

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091118\
 Data File : VN051130.D
 Acq On : 11 Sep 2018 16:26
 Operator : MD\SY
 Sample : J4849-05MS 5X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-DMS

Manual Integrations
 APPROVED

MMDadoda
 9/12/2018 10:07:13 AM

Quant Time: Sep 12 03:52:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 02:27:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	675666	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	977220	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	891244	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	457035	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	387706	51.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.12%	
35) Dibromofluoromethane	7.59	113	371345	50.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.14%	
50) Toluene-d8	10.09	98	1409841	50.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.20%	
62) 4-Bromofluorobenzene	12.40	95	472732	51.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	289459	44.42	ug/l	98
3) Chloromethane	2.06	50	372006	44.15	ug/l	99
4) Vinyl Chloride	2.18	62	402746	45.03	ug/l	98
5) Bromomethane	2.55	94	157733	30.88	ug/l	100
6) Chloroethane	2.70	64	246324	44.62	ug/l	100
7) Trichlorofluoromethane	3.01	101	547554	46.20	ug/l	98
8) Diethyl Ether	3.41	74	221238	50.76	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.75	101	351233	45.97	ug/l	99
10) Methyl Iodide	3.95	142	210351	31.76	ug/l	99
11) Tert butyl alcohol	4.80	59	174912	304.55	ug/l	99
12) 1,1-Dichloroethene	3.73	96	331509	46.00	ug/l	99
13) Acrolein	3.61	56	171016	244.54	ug/l	99
14) Allyl chloride	4.32	41	526196	47.92	ug/l	99
15) Acrylonitrile	4.99	53	706474	277.61	ug/l	99
16) Acetone	3.82	43	476648	256.53	ug/l	99
17) Carbon Disulfide	4.05	76	981996	46.24	ug/l	99
18) Methyl Acetate	4.33	43	321458	53.39	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	995885	52.27	ug/l	99
20) Methylene Chloride	4.55	84	385074	46.36	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	356649	45.62	ug/l	99
22) Diisopropyl ether	5.96	45	1110249	50.94	ug/l	96
23) Vinyl Acetate	5.90	43	3962406	268.63	ug/l	100
24) 1,1-Dichloroethane	5.85	63	654382	47.32	ug/l	99
25) 2-Butanone	6.84	43	783558	265.05	ug/l	100
26) 1,2-Dichloropropane	6.83	77	524605	46.35	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	414501	48.33	ug/l	99
28) Bromochloromethane	7.20	49	300460	48.81	ug/l	99
29) Tetrahydrofuran	7.22	42	534340	289.44	ug/l	99
30) Chloroform	7.37	83	656760	47.74	ug/l	99
31) Cyclohexane	7.65	56	580781	47.09	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	561075	47.86	ug/l	100
36) 1,1-Dichloropropene	7.79	75	506592	47.22	ug/l	100
37) Ethyl Acetate	6.93	43	350742	56.45	ug/l	100
38) Carbon Tetrachloride	7.78	117	490759	46.48	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 02:27:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	572592	48.37	ug/l	100
40) Benzene	8.04	78	1551524	47.99	ug/l	100
41) Methacrylonitrile	7.17	41	171222	53.41	ug/l	98
42) 1,2-Dichloroethane	8.13	62	460176	48.83	ug/l	99
43) Isopropyl Acetate	8.17	43	613811	55.98	ug/l #	89
44) Trichloroethene	8.84	130	412002	46.59	ug/l	98
45) 1,2-Dichloropropane	9.12	63	401120	48.02	ug/l	99
46) Dibromomethane	9.21	93	244917	48.05	ug/l	99
47) Bromodichloromethane	9.40	83	504452	48.67	ug/l	98
48) Methyl methacrylate	9.20	41	307390	57.53	ug/l	98
49) 1,4-Dioxane	9.20	88	97559	1164.38	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	1748796	288.43	ug/l	100
52) Toluene	10.16	92	962541	48.83	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	522406	50.36	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	597707	49.14	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	369640	51.62	ug/l	99
56) Ethyl methacrylate	10.43	69	499243	51.86	ug/l	98
57) 1,3-Dichloropropane	10.71	76	602168	50.72	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	35219	23.41	ug/l	98
59) 2-Hexanone	10.75	43	1177638	286.40	ug/l	99
60) Dibromochloromethane	10.90	129	401533	49.75	ug/l	99
61) 1,2-Dibromoethane	11.01	107	364794	52.11	ug/l	100
64) Tetrachloroethene	10.63	164	372994	45.86	ug/l	99
65) Chlorobenzene	11.43	112	1070313	47.64	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	390756	48.31	ug/l	100
67) Ethyl Benzene	11.51	91	1939131	53.30	ug/l	100
68) m/p-Xylenes	11.62	106	1484799	106.22	ug/l	100
69) o-Xylene	11.95	106	686687	50.73	ug/l	98
70) Styrene	11.96	104	1114893	53.10	ug/l	100
71) Bromoform	12.13	173	298589	52.43	ug/l #	99
73) Isopropylbenzene	12.25	105	2736503	71.40	ug/l	100
74) N-amyl acetate	12.07	43	529961	54.94	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	484914	55.31	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	406169m	57.55	ug/l	
77) Bromobenzene	12.53	156	465563	45.22	ug/l	99
78) n-propylbenzene	12.59	91	4001356	94.98	ug/l	99
79) 2-Chlorotoluene	12.68	91	1293572	49.13	ug/l	96
80) 1,3,5-Trimethylbenzene	12.73	105	2091708	67.50	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	118890	49.40	ug/l	100
82) 4-Chlorotoluene	12.77	91	1189021	45.49	ug/l	99
83) tert-Butylbenzene	12.99	119	1331496	48.67	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	11809264	387.59	ug/l	99
85) sec-Butylbenzene	13.17	105	2104897	59.99	ug/l	96
86) p-Isopropyltoluene	13.29	119	1764670	59.32	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	790721	45.27	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	766226	47.78	ug/l	99
89) n-Butylbenzene	13.62	91	1423608	61.49	ug/l	94
90) Hexachloroethane	13.88	117	314138	58.10	ug/l	78
91) 1,2-Dichlorobenzene	13.65	146	771371	45.32	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	73592	56.13	ug/l	99

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ClientSampleId :
EP1-MW-DMS

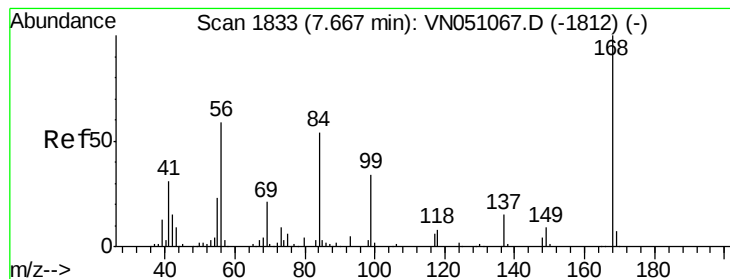
Manual Integrations
APPROVED

MMDadoda
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	400618	48.81	ug/l	98
94) Hexachlorobutadiene	15.01	225	238077	47.93	ug/l	100
95) Naphthalene	15.13	128	901402	52.19	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	394565	50.20	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN051130.D

Acq: 11 Sep 2018 16:26

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-DMS

Tot Ion:168 Resp: 675666

Ion Ratio Lower Upper

168 100

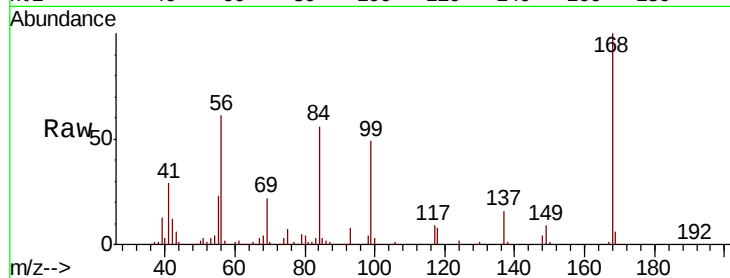
99 48.8 38.3 57.5

Manual Integrations

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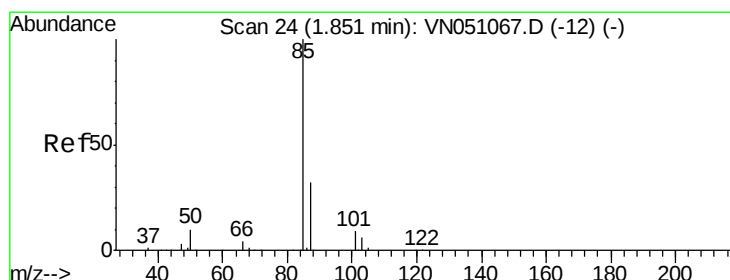
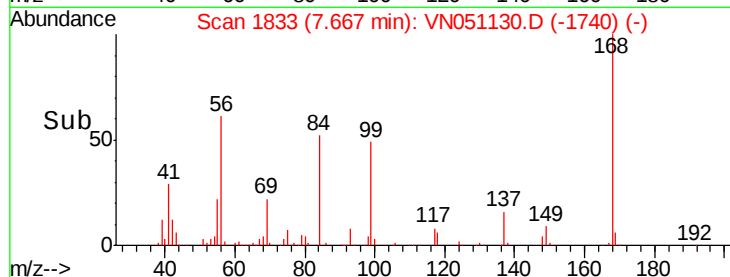
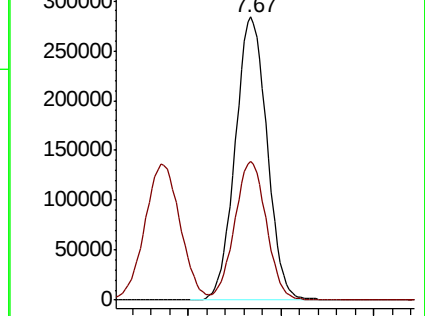
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 44.42 ug/l

RT: 1.85 min Scan# 24

Delta R.T. -0.00 min

Lab File: VN051130.D

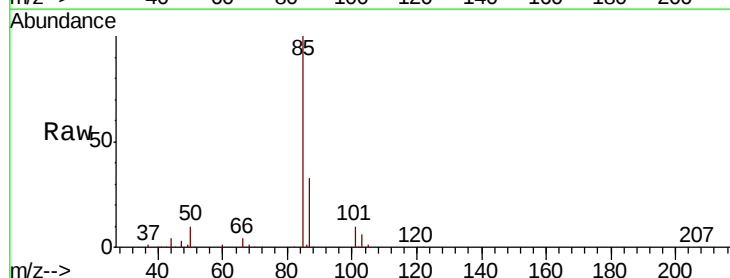
Acq: 11 Sep 2018 16:26

Tgt Ion: 85 Resp: 289459

Ion Ratio Lower Upper

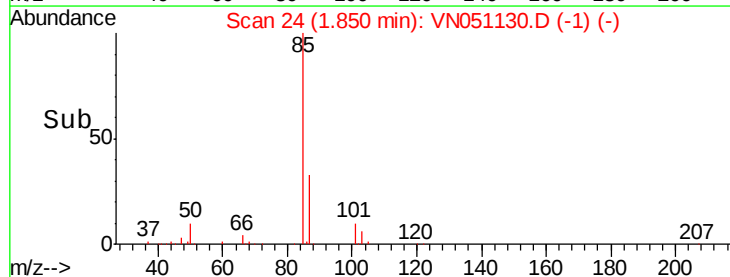
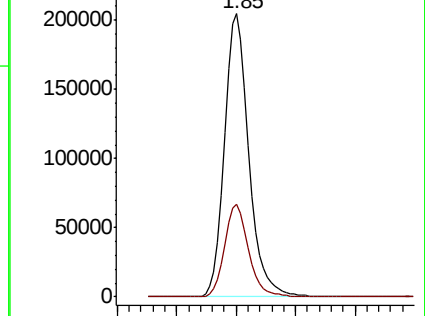
85 100

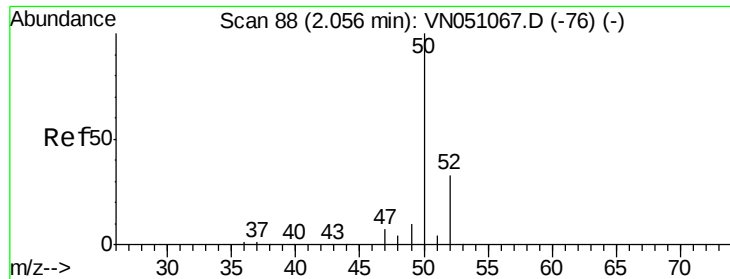
87 32.6 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 44.15 ug/l

