

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031919\
 Data File : VN054454.D
 Acq On : 19 Mar 2019 21:34
 Operator : JC/SP
 Sample : K1960-14MSD
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

MMDadoda
 3/20/2019 12:22:08 PM

Quant Time: Mar 20 05:10:04 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	1347219	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2022610	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1754898	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	792404	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	654045	45.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.42%	
35) Dibromofluoromethane	7.59	113	672116	51.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.04%	
50) Toluene-d8	10.09	98	2434315	50.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.06%	
62) 4-Bromofluorobenzene	12.40	95	829889	49.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	588784	46.113	ug/l	99
3) Chloromethane	2.06	50	567853	45.785	ug/l	100
4) Vinyl Chloride	2.19	62	606725	42.800	ug/l	100
5) Bromomethane	2.57	94	396698	40.405	ug/l	98
6) Chloroethane	2.71	64	352056	41.046	ug/l	100
7) Trichlorofluoromethane	3.02	101	753624	39.986	ug/l	100
8) Diethyl Ether	3.41	74	387903	45.164	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.75	101	615438	43.575	ug/l	98
10) Methyl Iodide	3.94	142	981100	48.947	ug/l	99
11) Tert butyl alcohol	4.82	59	228116	232.572	ug/l	97
12) 1,1-Dichloroethene	3.73	96	607303	43.391	ug/l	98
13) Acrolein	3.61	56	180395	194.092	ug/l	99
14) Allyl chloride	4.32	41	870535	48.477	ug/l	92
15) Acrylonitrile	4.99	53	1109589	275.400	ug/l	98
16) Acetone	3.82	43	677065	165.276	ug/l	98
17) Carbon Disulfide	4.04	76	1487186	42.387	ug/l	99
18) Methyl Acetate	4.33	43	683040	82.412	ug/l	97
19) Methyl tert-butyl Ether	5.05	73	1846064	53.213	ug/l	100
20) Methylene Chloride	4.54	84	711917	52.926	ug/l	96
21) trans-1,2-Dichloroethene	5.04	96	674406	50.291	ug/l	98
22) Diisopropyl ether	5.96	45	1893420	52.830	ug/l	94
23) Vinyl Acetate	5.90	43	5945371	224.990	ug/l	98
24) 1,1-Dichloroethane	5.85	63	1198343	52.074	ug/l	99
25) 2-Butanone	6.84	43	1187278	246.932	ug/l	97
26) 2,2-Dichloropropane	6.82	77	771793	38.138	ug/l	96
27) cis-1,2-Dichloroethene	6.83	96	796752	53.257	ug/l	95
28) Bromochloromethane	7.19	49	476087	50.606	ug/l	95
29) Tetrahydrofuran	7.22	42	779101	252.019	ug/l	95
30) Chloroform	7.37	83	1221638	50.874	ug/l	99
31) Cyclohexane	7.65	56	1012806	47.002	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	1038301	47.877	ug/l	99
36) 1,1-Dichloropropene	7.79	75	916402	49.199	ug/l	99
37) Ethyl Acetate	6.94	43	491088	45.885	ug/l	97
38) Carbon Tetrachloride	7.77	117	903712	46.265	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	1002950	43.763	ug/l	97
40) Benzene	8.04	78	2828409	53.064	ug/l	99
41) Methacrylonitrile	7.18	41	319158	52.228	ug/l	94
42) 1,2-Dichloroethane	8.12	62	833045	46.292	ug/l	95
43) Isopropyl Acetate	8.17	43	877863	46.730	ug/l	95
44) Trichloroethene	8.83	130	824129	49.772	ug/l	100
45) 1,2-Dichloropropane	9.12	63	725101	54.785	ug/l	98
46) Dibromomethane	9.21	93	446204	49.897	ug/l	99
47) Bromodichloromethane	9.40	83	902936	50.366	ug/l	99
48) Methyl methacrylate	9.20	41	476378	49.968	ug/l	89
49) 1,4-Dioxane	9.20	88	147360	1092.761	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	2644015	265.953	ug/l	94
52) Toluene	10.16	92	1782061	52.729	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	872266	42.836	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	1055865	50.541	ug/l	92
55) 1,1,2-Trichloroethane	10.56	97	662196	53.660	ug/l	98
56) Ethyl methacrylate	10.43	69	824392	56.026	ug/l #	91
57) 1,3-Dichloropropane	10.71	76	1075871	53.318	ug/l	100
59) 2-Hexanone	10.75	43	1655483	250.256	ug/l	92
60) Dibromochloromethane	10.90	129	713333	51.356	ug/l	99
61) 1,2-Dibromoethane	11.01	107	658372	52.499	ug/l	100
64) Tetrachloroethene	10.63	164	724871	42.722	ug/l	98
65) Chlorobenzene	11.43	112	2044172	53.050	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	745124	53.231	ug/l	99
67) Ethyl Benzene	11.51	91	3264750	51.112	ug/l	99
68) m/p-Xylenes	11.62	106	2583602	103.488	ug/l	97
69) o-Xylene	11.95	106	1289974	53.005	ug/l	96
70) Styrene	11.96	104	2036878	53.366	ug/l	99
71) Bromoform	12.13	173	472323	44.534	ug/l	99
73) Isopropylbenzene	12.25	105	3271155	51.598	ug/l	100
74) N-amyl acetate	12.07	43	765287	54.383	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.50	83	776011	57.452	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	610508m	52.392	ug/l	
77) Bromobenzene	12.53	156	898719	53.572	ug/l	97
78) n-propylbenzene	12.59	91	3440330	50.012	ug/l	99
79) 2-Chlorotoluene	12.67	91	2117917	51.205	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	2610927	49.512	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	150913	44.272	ug/l	98
82) 4-Chlorotoluene	12.77	91	2112817	51.157	ug/l	99
83) tert-Butylbenzene	12.99	119	2330999	48.024	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	2645319	51.133	ug/l	99
85) sec-Butylbenzene	13.17	105	2912693	46.272	ug/l	99
86) p-Isopropyltoluene	13.29	119	2576161	46.650	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	1464503	51.808	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	1436695	51.737	ug/l	99
89) n-Butylbenzene	13.62	91	1914730	45.633	ug/l	99
90) Hexachloroethane	13.87	117	407961	44.615	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	1459528	52.816	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	105789	50.613	ug/l	91
93) 1,2,4-Trichlorobenzene	14.91	180	762611	45.926	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	15.01	225	386362	36.706	ug/l	99
95) Naphthalene	15.13	128	1801006	51.694	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	752866	51.275	ug/l	98

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

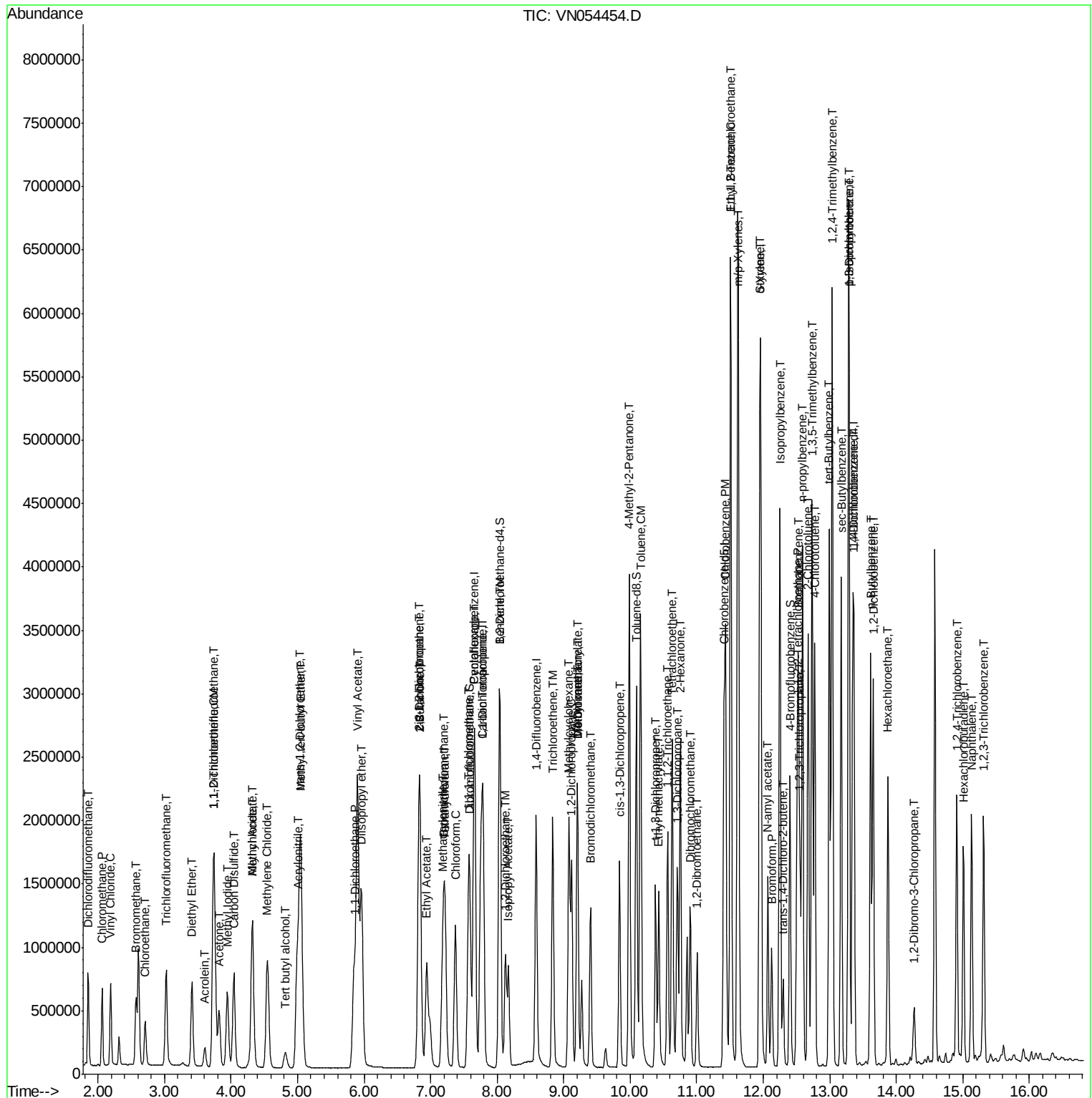
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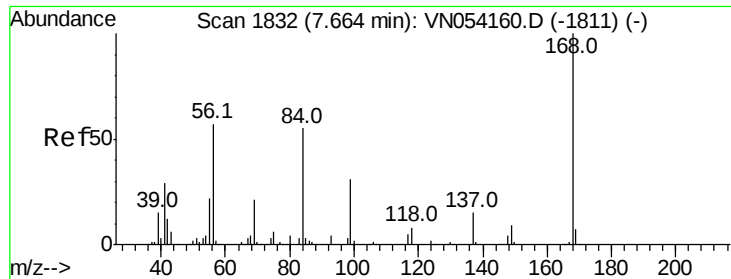
Instrument :
MSVOA_N
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN054454.D

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Instrument :

MSVOA_N

ClientSampleId :

T11-MW-3-8.0-031519MSD

Tot Ion:168 Resp: 1347219

Ion Ratio Lower Upper

168 100

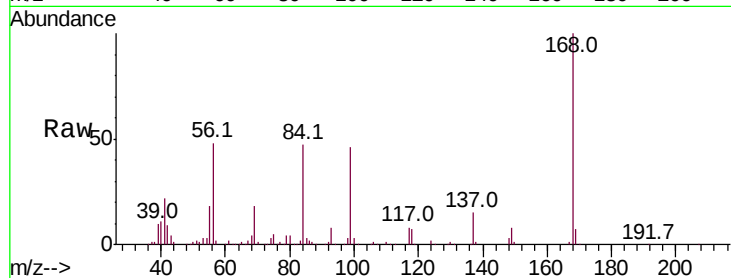
99 45.5 37.1 55.7

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

600000

500000

400000

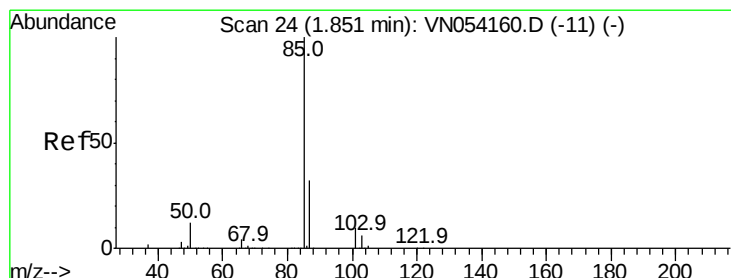
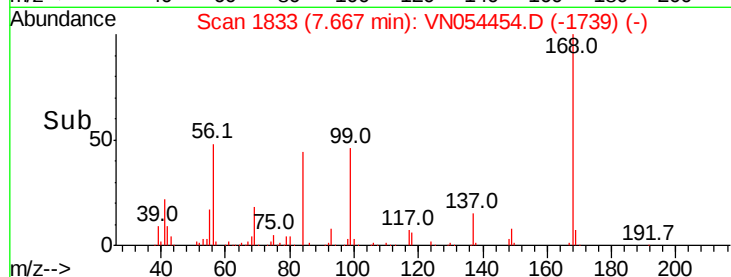
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 46.113 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN054454.D

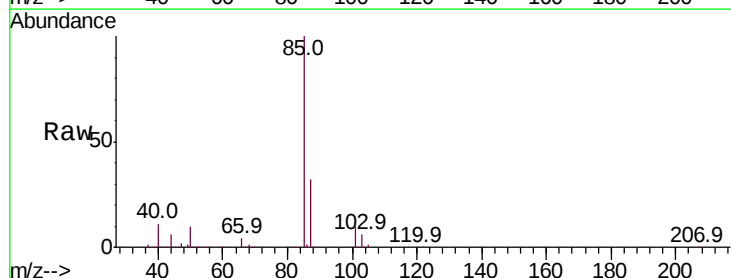
Acq: 19 Mar 2019 21:34

Tgt Ion: 85 Resp: 588784

Ion Ratio Lower Upper

85 100

87 32.4 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

500000

400000

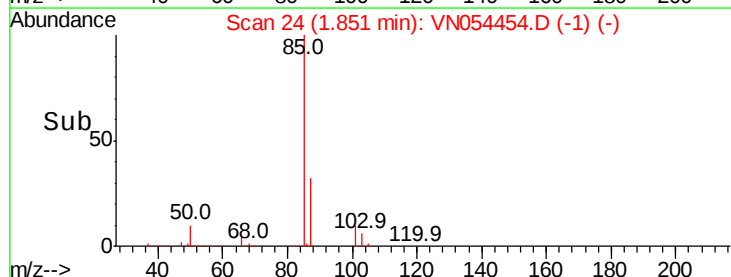
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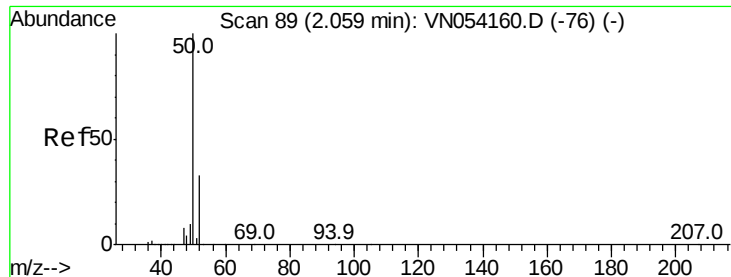
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Time-->





#3

Chloromethane

Concen: 45.785 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN054454.D

Acq: 19 Mar 2019 21:34

Instrument :

MSVOA_N

ClientSampleId :

T11-MW-3-8.0-031519MSD

Tot Ion: 50 Resp: 567853

Ion Ratio Lower Upper

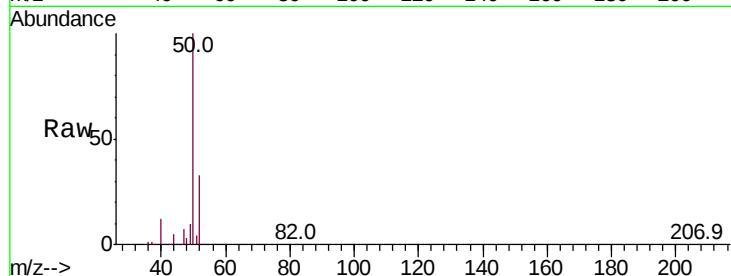
50 100

52 32.8 26.4 39.6

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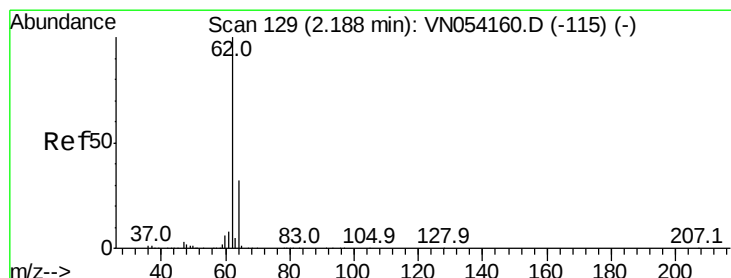
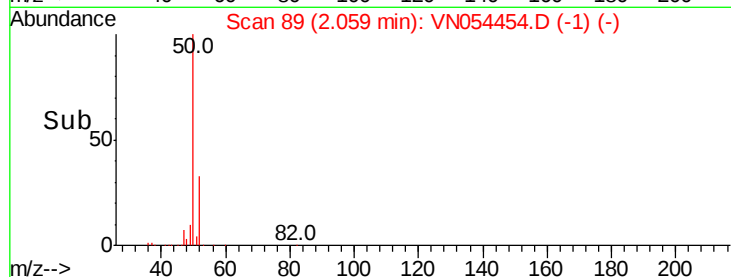
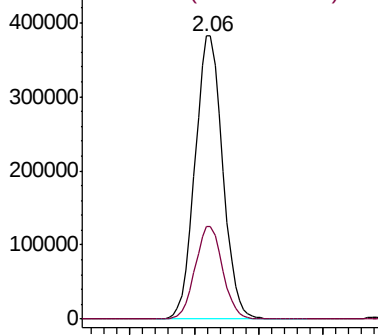
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Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 42.800 ug/l

RT: 2.19 min Scan# 129

Delta R.T. 0.00 min

Lab File: VN054454.D

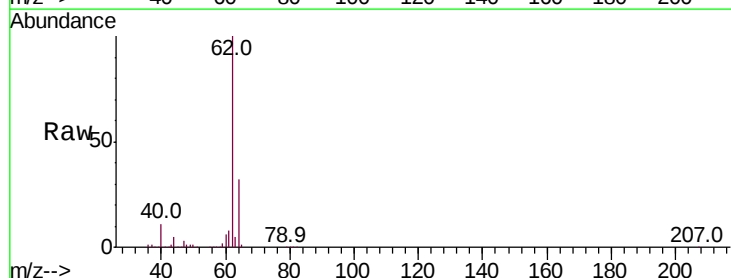
Acq: 19 Mar 2019 21:34

Tgt Ion: 62 Resp: 606725

Ion Ratio Lower Upper

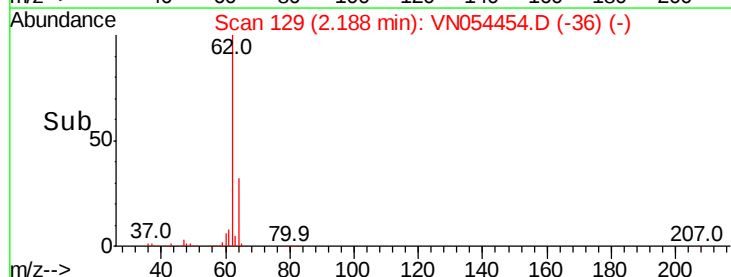
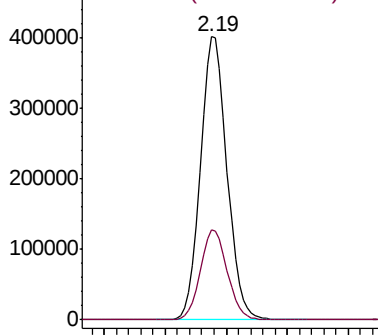
62 100

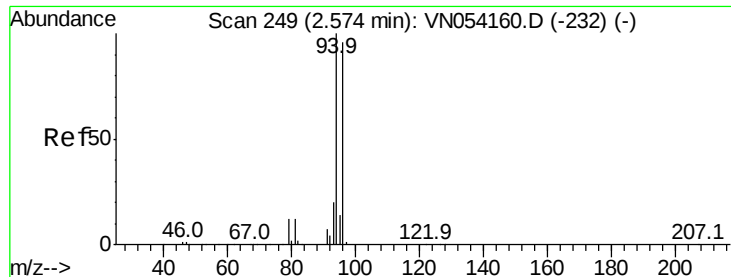
64 31.7 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 40.405 ug/l

RT: 2.57 min Scan# 248

Delta R.T. -0.00 min

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Tot Ion: 94 Resp: 396698

Ion Ratio Lower Upper

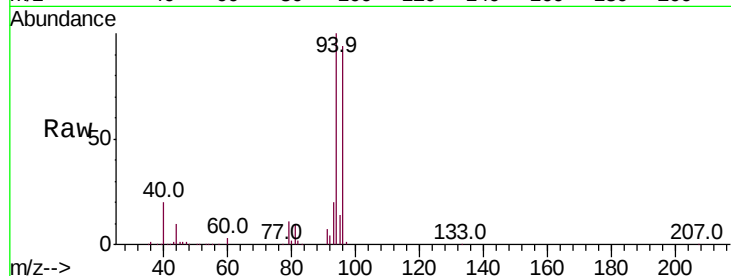
94 100

96 94.2 77.0 115.4

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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.57

200000

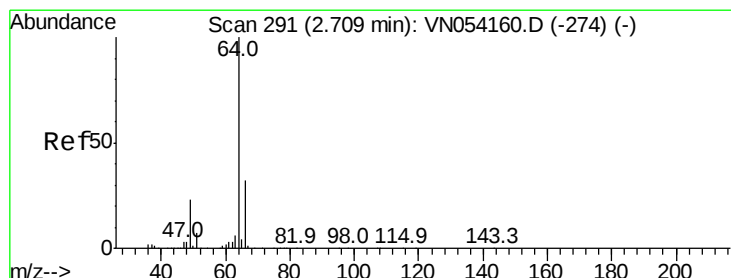
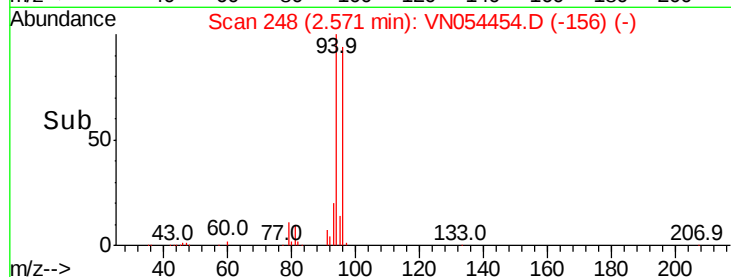
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100000

50000

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Time-->



#6

Chloroethane

Concen: 41.046 ug/l

RT: 2.71 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN054454.D

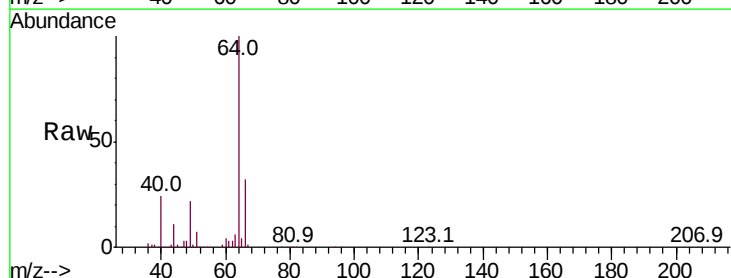
Acq: 19 Mar 2019 21:34

Tgt Ion: 64 Resp: 352056

Ion Ratio Lower Upper

64 100

66 32.1 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.71

200000

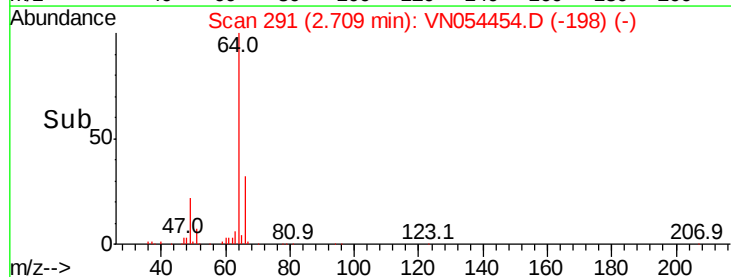
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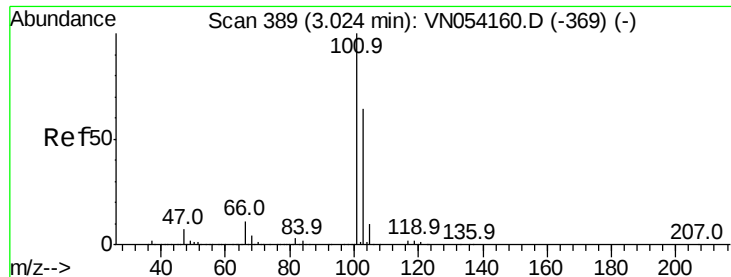
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50000

0

Time-->





#7

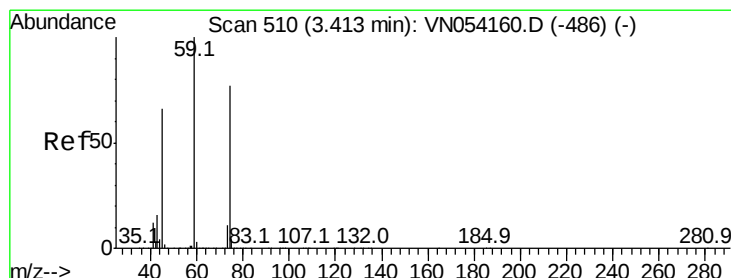
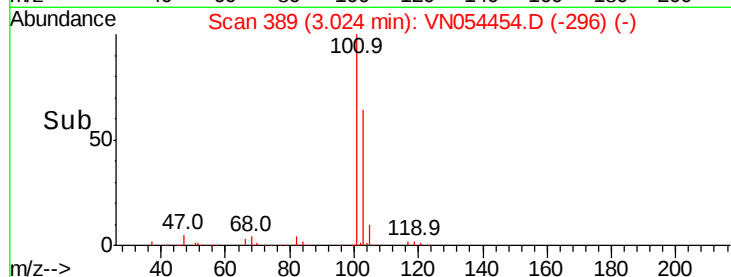
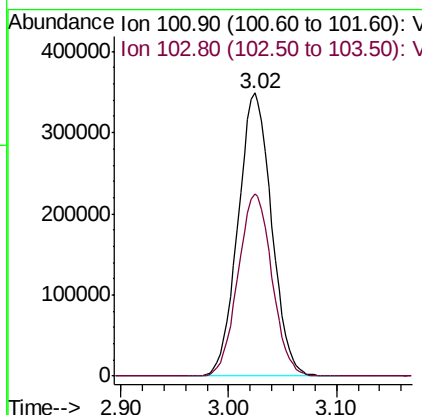
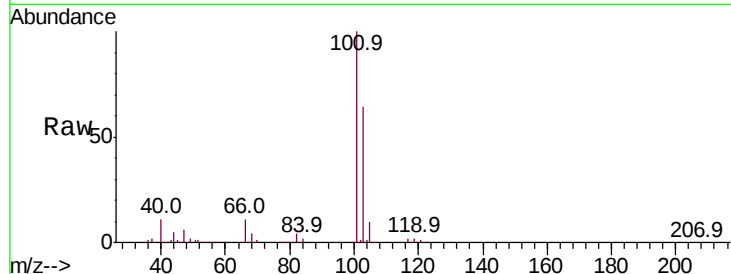
Trichlorofluoromethane
Concen: 39.986 ug/l
RT: 3.02 min Scan# 389
Delta R.T. 0.00 min
Lab File: VN054454.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.5	51.4	77.2

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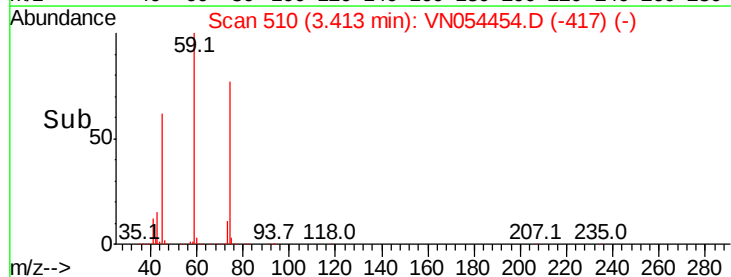
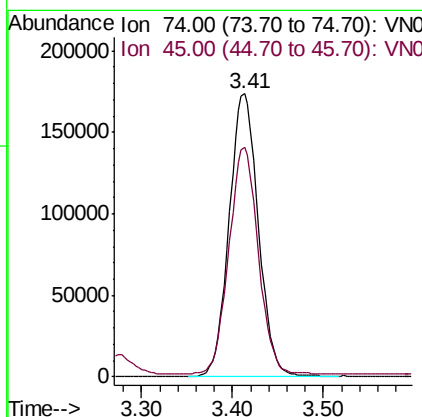
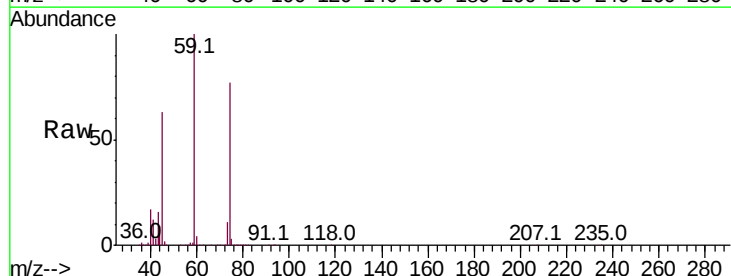
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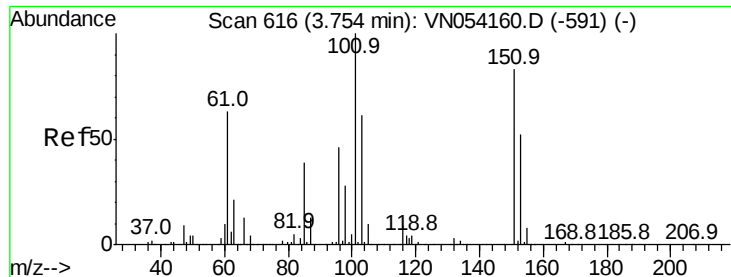


#8

Diethyl Ether
Concen: 45.164 ug/l
RT: 3.41 min Scan# 510
Delta R.T. 0.00 min
Lab File: VN054454.D
Acq: 19 Mar 2019 21:34

Tgt Ion	Ratio	Lower	Upper
74	100		
45	80.4	43.1	129.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 43.575 ug/l

RT: 3.75 min Scan# 615

Delta R.T. -0.00 min

Lab File: VN054454.D

Acq: 19 Mar 2019 21:34

Instrument :

MSVOA_N

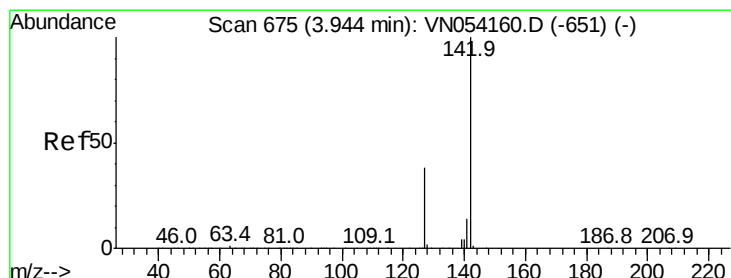
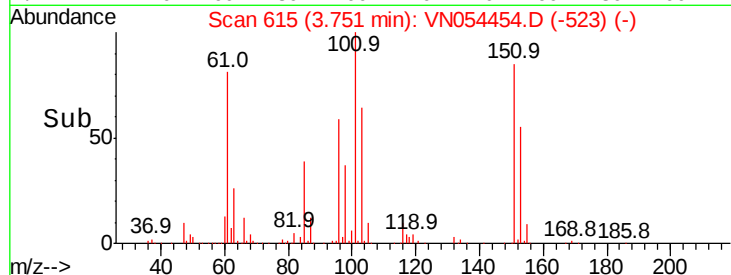
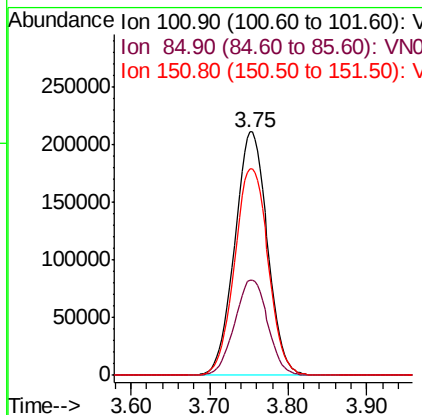
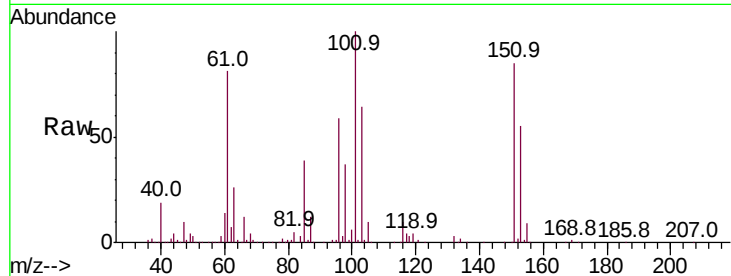
ClientSampleId :

T11-MW-3-8.0-031519MSD

Tot Ion:	101	Resp:	615438
Ion Ratio	Lower	Upper	
101	100		
85	39.7	32.4	48.6
151	87.3	68.2	102.2

