

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031919\
 Data File : VN054453.D
 Acq On : 19 Mar 2019 21:07
 Operator : JC/SP
 Sample : K1960-13MS
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T11-MW-3-8.0-031519MS

Manual Integrations
 APPROVED

MMDadoda
 3/20/2019 12:22:02 PM

Quant Time: Mar 20 05:02:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 13 03:33:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1279825	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1990687	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1716611	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	795125	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	641105	47.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.34%	
35) Dibromofluoromethane	7.59	113	655844	51.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.16%	
50) Toluene-d8	10.09	98	2354709	49.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.32%	
62) 4-Bromofluorobenzene	12.40	95	796932	48.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	561905	46.326	ug/l	98
3) Chloromethane	2.06	50	551611	46.817	ug/l	99
4) Vinyl Chloride	2.19	62	592864	44.024	ug/l	99
5) Bromomethane	2.57	94	386504	41.439	ug/l	96
6) Chloroethane	2.71	64	348242	42.739	ug/l	99
7) Trichlorofluoromethane	3.02	101	732355	40.903	ug/l	100
8) Diethyl Ether	3.41	74	390772	47.894	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.75	101	589489	43.936	ug/l	99
10) Methyl Iodide	3.94	142	981164	51.449	ug/l	99
11) Tert butyl alcohol	4.82	59	221437	237.650	ug/l	98
12) 1,1-Dichloroethene	3.73	96	605697	45.555	ug/l	96
13) Acrolein	3.61	56	177564	201.106	ug/l	99
14) Allyl chloride	4.32	41	855834	50.168	ug/l	92
15) Acrylonitrile	4.99	53	1100575	287.547	ug/l	99
16) Acetone	3.82	43	703063	180.660	ug/l	96
17) Carbon Disulfide	4.04	76	1418522	42.559	ug/l	99
18) Methyl Acetate	4.33	43	658686	83.659	ug/l	97
19) Methyl tert-butyl Ether	5.05	73	1823282	55.324	ug/l	99
20) Methylene Chloride	4.54	84	699957	54.777	ug/l	96
21) trans-1,2-Dichloroethene	5.04	96	657008	51.573	ug/l	98
22) Diisopropyl ether	5.96	45	1859969	54.629	ug/l	95
23) Vinyl Acetate	5.90	43	5959788	237.412	ug/l	98
24) 1,1-Dichloroethane	5.85	63	1166266	53.349	ug/l	99
25) 2-Butanone	6.84	43	1169527	256.049	ug/l	96
26) 2,2-Dichloropropane	6.82	77	764296	39.756	ug/l	96
27) cis-1,2-Dichloroethene	6.83	96	789008	55.516	ug/l	95
28) Bromochloromethane	7.19	49	463680	51.883	ug/l	94
29) Tetrahydrofuran	7.22	42	772896	263.177	ug/l	96
30) Chloroform	7.37	83	1213161	53.181	ug/l	99
31) Cyclohexane	7.65	56	964256	47.108	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	1012067	49.124	ug/l	98
36) 1,1-Dichloropropene	7.79	75	881683	48.094	ug/l	99
37) Ethyl Acetate	6.94	43	490179	46.535	ug/l	97
38) Carbon Tetrachloride	7.77	117	877992	45.669	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	930396	41.248	ug/l	99
40) Benzene	8.04	78	2767273	52.750	ug/l	99
41) Methacrylonitrile	7.17	41	289326	48.106	ug/l	94
42) 1,2-Dichloroethane	8.13	62	832496	47.003	ug/l	97
43) Isopropyl Acetate	8.17	43	873047	47.219	ug/l	96
44) Trichloroethene	8.83	130	810482	49.733	ug/l	98
45) 1,2-Dichloropropane	9.12	63	713579	54.779	ug/l	99
46) Dibromomethane	9.21	93	447204	50.810	ug/l	99
47) Bromodichloromethane	9.40	83	877708	49.744	ug/l	100
48) Methyl methacrylate	9.20	41	472098	50.314	ug/l	89
49) 1,4-Dioxane	9.20	88	145424	1095.698	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	2603864	266.115	ug/l	95
52) Toluene	10.16	92	1718625	51.667	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	851586	42.507	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	1029409	50.065	ug/l #	91
55) 1,1,2-Trichloroethane	10.56	97	646413	53.222	ug/l	99
56) Ethyl methacrylate	10.43	69	807172	55.735	ug/l #	90
57) 1,3-Dichloropropane	10.71	76	1054823	53.113	ug/l	99
59) 2-Hexanone	10.75	43	1629314	250.250	ug/l	93
60) Dibromochloromethane	10.90	129	696508	50.949	ug/l	100
61) 1,2-Dibromoethane	11.01	107	644846	52.245	ug/l	100
64) Tetrachloroethene	10.63	164	713563	42.993	ug/l	99
65) Chlorobenzene	11.43	112	1981450	52.569	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	722731	52.783	ug/l	99
67) Ethyl Benzene	11.51	91	3161890	50.606	ug/l	99
68) m/p-Xylenes	11.62	106	2509963	102.781	ug/l	98
69) o-Xylene	11.95	106	1255064	52.721	ug/l	96
70) Styrene	11.96	104	1986903	53.217	ug/l	99
71) Bromoform	12.13	173	456437	44.024	ug/l	100
73) Isopropylbenzene	12.25	105	3131906	49.232	ug/l	99
74) N-amyl acetate	12.07	43	753645	53.373	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.50	83	761751	56.203	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	607047m	51.917	ug/l	
77) Bromobenzene	12.53	156	884879	52.567	ug/l	97
78) n-propylbenzene	12.59	91	3321322	48.117	ug/l	99
79) 2-Chlorotoluene	12.67	91	2064484	49.742	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	2567867	48.529	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	148230	43.336	ug/l	98
82) 4-Chlorotoluene	12.77	91	2069112	49.927	ug/l	98
83) tert-Butylbenzene	12.99	119	2255211	46.304	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	2605609	50.193	ug/l	99
85) sec-Butylbenzene	13.17	105	2812140	44.522	ug/l	100
86) p-Isopropyltoluene	13.29	119	2499620	45.109	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	1450322	51.131	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	1403256	50.360	ug/l	99
89) n-Butylbenzene	13.61	91	1872475	44.473	ug/l	99
90) Hexachloroethane	13.87	117	388157	42.304	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	1439191	51.901	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	107322	51.171	ug/l	91
93) 1,2,4-Trichlorobenzene	14.91	180	747636	44.928	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	15.01	225	404408	38.289	ug/l	99
95) Naphthalene	15.13	128	1760197	50.440	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	743035	50.433	ug/l	99

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

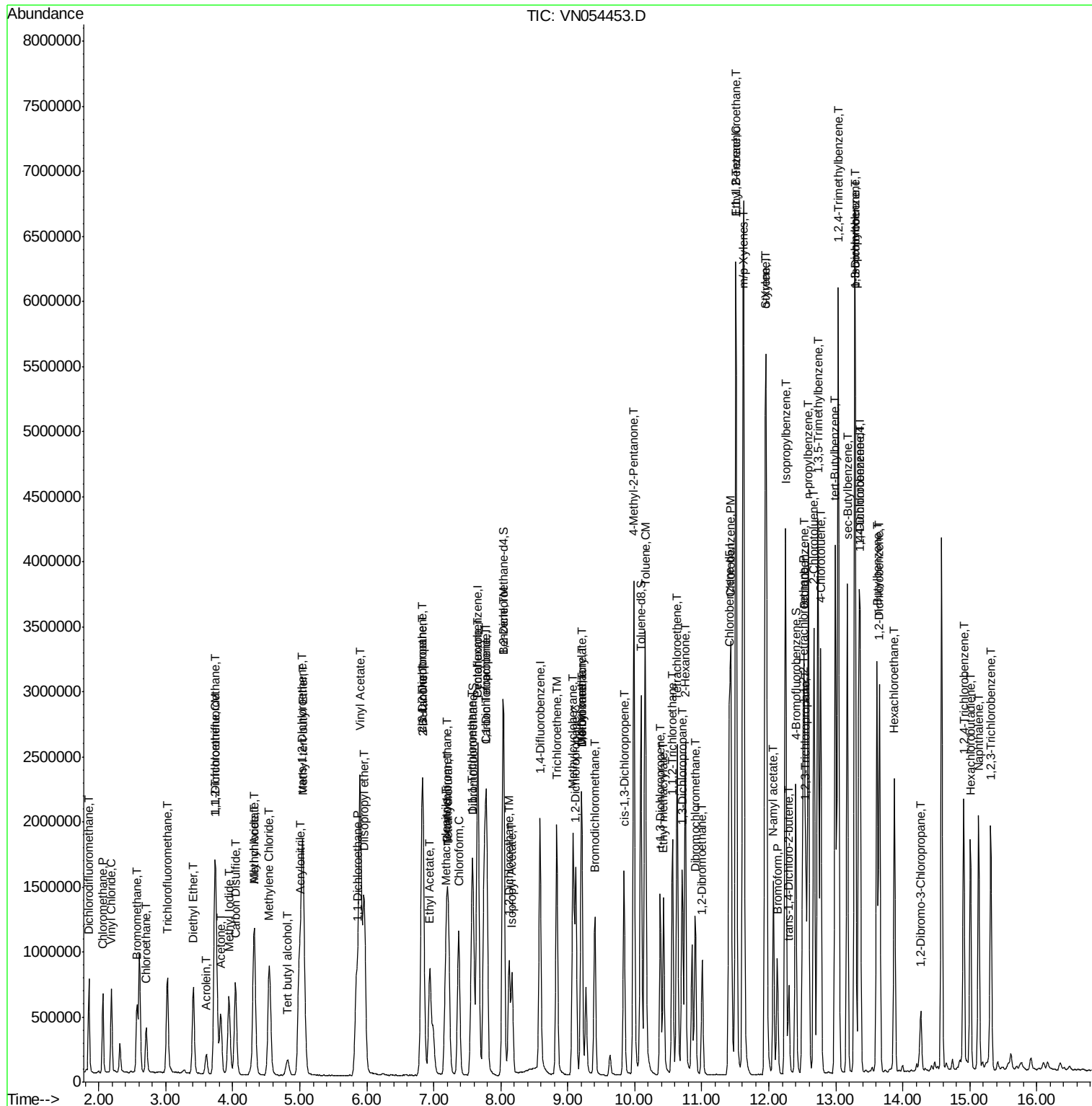
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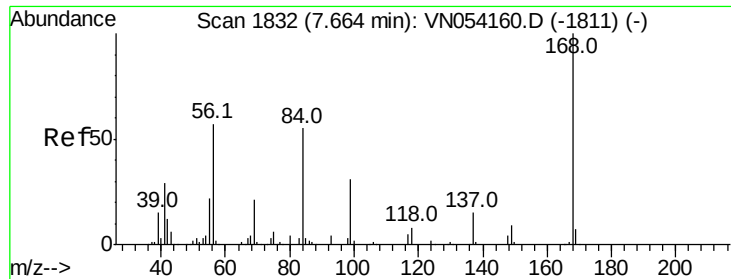
Instrument :
 MSVOA_N
 ClientSampleId :
 T11-MW-3-8.0-031519MS

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN054453.D

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Instrument :

MSVOA_N

ClientSampleId :

T11-MW-3-8.0-031519MS

Tot Ion:168 Resp: 1279825

Ion Ratio Lower Upper

168 100

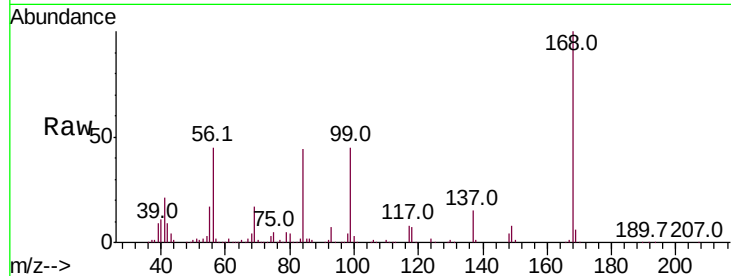
99 44.3 37.1 55.7

Manual Integrations

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3/20/2019 12:22:02 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

600000

500000

400000

300000

200000

100000

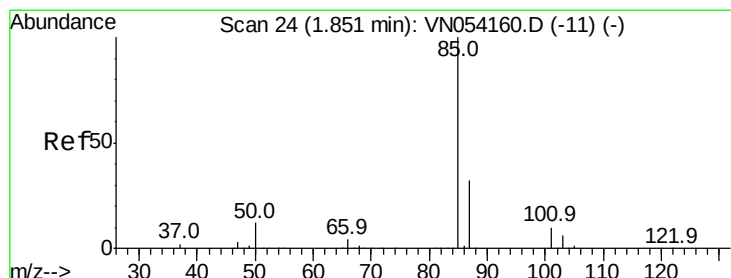
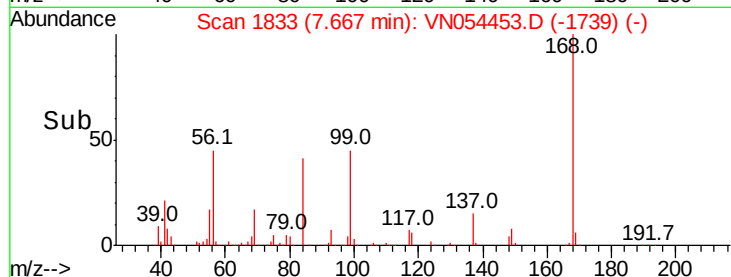
0

7.67

7.60

7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 46.326 ug/l

RT: 1.85 min Scan# 24

Delta R.T. -0.00 min

Lab File: VN054453.D

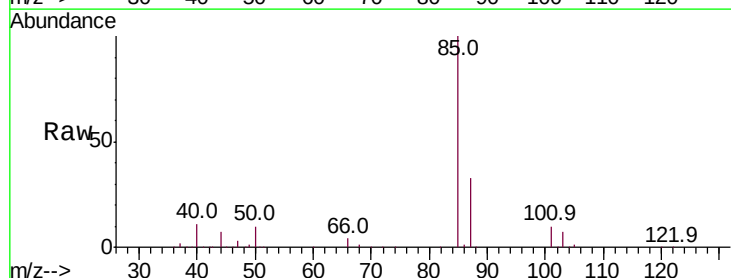
Acq: 19 Mar 2019 21:07

Tgt Ion: 85 Resp: 561905

Ion Ratio Lower Upper

85 100

87 33.1 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

400000

300000

200000

100000

0

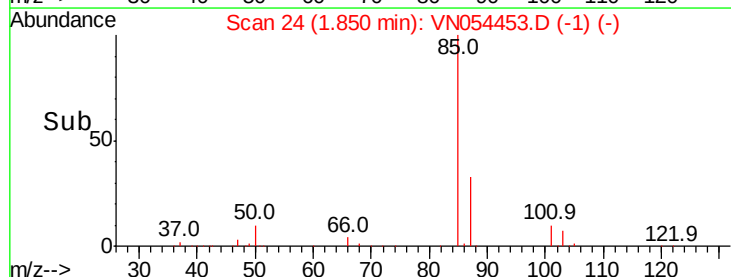
1.85

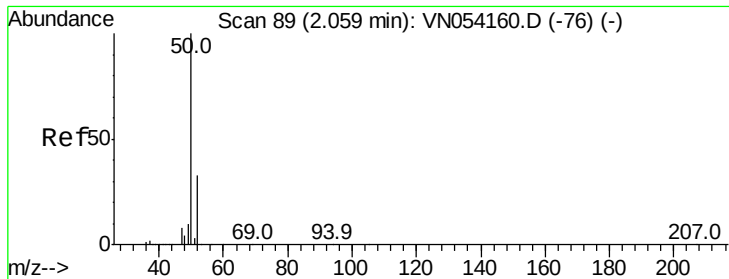
1.80

1.90

1.95

Time-->





#3

Chloromethane

Concen: 46.817 ug/l

RT: 2.06 min Scan# 89

Delta R.T. -0.00 min

Lab File: VN054453.D

Acq: 19 Mar 2019 21:07

Instrument :

MSVOA_N

ClientSampleId :

T11-MW-3-8.0-031519MS

Tot Ion: 50 Resp: 551611

Ion Ratio Lower Upper

50 100

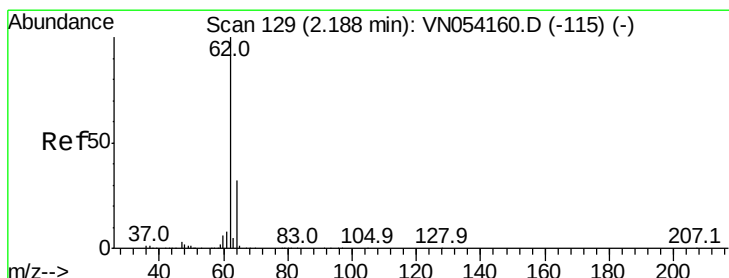
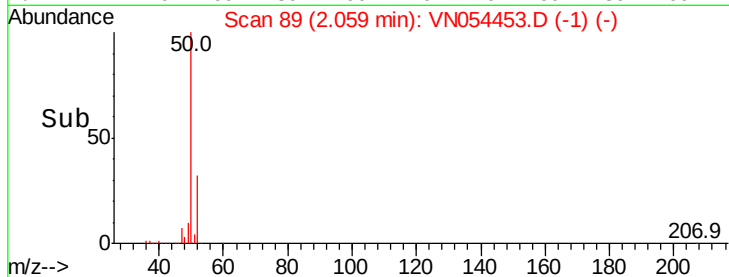
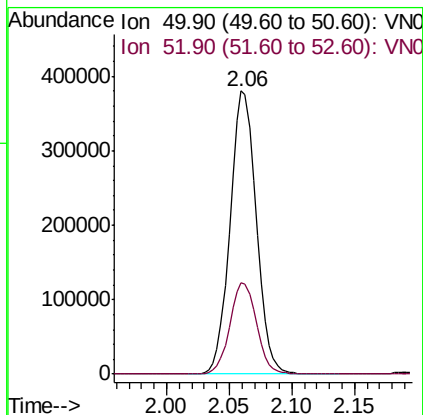
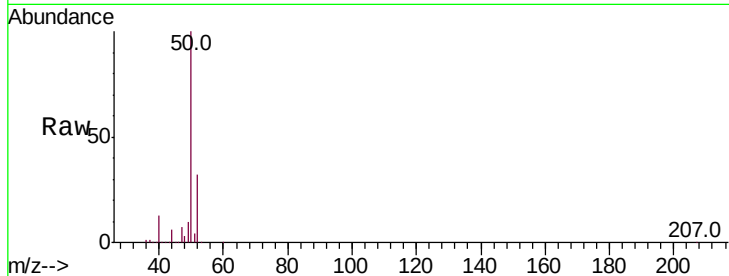
52 32.3 26.4 39.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 44.024 ug/l

RT: 2.19 min Scan# 129

Delta R.T. -0.00 min

Lab File: VN054453.D

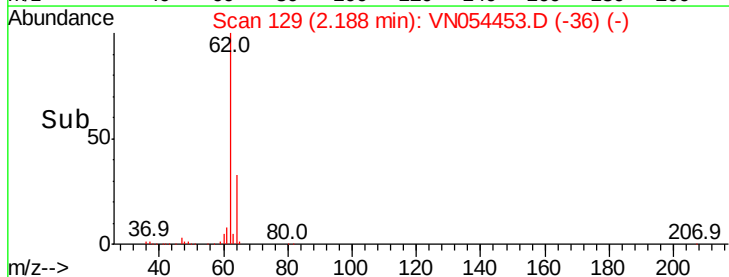
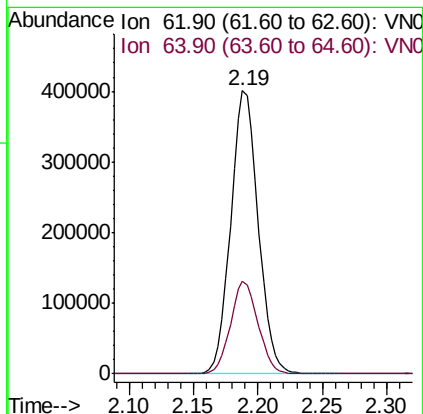
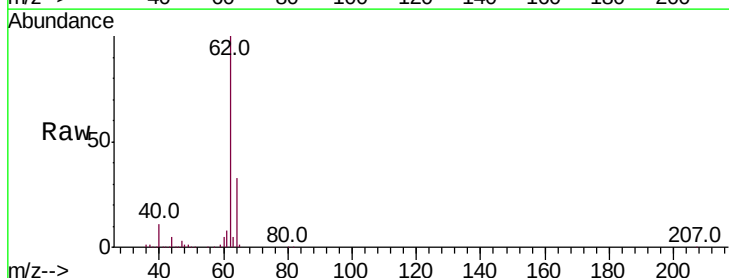
Acq: 19 Mar 2019 21:07

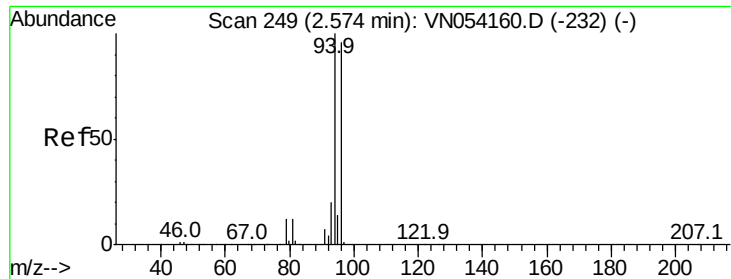
Tgt Ion: 62 Resp: 592864

Ion Ratio Lower Upper

62 100

64 32.6 25.5 38.3





#5

Bromomethane

Concen: 41.439 ug/l

RT: 2.57 min Scan# 248

Delta R.T. -0.00 min

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Tot Ion: 94 Resp: 386504

Ion Ratio Lower Upper

94 100

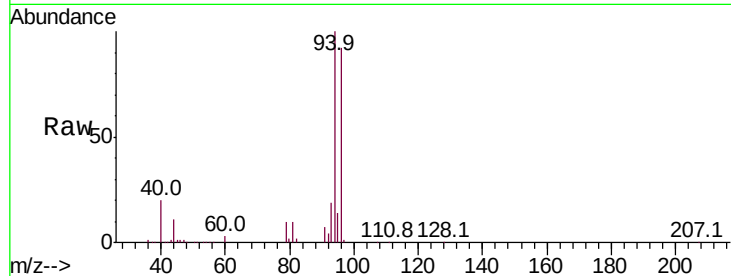
96 91.9 77.0 115.4

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

200000

150000

100000

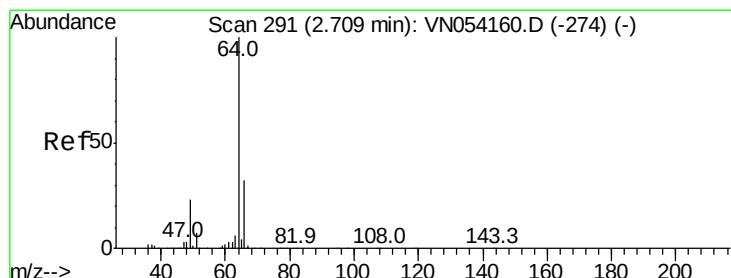
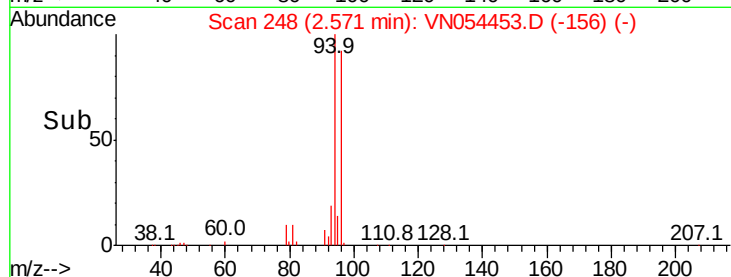
50000

0

2.50

2.60

Time-->



#6

Chloroethane

Concen: 42.739 ug/l

RT: 2.71 min Scan# 291

Delta R.T. -0.00 min

Lab File: VN054453.D

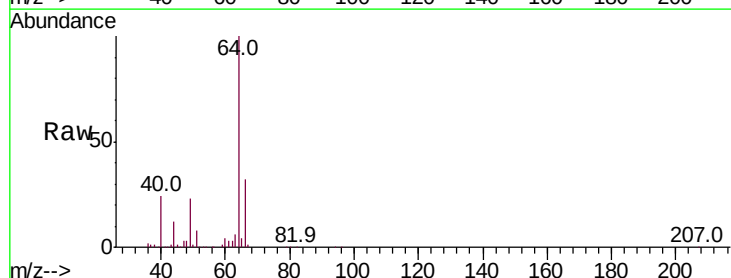
Acq: 19 Mar 2019 21:07

Tgt Ion: 64 Resp: 348242

Ion Ratio Lower Upper

64 100

66 31.8 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

200000

150000

100000

50000

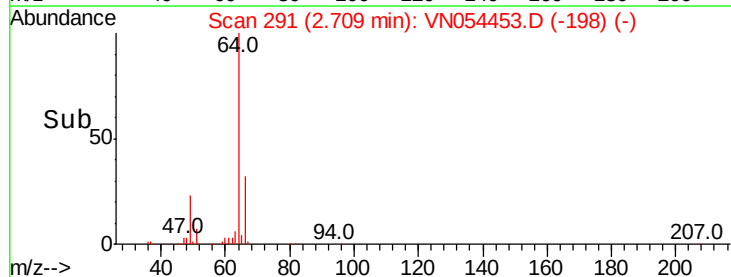
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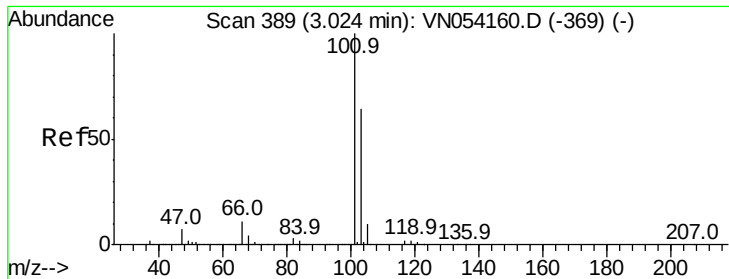
2.60

2.70

2.80

Time-->





#7

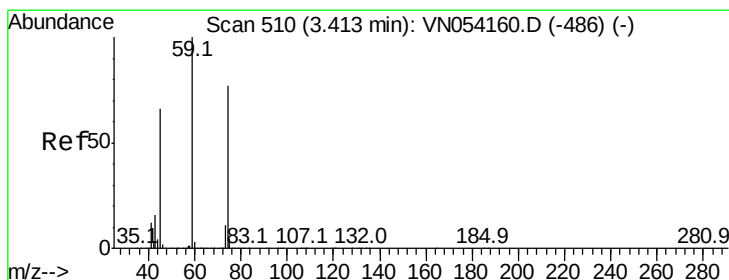
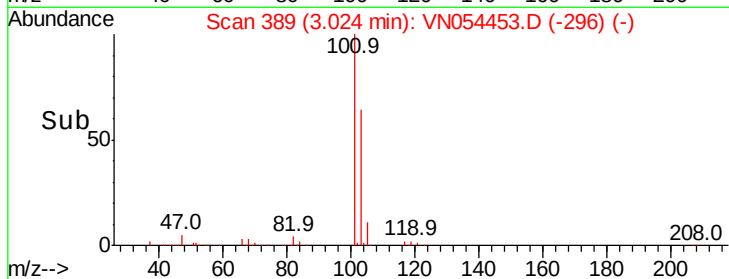
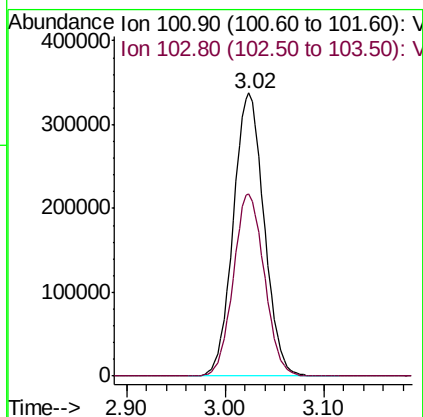
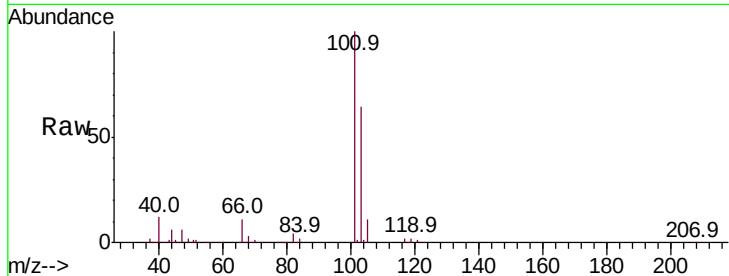
Trichlorofluoromethane
 Concen: 40.903 ug/l
 RT: 3.02 min Scan# 389
 Delta R.T. -0.00 min
 Lab File: VN054453.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.3	51.4	77.2

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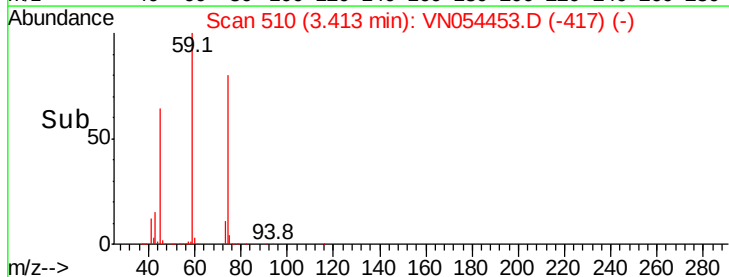
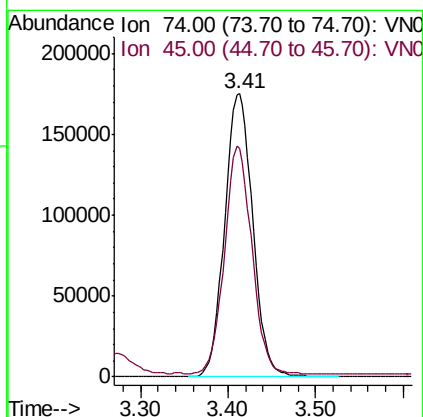
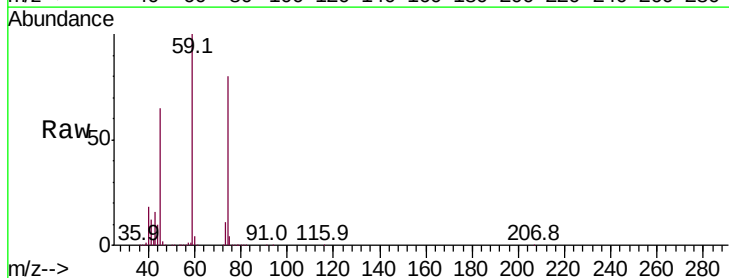
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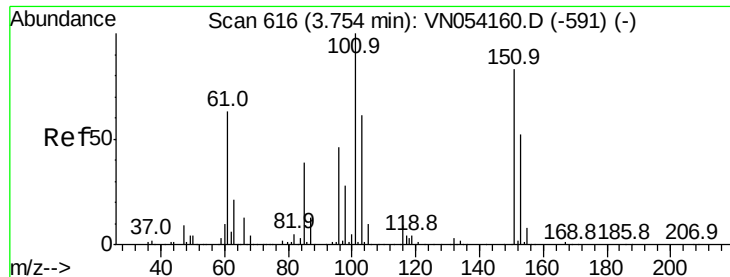


#8

Diethyl Ether
 Concen: 47.894 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. -0.00 min
 Lab File: VN054453.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	78.0	43.1	129.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 43.936 ug/l

RT: 3.75 min Scan# 615

Delta R.T. -0.00 min

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MSVOA_N

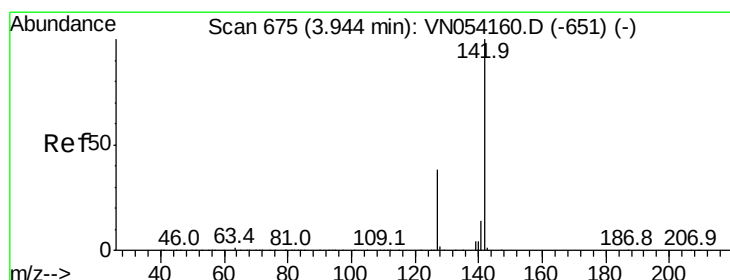
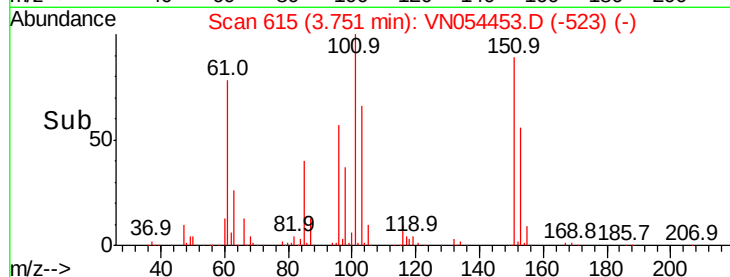
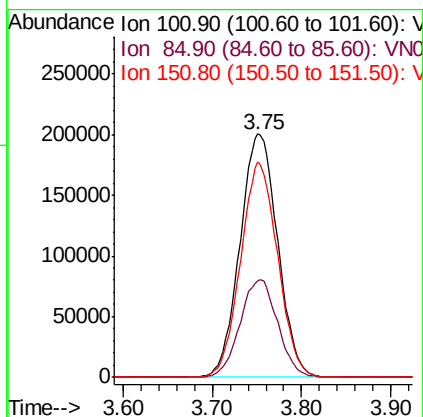
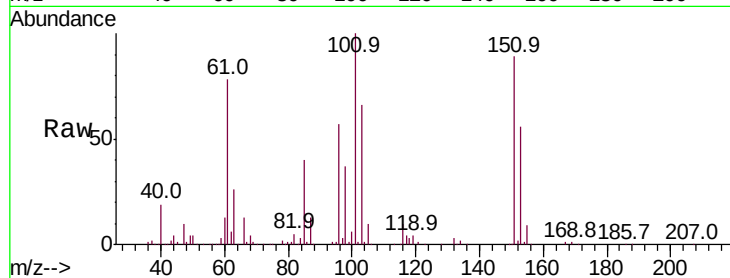
ClientSampleId :

T11-MW-3-8.0-031519MS

Tot Ion:	101	Resp:	589489
Ion Ratio	Lower	Upper	
101	100		
85	40.1	32.4	48.6
151	86.9	68.2	102.2

