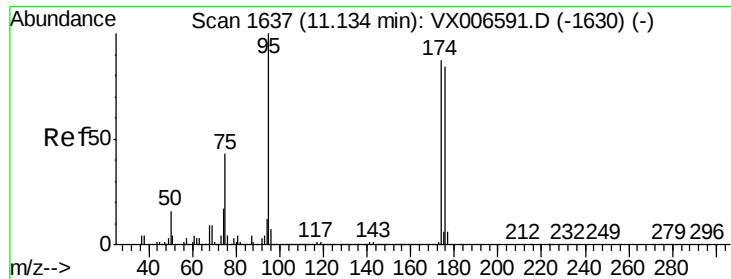
100000

50000

0

Time-->





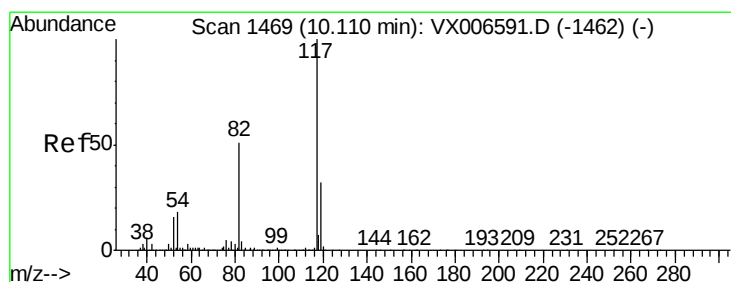
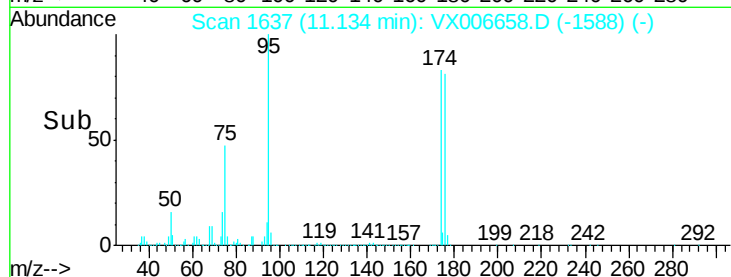
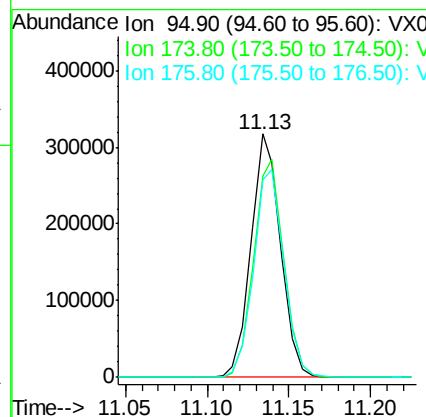
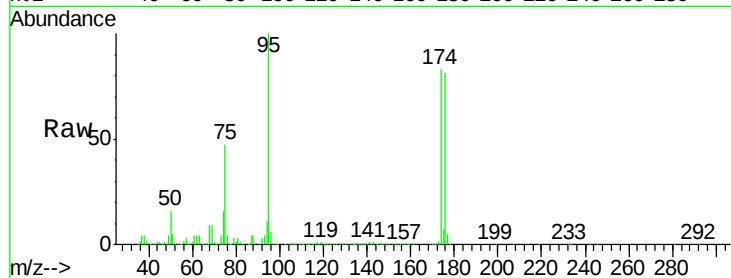
#62
4-Bromofluorobenzene
Concen: 52.120 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX006658.D
Acq: 20 Dec 2018 00:44

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

Tot Ion	Ratio	Resp	Lower	Upper
95	100	400144		
174	91.6	0.0	182.2	
176	88.0	0.0	178.8	

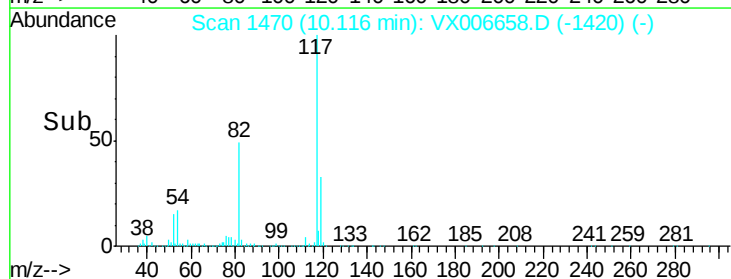
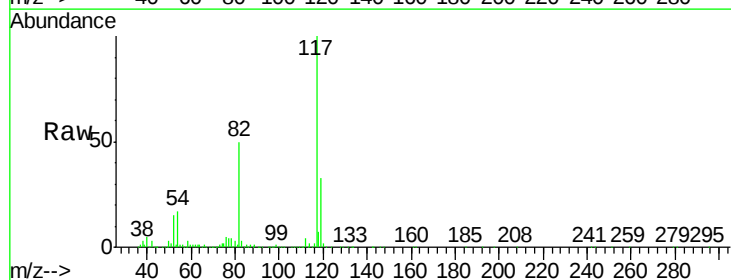
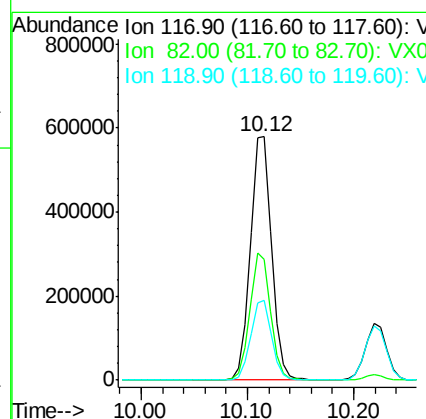
Manual Integrations
APPROVED

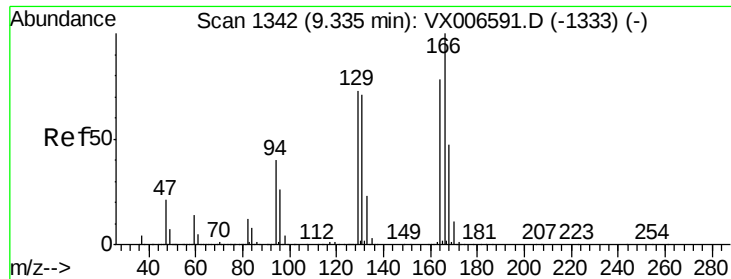
MMDadoda
12/20/2018 10:00:46 AM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX006658.D
Acq: 20 Dec 2018 00:44

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	813759		
82	49.5	41.0	61.6	
119	32.8	25.4	38.0	





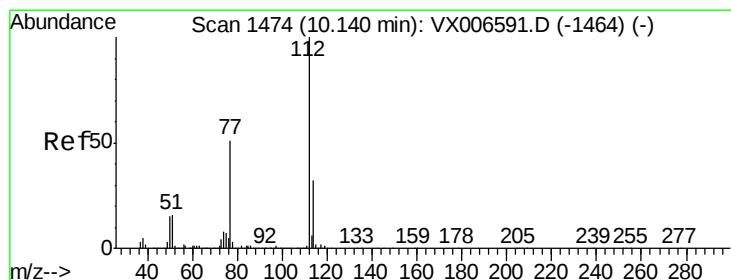
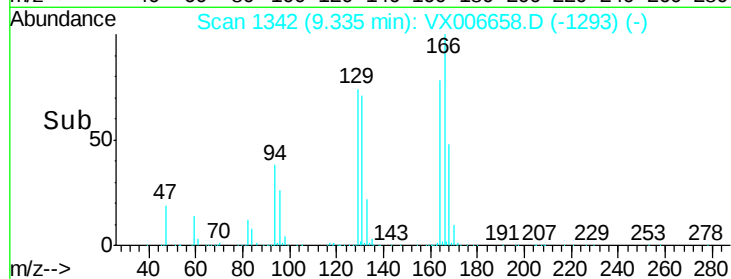
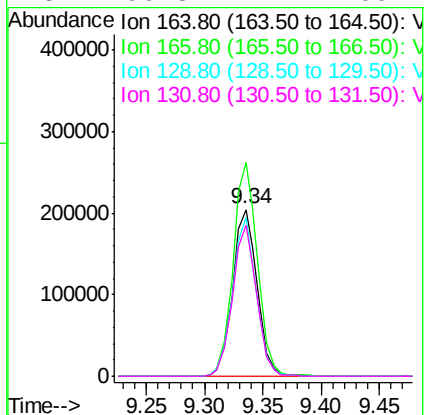
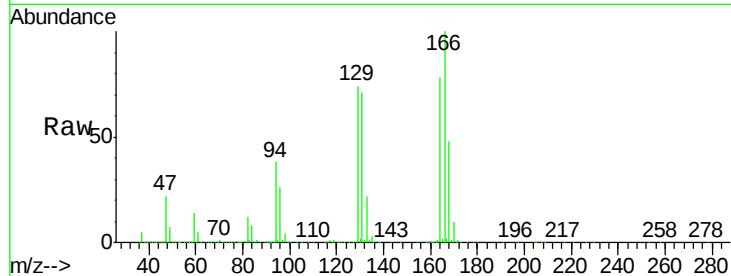
#64
Tetrachloroethene
Concen: 46.223 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX006658.D
Acq: 20 Dec 2018 00:44

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

Tot Ion	Ratio	Lower	Upper
164	100		
166	128.2	102.5	153.7
129	95.0	75.1	112.7
131	90.8	72.7	109.1

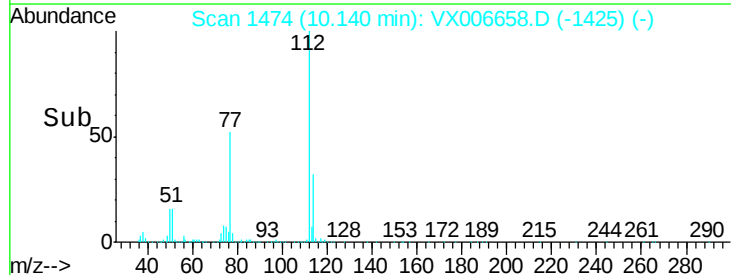
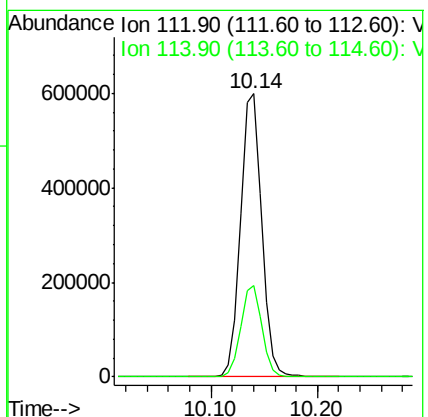
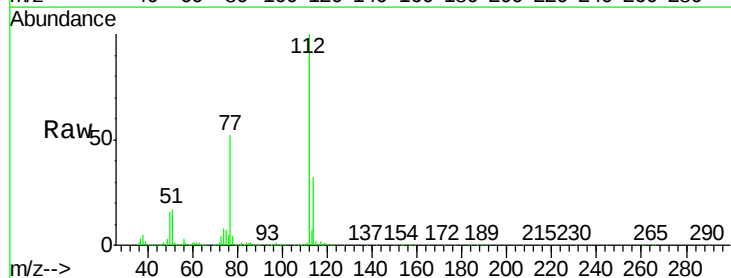
Manual Integrations
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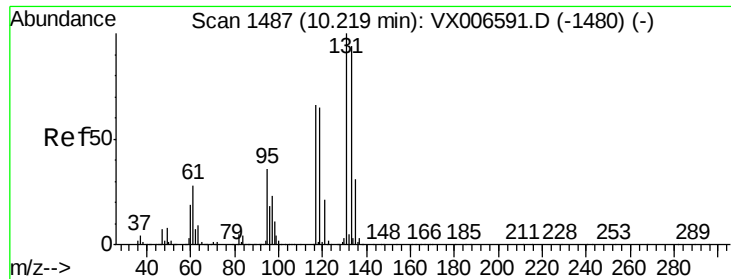
MMDadoda
12/20/2018 10:00:46 AM



#65
Chlorobenzene
Concen: 48.873 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX006658.D
Acq: 20 Dec 2018 00:44

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.1	25.7	38.5





#66

1,1,1,2-Tetrachloroethane

Concen: 51.945 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX006658.D

Acq: 20 Dec 2018 00:44

Instrument :