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#10

Methyl Iodide

Concen: 48.947 ug/l

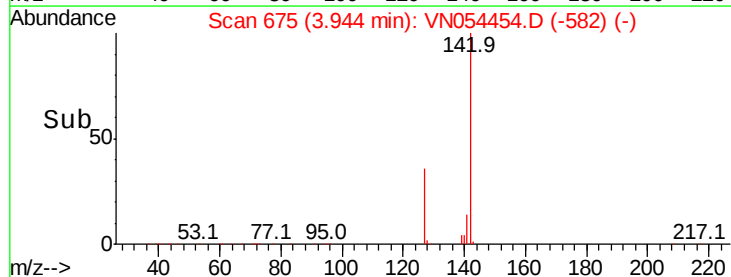
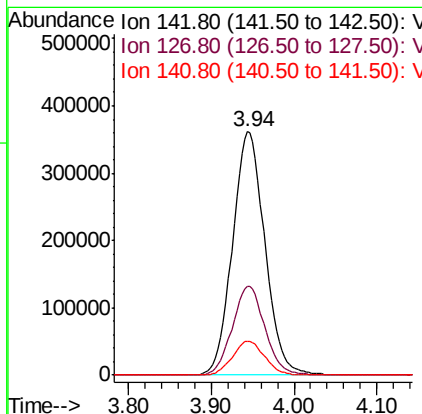
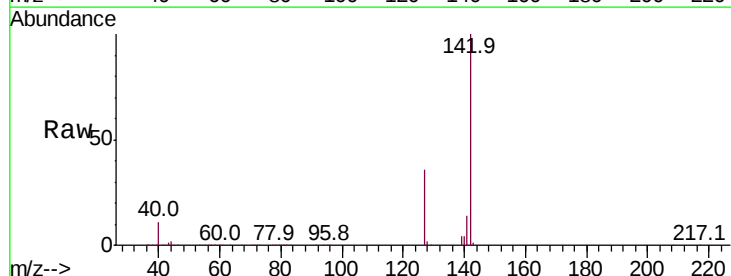
RT: 3.94 min Scan# 675

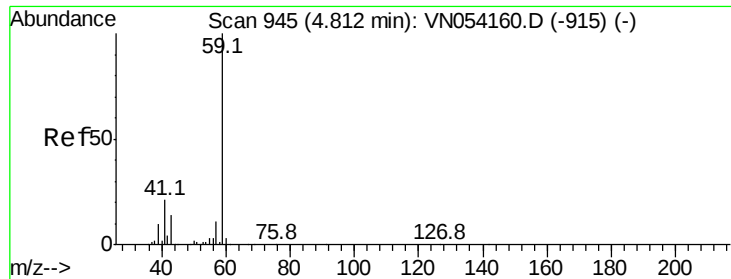
Delta R.T. 0.00 min

Lab File: VN054454.D

Acq: 19 Mar 2019 21:34

Tgt Ion:	142	Resp:	981100
Ion Ratio	Lower	Upper	
142	100		
127	36.8	30.3	45.5
141	14.1	11.2	16.8





#11

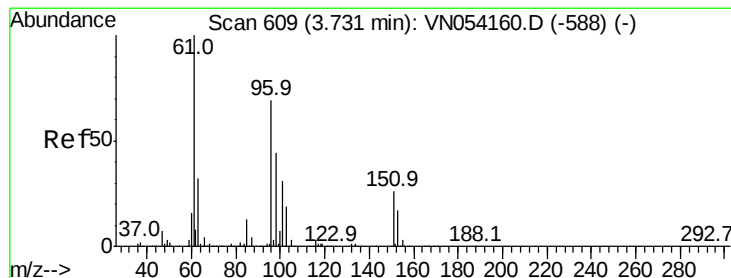
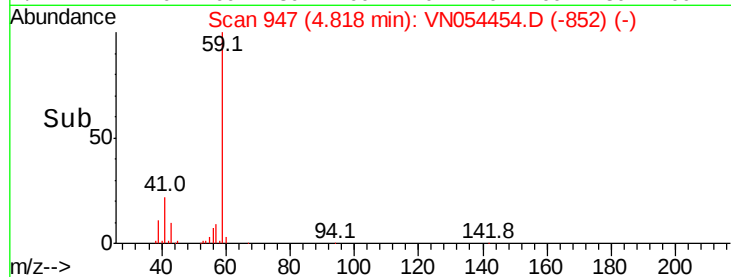
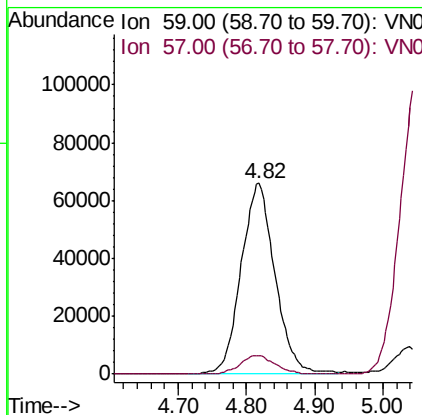
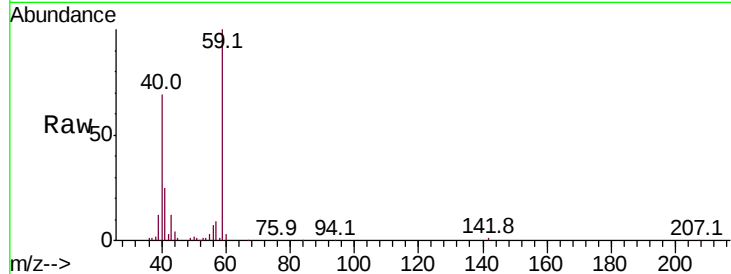
Tert butyl alcohol
 Concen: 232.572 ug/l
 RT: 4.82 min Scan# 947
 Delta R.T. 0.01 min
 Lab File: VN054454.D
 Acq: 19 Mar 2019 21:34

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

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.0	9.0	13.6

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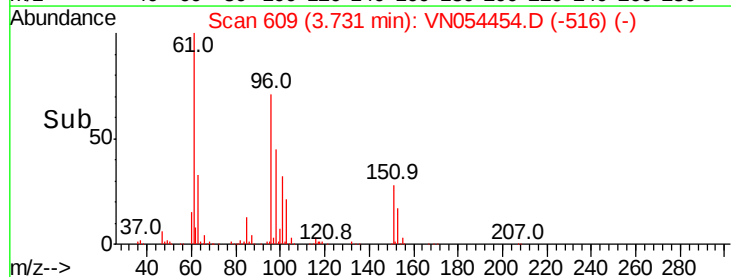
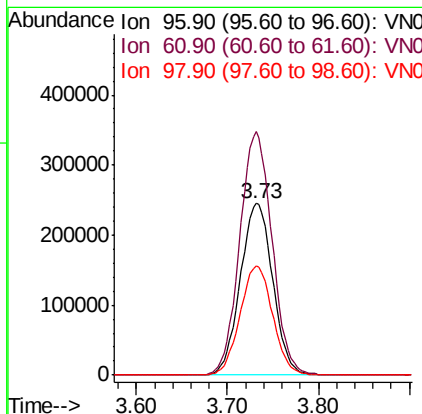
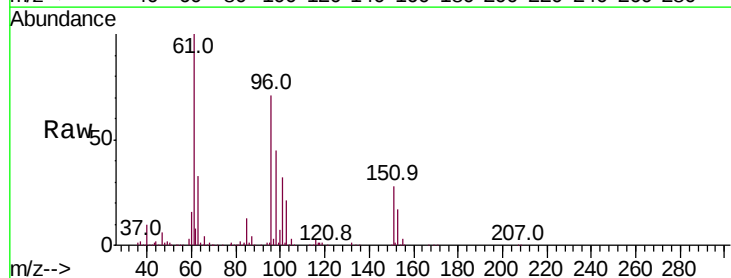
MMDadoda
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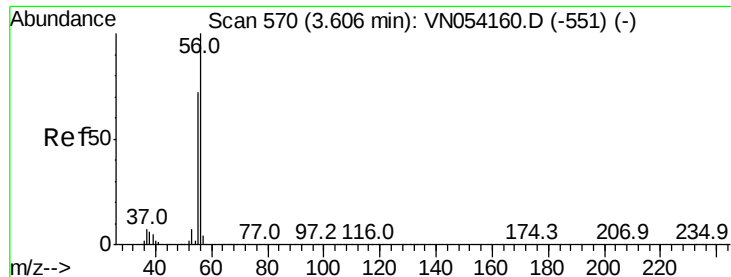


#12

1,1-Dichloroethene
 Concen: 43.391 ug/l
 RT: 3.73 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: VN054454.D
 Acq: 19 Mar 2019 21:34

Tgt Ion	Ratio	Lower	Upper
96	100		
61	141.7	116.5	174.7
98	63.5	51.0	76.4





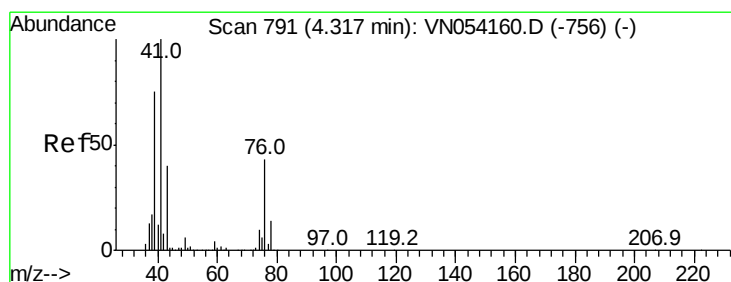
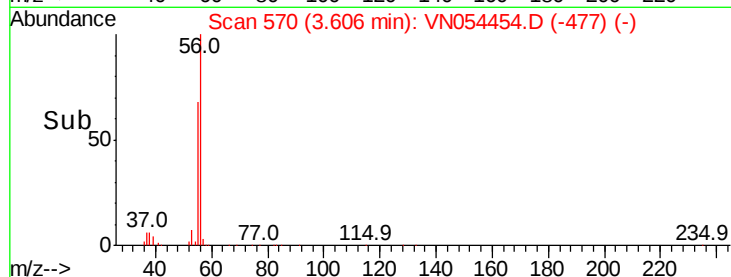
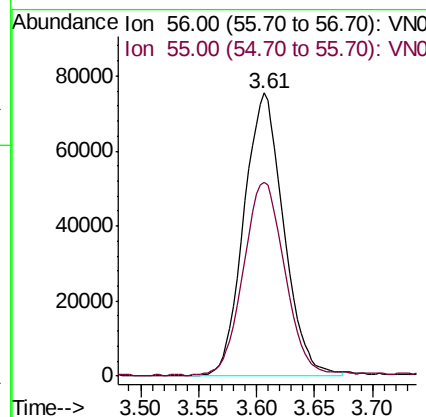
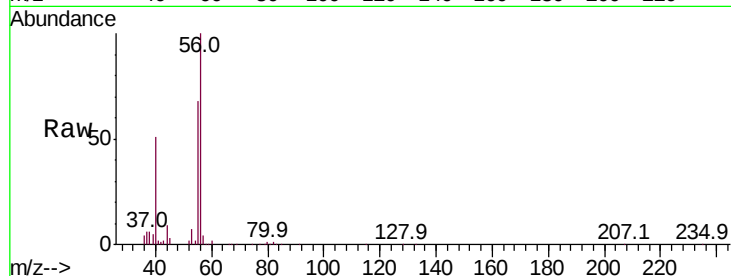
#13
Acrolein
Concen: 194.092 ug/l
RT: 3.61 min Scan# 570
Delta R.T. 0.00 min
Lab File: VN054454.D
Acq: 19 Mar 2019 21:34

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

Tot Ion	Ratio	Lower	Upper
56	100		
55	70.4	56.7	85.1

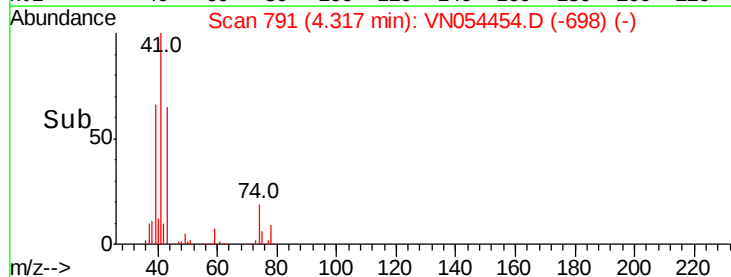
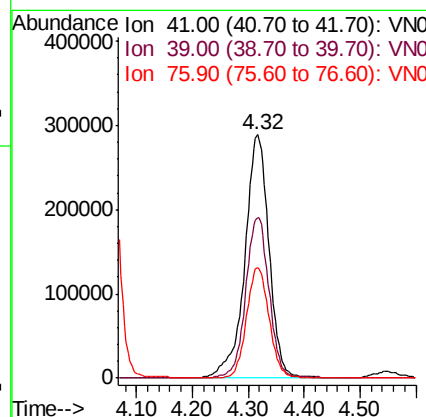
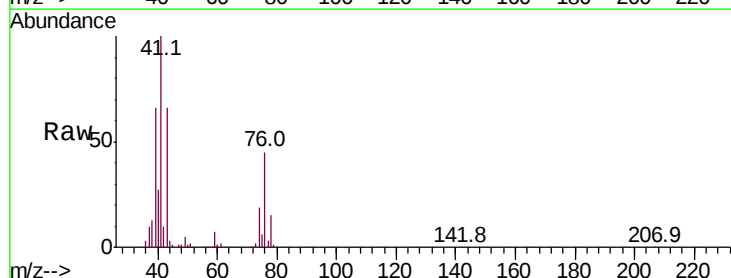
Manual Integrations
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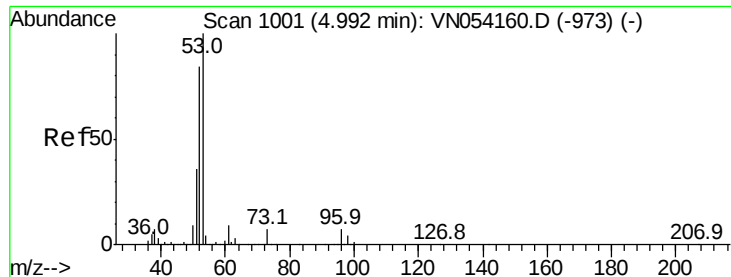
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#14
Allyl chloride
Concen: 48.477 ug/l
RT: 4.32 min Scan# 791
Delta R.T. 0.00 min
Lab File: VN054454.D
Acq: 19 Mar 2019 21:34

Tgt Ion	Ratio	Lower	Upper
41	100		
39	63.4	58.2	87.4
76	41.7	31.7	47.5





#15
 Acrylonitrile
 Concen: 275.400 ug/l
 RT: 4.99 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VN054454.D
 Acq: 19 Mar 2019 21:34

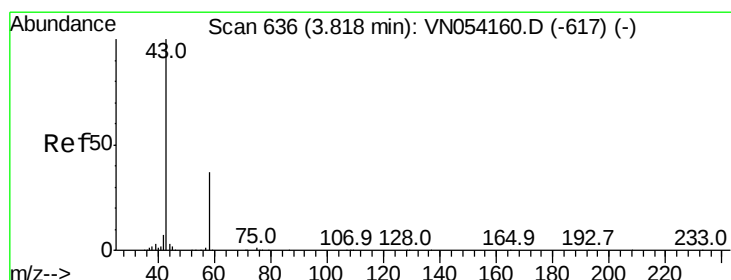
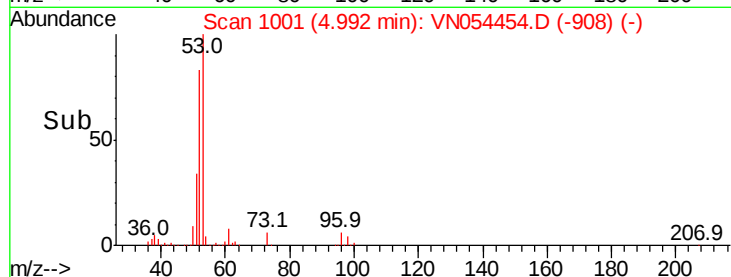
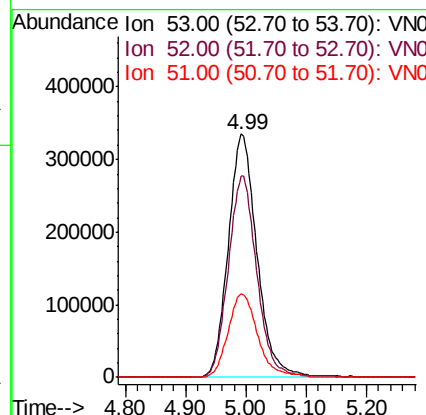
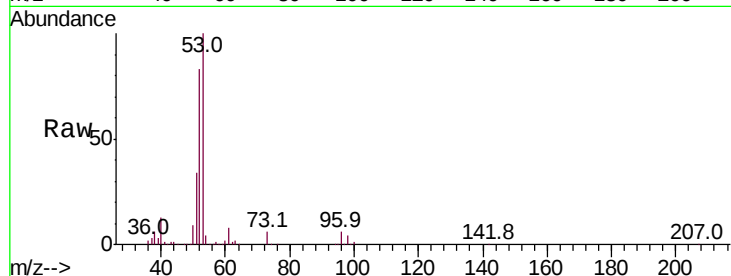
Instrument :
 MSVOA_N
 ClientSampleId :
 T11-MW-3-8.0-031519MSD

Tot Ion: 53 Resp: 1109589

Ion	Ratio	Lower	Upper
53	100		
52	81.9	66.4	99.6
51	35.6	29.6	44.4

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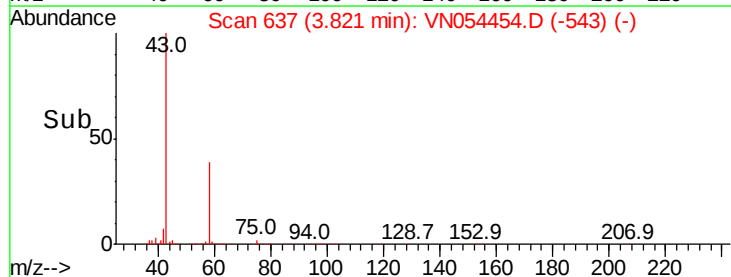
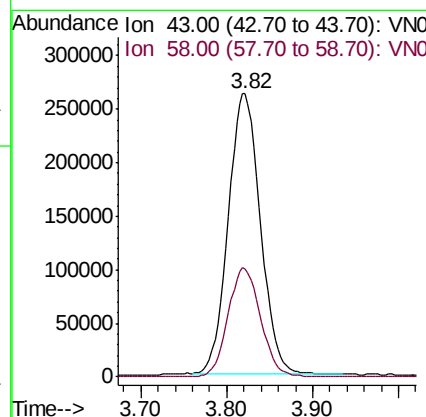
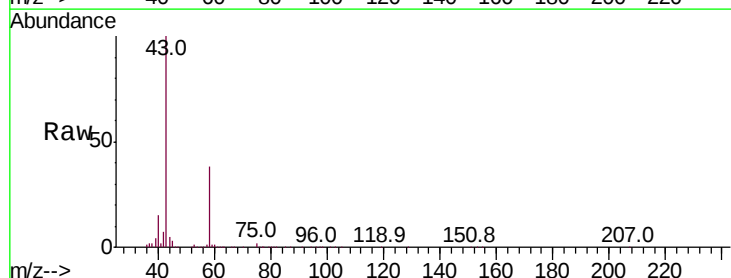
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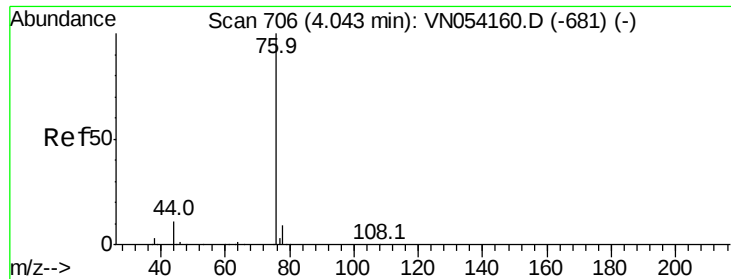


#16
 Acetone
 Concen: 165.276 ug/l
 RT: 3.82 min Scan# 637
 Delta R.T. 0.00 min
 Lab File: VN054454.D
 Acq: 19 Mar 2019 21:34

Tgt Ion: 43 Resp: 677065

Ion	Ratio	Lower	Upper
43	100		
58	38.6	29.9	44.9





#17

Carbon Disulfide

Concen: 42.387 ug/l

RT: 4.04 min Scan# 706

Delta R.T. 0.00 min

Lab File: VN054454.D

Acq: 19 Mar 2019 21:34

Instrument :

MSVOA_N

ClientSampleId :

T11-MW-3-8.0-031519MSD

Tot Ion: 76 Resp: 1487186

Ion Ratio Lower Upper

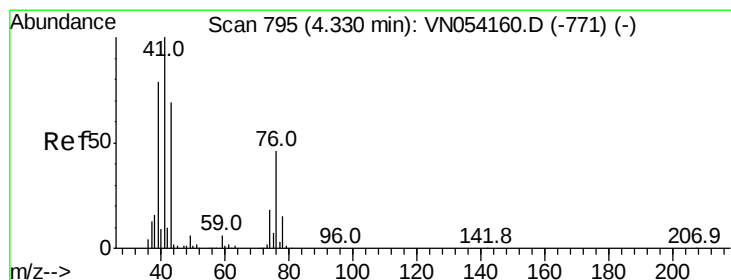
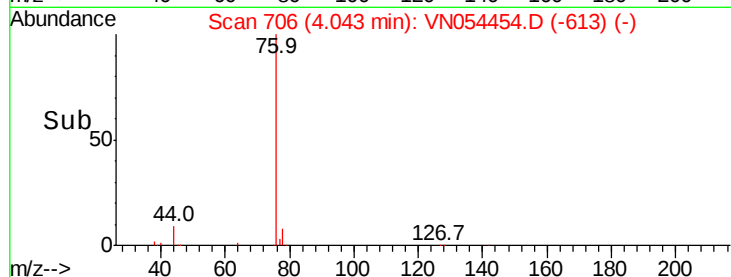
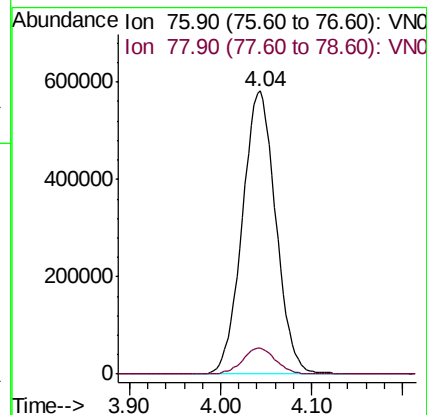
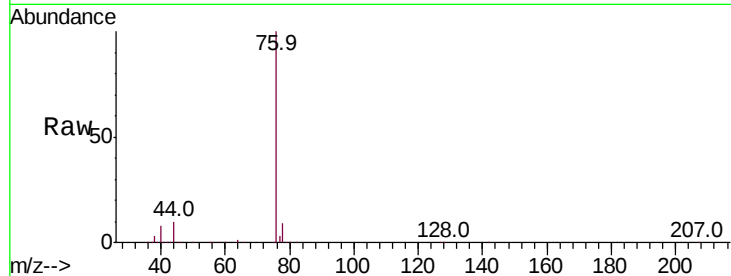
76 100

78 9.1 7.5 11.3

Manual Integrations
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#18

Methyl Acetate

Concen: 82.412 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.00 min

Lab File: VN054454.D

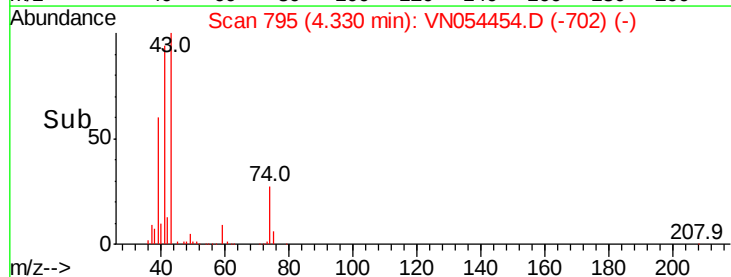
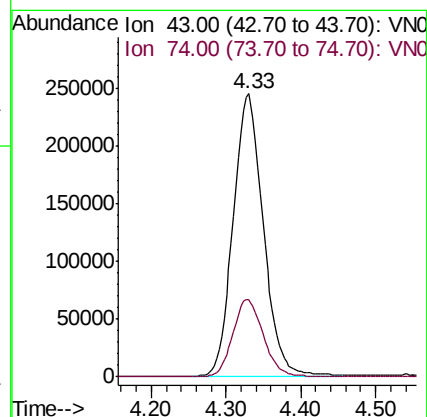
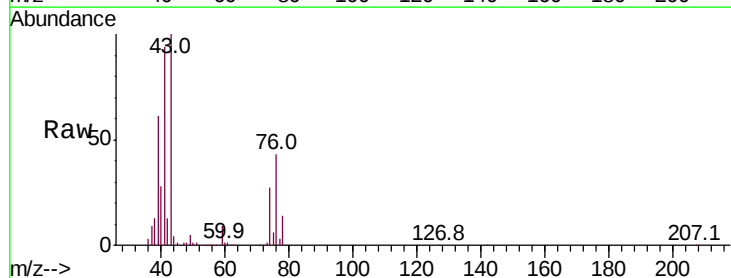
Acq: 19 Mar 2019 21:34

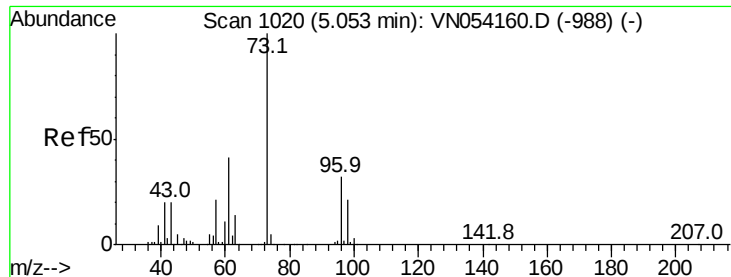
Tgt Ion: 43 Resp: 683040

Ion Ratio Lower Upper

43 100

74 27.8 20.8 31.2





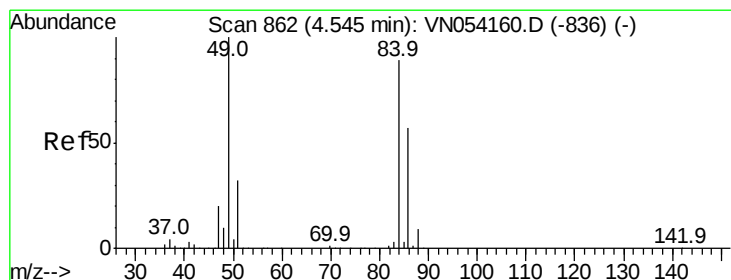
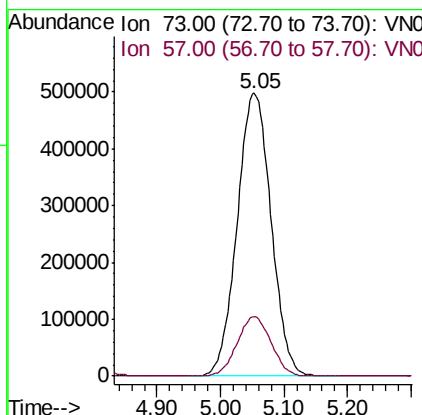
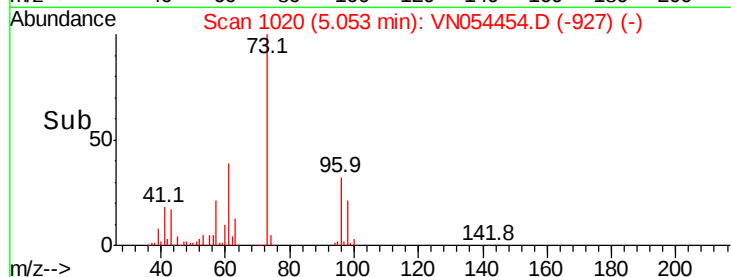
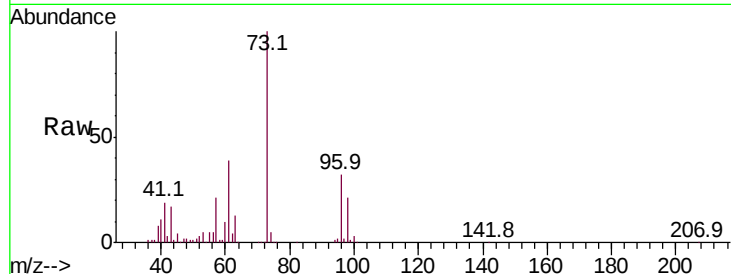
#19
Methyl tert-butyl Ether
Concen: 53.213 ug/l
RT: 5.05 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VN054454.D
Acq: 19 Mar 2019 21:34

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

Tot Ion: 73 Resp: 1846064
Ion Ratio Lower Upper
73 100
57 21.2 16.8 25.2

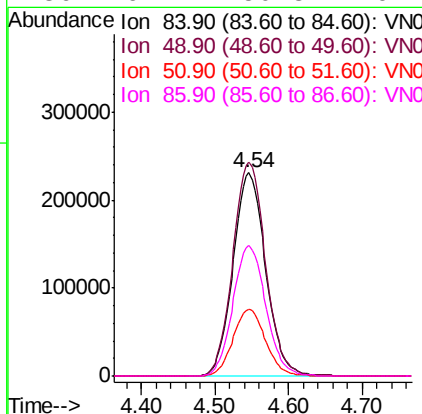
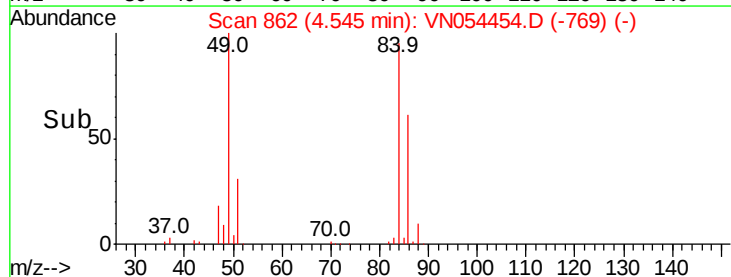
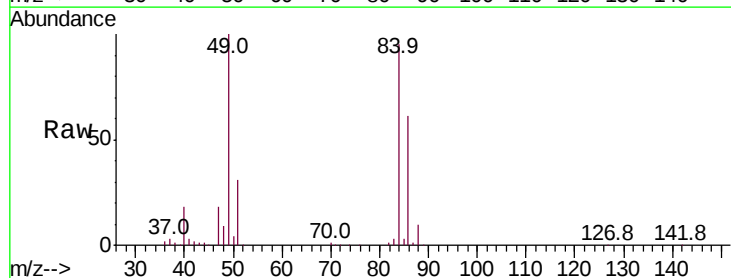
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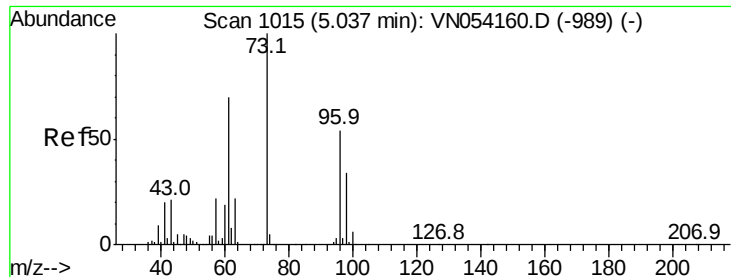
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#20
Methylene Chloride
Concen: 52.926 ug/l
RT: 4.54 min Scan# 862
Delta R.T. 0.00 min
Lab File: VN054454.D
Acq: 19 Mar 2019 21:34

Tgt Ion: 84 Resp: 711917
Ion Ratio Lower Upper
84 100
49 105.1 89.7 134.5
51 33.0 28.2 42.4
86 64.1 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 50.291 ug/l

RT: 5.04 min Scan# 1015

Delta R.T. 0.00 min

Lab File: VN054454.D

Acq: 19 Mar 2019 21:34

Instrument :

MSVOA_N

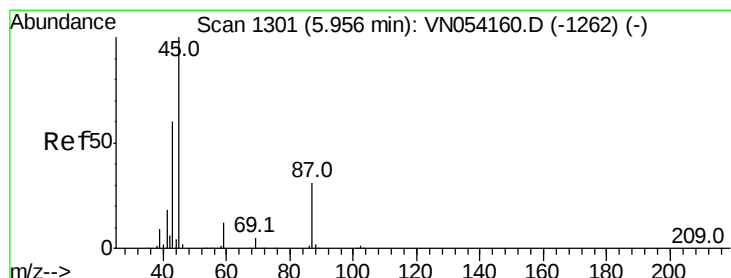
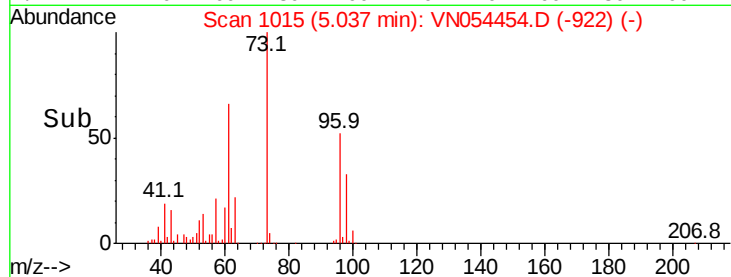
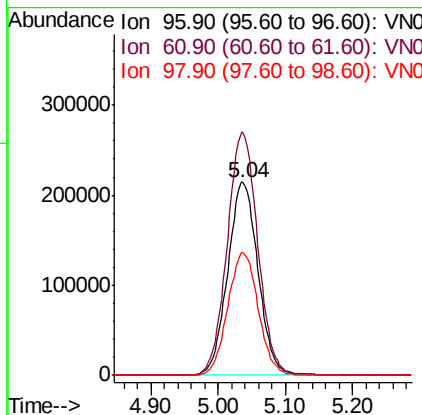
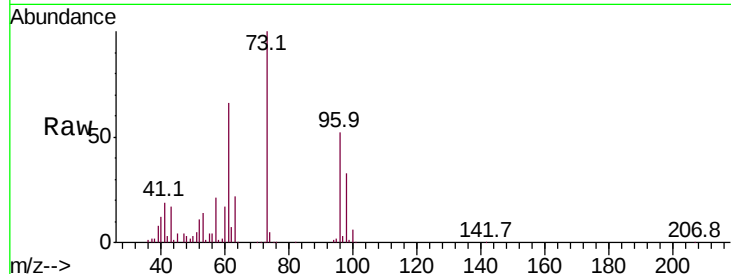
ClientSampleId :

T11-MW-3-8.0-031519MSD

Tot Ion:	96	Resp:	674406
Ion	Ratio	Lower	Upper
96	100		
61	126.1	102.8	154.2
98	63.8	50.0	75.0