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#10

Methyl Iodide

Concen: 51.449 ug/l

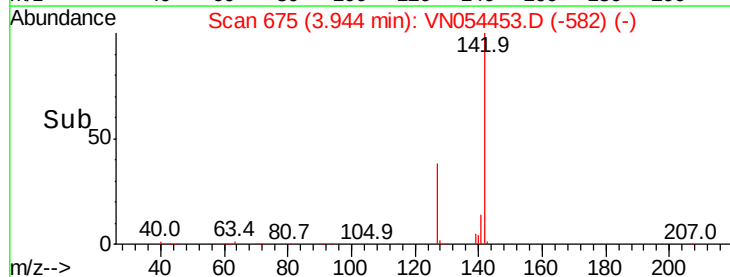
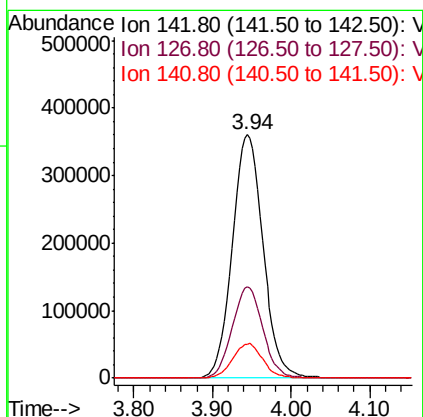
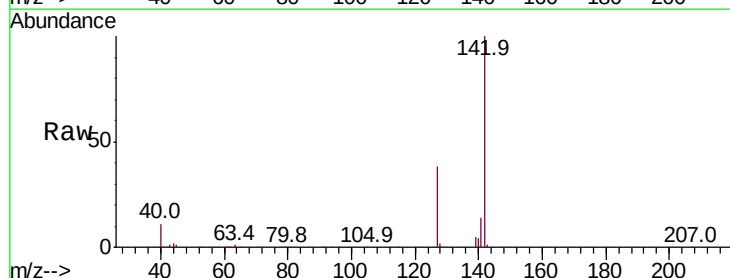
RT: 3.94 min Scan# 675

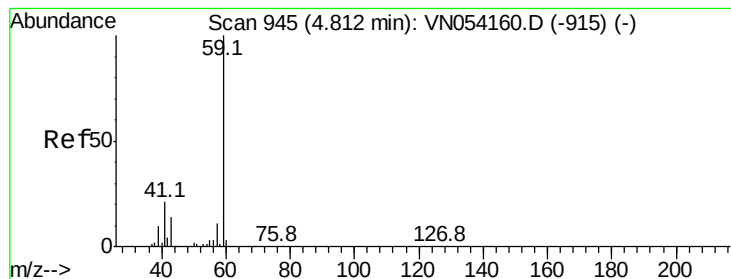
Delta R.T. -0.00 min

Lab File: VN054453.D

Acq: 19 Mar 2019 21:07

Tgt Ion:	142	Resp:	981164
Ion Ratio	Lower	Upper	
142	100		
127	37.4	30.3	45.5
141	13.9	11.2	16.8





#11

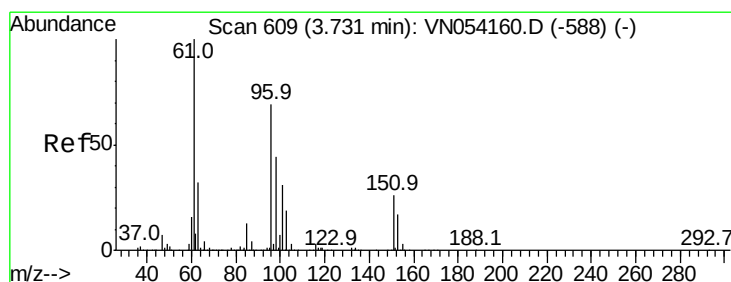
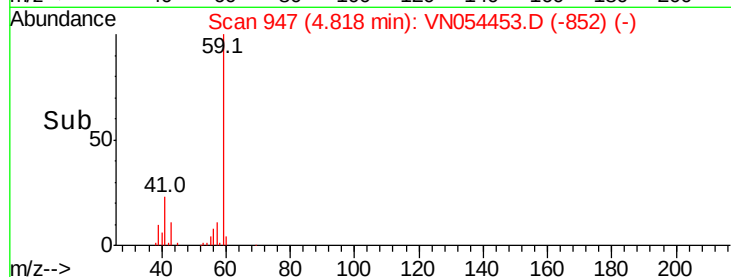
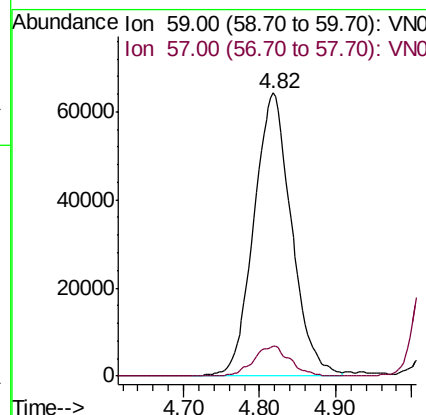
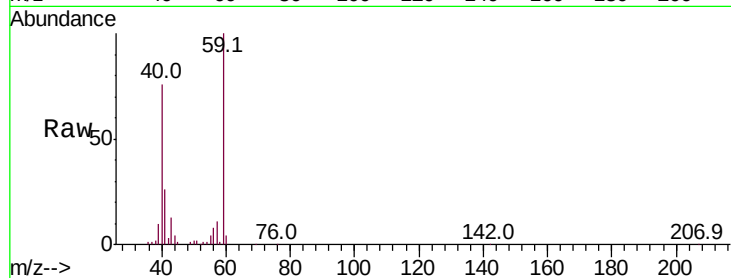
Tert butyl alcohol
 Concen: 237.650 ug/l
 RT: 4.82 min Scan# 947
 Delta R.T. 0.01 min
 Lab File: VN054453.D
 Acq: 19 Mar 2019 21:07

Instrument :
 MSVOA_N
 ClientSampleId :
 T11-MW-3-8.0-031519MS

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	9.0	13.6

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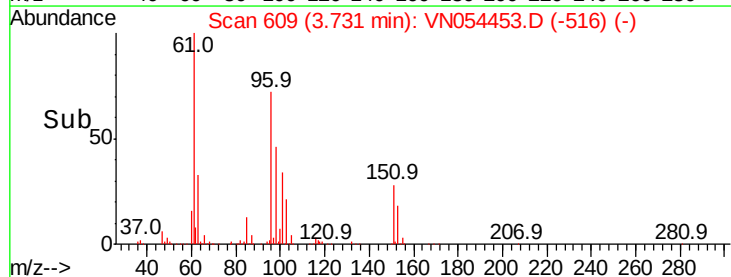
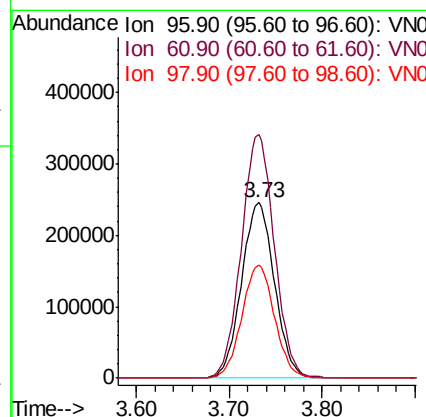
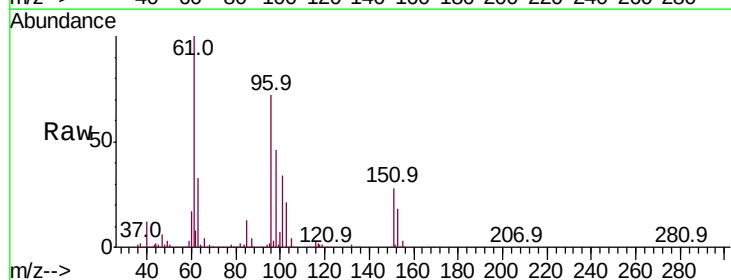
MMDadoda
 3/20/2019 12:22:02 PM

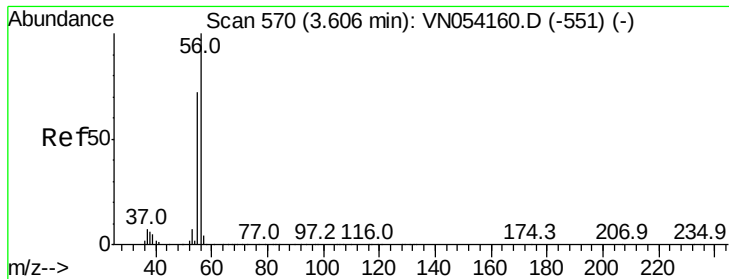


#12

1,1-Dichloroethene
 Concen: 45.555 ug/l
 RT: 3.73 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: VN054453.D
 Acq: 19 Mar 2019 21:07

Tgt Ion	Ratio	Lower	Upper
96	100		
61	138.6	116.5	174.7
98	64.4	51.0	76.4





#13

Acrolein

Concen: 201.106 ug/l

RT: 3.61 min Scan# 570

Delta R.T. -0.00 min

Lab File: VN054453.D

Acq: 19 Mar 2019 21:07

Instrument :

MSVOA_N

ClientSampleId :

T11-MW-3-8.0-031519MS

Tot Ion: 56 Resp: 177564

Ion Ratio Lower Upper

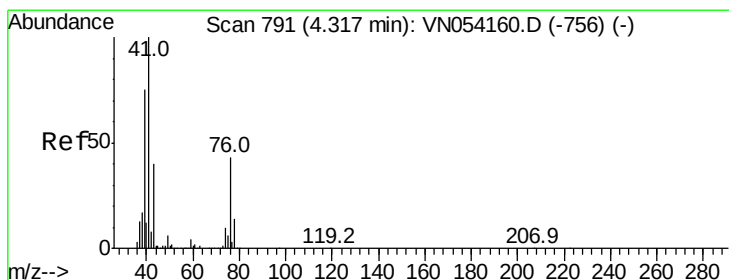
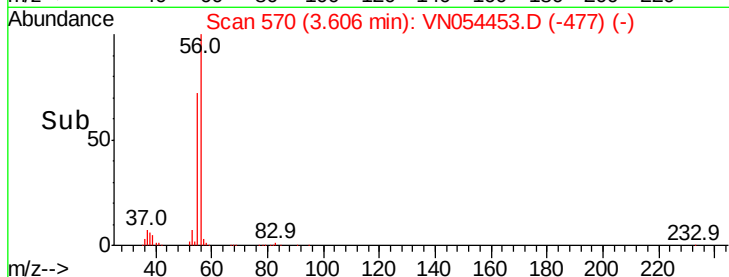
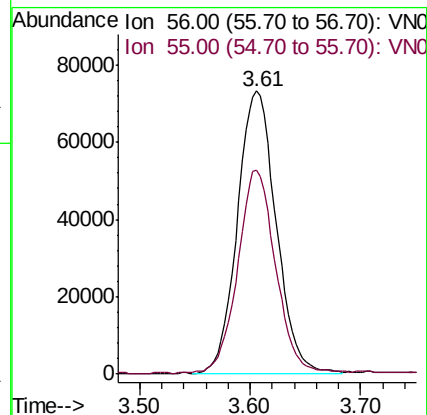
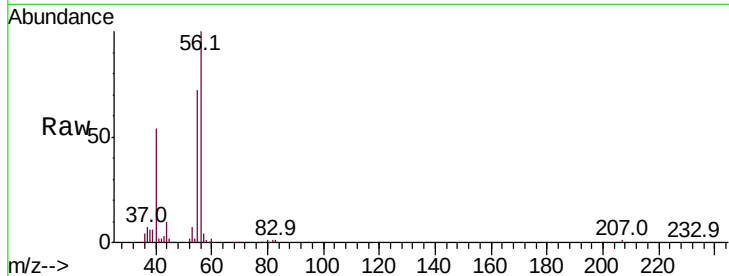
56 100

55 70.2 56.7 85.1

Manual Integrations
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#14

Allyl chloride

Concen: 50.168 ug/l

RT: 4.32 min Scan# 791

Delta R.T. -0.00 min

Lab File: VN054453.D

Acq: 19 Mar 2019 21:07

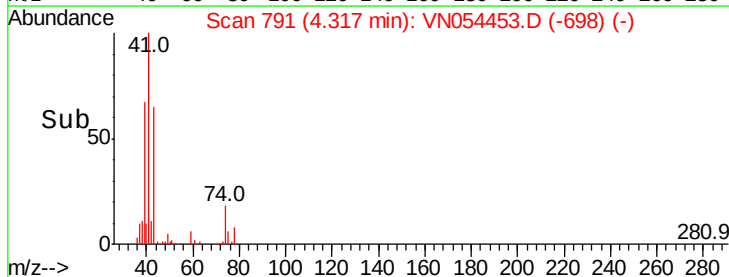
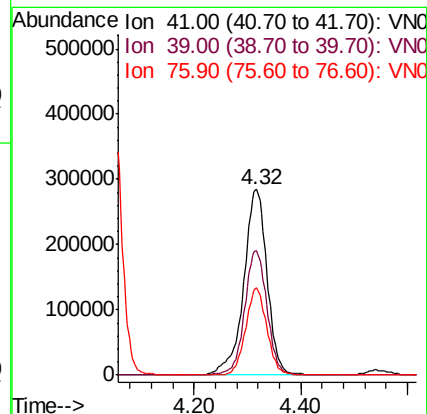
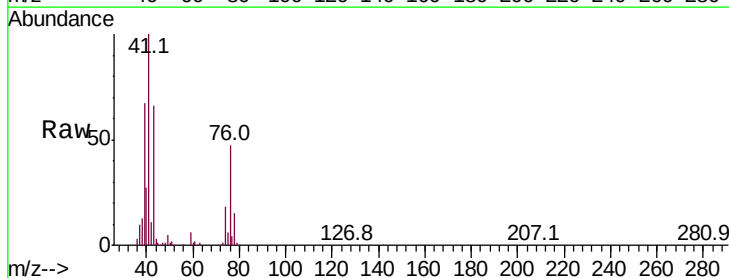
Tgt Ion: 41 Resp: 855834

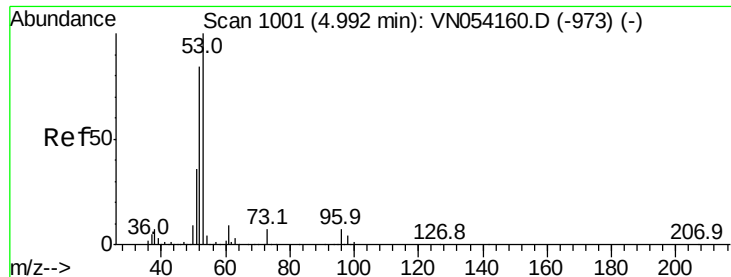
Ion Ratio Lower Upper

41 100

39 64.1 58.2 87.4

76 41.7 31.7 47.5





#15

Acrylonitrile

Concen: 287.547 ug/l

RT: 4.99 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VN054453.D

Acq: 19 Mar 2019 21:07

Instrument :

MSVOA_N

ClientSampleId :

T11-MW-3-8.0-031519MS

Tot Ion: 53 Resp: 1100575

Ion Ratio Lower Upper

53 100

52 82.4 66.4 99.6

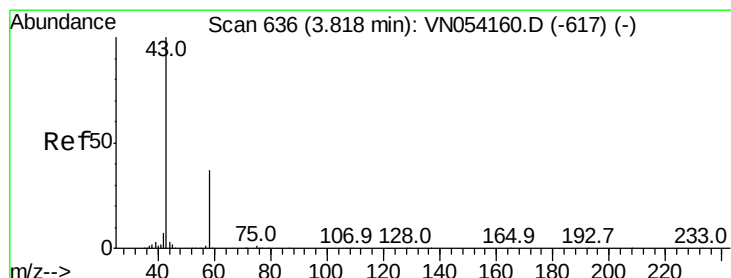
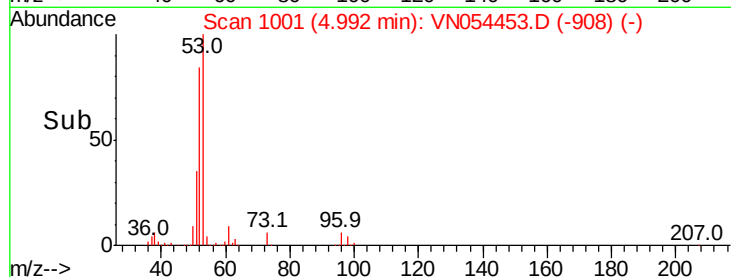
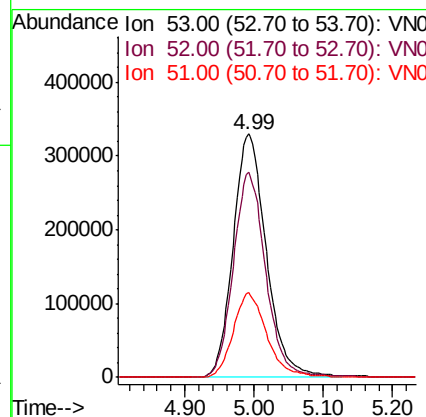
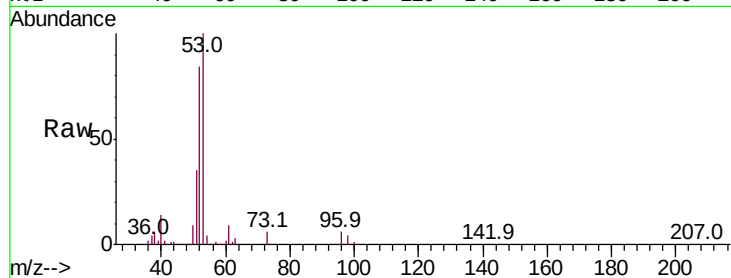
51 35.3 29.6 44.4

Manual Integrations

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#16

Acetone

Concen: 180.660 ug/l

RT: 3.82 min Scan# 636

Delta R.T. -0.00 min

Lab File: VN054453.D

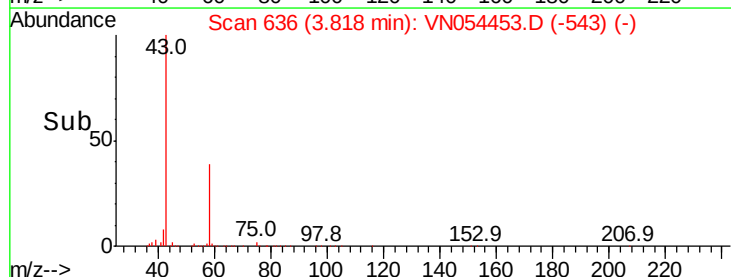
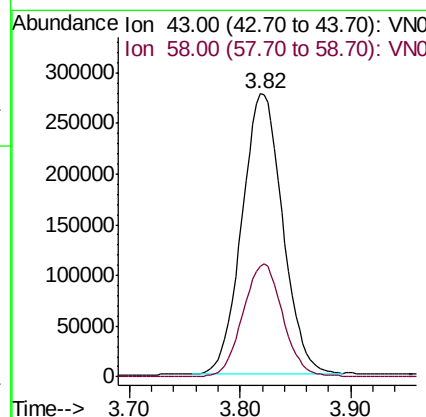
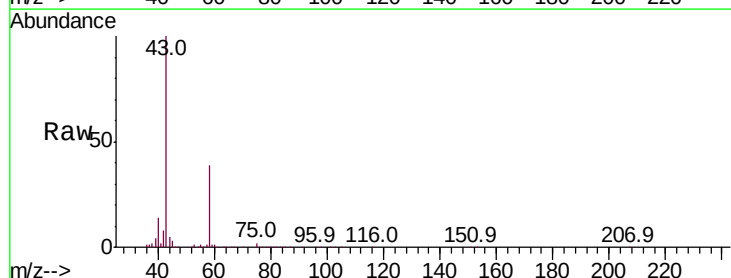
Acq: 19 Mar 2019 21:07

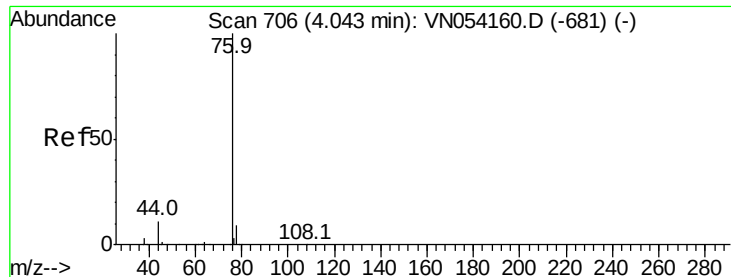
Tgt Ion: 43 Resp: 703063

Ion Ratio Lower Upper

43 100

58 39.6 29.9 44.9





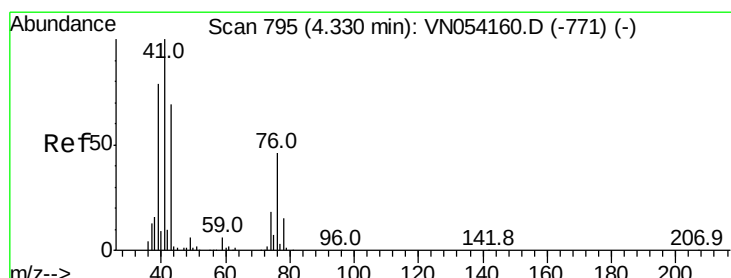
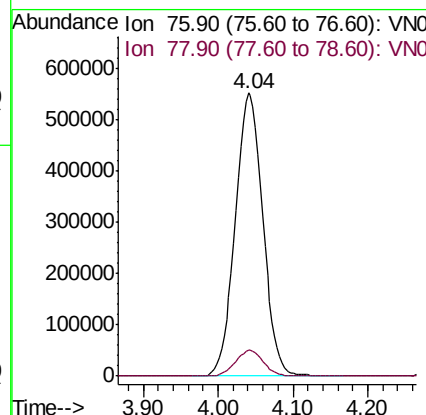
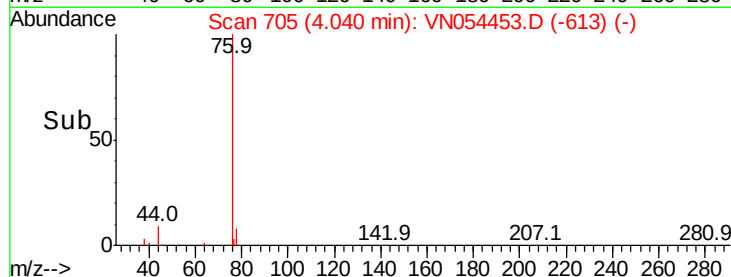
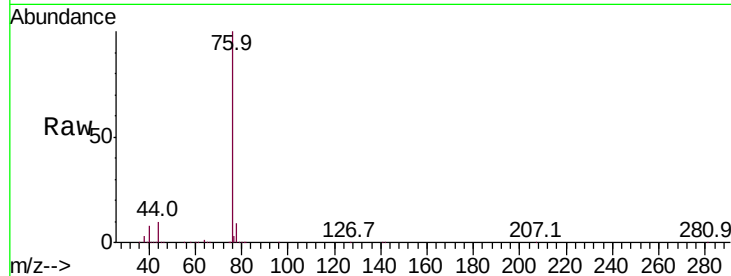
#17
Carbon Disulfide
Concen: 42.559 ug/l
RT: 4.04 min Scan# 705
Delta R.T. -0.00 min
Lab File: VN054453.D
Acq: 19 Mar 2019 21:07

Instrument :
MSVOA_N
ClientSampleId :
T11-MW-3-8.0-031519MS

Tot Ion: 76 Resp: 1418522
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3

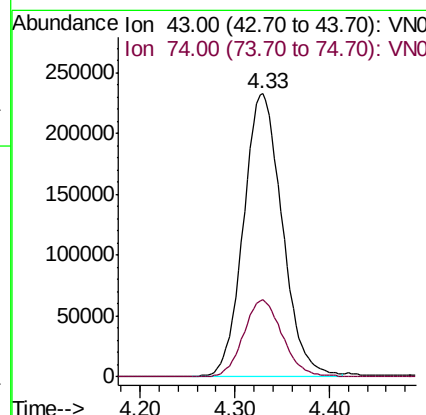
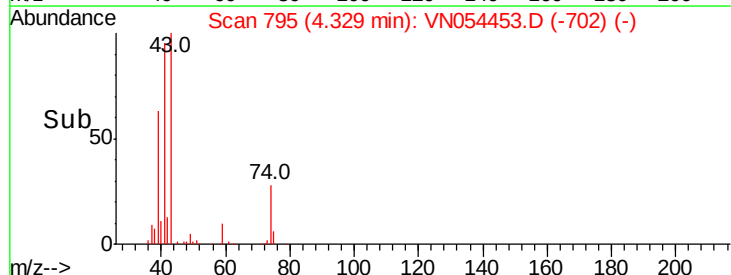
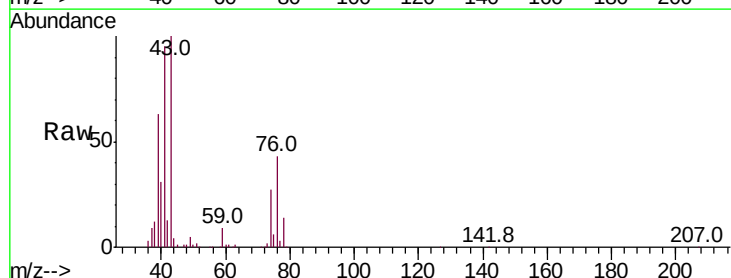
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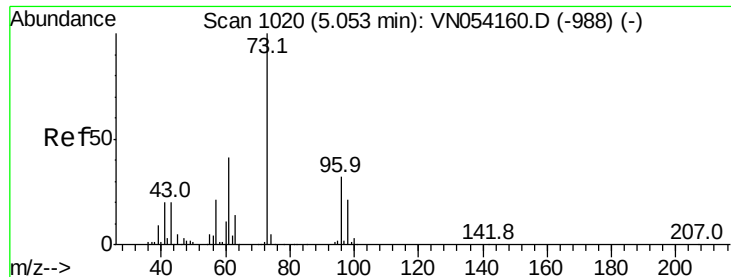
MMDadoda
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#18
Methyl Acetate
Concen: 83.659 ug/l
RT: 4.33 min Scan# 795
Delta R.T. -0.00 min
Lab File: VN054453.D
Acq: 19 Mar 2019 21:07

Tgt Ion: 43 Resp: 658686
Ion Ratio Lower Upper
43 100
74 27.6 20.8 31.2





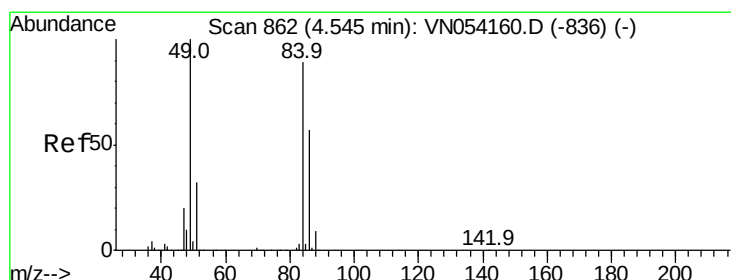
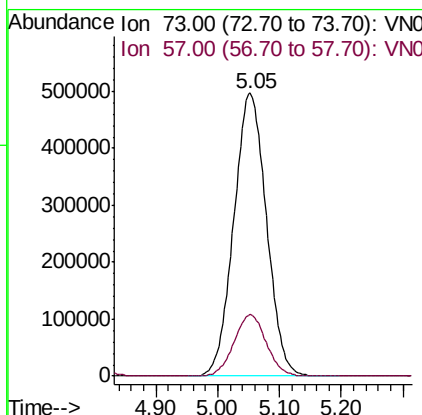
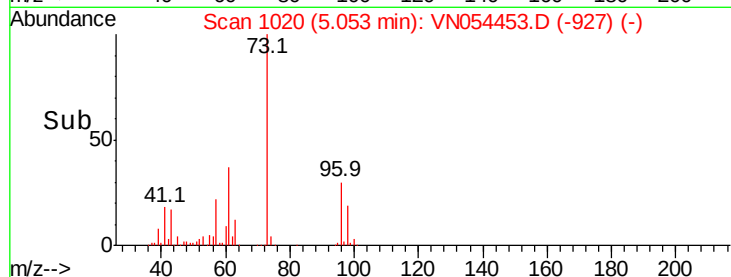
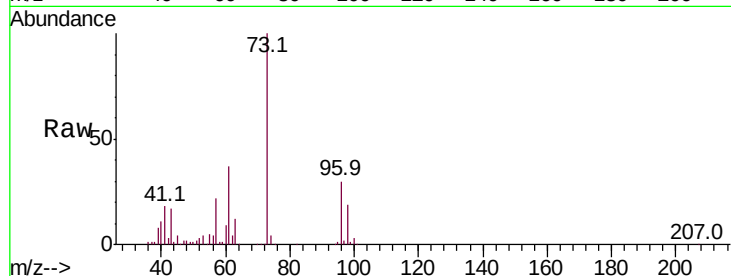
#19
Methvl tert-butyl Ether
Concen: 55.324 ug/l
RT: 5.05 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VN054453.D
Acq: 19 Mar 2019 21:07

Instrument :
MSVOA_N
ClientSampleId :
T11-MW-3-8.0-031519MS

Tot Ion: 73 Resp: 1823282
Ion Ratio Lower Upper
73 100
57 21.6 16.8 25.2

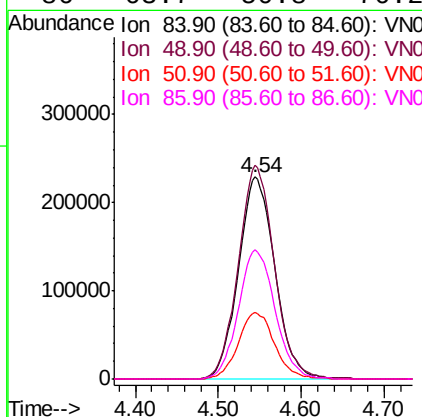
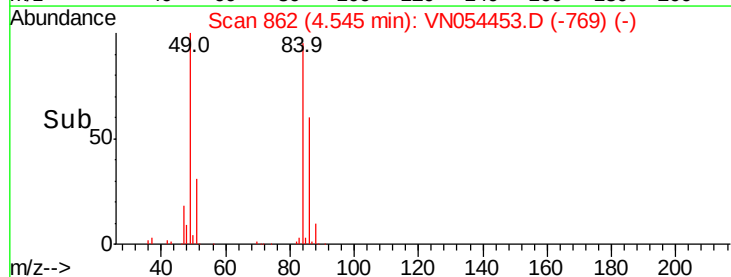
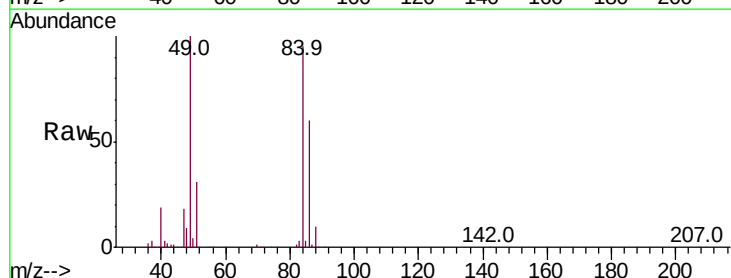
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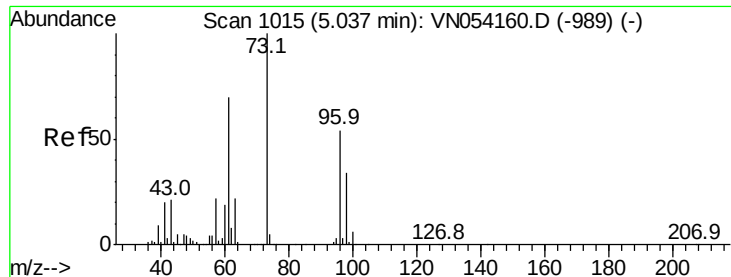
MMDadoda
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#20
Methylene Chloride
Concen: 54.777 ug/l
RT: 4.54 min Scan# 862
Delta R.T. -0.00 min
Lab File: VN054453.D
Acq: 19 Mar 2019 21:07

Tgt Ion: 84 Resp: 699957
Ion Ratio Lower Upper
84 100
49 105.7 89.7 134.5
51 32.7 28.2 42.4
86 63.7 50.8 76.2





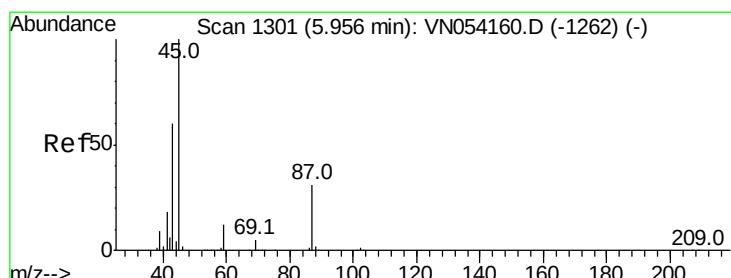
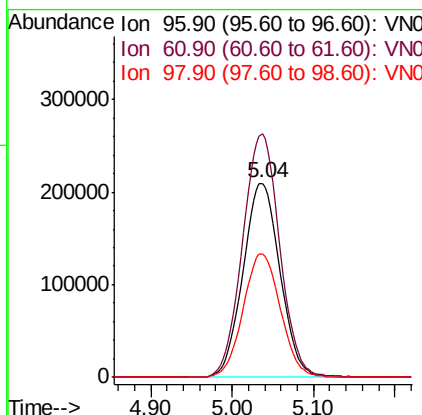
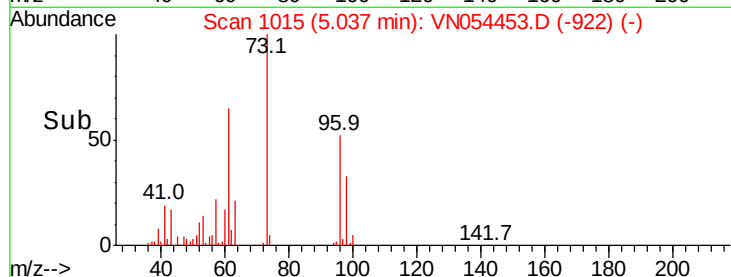
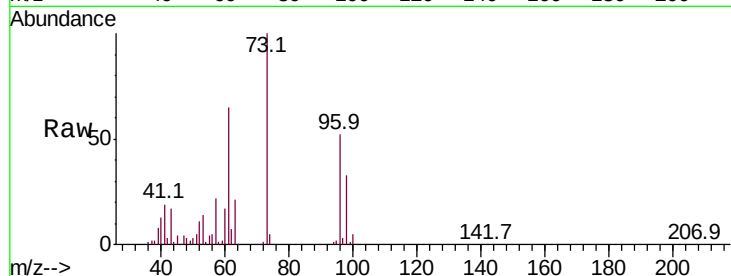
#21
trans-1,2-Dichloroethene
Concen: 51.573 ug/l
RT: 5.04 min Scan# 1015
Delta R.T. -0.00 min
Lab File: VN054453.D
Acq: 19 Mar 2019 21:07

Instrument :
MSVOA_N
ClientSampleId :
T11-MW-3-8.0-031519MS

Tot Ion: 96 Resp: 657008
Ion Ratio Lower Upper
96 100
61 125.3 102.8 154.2
98 63.5 50.0 75.0