MSVOA_X

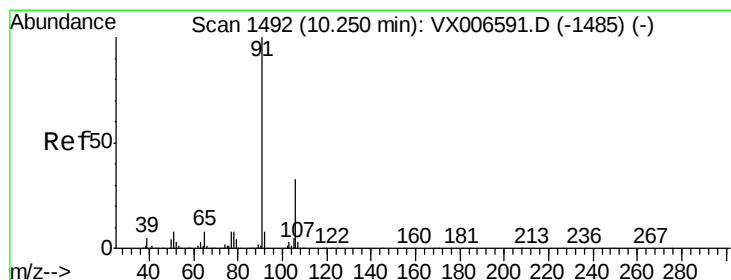
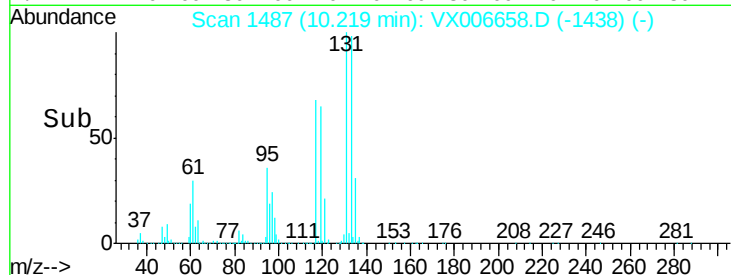
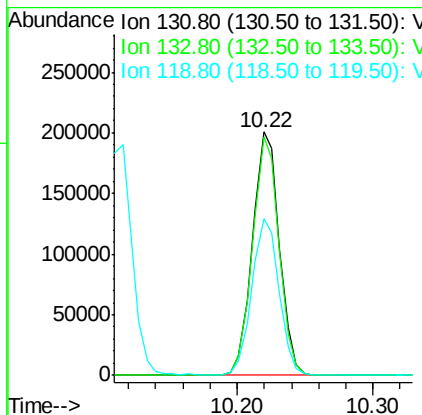
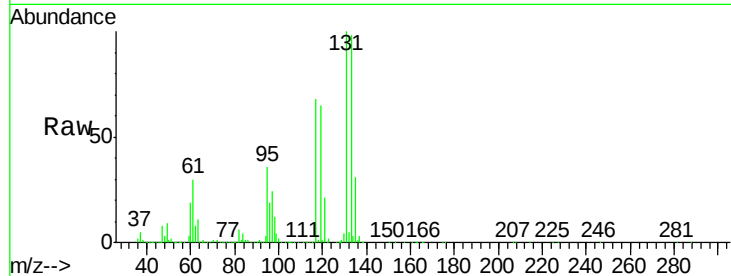
ClientSampleId :

966-MW-04(23)MS

Tot Ion:	131	Resp:	279011
Ion Ratio	Lower	Upper	
131	100		
133	96.5	48.0	144.2
119	65.5	32.6	97.8

Manual Integrations
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12/20/2018 10:00:46 AM



#67

Ethyl Benzene

Concen: 49.140 ug/l

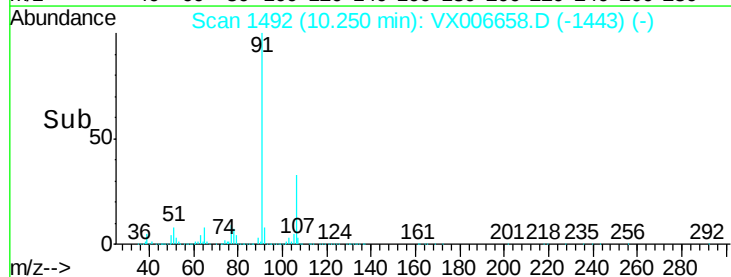
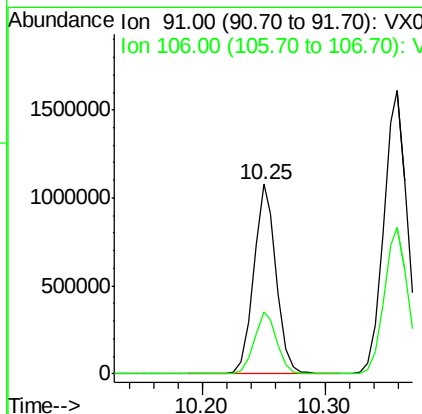
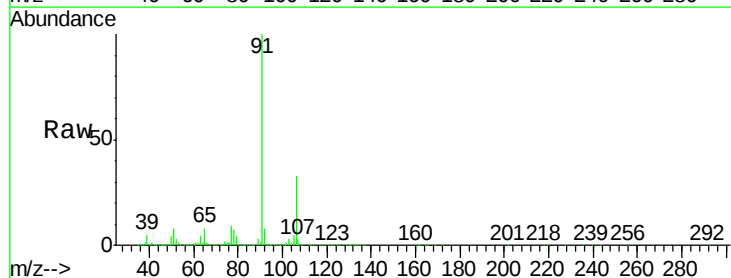
RT: 10.25 min Scan# 1492

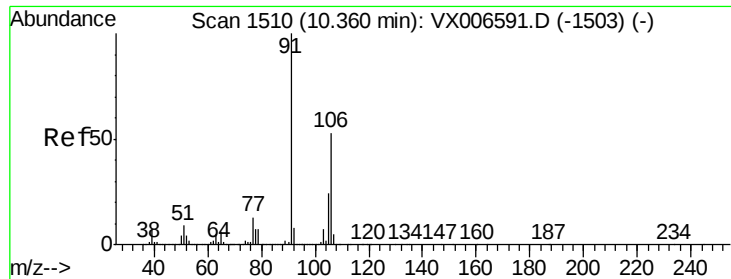
Delta R.T. -0.00 min

Lab File: VX006658.D

Acq: 20 Dec 2018 00:44

Tgt Ion:	91	Resp:	1382392
Ion Ratio	Lower	Upper	
91	100		
106	32.5	26.4	39.6





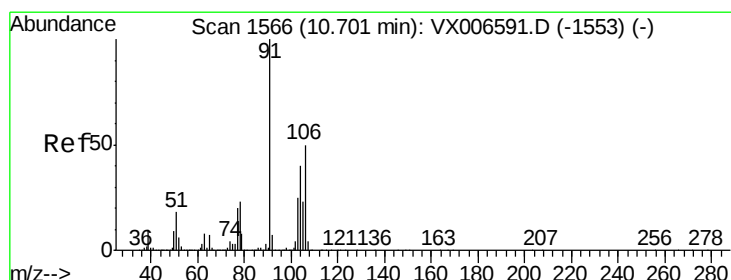
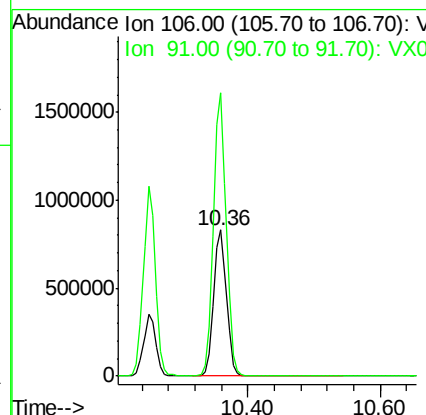
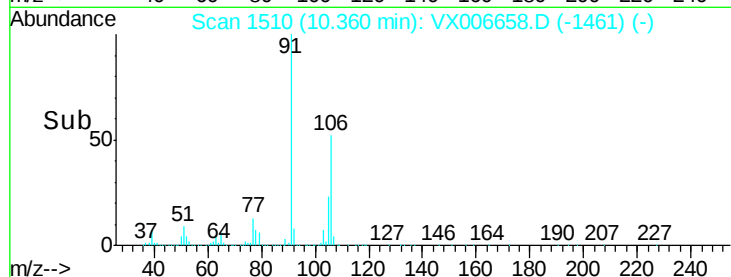
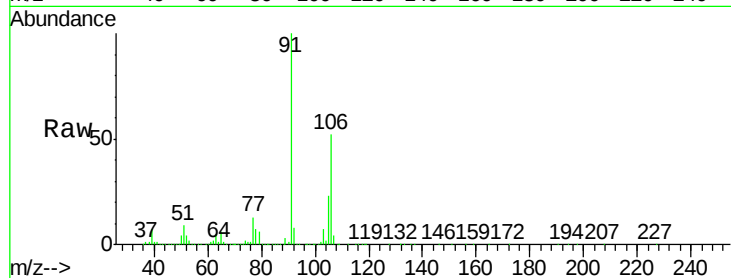
#68
m/p-Xylenes
Concen: 101.065 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX006658.D
Acq: 20 Dec 2018 00:44

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

Tot Ion:106 Resp: 1121894
Ion Ratio Lower Upper
106 100
91 193.5 155.8 233.6

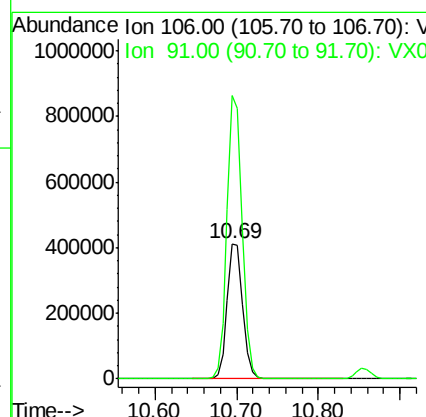
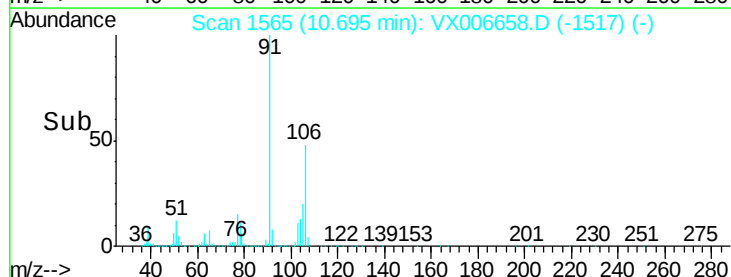
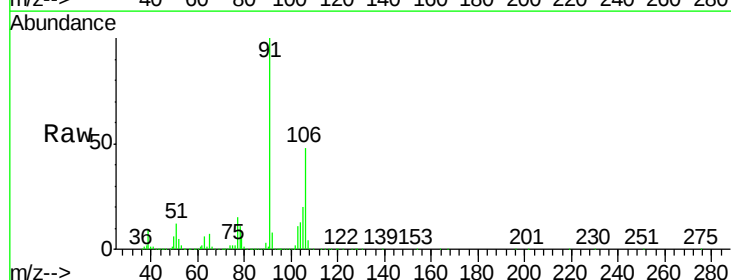
Manual Integrations
APPROVED

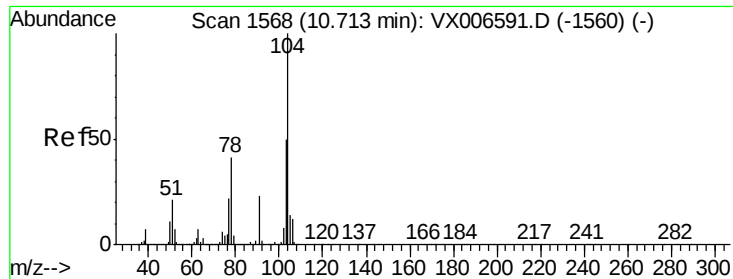
MMDadoda
12/20/2018 10:00:46 AM



#69
o-Xylene
Concen: 49.936 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX006658.D
Acq: 20 Dec 2018 00:44