RT: 2.06 min Scan# 88

Delta R.T. 0.00 min

Lab File: VN051130.D

Acq: 11 Sep 2018 16:26

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-DMS

Tot Ion: 50 Resp: 372006

Ion Ratio Lower Upper

50 100

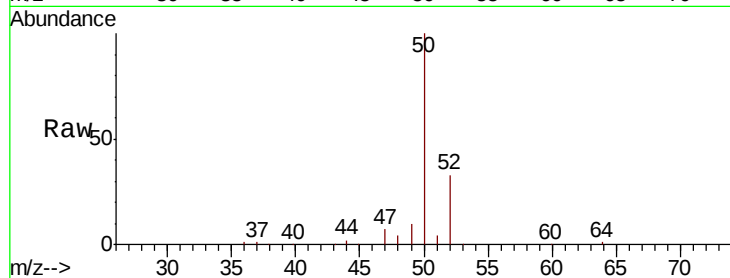
52 33.2 26.0 39.0

Manual Integrations

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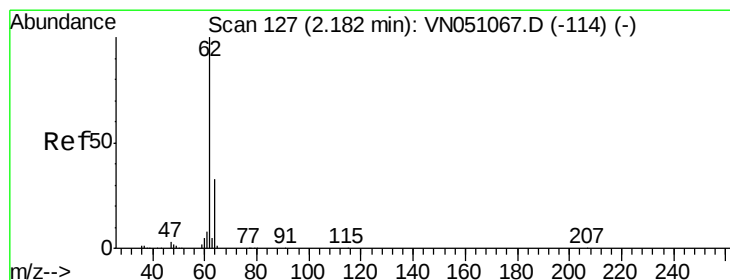
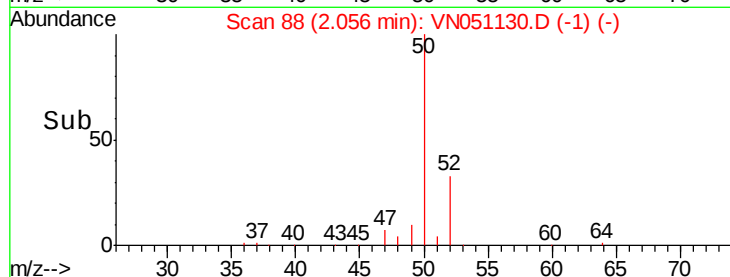
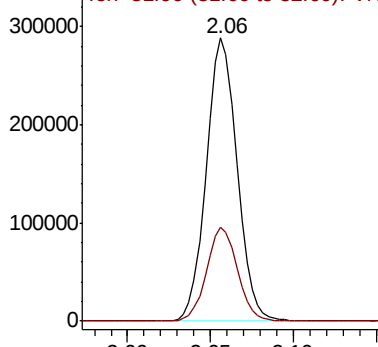
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Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 45.03 ug/l

RT: 2.18 min Scan# 127

Delta R.T. -0.00 min

Lab File: VN051130.D

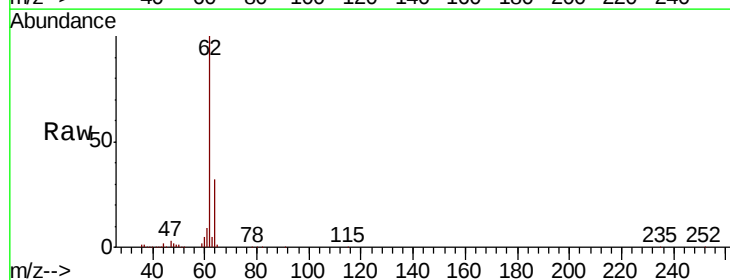
Acq: 11 Sep 2018 16:26

Tgt Ion: 62 Resp: 402746

Ion Ratio Lower Upper

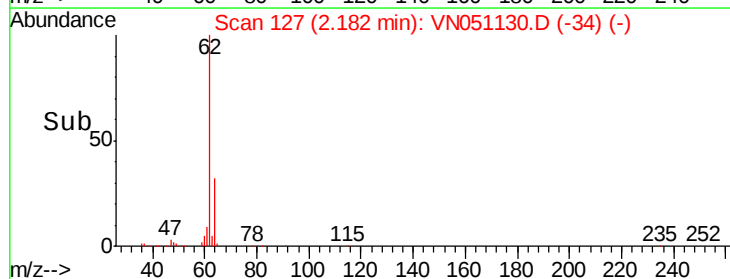
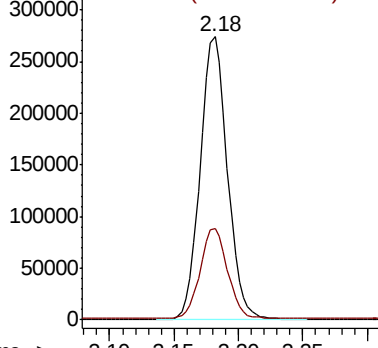
62 100

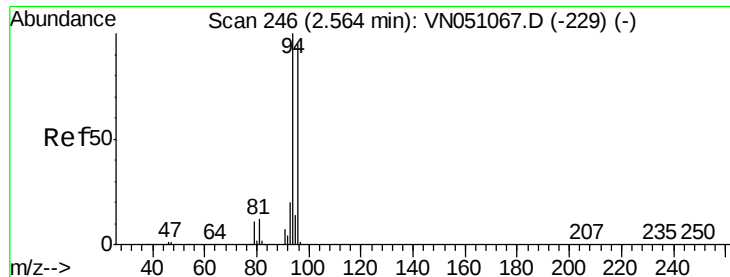
64 31.9 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 30.88 ug/l

RT: 2.55 min Scan# 243

Delta R.T. -0.01 min

Lab File: VN051130.D

Acq: 11 Sep 2018 16:26

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-DMS

Tot Ion: 94 Resp: 157733

Ion Ratio Lower Upper

94 100

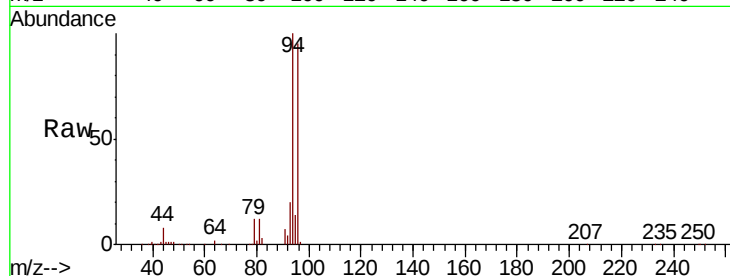
96 94.7 75.9 113.9

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VN051130.D (-153) (-)

Ion 95.90 (95.60 to 96.60): VN051130.D (-153) (-)

80000

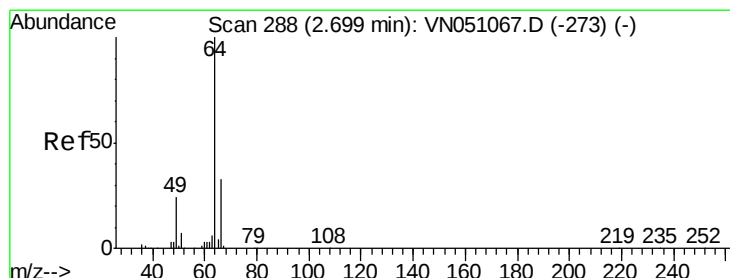
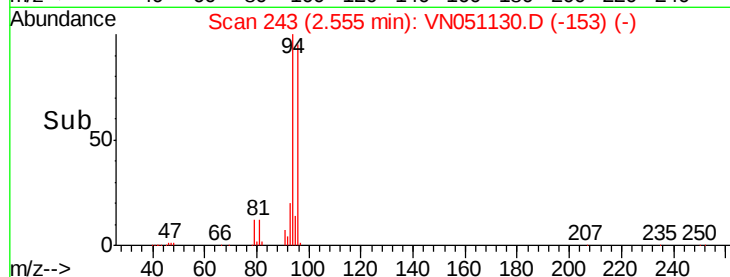
60000

40000

20000

0

Time--> 2.45 2.50 2.55 2.60 2.65



#6

Chloroethane

Concen: 44.62 ug/l

RT: 2.70 min Scan# 287

Delta R.T. -0.00 min

Lab File: VN051130.D

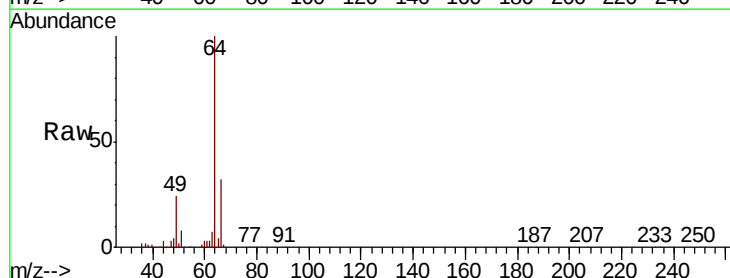
Acq: 11 Sep 2018 16:26

Tgt Ion: 64 Resp: 246324

Ion Ratio Lower Upper

64 100

66 32.5 26.1 39.1



Abundance Ion 63.90 (63.60 to 64.60): VN051130.D (-195) (-)

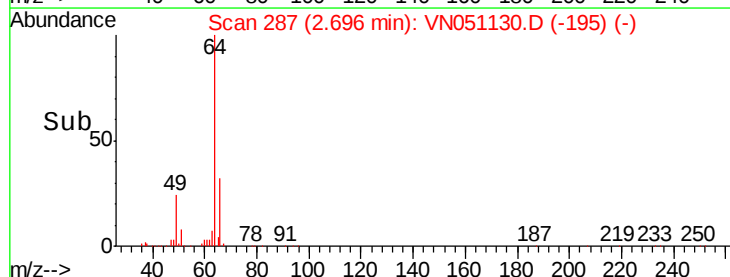
Ion 65.90 (65.60 to 66.60): VN051130.D (-195) (-)

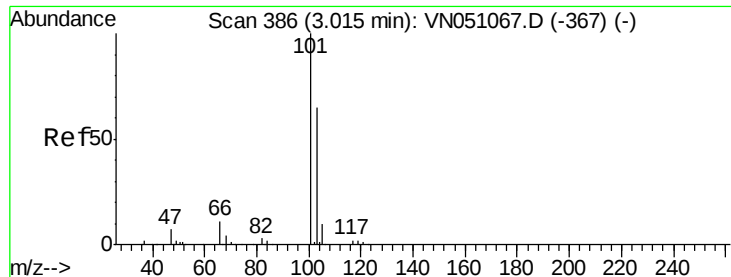
100000

50000

0

Time--> 2.60 2.70 2.80





#7

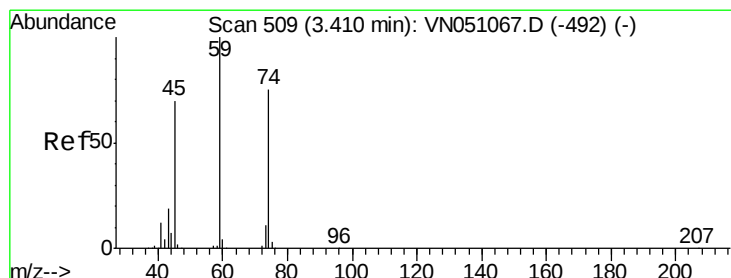
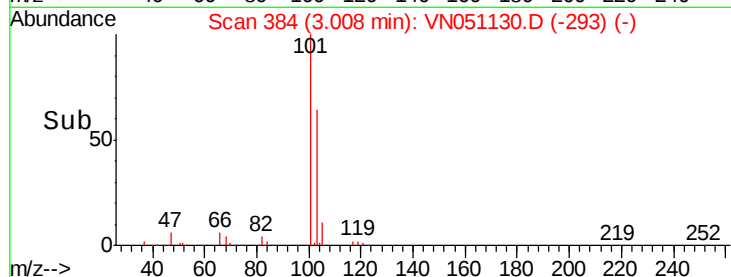
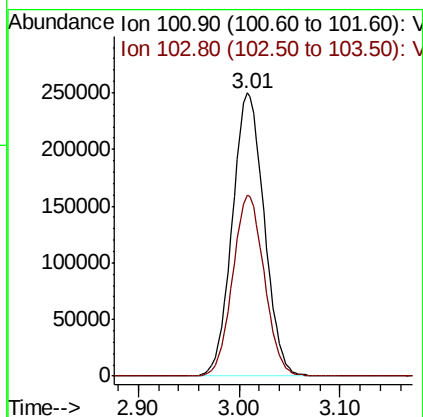
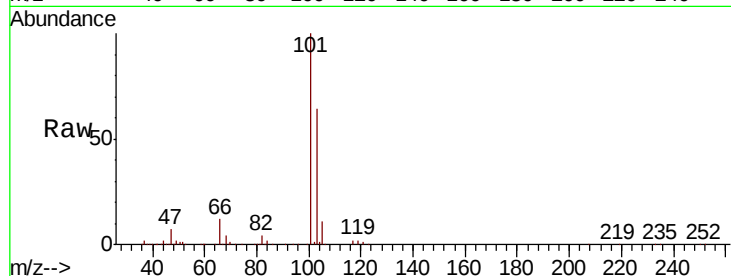
Trichlorofluoromethane
 Concen: 46.20 ug/l
 RT: 3.01 min Scan# 384
 Delta R.T. -0.01 min
 Lab File: VN051130.D
 Acq: 11 Sep 2018 16:26

Instrument :
 MSVOA_N
 ClientSampled :
 EP1-MW-DMS

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.8	52.4	78.6

Manual Integrations
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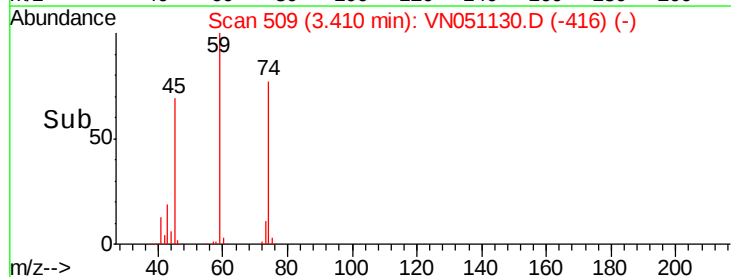
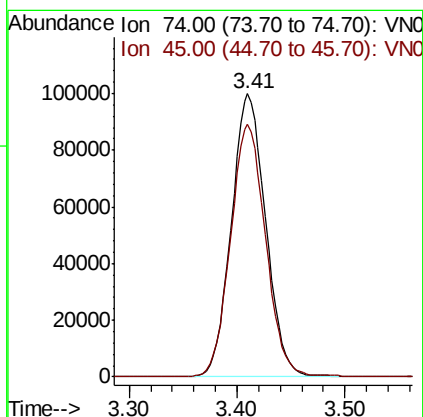
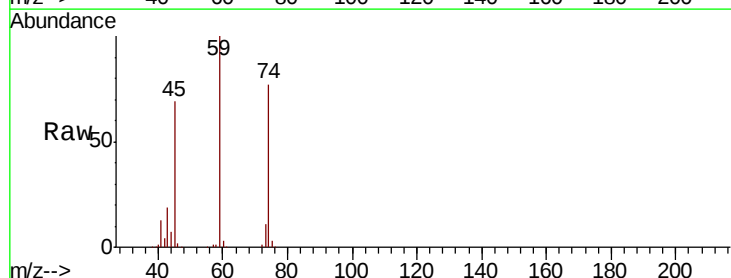
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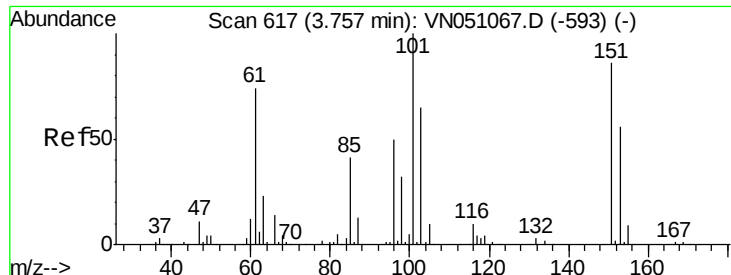