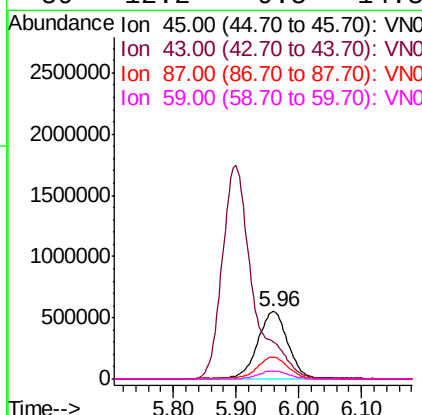
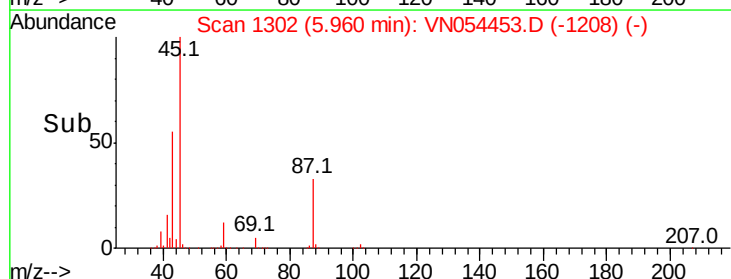
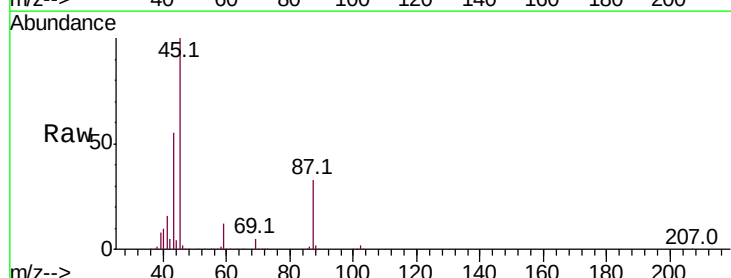
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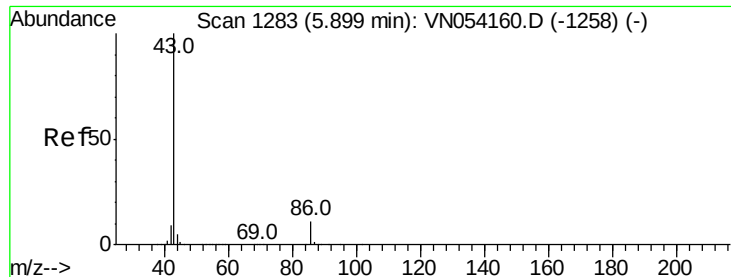
MMDadoda
3/20/2019 12:22:02 PM



#22
Diisopropyl ether
Concen: 54.629 ug/l
RT: 5.96 min Scan# 1302
Delta R.T. 0.00 min
Lab File: VN054453.D
Acq: 19 Mar 2019 21:07

Tgt Ion: 45 Resp: 1859969
Ion Ratio Lower Upper
45 100
43 54.7 48.2 72.2
87 32.7 24.9 37.3
59 12.2 9.5 14.3





#23

Vinyl Acetate

Concen: 237.412 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VN054453.D

Acq: 19 Mar 2019 21:07

Instrument :

MSVOA_N

ClientSampleId :

T11-MW-3-8.0-031519MS

Tot Ion: 43 Resp: 5959788

Ion Ratio Lower Upper

43 100

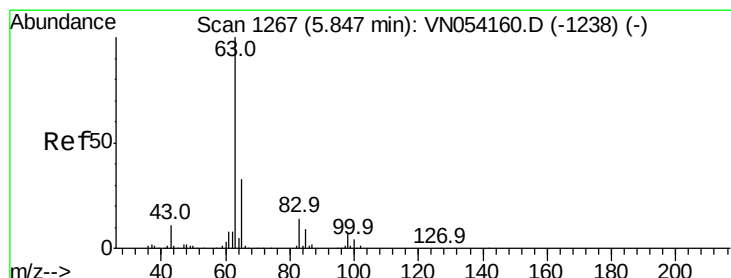
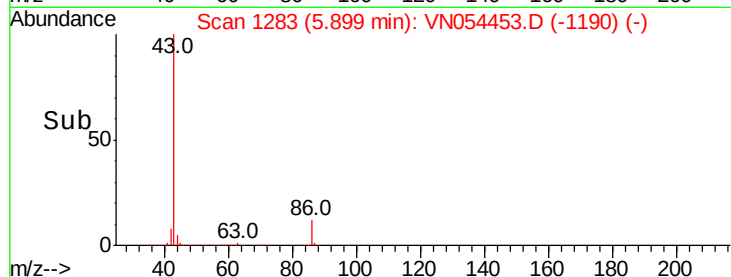
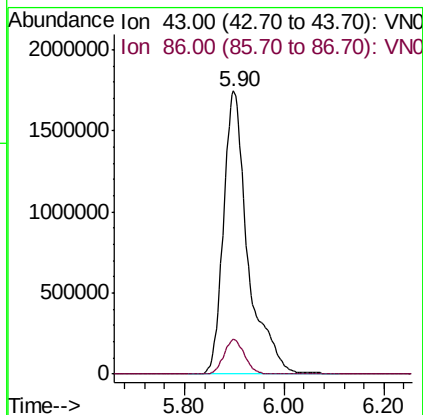
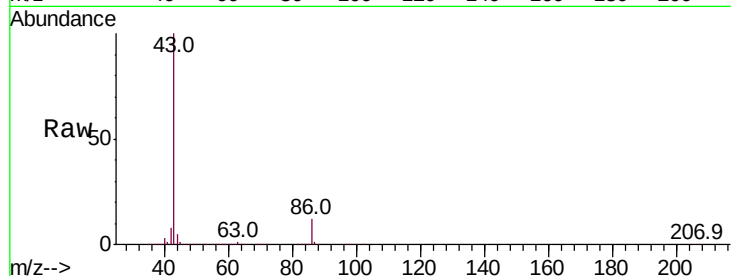
86 12.2 9.1 13.7

Manual Integrations

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MMDadoda

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#24

1,1-Dichloroethane

Concen: 53.349 ug/l

RT: 5.85 min Scan# 1267

Delta R.T. -0.00 min

Lab File: VN054453.D

Acq: 19 Mar 2019 21:07

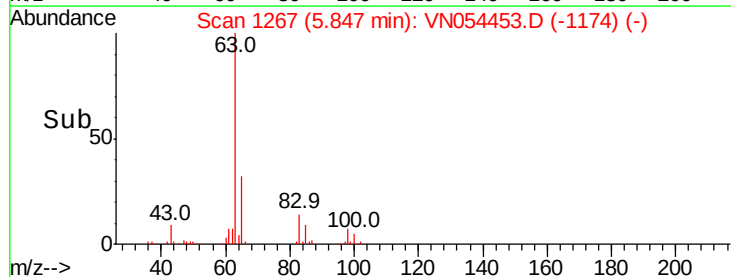
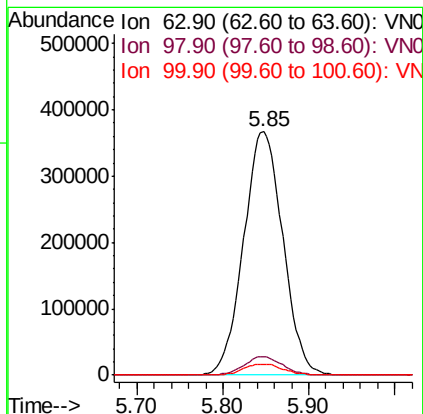
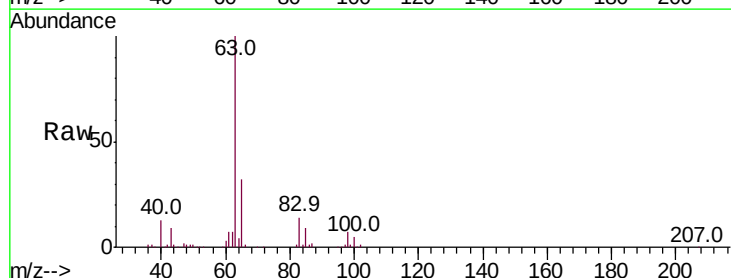
Tgt Ion: 63 Resp: 1166266

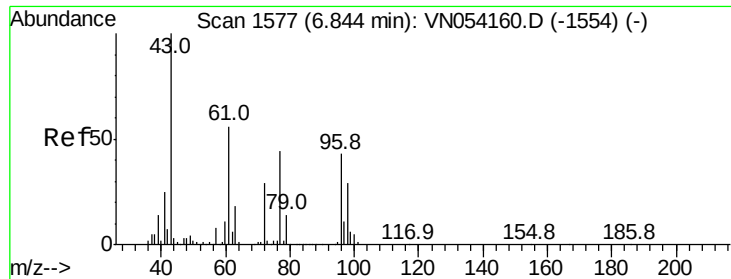
Ion Ratio Lower Upper

63 100

98 7.4 3.5 10.5

100 4.6 2.0 6.0





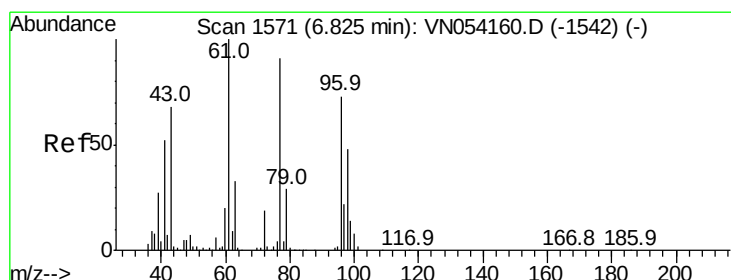
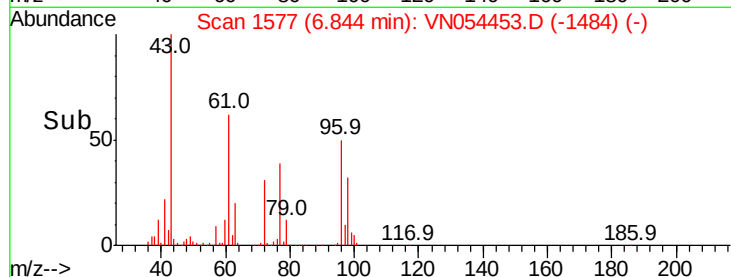
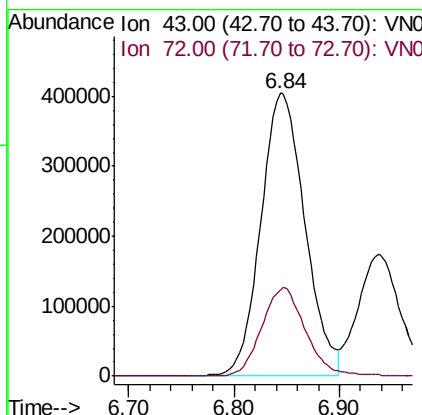
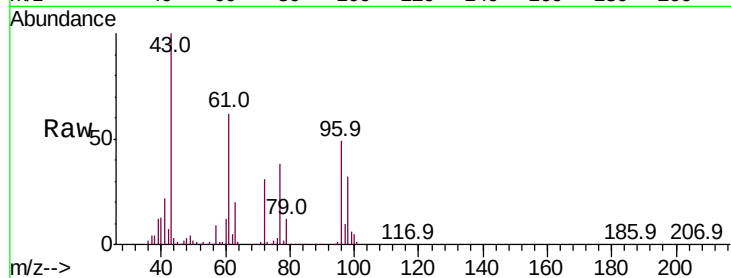
#25
2-Butanone
Concen: 256.049 ug/l
RT: 6.84 min Scan# 1577
Delta R.T. -0.00 min
Lab File: VN054453.D
Acq: 19 Mar 2019 21:07

Instrument :
MSVOA_N
ClientSampleId :
T11-MW-3-8.0-031519MS

Tot Ion: 43 Resp: 1169527
Ion Ratio Lower Upper
43 100
72 30.7 23.0 34.6

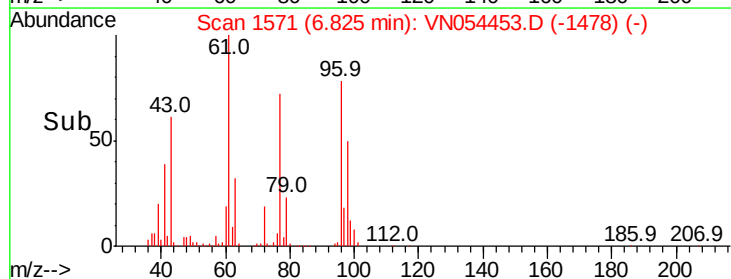
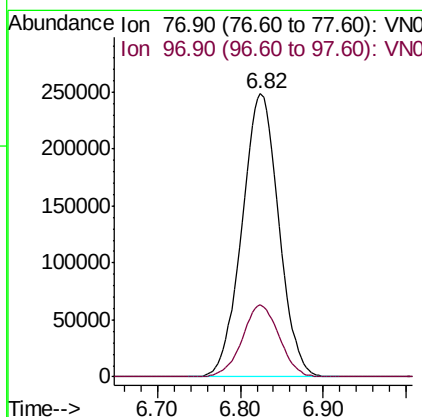
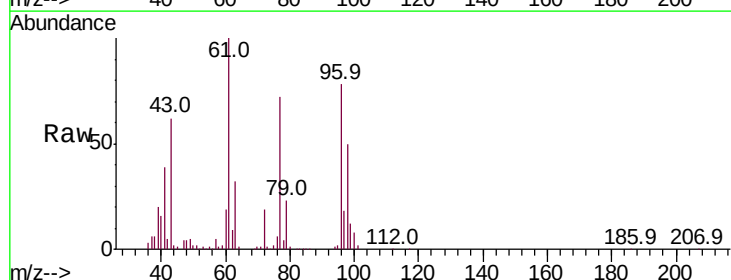
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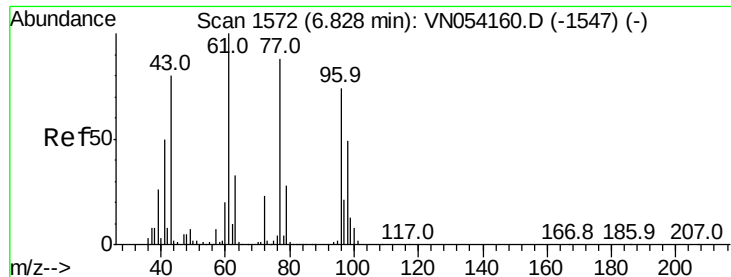
MMDadoda
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#26
2,2-Dichloropropane
Concen: 39.756 ug/l
RT: 6.82 min Scan# 1571
Delta R.T. -0.00 min
Lab File: VN054453.D
Acq: 19 Mar 2019 21:07

Tgt Ion: 77 Resp: 764296
Ion Ratio Lower Upper
77 100
97 25.6 11.9 35.9





#27

cis-1,2-Dichloroethene

Concen: 55.516 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. -0.00 min

Lab File: VN054453.D

Acq: 19 Mar 2019 21:07

Instrument :

MSVOA_N

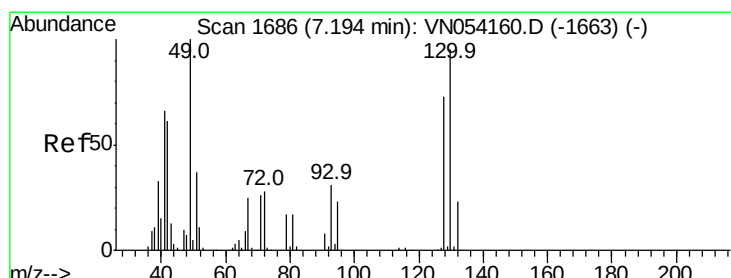
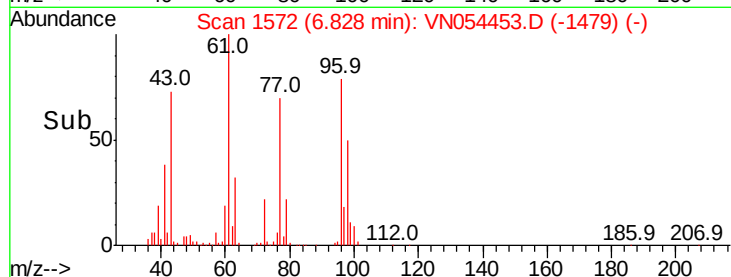
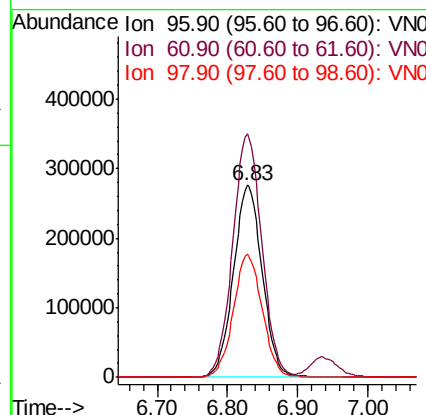
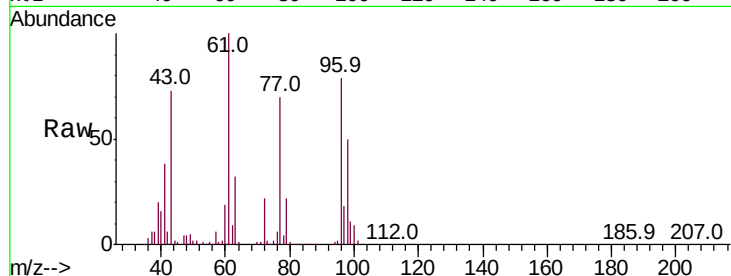
ClientSampleId :

T11-MW-3-8.0-031519MS

Tot Ion	96	Resp	789008
Ion	Ratio	Lower	Upper
96	100		
61	128.1	0.0	273.0
98	64.2	0.0	130.6

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#28

Bromochloromethane

Concen: 51.883 ug/l

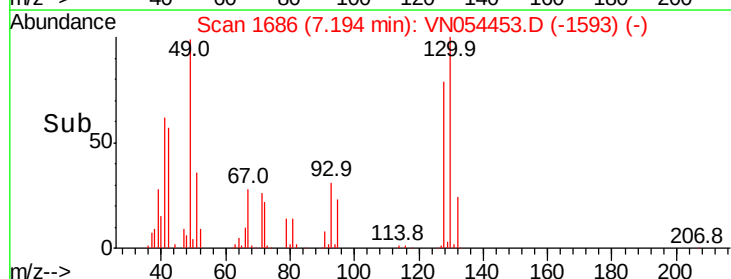
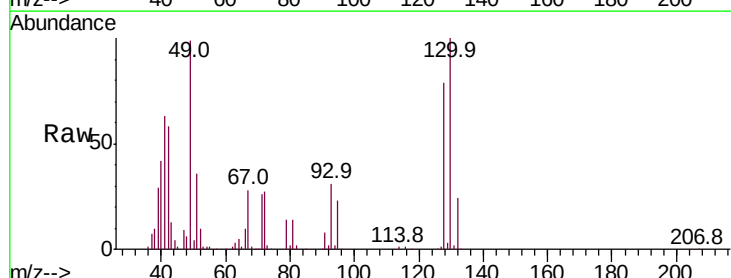
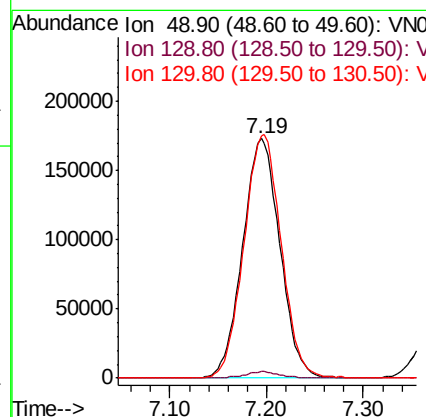
RT: 7.19 min Scan# 1686

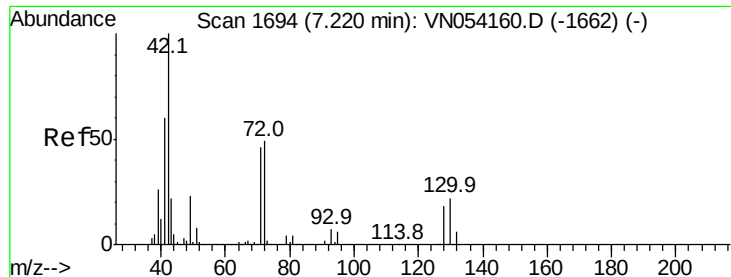
Delta R.T. -0.00 min

Lab File: VN054453.D

Acq: 19 Mar 2019 21:07

Tgt Ion	49	Resp	463680
Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.6
130	102.0	76.7	115.1





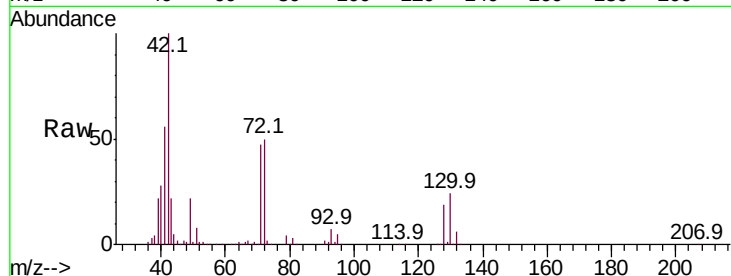
#29
Tetrahydrofuran
Concen: 263.177 ug/l
RT: 7.22 min Scan# 1694
Delta R.T. -0.00 min
Lab File: VN054453.D
Acq: 19 Mar 2019 21:07

Instrument :
MSVOA_N
ClientSampleId :
T11-MW-3-8.0-031519MS

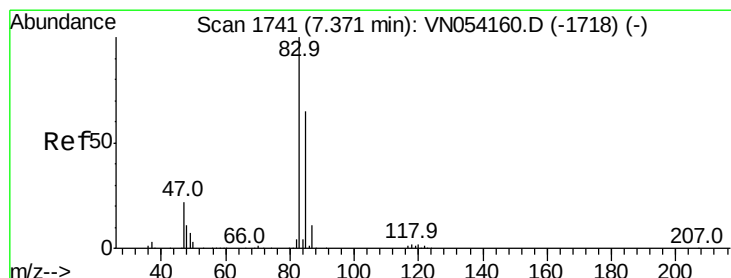
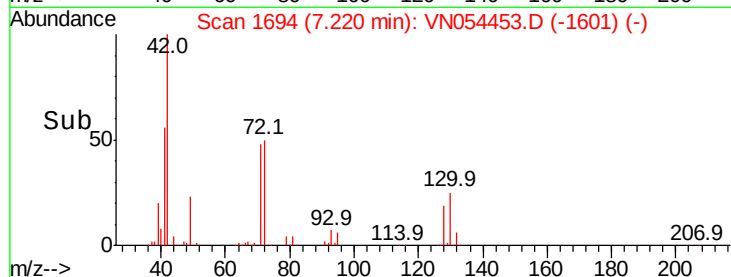
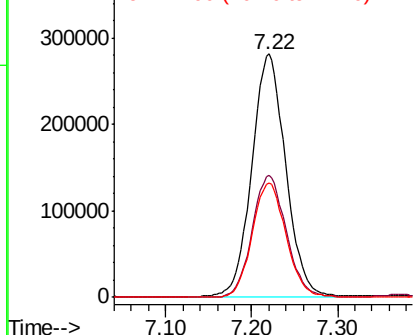
Tot Ion	Ratio	Lower	Upper
42	100		
72	50.3	37.8	56.6
71	47.2	36.2	54.2

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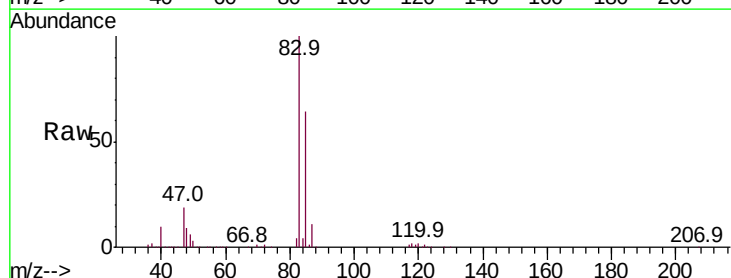


Abundance Ion 42.00 (41.70 to 42.70): VNO
Ion 72.00 (71.70 to 72.70): VNO
Ion 71.00 (70.70 to 71.70): VNO

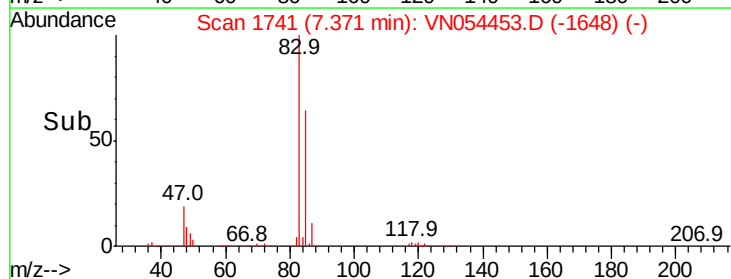
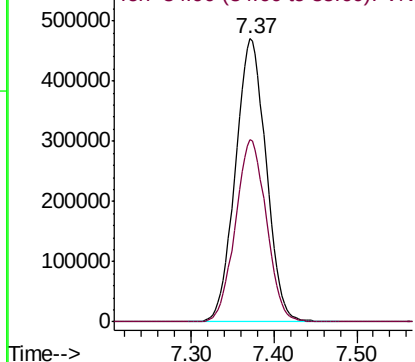


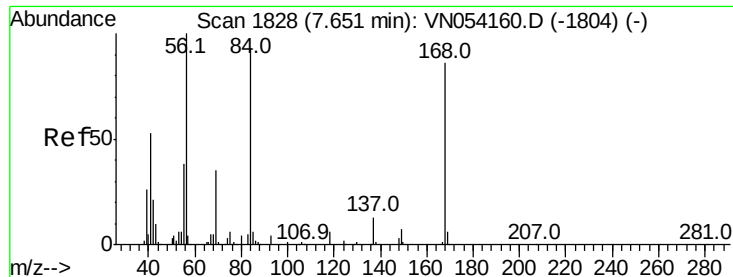
#30
Chloroform
Concen: 53.181 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VN054453.D
Acq: 19 Mar 2019 21:07

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.2	52.2	78.4



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 84.90 (84.60 to 85.60): VNO





#31

Cyclohexane

Concen: 47.108 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.00 min

Lab File: VN054453.D

Acq: 19 Mar 2019 21:07

Instrument :

MSVOA_N

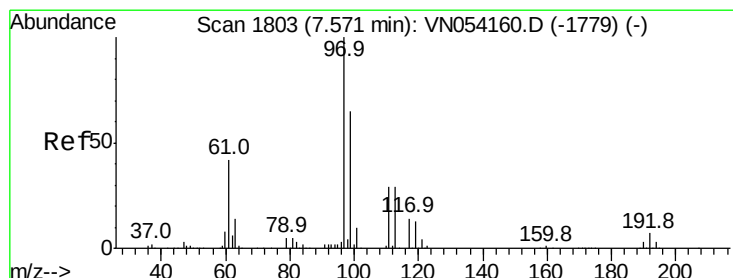
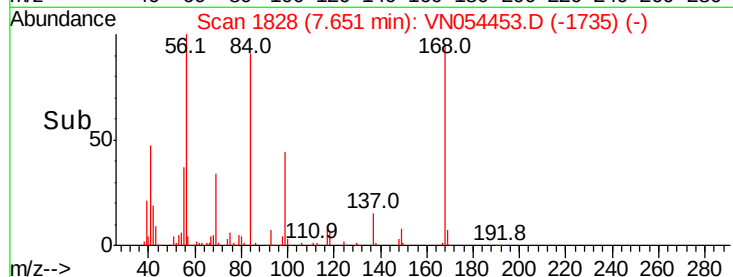
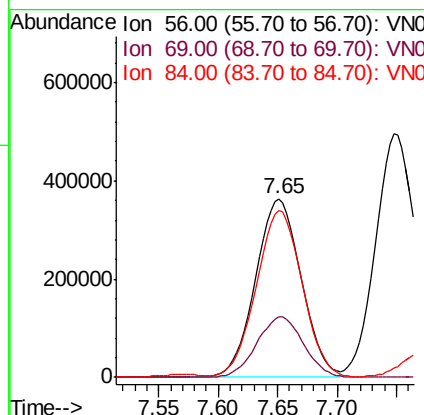
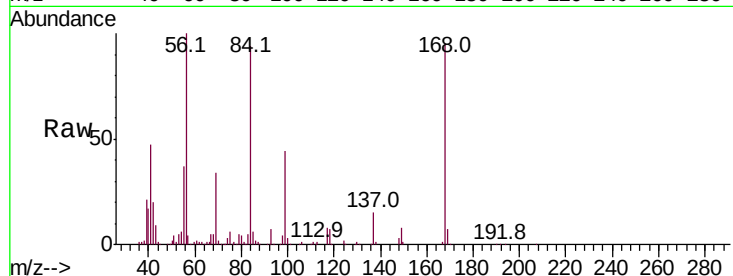
ClientSampleId :

T11-MW-3-8.0-031519MS

Tot Ion:	56	Resp:	964256
Ion	Ratio	Lower	Upper
56	100		
69	34.1	27.8	41.6
84	92.1	74.6	111.8

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#32

1,1,1-Trichloroethane

Concen: 49.124 ug/l

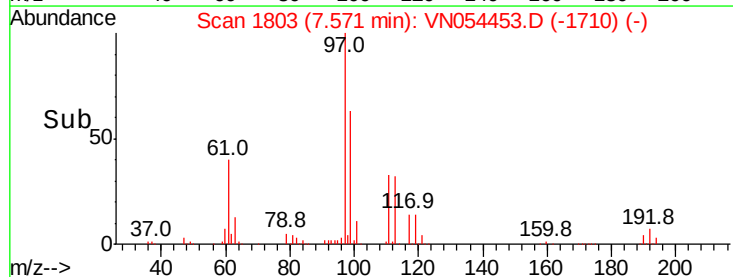
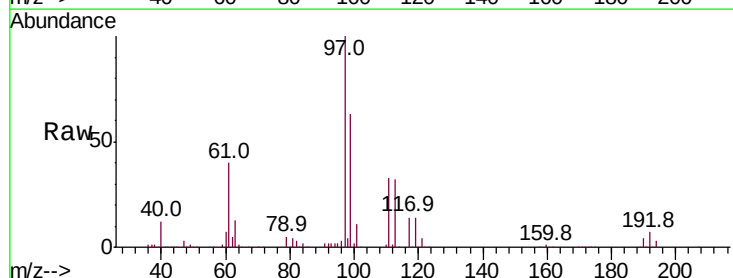
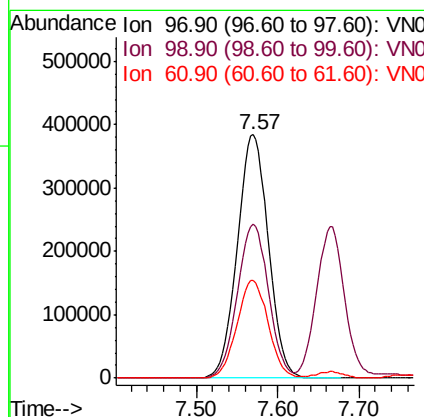
RT: 7.57 min Scan# 1803

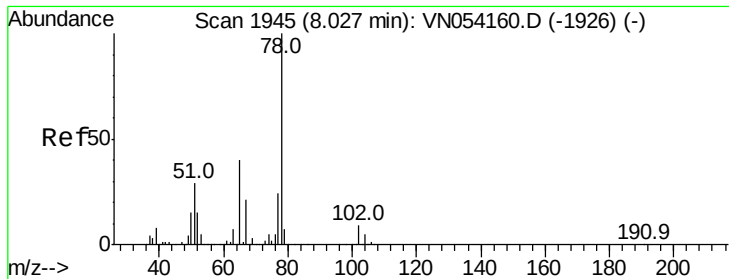
Delta R.T. -0.00 min

Lab File: VN054453.D

Acq: 19 Mar 2019 21:07

Tgt Ion:	97	Resp:	1012067
Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.5	77.3
61	40.4	33.6	50.4





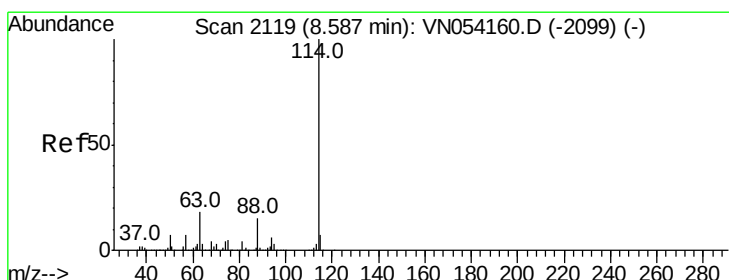
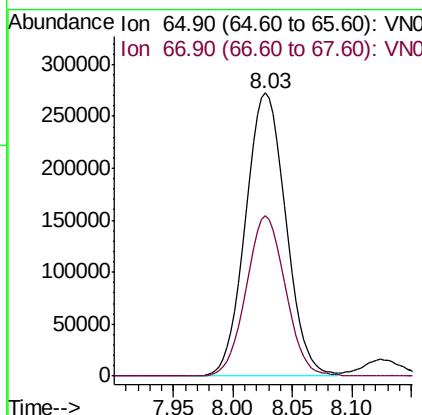
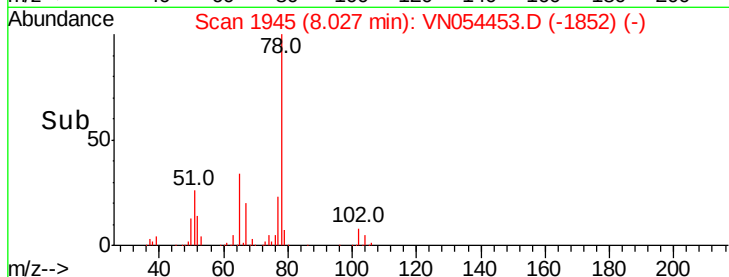
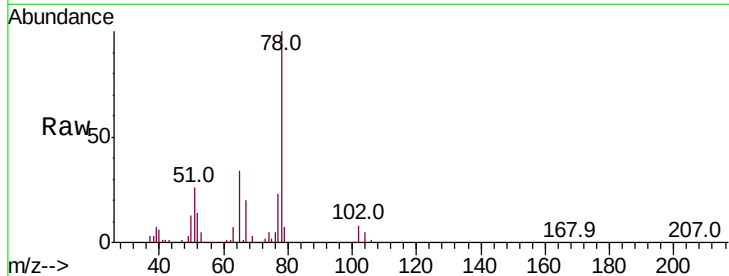
#33
 1,2-Dichloroethane-d4
 Concen: 47.169 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN054453.D
 Acq: 19 Mar 2019 21:07