Tgt Ion:106 Resp: 547383
Ion Ratio Lower Upper
106 100
91 205.1 101.3 303.7





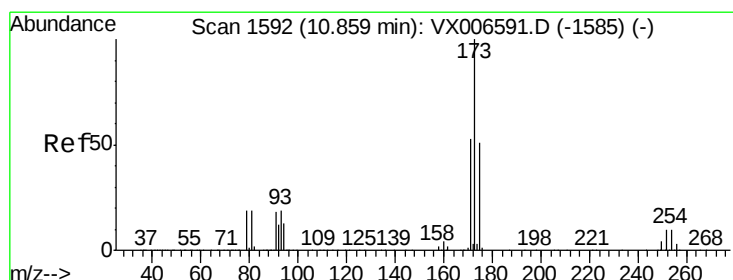
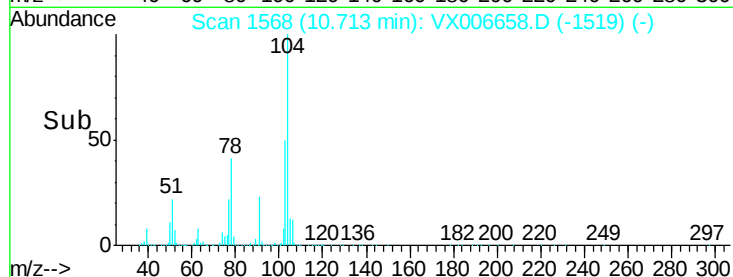
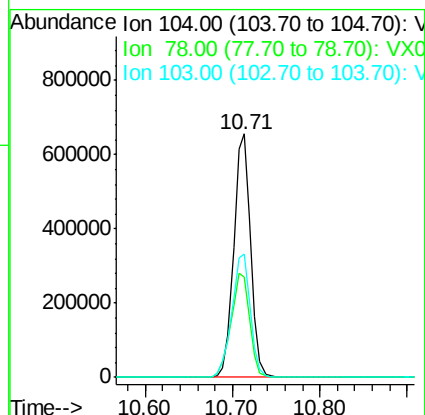
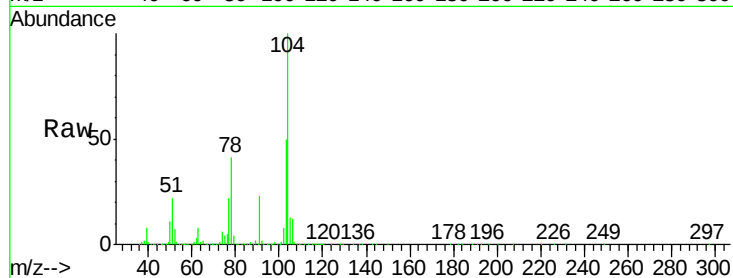
#70
Stvrene
Concen: 51.305 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX006658.D
Acq: 20 Dec 2018 00:44

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

Tot Ion	Ratio	Lower	Upper
104	100		
78	47.0	37.7	56.5
103	55.4	43.8	65.8

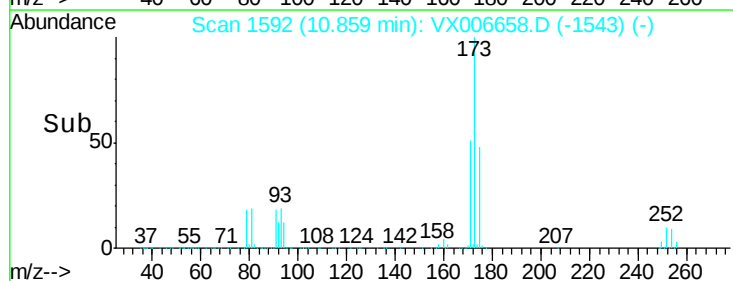
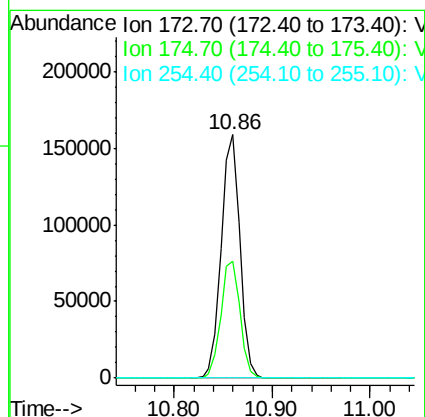
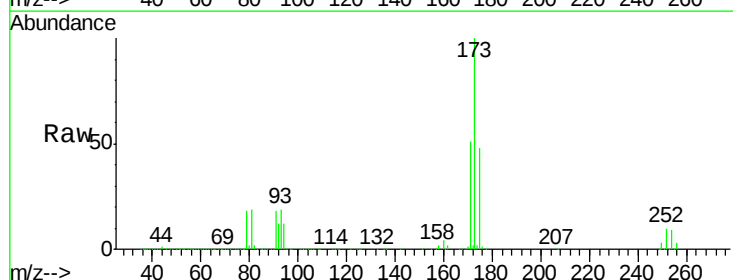
Manual Integrations
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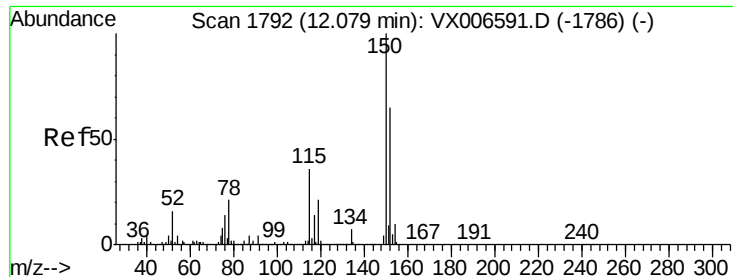
MMDadoda
12/20/2018 10:00:46 AM



#71
Bromoform
Concen: 44.161 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.00 min
Lab File: VX006658.D
Acq: 20 Dec 2018 00:44

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.3	24.7	74.1
254	0.2	0.2	0.2





#72

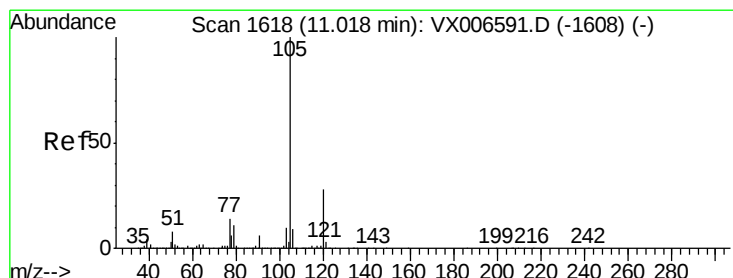
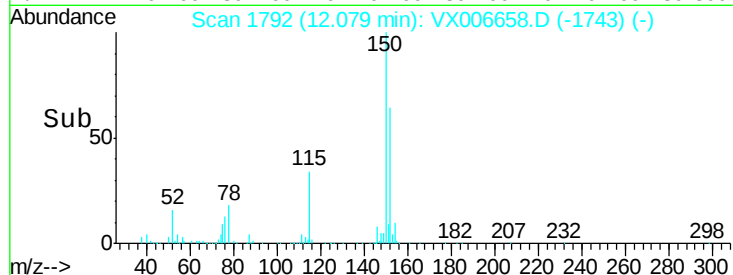
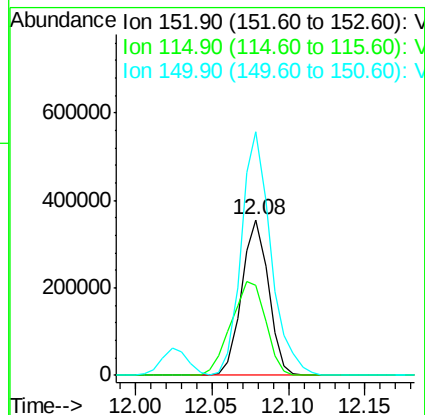
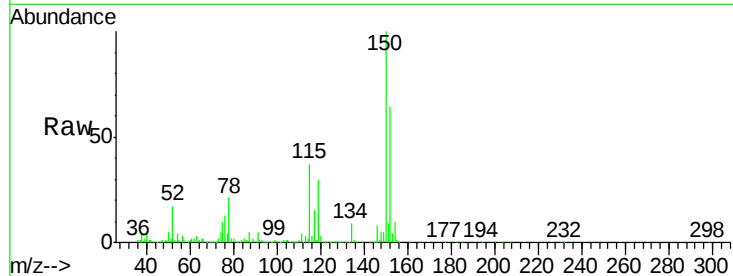
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX006658.D
Acq: 20 Dec 2018 00:44

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

Tot Ion	Ratio	Lower	Upper
152	100		
115	78.2	39.1	117.2
150	173.0	0.0	344.8

Manual Integrations
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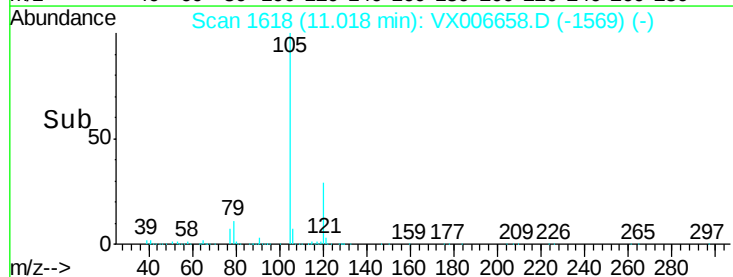
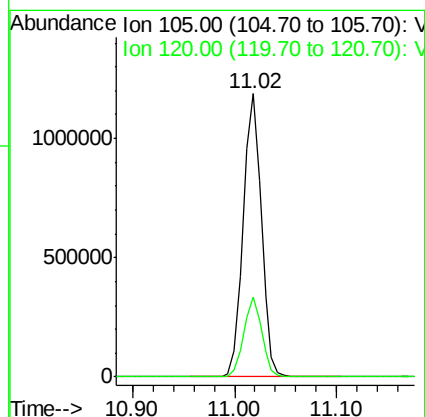
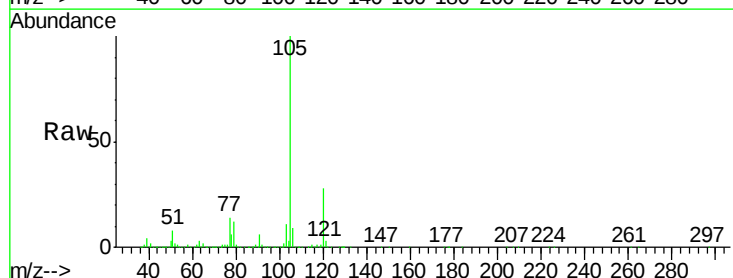
MMDadoda
12/20/2018 10:00:46 AM

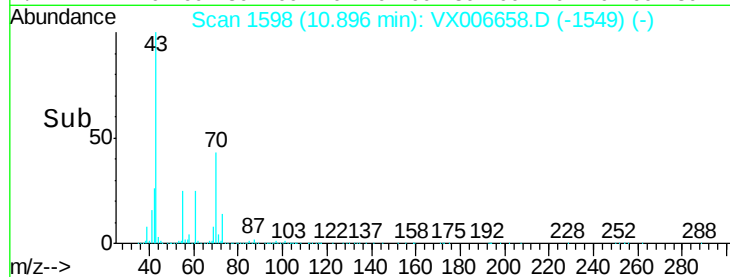
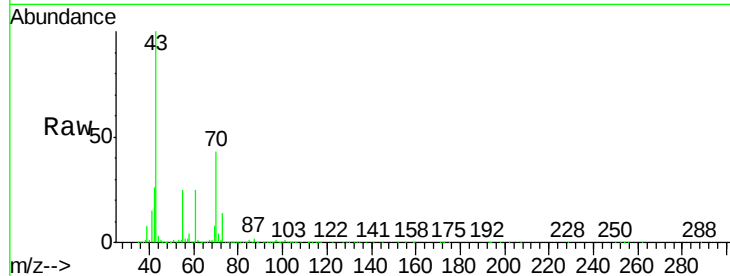
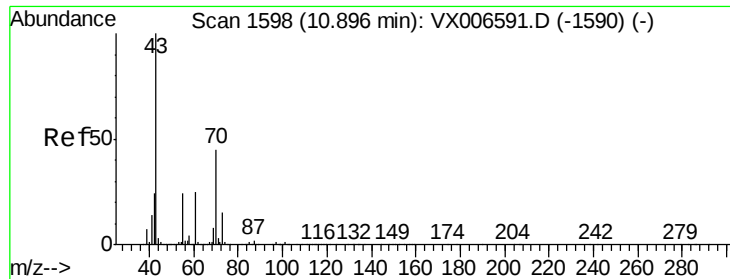


#73

Isopropylbenzene
Concen: 49.252 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX006658.D
Acq: 20 Dec 2018 00:44