#8

Diethyl Ether
 Concen: 50.76 ug/l
 RT: 3.41 min Scan# 509
 Delta R.T. -0.00 min
 Lab File: VN051130.D
 Acq: 11 Sep 2018 16:26

Tgt Ion	Ratio	Lower	Upper
74	100		
45	91.2	46.7	140.0





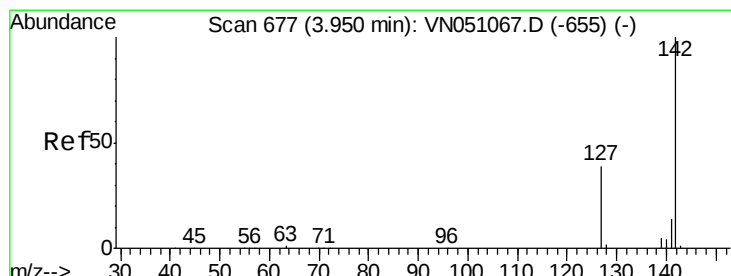
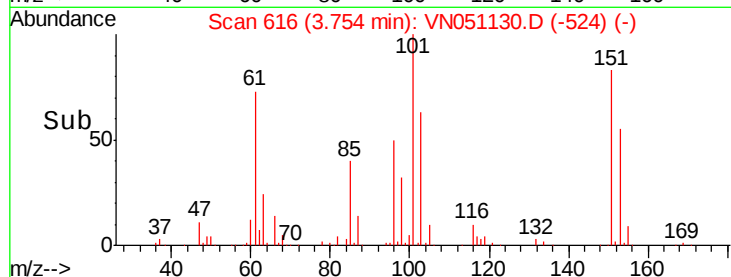
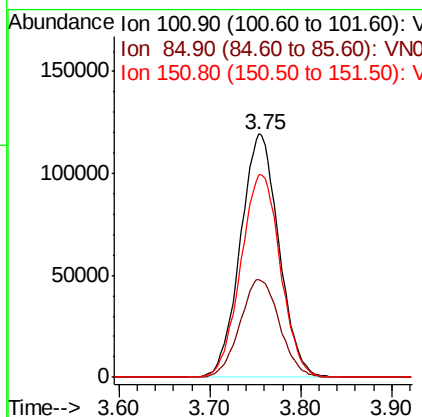
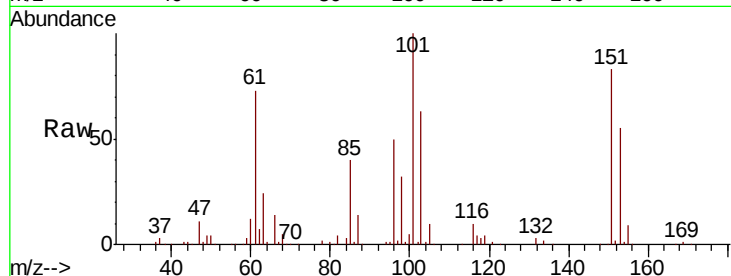
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 45.97 ug/l
 RT: 3.75 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: VN051130.D
 Acq: 11 Sep 2018 16:26

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-DMS

Tot Ion	Ratio	Resp	Lower	Upper
101	100	351233		
85	41.3	33.3	49.9	
151	85.7	68.2	102.2	

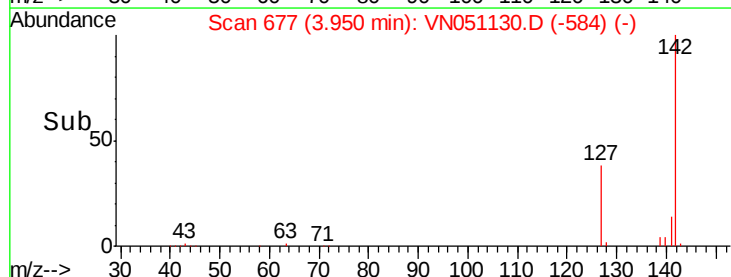
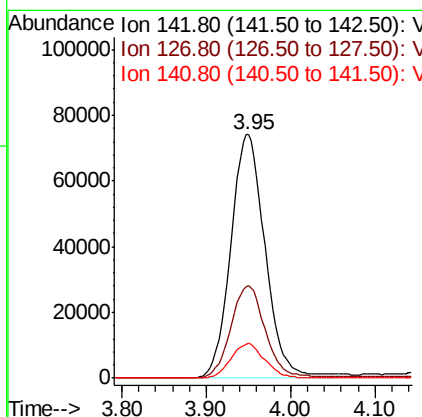
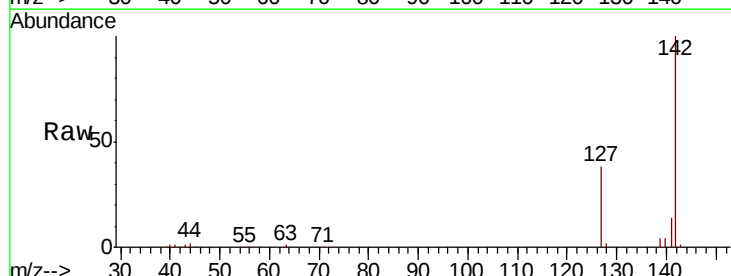
Manual Integrations
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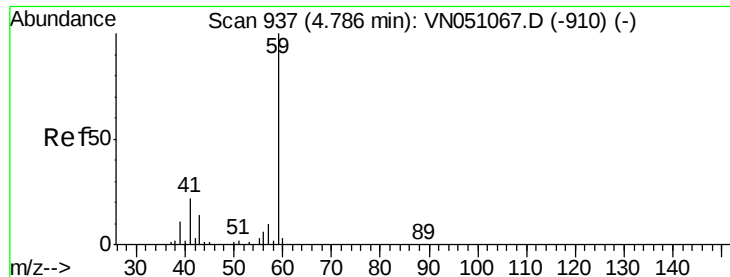
MMDadoda
 9/12/2018 10:07:13 AM



#10
 Methyl Iodide
 Concen: 31.76 ug/l
 RT: 3.95 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: VN051130.D
 Acq: 11 Sep 2018 16:26

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	210351		
127	38.1	31.0	46.4	
141	14.0	11.3	16.9	





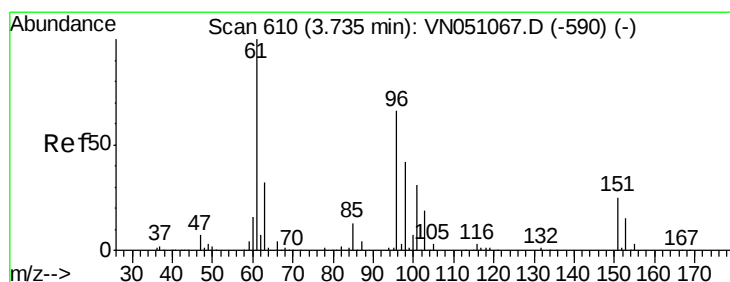
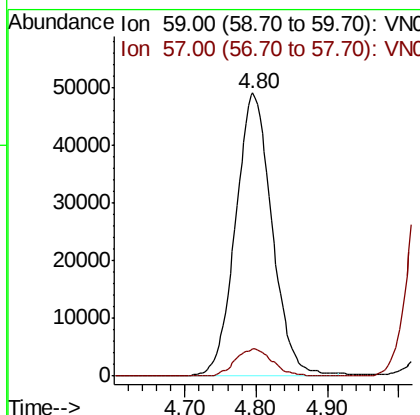
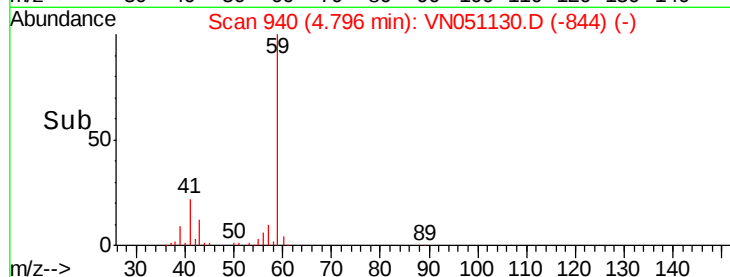
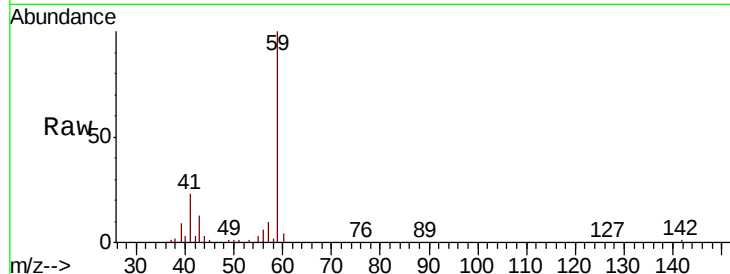
#11
Tert butyl alcohol
Concen: 304.55 ug/l
RT: 4.80 min Scan# 940
Delta R.T. 0.01 min
Lab File: VN051130.D
Acq: 11 Sep 2018 16:26

Instrument :
MSVOA_N
ClientSampled :
EP1-MW-DMS

Tot Ion: 59 Resp: 174912
Ion Ratio Lower Upper
59 100
57 9.8 8.1 12.1

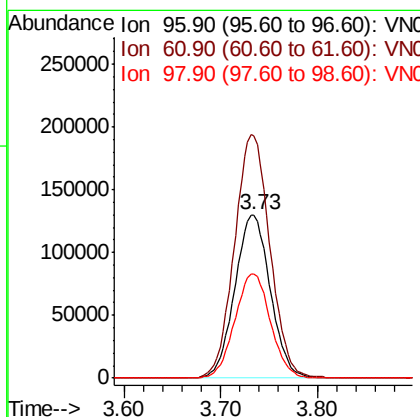
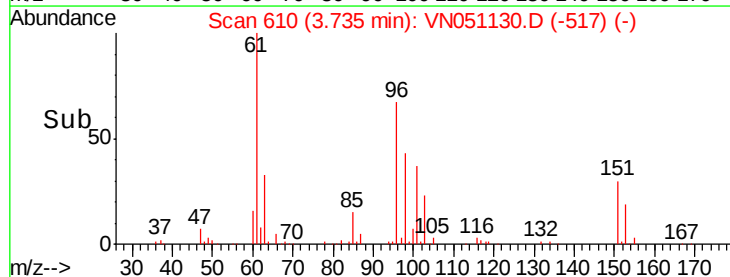
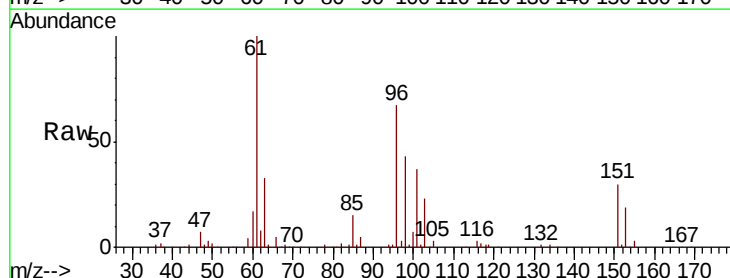
Manual Integrations
APPROVED

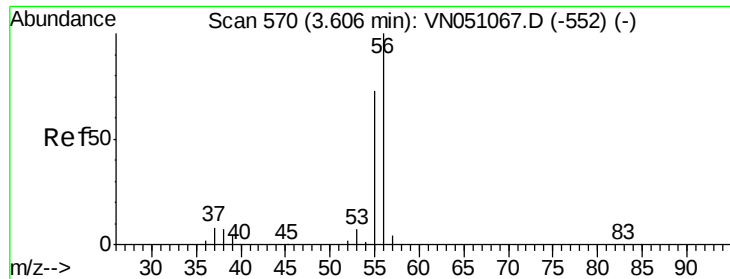
MMDadoda
9/12/2018 10:07:13 AM



#12
1,1-Dichloroethene
Concen: 46.00 ug/l
RT: 3.73 min Scan# 610
Delta R.T. -0.00 min
Lab File: VN051130.D
Acq: 11 Sep 2018 16:26

Tgt Ion: 96 Resp: 331509
Ion Ratio Lower Upper
96 100
61 148.5 120.3 180.5
98 64.0 50.8 76.2