Instrument :
 MSVOA_N
 ClientSampleId :
 T11-MW-3-8.0-031519MS

Tot Ion	Ratio	Lower	Upper
65	100		
67	55.1	0.0	104.6

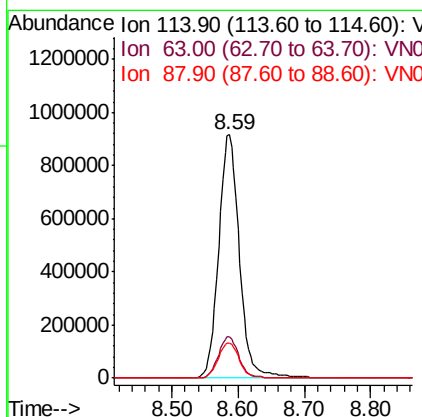
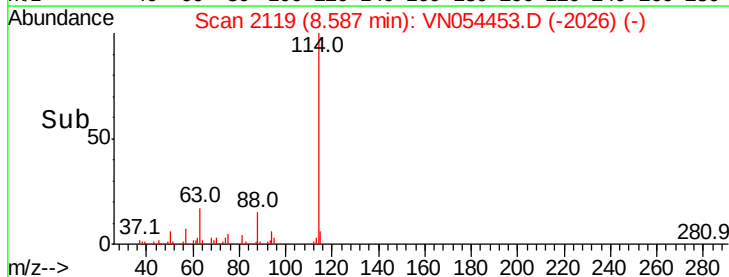
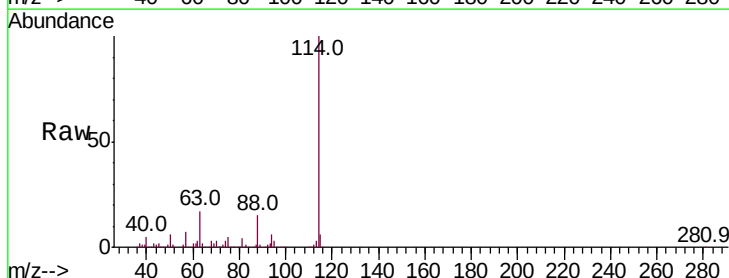
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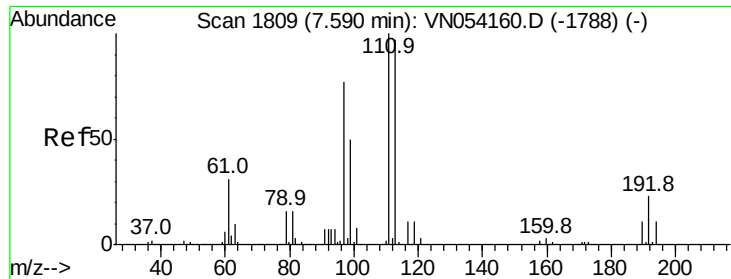
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054453.D
 Acq: 19 Mar 2019 21:07

Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.0	0.0	35.2
88	14.6	0.0	30.2





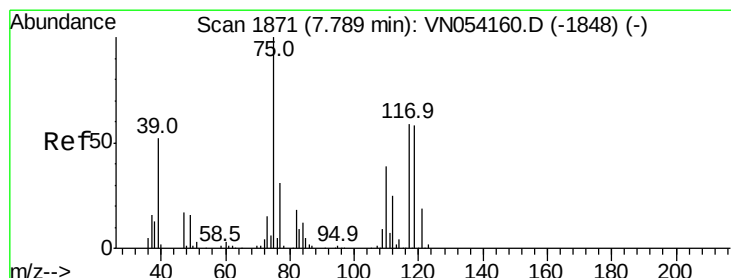
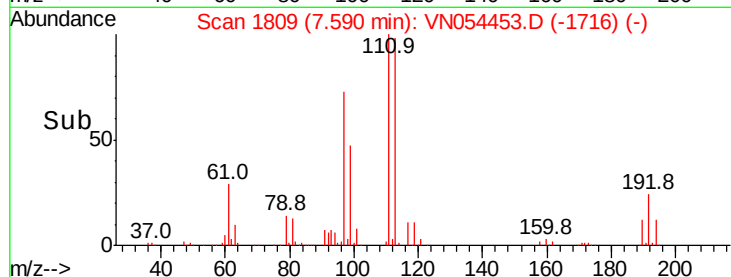
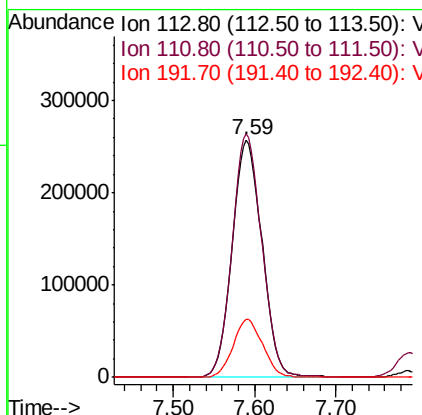
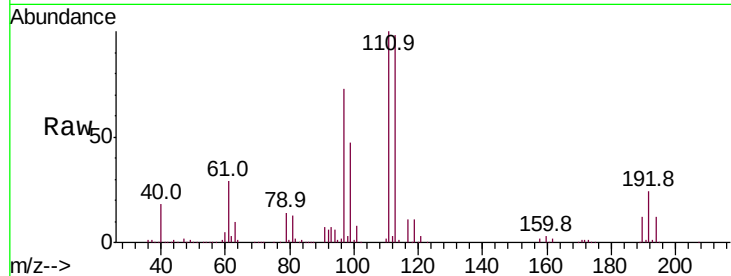
#35
Dibromofluoromethane
Concen: 51.082 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. -0.00 min
Lab File: VN054453.D
Acq: 19 Mar 2019 21:07

Instrument :
MSVOA_N
ClientSampleId :
T11-MW-3-8.0-031519MS

Tot Ion	Ratio	Resp	Lower	Upper
113	100	655844		
111	101.8	82.2	123.4	
192	24.2	19.2	28.8	

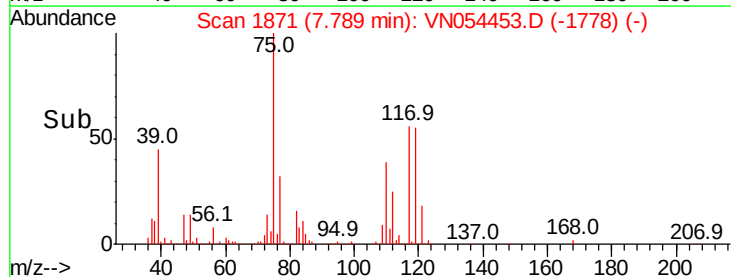
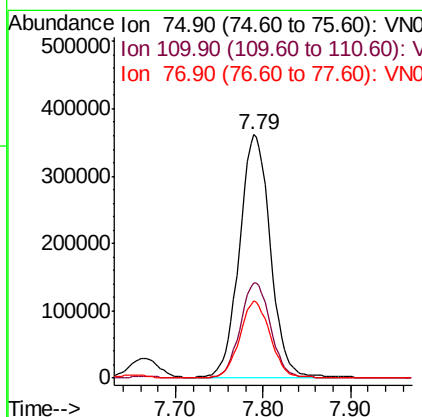
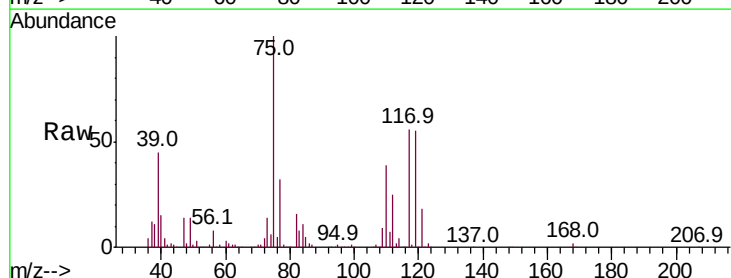
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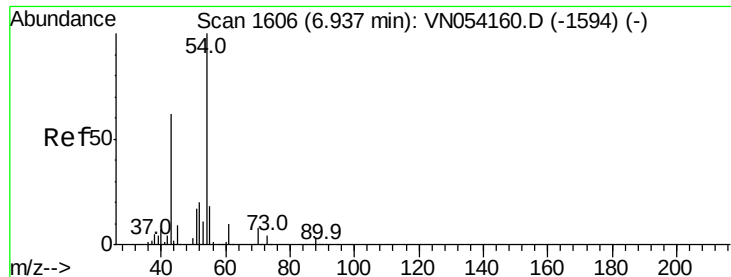
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#36
1,1-Dichloropropene
Concen: 48.094 ug/l
RT: 7.79 min Scan# 1871
Delta R.T. -0.00 min
Lab File: VN054453.D
Acq: 19 Mar 2019 21:07

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	881683		
110	38.8	19.1	57.5	
77	31.9	25.0	37.4	





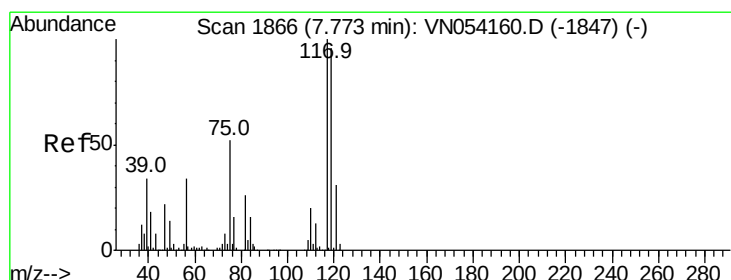
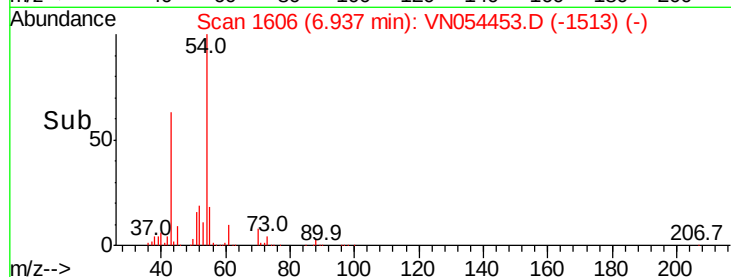
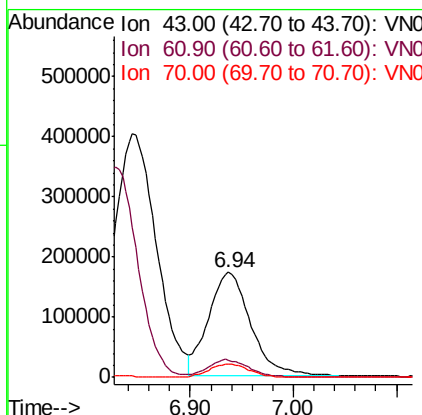
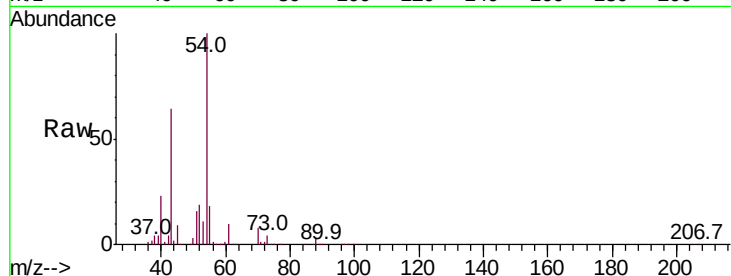
#37
Ethyl Acetate
Concen: 46.535 ug/l
RT: 6.94 min Scan# 1606
Delta R.T. -0.00 min
Lab File: VN054453.D
Acq: 19 Mar 2019 21:07

Instrument :
MSVOA_N
ClientSampled :
T11-MW-3-8.0-031519MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.0	11.8	17.6
70	12.0	8.4	12.6

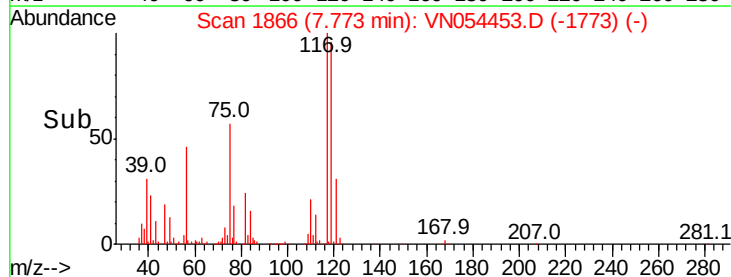
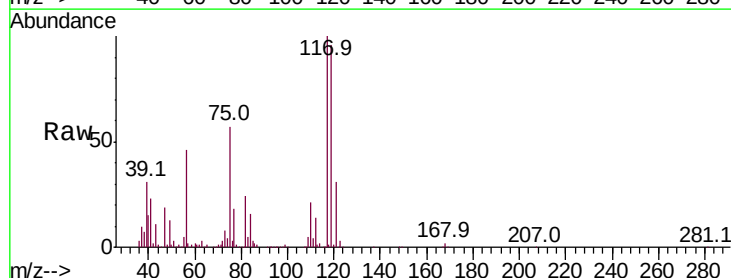
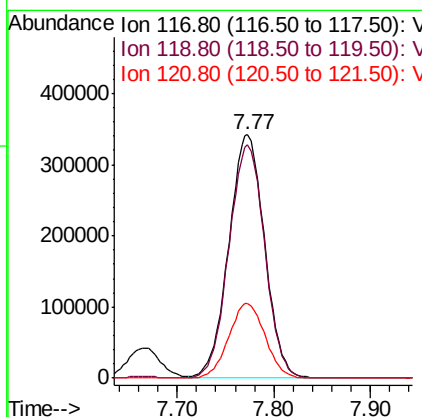
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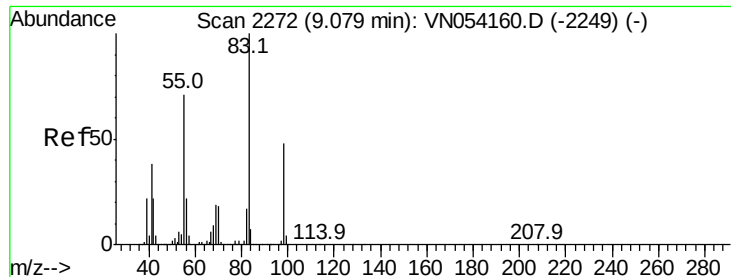
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#38
Carbon Tetrachloride
Concen: 45.669 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN054453.D
Acq: 19 Mar 2019 21:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.8	76.3	114.5
121	30.6	24.6	36.8





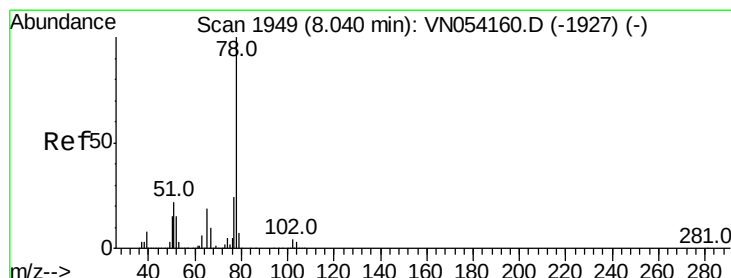
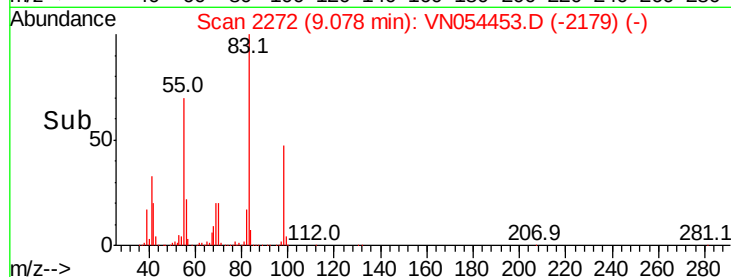
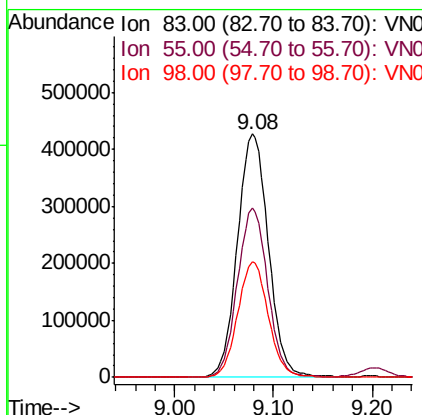
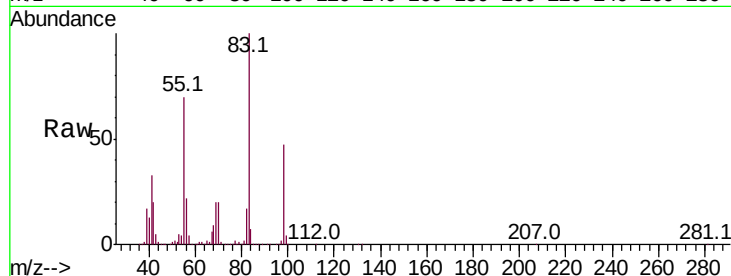
#39
Methylvlcyclohexane
Concen: 41.248 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN054453.D
Acq: 19 Mar 2019 21:07

Instrument :
MSVOA_N
ClientSampleId :
T11-MW-3-8.0-031519MS

Tot Ion	83	Resp	930396
Ion Ratio	100	Lower	Upper
83	100		
55	69.6	56.6	84.8
98	47.4	38.4	57.6

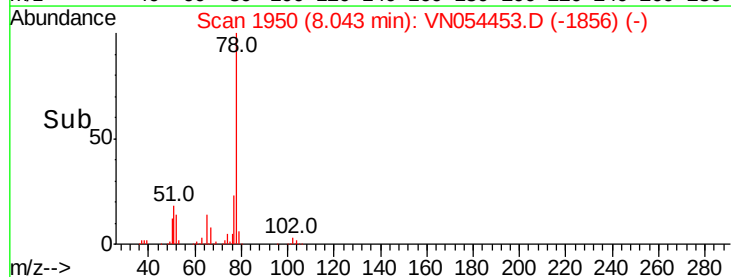
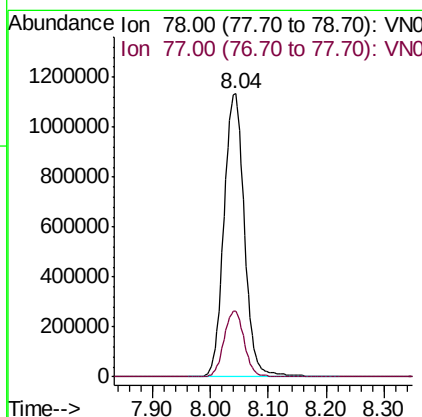
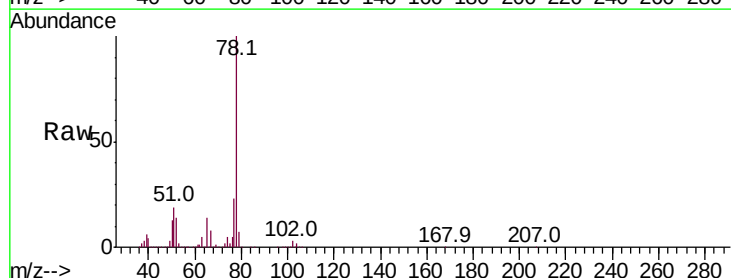
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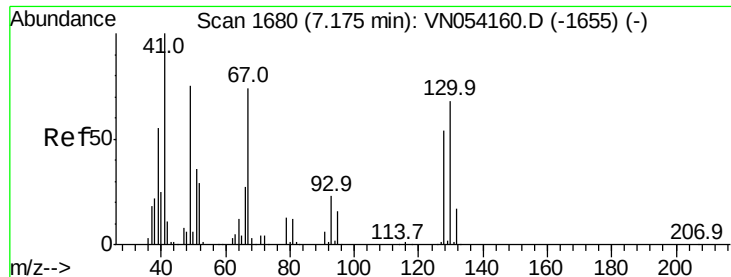
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#40
Benzene
Concen: 52.750 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN054453.D
Acq: 19 Mar 2019 21:07

Tgt Ion	78	Resp	2767273
Ion Ratio	100	Lower	Upper
78	100		
77	23.3	19.1	28.7





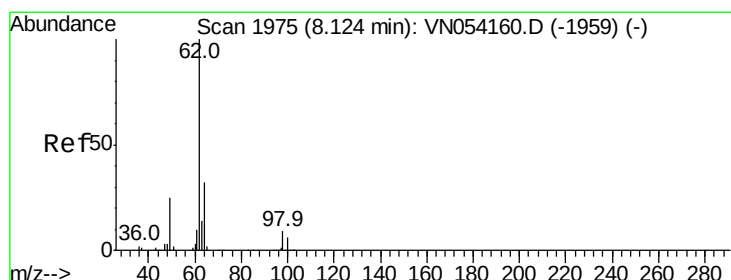
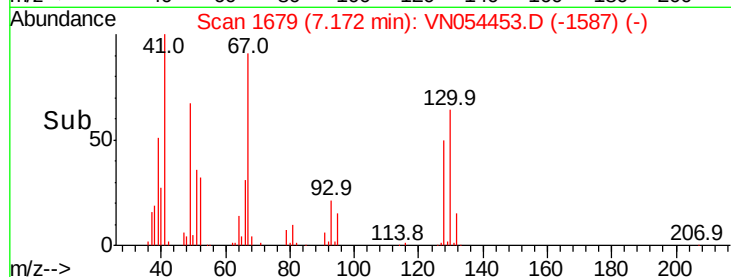
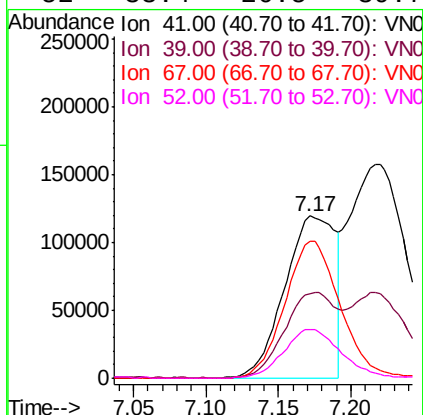
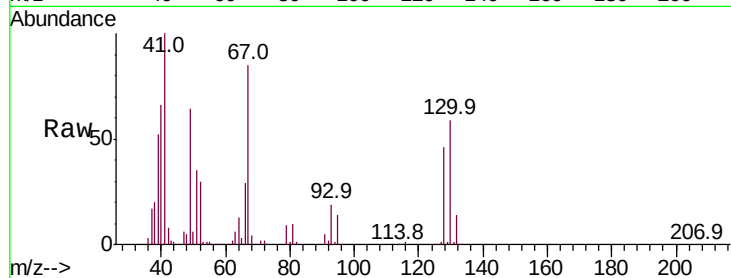
#41
Methacrylonitrile
Concen: 48.106 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. -0.00 min
Lab File: VN054453.D
Acq: 19 Mar 2019 21:07

Instrument :
MSVOA_N
ClientSampleId :
T11-MW-3-8.0-031519MS

Tot Ion	Ratio	Lower	Upper
41	100		
39	55.7	46.8	70.2
67	92.7	67.0	100.4
52	33.4	26.5	39.7

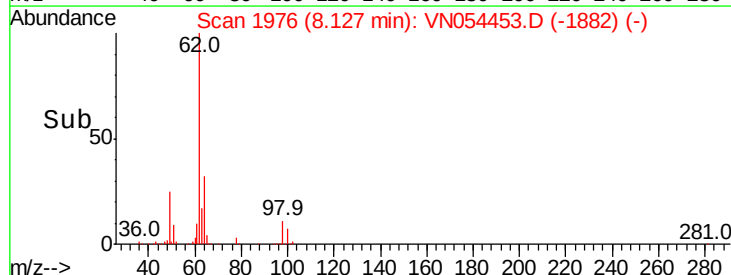
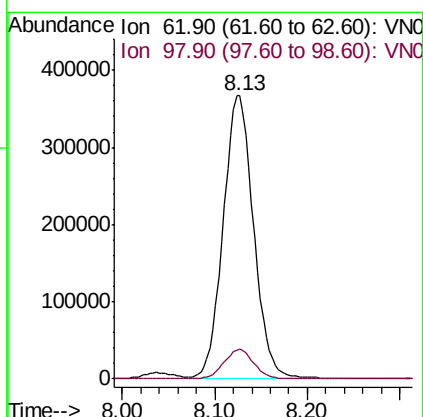
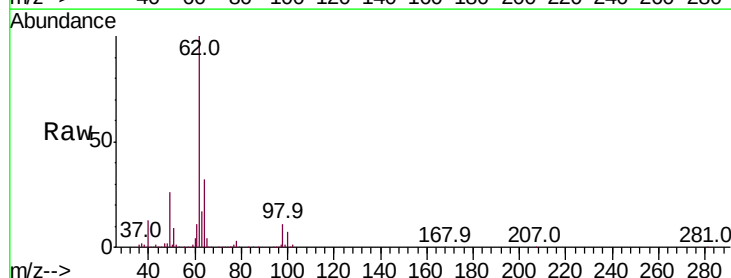
Manual Integrations
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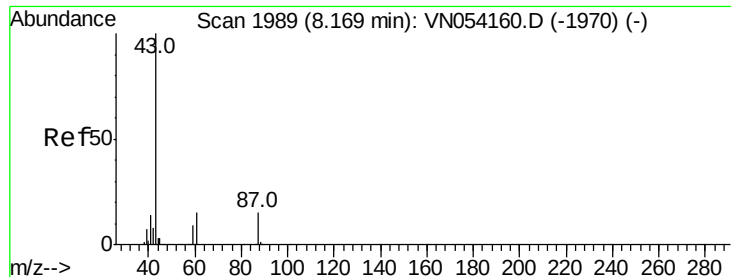
MMDadoda
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#42
1,2-Dichloroethane
Concen: 47.003 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN054453.D
Acq: 19 Mar 2019 21:07

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	18.4





#43

Isopropyl Acetate

Concen: 47.219 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. -0.00 min

Lab File: VN054453.D

Acq: 19 Mar 2019 21:07

Instrument :

MSVOA_N

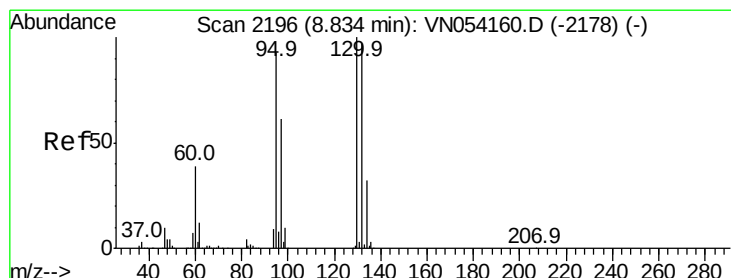
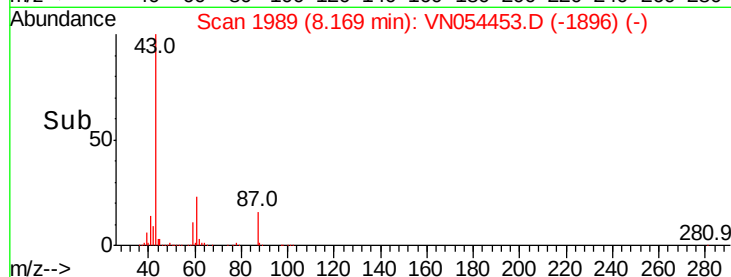
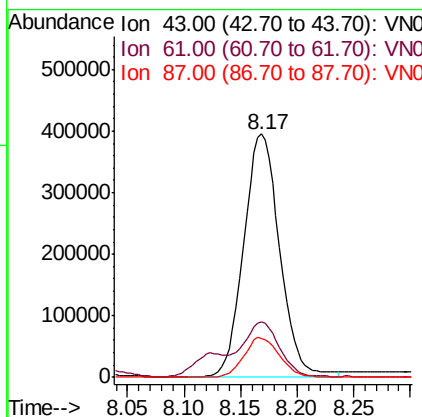
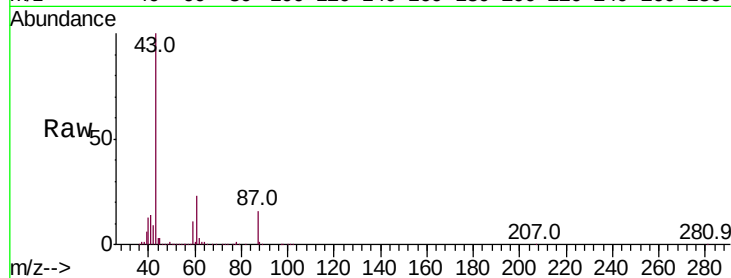
ClientSampleId :

T11-MW-3-8.0-031519MS

Tot Ion:	43	Resp:	873047
Ion	Ratio	Lower	Upper
43	100		
61	22.0	15.8	23.8
87	16.3	12.0	18.0

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#44

Trichloroethene

Concen: 49.733 ug/l

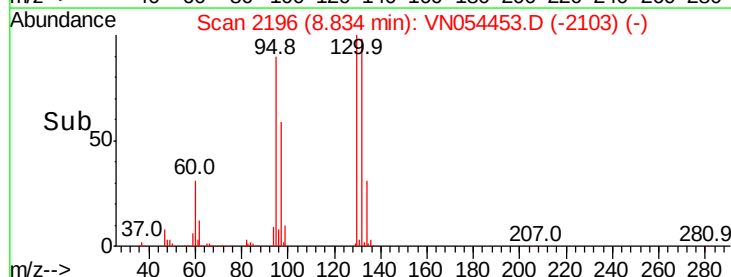
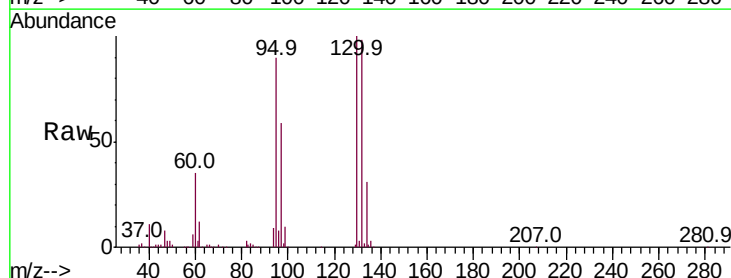
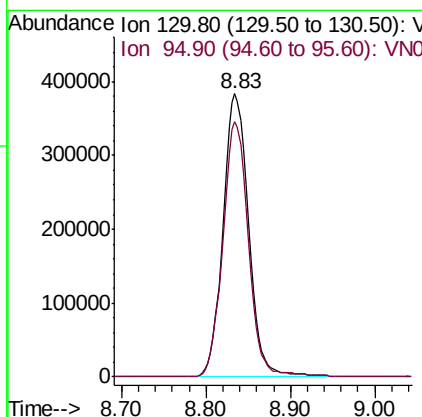
RT: 8.83 min Scan# 2196

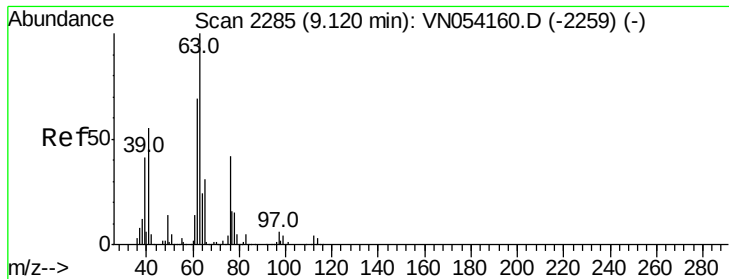
Delta R.T. -0.00 min

Lab File: VN054453.D

Acq: 19 Mar 2019 21:07

Tgt Ion:	130	Resp:	810482
Ion	Ratio	Lower	Upper
130	100		
95	90.3	0.0	185.2





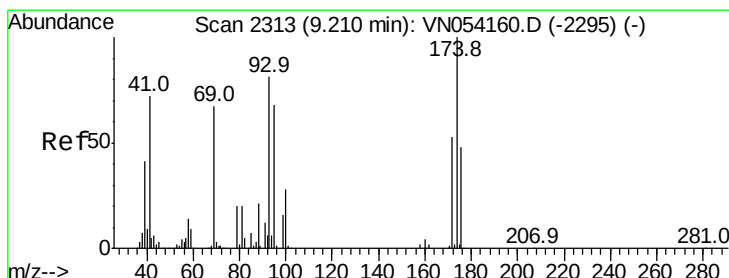
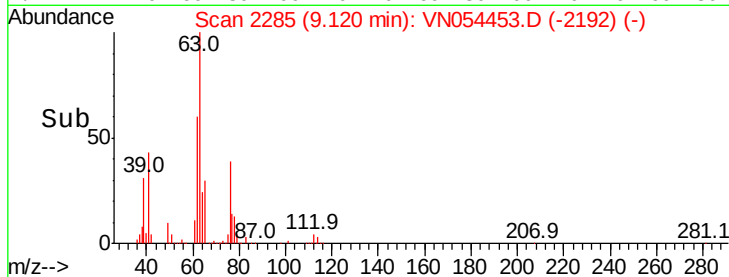
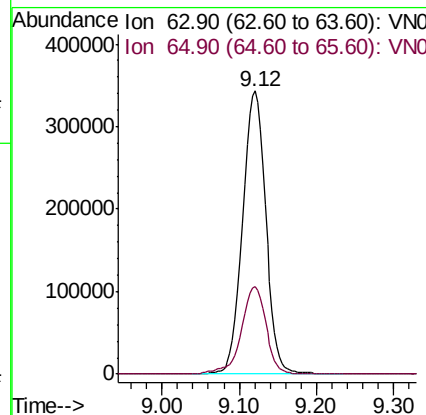
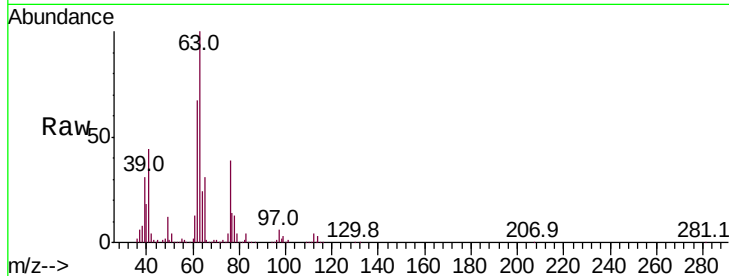
#45
 1,2-Dichloropropane
 Concen: 54.779 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. -0.00 min
 Lab File: VN054453.D
 Acq: 19 Mar 2019 21:07

Instrument :
 MSVOA_N
 ClientSampleId :
 T11-MW-3-8.0-031519MS

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.8	25.0	37.6

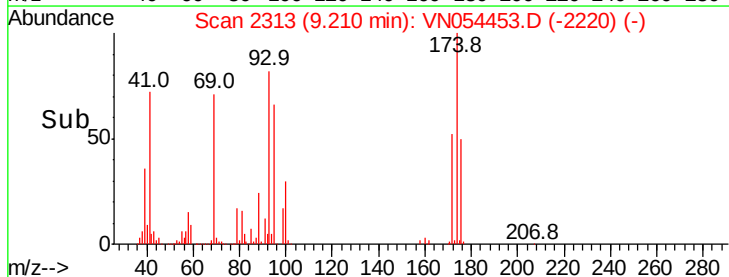
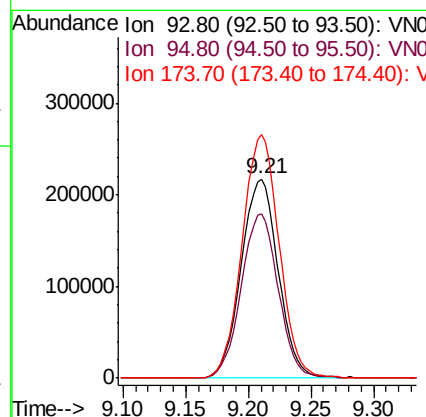
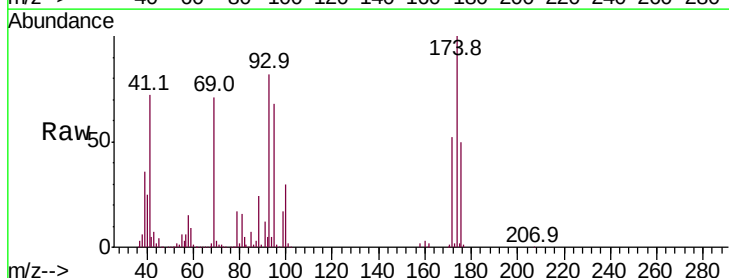
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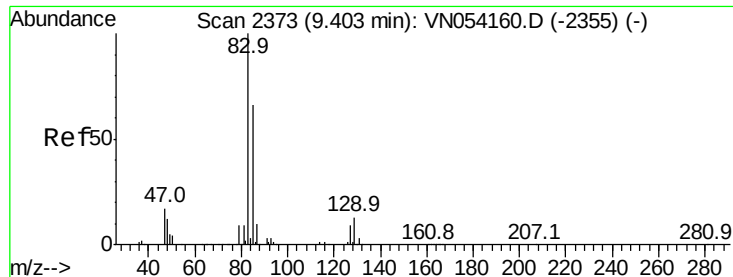
MMDadoda
 3/20/2019 12:22:02 PM