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.9	14.1	42.4





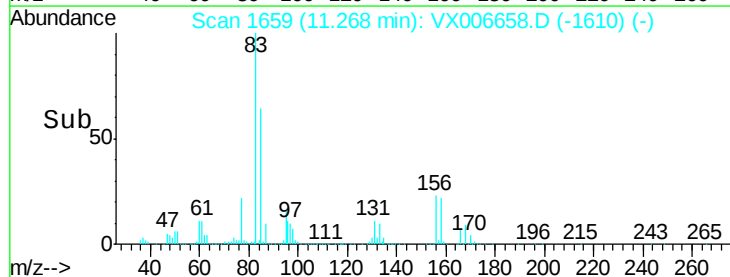
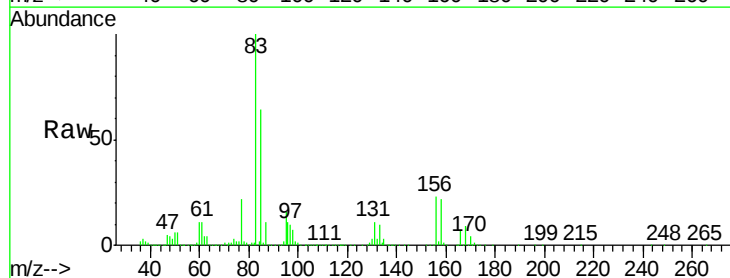
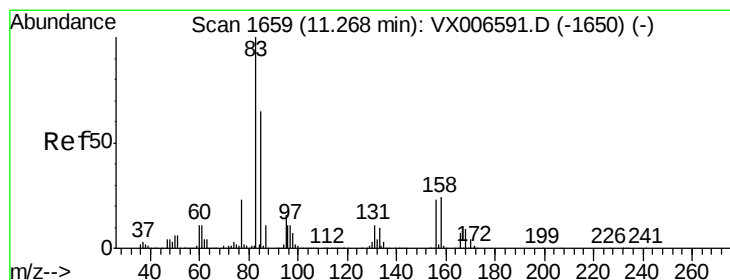
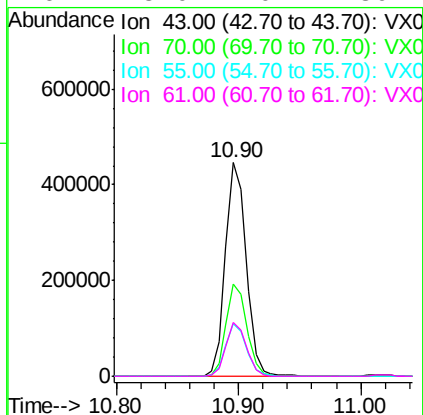
#74
N-amvl acetate
Concen: 49.873 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX006658.D
Acq: 20 Dec 2018 00:44

Tot Ion	Ion	Ratio	Resp	Lower	Upper
43	100				
70	43.3	35.8	53.8		
55	24.6	19.4	29.0		
61	25.0	20.1	30.1		

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

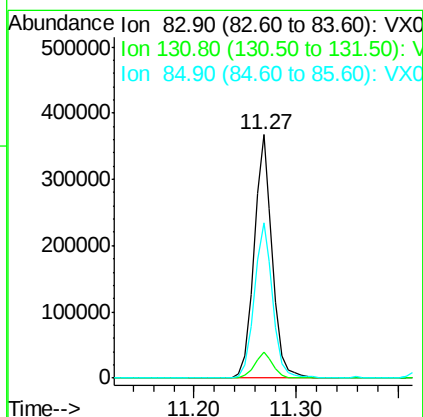
Manual Integrations
APPROVED

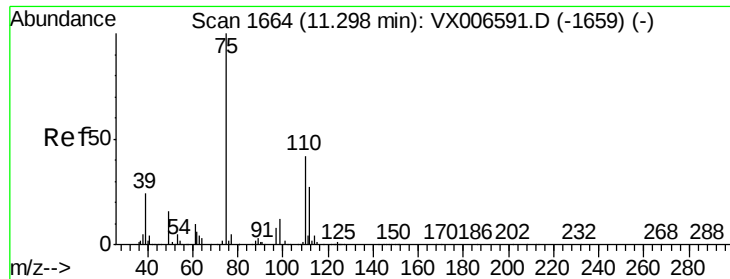
MMDadoda
12/20/2018 10:00:46 AM



#75
1,1,2,2-Tetrachloroethane
Concen: 52.035 ug/l
RT: 11.27 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX006658.D
Acq: 20 Dec 2018 00:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	100				
131	10.9	5.7	17.1		
85	65.0	32.2	96.6		





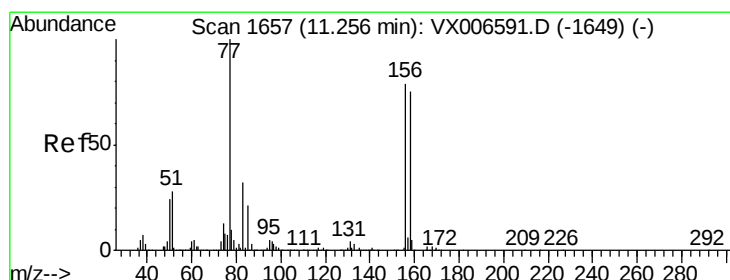
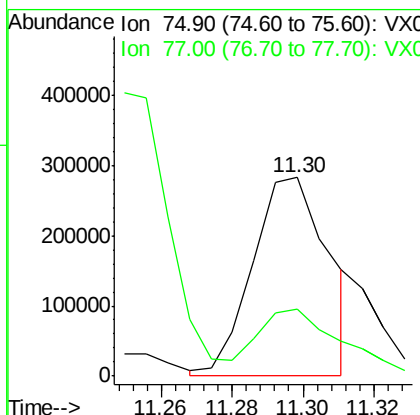
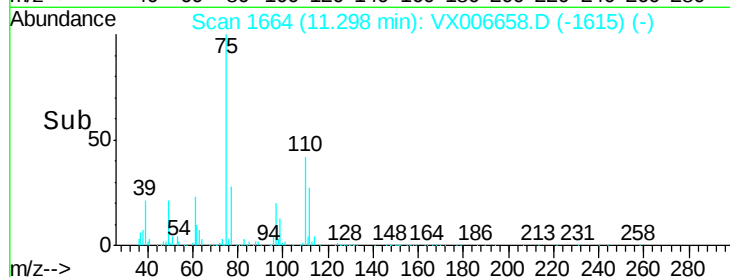
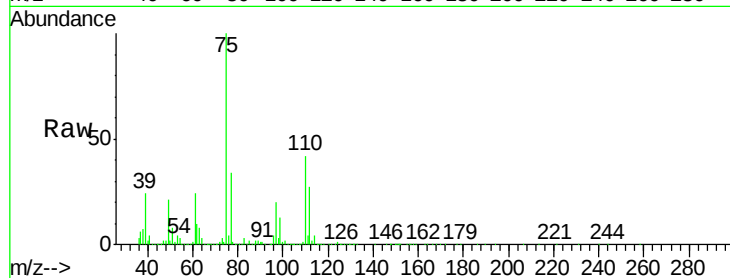
#76
1,2,3-Trichloropropane
Concen: 52.252 ug/l m
RT: 11.30 min Scan# 1664
Delta R.T. -0.00 min
Lab File: VX006658.D
Acq: 20 Dec 2018 00:44

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

Tot Ion: 75 Resp: 418180
Ion Ratio Lower Upper
75 100
77 37.4 18.5 55.5

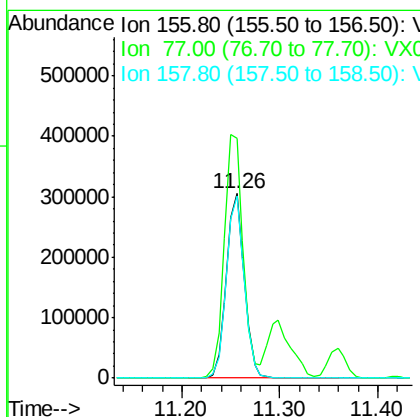
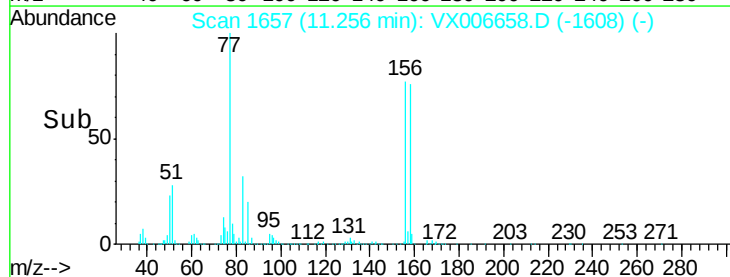
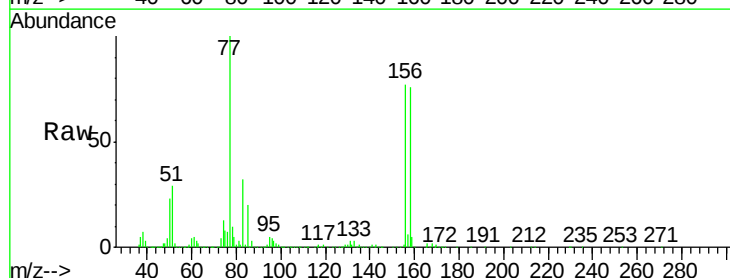
Manual Integrations
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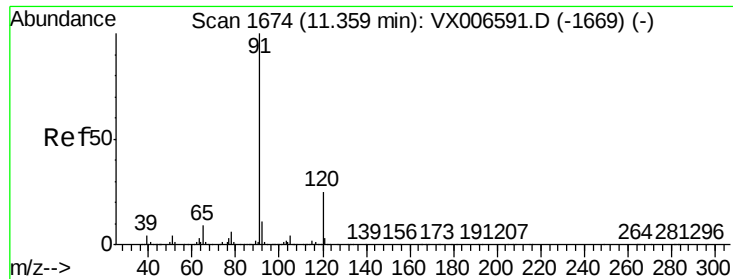
MMDadoda
12/20/2018 10:00:46 AM



#77
Bromobenzene
Concen: 48.860 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VX006658.D
Acq: 20 Dec 2018 00:44

Tgt Ion: 156 Resp: 389164
Ion Ratio Lower Upper
156 100
77 138.7 68.0 204.0
158 98.7 48.3 144.8





#78

n-propylbenzene

Concen: 49.360 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX006658.D

Acq: 20 Dec 2018 00:44

Instrument :

MSVOA_X

ClientSampleId :

966-MW-04(23)MS

Tot Ion: 91 Resp: 1601362

Ion Ratio Lower Upper

91 100

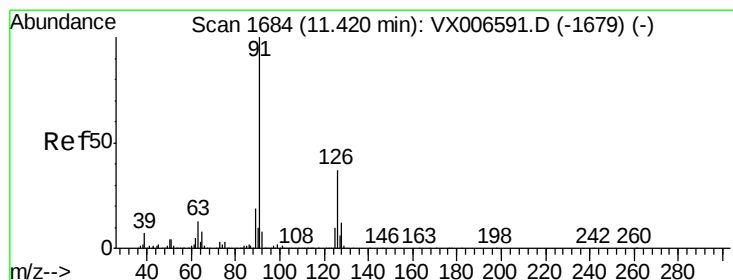
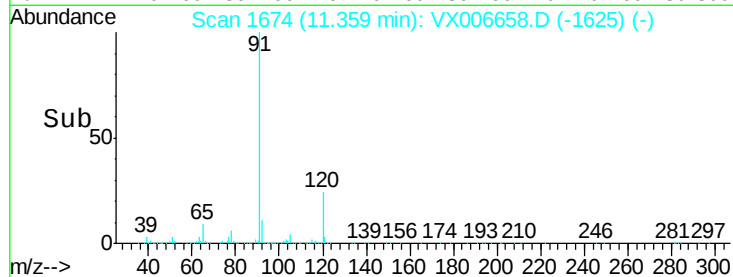
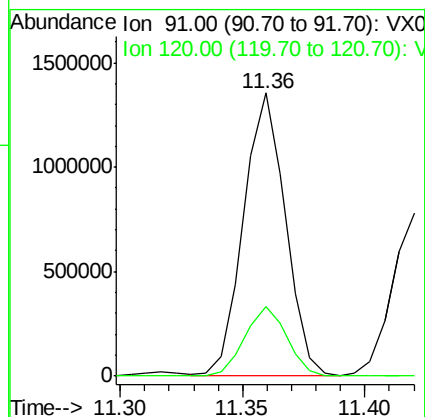
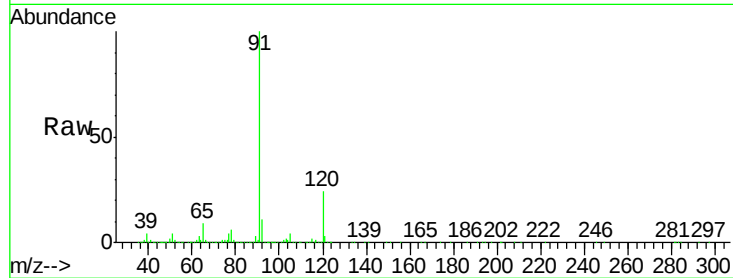
120 24.9 12.7 38.0