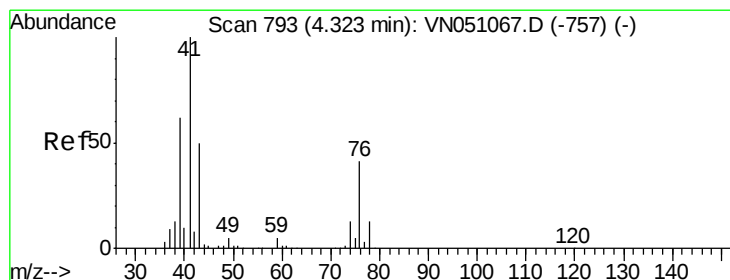
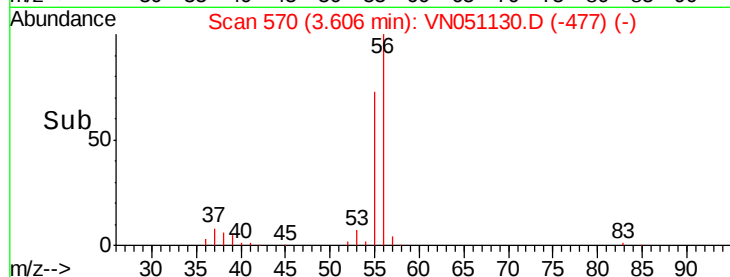
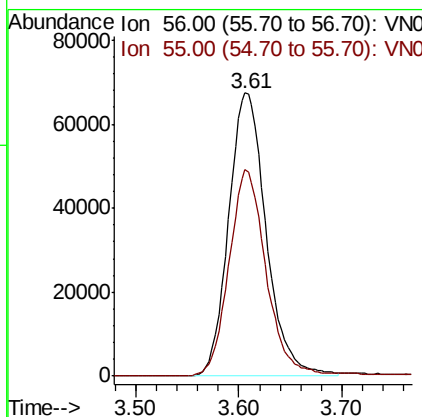
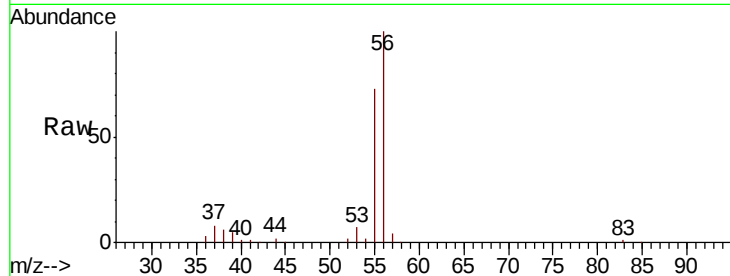
#13
Acrolein
Concen: 244.54 ug/l
RT: 3.61 min Scan# 570
Delta R.T. 0.00 min
Lab File: VN051130.D
Acq: 11 Sep 2018 16:26

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-DMS

Tot Ion	Ratio	Lower	Upper
56	100		
55	72.1	58.0	87.0

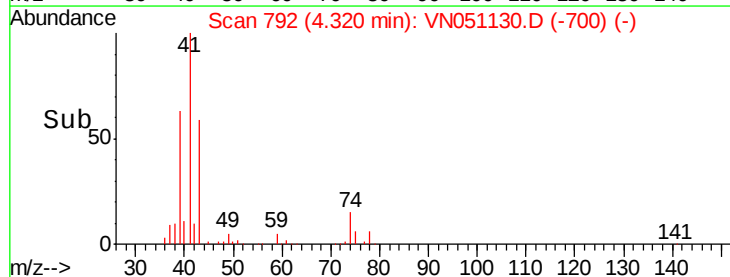
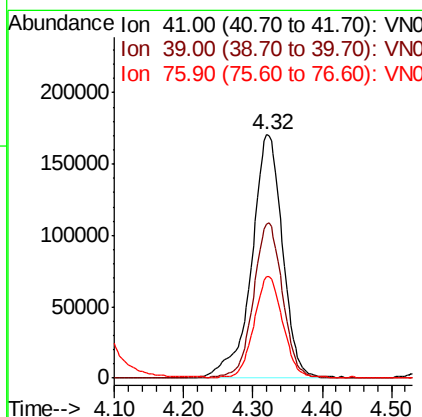
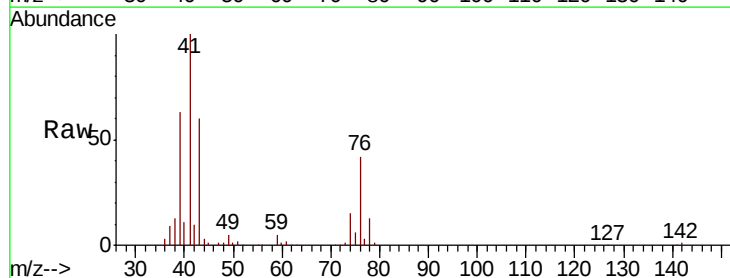
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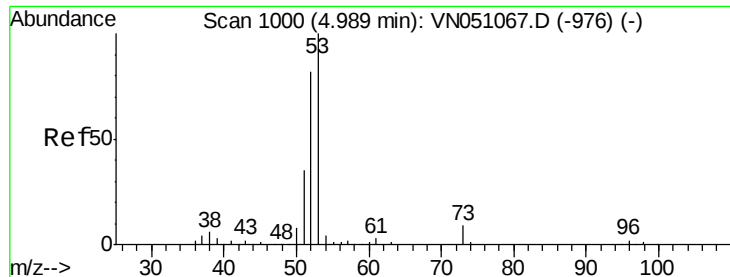
MMDadoda
9/12/2018 10:07:13 AM



#14
Allyl chloride
Concen: 47.92 ug/l
RT: 4.32 min Scan# 792
Delta R.T. -0.00 min
Lab File: VN051130.D
Acq: 11 Sep 2018 16:26

Tgt Ion	Ratio	Lower	Upper
41	100		
39	60.3	48.8	73.2
76	37.9	30.6	45.8





#15

Acrylonitrile

Concen: 277.61 ug/l

RT: 4.99 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VN051130.D

Acq: 11 Sep 2018 16:26

Instrument :

MSVOA_N

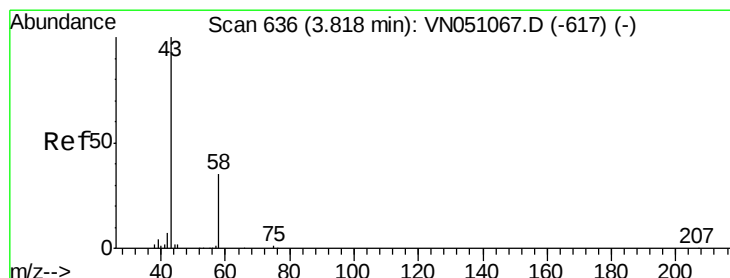
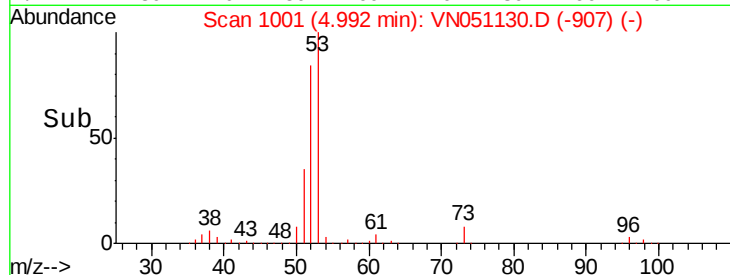
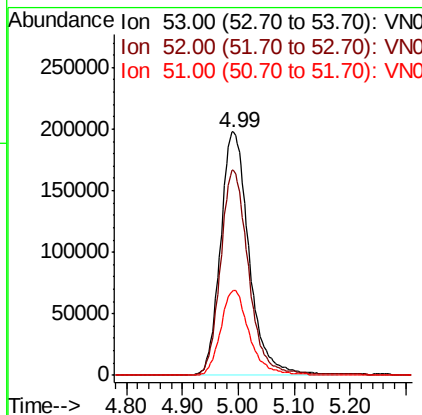
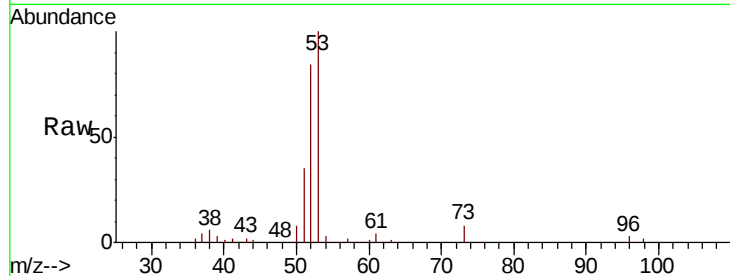
ClientSampled :

EP1-MW-DMS

Tot Ion:	53	Resp:	706474
Ion	Ratio	Lower	Upper
53	100		
52	82.6	65.3	97.9
51	35.1	28.2	42.2

Manual Integrations
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#16

Acetone

Concen: 256.53 ug/l

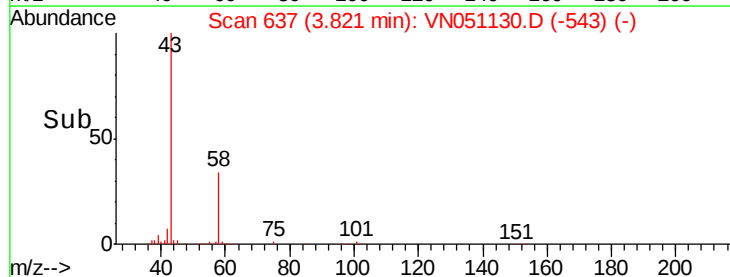
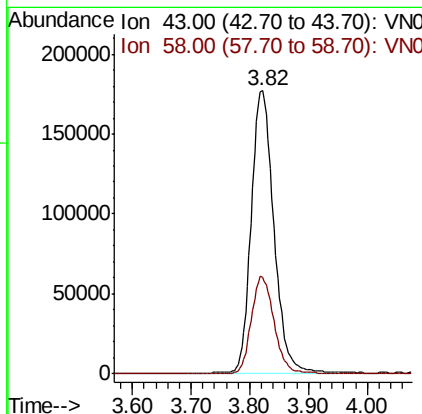
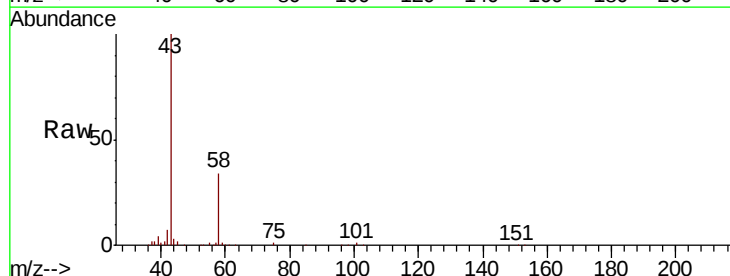
RT: 3.82 min Scan# 637

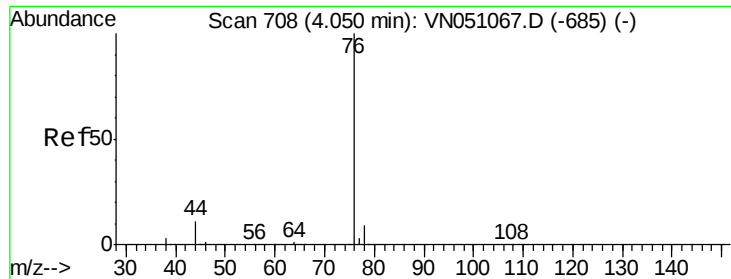
Delta R.T. 0.00 min

Lab File: VN051130.D

Acq: 11 Sep 2018 16:26

Tgt Ion:	43	Resp:	476648
Ion	Ratio	Lower	Upper
43	100		
58	34.2	27.8	41.6





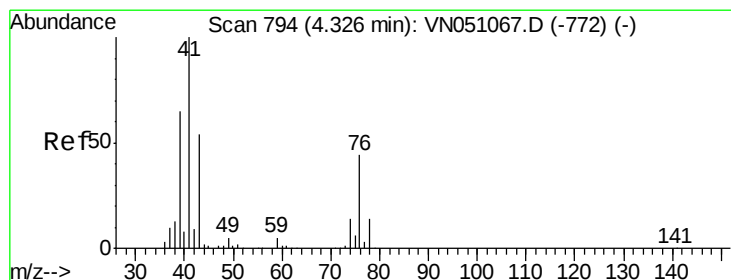
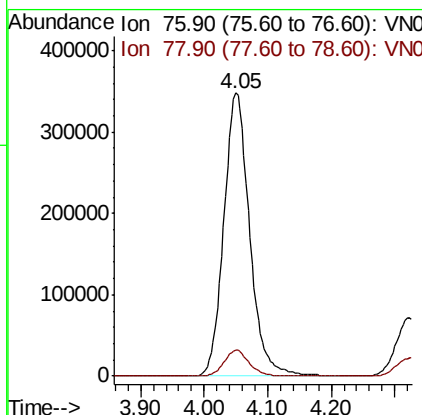
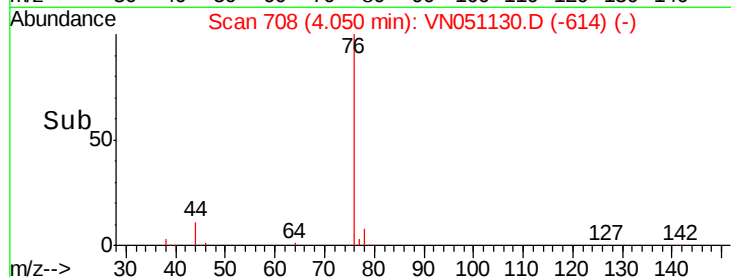
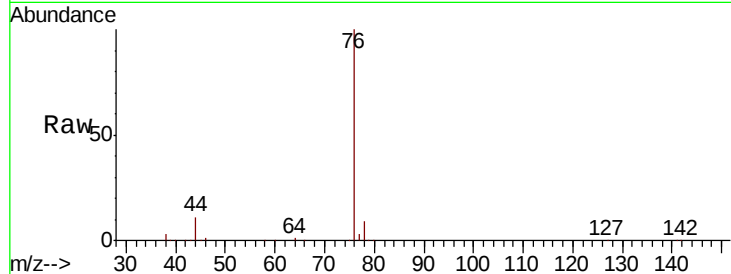
#17
Carbon Disulfide
Concen: 46.24 ug/l
RT: 4.05 min Scan# 708
Delta R.T. 0.00 min
Lab File: VN051130.D
Acq: 11 Sep 2018 16:26