Manual Integrations
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#22

Diisopropyl ether

Concen: 52.830 ug/l

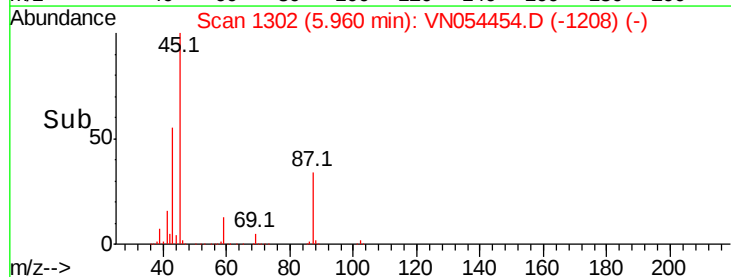
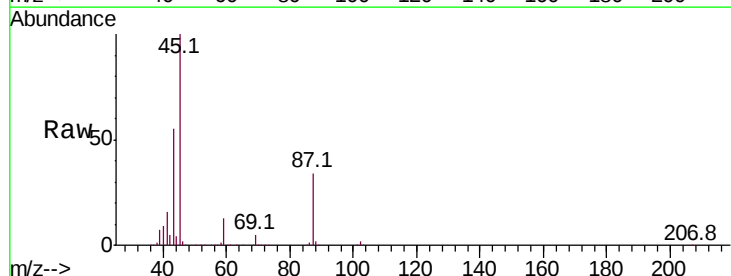
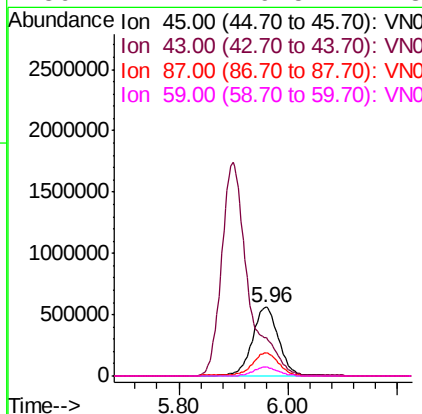
RT: 5.96 min Scan# 1302

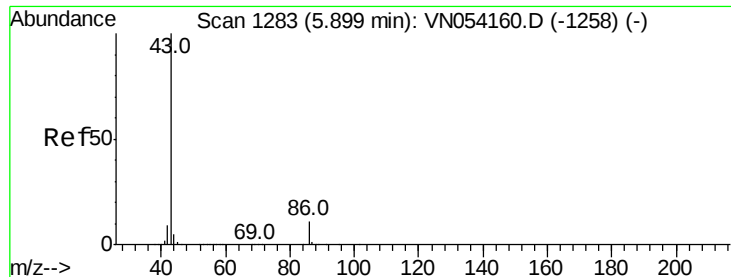
Delta R.T. 0.00 min

Lab File: VN054454.D

Acq: 19 Mar 2019 21:34

Tgt Ion:	45	Resp:	1893420
Ion	Ratio	Lower	Upper
45	100		
43	55.1	48.2	72.2
87	33.6	24.9	37.3
59	12.7	9.5	14.3





#23

Vinyl Acetate

Concen: 224.990 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VN054454.D

Acq: 19 Mar 2019 21:34

Instrument :

MSVOA_N

ClientSampleId :

T11-MW-3-8.0-031519MSD

Tot Ion: 43 Resp: 5945371

Ion Ratio Lower Upper

43 100

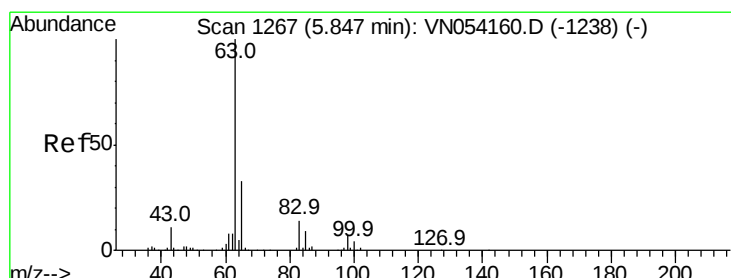
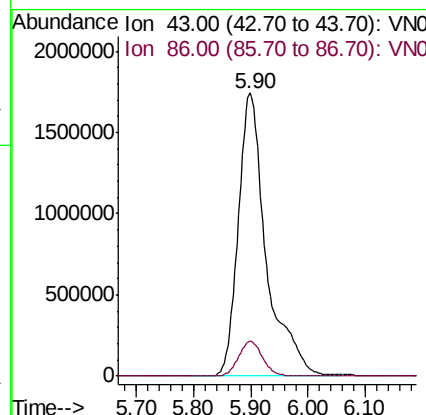
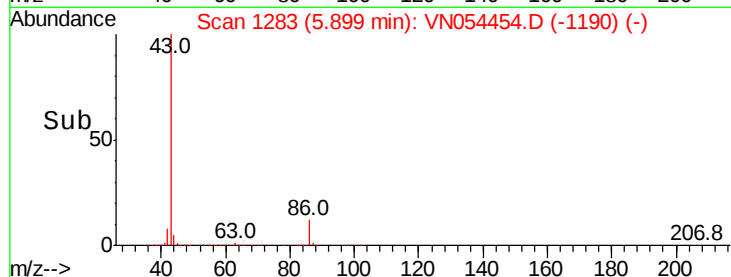
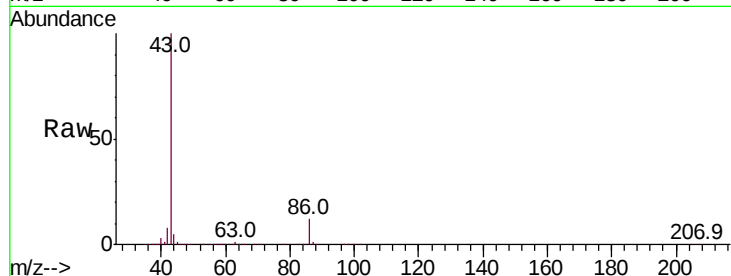
86 12.3 9.1 13.7

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 52.074 ug/l

RT: 5.85 min Scan# 1267

Delta R.T. 0.00 min

Lab File: VN054454.D

Acq: 19 Mar 2019 21:34

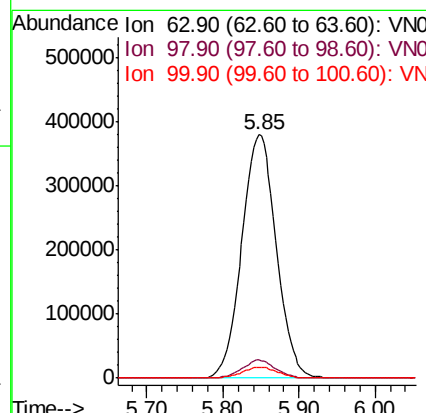
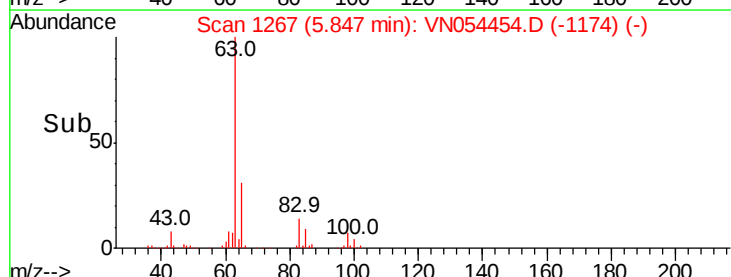
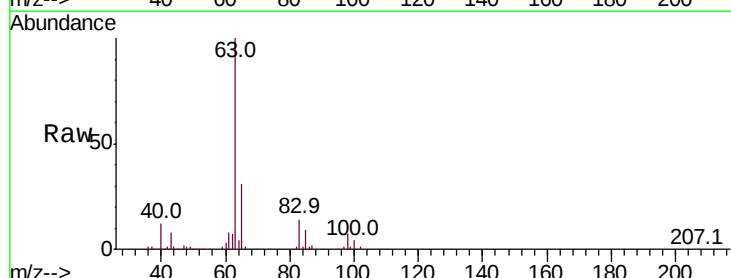
Tgt Ion: 63 Resp: 1198343

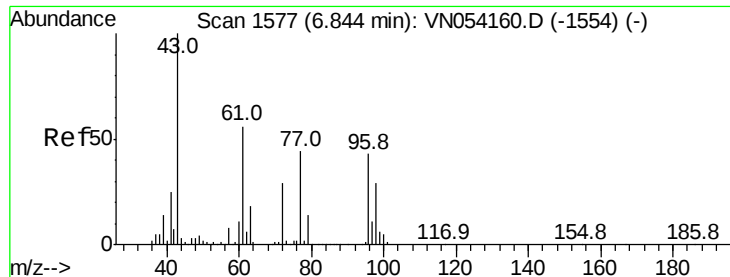
Ion Ratio Lower Upper

63 100

98 7.4 3.5 10.5

100 4.5 2.0 6.0





#25

2-Butanone

Concen: 246.932 ug/l

RT: 6.84 min Scan# 1577

Delta R.T. 0.00 min

Lab File: VN054454.D

Acq: 19 Mar 2019 21:34

Instrument :

MSVOA_N

ClientSampleId :

T11-MW-3-8.0-031519MSD

Tot Ion: 43 Resp: 1187278

Ion Ratio Lower Upper

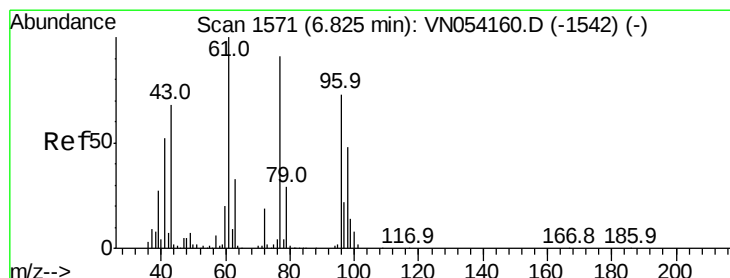
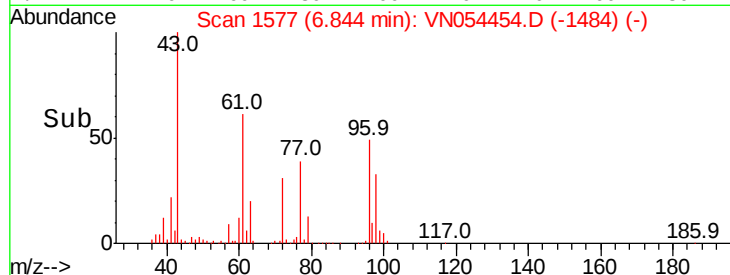
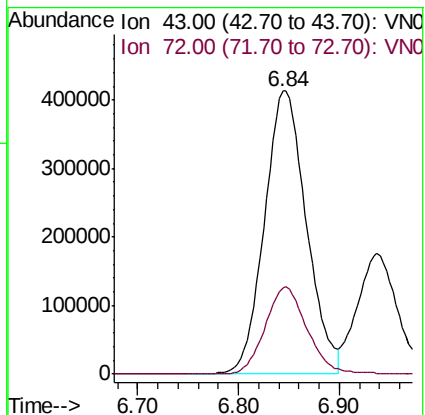
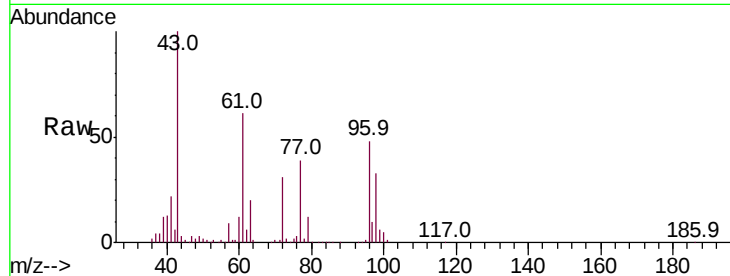
43 100

72 30.7 23.0 34.6

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#26

2,2-Dichloropropane

Concen: 38.138 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. 0.00 min

Lab File: VN054454.D

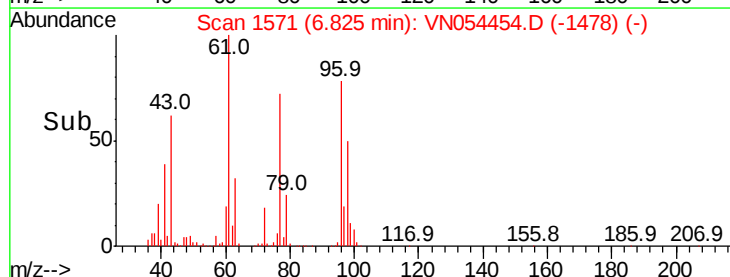
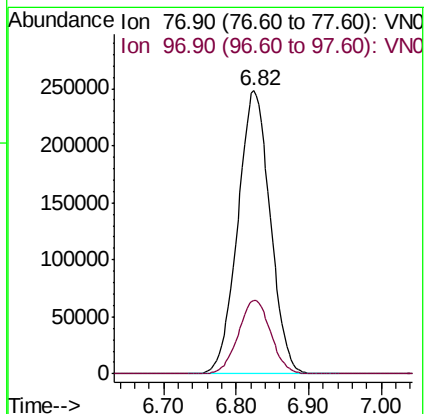
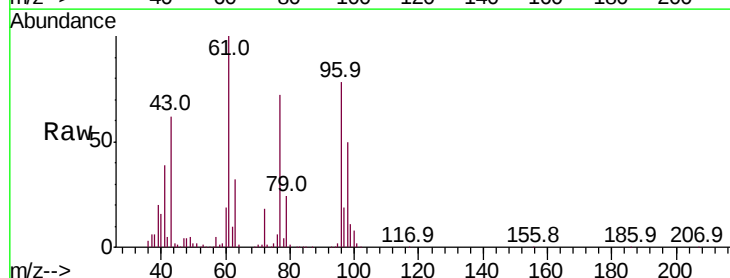
Acq: 19 Mar 2019 21:34

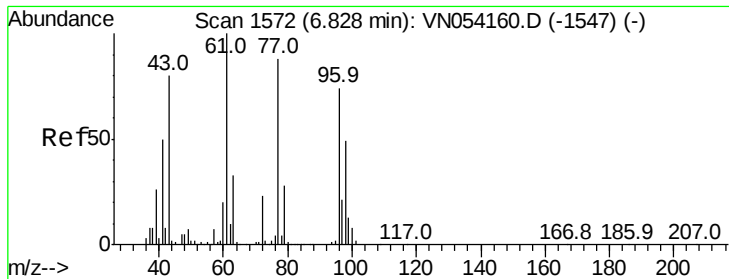
Tgt Ion: 77 Resp: 771793

Ion Ratio Lower Upper

77 100

97 26.0 11.9 35.9





#27

cis-1,2-Dichloroethene

Concen: 53.257 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN054454.D

Acq: 19 Mar 2019 21:34

Instrument :

MSVOA_N

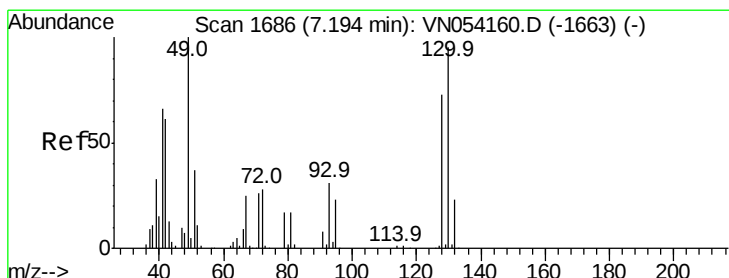
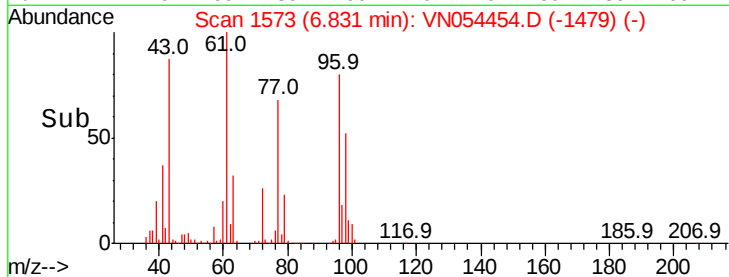
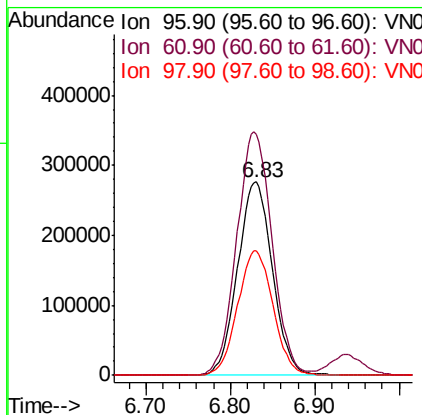
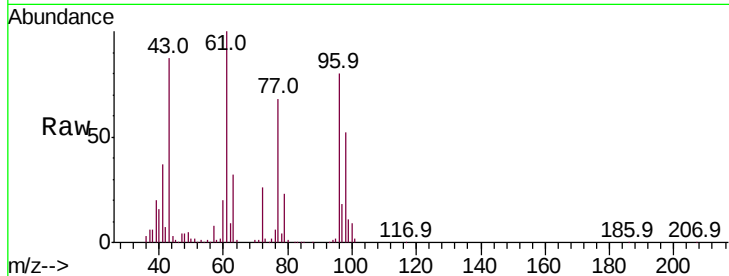
ClientSampleId :

T11-MW-3-8.0-031519MSD

Tot Ion	Ratio	Lower	Upper
96	100		
61	127.7	0.0	273.0
98	65.3	0.0	130.6

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#28

Bromochloromethane

Concen: 50.606 ug/l

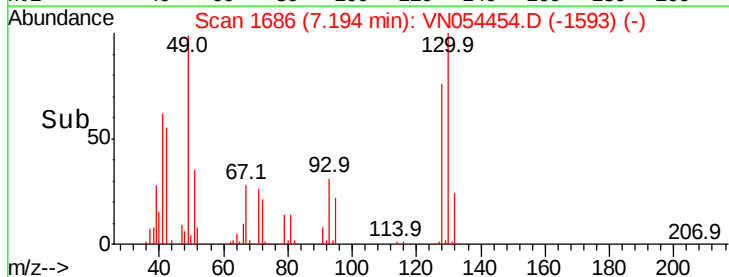
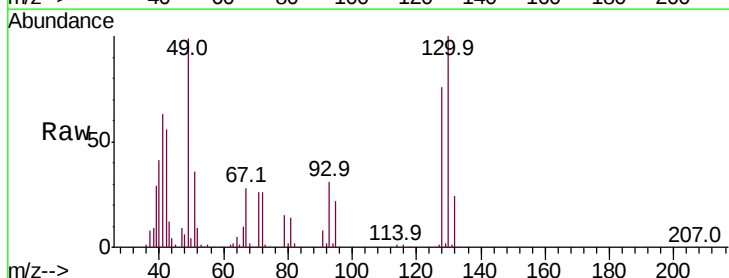
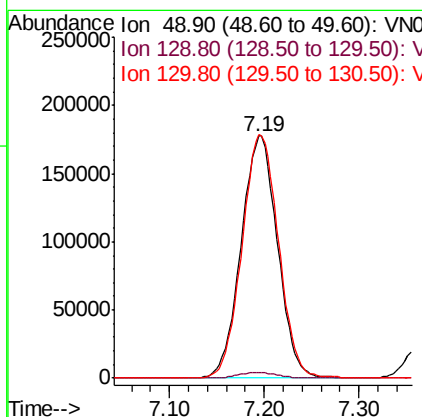
RT: 7.19 min Scan# 1686

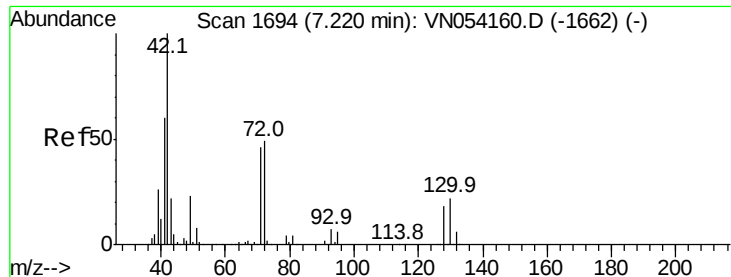
Delta R.T. 0.00 min

Lab File: VN054454.D

Acq: 19 Mar 2019 21:34

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.6
130	100.7	76.7	115.1





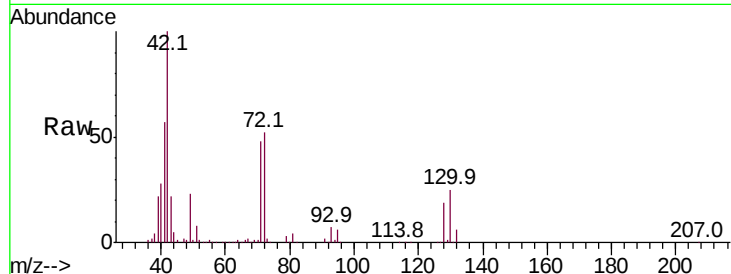
#29
Tetrahydrofuran
Concen: 252.019 ug/l
RT: 7.22 min Scan# 1694
Delta R.T. 0.00 min
Lab File: VN054454.D
Acq: 19 Mar 2019 21:34

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

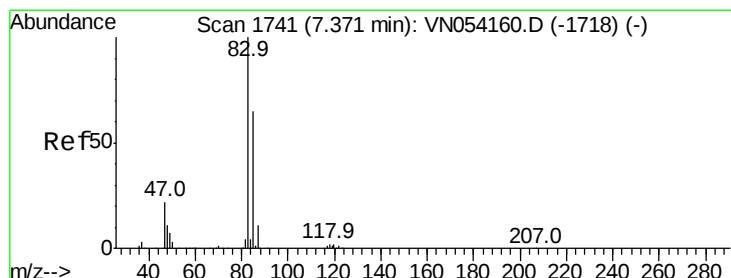
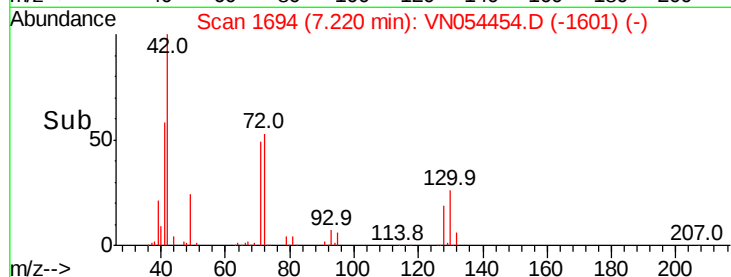
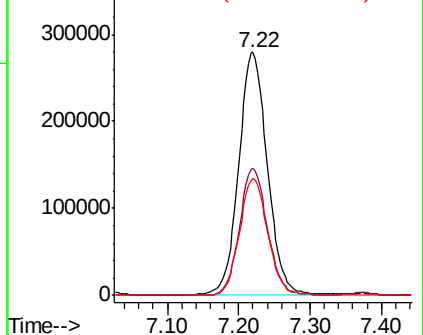
Tot Ion	Ratio	Lower	Upper
42	100		
72	51.3	37.8	56.6
71	47.8	36.2	54.2

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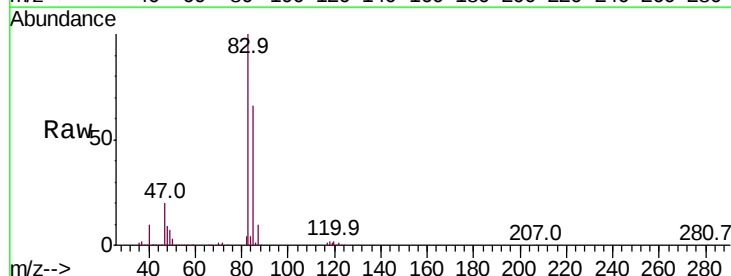


Abundance Ion 42.00 (41.70 to 42.70): VNC
Ion 72.00 (71.70 to 72.70): VNC
Ion 71.00 (70.70 to 71.70): VNC

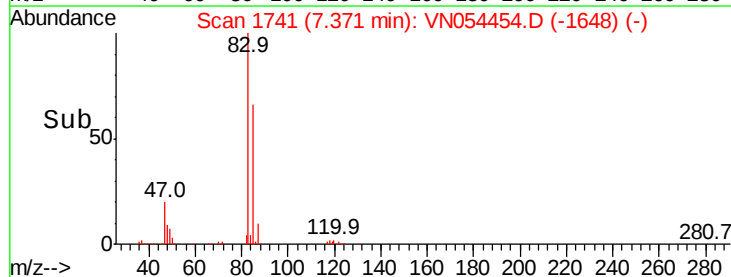
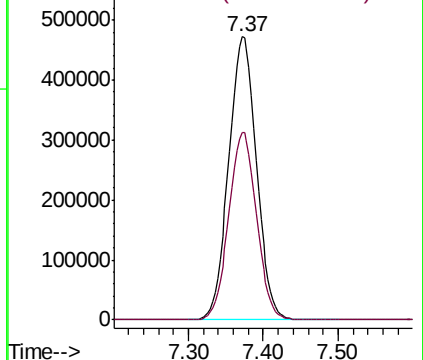


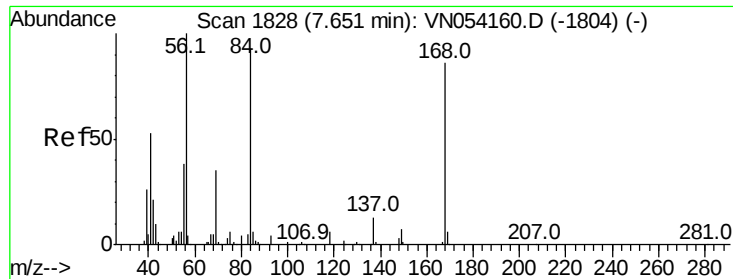
#30
Chloroform
Concen: 50.874 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN054454.D
Acq: 19 Mar 2019 21:34

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.0	52.2	78.4



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





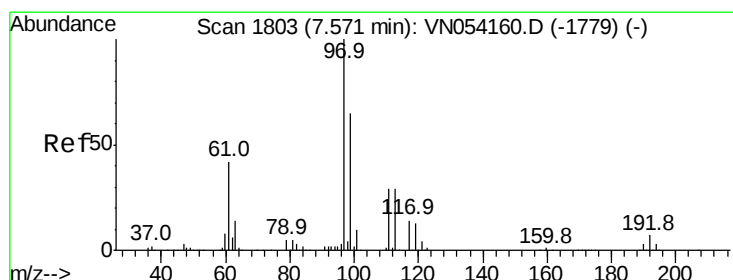
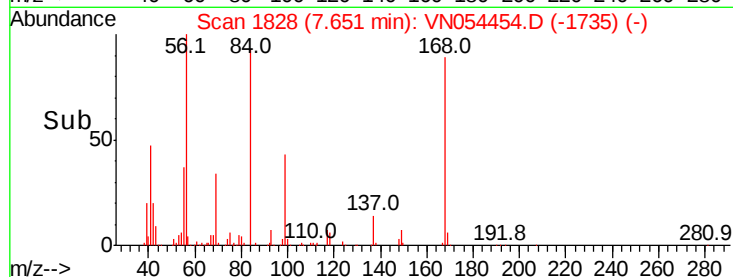
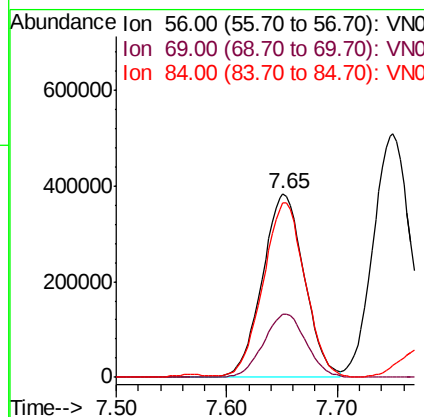
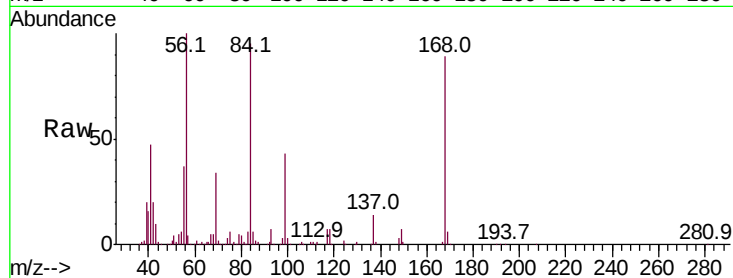
#31
Cyclohexane
Concen: 47.002 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.00 min
Lab File: VN054454.D
Acq: 19 Mar 2019 21:34

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

Tot Ion: 56 Resp: 1012806
Ion Ratio Lower Upper
56 100
69 34.1 27.8 41.6
84 93.6 74.6 111.8

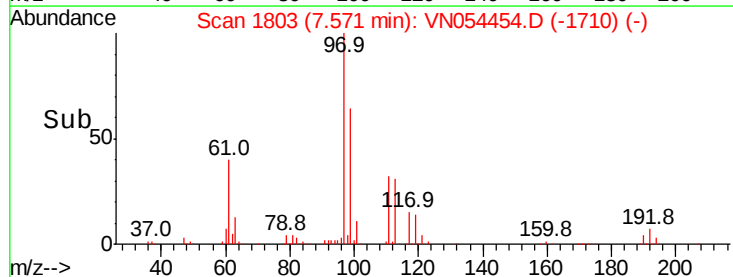
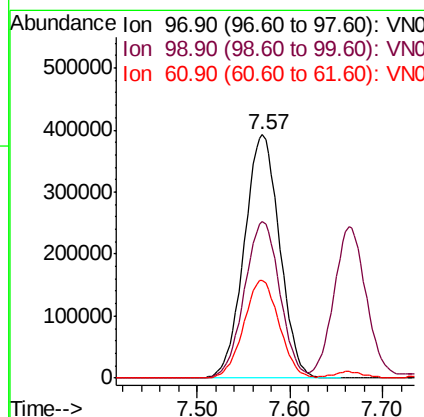
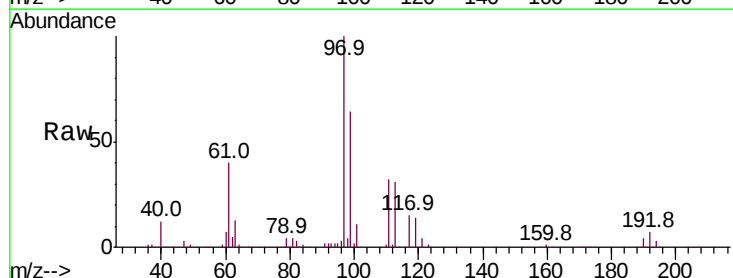
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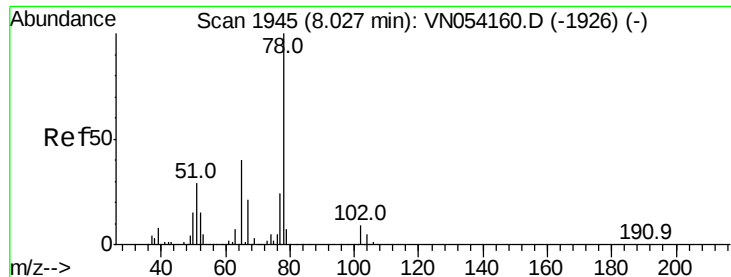
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#32
1,1,1-Trichloroethane
Concen: 47.877 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VN054454.D
Acq: 19 Mar 2019 21:34

Tgt Ion: 97 Resp: 1038301
Ion Ratio Lower Upper
97 100
99 64.4 51.5 77.3
61 40.2 33.6 50.4





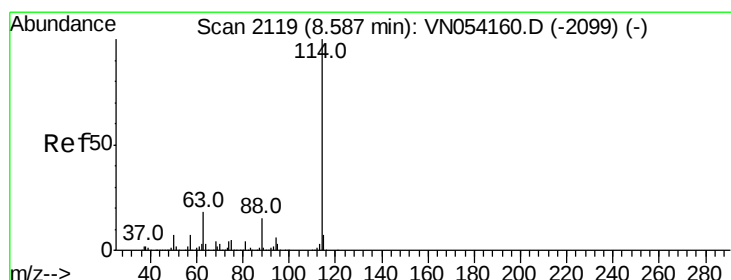
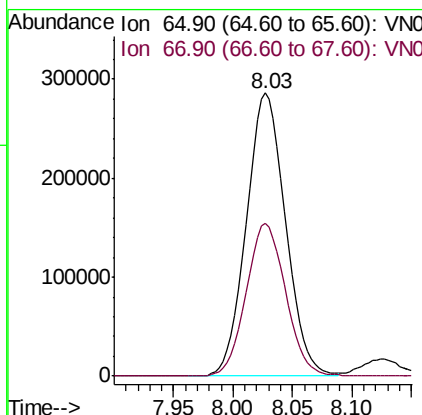
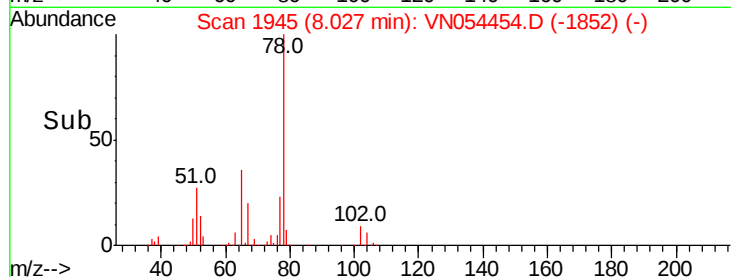
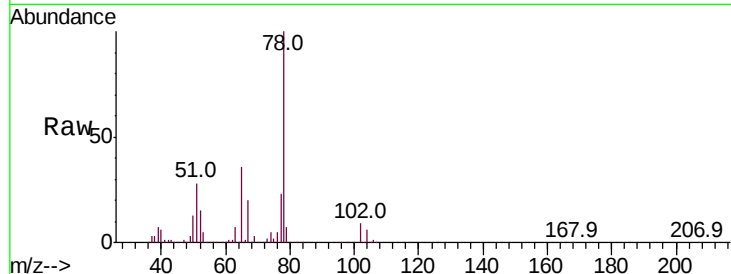
#33
 1,2-Dichloroethane-d4
 Concen: 45.713 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN054454.D
 Acq: 19 Mar 2019 21:34