Manual Integrations

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#79

2-Chlorotoluene

Concen: 48.477 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX006658.D

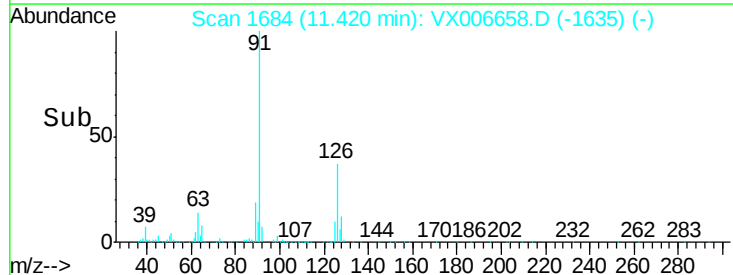
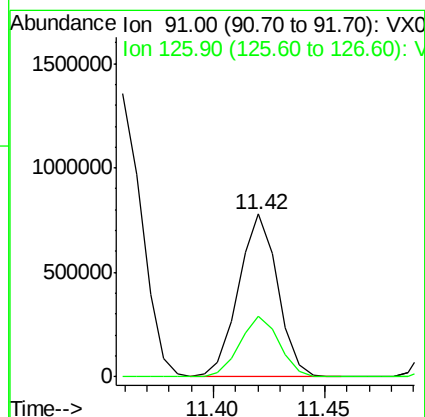
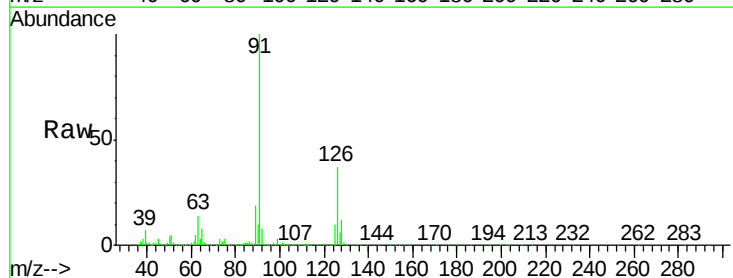
Acq: 20 Dec 2018 00:44

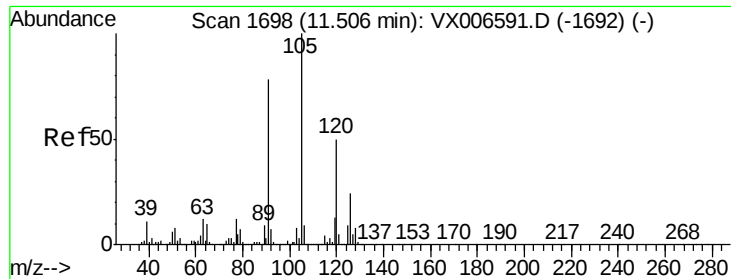
Tgt Ion: 91 Resp: 953076

Ion Ratio Lower Upper

91 100

126 37.6 18.6 56.0





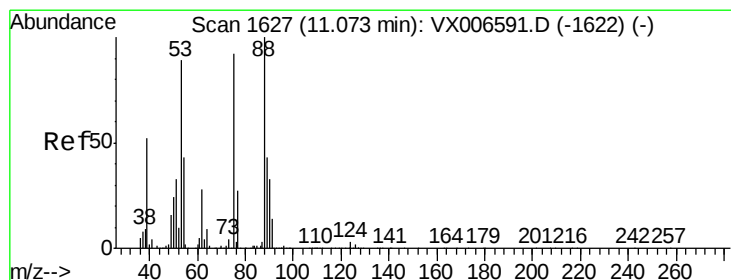
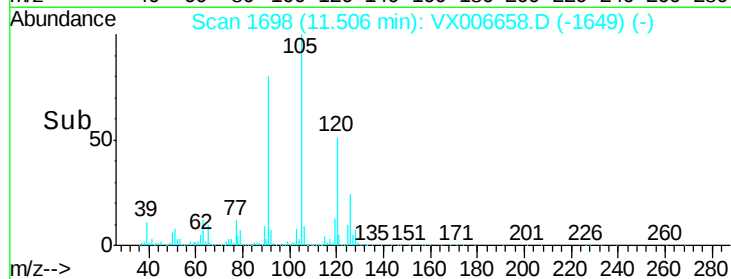
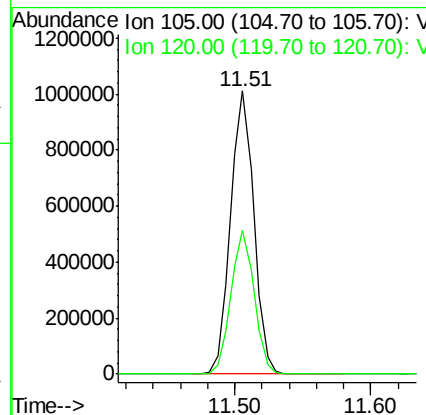
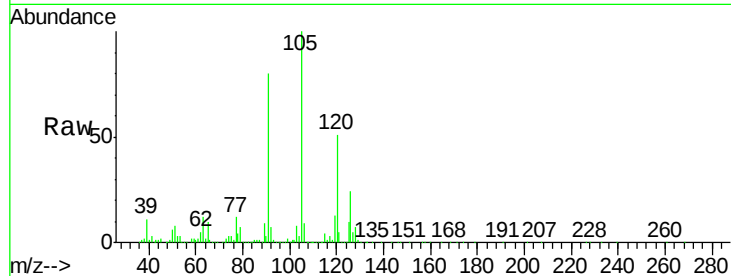
#80
 1,3,5-Trimethylbenzene
 Concen: 49.455 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX006658.D
 Acq: 20 Dec 2018 00:44

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

Tot Ion:105 Resp: 1200062
 Ion Ratio Lower Upper
 105 100
 120 50.6 25.1 75.3

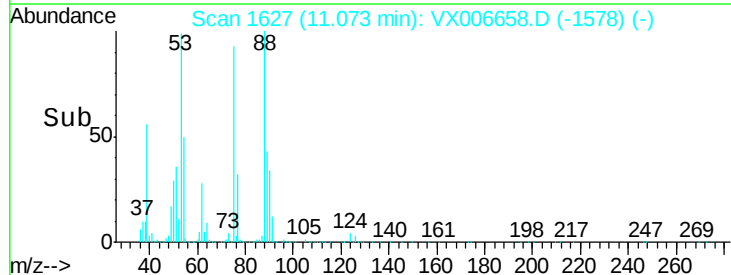
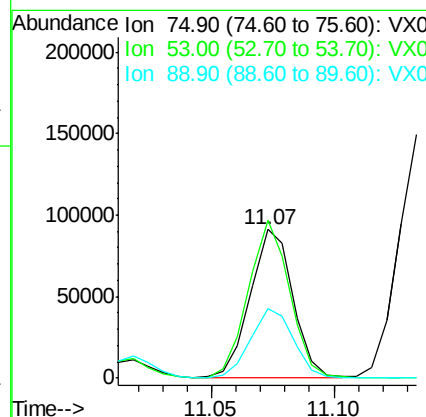
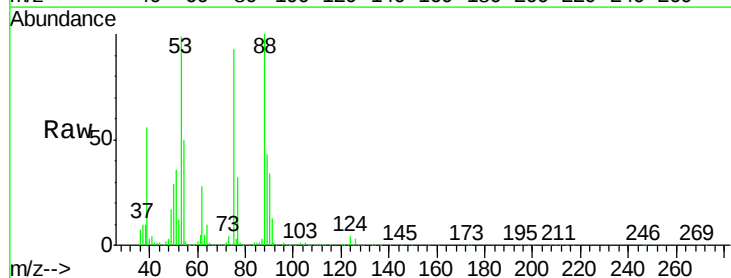
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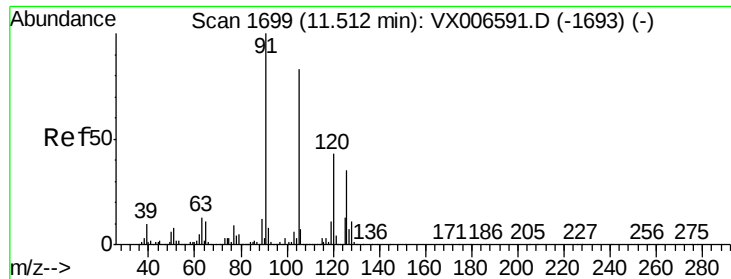
MMDadoda
 12/20/2018 10:00:46 AM



#81
 trans-1,4-Dichloro-2-butene
 Concen: 42.563 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VX006658.D
 Acq: 20 Dec 2018 00:44

Tgt Ion: 75 Resp: 110123
 Ion Ratio Lower Upper
 75 100
 53 103.5 79.7 119.5
 89 47.6 38.0 57.0





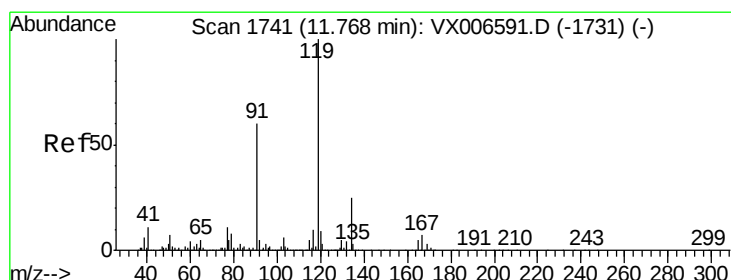
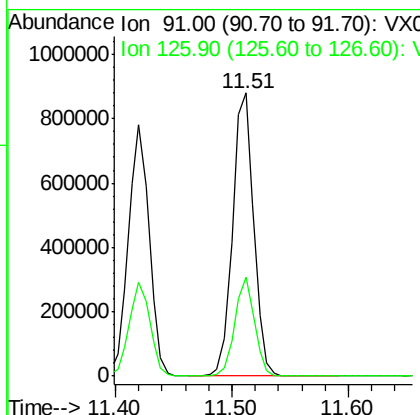
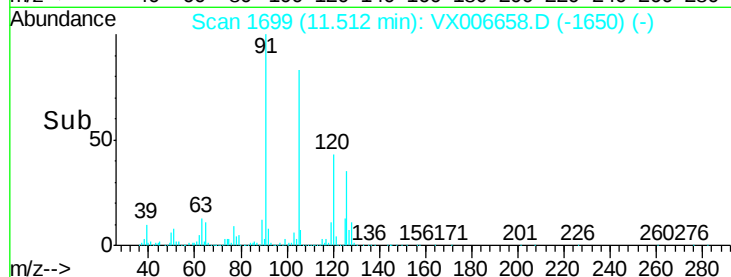
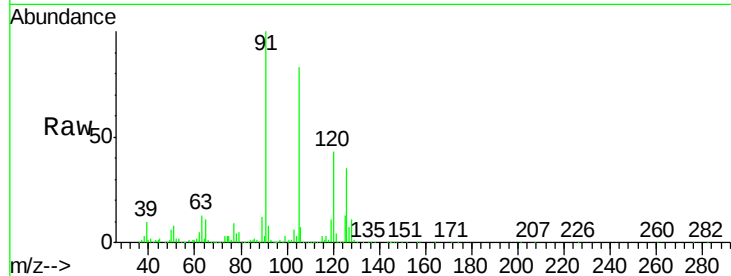
#82
4-Chlorotoluene
Concen: 49.178 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX006658.D
Acq: 20 Dec 2018 00:44