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-DMS

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.0	10.6

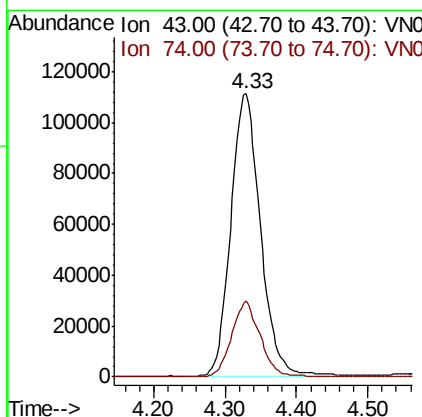
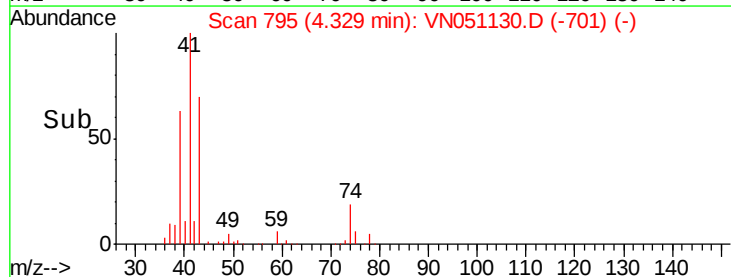
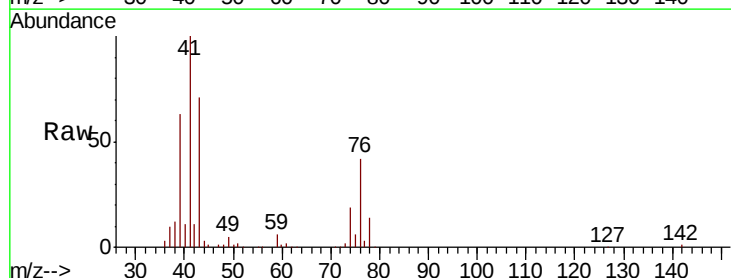
Manual Integrations
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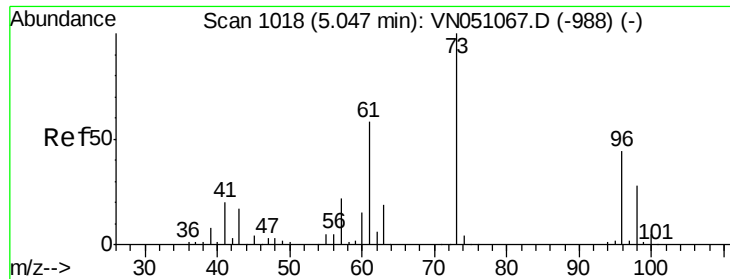
MMDadoda
9/12/2018 10:07:13 AM



#18
Methyl Acetate
Concen: 53.39 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN051130.D
Acq: 11 Sep 2018 16:26

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.8	20.7	31.1





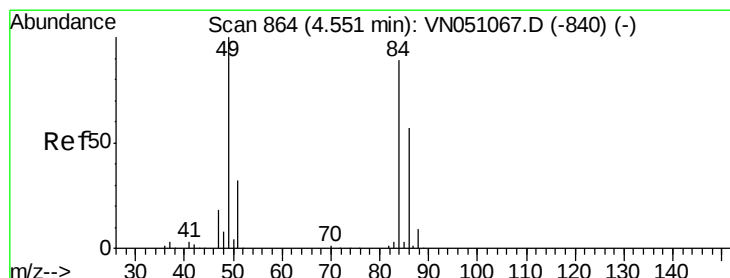
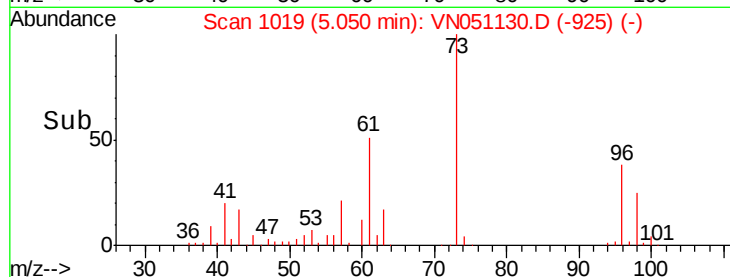
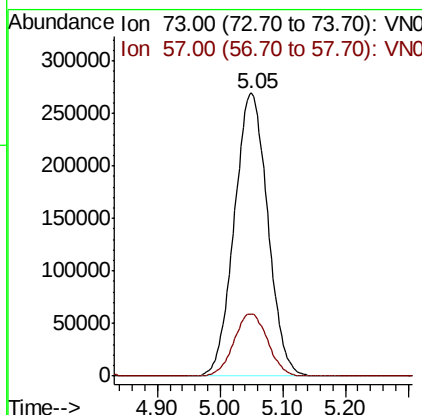
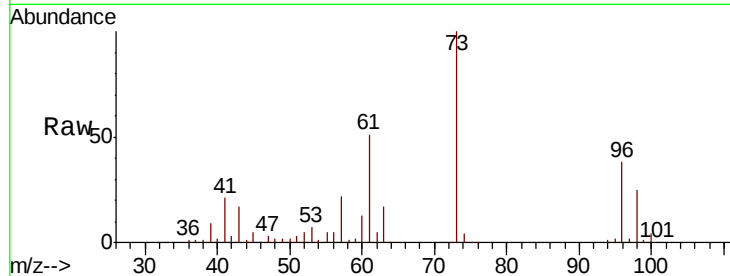
#19
Methvl tert-butvl Ether
Concen: 52.27 ug/l
RT: 5.05 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VN051130.D
Acq: 11 Sep 2018 16:26

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-DMS

Tot Ion: 73 Resp: 995885
Ion Ratio Lower Upper
73 100
57 21.7 17.9 26.9

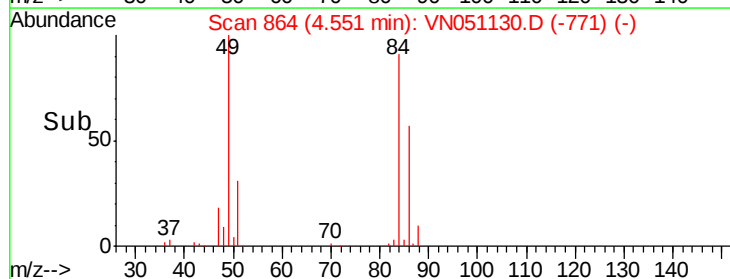
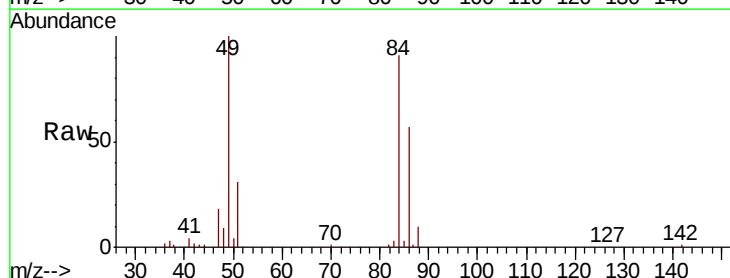
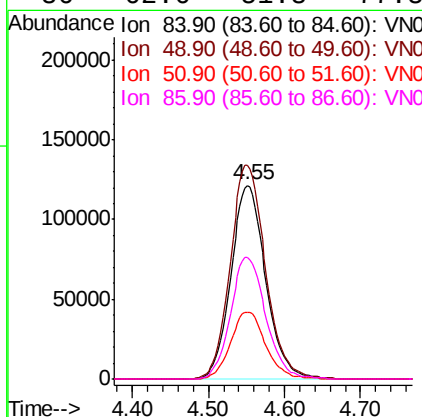
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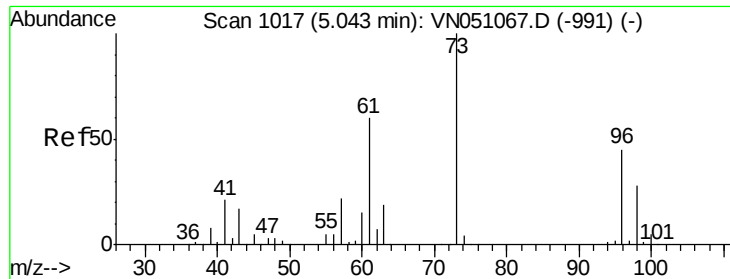
MMDadoda
9/12/2018 10:07:13 AM



#20
Methylene Chloride
Concen: 46.36 ug/l
RT: 4.55 min Scan# 864
Delta R.T. -0.00 min
Lab File: VN051130.D
Acq: 11 Sep 2018 16:26

Tgt Ion: 84 Resp: 385074
Ion Ratio Lower Upper
84 100
49 110.3 90.2 135.2
51 34.4 28.4 42.6
86 62.6 51.8 77.8





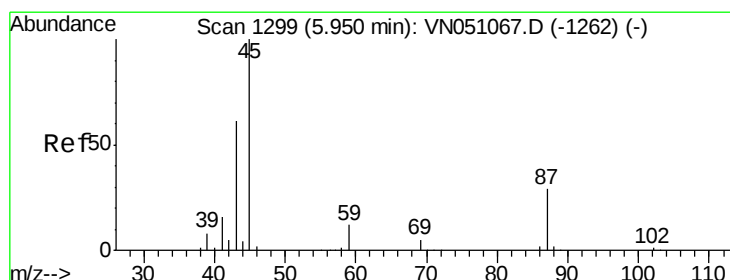
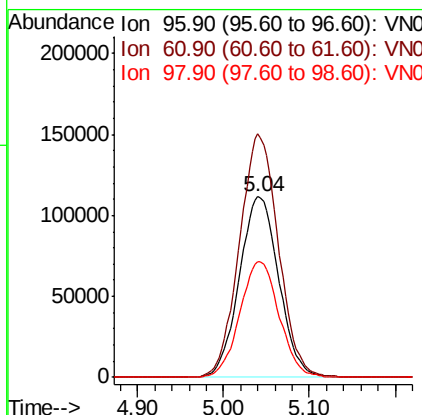
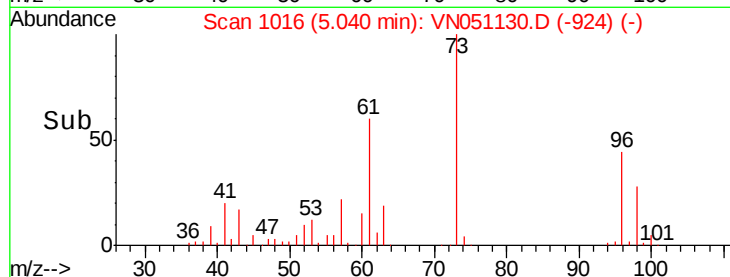
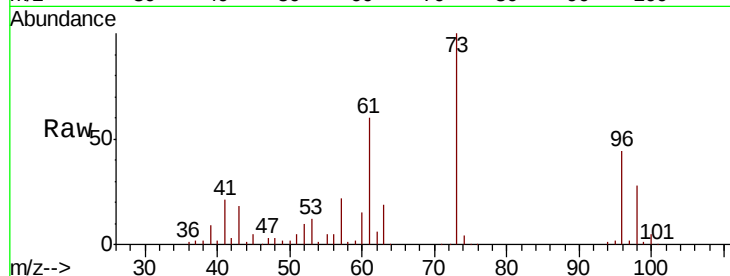
#21
trans-1,2-Dichloroethene
Concen: 45.62 ug/l
RT: 5.04 min Scan# 1016
Delta R.T. -0.00 min
Lab File: VN051130.D
Acq: 11 Sep 2018 16:26

Instrument :
MSVOA_N
ClientSampled :
EP1-MW-DMS

Tot Ion	Ratio	Lower	Upper
96	100		
61	134.7	106.5	159.7
98	63.8	50.4	75.6

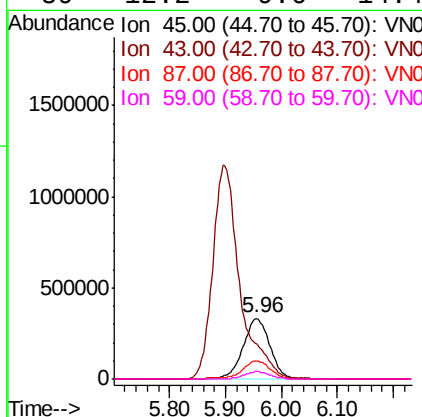
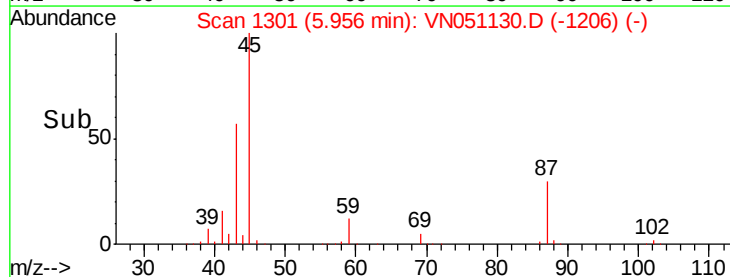
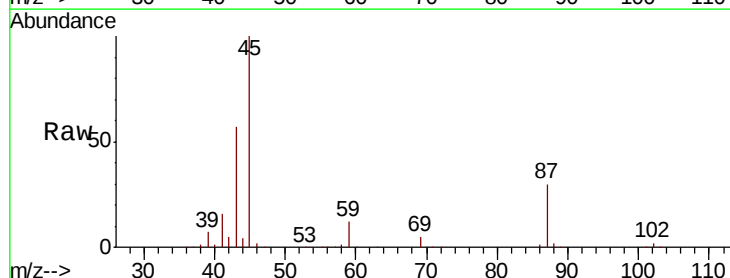
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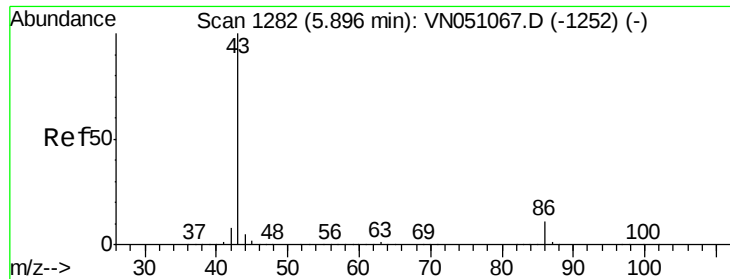
MMDadoda
9/12/2018 10:07:13 AM