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

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.4	0.0	104.6

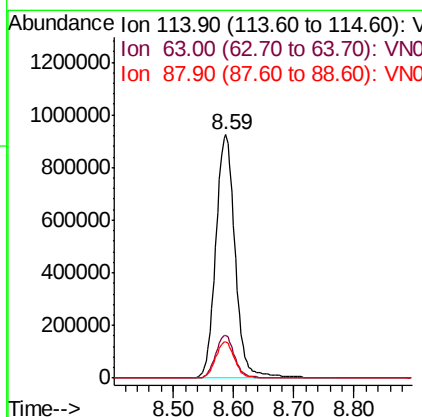
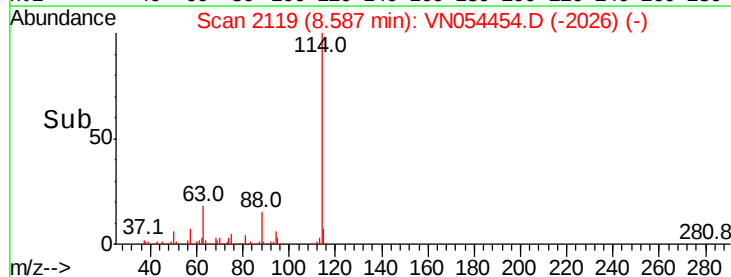
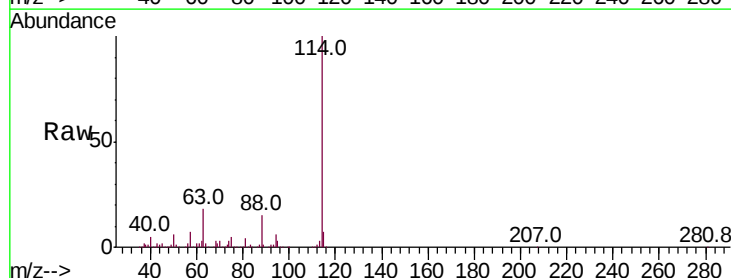
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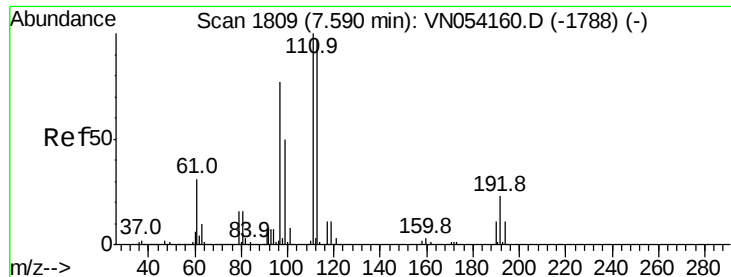
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054454.D
 Acq: 19 Mar 2019 21:34

Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.7	0.0	35.2
88	15.0	0.0	30.2





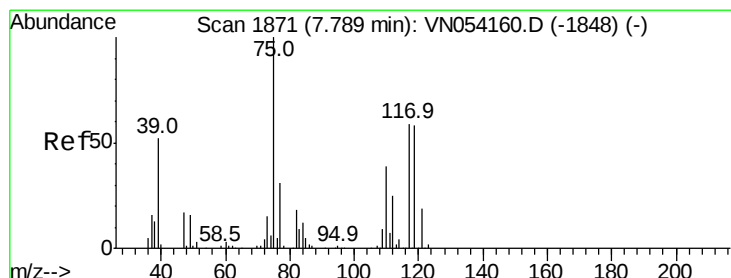
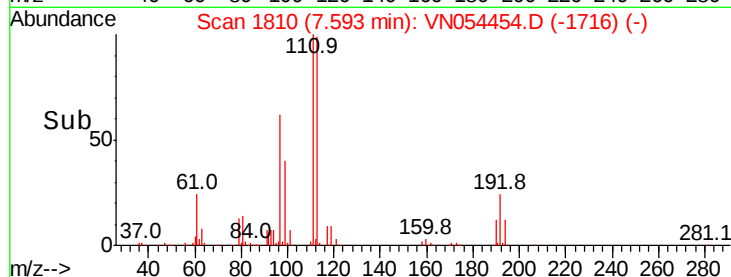
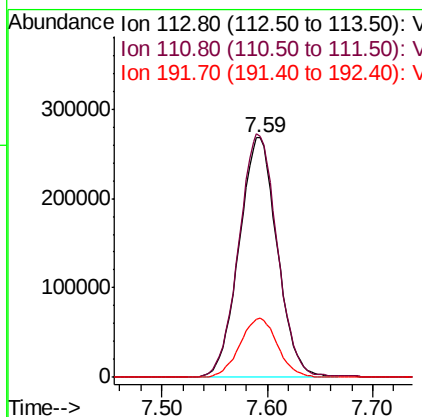
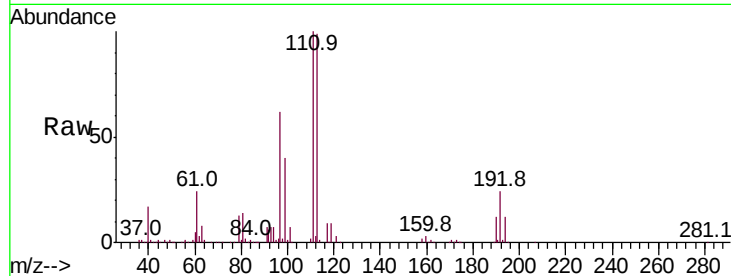
#35
Dibromofluoromethane
Concen: 51.523 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN054454.D
Acq: 19 Mar 2019 21:34

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

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.2	123.4
192	24.4	19.2	28.8

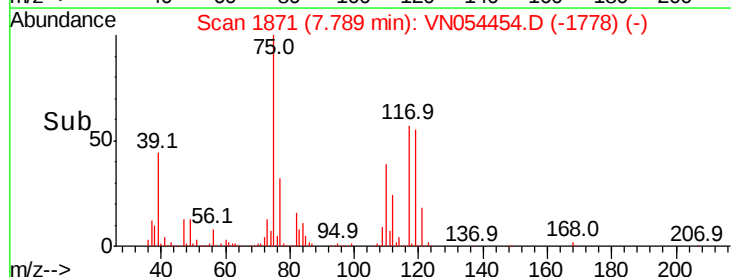
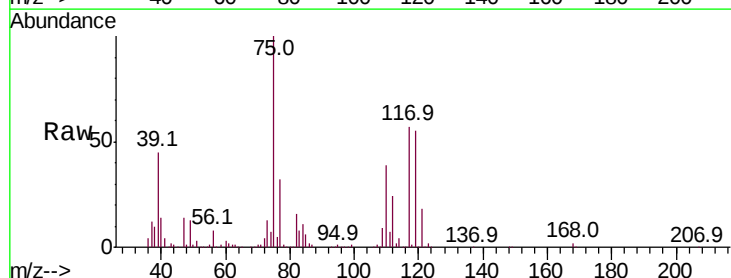
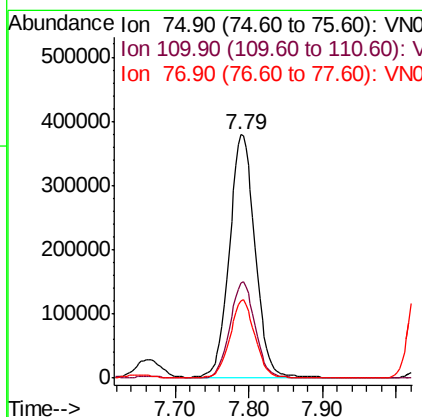
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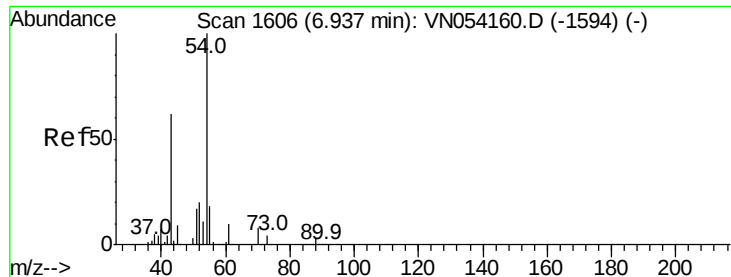
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#36
1,1-Dichloropropene
Concen: 49.199 ug/l
RT: 7.79 min Scan# 1871
Delta R.T. 0.00 min
Lab File: VN054454.D
Acq: 19 Mar 2019 21:34

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.9	19.1	57.5
77	31.6	25.0	37.4





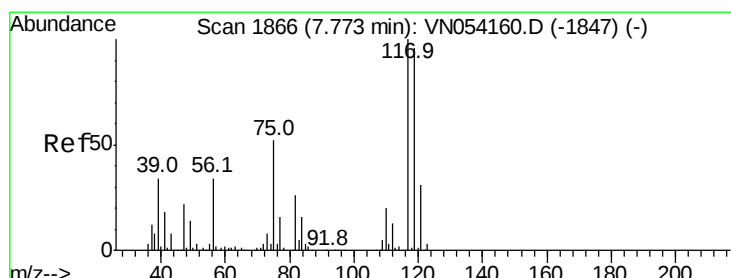
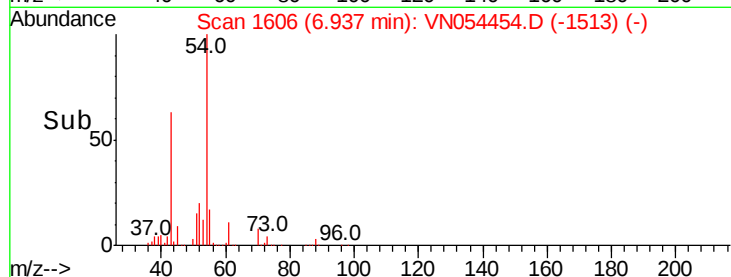
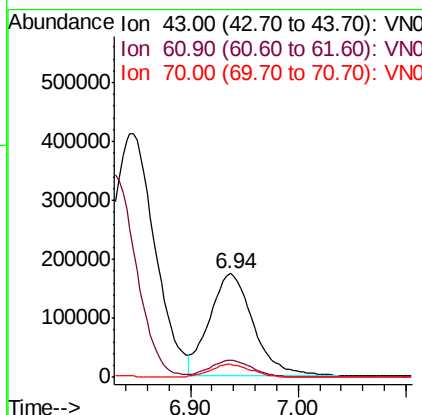
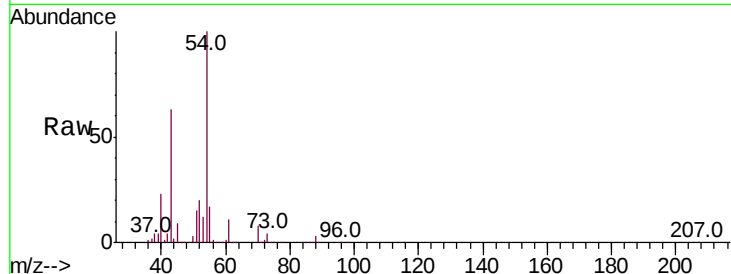
#37
Ethyl Acetate
Concen: 45.885 ug/l
RT: 6.94 min Scan# 1606
Delta R.T. 0.00 min
Lab File: VN054454.D
Acq: 19 Mar 2019 21:34

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

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.1	11.8	17.6
70	11.8	8.4	12.6

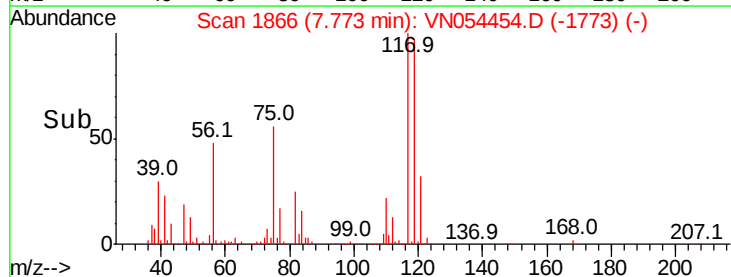
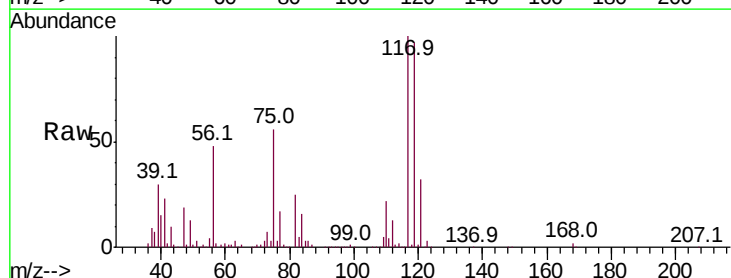
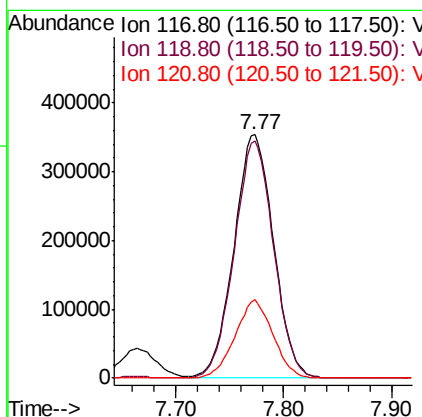
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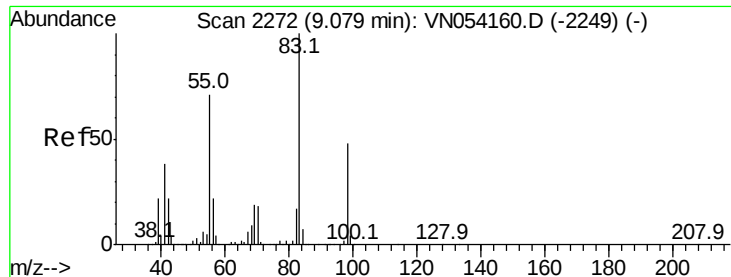
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#38
Carbon Tetrachloride
Concen: 46.265 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. 0.00 min
Lab File: VN054454.D
Acq: 19 Mar 2019 21:34

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.4	76.3	114.5
121	32.0	24.6	36.8





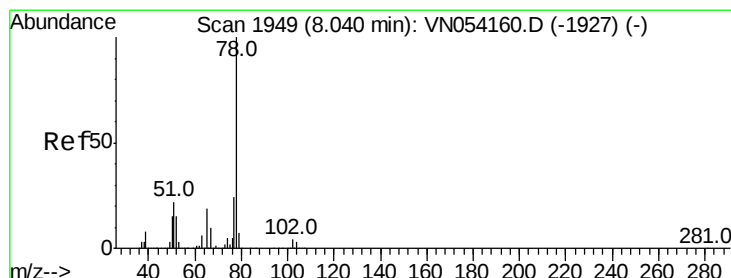
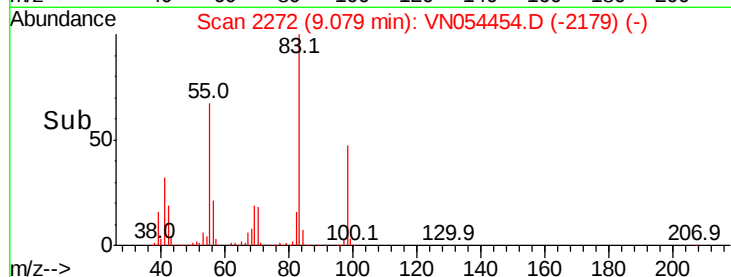
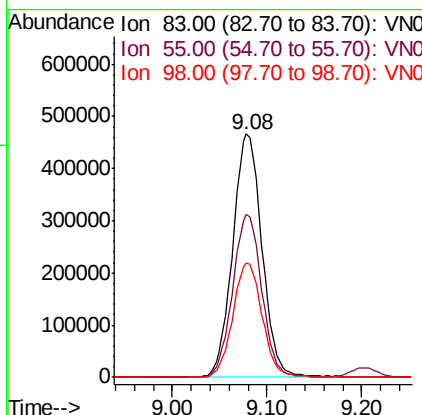
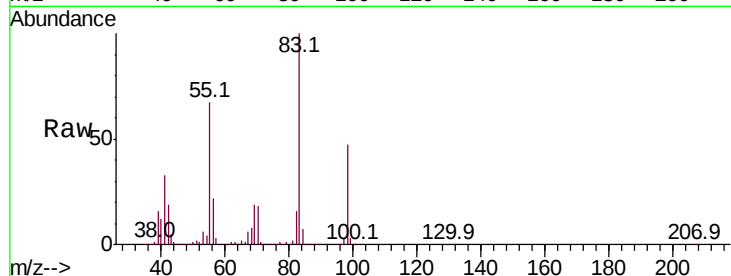
#39
Methylvlcyclohexane
Concen: 43.763 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN054454.D
Acq: 19 Mar 2019 21:34

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

Tot Ion: 83 Resp: 1002950
Ion Ratio Lower Upper
83 100
55 66.8 56.6 84.8
98 47.0 38.4 57.6

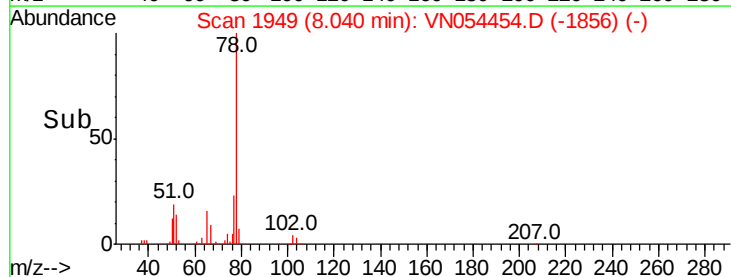
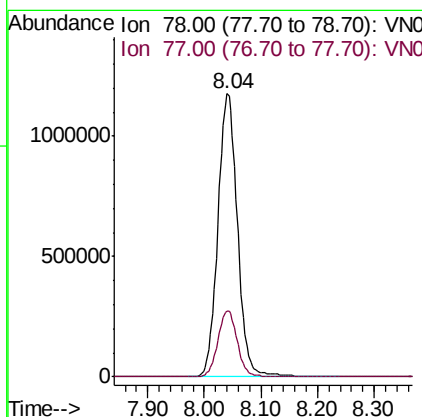
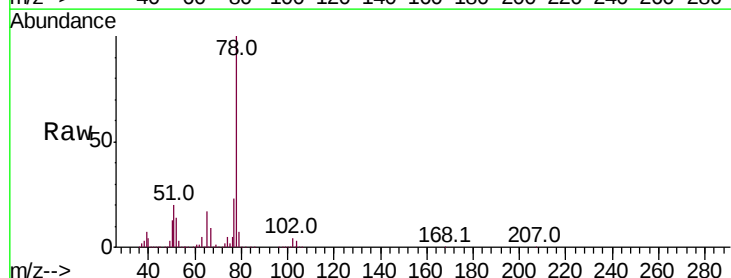
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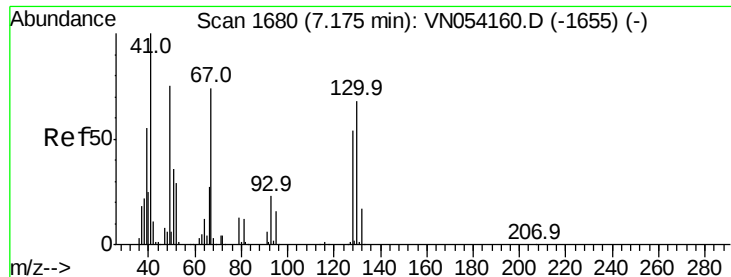
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#40
Benzene
Concen: 53.064 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN054454.D
Acq: 19 Mar 2019 21:34

Tgt Ion: 78 Resp: 2828409
Ion Ratio Lower Upper
78 100
77 23.4 19.1 28.7





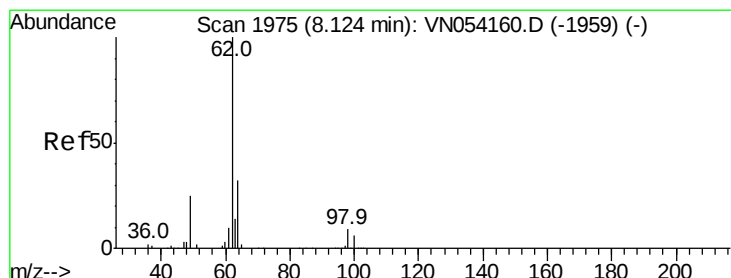
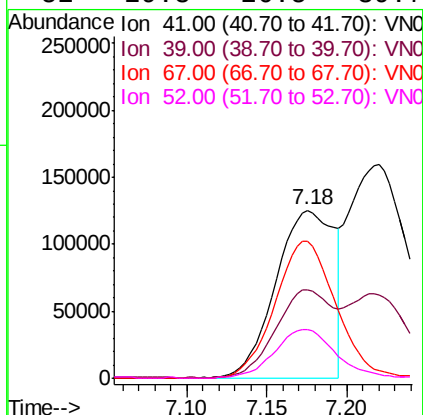
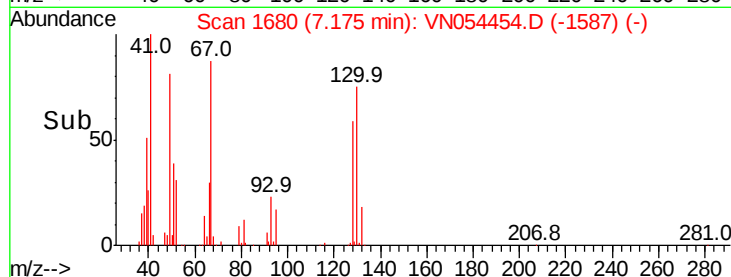
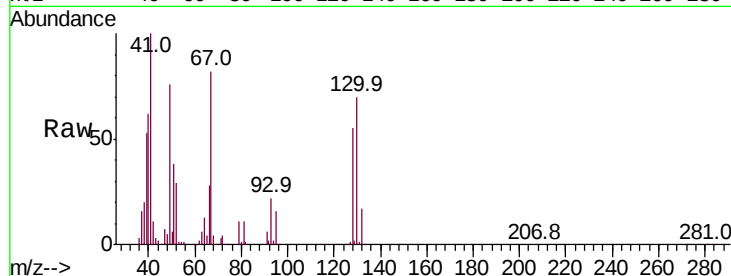
#41
Methacrylonitrile
Concen: 52.228 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VN054454.D
Acq: 19 Mar 2019 21:34

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

Tot Ion	Ratio	Lower	Upper
41	100		
39	50.6	46.8	70.2
67	85.8	67.0	100.4
52	29.8	26.5	39.7

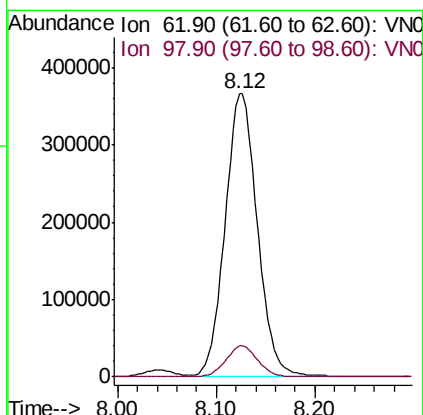
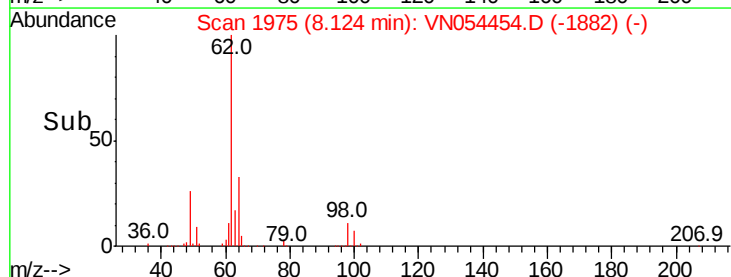
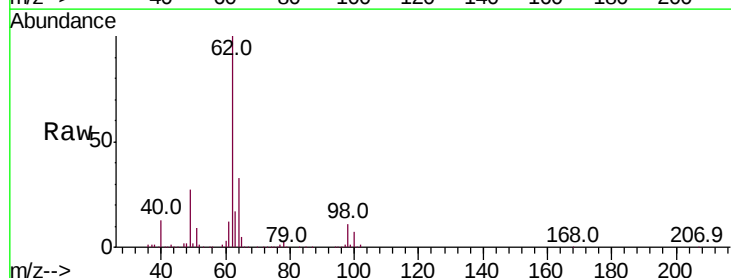
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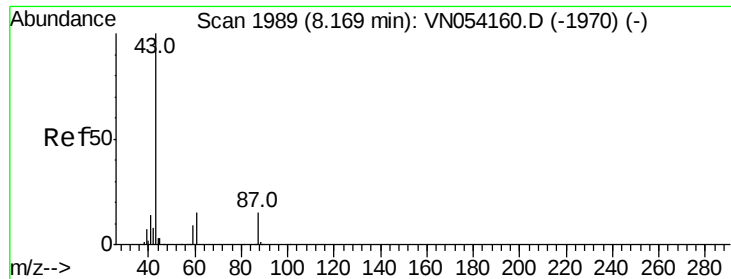
MMDadoda
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#42
1,2-Dichloroethane
Concen: 46.292 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN054454.D
Acq: 19 Mar 2019 21:34

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.9	0.0	18.4





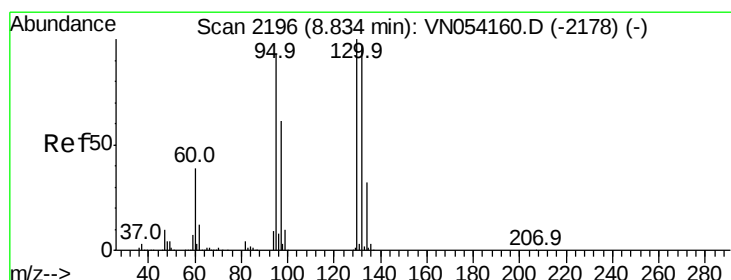
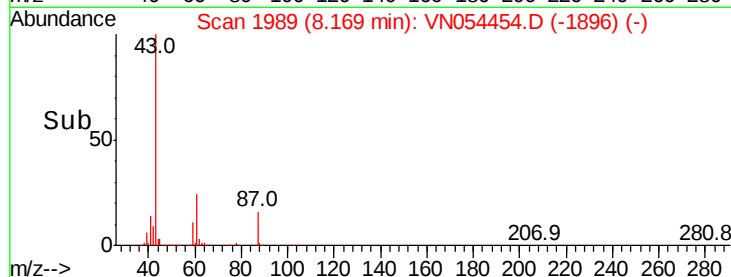
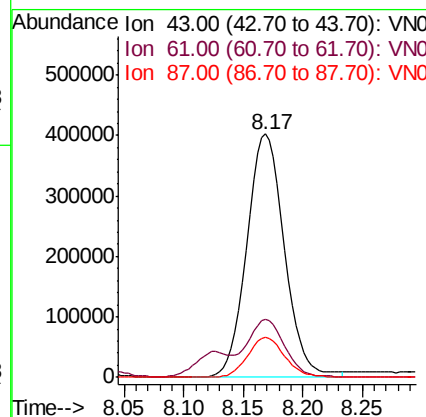
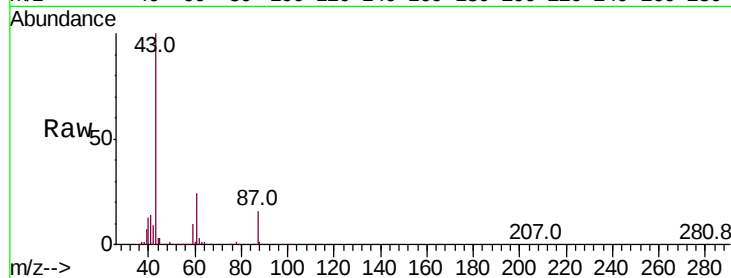
#43
Isopropyl Acetate
Concen: 46.730 ug/l
RT: 8.17 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VN054454.D
Acq: 19 Mar 2019 21:34

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

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.9	15.8	23.8
87	16.4	12.0	18.0

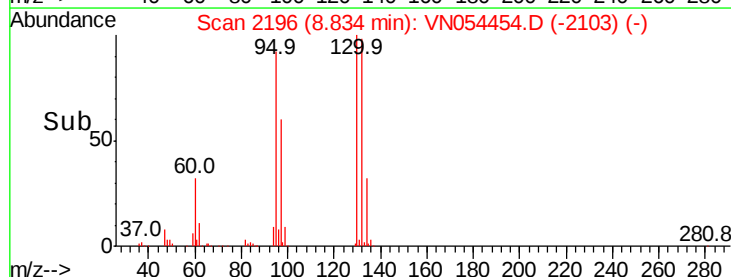
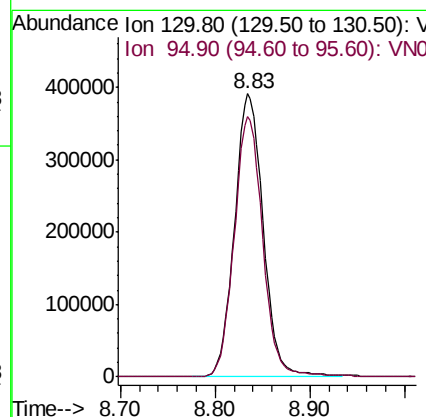
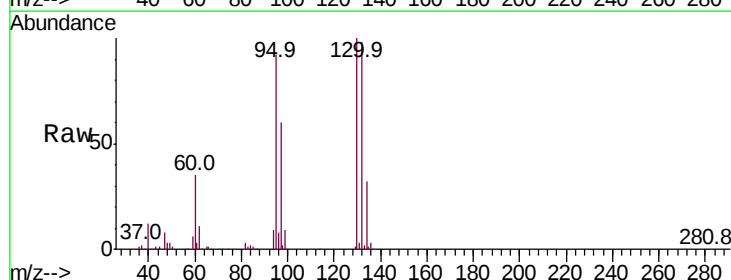
Manual Integrations
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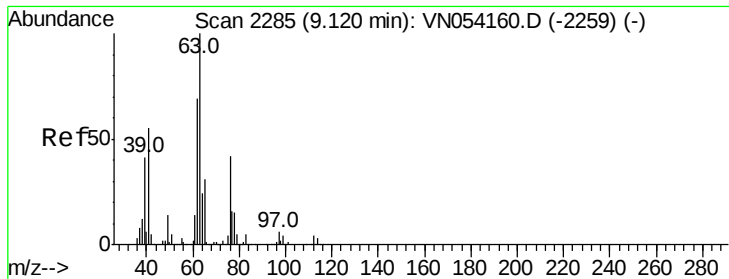
MMDadoda
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#44
Trichloroethene
Concen: 49.772 ug/l
RT: 8.83 min Scan# 2196
Delta R.T. 0.00 min
Lab File: VN054454.D
Acq: 19 Mar 2019 21:34

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.1	0.0	185.2





#45

1,2-Dichloropropane

Concen: 54.785 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN054454.D

Acq: 19 Mar 2019 21:34

Instrument :

MSVOA_N

ClientSampleId :

T11-MW-3-8.0-031519MSD

Tot Ion: 63 Resp: 725101

Ion Ratio Lower Upper

63 100

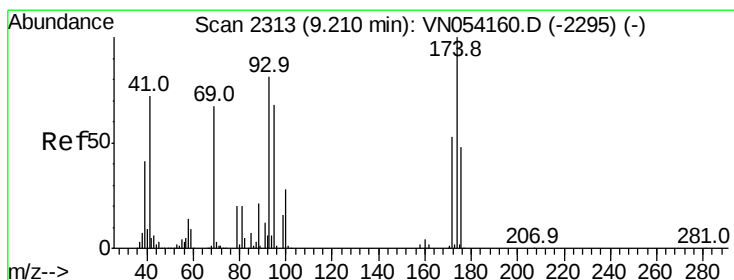
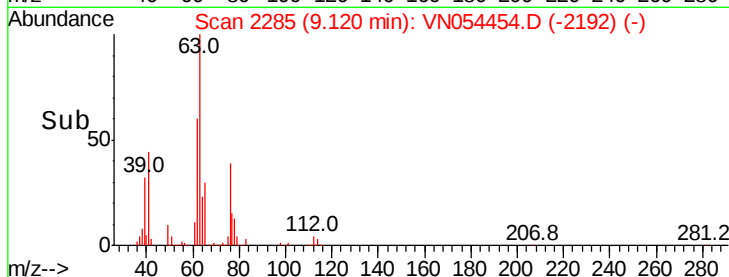
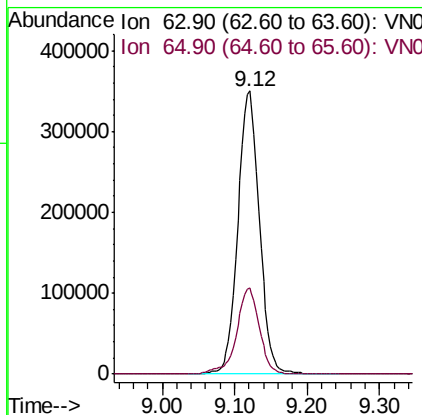
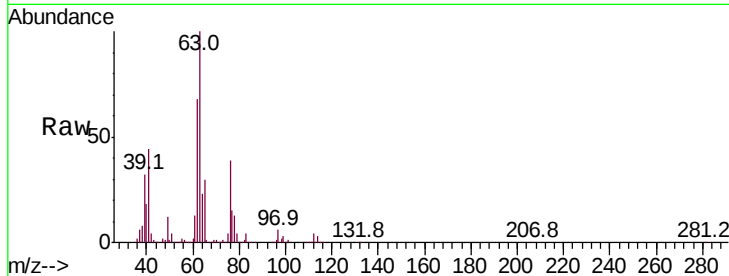
65 30.3 25.0 37.6

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#46

Dibromomethane

Concen: 49.897 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN054454.D

Acq: 19 Mar 2019 21:34

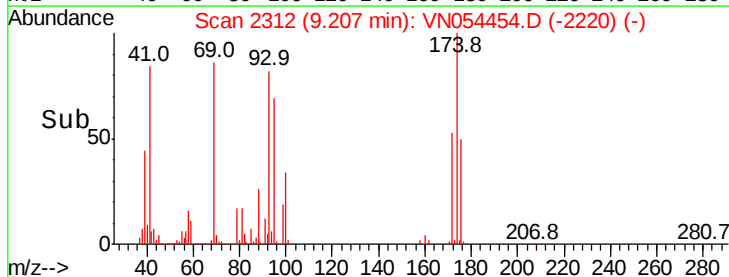
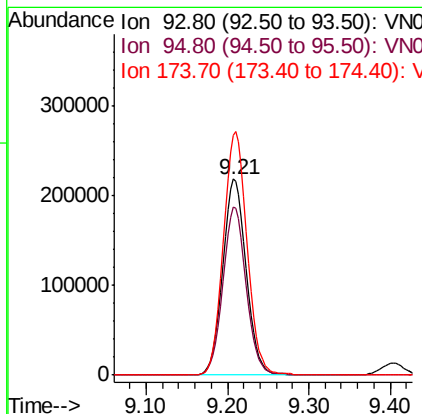
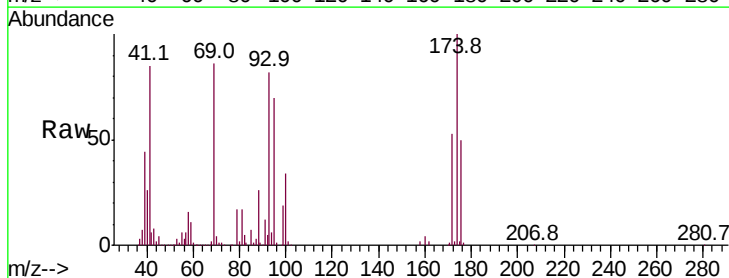
Tgt Ion: 93 Resp: 446204