#46
 Dibromomethane
 Concen: 50.810 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. -0.00 min
 Lab File: VN054453.D
 Acq: 19 Mar 2019 21:07

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.3	66.7	100.1
174	122.3	98.5	147.7





#47

Bromodichloromethane

Concen: 49.744 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN054453.D

Acq: 19 Mar 2019 21:07

Instrument :

MSVOA_N

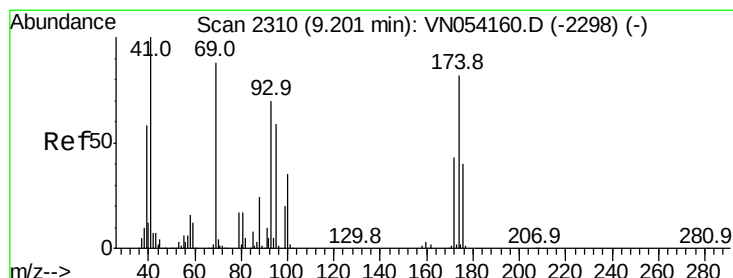
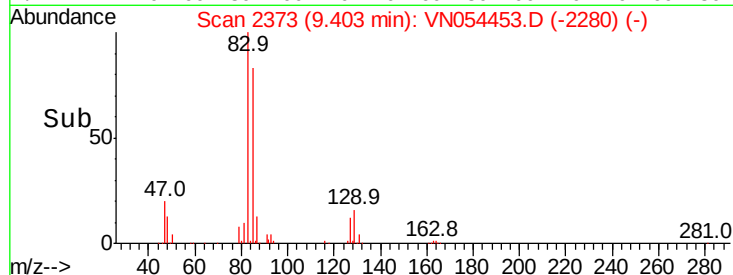
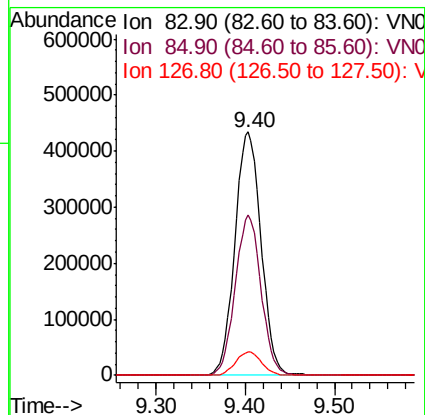
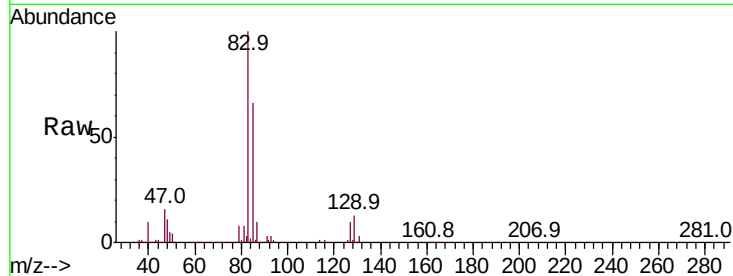
ClientSampleId :

T11-MW-3-8.0-031519MS

Tot Ion:	83	Resp:	877708
Ion Ratio	Lower	Upper	
83	100		
85	65.7	52.8	79.2
127	9.7	7.4	11.2

Manual Integrations
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#48

Methyl methacrylate

Concen: 50.314 ug/l

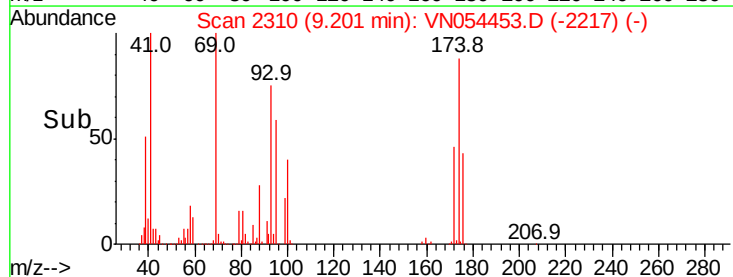
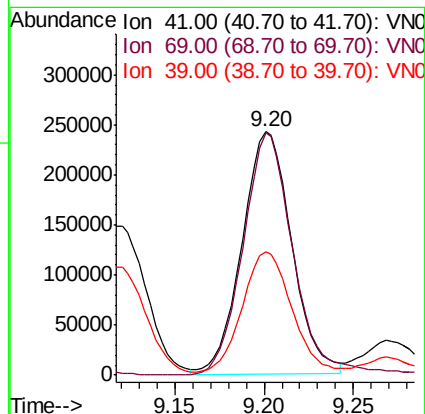
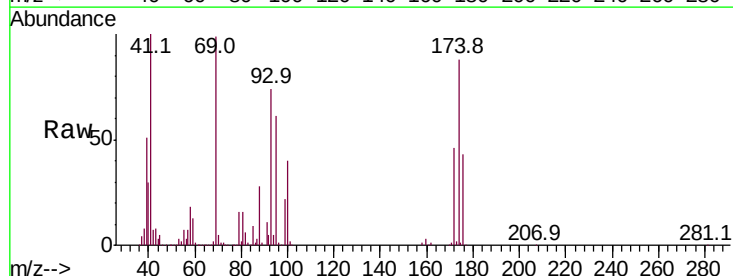
RT: 9.20 min Scan# 2310

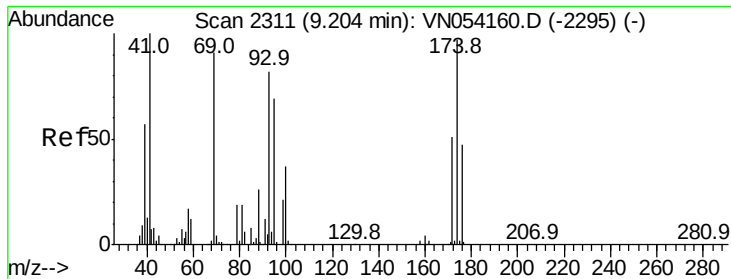
Delta R.T. -0.00 min

Lab File: VN054453.D

Acq: 19 Mar 2019 21:07

Tgt Ion:	41	Resp:	472098
Ion Ratio	Lower	Upper	
41	100		
69	101.3	72.6	108.8
39	50.7	47.5	71.3





#49

1,4-Dioxane

Concen: 1095.698 ug/l

RT: 9.20 min Scan# 2311

Delta R.T. -0.00 min

Lab File: VN054453.D

Acq: 19 Mar 2019 21:07

Instrument :

MSVOA_N

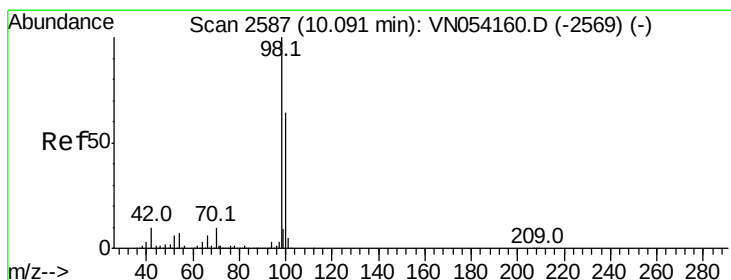
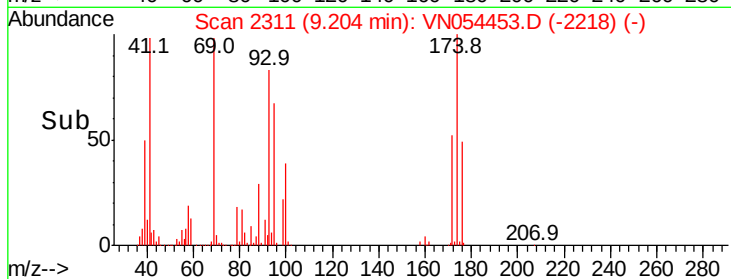
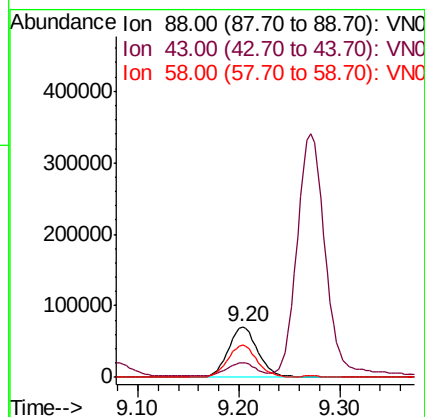
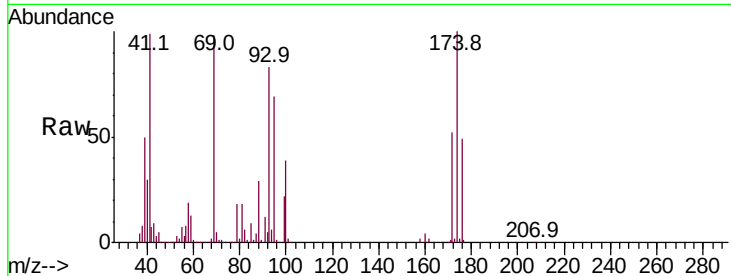
ClientSampleId :

T11-MW-3-8.0-031519MS

Tot Ion:	88	Resp:	145424
Ion	Ratio	Lower	Upper
88	100		
43	26.9	24.1	36.1
58	63.1	50.8	76.2

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#50

Toluene-d8

Concen: 49.660 ug/l

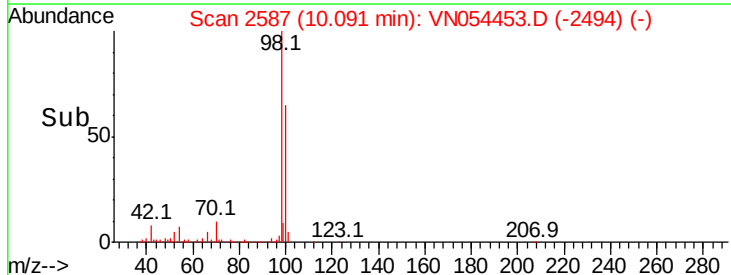
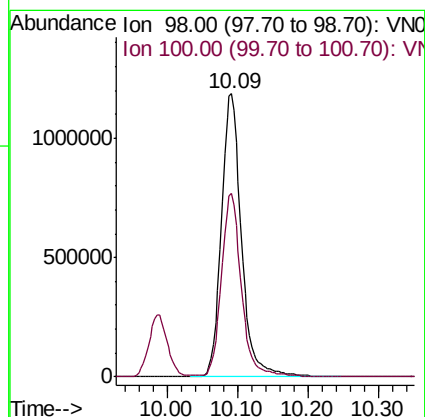
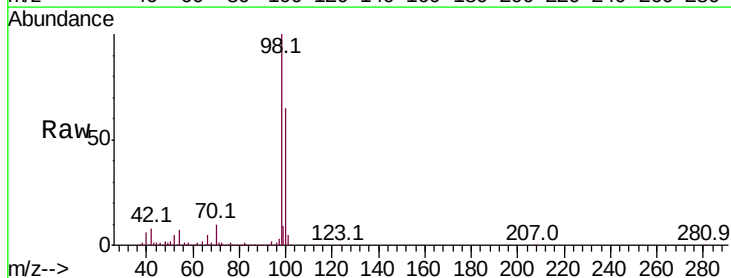
RT: 10.09 min Scan# 2587

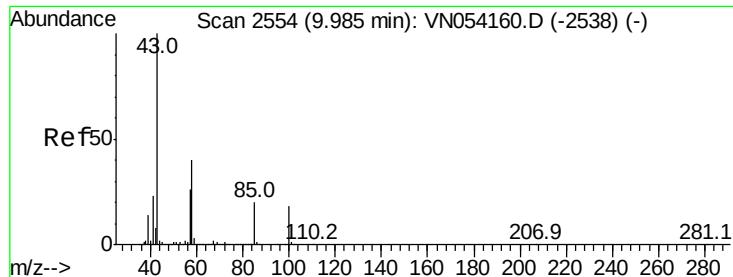
Delta R.T. -0.00 min

Lab File: VN054453.D

Acq: 19 Mar 2019 21:07

Tgt Ion:	98	Resp:	2354709
Ion	Ratio	Lower	Upper
98	100		
100	63.6	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 266.115 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN054453.D

Acq: 19 Mar 2019 21:07

Instrument :

MSVOA_N

ClientSampleId :

T11-MW-3-8.0-031519MS

Tot Ion: 43 Resp: 2603864

Ion Ratio Lower Upper

43 100

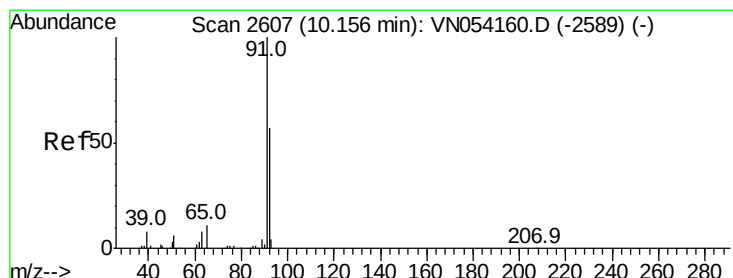
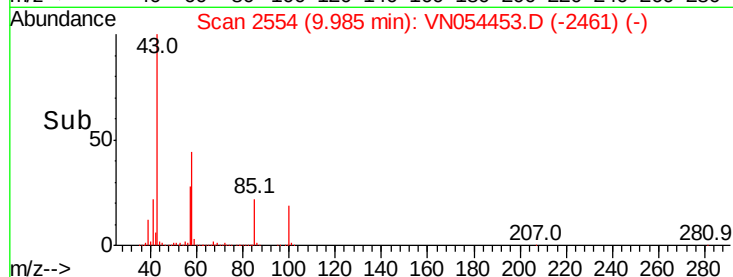
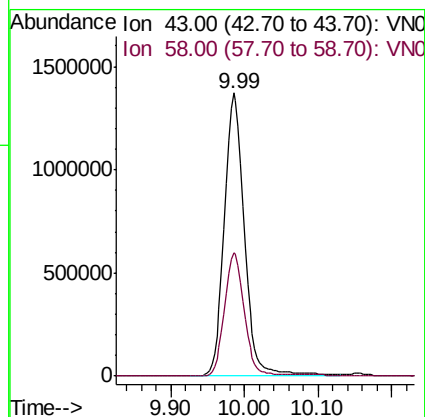
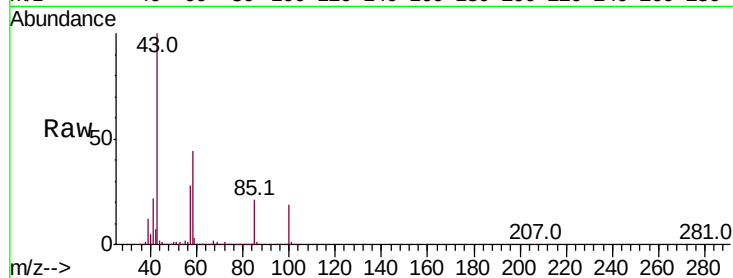
58 43.0 31.8 47.6

Manual Integrations

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#52

Toluene

Concen: 51.667 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN054453.D

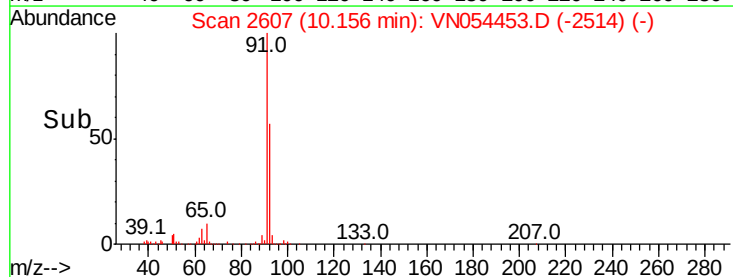
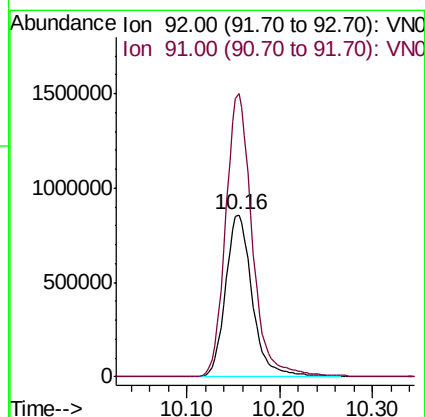
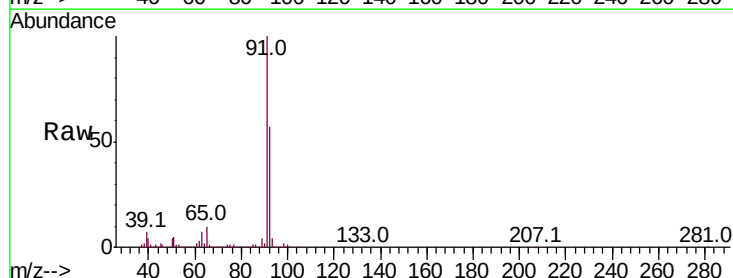
Acq: 19 Mar 2019 21:07

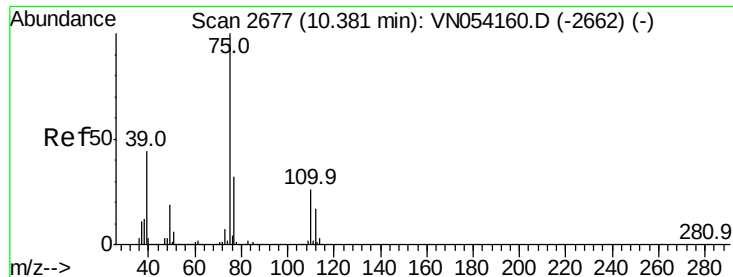
Tgt Ion: 92 Resp: 1718625

Ion Ratio Lower Upper

92 100

91 174.6 140.7 211.1





#53

t-1,3-Dichloropropene

Concen: 42.507 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. -0.00 min

Lab File: VN054453.D

Acq: 19 Mar 2019 21:07

Instrument :

MSVOA_N

ClientSampleId :

T11-MW-3-8.0-031519MS

Tot Ion: 75 Resp: 851586

Ion Ratio Lower Upper

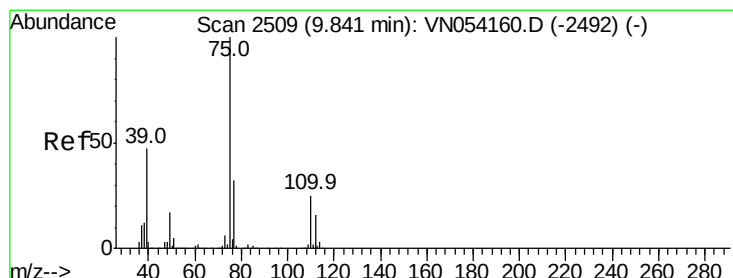
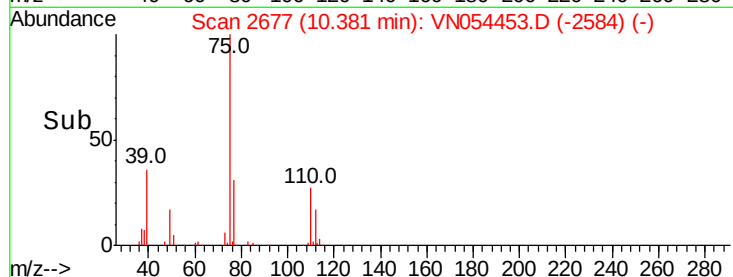
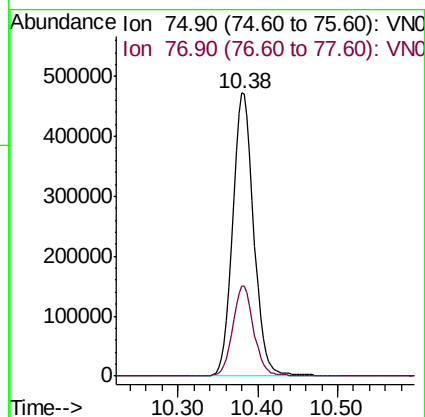
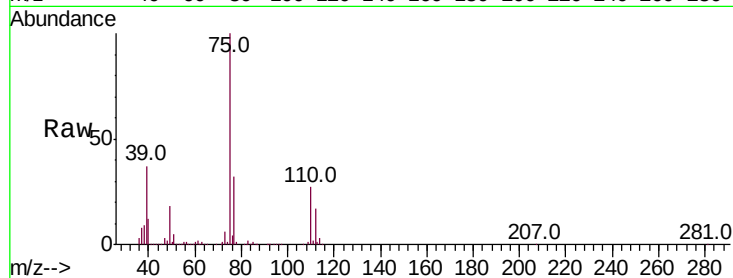
75 100

77 31.5 25.8 38.8

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#54

cis-1,3-Dichloropropene

Concen: 50.065 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN054453.D

Acq: 19 Mar 2019 21:07

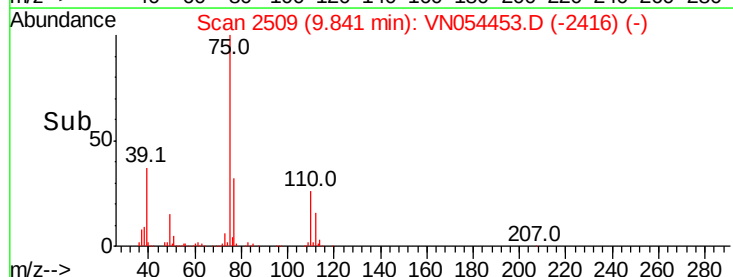
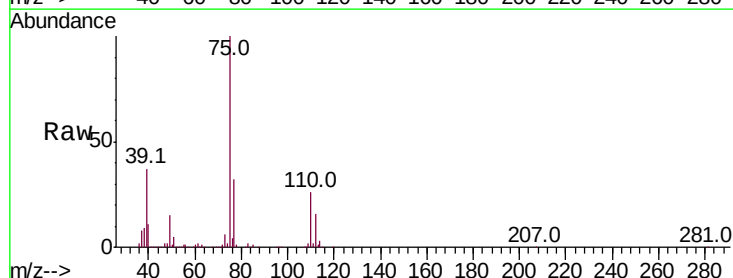
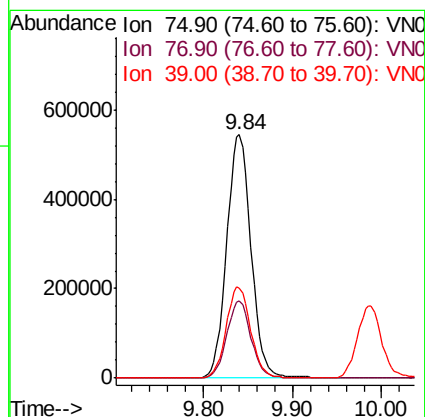
Tgt Ion: 75 Resp: 1029409

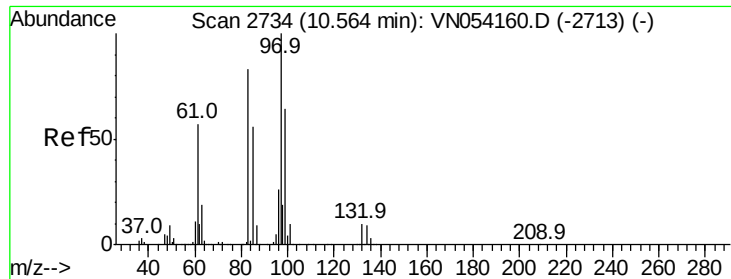
Ion Ratio Lower Upper

75 100

77 31.8 25.4 38.0

39 37.1 37.2 55.8#





#55

1,1,2-Trichloroethane

Concen: 53.222 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. -0.00 min

Lab File: VN054453.D

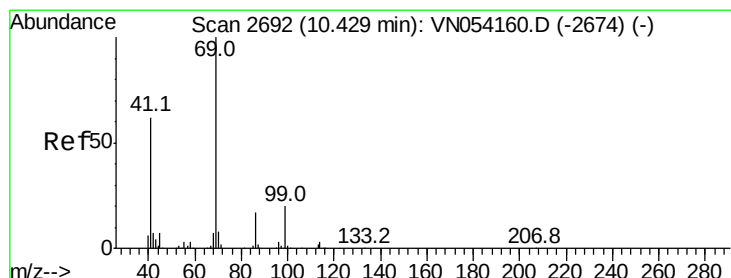
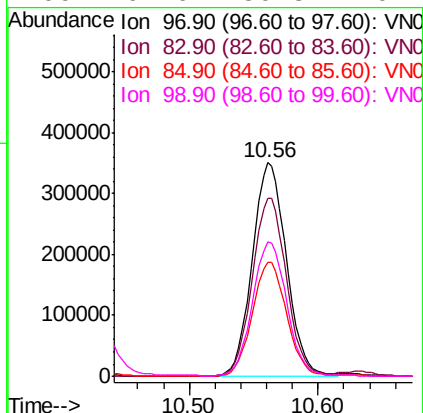
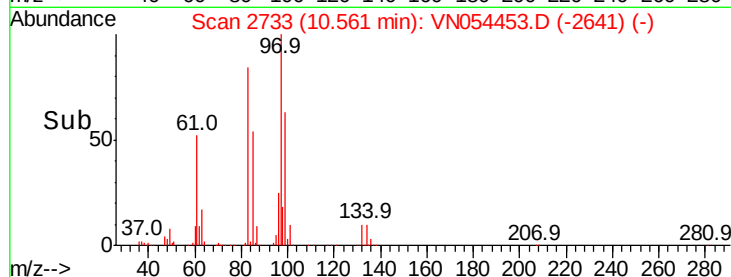
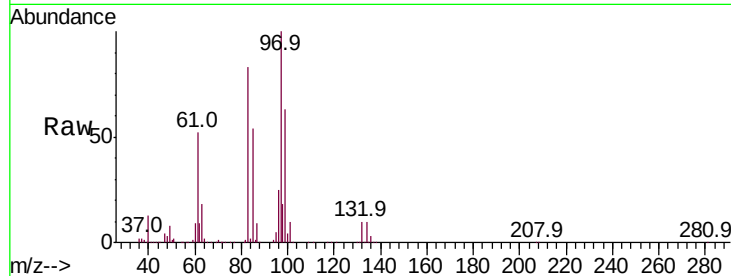
Acq: 19 Mar 2019 21:07

Instrument :
MSVOA_N
ClientSampleId :
T11-MW-3-8.0-031519MS

Tot Ion	Ratio	Lower	Upper
97	100		
83	83.4	66.6	100.0
85	53.6	44.4	66.6
99	62.6	50.8	76.2

Manual Integrations
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#56

Ethyl methacrylate

Concen: 55.735 ug/l

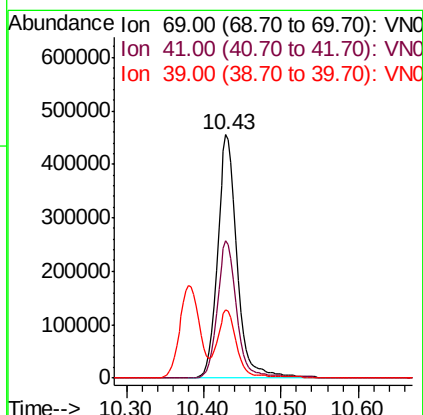
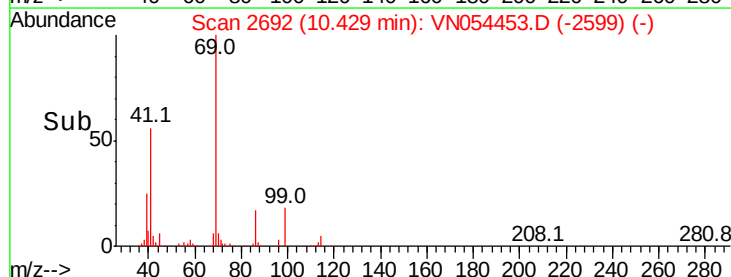
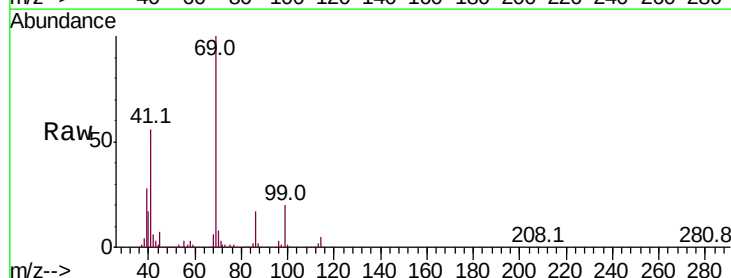
RT: 10.43 min Scan# 2692

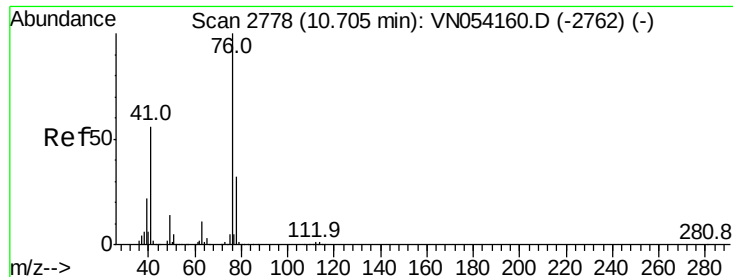
Delta R.T. -0.00 min

Lab File: VN054453.D

Acq: 19 Mar 2019 21:07

Tgt Ion	Ratio	Lower	Upper
69	100		
41	55.4	49.4	74.2
39	27.6	28.3	42.5#





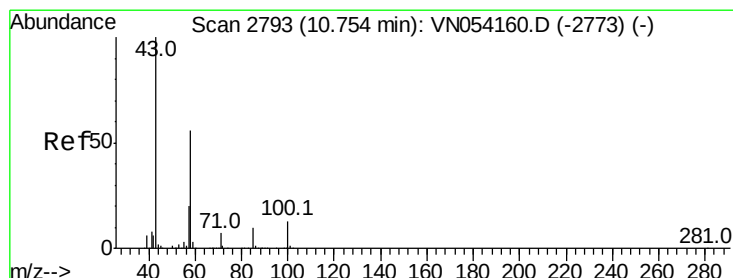
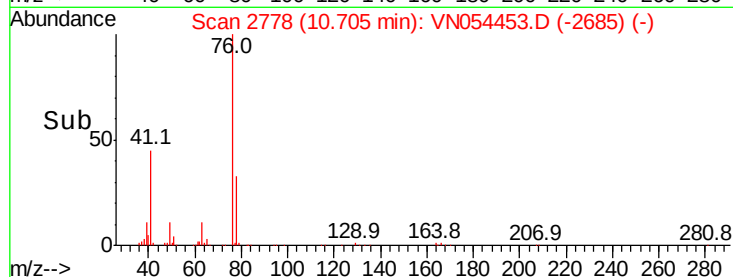
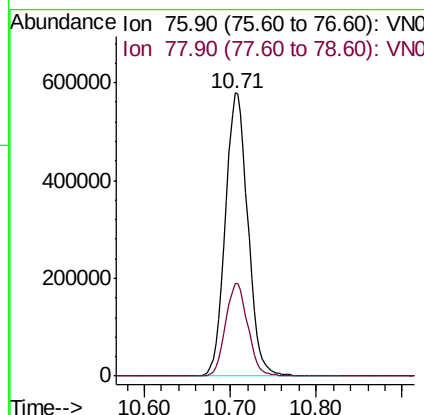
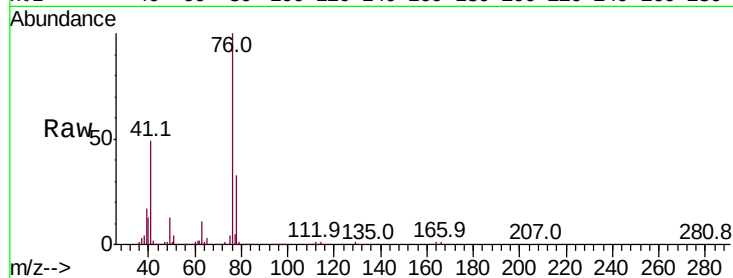
#57
 1,3-Dichloropropane
 Concen: 53.113 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. -0.00 min
 Lab File: VN054453.D
 Acq: 19 Mar 2019 21:07

Instrument :
 MSVOA_N
 ClientSampleId :
 T11-MW-3-8.0-031519MS

Tot Ion: 76 Resp: 1054823
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.7 38.5

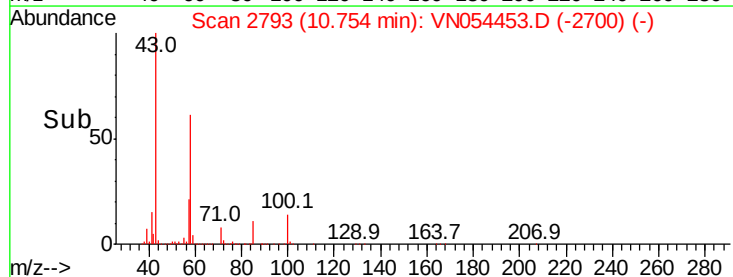
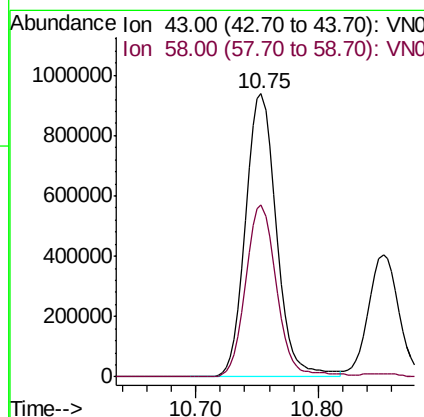
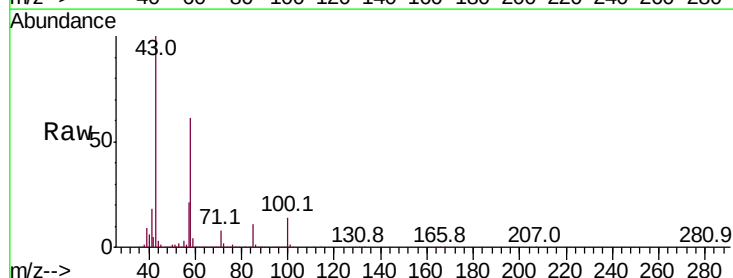
Manual Integrations
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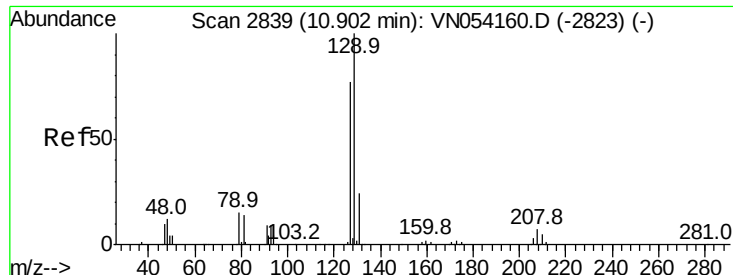
MMDadoda
 3/20/2019 12:22:02 PM