#22
Diisopropyl ether
Concen: 50.94 ug/l
RT: 5.96 min Scan# 1301
Delta R.T. 0.01 min
Lab File: VN051130.D
Acq: 11 Sep 2018 16:26

Tgt Ion	Ratio	Lower	Upper
45	100		
43	56.1	48.8	73.2
87	29.9	23.8	35.8
59	12.2	9.6	14.4





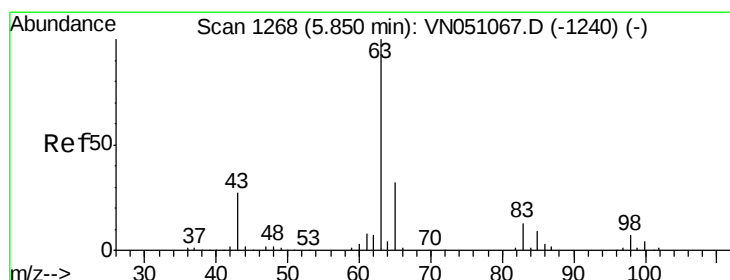
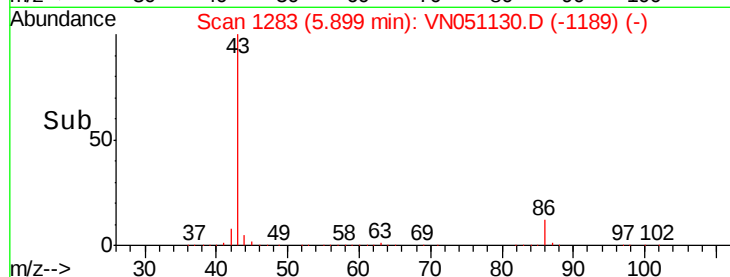
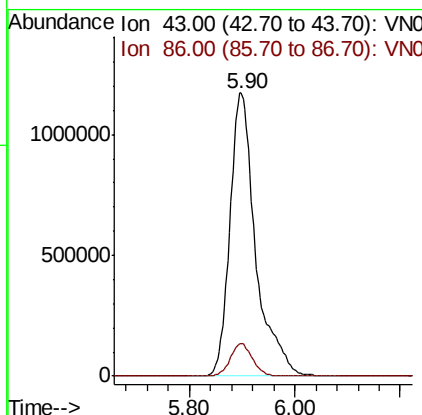
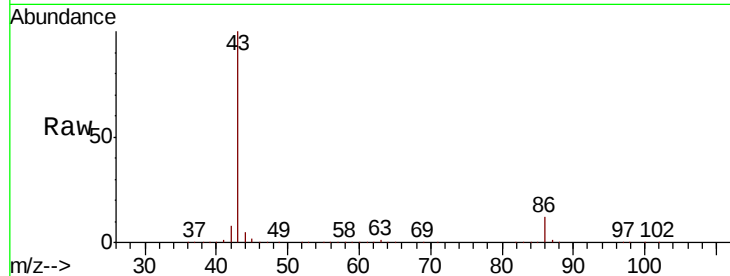
#23
 Vinyl Acetate
 Concen: 268.63 ug/l
 RT: 5.90 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: VN051130.D
 Acq: 11 Sep 2018 16:26

Instrument :
 MSVOA_N
 ClientSampled :
 EP1-MW-DMS

Tot Ion: 43 Resp: 3962406
 Ion Ratio Lower Upper
 43 100
 86 11.6 9.2 13.8

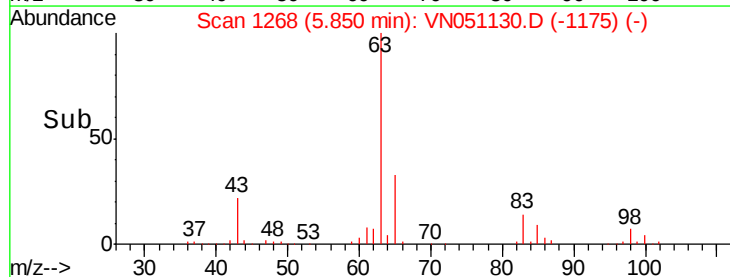
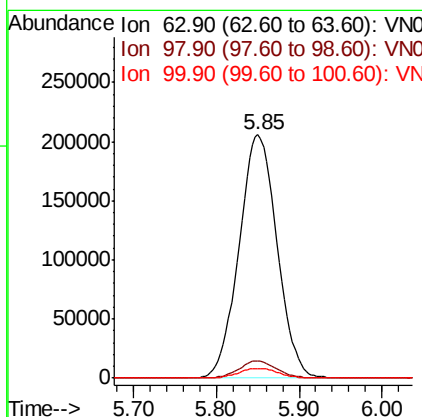
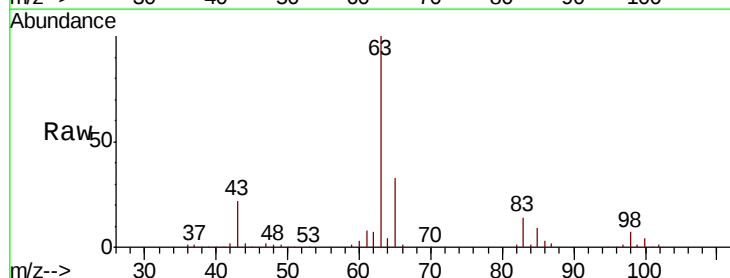
Manual Integrations
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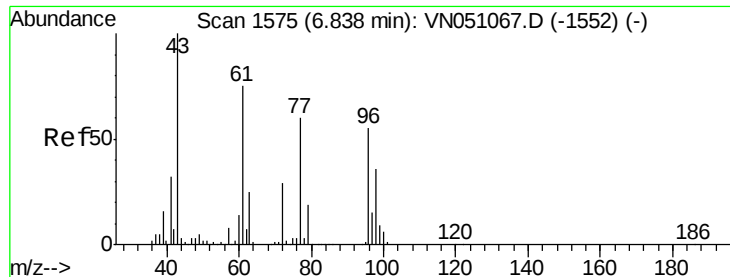
MMDadoda
 9/12/2018 10:07:13 AM



#24
 1,1-Dichloroethane
 Concen: 47.32 ug/l
 RT: 5.85 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VN051130.D
 Acq: 11 Sep 2018 16:26

Tgt Ion: 63 Resp: 654382
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.4 10.1
 100 4.1 2.1 6.3





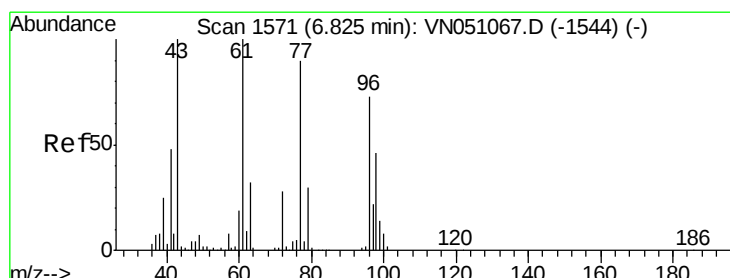
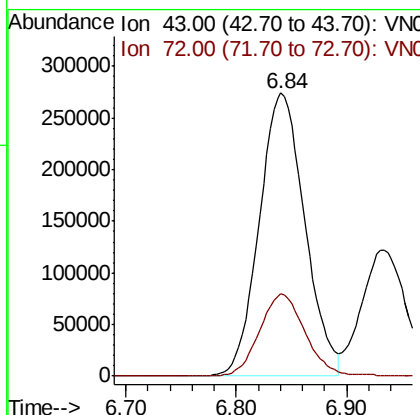
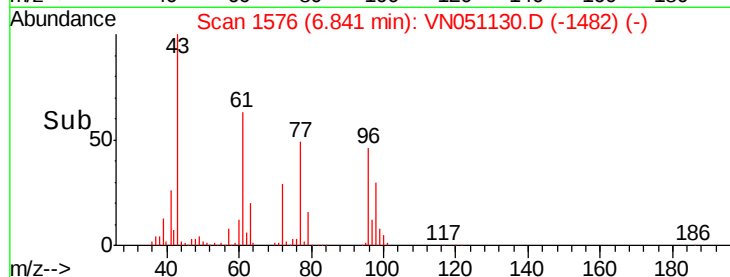
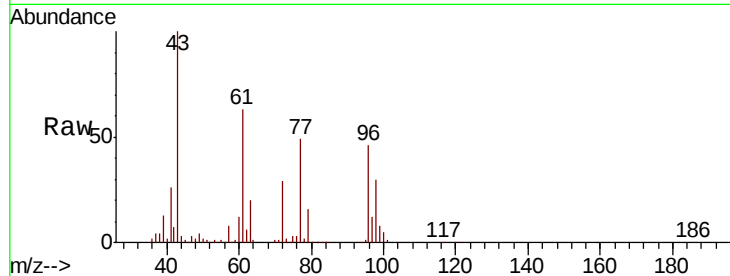
#25
2-Butanone
Concen: 265.05 ug/l
RT: 6.84 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VN051130.D
Acq: 11 Sep 2018 16:26

Instrument :
MSVOA_N
ClientSampled :
EP1-MW-DMS

Tot Ion: 43 Resp: 783558
Ion Ratio Lower Upper
43 100
72 29.0 23.0 34.6

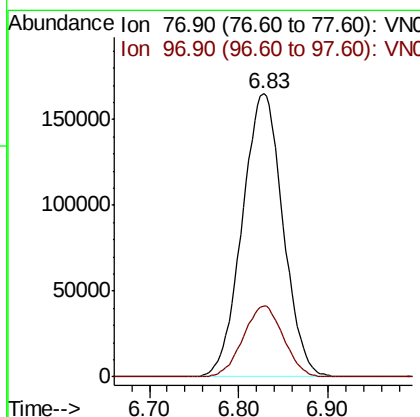
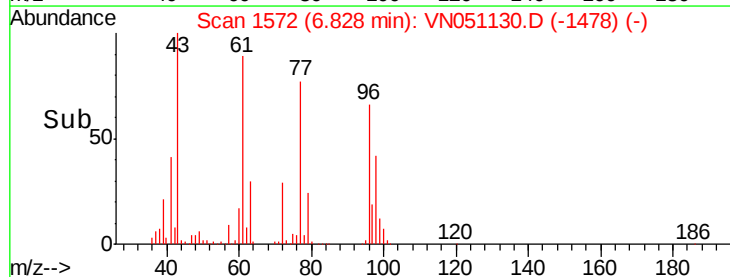
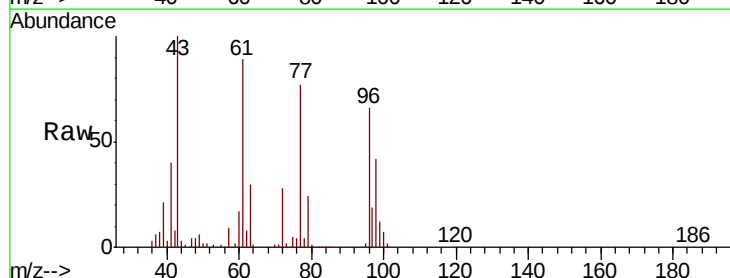
Manual Integrations
APPROVED

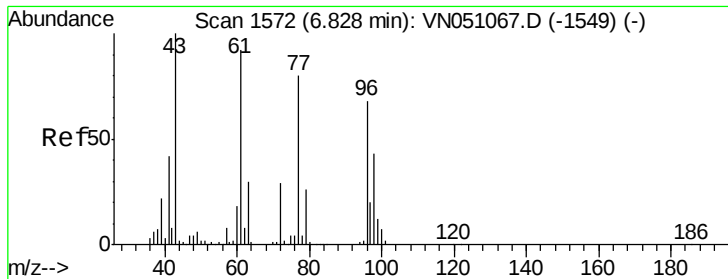
MMDadoda
9/12/2018 10:07:13 AM



#26
2,2-Dichloropropane
Concen: 46.35 ug/l
RT: 6.83 min Scan# 1572
Delta R.T. 0.00 min
Lab File: VN051130.D
Acq: 11 Sep 2018 16:26

Tgt Ion: 77 Resp: 524605
Ion Ratio Lower Upper
77 100
97 24.9 12.1 36.3





#27

cis-1,2-Dichloroethene

Concen: 48.33 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN051130.D

Acq: 11 Sep 2018 16:26

Instrument :