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

Tot Ion: 91 Resp: 1109057
Ion Ratio Lower Upper
91 100
126 32.8 16.3 48.9

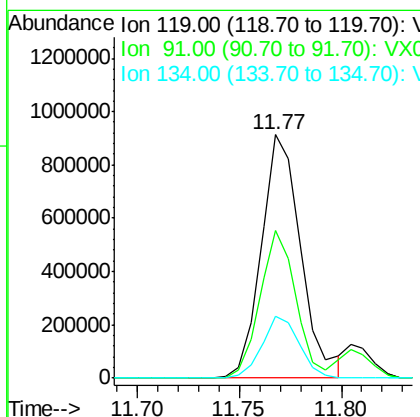
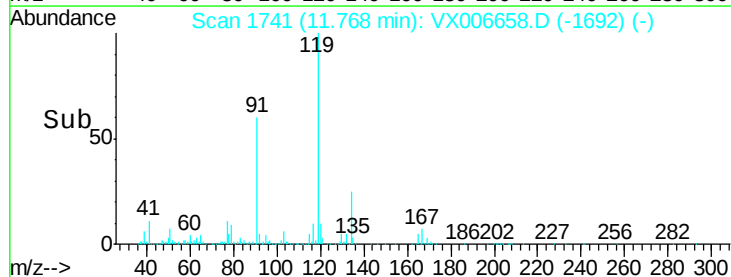
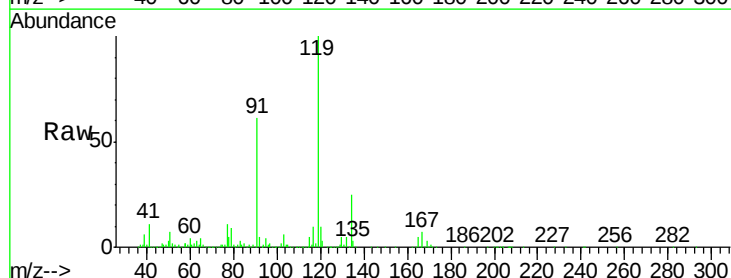
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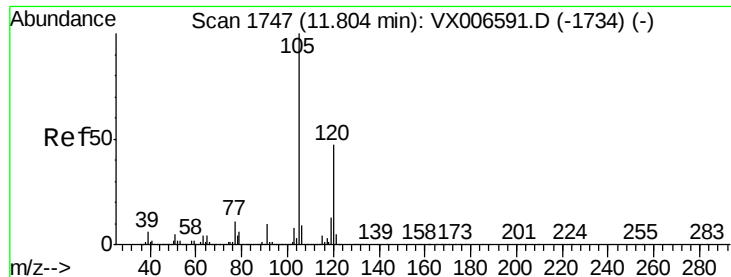
MMDadoda
12/20/2018 10:00:46 AM



#83
tert-Butylbenzene
Concen: 50.757 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX006658.D
Acq: 20 Dec 2018 00:44

Tgt Ion: 119 Resp: 1232702
Ion Ratio Lower Upper
119 100
91 55.1 27.7 83.1
134 24.0 11.9 35.5





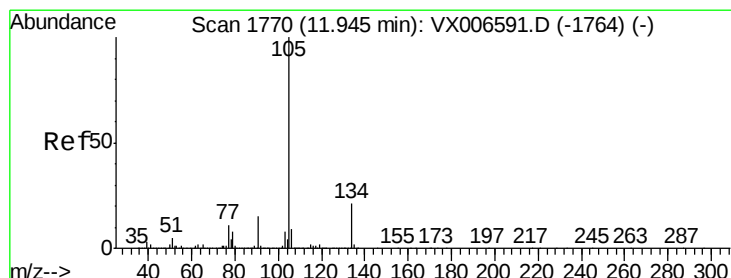
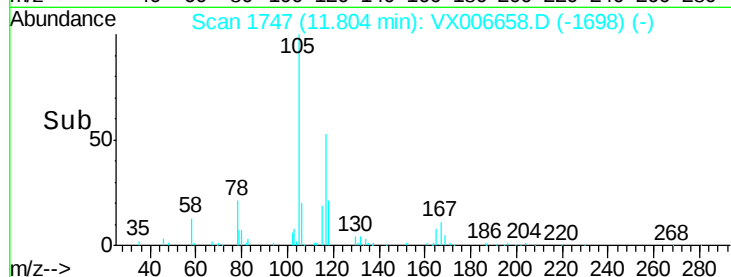
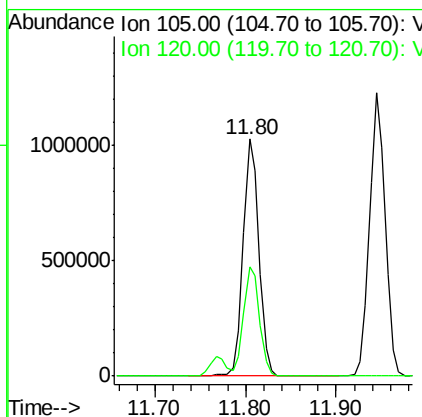
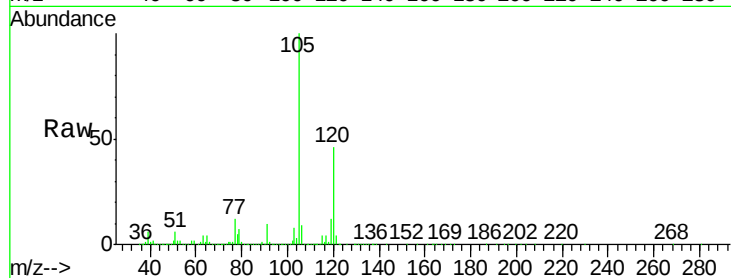
#84
 1,2,4-Trimethylbenzene
 Concen: 48.571 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX006658.D
 Acq: 20 Dec 2018 00:44

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

Tot Ion:105 Resp: 1239715
 Ion Ratio Lower Upper
 105 100
 120 46.2 23.2 69.6

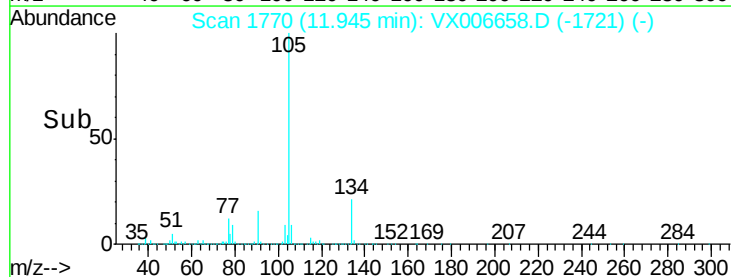
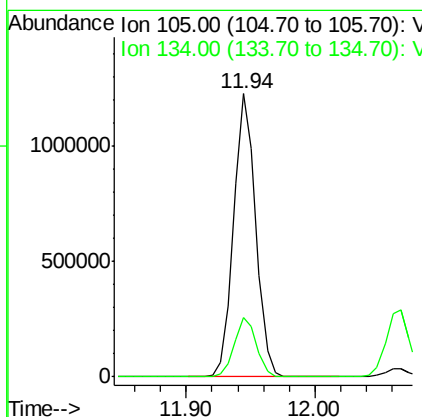
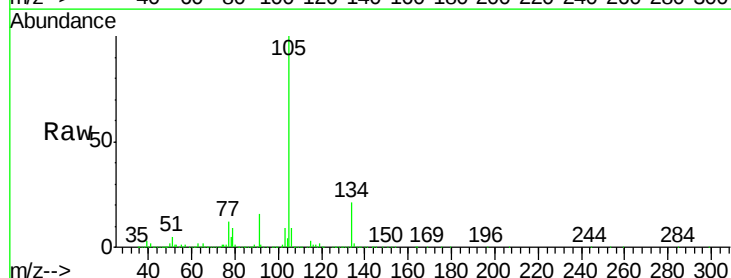
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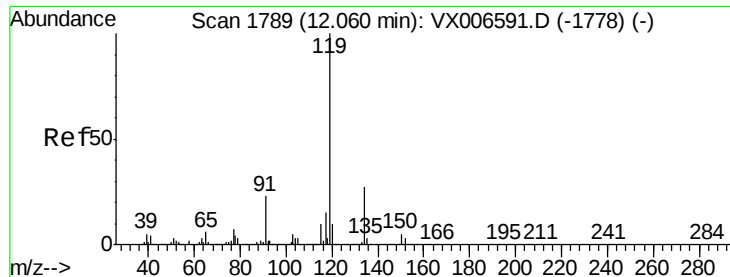
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 12/20/2018 10:00:46 AM



#85
 sec-Butylbenzene
 Concen: 49.285 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX006658.D
 Acq: 20 Dec 2018 00:44

Tgt Ion:105 Resp: 1467524
 Ion Ratio Lower Upper
 105 100
 134 21.2 10.7 31.9





#86

p-Isopropyltoluene

Concen: 50.291 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.01 min

Lab File: VX006658.D

Acq: 20 Dec 2018 00:44

Instrument :

MSVOA_X

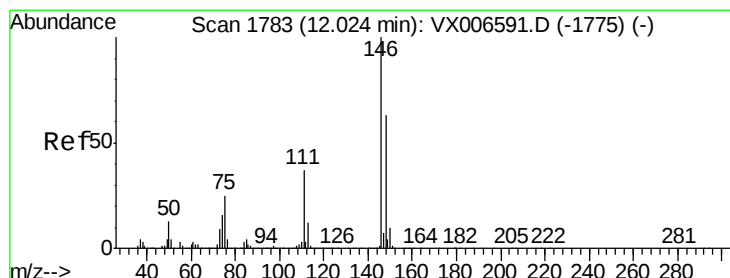
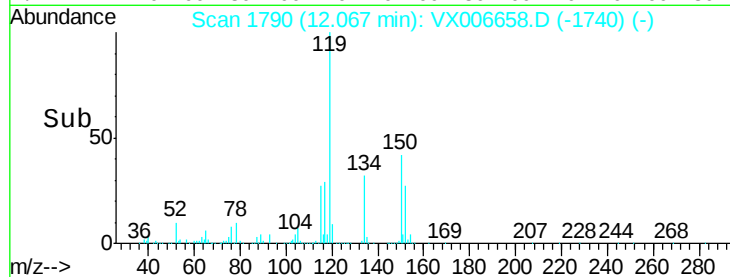
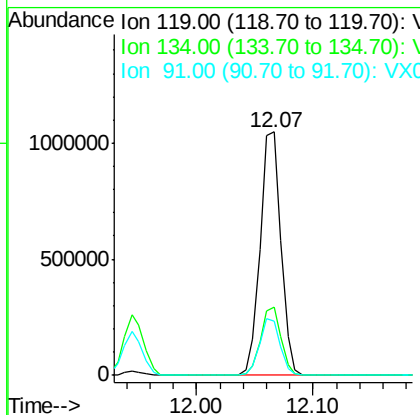
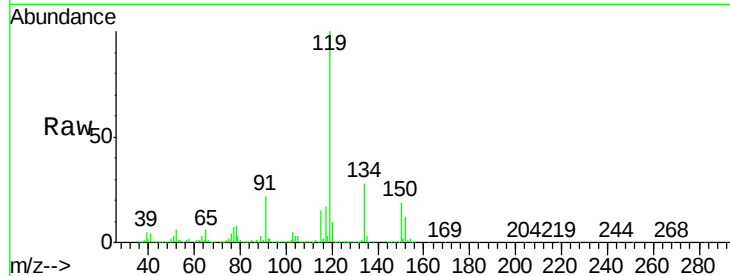
ClientSampleId :

966-MW-04(23)MS

Tot Ion:	119	Resp:	1316354
Ion Ratio	Lower	Upper	
119	100		
134	27.5	14.0	41.9
91	22.8	11.3	33.9

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#87

1,3-Dichlorobenzene

Concen: 49.436 ug/l

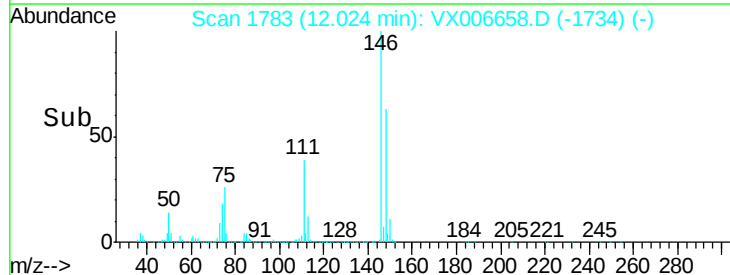
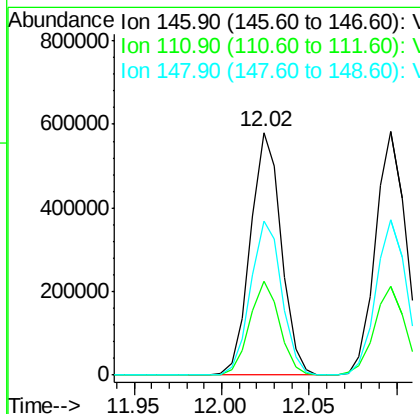
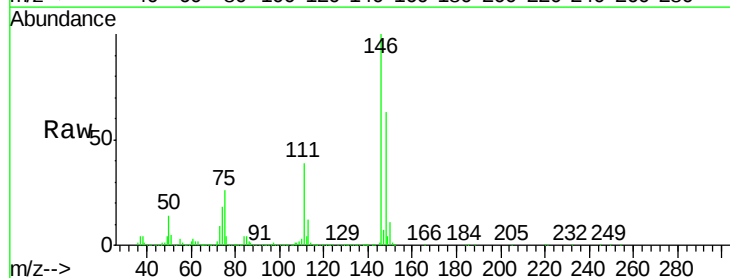
RT: 12.02 min Scan# 1783