#59
 2-Hexanone
 Concen: 250.250 ug/l
 RT: 10.75 min Scan# 2793
 Delta R.T. -0.00 min
 Lab File: VN054453.D
 Acq: 19 Mar 2019 21:07

Tgt Ion: 43 Resp: 1629314
 Ion Ratio Lower Upper
 43 100
 58 61.0 28.0 83.9





#60

Dibromochloromethane

Concen: 50.949 ug/l

RT: 10.90 min Scan# 2839

Delta R.T. -0.00 min

Lab File: VN054453.D

Acq: 19 Mar 2019 21:07

Instrument :

MSVOA_N

ClientSampleId :

T11-MW-3-8.0-031519MS

Tot Ion:129 Resp: 696508

Ion Ratio Lower Upper

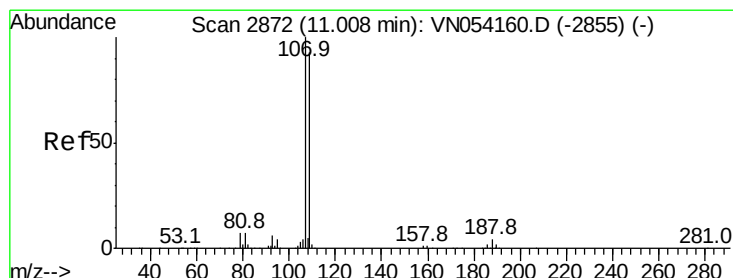
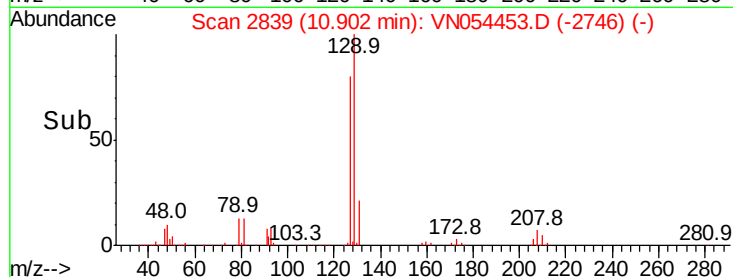
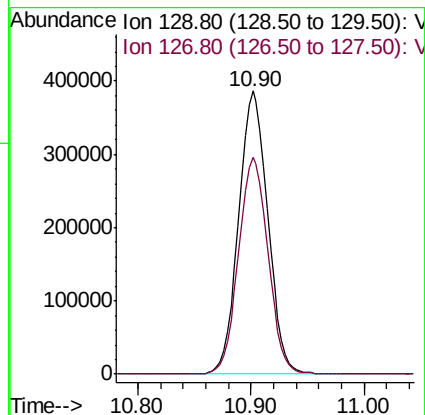
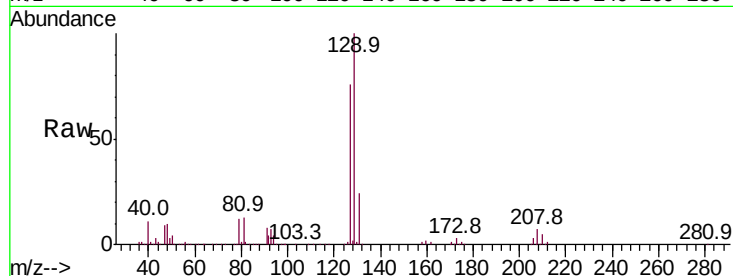
129 100

127 77.5 38.6 115.8

Manual Integrations
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#61

1,2-Dibromoethane

Concen: 52.245 ug/l

RT: 11.01 min Scan# 2872

Delta R.T. -0.00 min

Lab File: VN054453.D

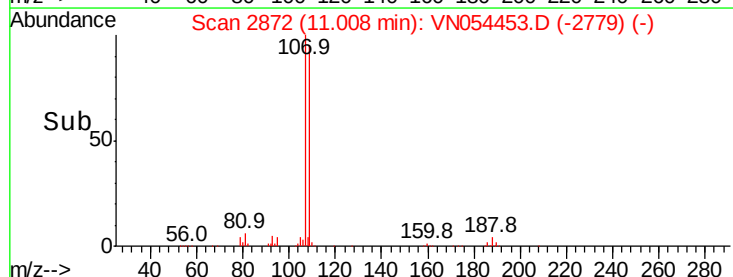
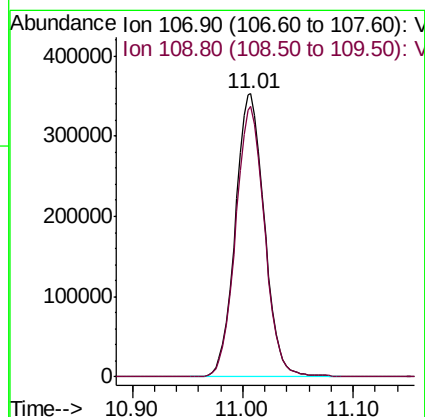
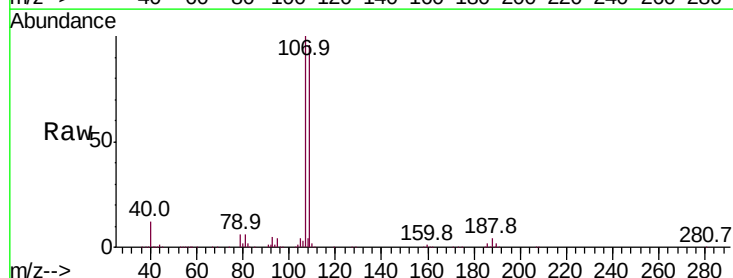
Acq: 19 Mar 2019 21:07

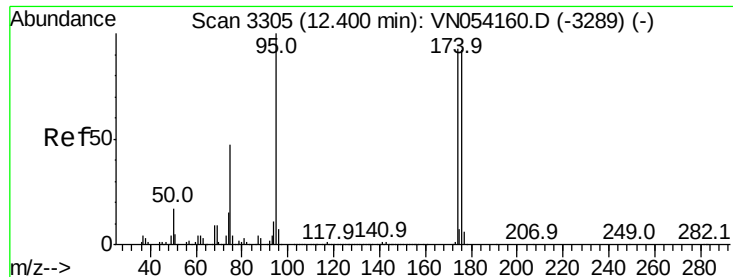
Tgt Ion:107 Resp: 644846

Ion Ratio Lower Upper

107 100

109 95.0 75.9 113.9





#62

4-Bromofluorobenzene

Concen: 48.034 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054453.D

Acq: 19 Mar 2019 21:07

Instrument :

MSVOA_N

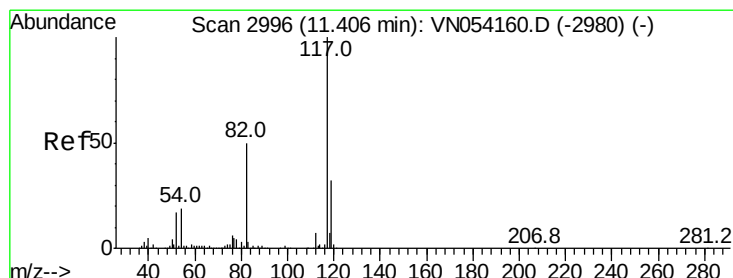
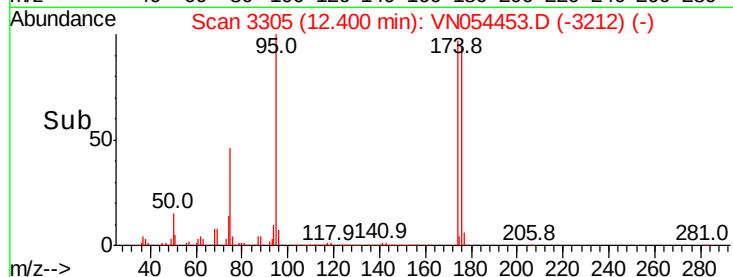
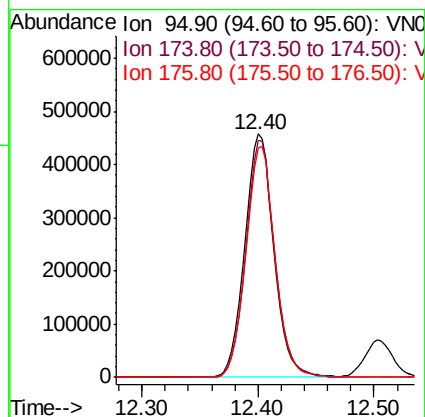
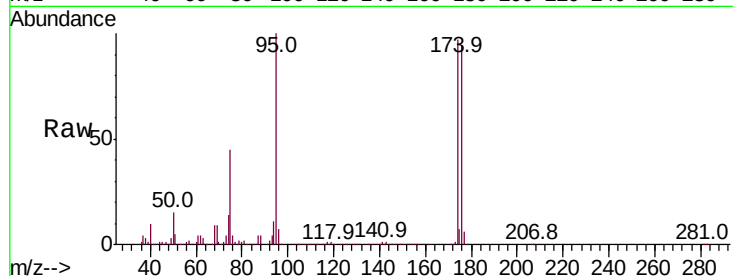
ClientSampleId :

T11-MW-3-8.0-031519MS

Tot Ion:	95	Resp:	796932
Ion Ratio	Lower	Upper	
95	100		
174	97.1	0.0	191.0
176	94.8	0.0	187.4

Manual Integrations
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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

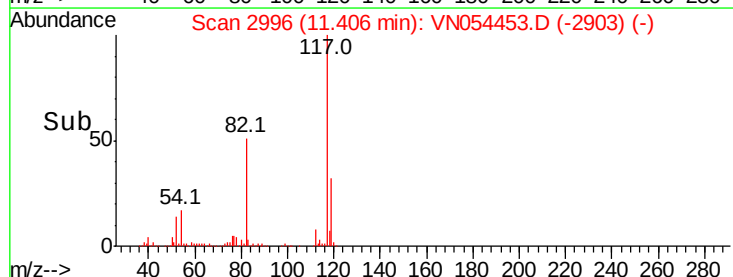
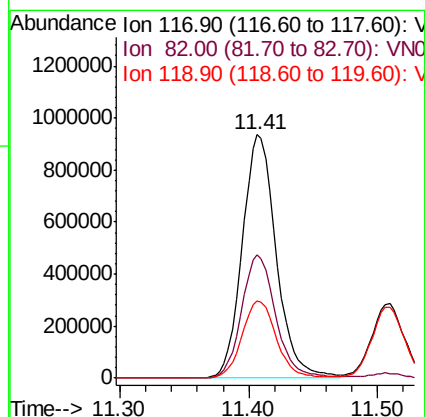
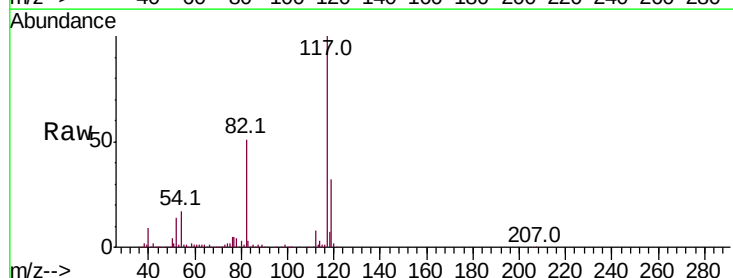
RT: 11.41 min Scan# 2996

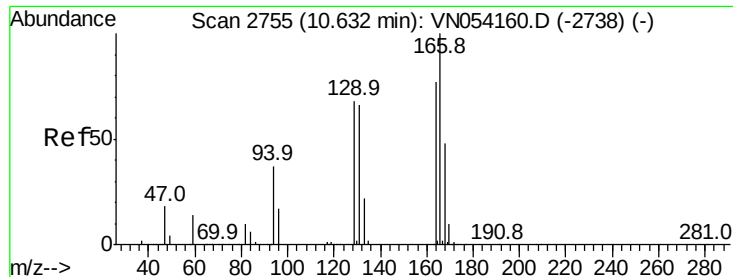
Delta R.T. -0.00 min

Lab File: VN054453.D

Acq: 19 Mar 2019 21:07

Tgt Ion:	117	Resp:	1716611
Ion Ratio	Lower	Upper	
117	100		
82	50.8	40.0	60.0
119	31.9	25.8	38.6





#64

Tetrachloroethene

Concen: 42.993 ug/l

RT: 10.63 min Scan# 2755

Delta R.T. -0.00 min

Lab File: VN054453.D

Acq: 19 Mar 2019 21:07

Instrument :

MSVOA_N

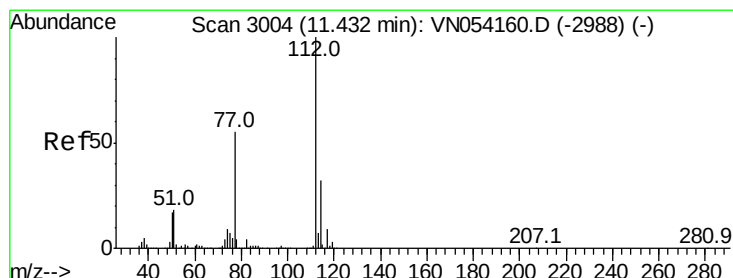
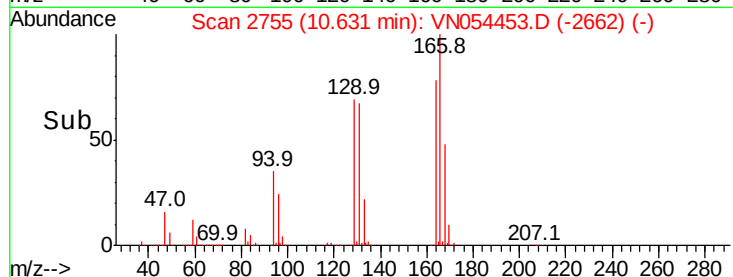
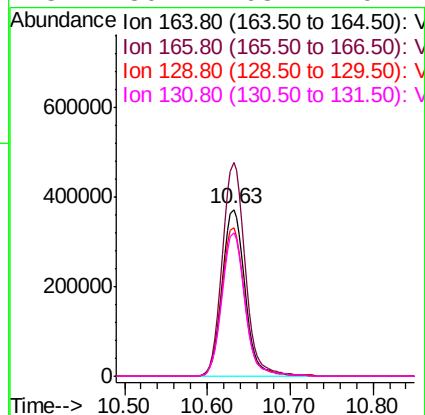
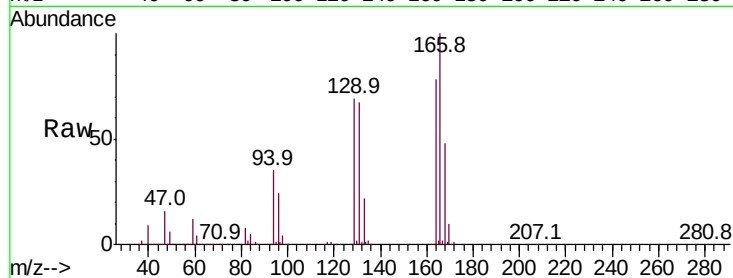
ClientSampleId :

T11-MW-3-8.0-031519MS

Tot Ion:	164	Resp:	713563
Ion Ratio	Lower	Upper	
164	100		
166	128.3	103.9	155.9
129	89.0	71.1	106.7
131	86.1	68.2	102.4

Manual Integrations
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#65

Chlorobenzene

Concen: 52.569 ug/l

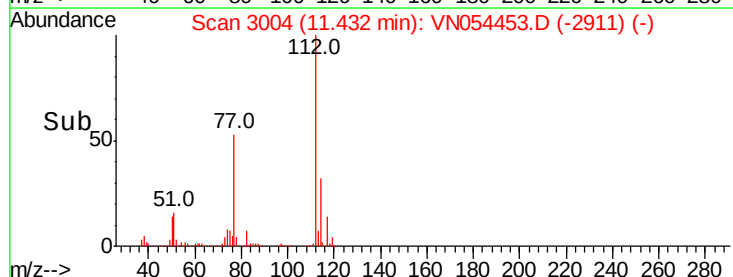
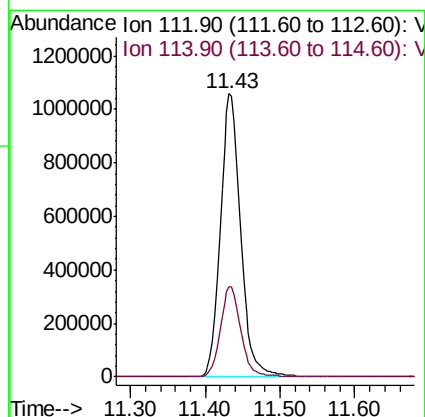
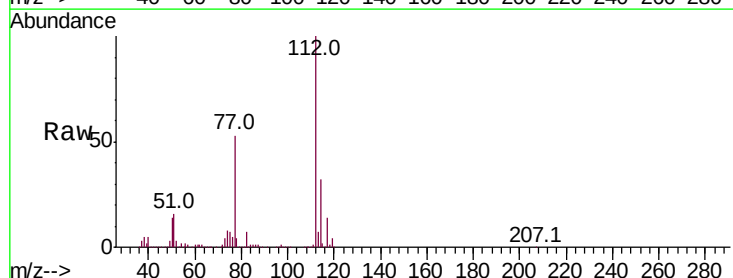
RT: 11.43 min Scan# 3004

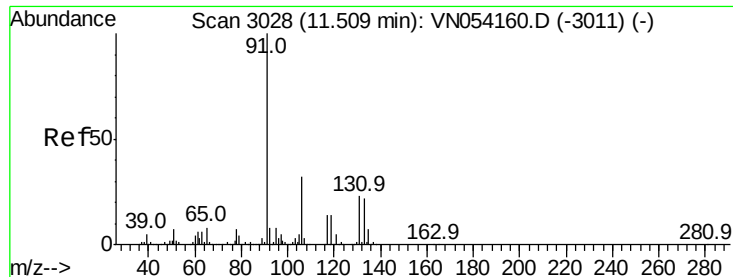
Delta R.T. -0.00 min

Lab File: VN054453.D

Acq: 19 Mar 2019 21:07

Tgt Ion:	112	Resp:	1981450
Ion Ratio	Lower	Upper	
112	100		
114	32.0	25.9	38.9





#66

1,1,1,2-Tetrachloroethane

Concen: 52.783 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. -0.00 min

Lab File: VN054453.D

Acq: 19 Mar 2019 21:07

Instrument :

MSVOA_N

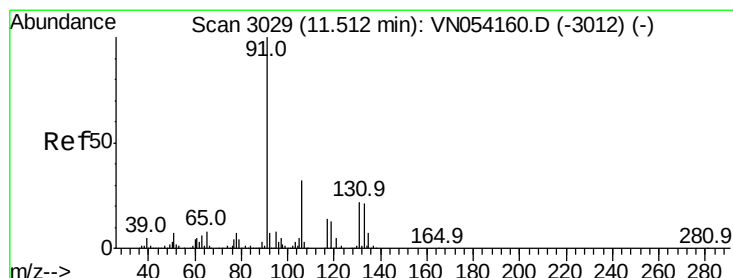
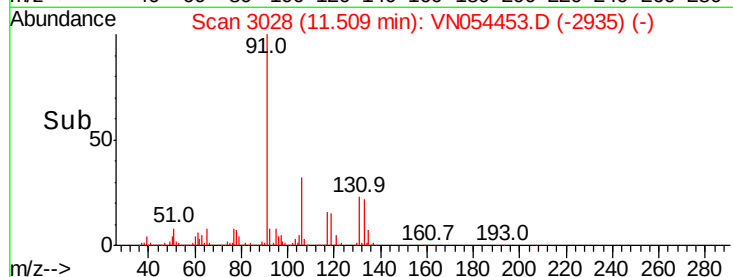
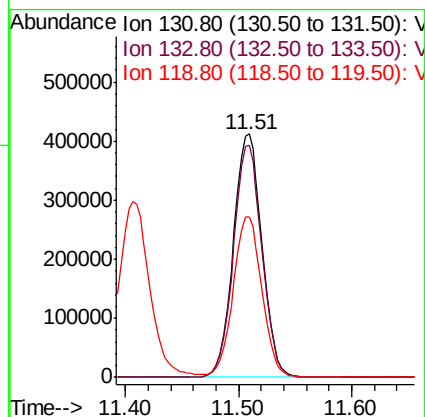
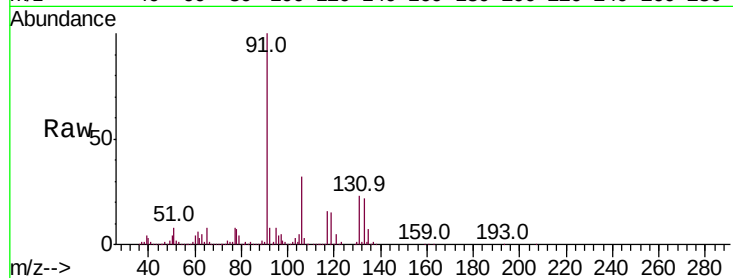
ClientSampleId :

T11-MW-3-8.0-031519MS

Tot Ion:	131	Resp:	722731
Ion Ratio	Lower	Upper	
131	100		
133	95.1	47.6	142.9
119	66.3	32.4	97.0

Manual Integrations
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#67

Ethyl Benzene

Concen: 50.606 ug/l

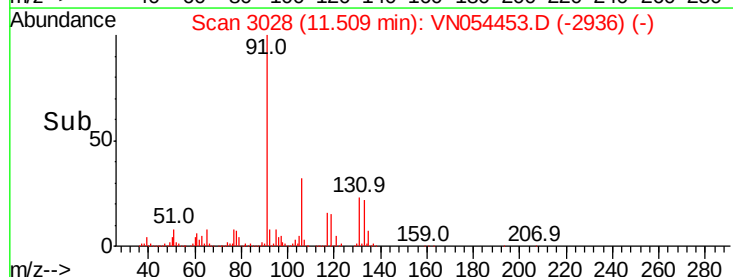
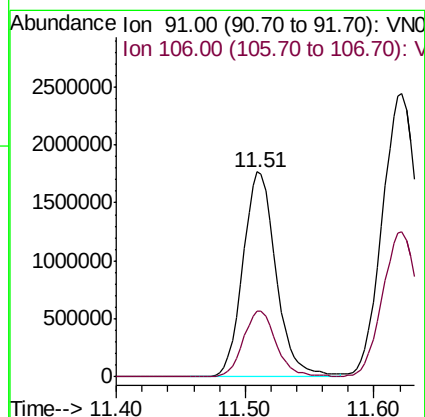
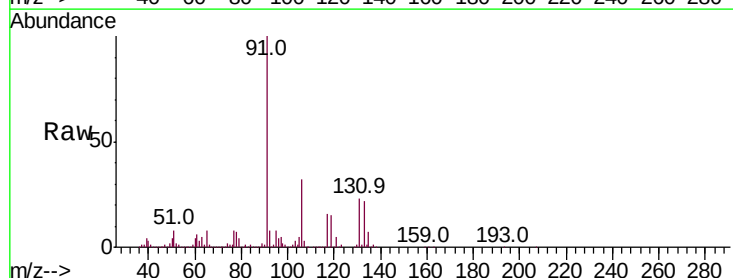
RT: 11.51 min Scan# 3028

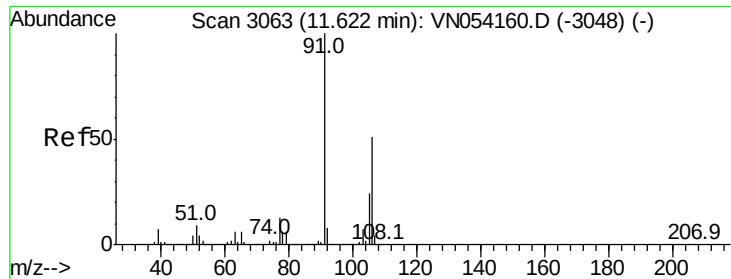
Delta R.T. -0.00 min

Lab File: VN054453.D

Acq: 19 Mar 2019 21:07

Tgt Ion:	91	Resp:	3161890
Ion Ratio	Lower	Upper	
91	100		
106	32.3	25.5	38.3





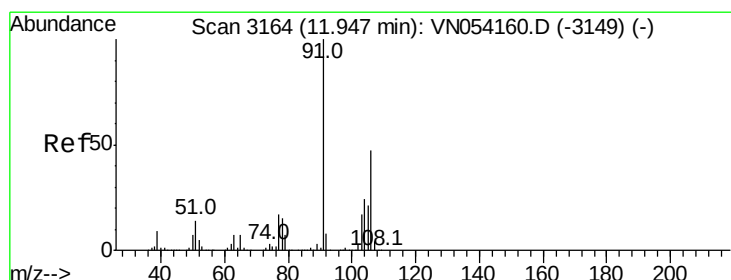
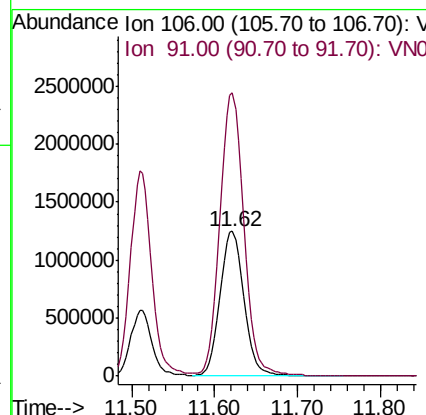
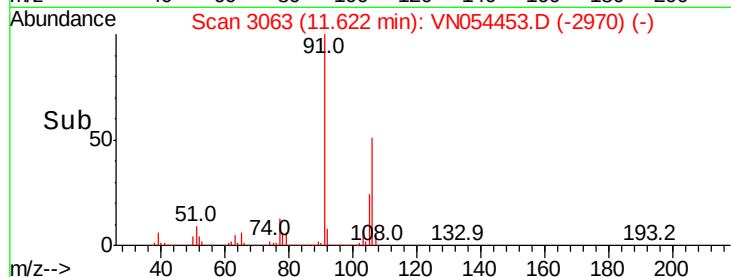
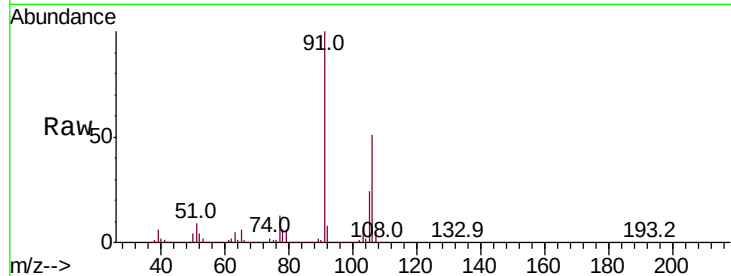
#68
m/p-Xylenes
Concen: 102.781 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN054453.D
Acq: 19 Mar 2019 21:07

Instrument :
MSVOA_N
ClientSampleId :
T11-MW-3-8.0-031519MS

Tot Ion:106 Resp: 2509963
Ion Ratio Lower Upper
106 100
91 196.0 159.4 239.2

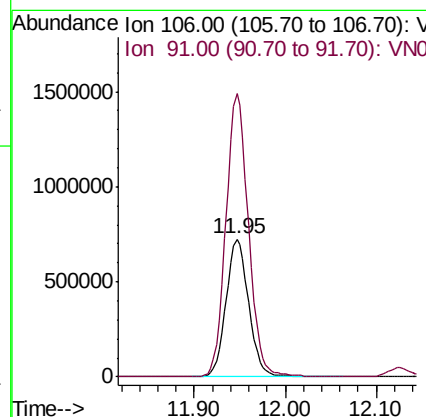
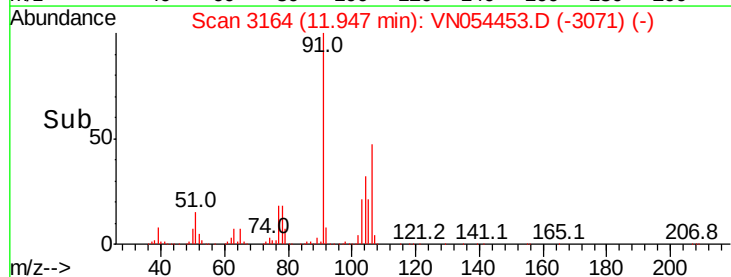
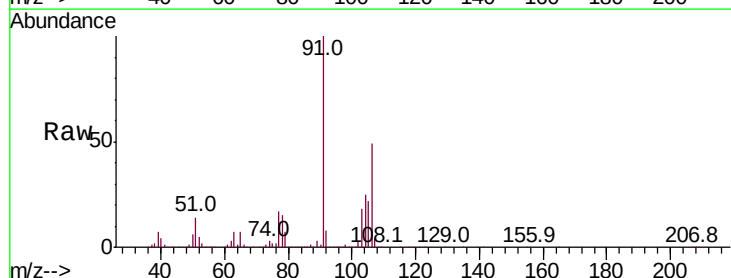
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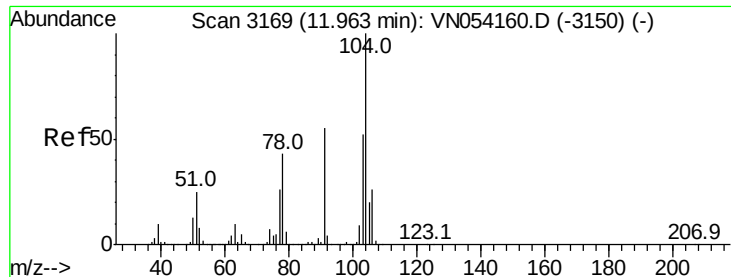
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#69
o-Xylene
Concen: 52.721 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN054453.D
Acq: 19 Mar 2019 21:07

Tgt Ion:106 Resp: 1255064
Ion Ratio Lower Upper
106 100
91 204.5 105.7 317.1





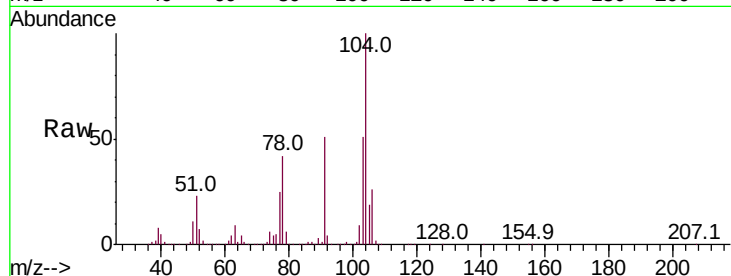
#70
Stvrene
Concen: 53.217 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN054453.D
Acq: 19 Mar 2019 21:07

Instrument :
MSVOA_N
ClientSampleId :
T11-MW-3-8.0-031519MS

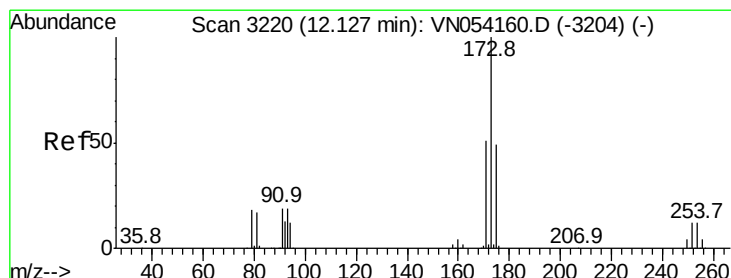
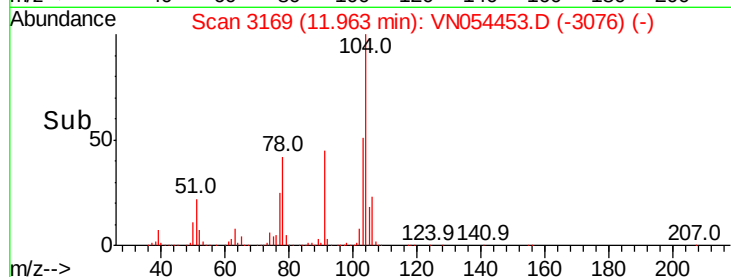
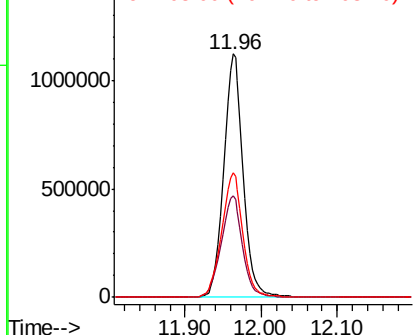
Tot Ion:104 Resp: 1986903
Ion Ratio Lower Upper
104 100
78 45.9 38.2 57.2
103 55.7 44.4 66.6

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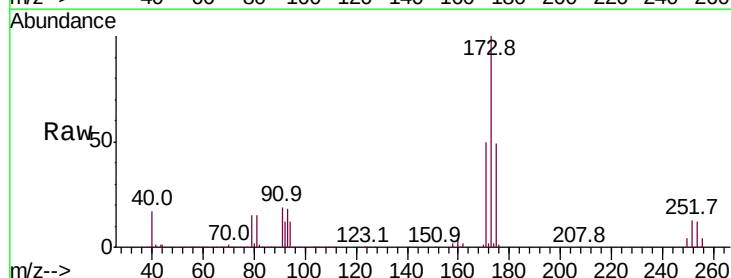


Abundance Ion 104.00 (103.70 to 104.70): V
1500000
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V

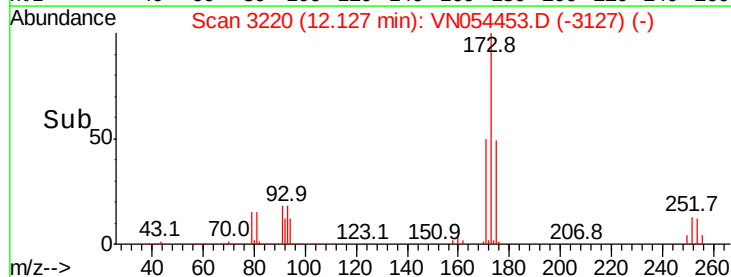
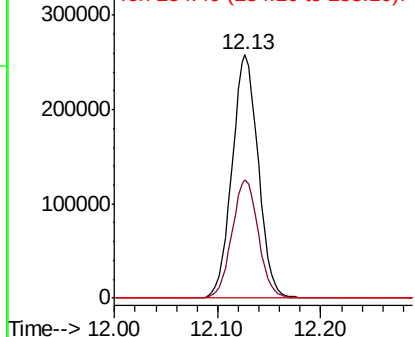


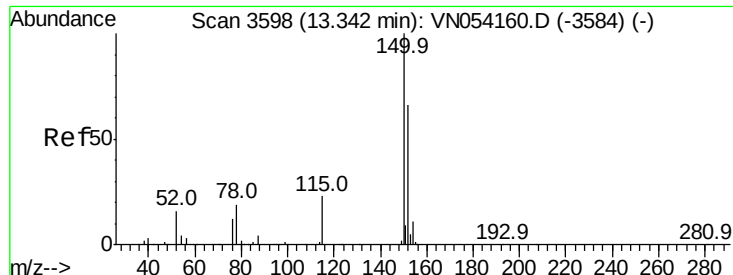
#71
Bromoform
Concen: 44.024 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. -0.00 min
Lab File: VN054453.D
Acq: 19 Mar 2019 21:07