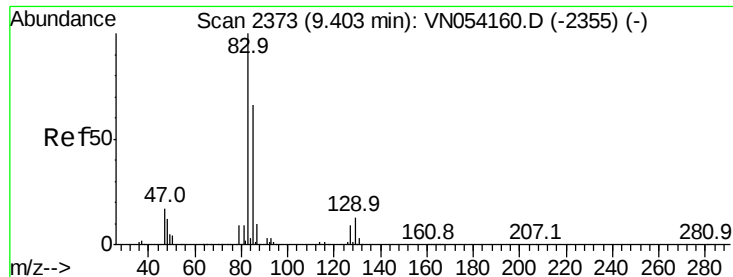
Ion Ratio Lower Upper

93 100

95 84.4 66.7 100.1

174 124.6 98.5 147.7





#47

Bromodichloromethane

Concen: 50.366 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN054454.D

Acq: 19 Mar 2019 21:34

Instrument :

MSVOA_N

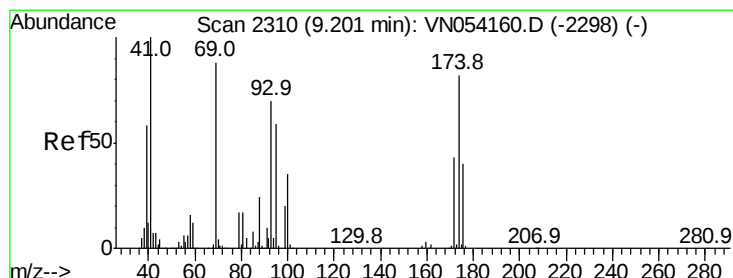
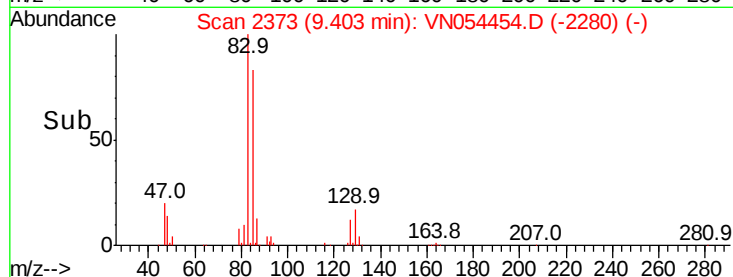
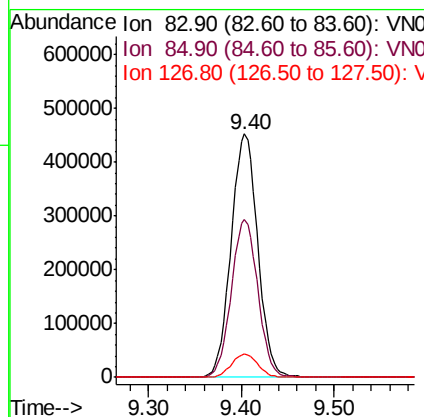
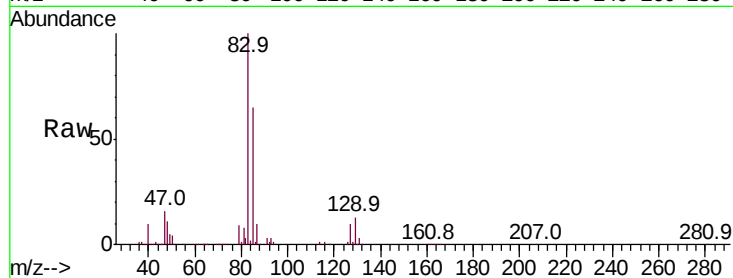
ClientSampleId :

T11-MW-3-8.0-031519MSD

Tot Ion:	83	Resp:	902936
Ion Ratio	Lower	Upper	
83	100		
85	64.9	52.8	79.2
127	9.6	7.4	11.2

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#48

Methyl methacrylate

Concen: 49.968 ug/l

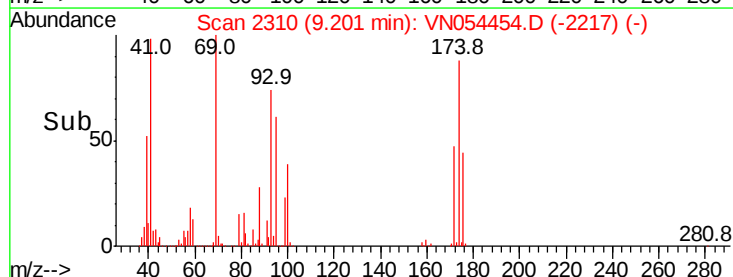
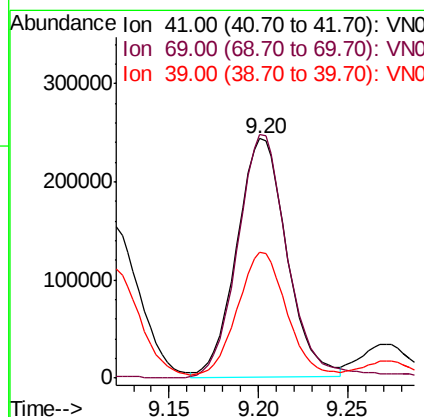
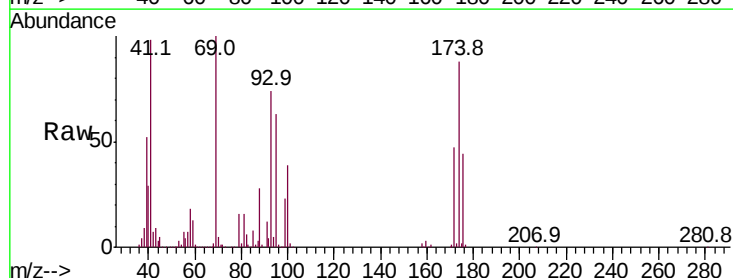
RT: 9.20 min Scan# 2310

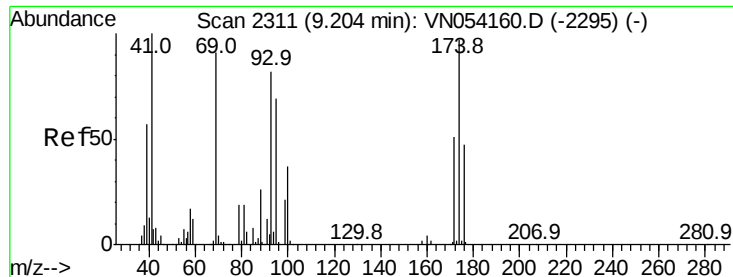
Delta R.T. 0.00 min

Lab File: VN054454.D

Acq: 19 Mar 2019 21:34

Tgt Ion:	41	Resp:	476378
Ion Ratio	Lower	Upper	
41	100		
69	102.2	72.6	108.8
39	52.4	47.5	71.3





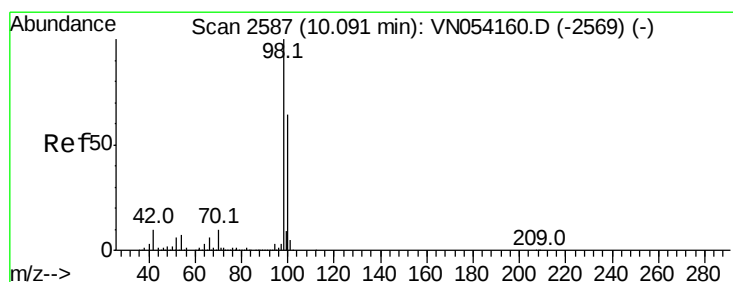
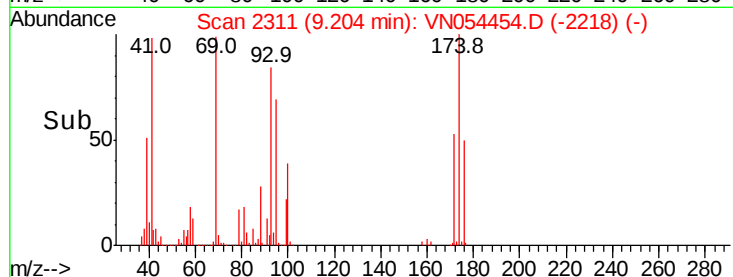
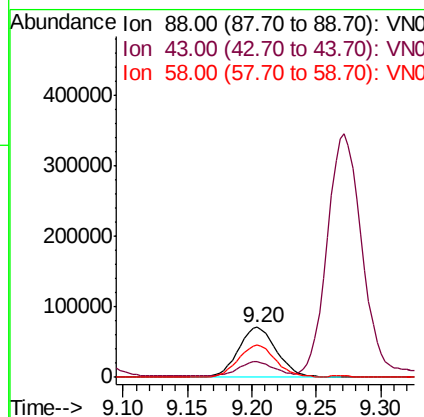
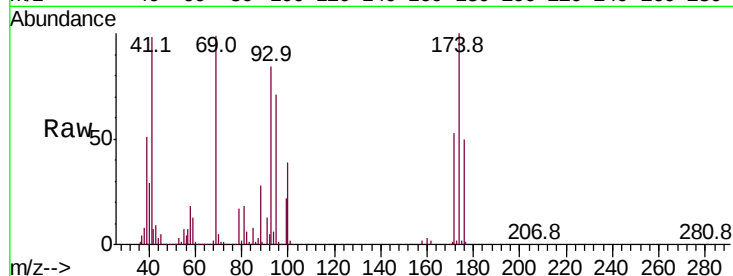
#49
1,4-Dioxane
Concen: 1092.761 ug/l
RT: 9.20 min Scan# 2311
Delta R.T. 0.00 min
Lab File: VN054454.D
Acq: 19 Mar 2019 21:34

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

Tot Ion	Ratio	Lower	Upper
88	100		
43	26.1	24.1	36.1
58	63.4	50.8	76.2

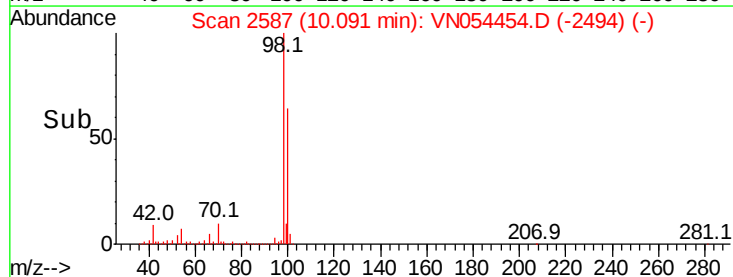
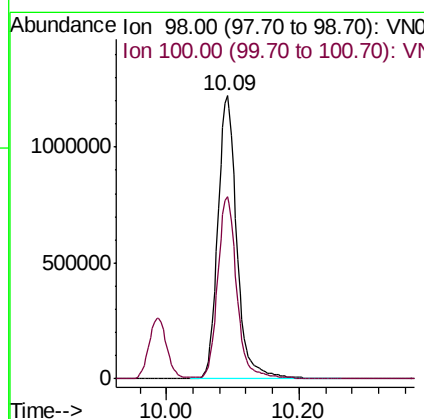
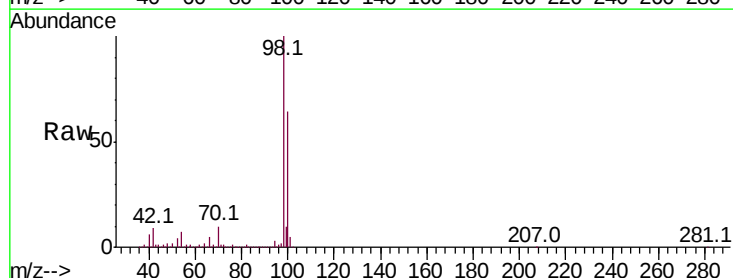
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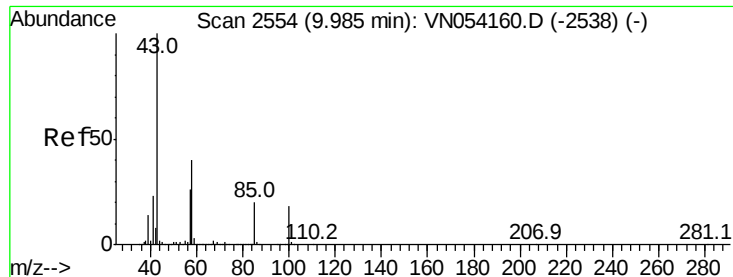
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#50
Toluene-d8
Concen: 50.528 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN054454.D
Acq: 19 Mar 2019 21:34

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 265.953 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN054454.D

Acq: 19 Mar 2019 21:34

Instrument :

MSVOA_N

ClientSampleId :

T11-MW-3-8.0-031519MSD

Tot Ion: 43 Resp: 2644015

Ion Ratio Lower Upper

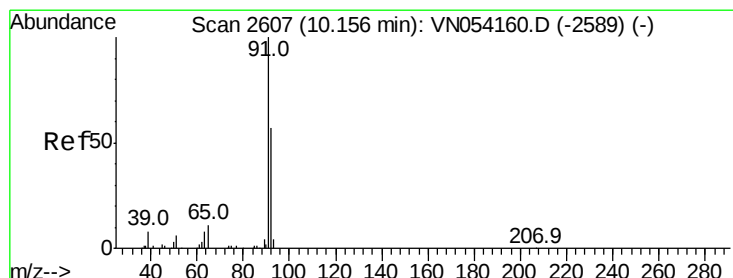
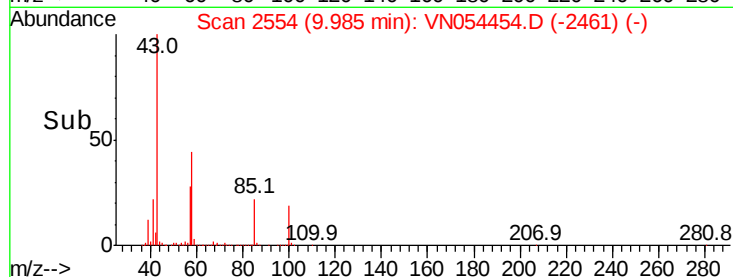
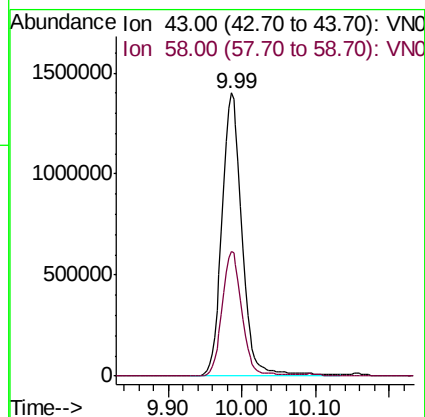
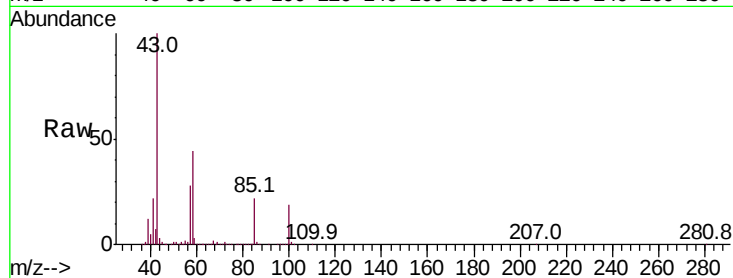
43 100

58 43.7 31.8 47.6

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#52

Toluene

Concen: 52.729 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN054454.D

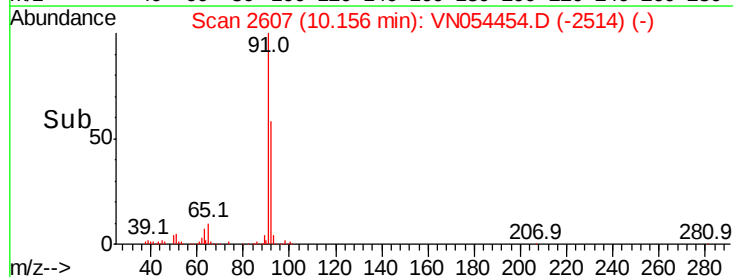
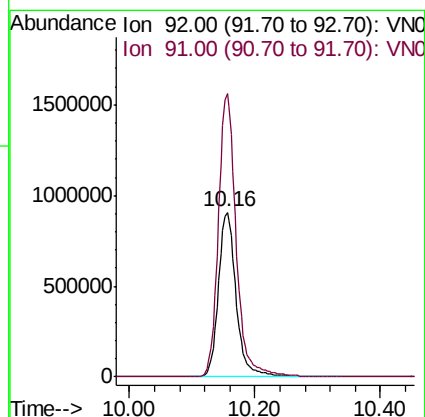
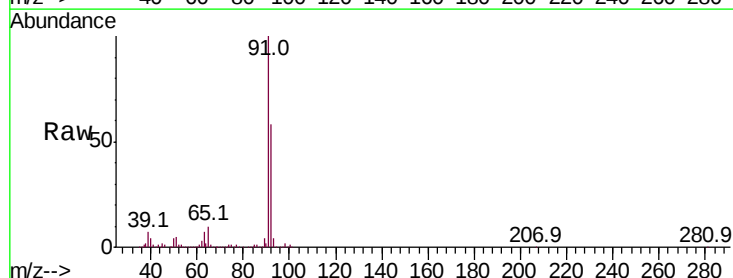
Acq: 19 Mar 2019 21:34

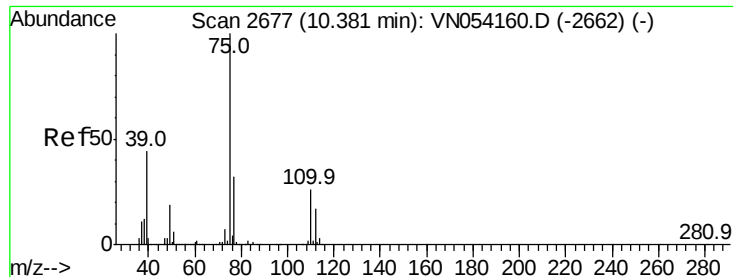
Tgt Ion: 92 Resp: 1782061

Ion Ratio Lower Upper

92 100

91 173.2 140.7 211.1





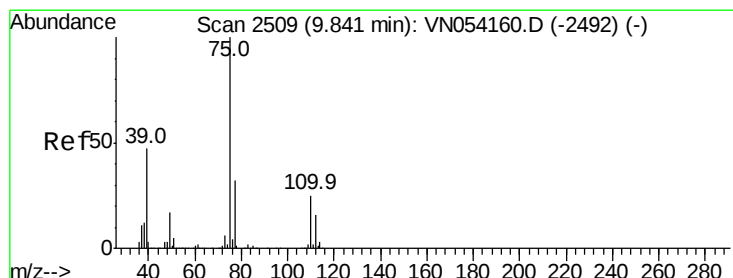
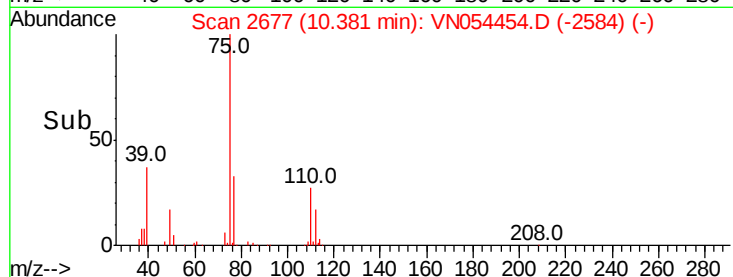
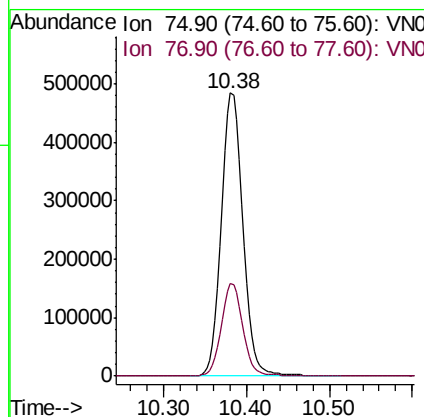
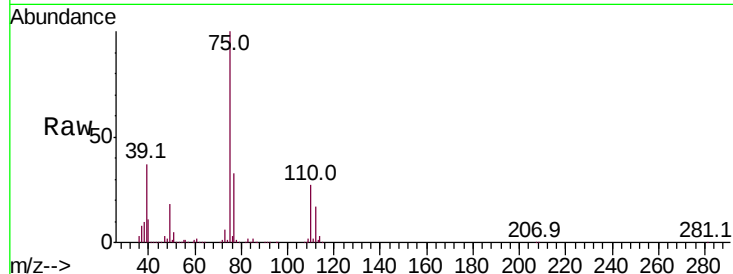
#53
t-1,3-Dichloropropene
Concen: 42.836 ug/l
RT: 10.38 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VN054454.D
Acq: 19 Mar 2019 21:34

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

Tot Ion: 75 Resp: 872266
Ion Ratio Lower Upper
75 100
77 32.5 25.8 38.8

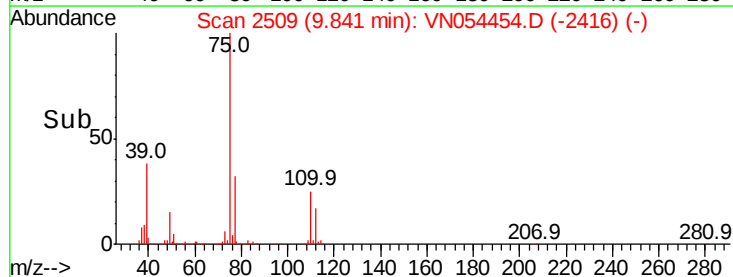
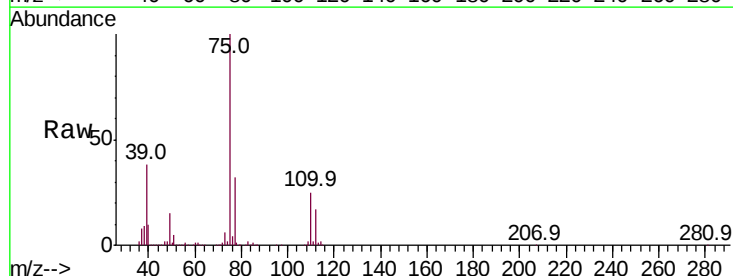
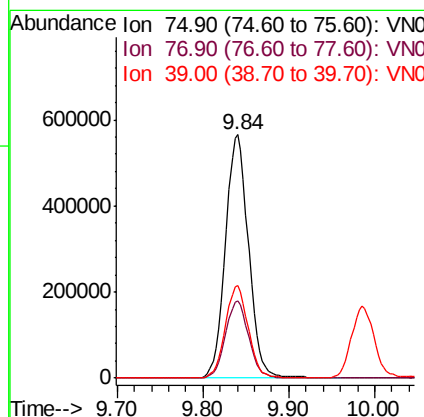
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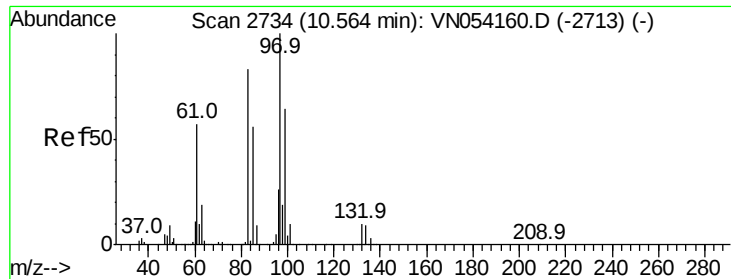
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#54
cis-1,3-Dichloropropene
Concen: 50.541 ug/l
RT: 9.84 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VN054454.D
Acq: 19 Mar 2019 21:34

Tgt Ion: 75 Resp: 1055865
Ion Ratio Lower Upper
75 100
77 31.8 25.4 38.0
39 37.8 37.2 55.8





#55

1,1,2-Trichloroethane

Concen: 53.660 ug/l

RT: 10.56 min Scan# 2734

Delta R.T. 0.00 min

Lab File: VN054454.D

Acq: 19 Mar 2019 21:34

Instrument :

MSVOA_N

ClientSampleId :

T11-MW-3-8.0-031519MSD

Tot Ion: 97 Resp: 662196

Ion Ratio Lower Upper

97 100

83 86.0 66.6 100.0

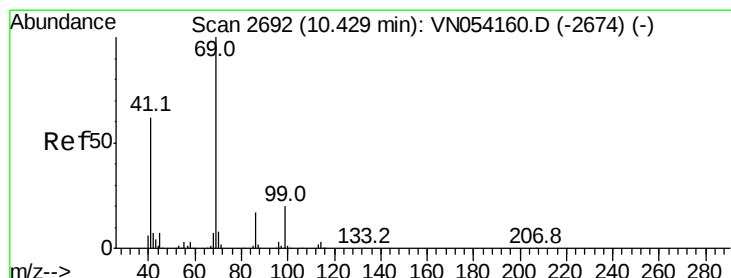
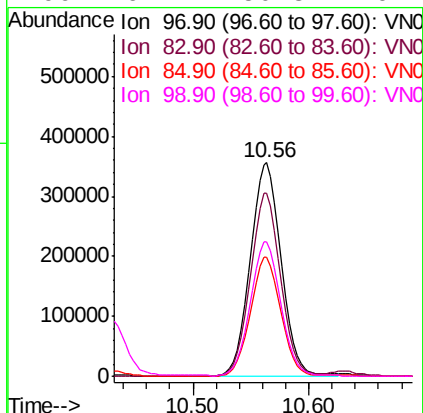
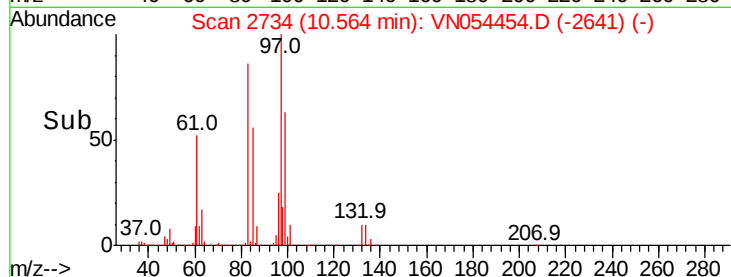
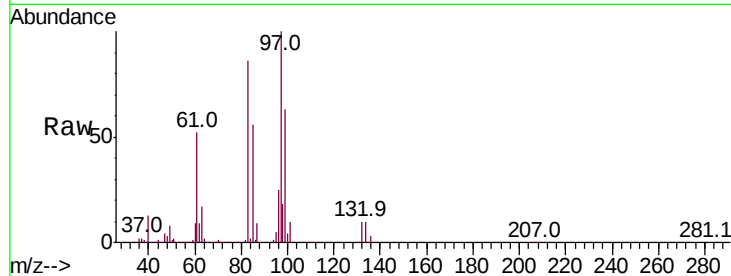
85 55.7 44.4 66.6

99 62.4 50.8 76.2

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#56

Ethyl methacrylate

Concen: 56.026 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN054454.D

Acq: 19 Mar 2019 21:34

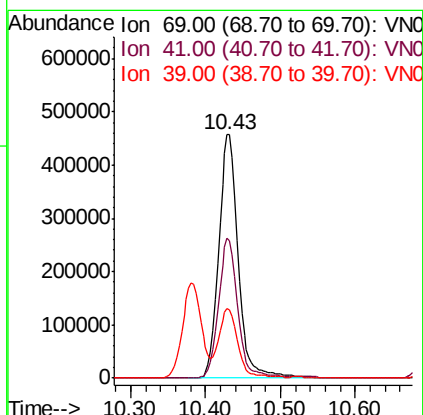
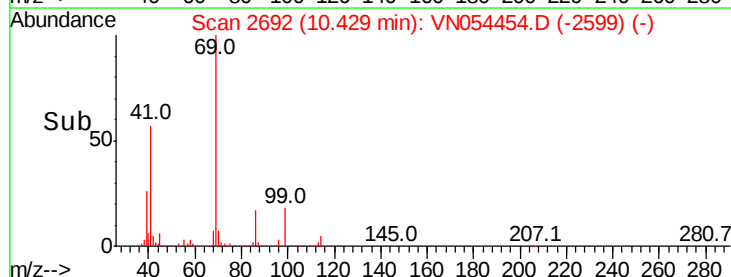
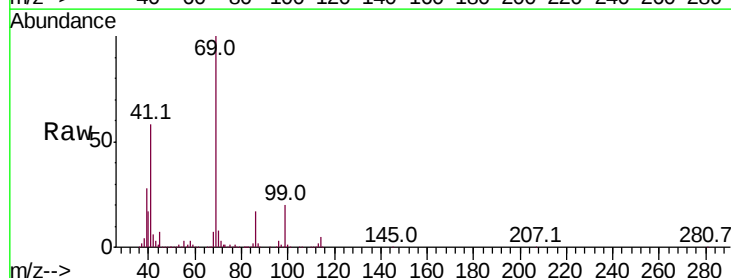
Tgt Ion: 69 Resp: 824392

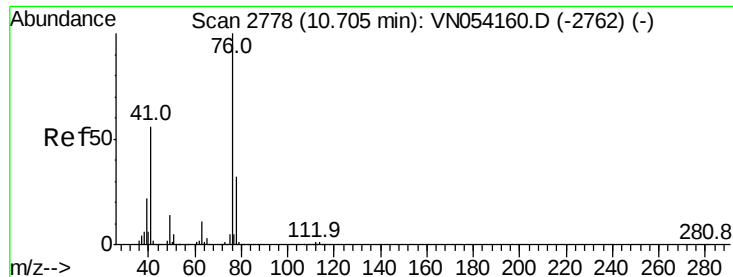
Ion Ratio Lower Upper

69 100

41 56.6 49.4 74.2

39 27.8 28.3 42.5#





#57

1,3-Dichloropropane

Concen: 53.318 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. 0.00 min

Lab File: VN054454.D

Acq: 19 Mar 2019 21:34

Instrument :

MSVOA_N

ClientSampleId :

T11-MW-3-8.0-031519MSD

Tot Ion: 76 Resp: 1075871

Ion Ratio Lower Upper

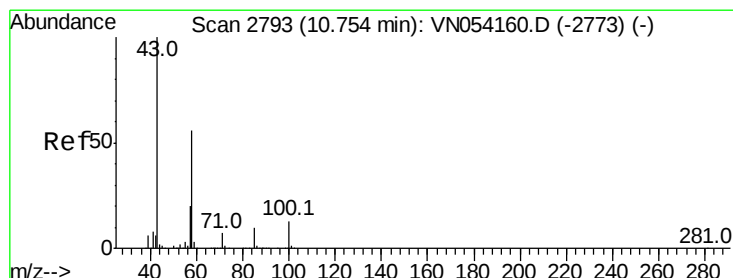
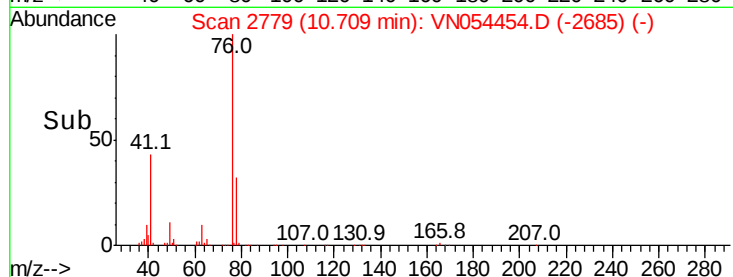
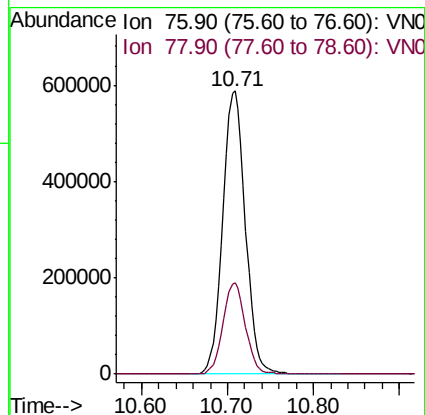
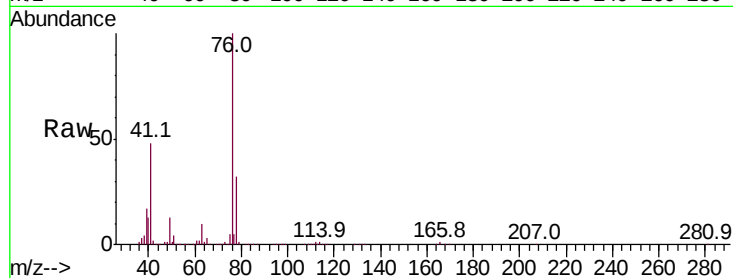
76 100

78 32.0 25.7 38.5

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#59

2-Hexanone

Concen: 250.256 ug/l

RT: 10.75 min Scan# 2793

Delta R.T. 0.00 min

Lab File: VN054454.D

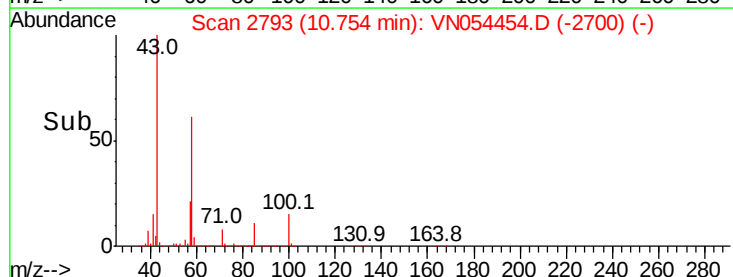
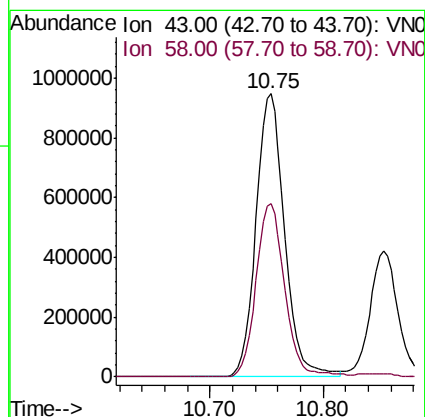
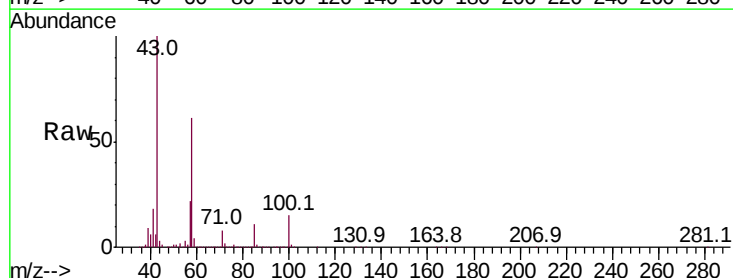
Acq: 19 Mar 2019 21:34