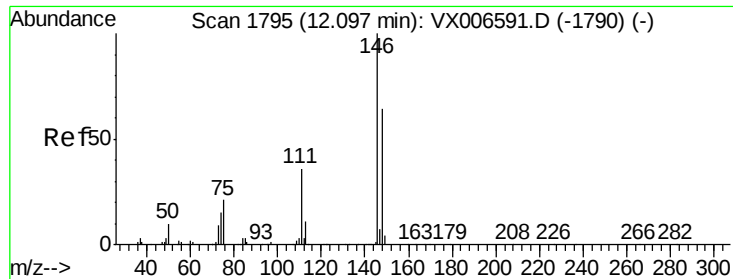
Delta R.T. -0.00 min

Lab File: VX006658.D

Acq: 20 Dec 2018 00:44

Tgt Ion:	146	Resp:	709637
Ion Ratio	Lower	Upper	
146	100		
111	37.8	18.6	55.8
148	64.2	31.8	95.3





#88

1,4-Dichlorobenzene

Concen: 48.011 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX006658.D

Acq: 20 Dec 2018 00:44

Instrument :

MSVOA_X

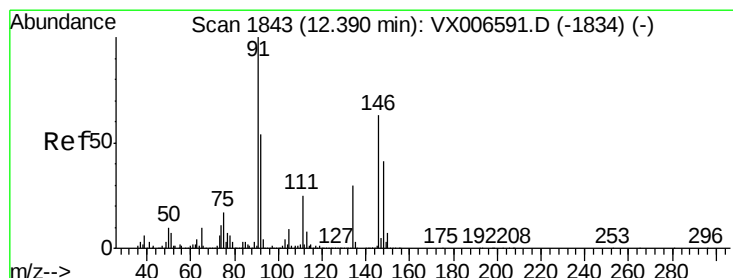
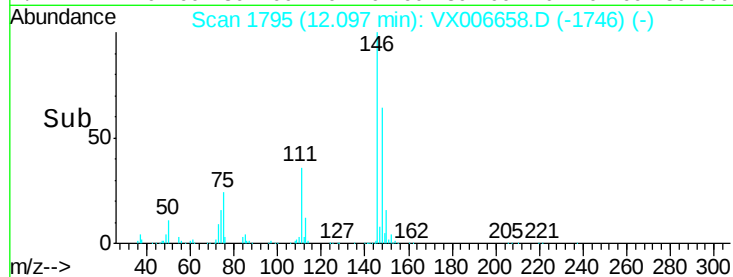
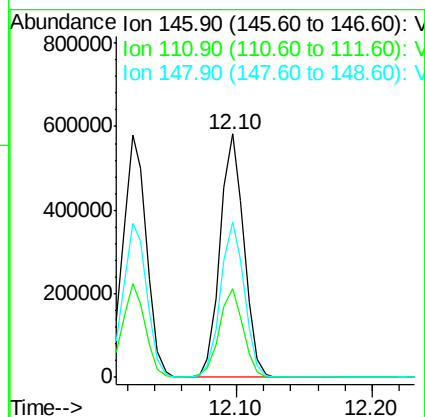
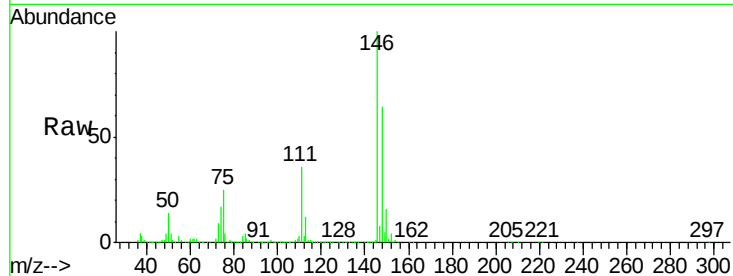
ClientSampleId :

966-MW-04(23)MS

Tot Ion:	146	Resp:	706516
Ion Ratio		Lower	Upper
146	100		
111	36.6	18.1	54.1
148	64.0	31.9	95.9

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#89

n-Butylbenzene

Concen: 49.666 ug/l

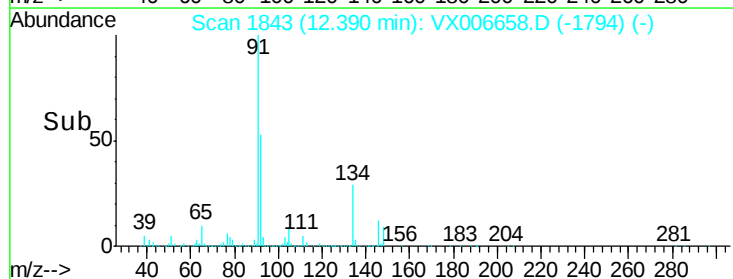
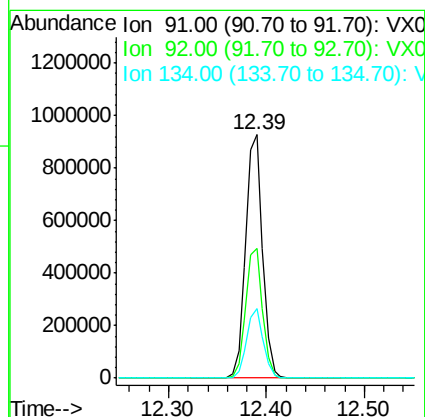
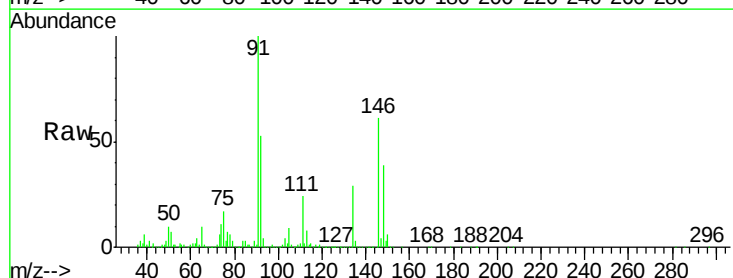
RT: 12.39 min Scan# 1843

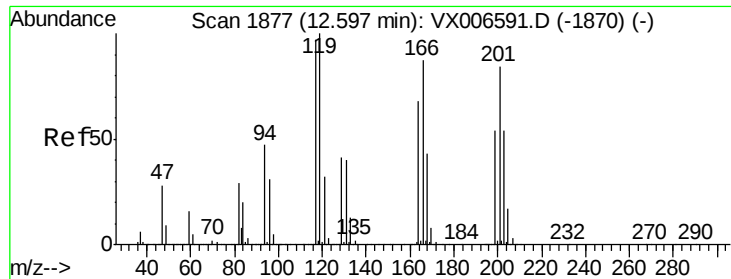
Delta R.T. -0.00 min

Lab File: VX006658.D

Acq: 20 Dec 2018 00:44

Tgt Ion:	91	Resp:	1106366
Ion Ratio		Lower	Upper
91	100		
92	53.2	26.8	80.4
134	28.3	14.4	43.2





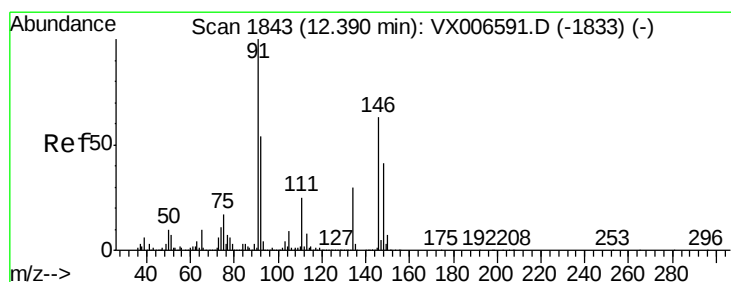
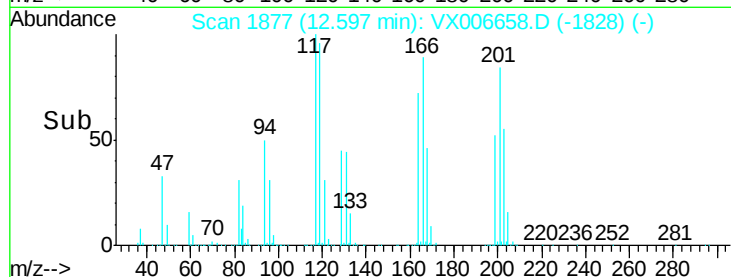
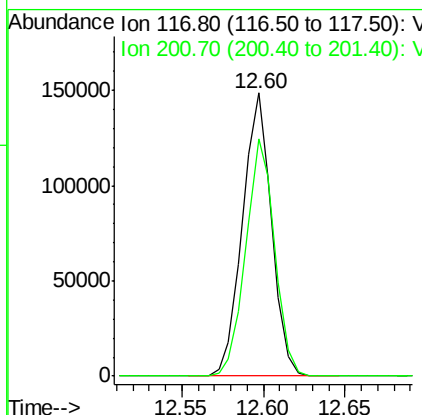
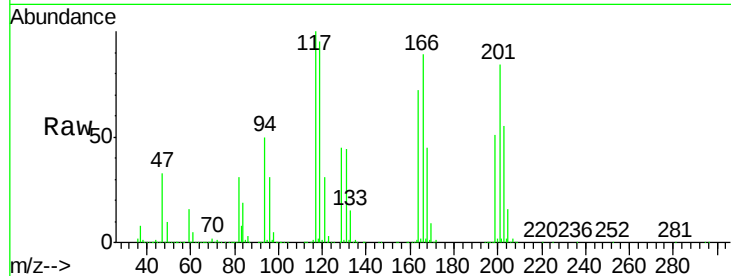
#90
Hexachloroethane
Concen: 45.332 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006658.D
Acq: 20 Dec 2018 00:44

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

Tot Ion:117 Resp: 184355
Ion Ratio Lower Upper
117 100
201 83.5 42.9 128.7

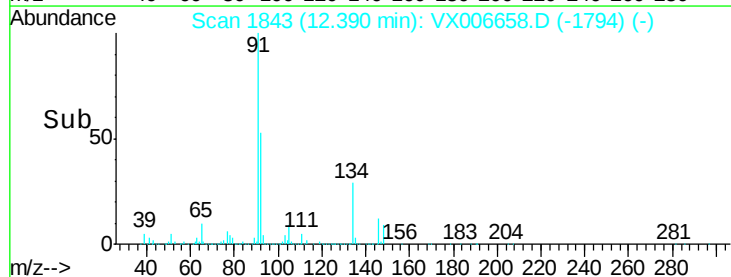
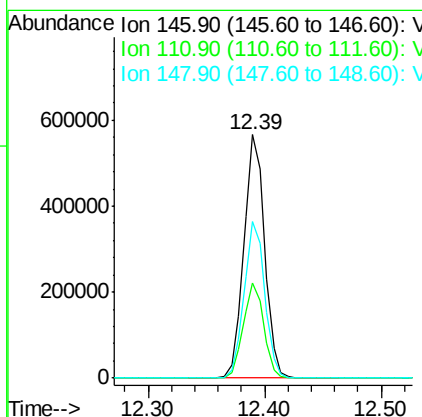
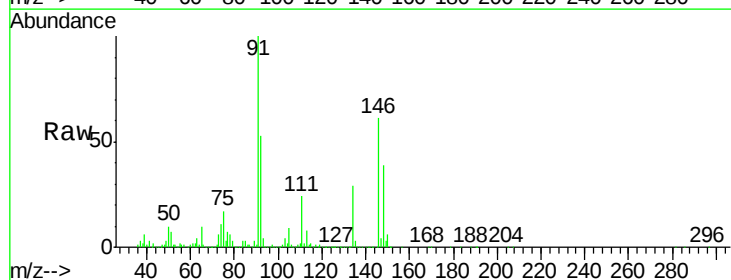
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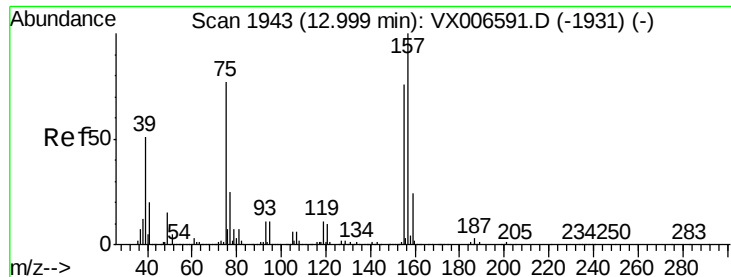
MMDadoda
12/20/2018 10:00:46 AM