MSVOA_N

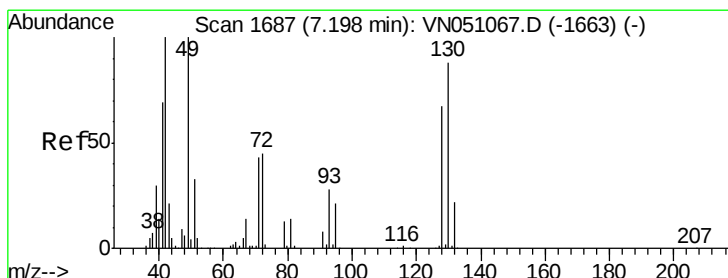
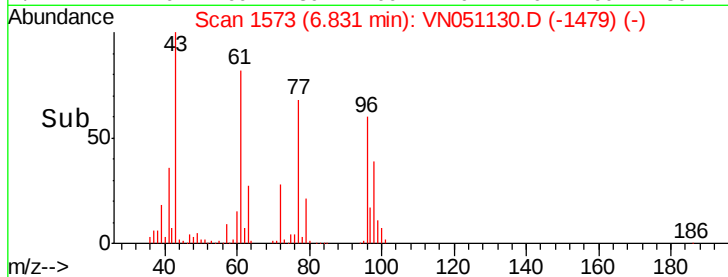
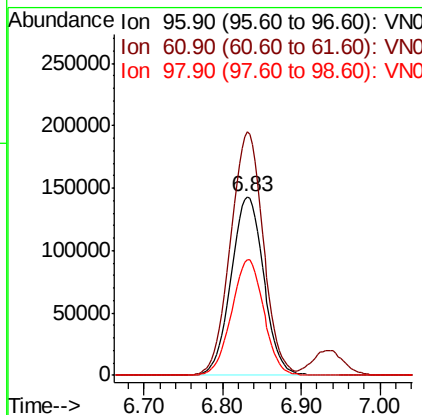
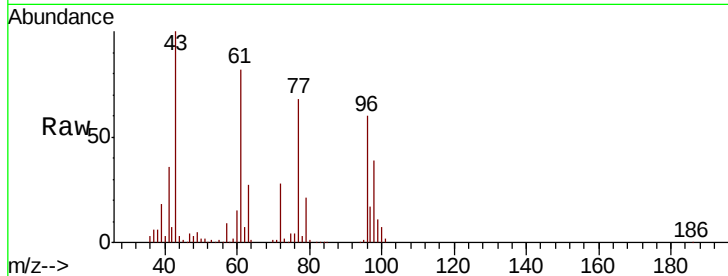
ClientSampleId :

EP1-MW-DMS

Tot Ion	Ratio	Resp	Lower	Upper
96	100	414501		
61	136.9	0.0	278.2	
98	64.1	0.0	129.4	

Manual Integrations
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9/12/2018 10:07:13 AM



#28

Bromochloromethane

Concen: 48.81 ug/l

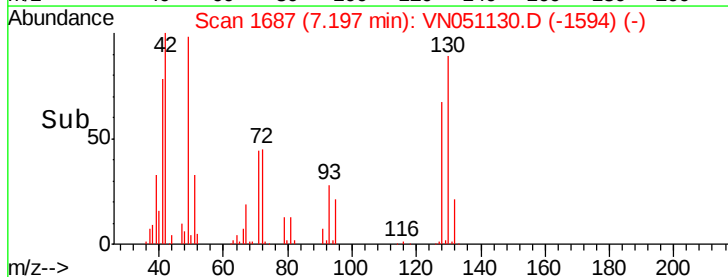
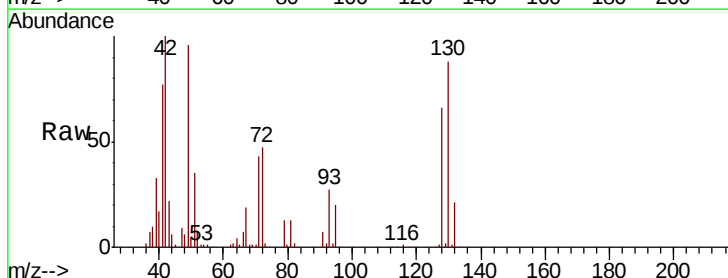
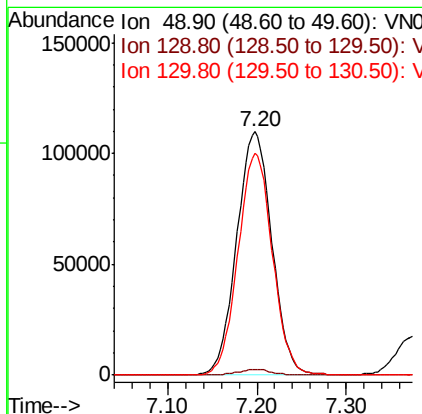
RT: 7.20 min Scan# 1687

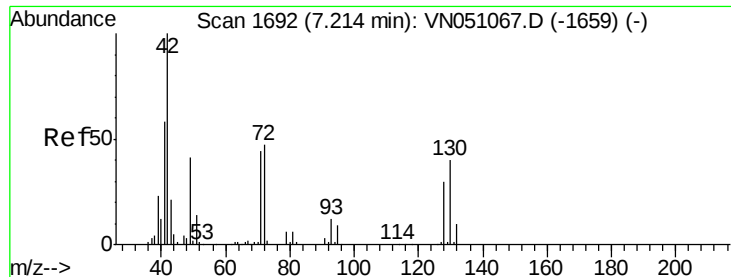
Delta R.T. -0.00 min

Lab File: VN051130.D

Acq: 11 Sep 2018 16:26

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	300460		
129	2.2	0.0	4.4	
130	89.2	70.7	106.1	





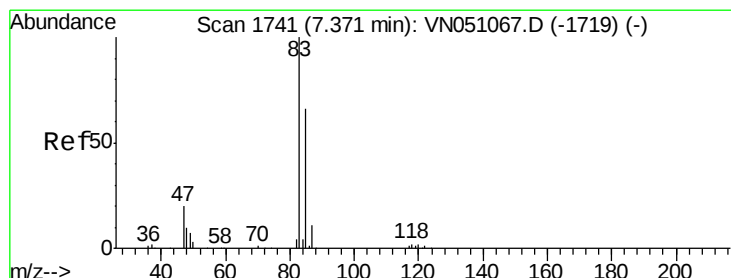
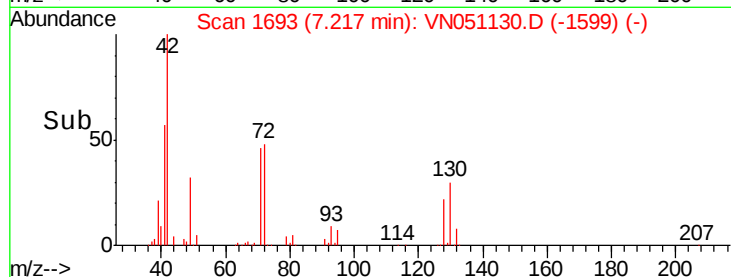
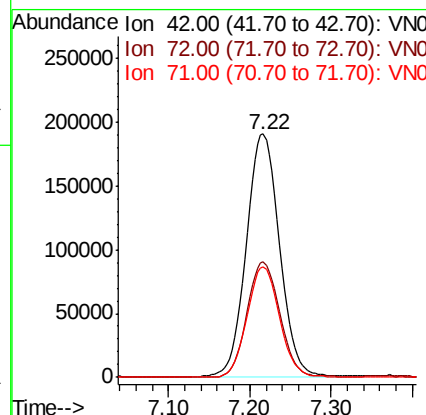
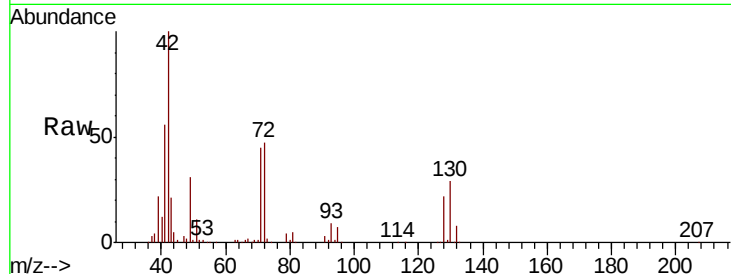
#29
Tetrahydrofuran
Concen: 289.44 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VN051130.D
Acq: 11 Sep 2018 16:26

Instrument :
MSVOA_N
ClientSampled :
EP1-MW-DMS

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.4	37.4	56.0
71	44.4	34.7	52.1

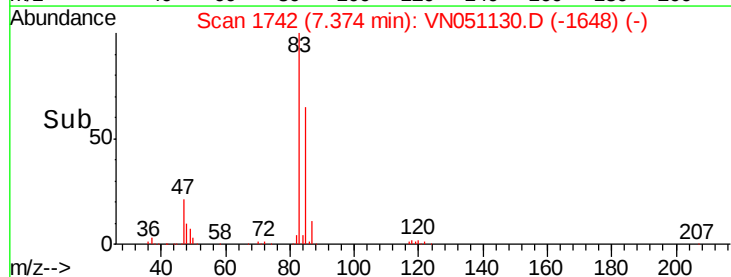
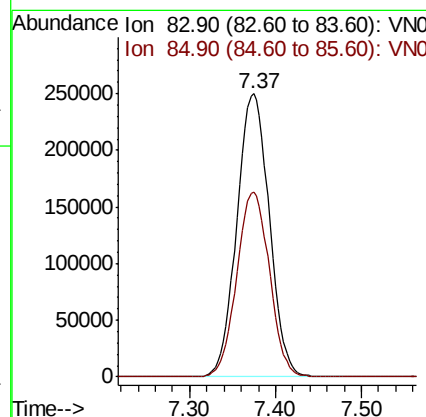
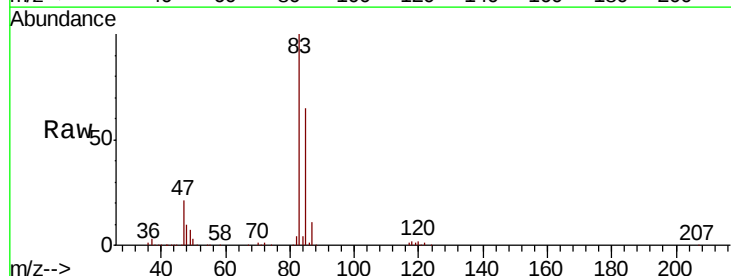
Manual Integrations
APPROVED

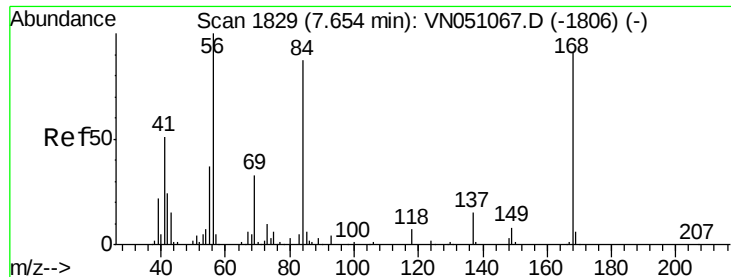
MMDadoda
9/12/2018 10:07:13 AM



#30
Chloroform
Concen: 47.74 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN051130.D
Acq: 11 Sep 2018 16:26

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.2	52.6	79.0





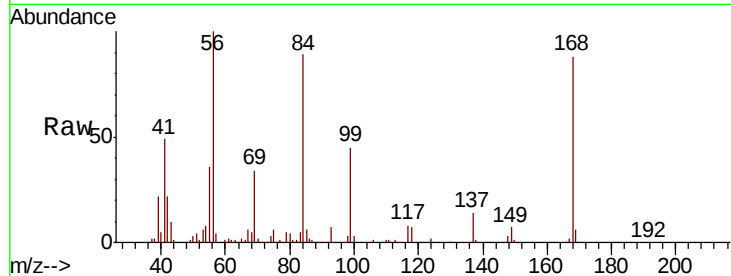
#31
Cyclohexane
Concen: 47.09 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. 0.00 min
Lab File: VN051130.D
Acq: 11 Sep 2018 16:26

Instrument :
MSVOA_N
ClientSampled :
EP1-MW-DMS

Tot Ion	Ratio	Resp	Lower	Upper
56	100	580781		
69	34.1		26.3	39.5
84	87.6		69.4	104.0

Manual Integrations
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9/12/2018 10:07:13 AM

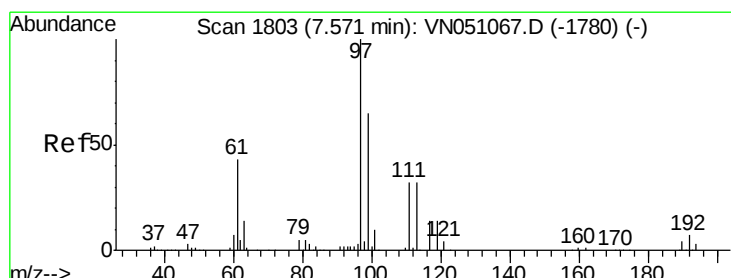
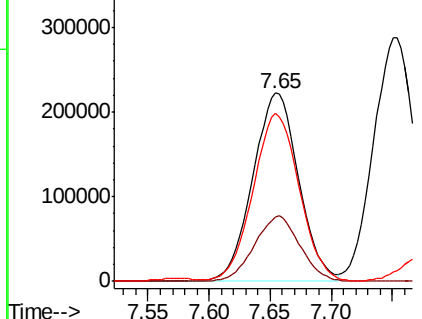
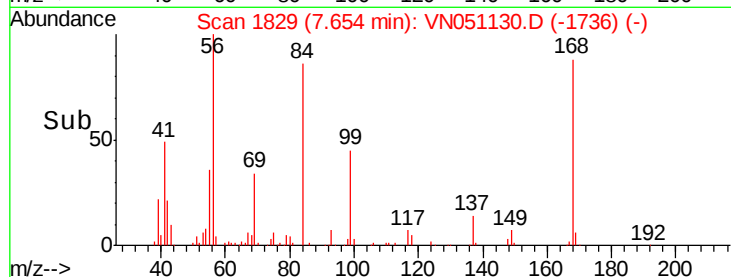