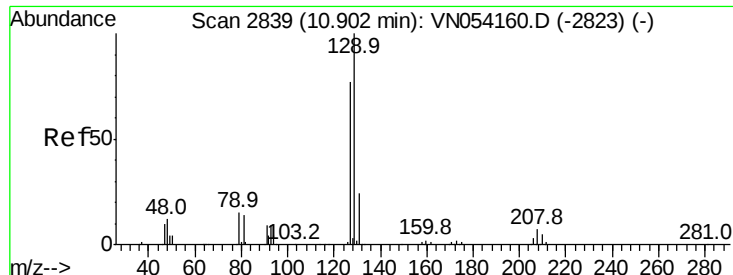
Tgt Ion: 43 Resp: 1655483

Ion Ratio Lower Upper

43 100

58 61.9 28.0 83.9





#60

Dibromochloromethane

Concen: 51.356 ug/l

RT: 10.90 min Scan# 2839

Delta R.T. 0.00 min

Lab File: VN054454.D

Acq: 19 Mar 2019 21:34

Instrument :

MSVOA_N

ClientSampleId :

T11-MW-3-8.0-031519MSD

Tot Ion:129 Resp: 713333

Ion Ratio Lower Upper

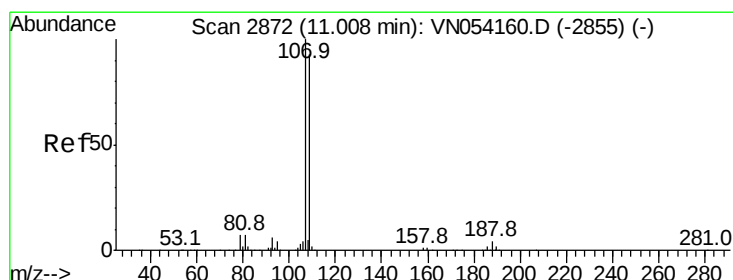
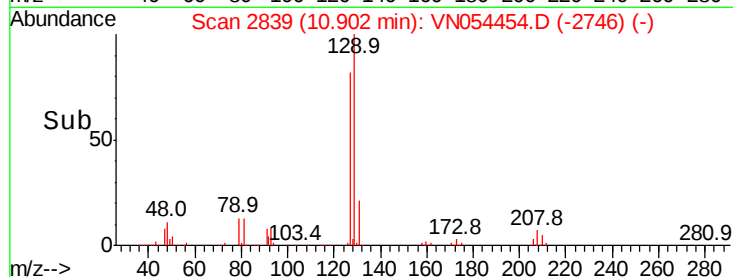
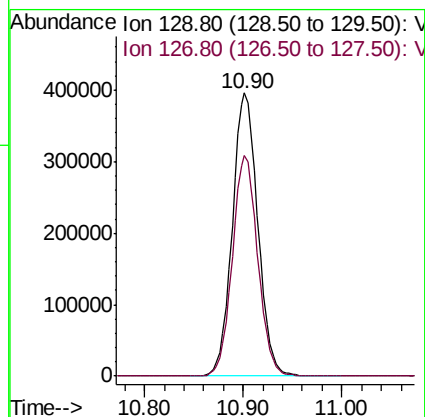
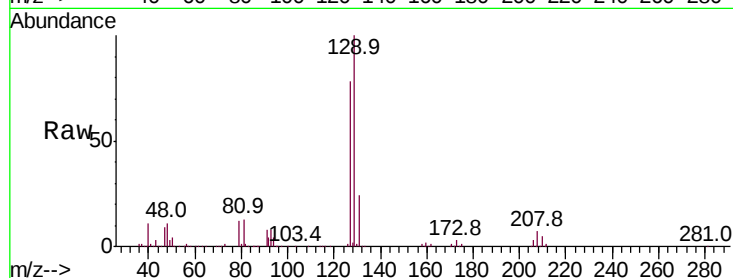
129 100

127 77.6 38.6 115.8

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#61

1,2-Dibromoethane

Concen: 52.499 ug/l

RT: 11.01 min Scan# 2872

Delta R.T. 0.00 min

Lab File: VN054454.D

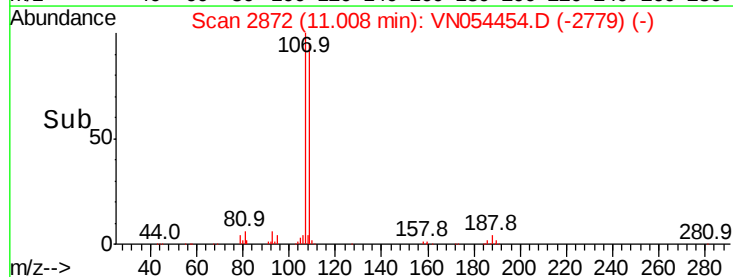
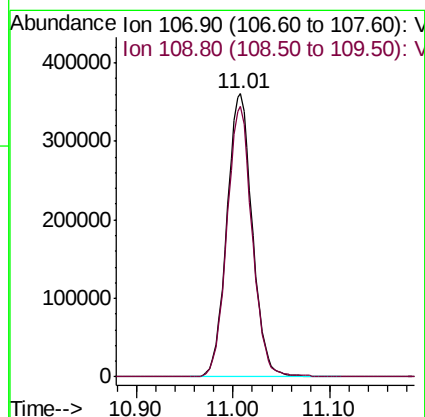
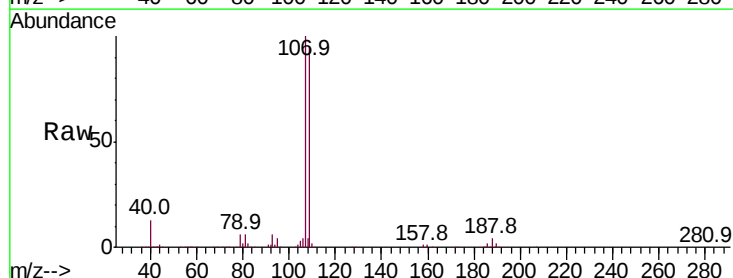
Acq: 19 Mar 2019 21:34

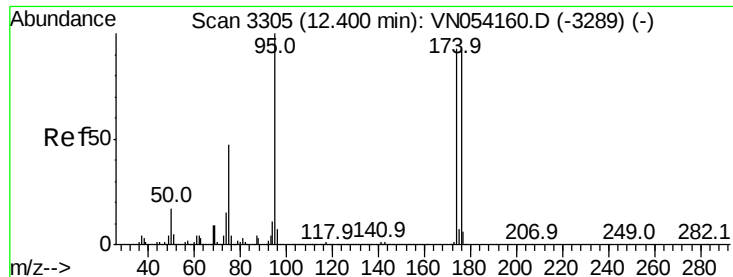
Tgt Ion:107 Resp: 658372

Ion Ratio Lower Upper

107 100

109 94.9 75.9 113.9





#62

4-Bromofluorobenzene

Concen: 49.231 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN054454.D

Acq: 19 Mar 2019 21:34

Instrument :

MSVOA_N

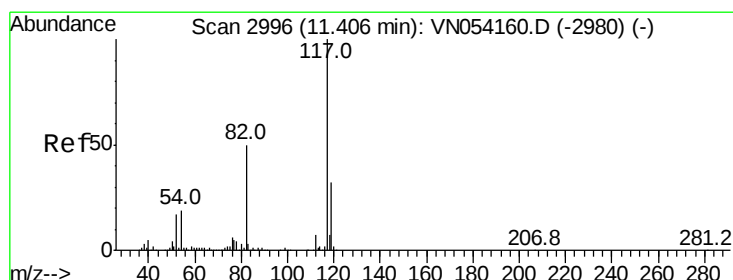
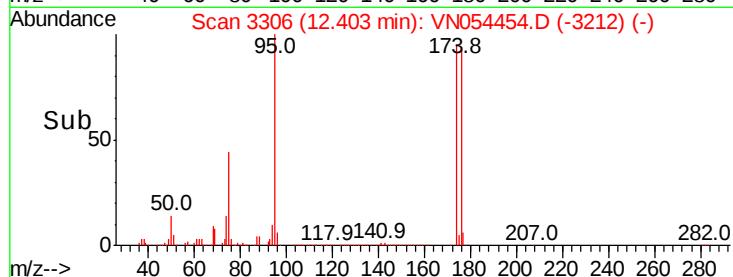
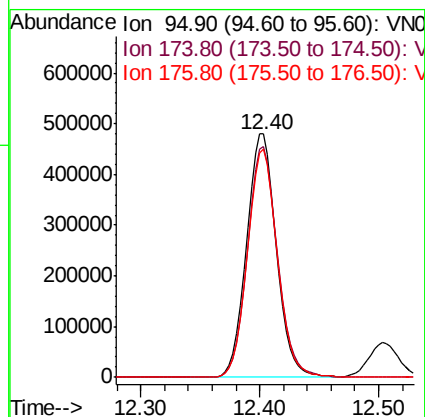
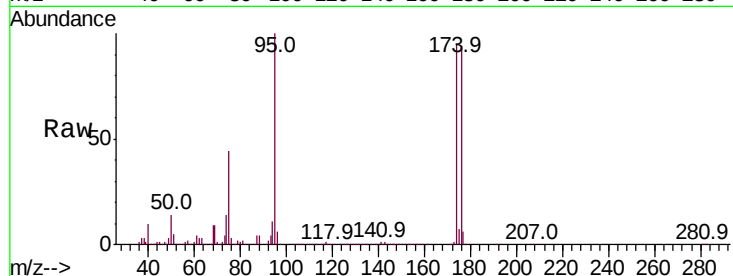
ClientSampleId :

T11-MW-3-8.0-031519MSD

Tot Ion:	95	Resp:	829889
Ion Ratio	Lower	Upper	
95	100		
174	95.3	0.0	191.0
176	94.1	0.0	187.4

Manual Integrations
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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

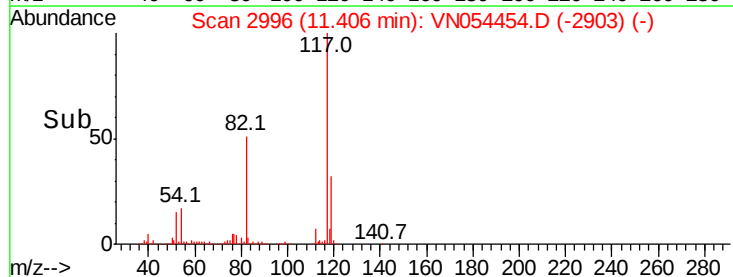
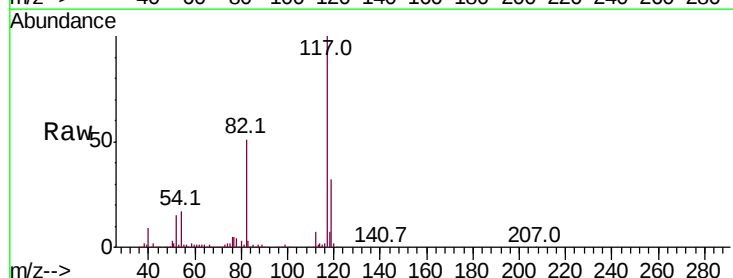
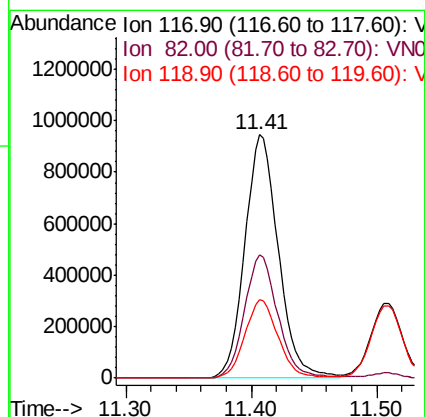
RT: 11.41 min Scan# 2996

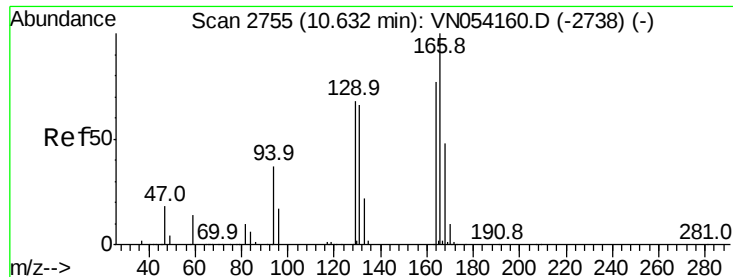
Delta R.T. 0.00 min

Lab File: VN054454.D

Acq: 19 Mar 2019 21:34

Tgt Ion:	117	Resp:	1754898
Ion Ratio	Lower	Upper	
117	100		
82	50.8	40.0	60.0
119	32.0	25.8	38.6





#64

Tetrachloroethene

Concen: 42.722 ug/l

RT: 10.63 min Scan# 2755

Delta R.T. 0.00 min

Lab File: VN054454.D

Acq: 19 Mar 2019 21:34

Instrument :

MSVOA_N

ClientSampleId :

T11-MW-3-8.0-031519MSD

Tot Ion:164 Resp: 724871

Ion Ratio Lower Upper

164 100

166 127.6 103.9 155.9

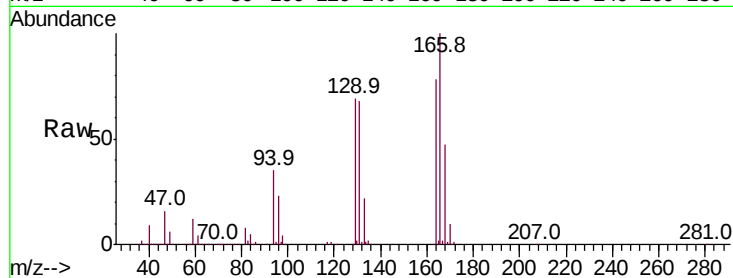
129 87.4 71.1 106.7

131 86.2 68.2 102.4

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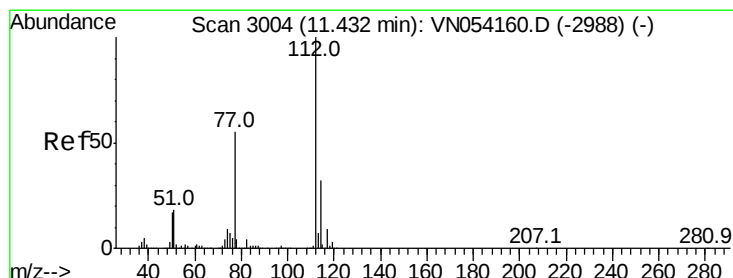
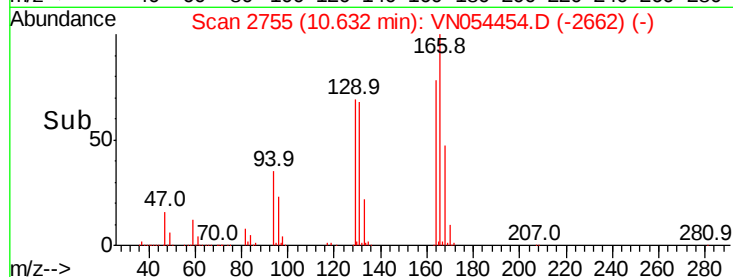
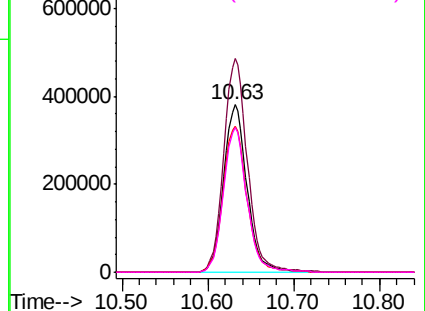
Abundance

Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 53.050 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. 0.00 min

Lab File: VN054454.D

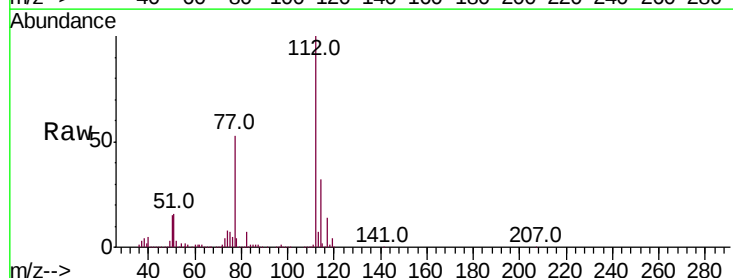
Acq: 19 Mar 2019 21:34

Tgt Ion:112 Resp: 2044172

Ion Ratio Lower Upper

112 100

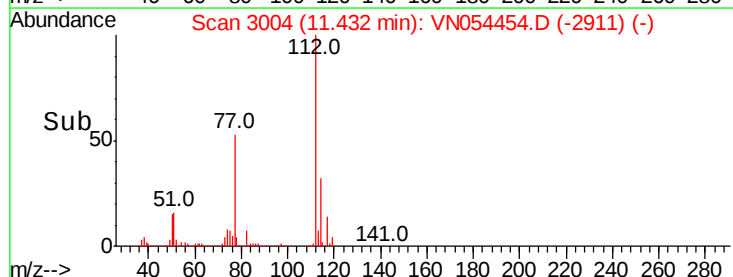
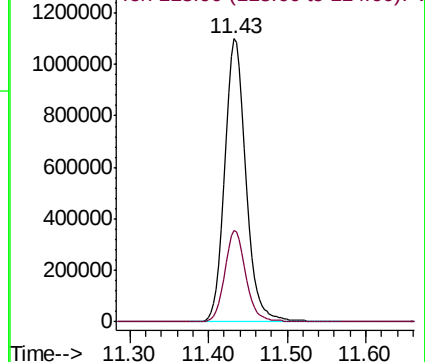
114 32.4 25.9 38.9

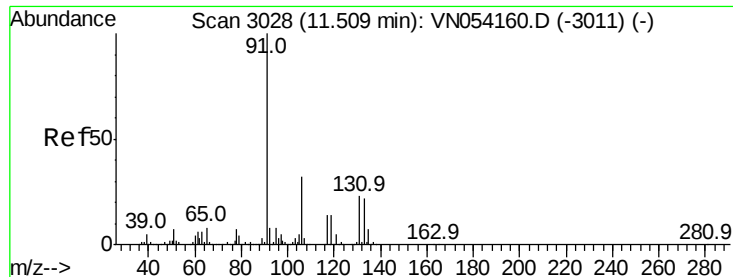


Abundance

Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 53.231 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN054454.D

Acq: 19 Mar 2019 21:34

Instrument :

MSVOA_N

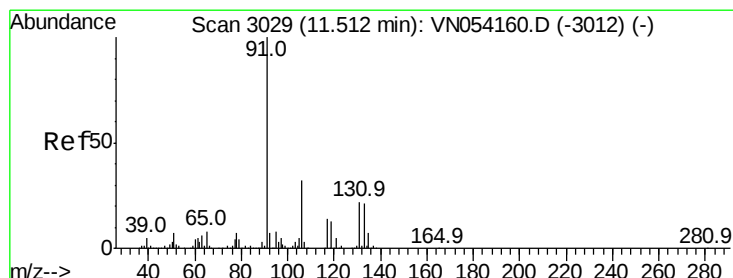
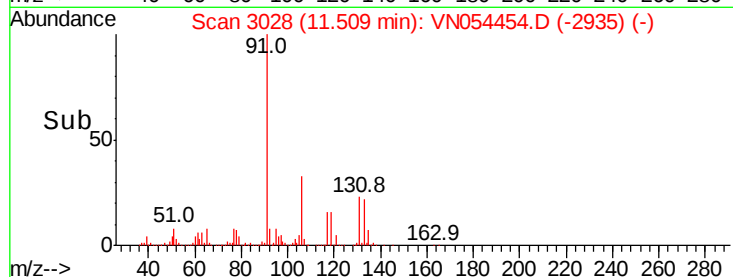
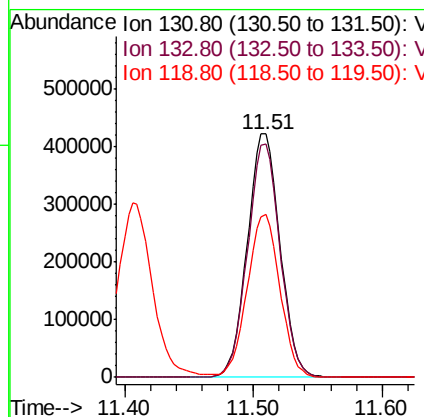
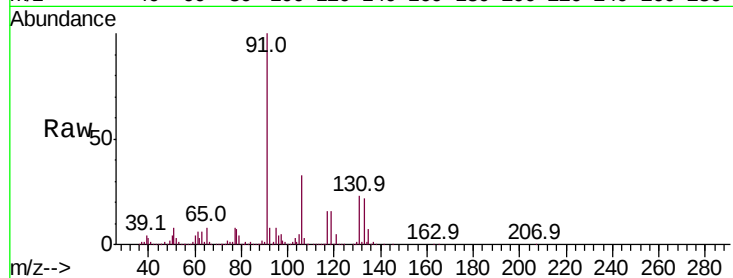
ClientSampleId :

T11-MW-3-8.0-031519MSD

Tot Ion:	131	Resp:	745124
Ion Ratio	Lower	Upper	
131	100		
133	95.4	47.6	142.9
119	66.7	32.4	97.0

Manual Integrations
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#67

Ethyl Benzene

Concen: 51.112 ug/l

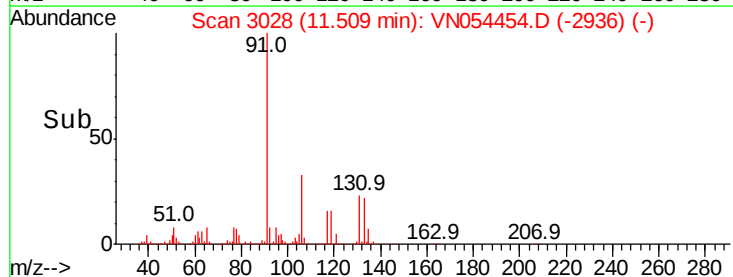
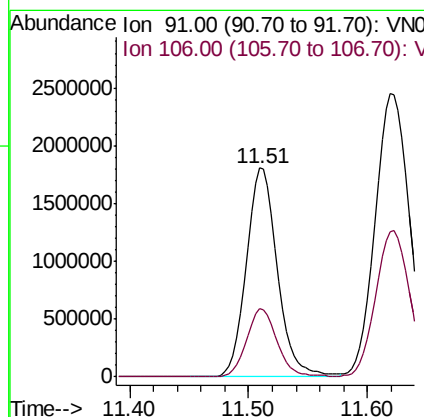
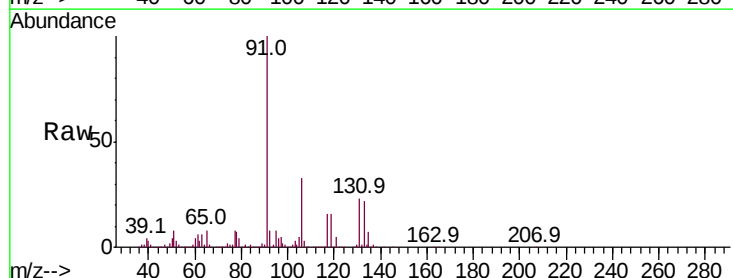
RT: 11.51 min Scan# 3028

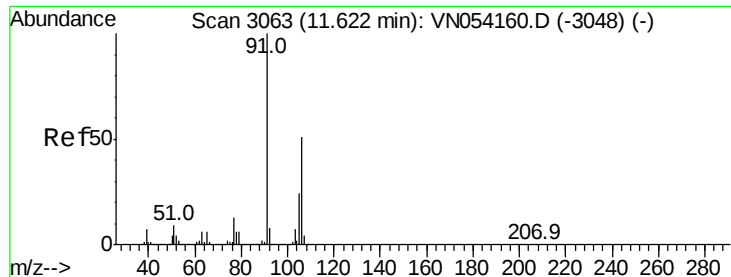
Delta R.T. -0.00 min

Lab File: VN054454.D

Acq: 19 Mar 2019 21:34

Tgt Ion:	91	Resp:	3264750
Ion Ratio	Lower	Upper	
91	100		
106	32.5	25.5	38.3





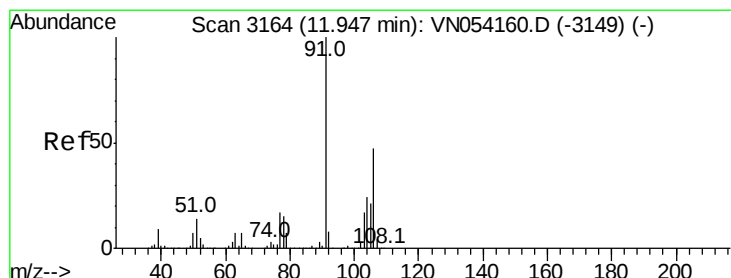
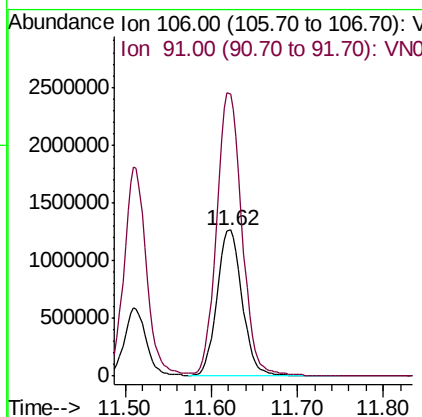
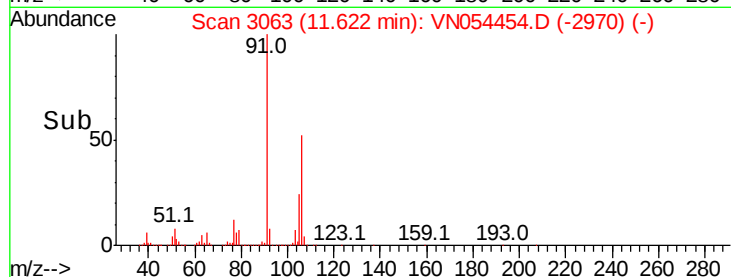
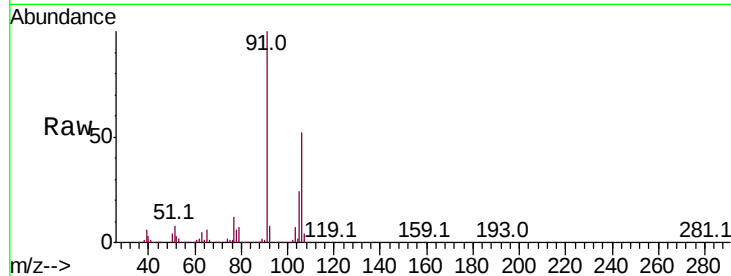
#68
m/p-Xylenes
Concen: 103.488 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN054454.D
Acq: 19 Mar 2019 21:34

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

Tot Ion:106 Resp: 2583602
Ion Ratio Lower Upper
106 100
91 194.6 159.4 239.2

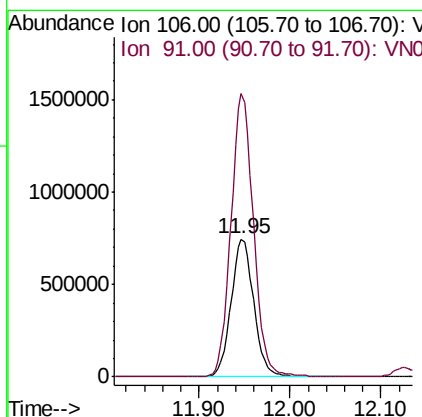
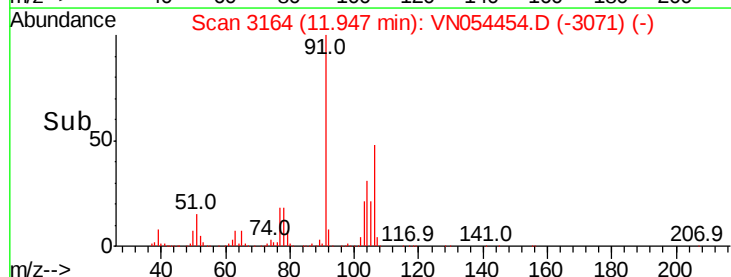
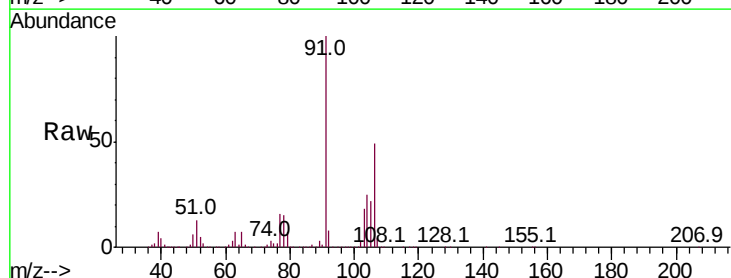
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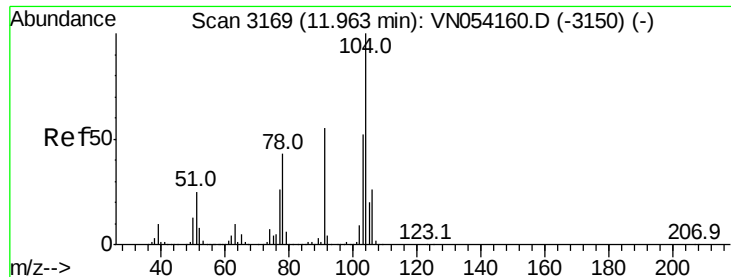
MMDadoda
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#69
o-Xylene
Concen: 53.005 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN054454.D
Acq: 19 Mar 2019 21:34

Tgt Ion:106 Resp: 1289974
Ion Ratio Lower Upper
106 100
91 204.5 105.7 317.1





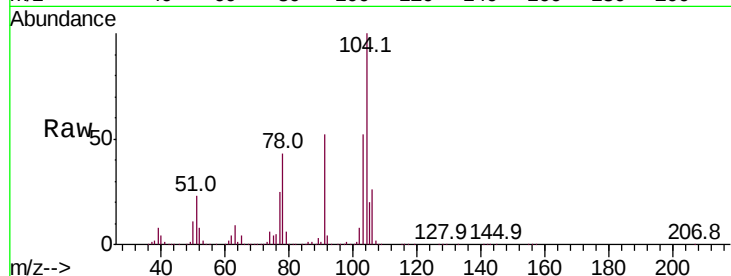
#70
Stvrene
Concen: 53.366 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN054454.D
Acq: 19 Mar 2019 21:34

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

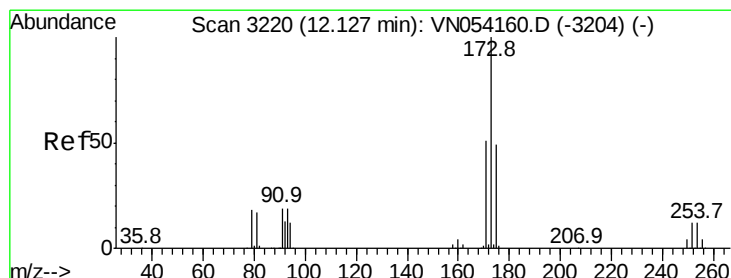
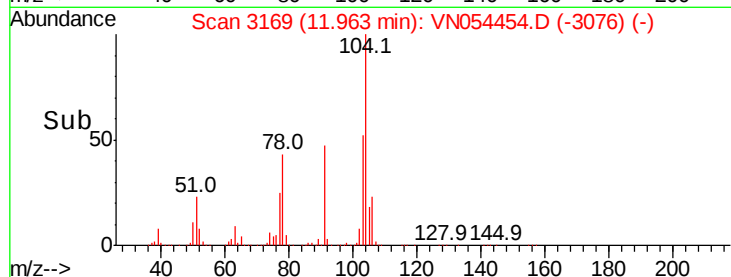
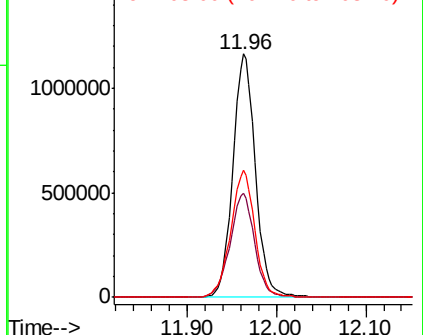
Tot Ion:104 Resp: 2036878
Ion Ratio Lower Upper
104 100
78 46.5 38.2 57.2
103 55.7 44.4 66.6

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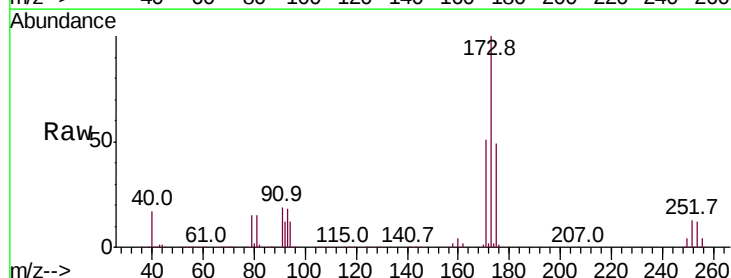


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V

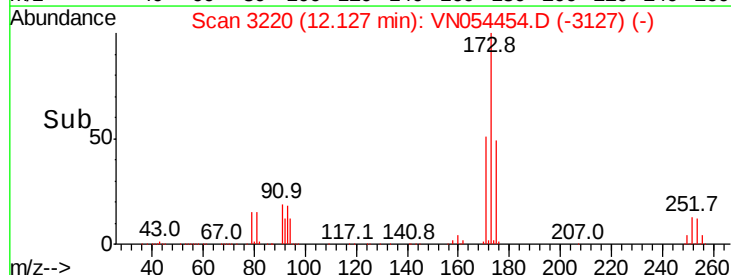
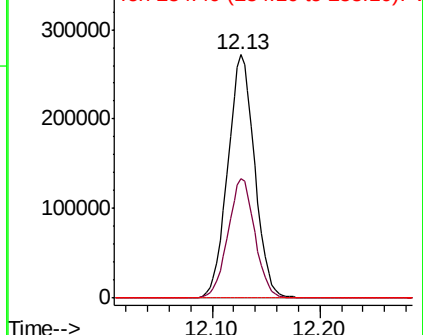