Tgt Ion:173 Resp: 456437
Ion Ratio Lower Upper
173 100
175 49.1 24.4 73.2
254 0.1 0.1 0.1



Abundance Ion 172.70 (172.40 to 173.40): V
300000
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN054453.D

Acq: 19 Mar 2019 21:07

Instrument :

MSVOA_N

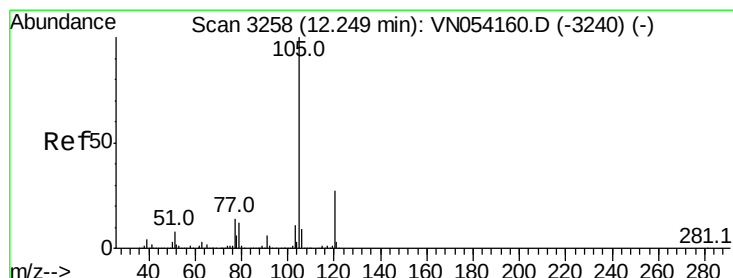
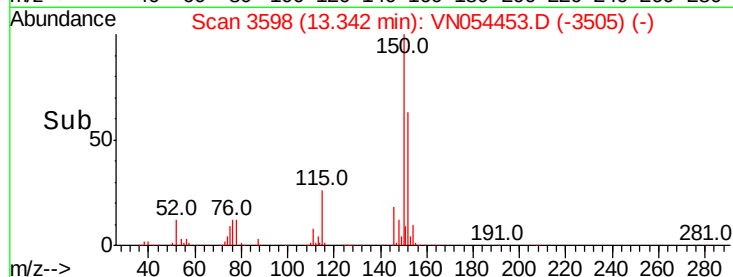
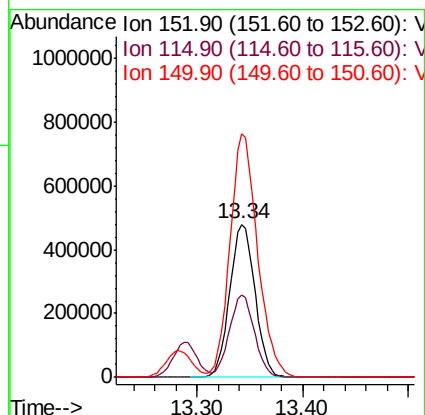
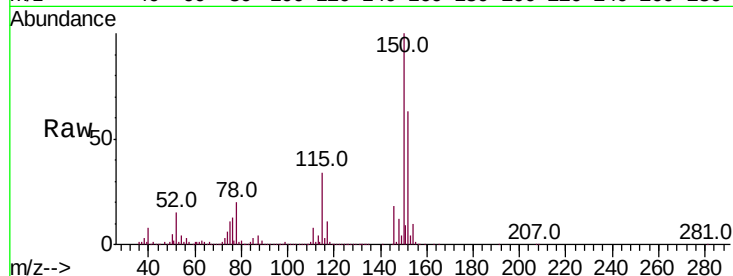
ClientSampleId :

T11-MW-3-8.0-031519MS

Tot Ion:	152	Resp:	795125
Ion Ratio	Lower	Upper	
152	100		
115	53.6	27.2	81.6
150	173.6	0.0	349.2

Manual Integrations
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#73

Isopropylbenzene

Concen: 49.232 ug/l

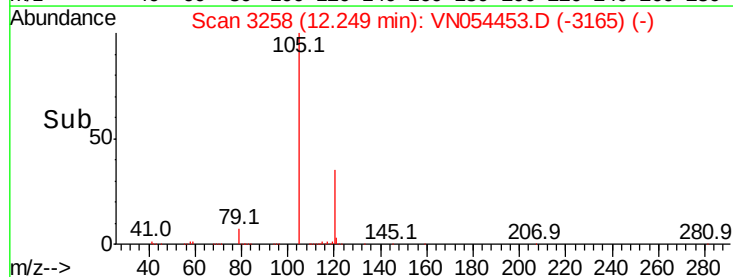
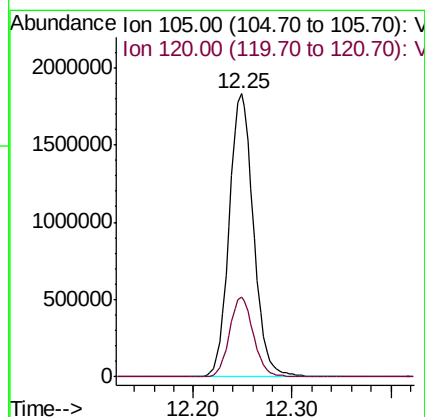
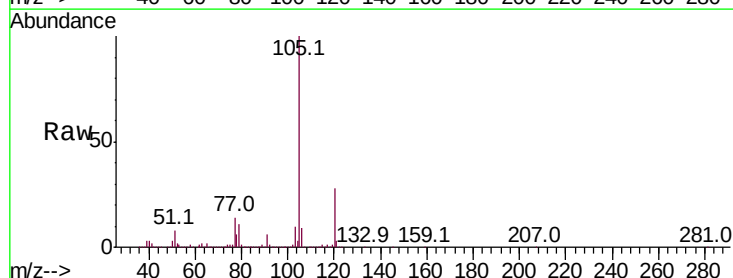
RT: 12.25 min Scan# 3258

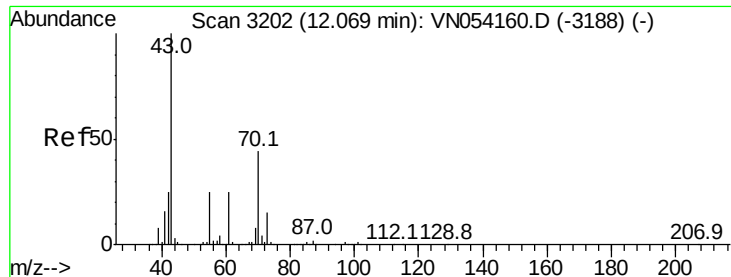
Delta R.T. -0.00 min

Lab File: VN054453.D

Acq: 19 Mar 2019 21:07

Tgt Ion:	105	Resp:	3131906
Ion Ratio	Lower	Upper	
105	100		
120	28.0	13.8	41.3





#74

N-amyl acetate

Concen: 53.373 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN054453.D

Acq: 19 Mar 2019 21:07

Instrument :

MSVOA_N

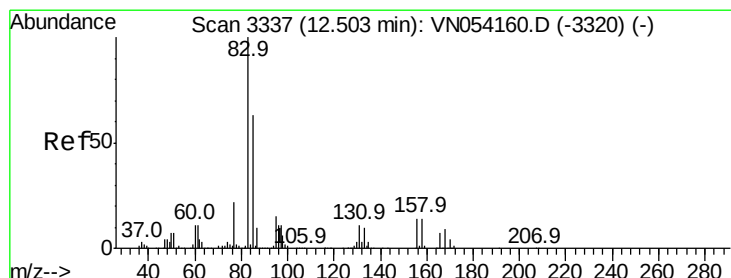
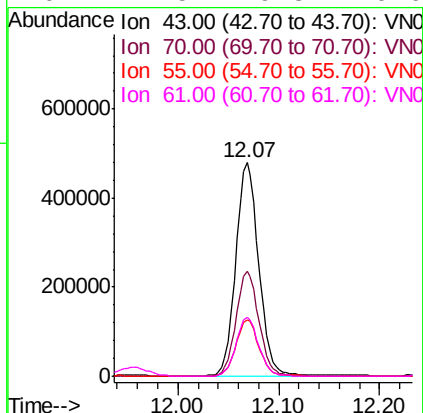
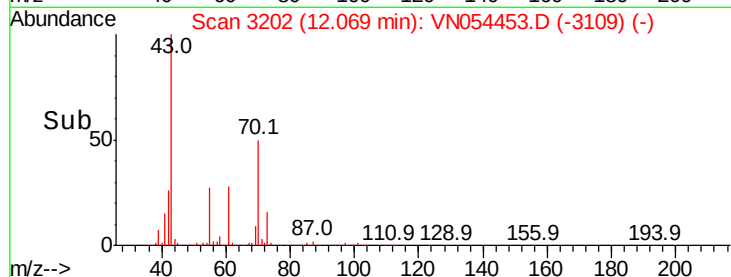
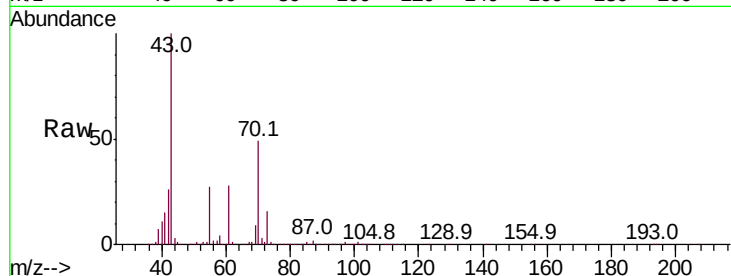
ClientSampleId :

T11-MW-3-8.0-031519MS

Tot Ion	43	70	55	61
Ratio	100	49.4	26.6	27.5
Lower		35.4	19.8	19.8
Upper		53.0	29.6	29.6

Manual Integrations
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#75

1,1,2,2-Tetrachloroethane

Concen: 56.203 ug/l

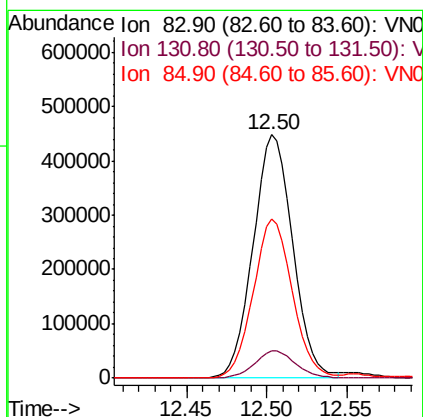
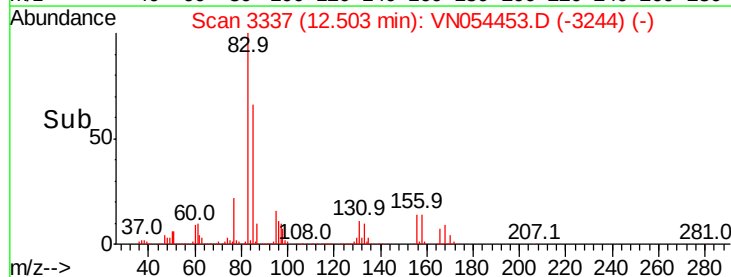
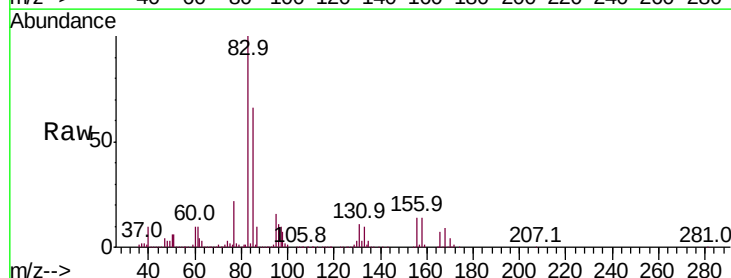
RT: 12.50 min Scan# 3337

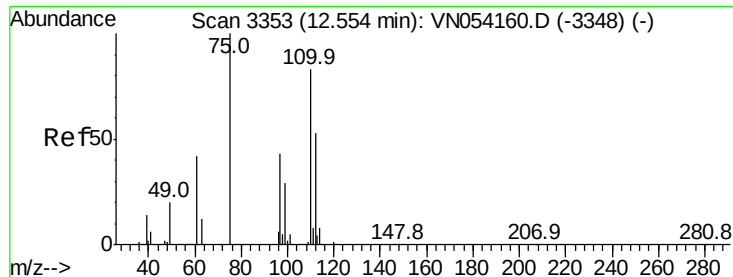
Delta R.T. -0.00 min

Lab File: VN054453.D

Acq: 19 Mar 2019 21:07

Tgt Ion	83	131	85
Ratio	100	11.6	64.3
Lower		5.8	32.2
Upper		17.4	96.6





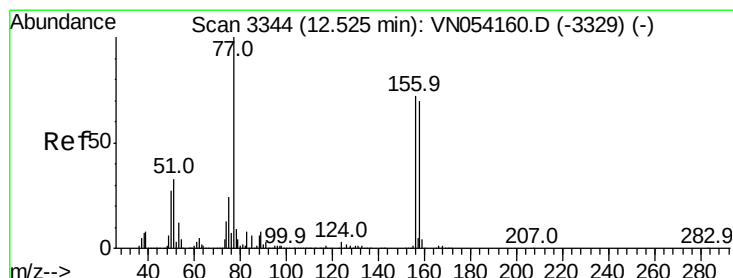
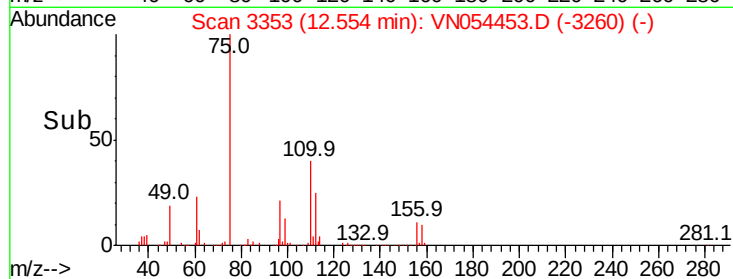
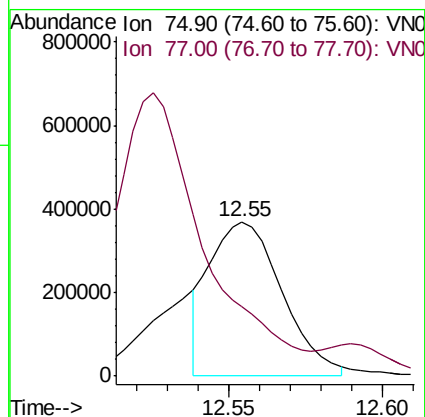
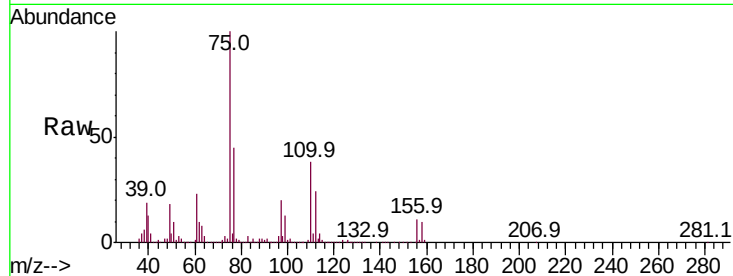
#76
 1,2,3-Trichloropropane
 Concen: 51.917 ug/l m
 RT: 12.55 min Scan# 3353
 Delta R.T. -0.00 min
 Lab File: VN054453.D
 Acq: 19 Mar 2019 21:07

Instrument :
 MSVOA_N
 ClientSampleId :
 T11-MW-3-8.0-031519MS

Tot Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

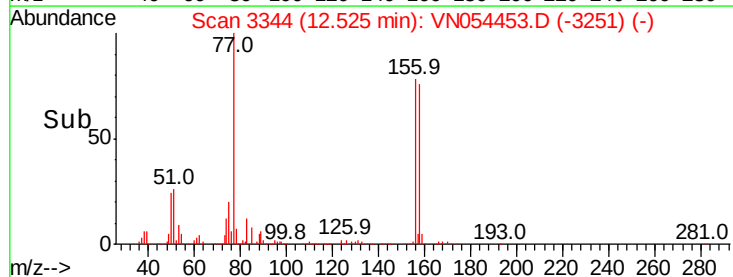
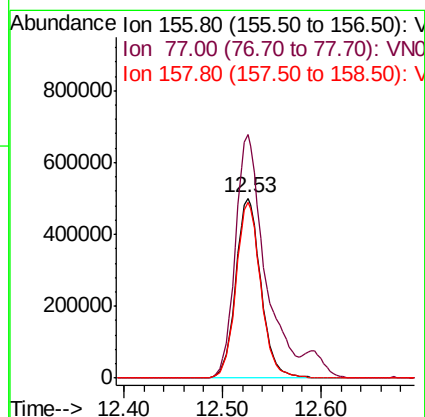
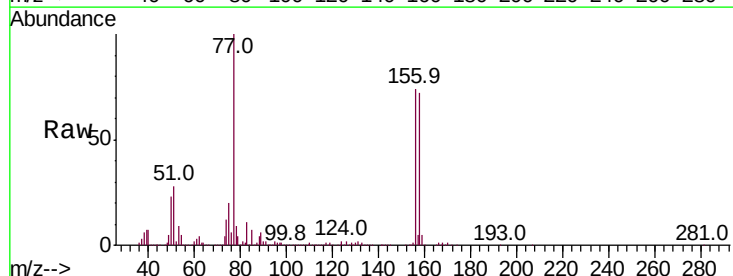
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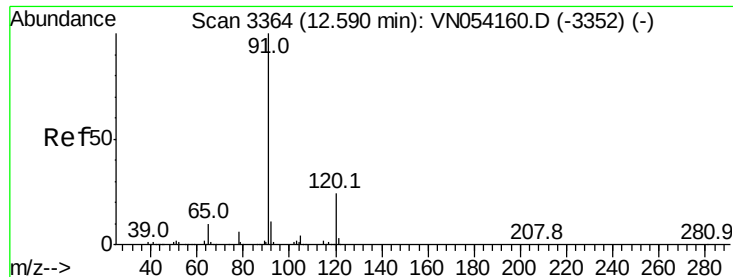
MMDadoda
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#77
 Bromobenzene
 Concen: 52.567 ug/l
 RT: 12.53 min Scan# 3344
 Delta R.T. -0.00 min
 Lab File: VN054453.D
 Acq: 19 Mar 2019 21:07

Tgt Ion	Ratio	Lower	Upper
156	100		
77	158.0	81.5	244.4
158	96.3	49.0	147.2





#78

n-propylbenzene

Concen: 48.117 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN054453.D

Acq: 19 Mar 2019 21:07

Instrument :

MSVOA_N

ClientSampleId :

T11-MW-3-8.0-031519MS

Tot Ion: 91 Resp: 3321322

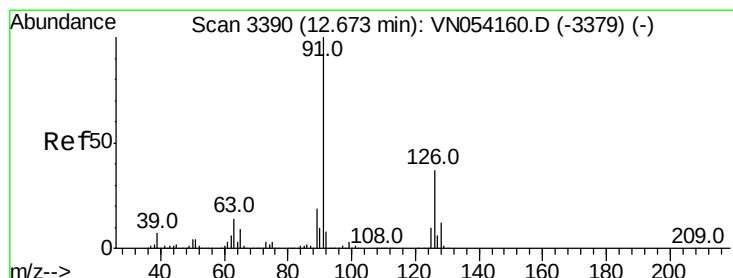
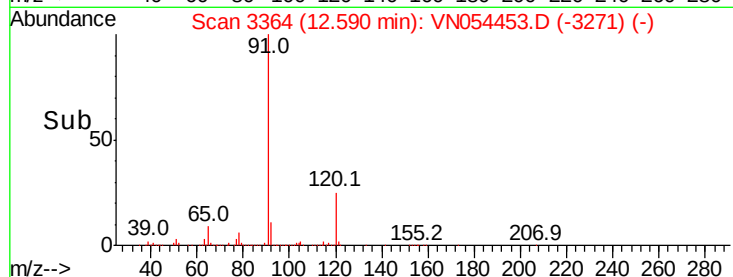
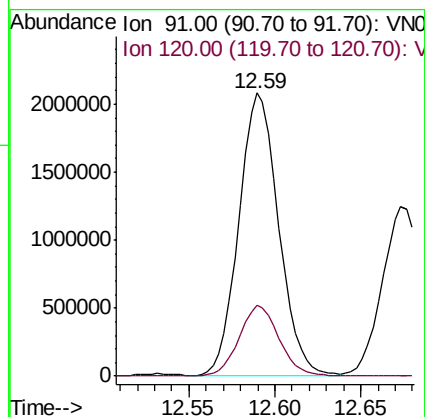
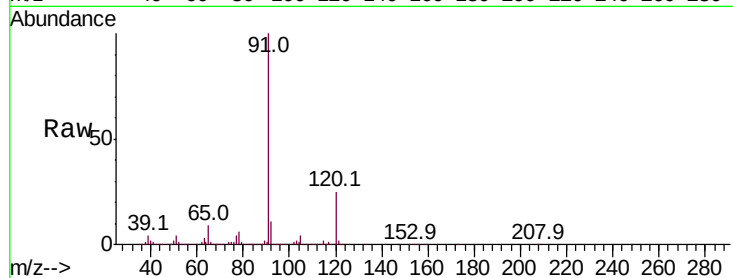
Ion Ratio Lower Upper

91 100

120 25.3 12.3 36.9

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#79

2-Chlorotoluene

Concen: 49.742 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN054453.D

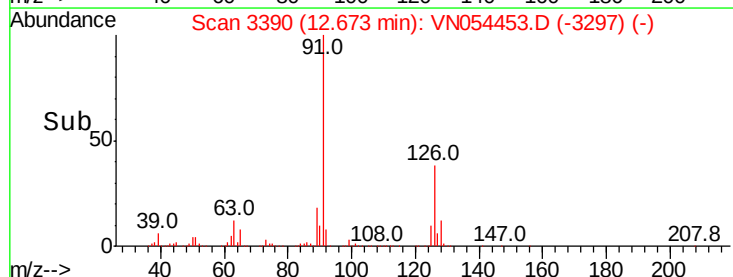
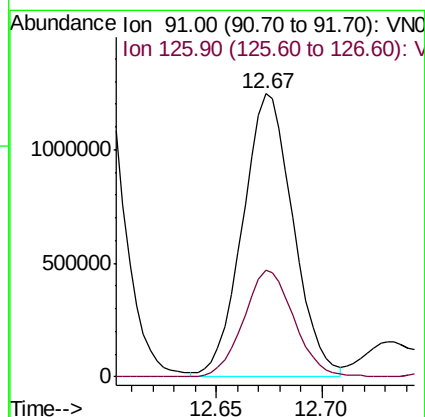
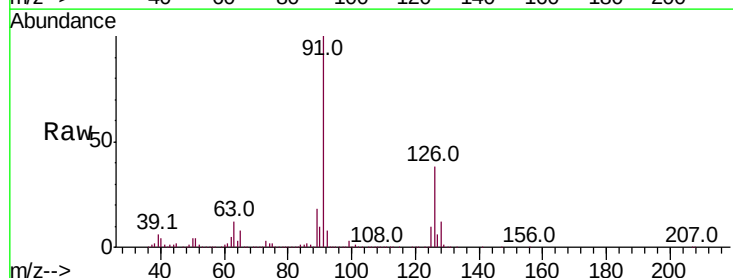
Acq: 19 Mar 2019 21:07

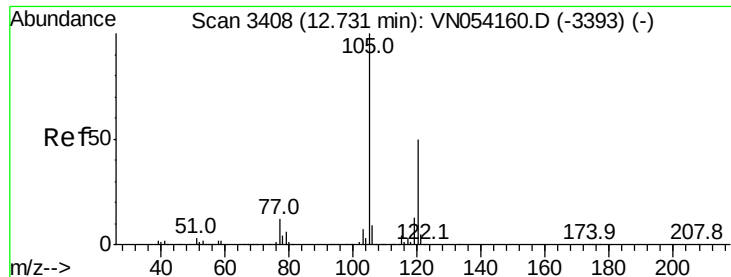
Tgt Ion: 91 Resp: 2064484

Ion Ratio Lower Upper

91 100

126 38.1 18.7 56.1





#80

1,3,5-Trimethylbenzene

Concen: 48.529 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN054453.D

Acq: 19 Mar 2019 21:07

Instrument :

MSVOA_N

ClientSampleId :

T11-MW-3-8.0-031519MS

Tot Ion:105 Resp: 2567867

Ion Ratio Lower Upper

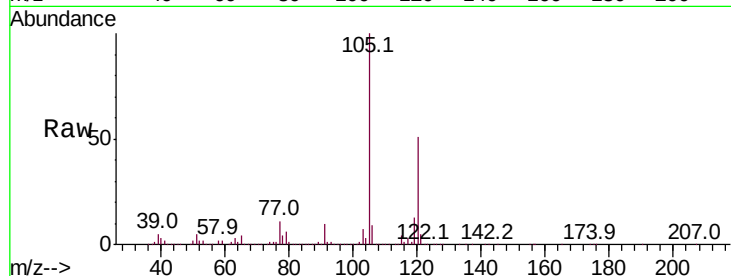
105 100

120 50.4 25.0 75.0

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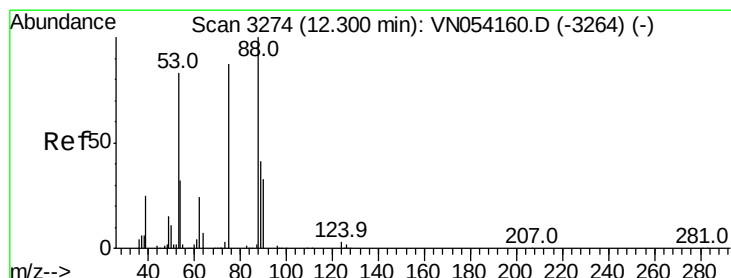
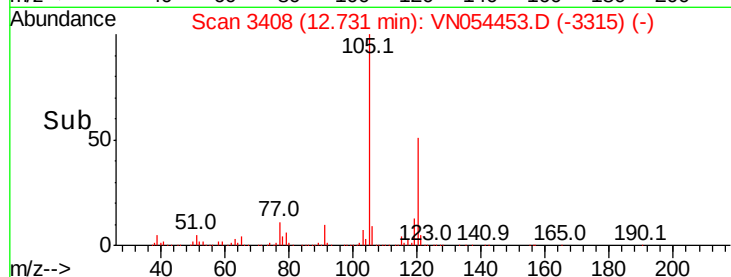
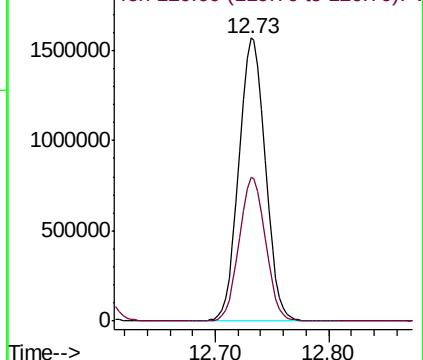
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 43.336 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN054453.D

Acq: 19 Mar 2019 21:07

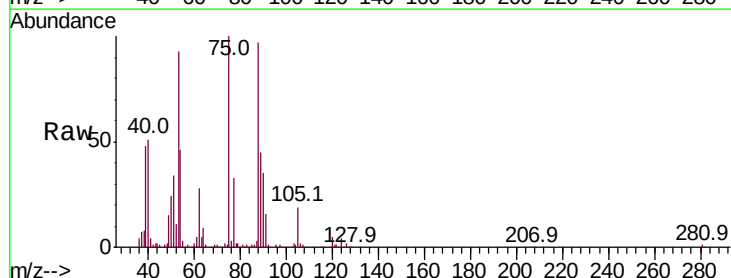
Tgt Ion: 75 Resp: 148230

Ion Ratio Lower Upper

75 100

53 94.3 76.2 114.2

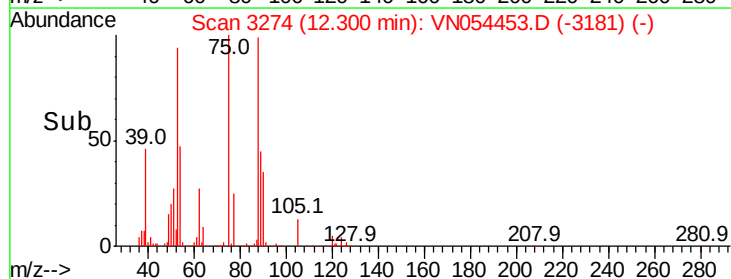
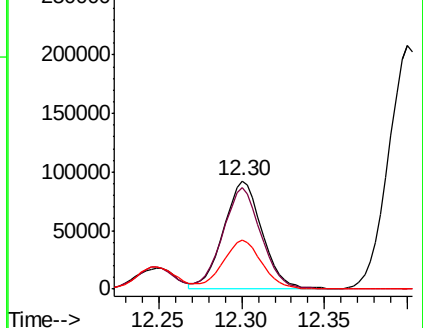
89 46.4 39.2 58.8

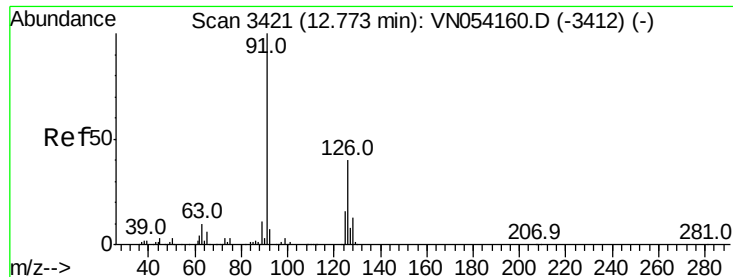


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO





#82

4-Chlorotoluene

Concen: 49.927 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN054453.D

Acq: 19 Mar 2019 21:07

Instrument :

MSVOA_N

ClientSampleId :

T11-MW-3-8.0-031519MS

Tot Ion: 91 Resp: 2069112

Ion Ratio Lower Upper

91 100

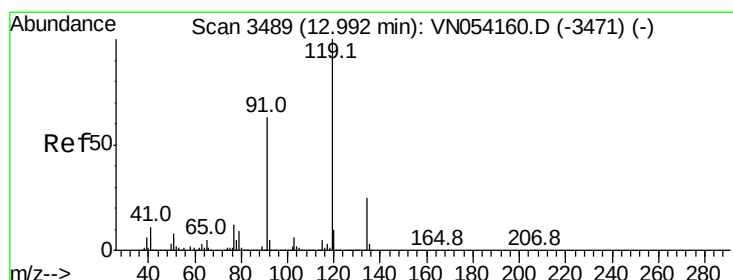
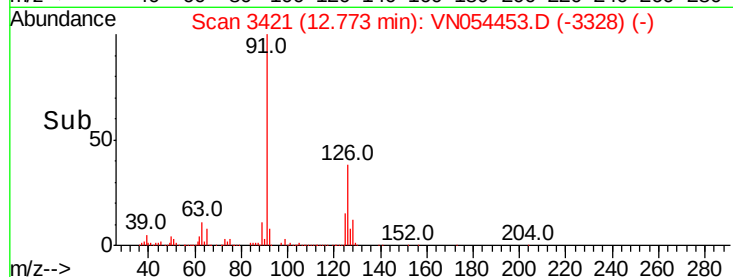
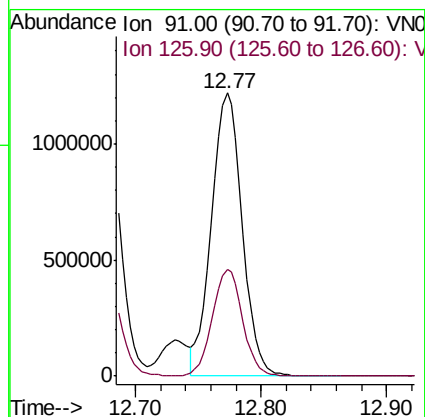
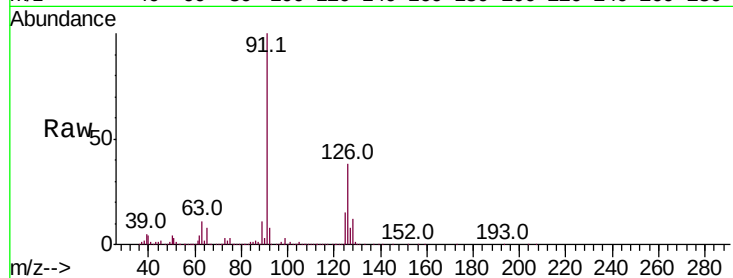
126 37.0 18.1 54.1

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#83

tert-Butylbenzene

Concen: 46.304 ug/l

RT: 12.99 min Scan# 3489

Delta R.T. -0.00 min

Lab File: VN054453.D

Acq: 19 Mar 2019 21:07

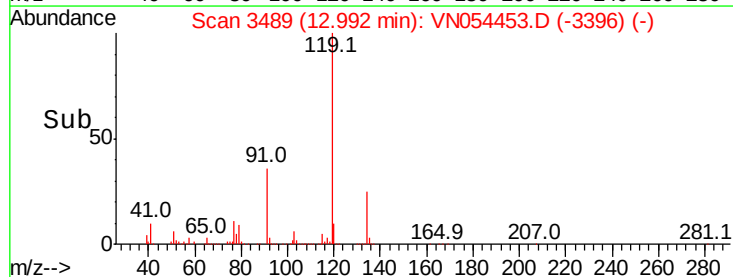
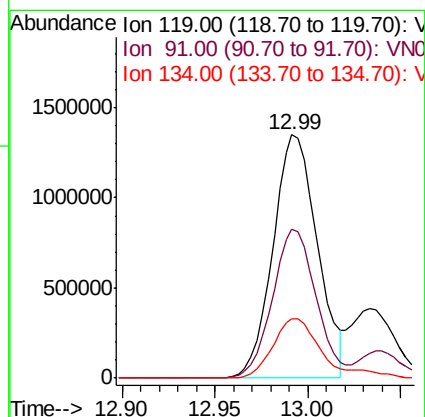
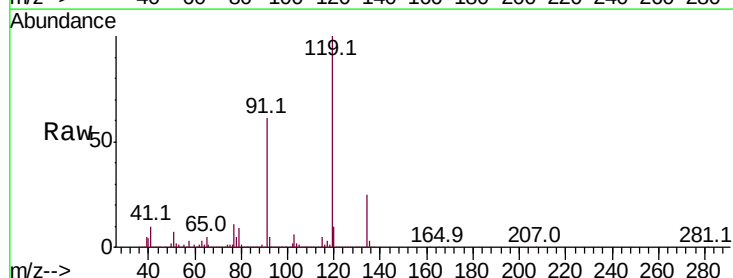
Tgt Ion: 119 Resp: 2255211

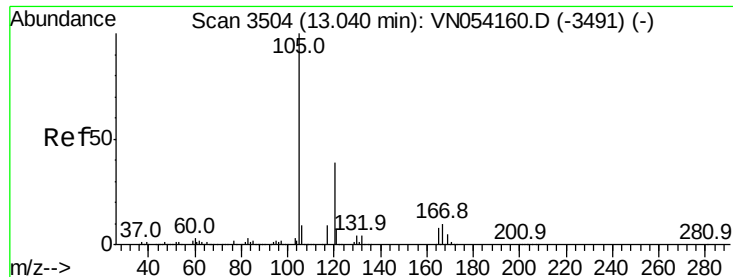
Ion Ratio Lower Upper

119 100

91 60.0 30.9 92.8

134 27.2 13.2 39.6





#84

1,2,4-Trimethylbenzene

Concen: 50.193 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN054453.D

Acq: 19 Mar 2019 21:07

Instrument :

MSVOA_N

ClientSampleId :