#91
1,2-Dichlorobenzene
Concen: 49.054 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX006658.D
Acq: 20 Dec 2018 00:44

Tgt Ion:146 Resp: 704402
Ion Ratio Lower Upper
146 100
111 38.8 19.4 58.2
148 64.3 32.3 96.9





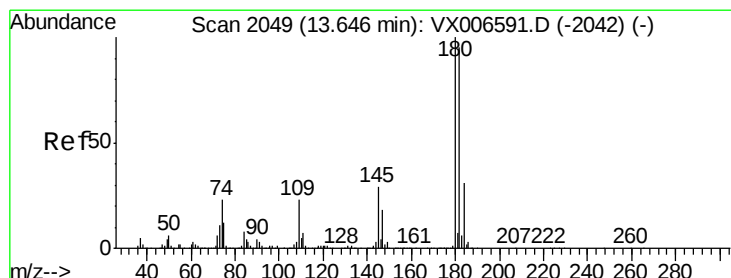
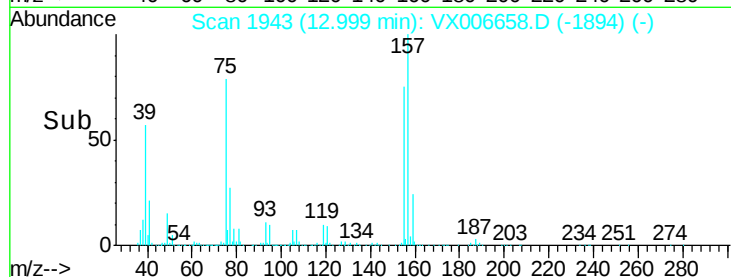
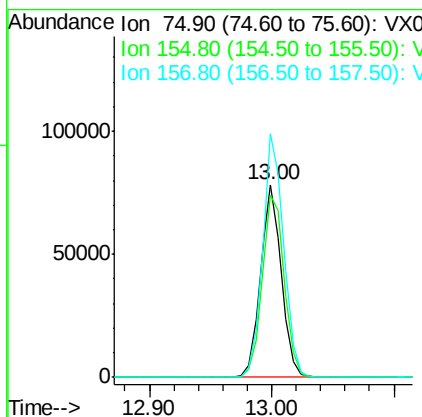
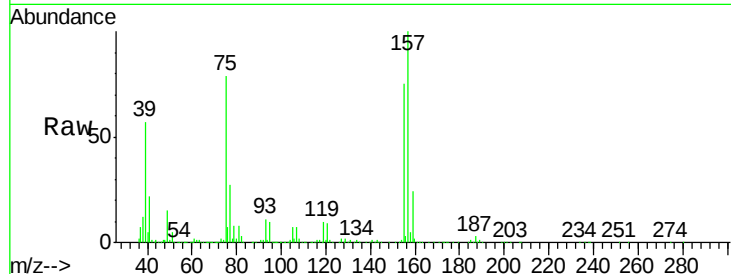
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.415 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX006658.D
 Acq: 20 Dec 2018 00:44

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

Tot Ion	Ratio	Lower	Upper
75	100		
155	99.9	50.6	151.8
157	127.4	64.6	193.8

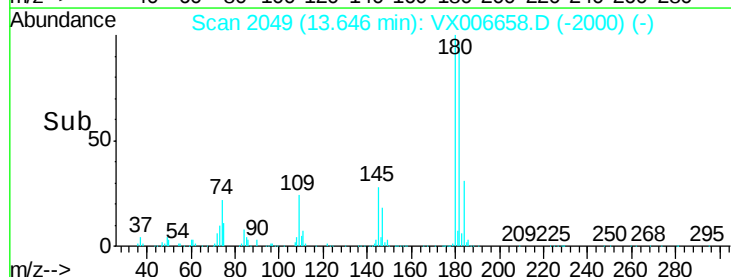
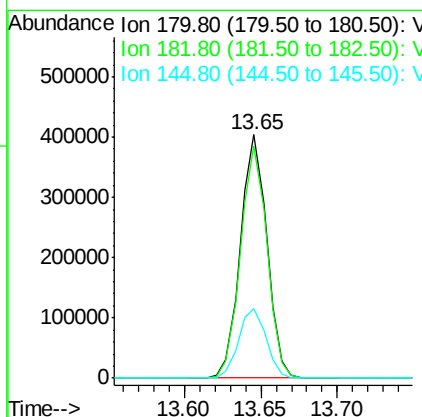
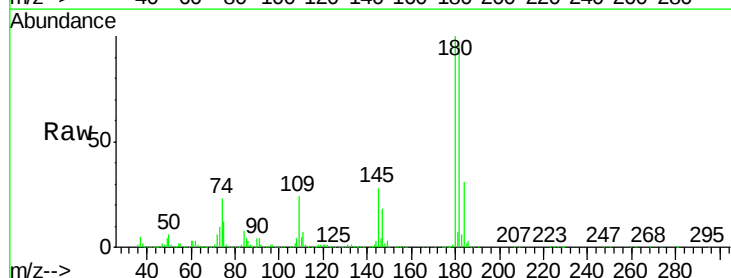
Manual Integrations
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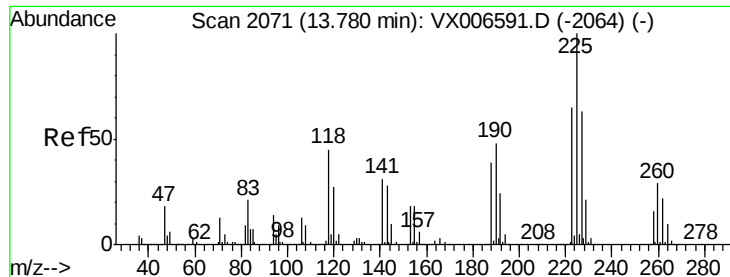
MMDadoda
 12/20/2018 10:00:46 AM



#93
 1,2,4-Trichlorobenzene
 Concen: 48.743 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX006658.D
 Acq: 20 Dec 2018 00:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.3	142.0
145	29.6	14.8	44.3





#94

Hexachlorobutadiene

Concen: 45.379 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. -0.00 min

Lab File: VX006658.D

Acq: 20 Dec 2018 00:44

Instrument :

MSVOA_X

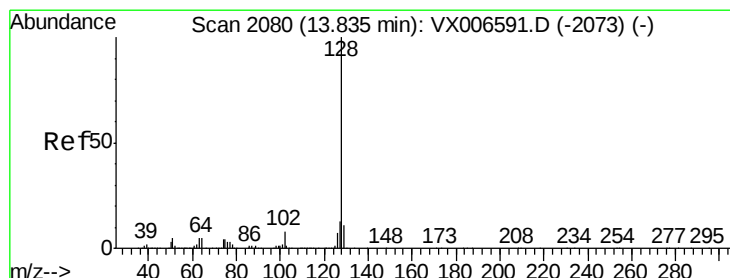
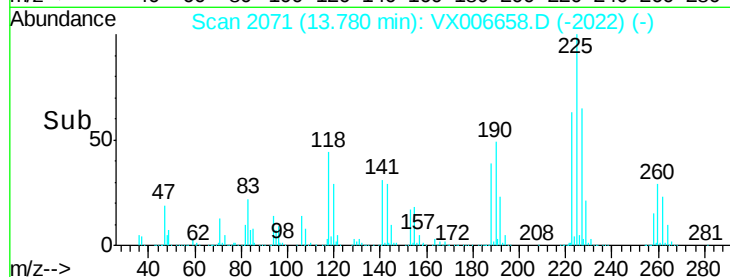
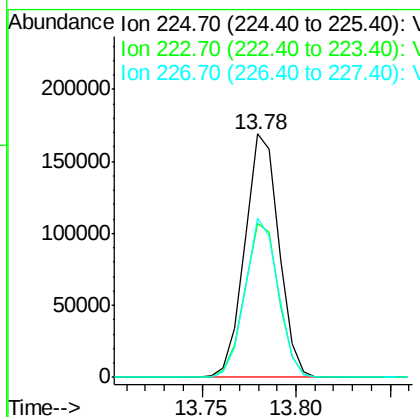
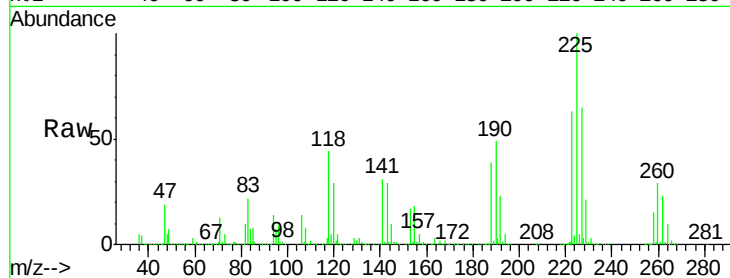
ClientSampleId :

966-MW-04(23)MS

Tot Ion:	225	Resp:	211863
Ion Ratio		Lower	Upper
225	100		
223	63.5	32.1	96.3
227	63.5	32.3	96.8

Manual Integrations
APPROVED

MMDadoda
12/20/2018 10:00:46 AM



#95

Naphthalene

Concen: 49.760 ug/l

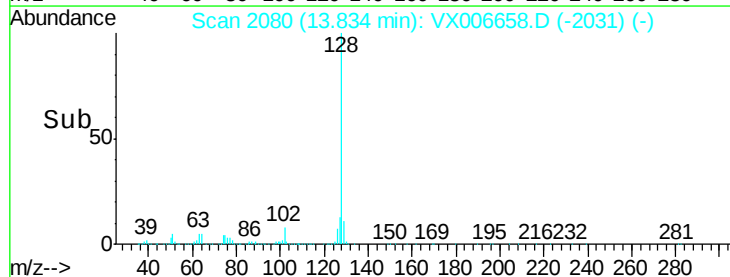
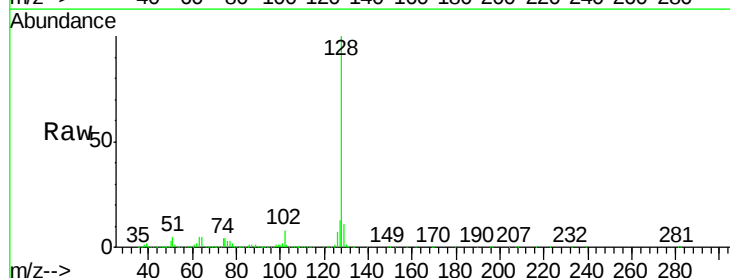
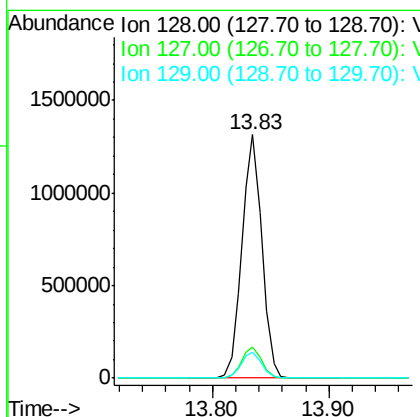
RT: 13.83 min Scan# 2080

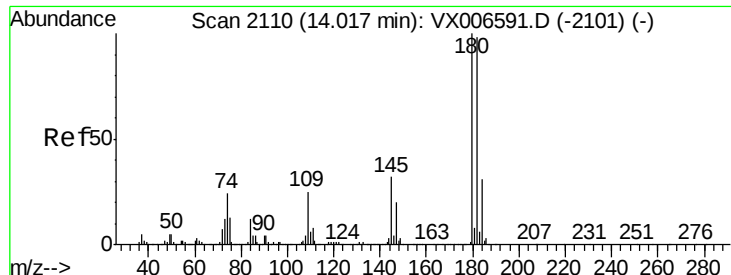
Delta R.T. -0.00 min

Lab File: VX006658.D

Acq: 20 Dec 2018 00:44

Tgt Ion:	128	Resp:	1573126
Ion Ratio		Lower	Upper
128	100		
127	13.1	10.1	15.1
129	11.0	8.6	13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 48.459 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. -0.00 min
 Lab File: VX006658.D
 Acq: 20 Dec 2018 00:44

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

Tot Ion	Ratio	Resp	Lower	Upper
180	100	495594		
182	94.2		48.5	145.5
145	31.1		16.0	47.9

Manual Integrations
 APPROVED

MMDadoda
 12/20/2018 10:00:46 AM