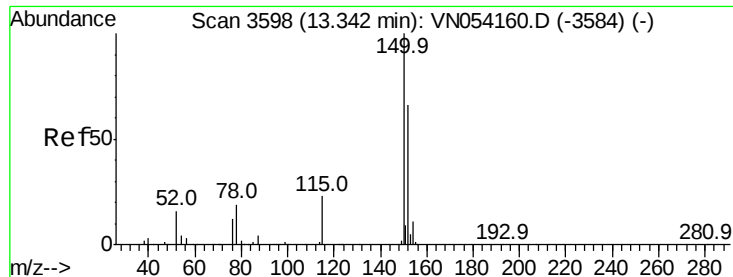
#71
Bromoform
Concen: 44.534 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN054454.D
Acq: 19 Mar 2019 21:34

Tgt Ion:173 Resp: 472323
Ion Ratio Lower Upper
173 100
175 49.2 24.4 73.2
254 0.1 0.1 0.1



Abundance Ion 172.70 (172.40 to 173.40): V
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: VN054454.D

Acq: 19 Mar 2019 21:34

Instrument :

MSVOA_N

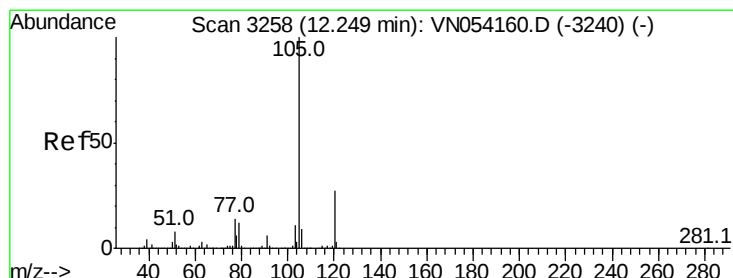
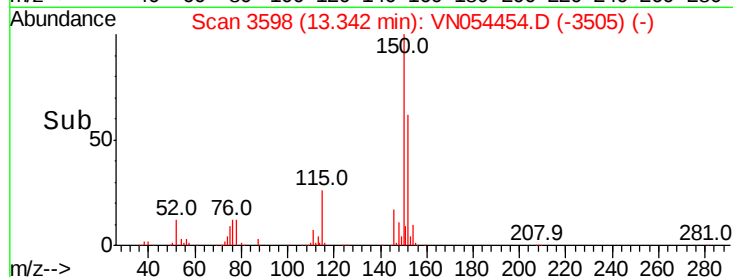
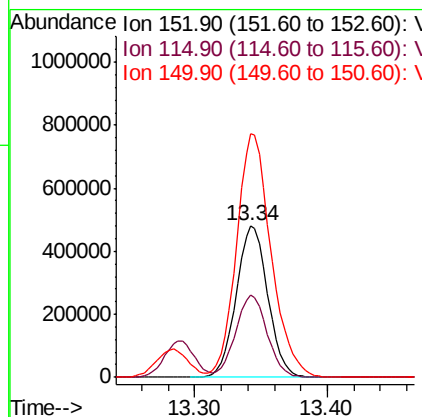
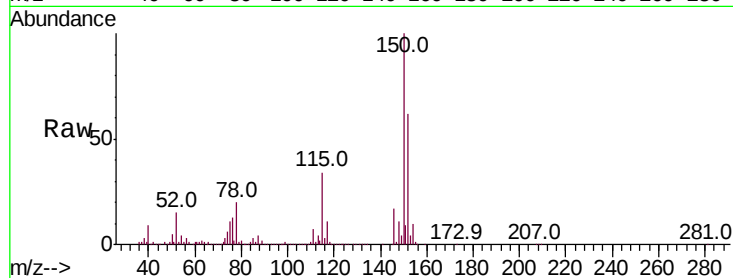
ClientSampleId :

T11-MW-3-8.0-031519MSD

Tot Ion:	152	Resp:	792404
Ion Ratio	Lower	Upper	
152	100		
115	54.3	27.2	81.6
150	175.8	0.0	349.2

Manual Integrations
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#73

Isopropylbenzene

Concen: 51.598 ug/l

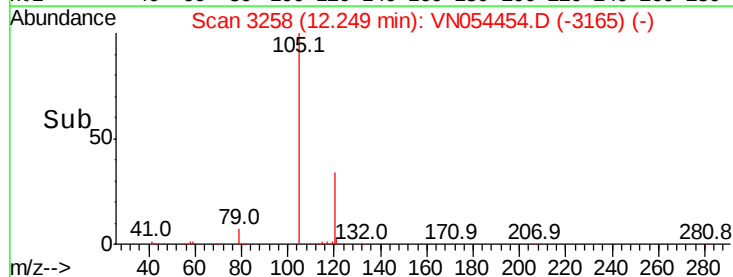
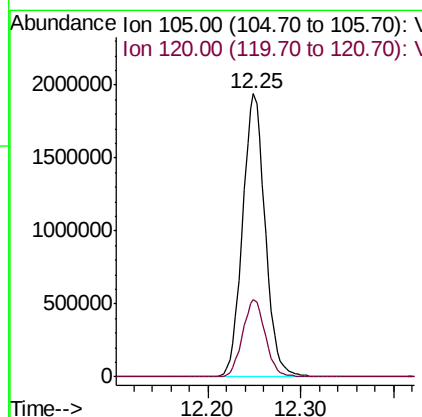
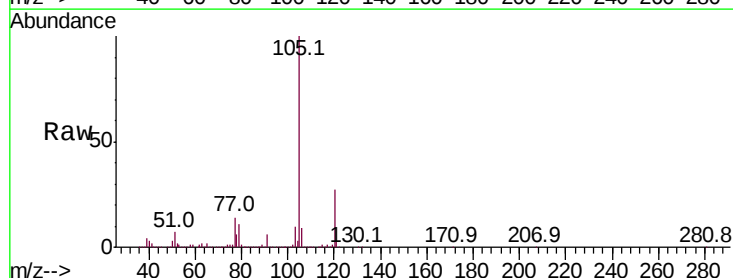
RT: 12.25 min Scan# 3258

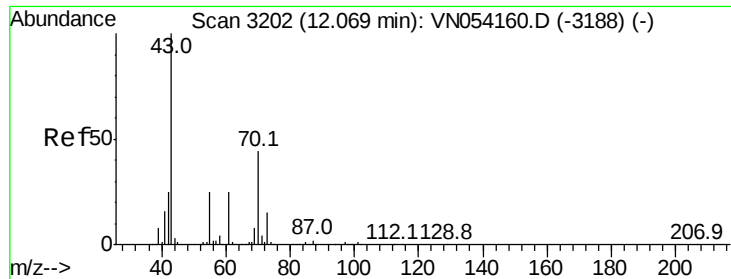
Delta R.T. 0.00 min

Lab File: VN054454.D

Acq: 19 Mar 2019 21:34

Tgt Ion:	105	Resp:	3271155
Ion Ratio	Lower	Upper	
105	100		
120	27.7	13.8	41.3





#74

N-amvl acetate

Concen: 54.383 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN054454.D

Acq: 19 Mar 2019 21:34

Instrument :

MSVOA_N

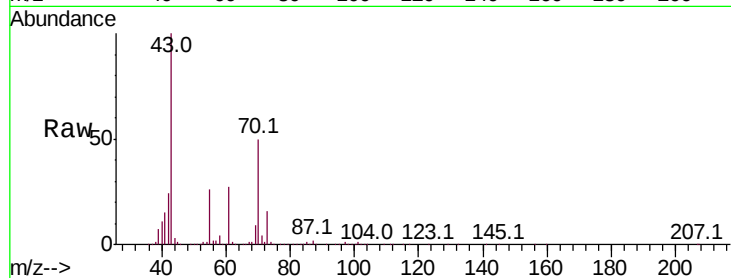
ClientSampleId :

T11-MW-3-8.0-031519MSD

Tot Ion	43	Resp	765287
Ion Ratio	Lower	Upper	
43	100		
70	49.6	35.4	53.0
55	26.7	19.8	29.6
61	27.2	19.8	29.6

Manual Integrations
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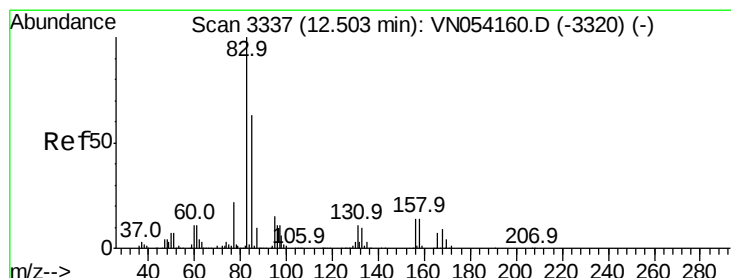
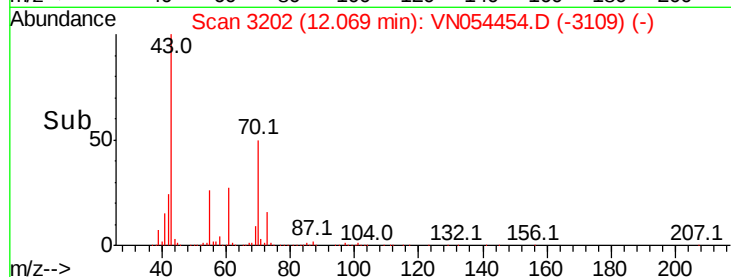
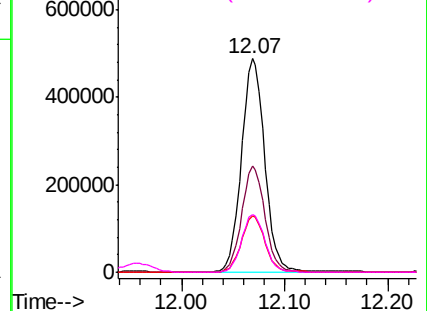


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#75

1,1,2,2-Tetrachloroethane

Concen: 57.452 ug/l

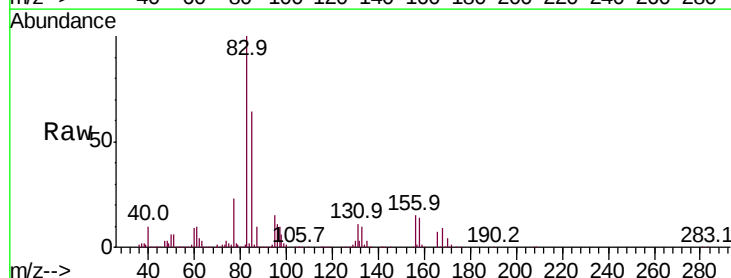
RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN054454.D

Acq: 19 Mar 2019 21:34

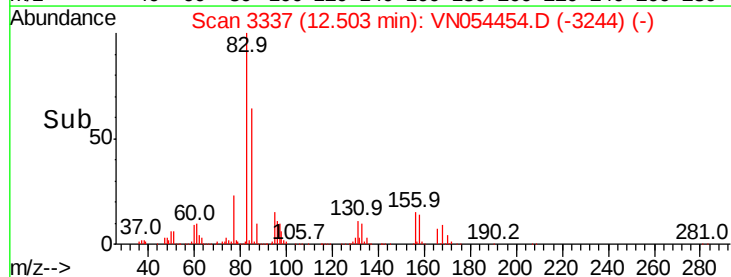
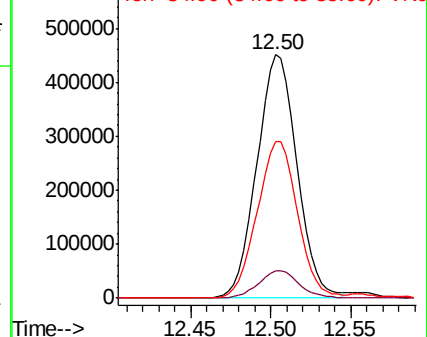
Tgt Ion	83	Resp	776011
Ion Ratio	Lower	Upper	
83	100		
131	11.5	5.8	17.4
85	65.0	32.2	96.6

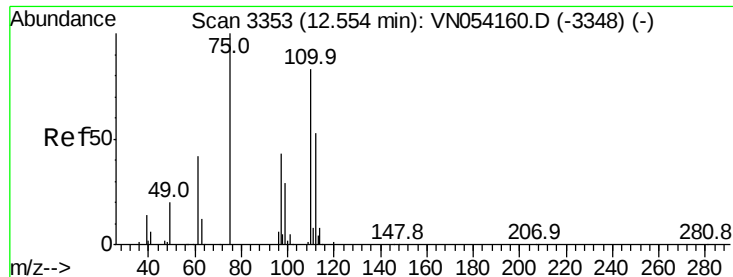


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0





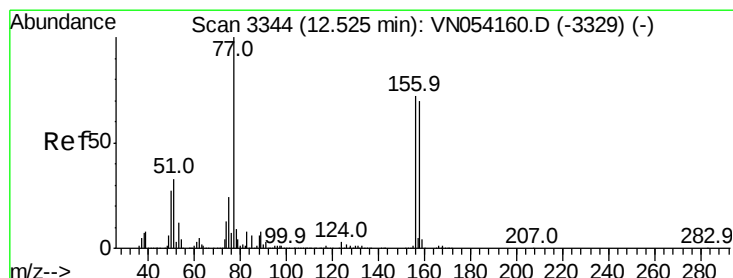
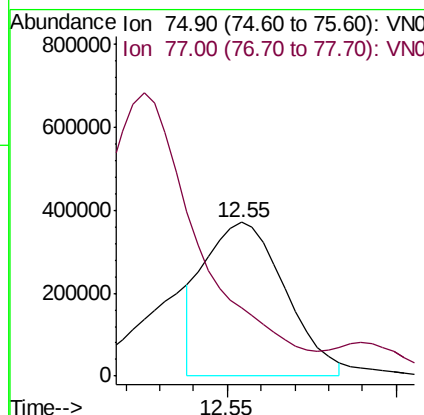
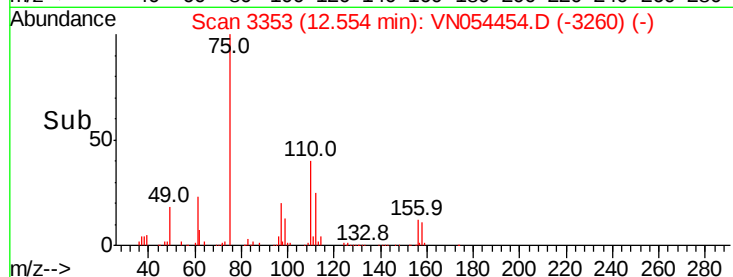
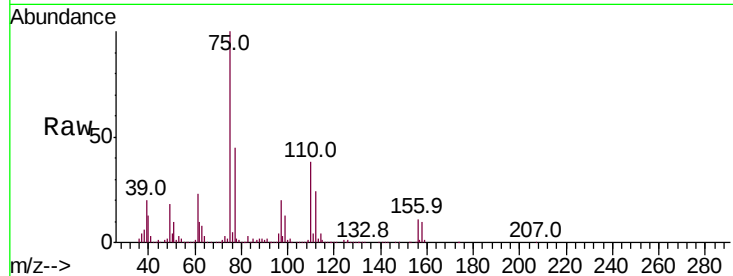
#76
1,2,3-Trichloropropane
Concen: 52.392 ug/l m
RT: 12.55 min Scan# 3353
Delta R.T. 0.00 min
Lab File: VN054454.D
Acq: 19 Mar 2019 21:34

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

Tot Ion: 75 Resp: 610508
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

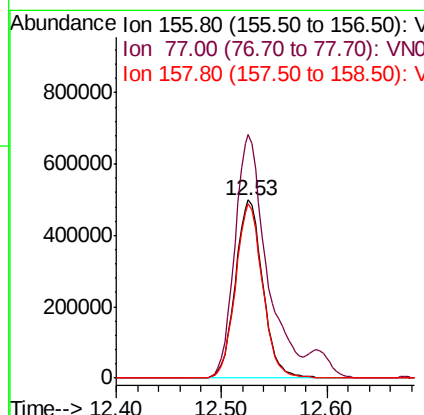
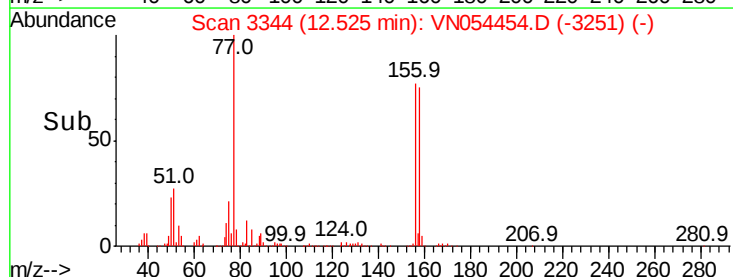
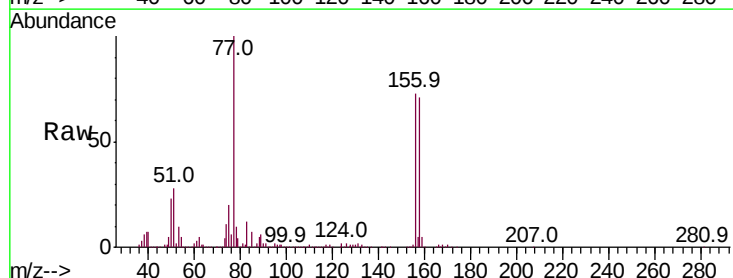
Manual Integrations
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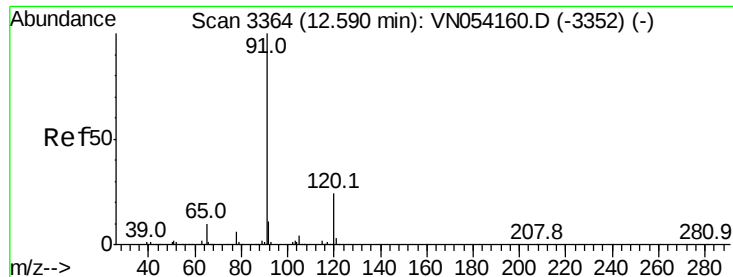
MMDadoda
3/20/2019 12:22:08 PM



#77
Bromobenzene
Concen: 53.572 ug/l
RT: 12.53 min Scan# 3344
Delta R.T. 0.00 min
Lab File: VN054454.D
Acq: 19 Mar 2019 21:34

Tgt Ion: 156 Resp: 898719
Ion Ratio Lower Upper
156 100
77 157.9 81.5 244.4
158 96.3 49.0 147.2





#78

n-propylbenzene

Concen: 50.012 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN054454.D

Acq: 19 Mar 2019 21:34

Instrument :

MSVOA_N

ClientSampleId :

T11-MW-3-8.0-031519MSD

Tot Ion: 91 Resp: 3440330

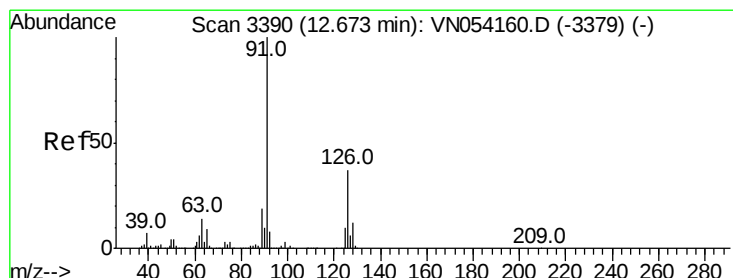
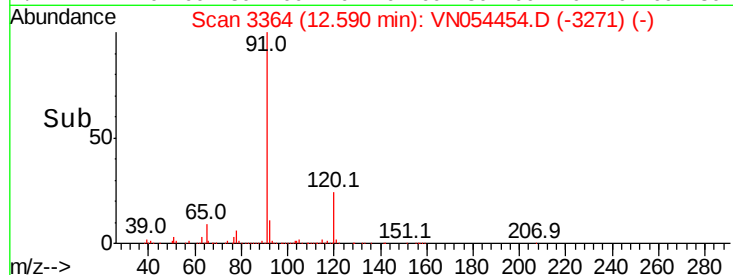
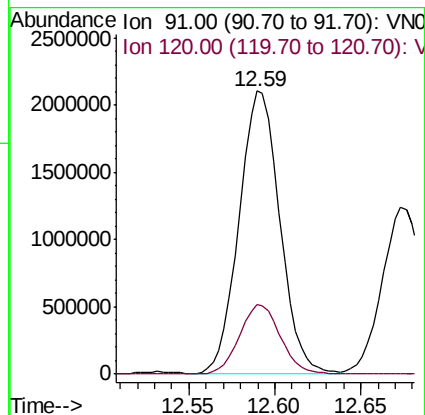
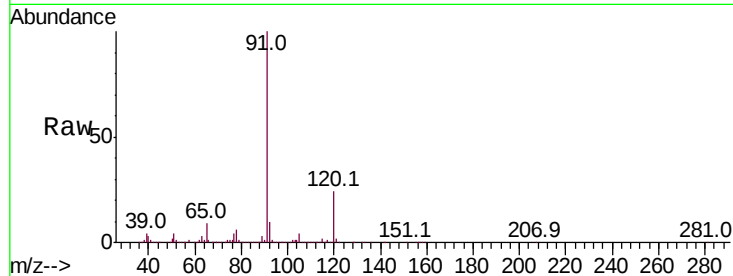
Ion Ratio Lower Upper

91 100

120 25.0 12.3 36.9

Manual Integrations
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#79

2-Chlorotoluene

Concen: 51.205 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN054454.D

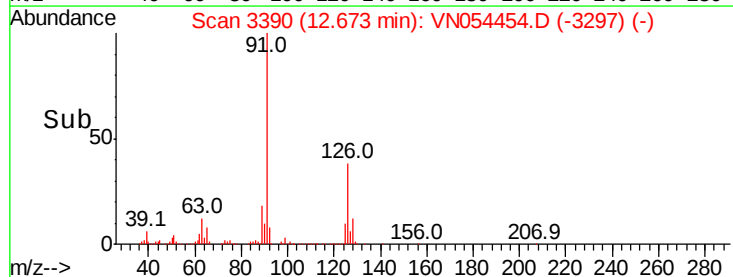
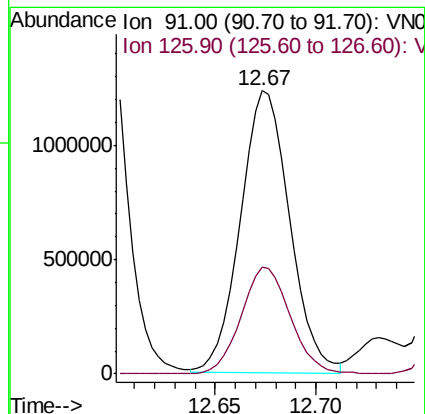
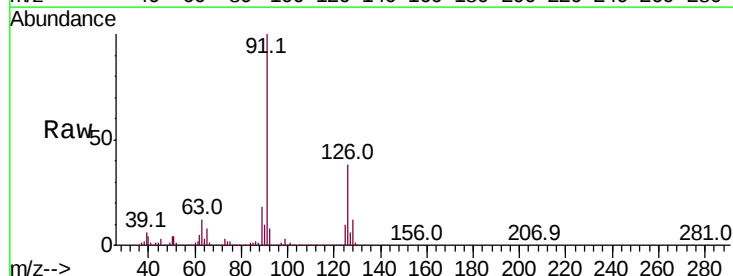
Acq: 19 Mar 2019 21:34

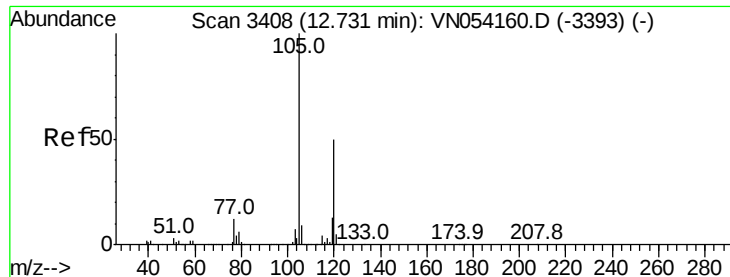
Tgt Ion: 91 Resp: 2117917

Ion Ratio Lower Upper

91 100

126 37.8 18.7 56.1





#80

1,3,5-Trimethylbenzene

Concen: 49.512 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN054454.D

Acq: 19 Mar 2019 21:34

Instrument :

MSVOA_N

ClientSampleId :

T11-MW-3-8.0-031519MSD

Tot Ion:105 Resp: 2610927

Ion Ratio Lower Upper

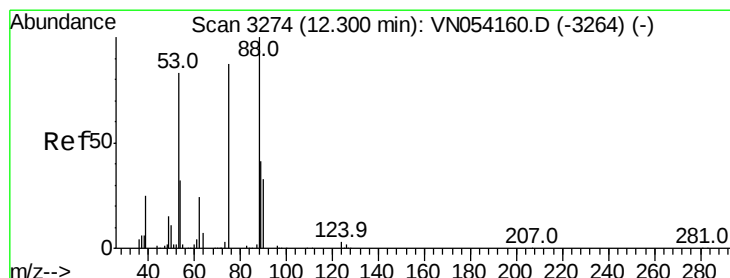
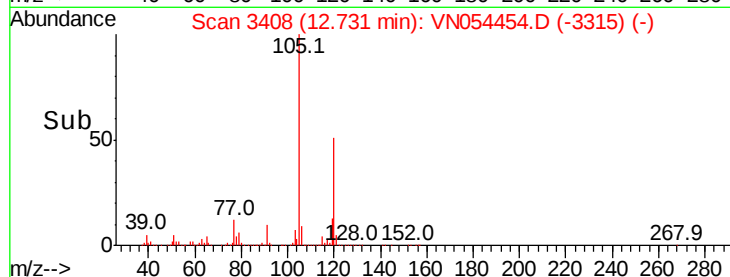
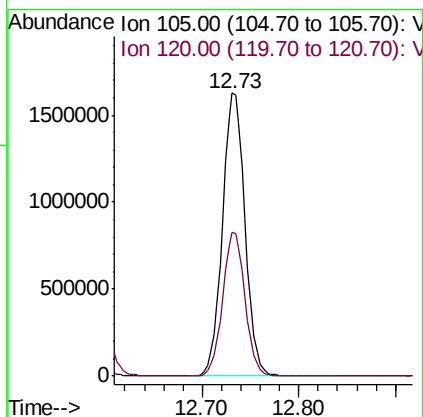
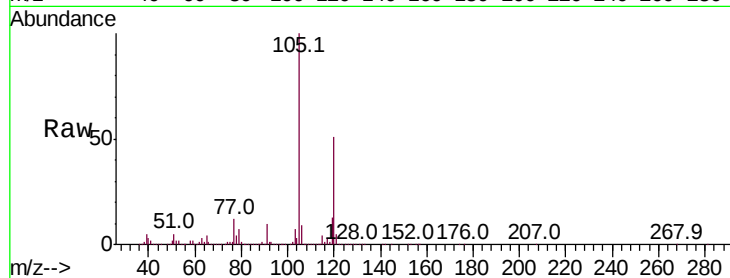
105 100

120 50.6 25.0 75.0

Manual Integrations
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#81

trans-1,4-Dichloro-2-butene

Concen: 44.272 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN054454.D

Acq: 19 Mar 2019 21:34

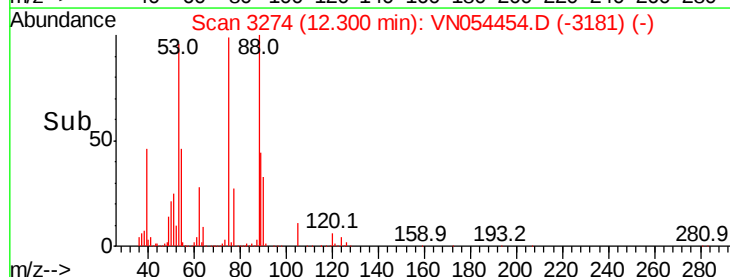
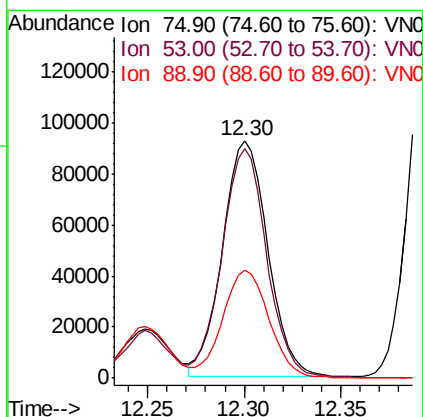
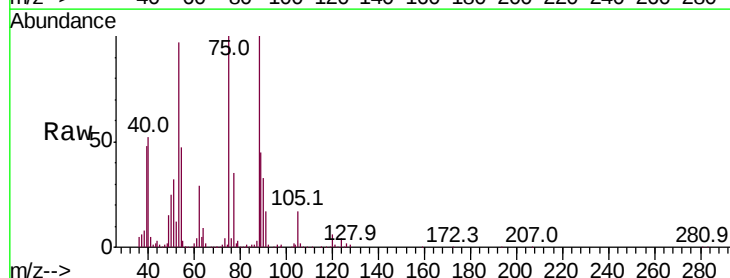
Tgt Ion: 75 Resp: 150913

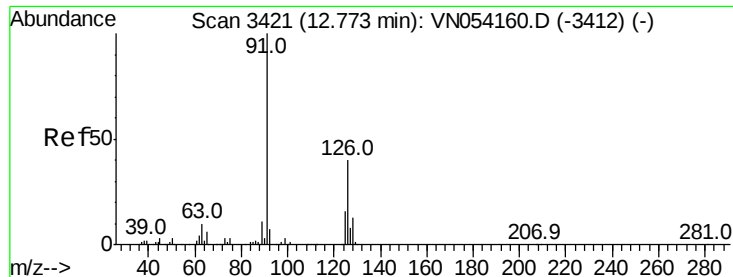
Ion Ratio Lower Upper

75 100

53 96.9 76.2 114.2

89 47.3 39.2 58.8





#82

4-Chlorotoluene

Concen: 51.157 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN054454.D

Acq: 19 Mar 2019 21:34

Instrument :

MSVOA_N

ClientSampleId :

T11-MW-3-8.0-031519MSD

Tot Ion: 91 Resp: 2112817

Ion Ratio Lower Upper

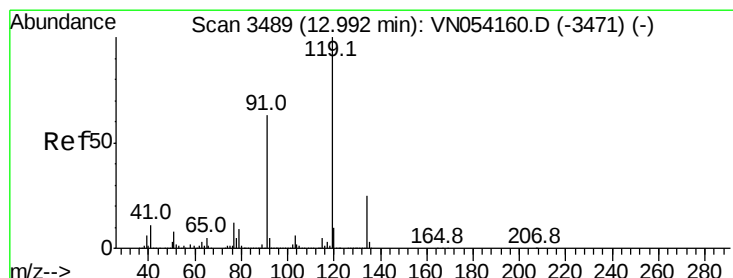
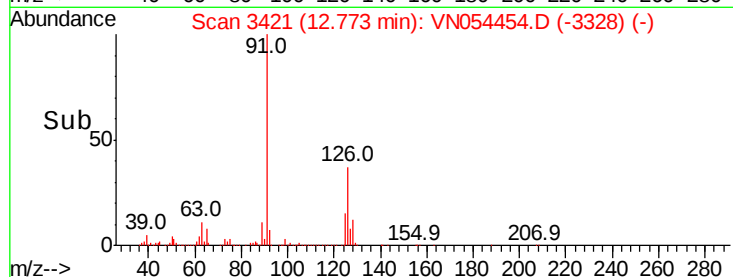
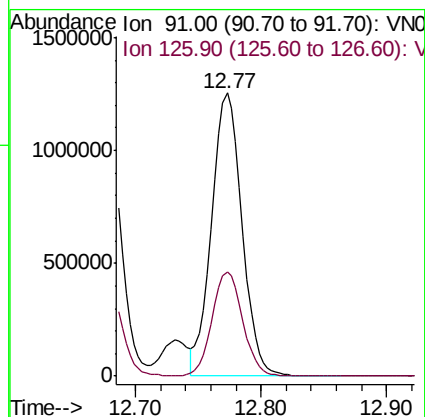
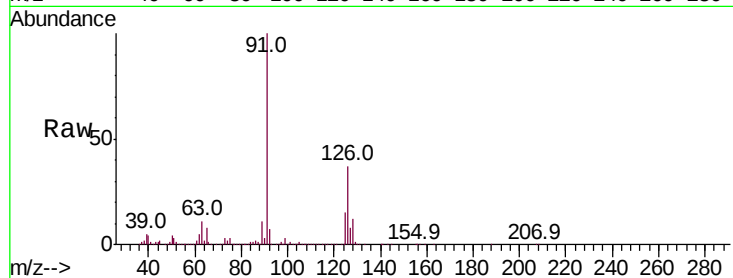
91 100

126 36.9 18.1 54.1

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#83

tert-Butylbenzene

Concen: 48.024 ug/l

RT: 12.99 min Scan# 3490

Delta R.T. 0.00 min

Lab File: VN054454.D

Acq: 19 Mar 2019 21:34

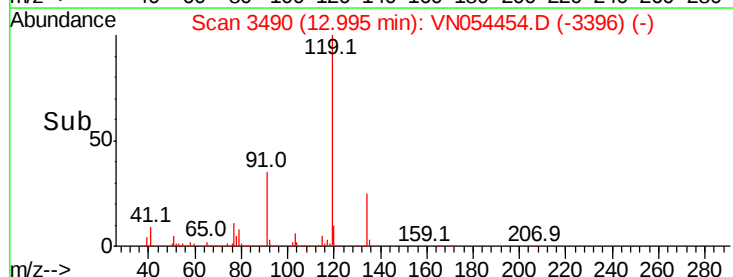
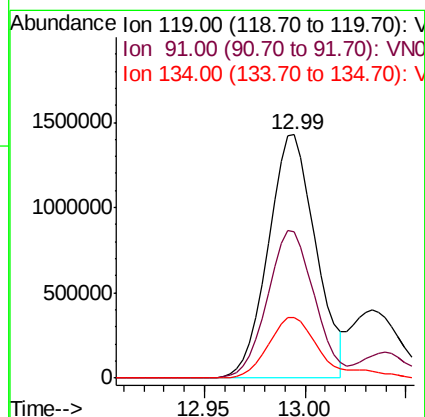
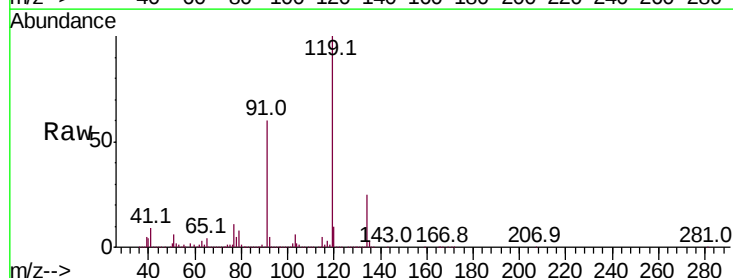
Tgt Ion: 119 Resp: 2330999