T11-MW-3-8.0-031519MS

Tot Ion:105 Resp: 2605609

Ion Ratio Lower Upper

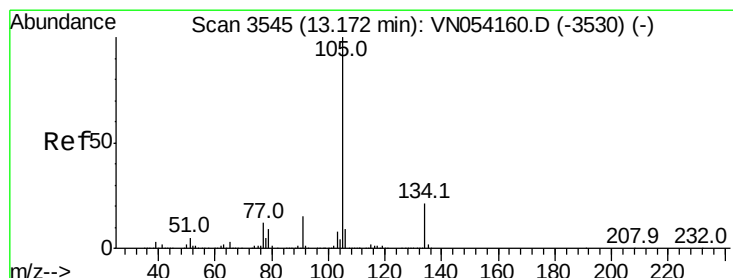
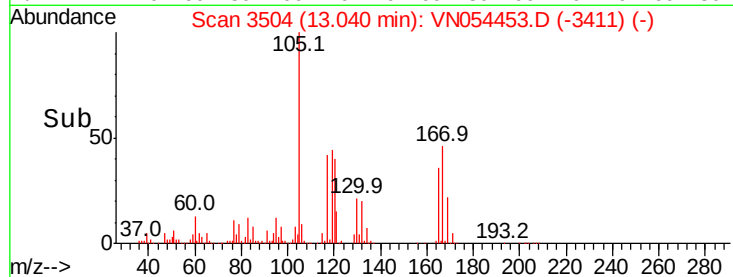
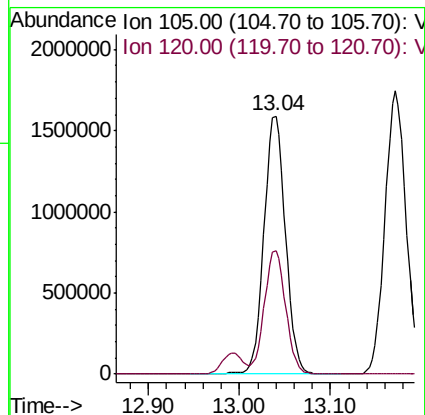
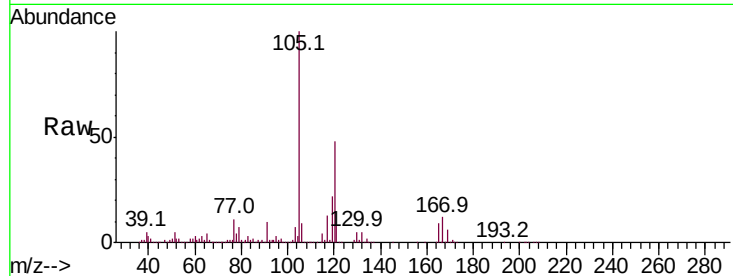
105 100

120 47.4 23.4 70.3

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#85

sec-Butylbenzene

Concen: 44.522 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN054453.D

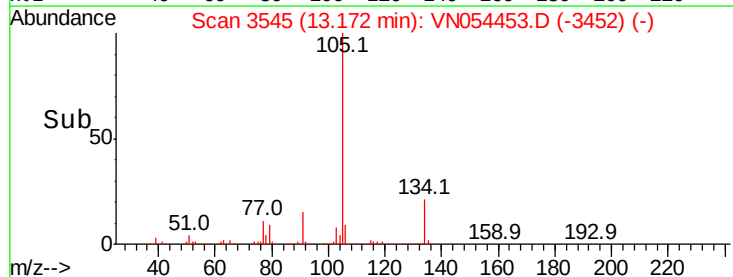
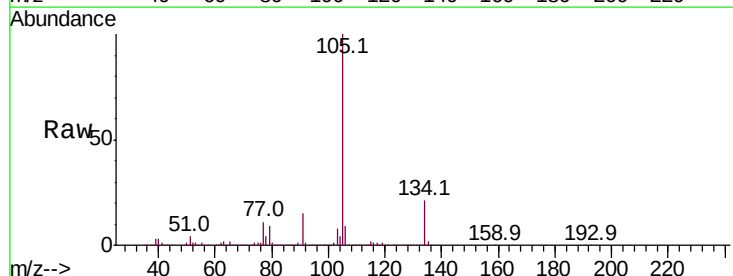
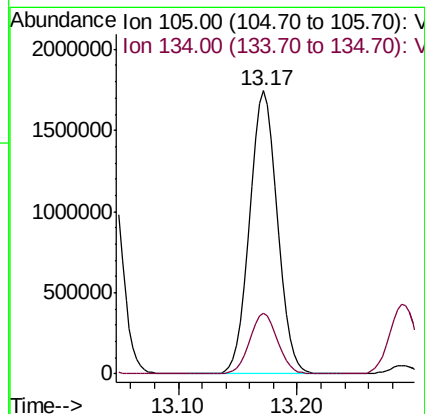
Acq: 19 Mar 2019 21:07

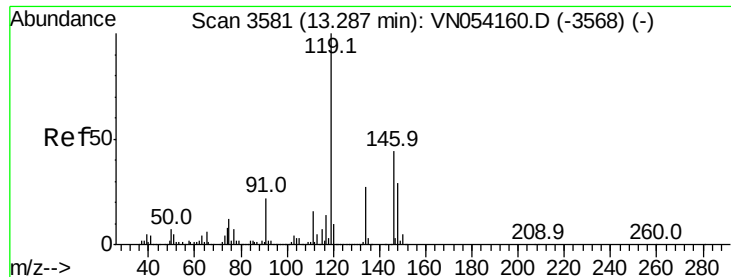
Tgt Ion:105 Resp: 2812140

Ion Ratio Lower Upper

105 100

134 21.4 10.7 32.1





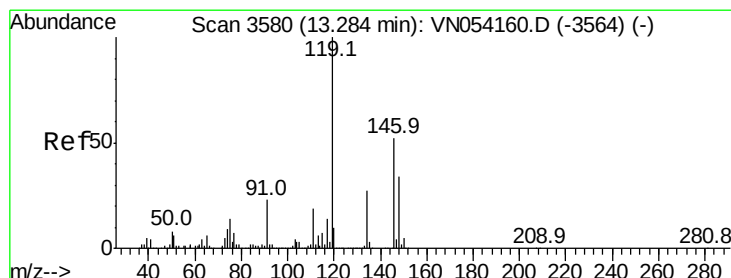
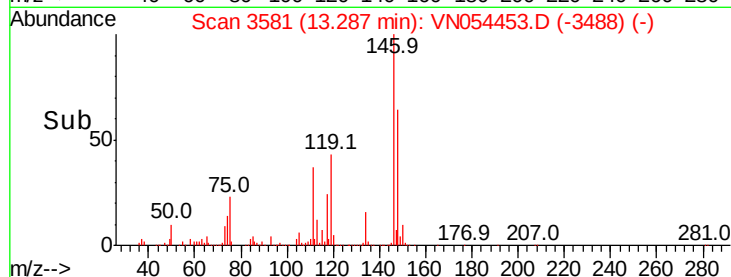
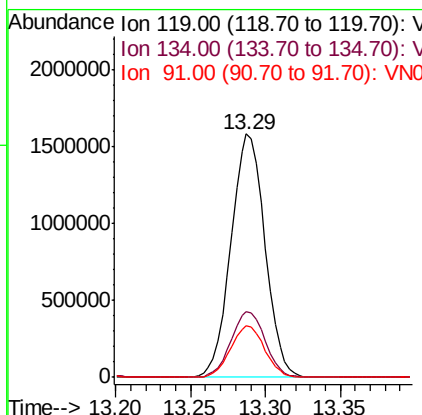
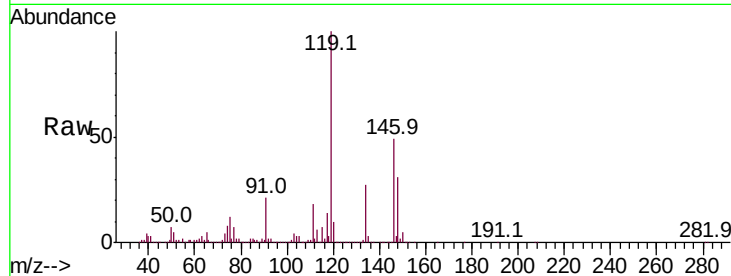
#86
 p-Isopropyltoluene
 Concen: 45.109 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN054453.D
 Acq: 19 Mar 2019 21:07

Instrument :
 MSVOA_N
 ClientSampleId :
 T11-MW-3-8.0-031519MS

Tot Ion:119 Resp: 2499620
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.6 40.8
 91 21.2 11.1 33.3

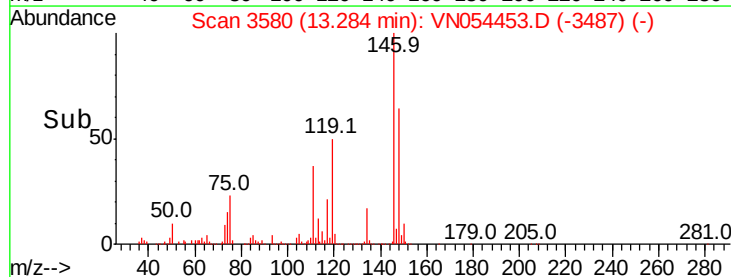
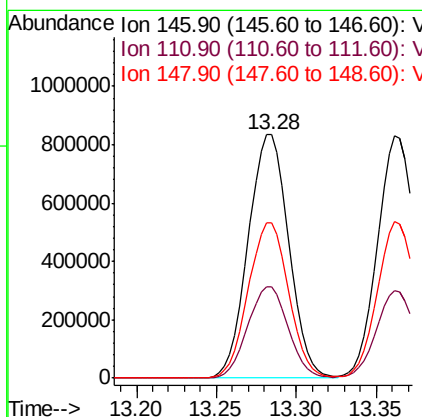
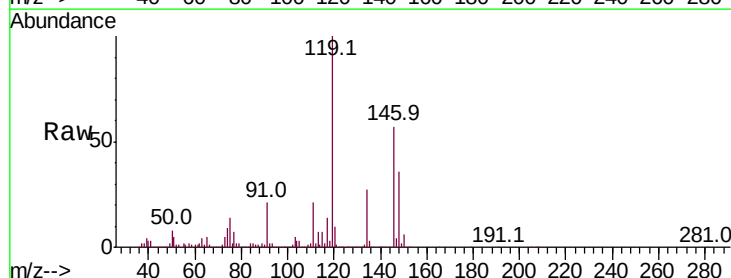
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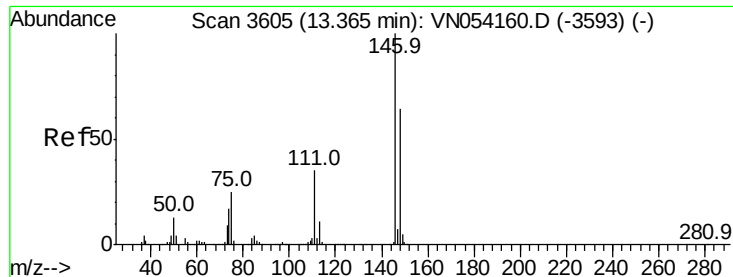
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#87
 1,3-Dichlorobenzene
 Concen: 51.131 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. -0.00 min
 Lab File: VN054453.D
 Acq: 19 Mar 2019 21:07

Tgt Ion:146 Resp: 1450322
 Ion Ratio Lower Upper
 146 100
 111 37.2 18.8 56.3
 148 63.7 32.2 96.6





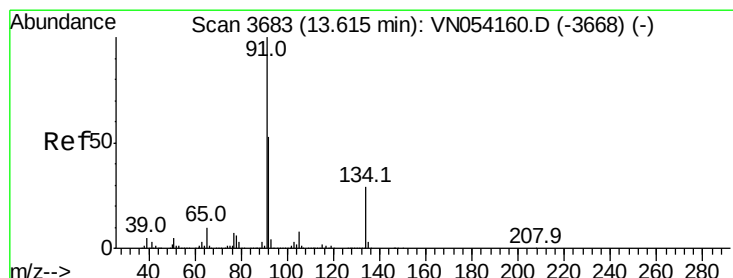
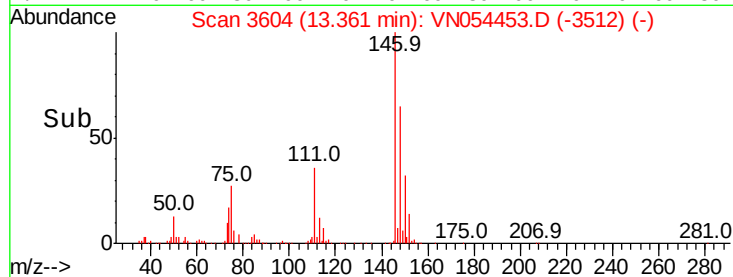
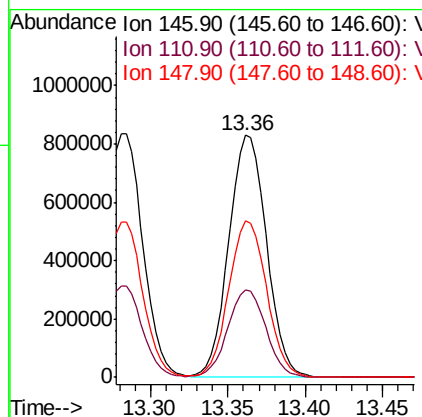
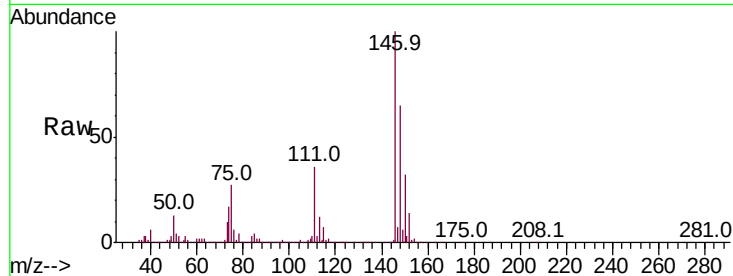
#88
 1,4-Dichlorobenzene
 Concen: 50.360 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. -0.00 min
 Lab File: VN054453.D
 Acq: 19 Mar 2019 21:07

Instrument :
 MSVOA_N
 ClientSampleId :
 T11-MW-3-8.0-031519MS

Tot Ion:146 Resp: 1403256
 Ion Ratio Lower Upper
 146 100
 111 36.4 18.1 54.1
 148 65.0 32.0 96.0

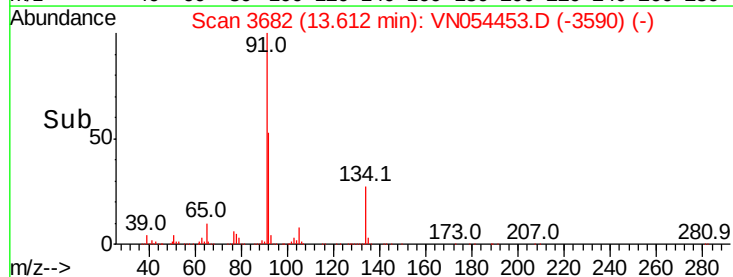
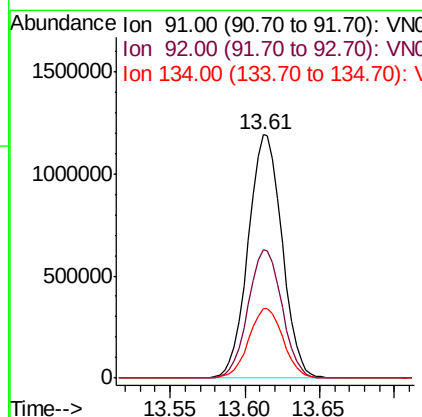
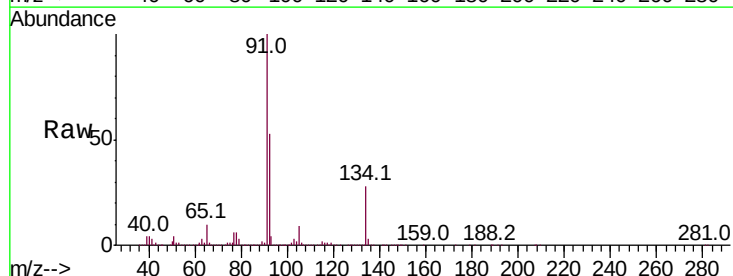
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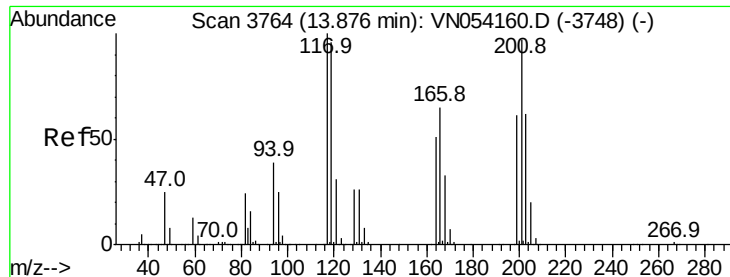
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#89
 n-Butylbenzene
 Concen: 44.473 ug/l
 RT: 13.61 min Scan# 3682
 Delta R.T. -0.00 min
 Lab File: VN054453.D
 Acq: 19 Mar 2019 21:07

Tgt Ion: 91 Resp: 1872475
 Ion Ratio Lower Upper
 91 100
 92 52.9 26.2 78.6
 134 28.9 14.3 42.9





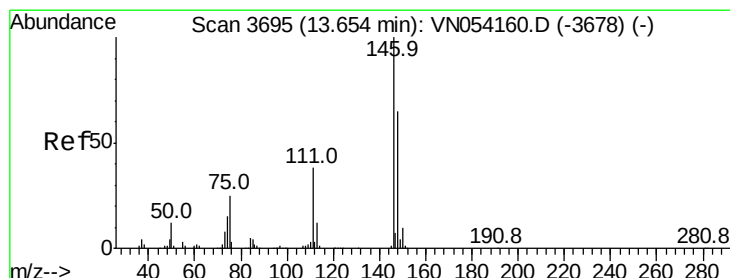
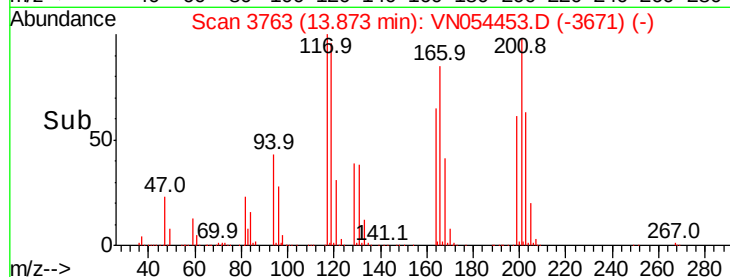
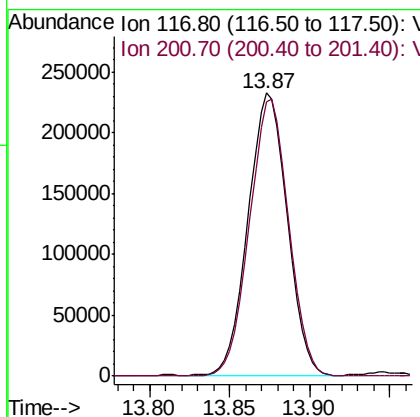
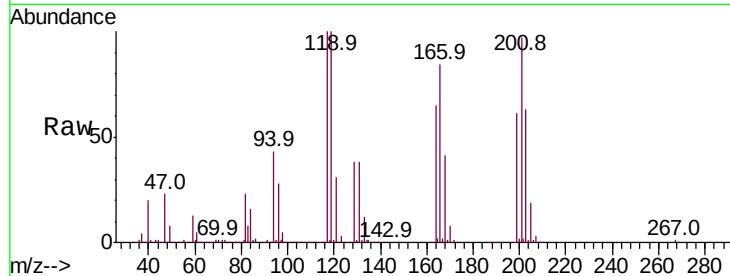
#90
Hexachloroethane
Concen: 42.304 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. -0.00 min
Lab File: VN054453.D
Acq: 19 Mar 2019 21:07

Instrument :
MSVOA_N
ClientSampleId :
T11-MW-3-8.0-031519MS

Tot Ion:117 Resp: 388157
Ion Ratio Lower Upper
117 100
201 98.4 48.1 144.4

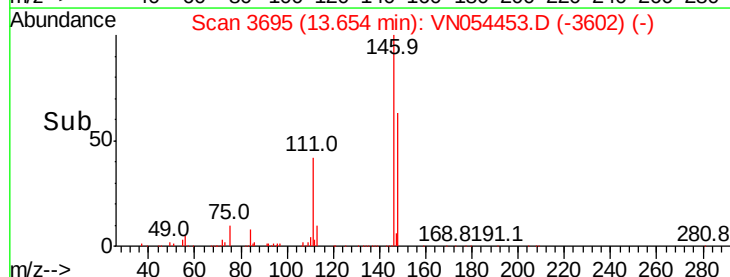
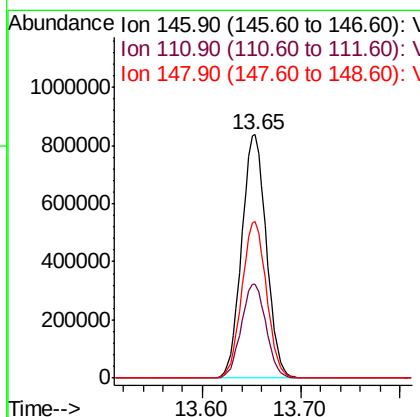
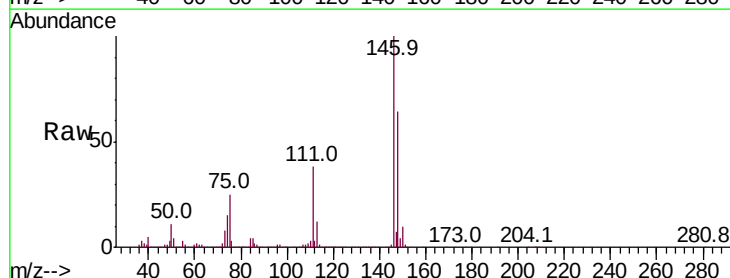
Manual Integrations
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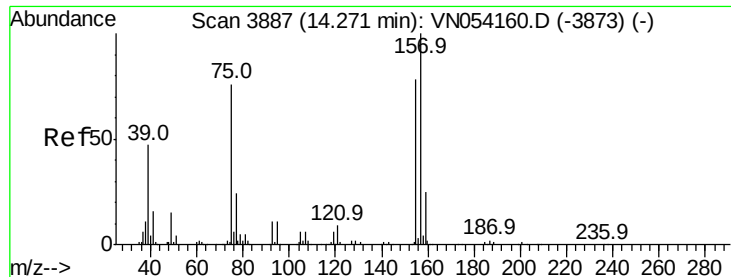
MMDadoda
3/20/2019 12:22:02 PM



#91
1,2-Dichlorobenzene
Concen: 51.901 ug/l
RT: 13.65 min Scan# 3695
Delta R.T. -0.00 min
Lab File: VN054453.D
Acq: 19 Mar 2019 21:07

Tgt Ion:146 Resp: 1439191
Ion Ratio Lower Upper
146 100
111 38.8 19.1 57.3
148 64.6 32.4 97.0





#92

1,2-Dibromo-3-Chloropropane

Concen: 51.171 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. -0.00 min

Lab File: VN054453.D

Acq: 19 Mar 2019 21:07

Instrument :

MSVOA_N

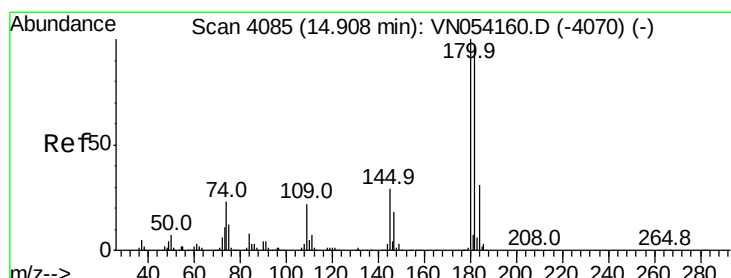
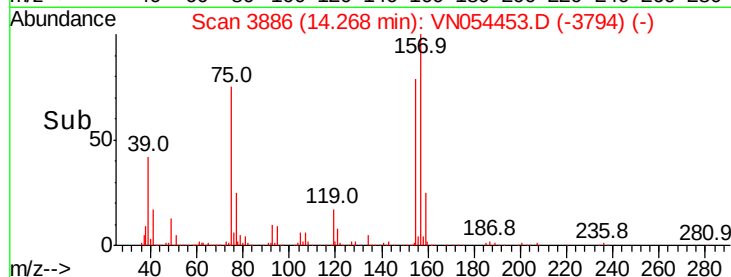
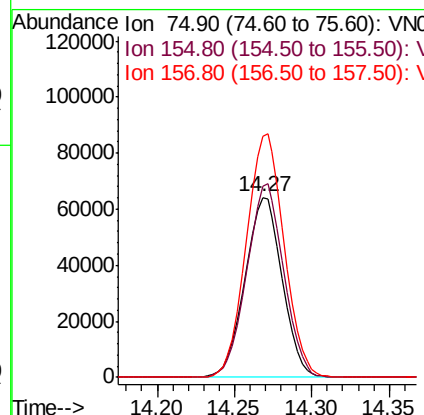
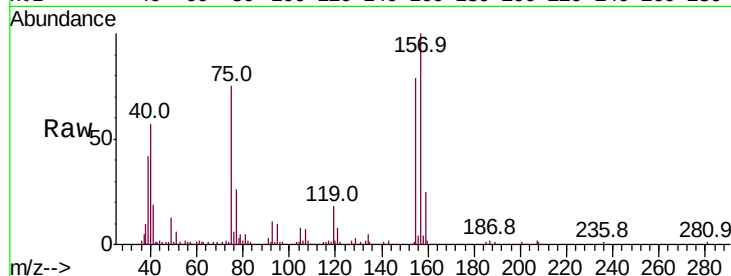
ClientSampleId :

T11-MW-3-8.0-031519MS

Tot Ion:	75	Resp:	107322
Ion Ratio	Lower	Upper	
75	100		
155	107.1	50.1	150.3
157	137.5	63.1	189.3

Manual Integrations
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#93

1,2,4-Trichlorobenzene

Concen: 44.928 ug/l

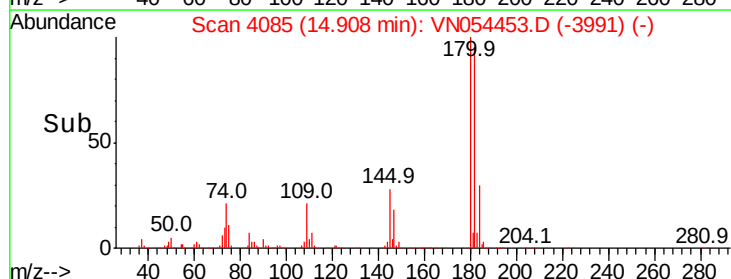
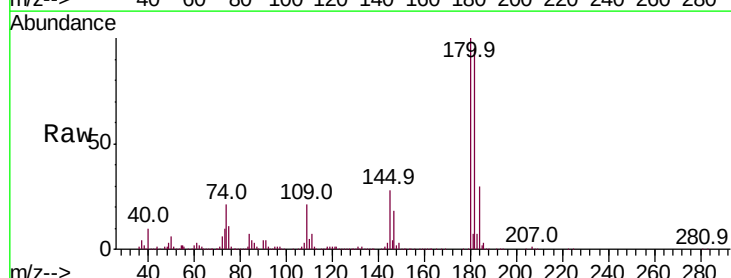
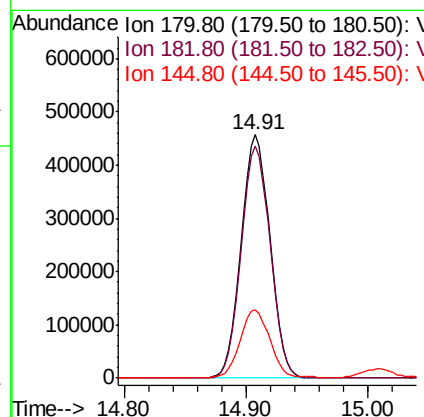
RT: 14.91 min Scan# 4085

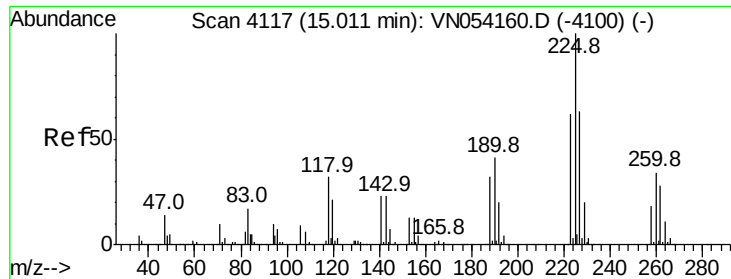
Delta R.T. 0.00 min

Lab File: VN054453.D

Acq: 19 Mar 2019 21:07

Tgt Ion:	180	Resp:	747636
Ion Ratio	Lower	Upper	
180	100		
182	95.7	48.0	144.2
145	28.6	14.2	42.8





#94

Hexachlorobutadiene

Concen: 38.289 ug/l

RT: 15.01 min Scan# 4116

Delta R.T. -0.00 min

Lab File: VN054453.D

Acq: 19 Mar 2019 21:07

Instrument :

MSVOA_N

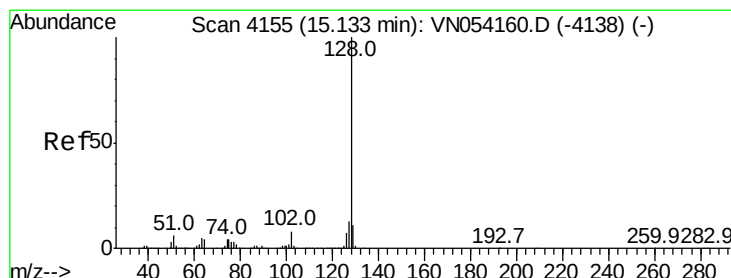
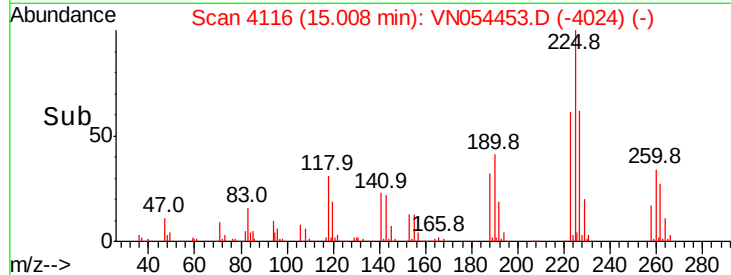
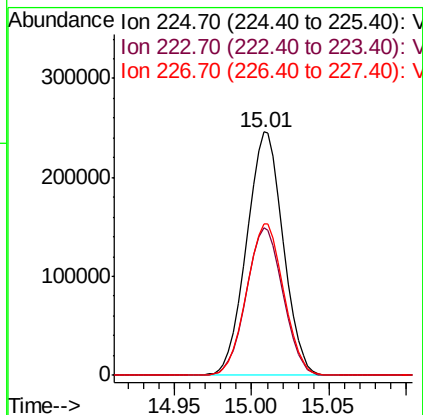
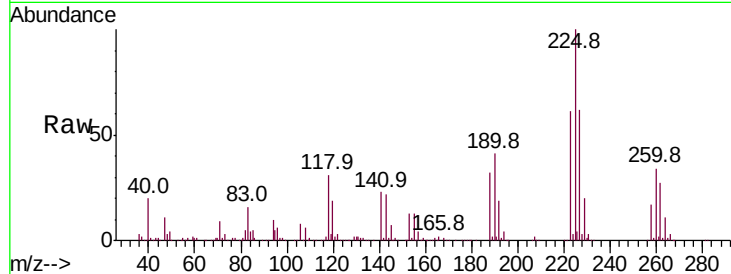
ClientSampleId :

T11-MW-3-8.0-031519MS

Tot Ion:	225	Resp:	404408
Ion Ratio	Lower	Upper	
225	100		
223	60.8	31.1	93.5
227	63.3	31.9	95.9

Manual Integrations
APPROVED

MMDadoda
3/20/2019 12:22:02 PM



#95

Naphthalene

Concen: 50.440 ug/l

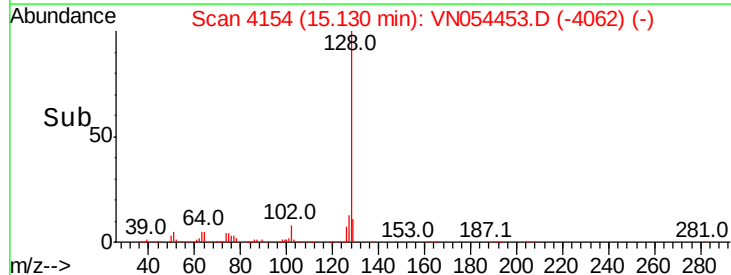
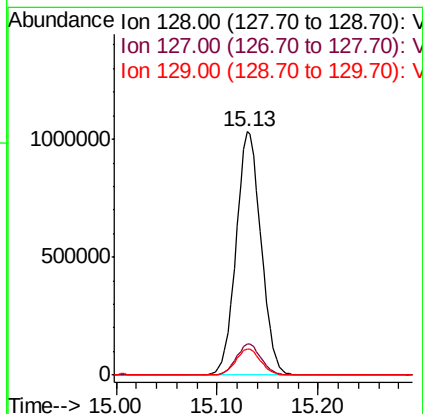
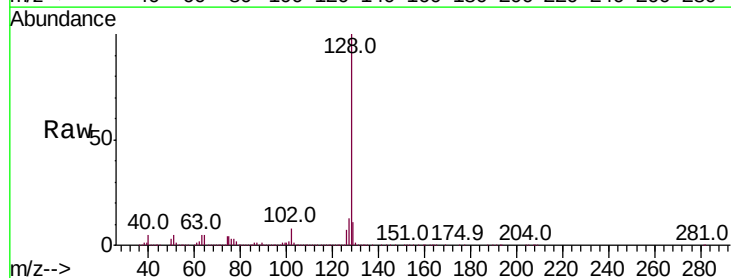
RT: 15.13 min Scan# 4154

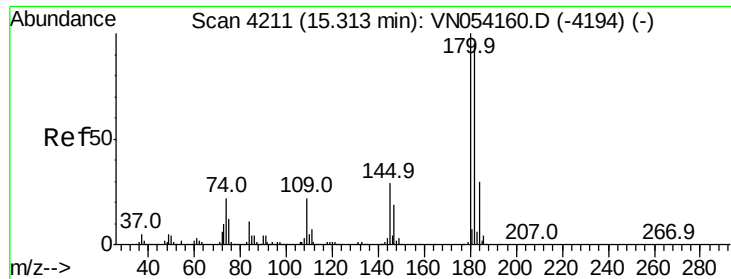
Delta R.T. -0.00 min

Lab File: VN054453.D

Acq: 19 Mar 2019 21:07

Tgt Ion:	128	Resp:	1760197
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.1	15.1
129	10.9	8.7	13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 50.433 ug/l
 RT: 15.31 min Scan# 4211
 Delta R.T. -0.00 min
 Lab File: VN054453.D
 Acq: 19 Mar 2019 21:07

Instrument :
 MSVOA_N
 ClientSampleId :
 T11-MW-3-8.0-031519MS

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.4	47.5	142.6	
145	30.5	14.8	44.3	

Manual Integrations
 APPROVED

MMDadoda
 3/20/2019 12:22:02 PM