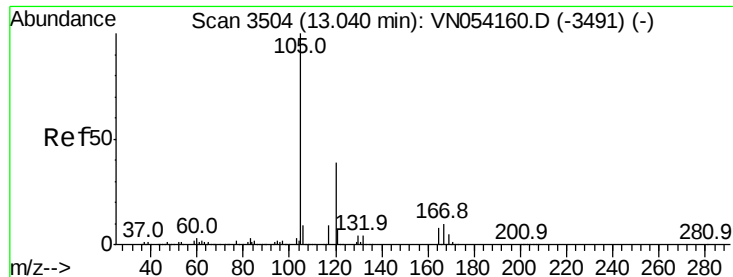
Ion Ratio Lower Upper

119 100

91 60.0 30.9 92.8

134 25.6 13.2 39.6





#84

1,2,4-Trimethylbenzene

Concen: 51.133 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN054454.D

Acq: 19 Mar 2019 21:34

Instrument :

MSVOA_N

ClientSampleId :

T11-MW-3-8.0-031519MSD

Tot Ion:105 Resp: 2645319

Ion Ratio Lower Upper

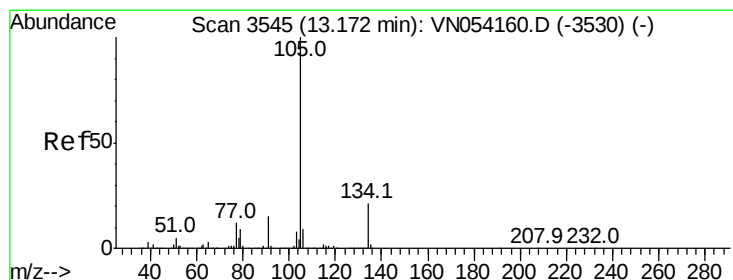
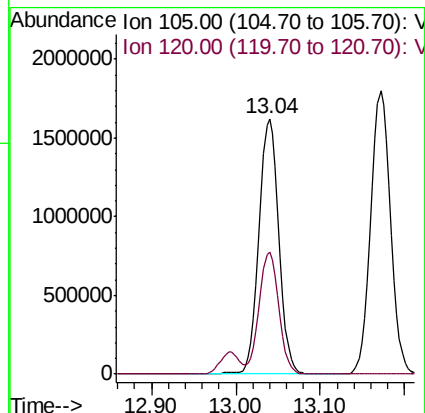
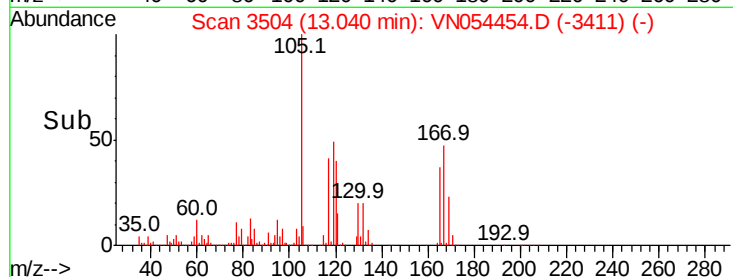
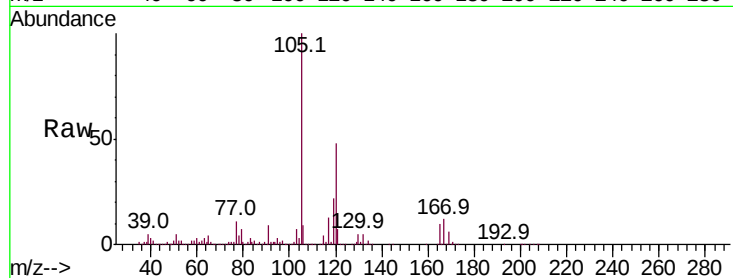
105 100

120 47.4 23.4 70.3

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#85

sec-Butylbenzene

Concen: 46.272 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN054454.D

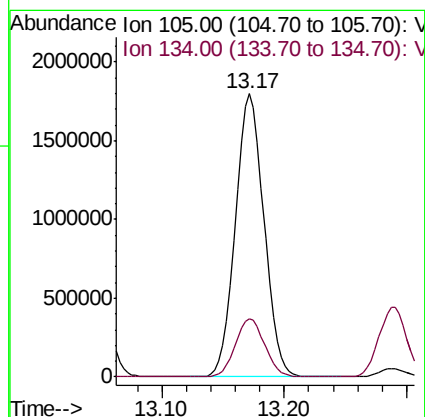
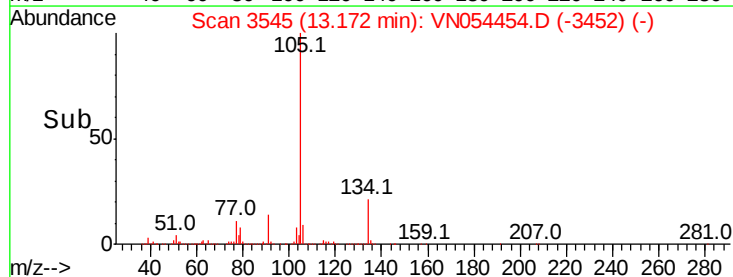
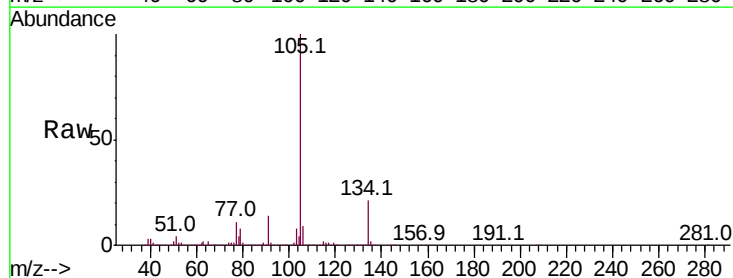
Acq: 19 Mar 2019 21:34

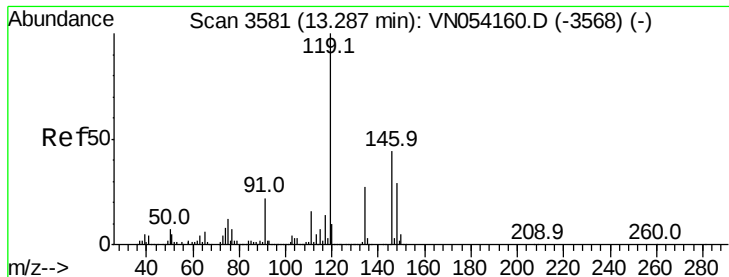
Tgt Ion:105 Resp: 2912693

Ion Ratio Lower Upper

105 100

134 21.1 10.7 32.1





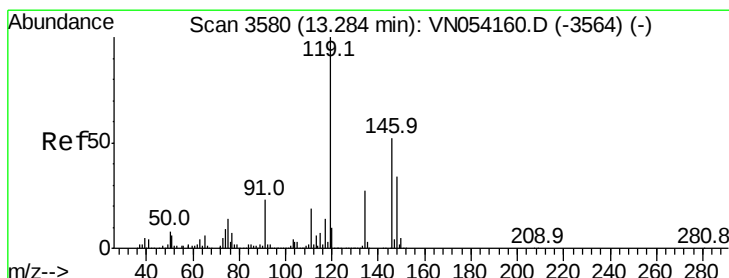
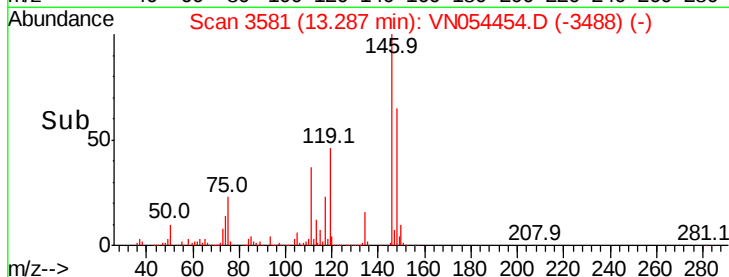
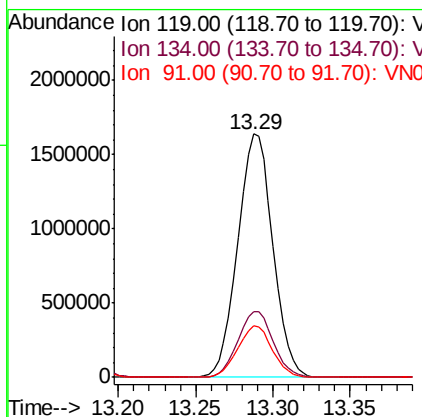
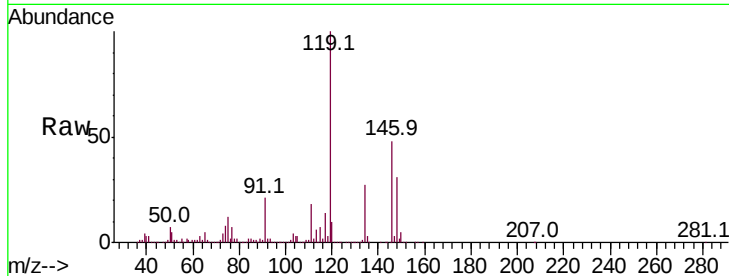
#86
 p-Isopropyltoluene
 Concen: 46.650 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN054454.D
 Acq: 19 Mar 2019 21:34

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

Tot Ion	Ratio	Lower	Upper
119	100		
134	27.1	13.6	40.8
91	20.8	11.1	33.3

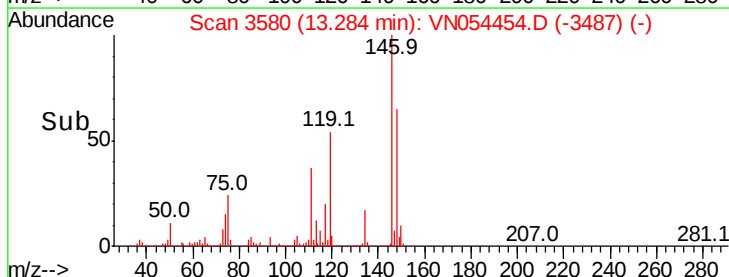
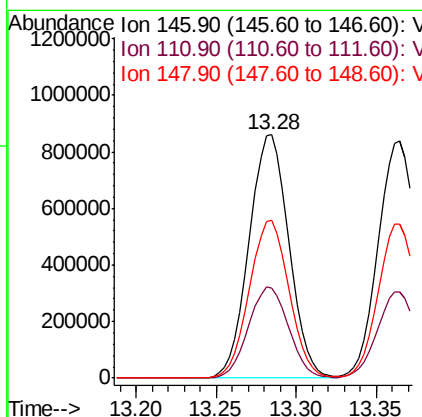
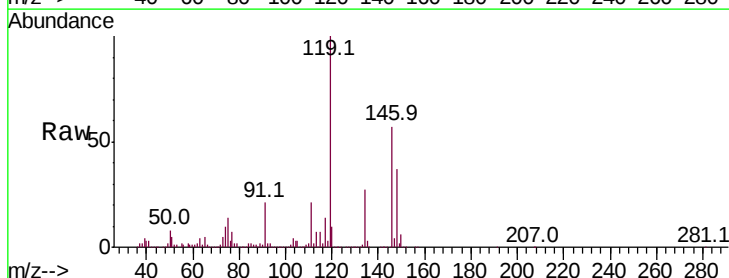
Manual Integrations
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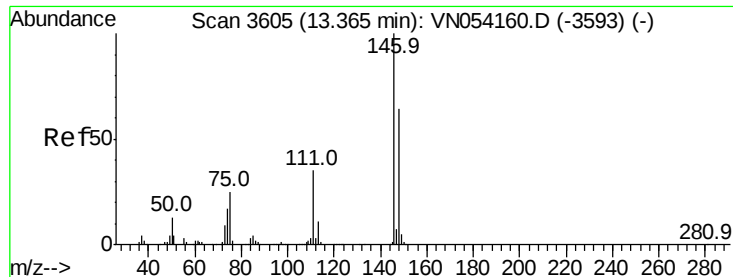
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#87
 1,3-Dichlorobenzene
 Concen: 51.808 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN054454.D
 Acq: 19 Mar 2019 21:34

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.8	56.3
148	64.9	32.2	96.6





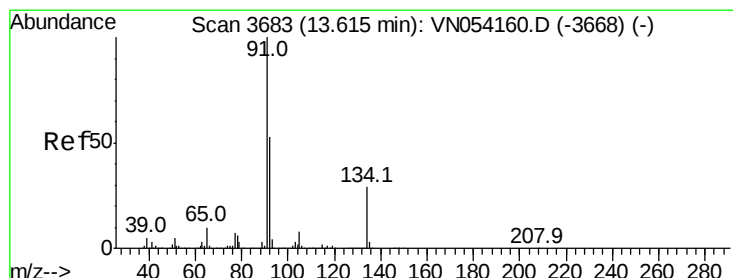
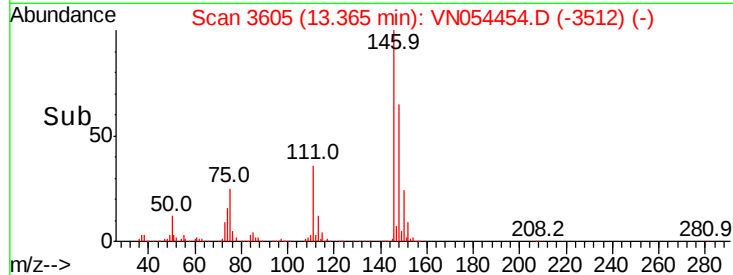
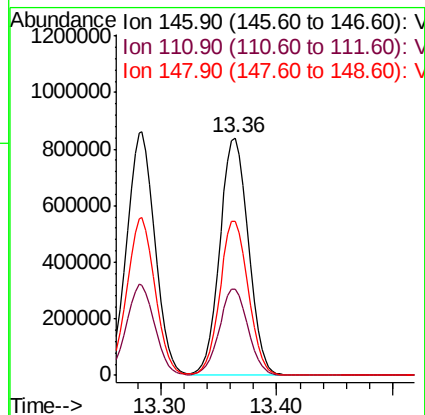
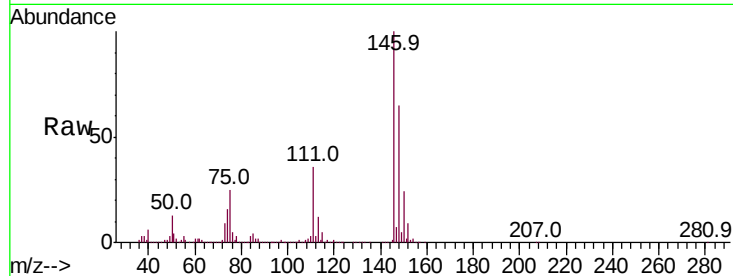
#88
1,4-Dichlorobenzene
Concen: 51.737 ug/l
RT: 13.36 min Scan# 3605
Delta R.T. 0.00 min
Lab File: VN054454.D
Acq: 19 Mar 2019 21:34

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

Tot Ion:146 Resp: 1436695
Ion Ratio Lower Upper
146 100
111 36.5 18.1 54.1
148 64.4 32.0 96.0

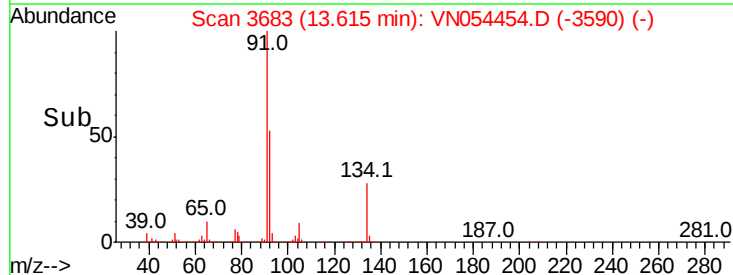
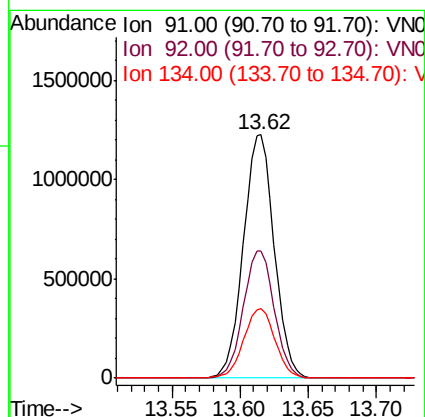
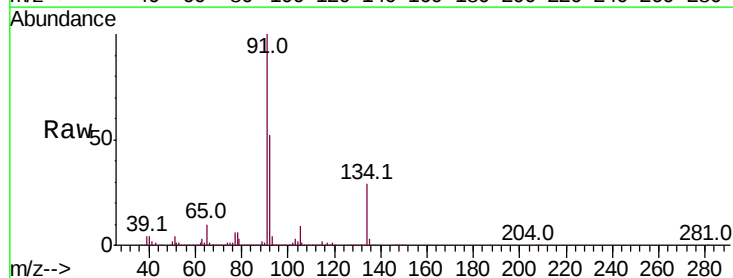
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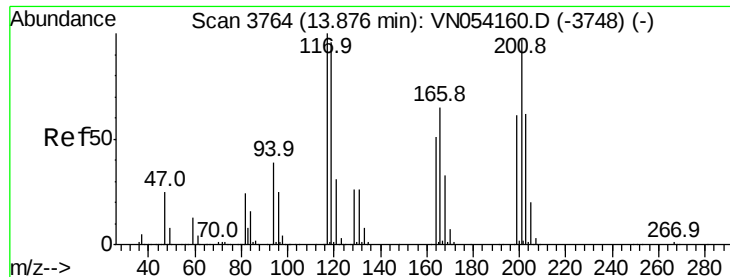
MMDadoda
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#89
n-Butylbenzene
Concen: 45.633 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN054454.D
Acq: 19 Mar 2019 21:34

Tgt Ion: 91 Resp: 1914730
Ion Ratio Lower Upper
91 100
92 52.7 26.2 78.6
134 29.0 14.3 42.9





#90

Hexachloroethane

Concen: 44.615 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. -0.00 min

Lab File: VN054454.D

Acq: 19 Mar 2019 21:34

Instrument :

MSVOA_N

ClientSampleId :

T11-MW-3-8.0-031519MSD

Tot Ion:117 Resp: 407961

Ion Ratio Lower Upper

117 100

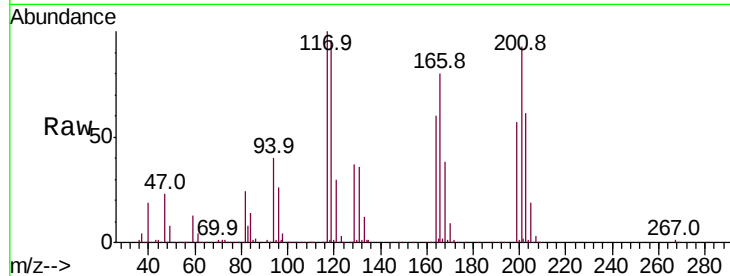
201 96.1 48.1 144.4

Manual Integrations

APPROVED

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Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

250000

200000

150000

100000

50000

0

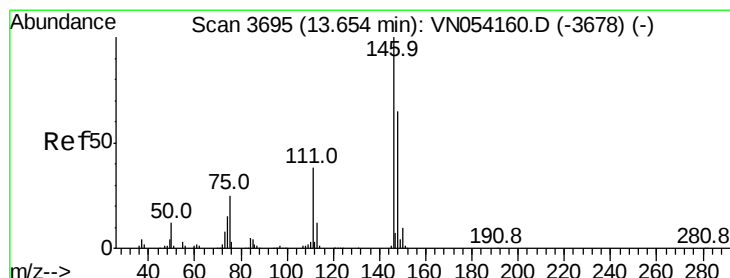
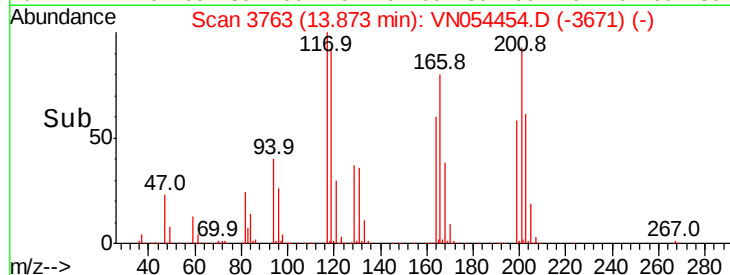
13.87

13.85

13.90

13.95

Time-->



#91

1,2-Dichlorobenzene

Concen: 52.816 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN054454.D

Acq: 19 Mar 2019 21:34

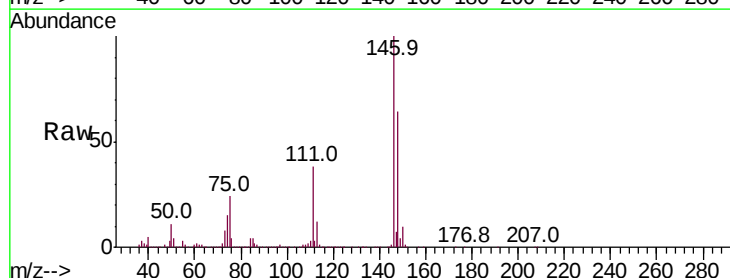
Tgt Ion:146 Resp: 1459528

Ion Ratio Lower Upper

146 100

111 38.1 19.1 57.3

148 64.0 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

1200000

1000000

800000

600000

400000

200000

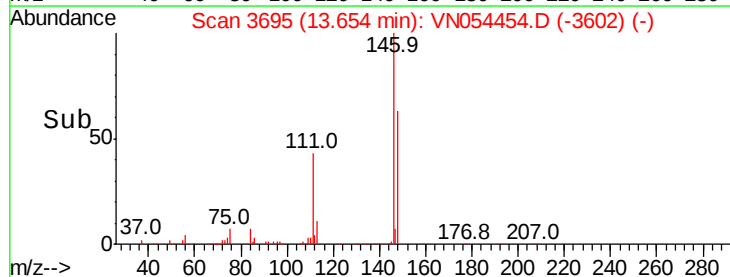
0

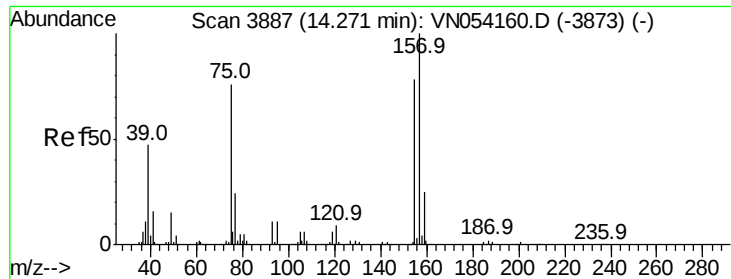
13.65

13.60

13.70

Time-->





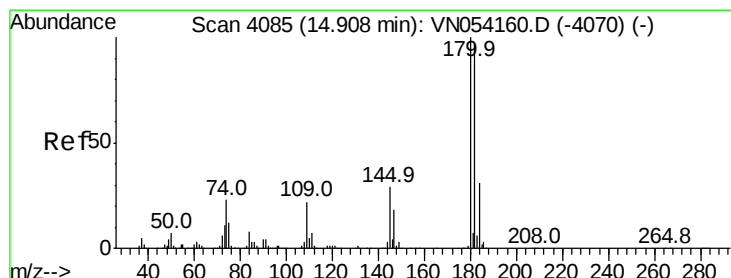
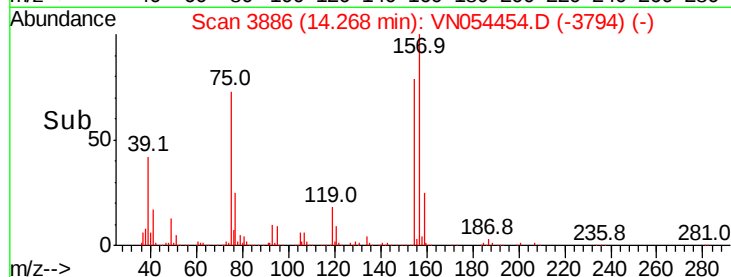
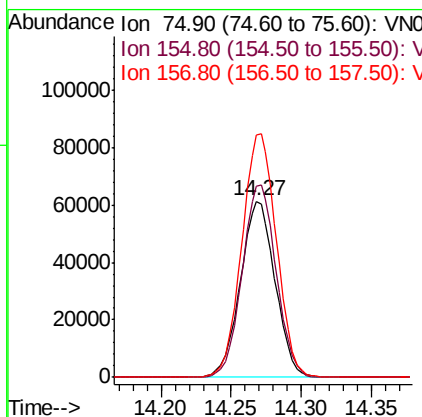
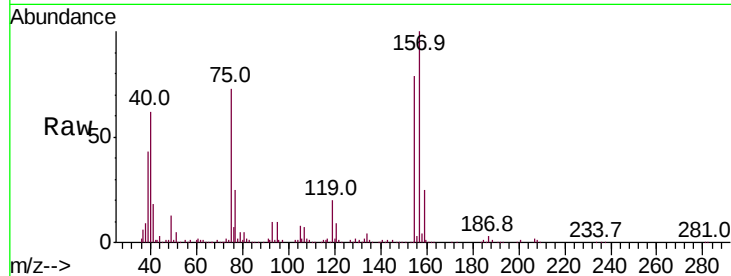
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.613 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. -0.00 min
 Lab File: VN054454.D
 Acq: 19 Mar 2019 21:34

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

Tot Ion	Ratio	Lower	Upper
75	100		
155	106.9	50.1	150.3
157	138.0	63.1	189.3

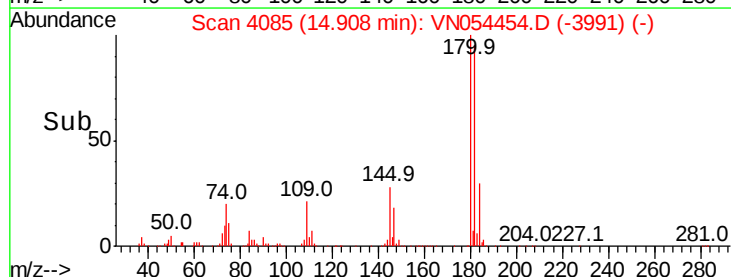
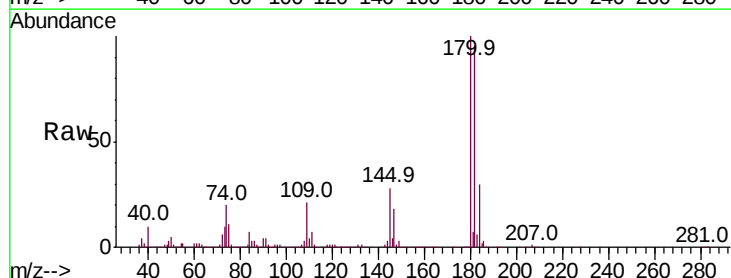
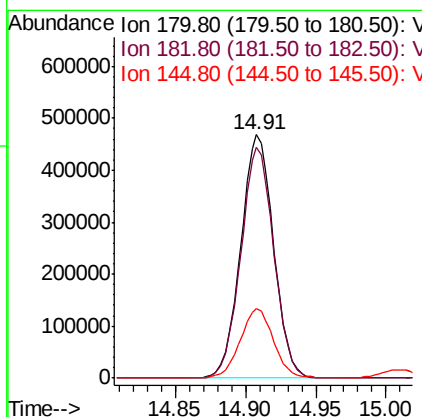
Manual Integrations
 APPROVED

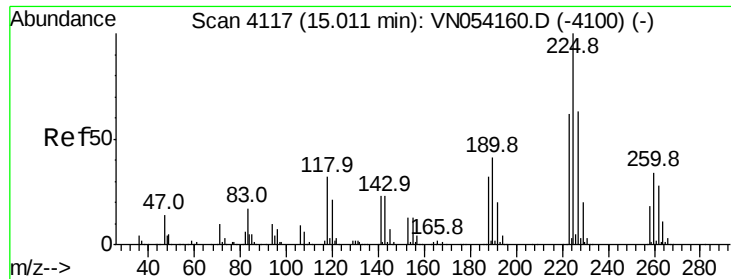
MMDadoda
 3/20/2019 12:22:08 PM



#93
 1,2,4-Trichlorobenzene
 Concen: 45.926 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN054454.D
 Acq: 19 Mar 2019 21:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	48.0	144.2
145	28.9	14.2	42.8





#94

Hexachlorobutadiene

Concen: 36.706 ug/l

RT: 15.01 min Scan# 4117

Delta R.T. 0.00 min

Lab File: VN054454.D

Acq: 19 Mar 2019 21:34

Instrument :

MSVOA_N

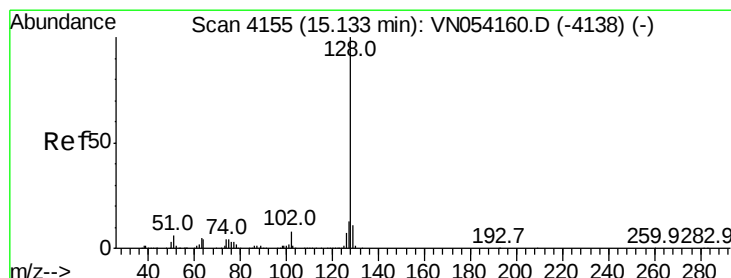
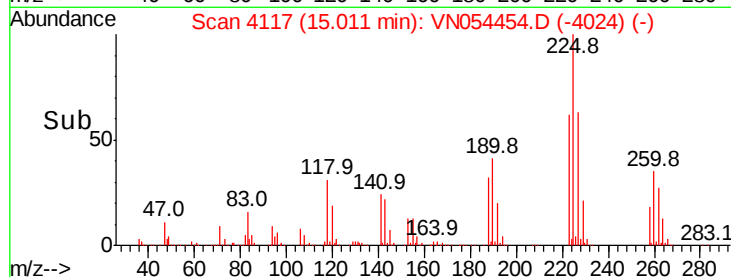
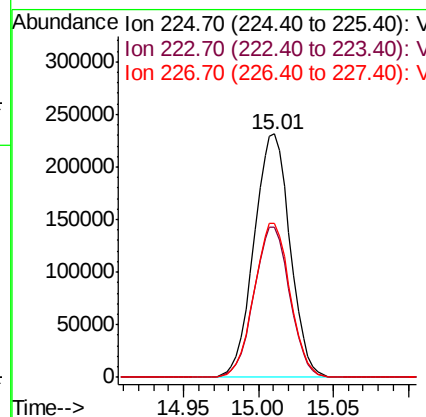
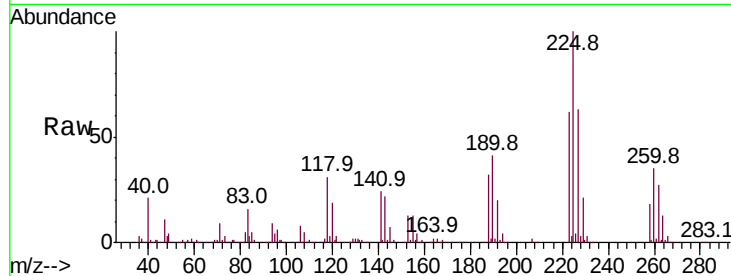
ClientSampleId :

T11-MW-3-8.0-031519MSD

Tot Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.4	31.1	93.5	
227	63.2	31.9	95.9	

Manual Integrations
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#95

Naphthalene

Concen: 51.694 ug/l

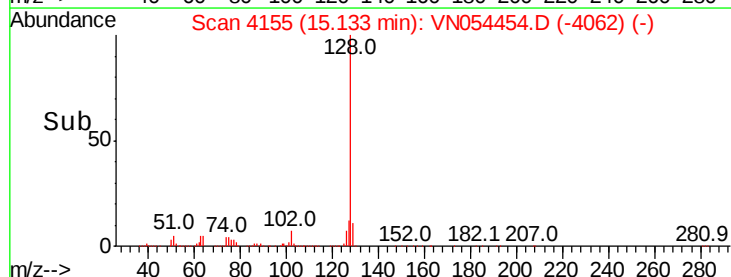
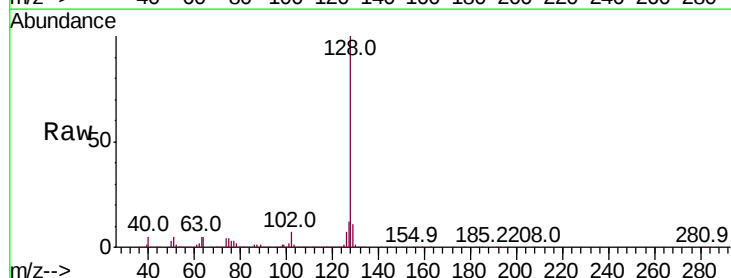
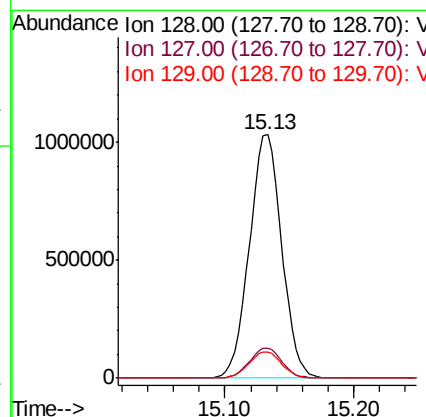
RT: 15.13 min Scan# 4155

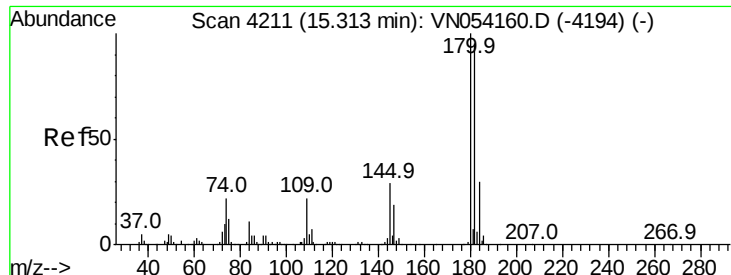
Delta R.T. 0.00 min

Lab File: VN054454.D

Acq: 19 Mar 2019 21:34

Tgt Ion	Ratio	Resp	Lower	Upper
128	100			
127	12.6	10.1	15.1	
129	10.9	8.7	13.1	





#96
 1,2,3-Trichlorobenzene
 Concen: 51.275 ug/l
 RT: 15.31 min Scan# 4211
 Delta R.T. 0.00 min
 Lab File: VN054454.D
 Acq: 19 Mar 2019 21:34

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

Tot Ion:	180	Resp:	752866
Ion Ratio	Lower	Upper	
180	100		
182	96.6	47.5	142.6
145	30.6	14.8	44.3

Manual Integrations
 APPROVED

MMDadoda
 3/20/2019 12:22:08 PM