Abundance

Ion 56.00 (55.70 to 56.70): VN051130.D (-1736) (-)

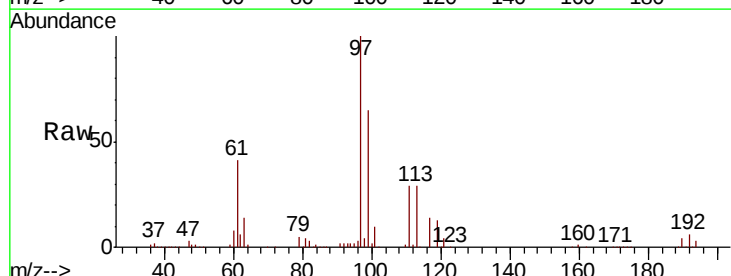
Ion 69.00 (68.70 to 69.70): VN051130.D (-1736) (-)

Ion 84.00 (83.70 to 84.70): VN051130.D (-1736) (-)



#32
1,1,1-Trichloroethane
Concen: 47.86 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VN051130.D
Acq: 11 Sep 2018 16:26

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	561075		
99	64.7		51.6	77.4
61	42.0		33.8	50.6

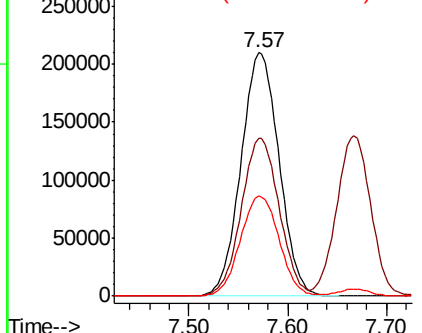
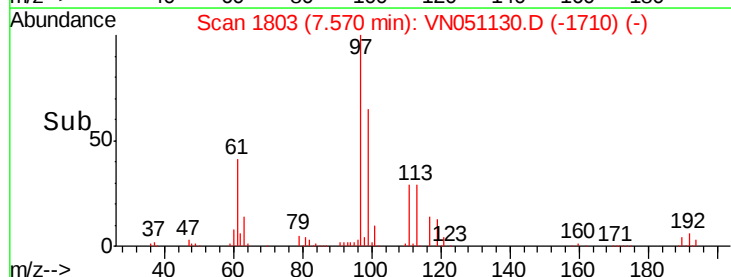


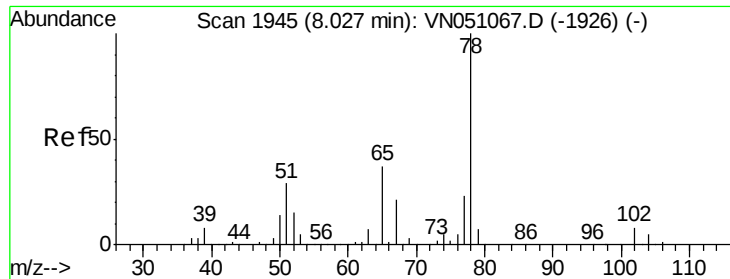
Abundance

Ion 96.90 (96.60 to 97.60): VN051130.D (-1710) (-)

Ion 98.90 (98.60 to 99.60): VN051130.D (-1710) (-)

Ion 60.90 (60.60 to 61.60): VN051130.D (-1710) (-)





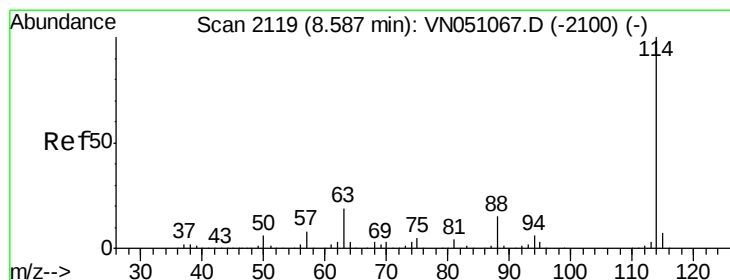
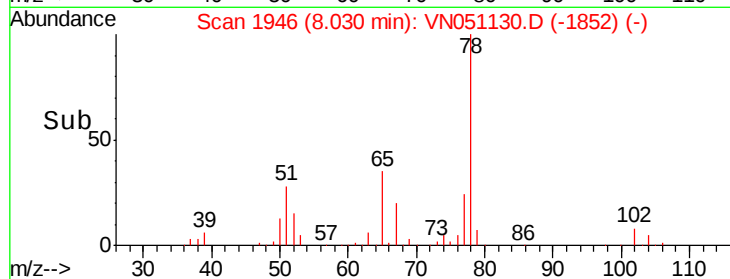
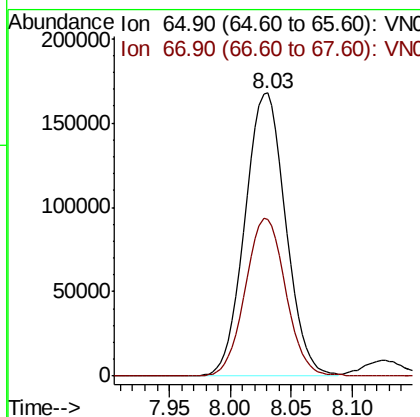
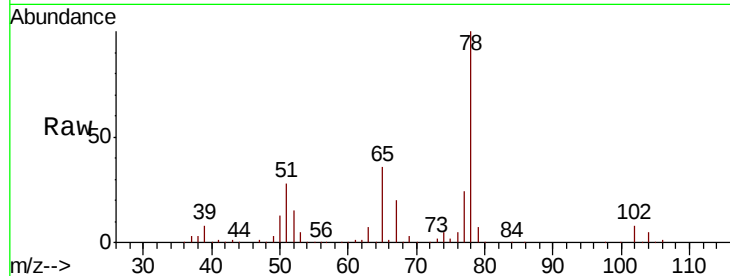
#33
 1,2-Dichloroethane-d4
 Concen: 51.56 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN051130.D
 Acq: 11 Sep 2018 16:26

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-DMS

Tot Ion	Ratio	Resp	Lower	Upper
65	100	387706		
67	55.2	0.0	112.0	

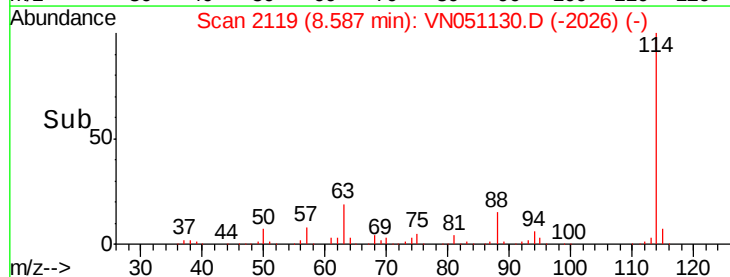
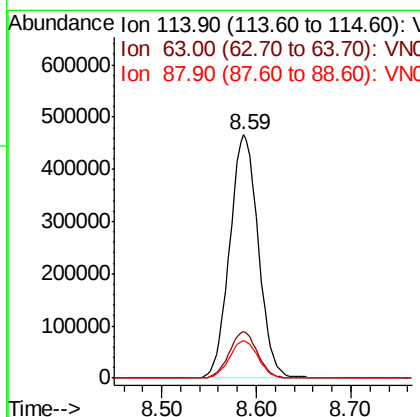
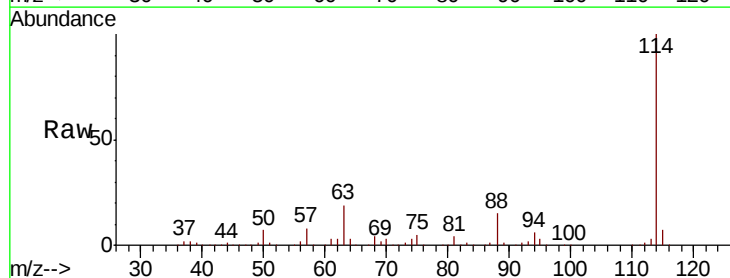
Manual Integrations
 APPROVED

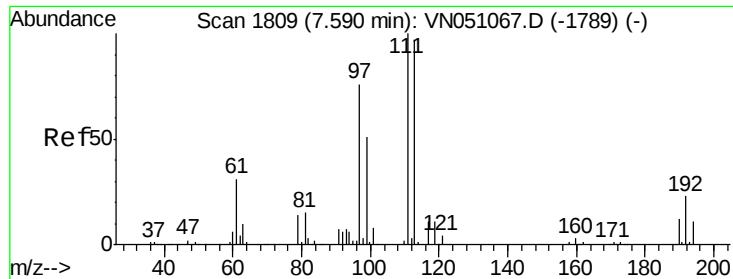
MMDadoda
 9/12/2018 10:07:13 AM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051130.D
 Acq: 11 Sep 2018 16:26

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	977220		
63	19.2	0.0	37.8	
88	15.4	0.0	30.8	





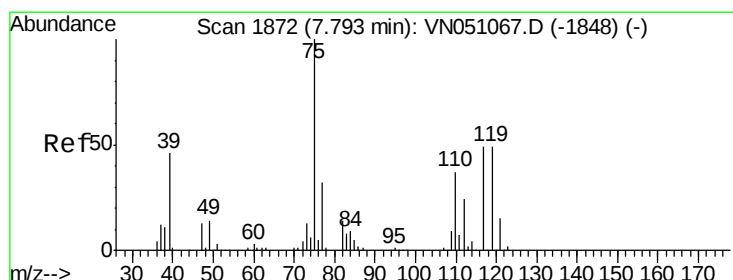
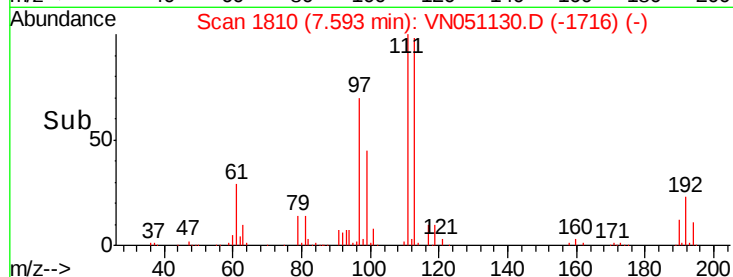
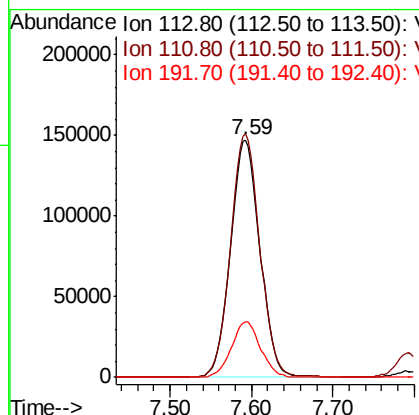
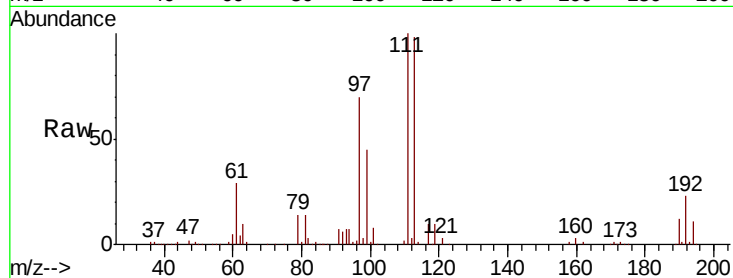
#35
 Dibromofluoromethane
 Concen: 50.57 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051130.D
 Acq: 11 Sep 2018 16:26

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-DMS

Tot Ion	Ratio	Resp	Lower	Upper
113	100	371345		
111	102.4	83.0	124.6	
192	23.2	18.7	28.1	

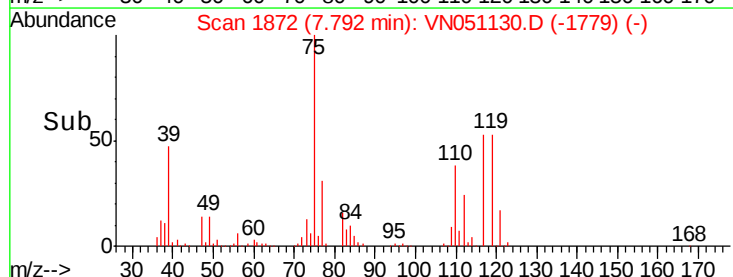
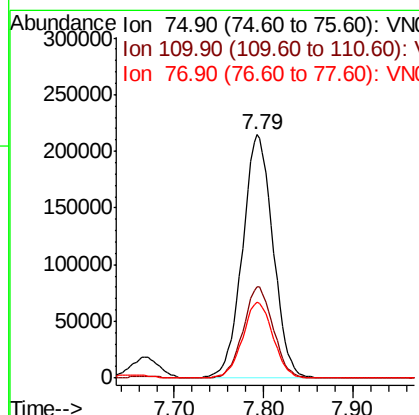
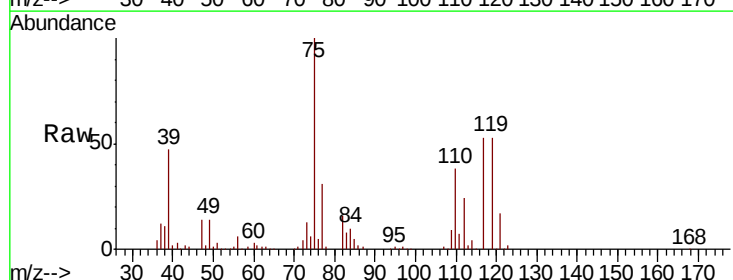
Manual Integrations
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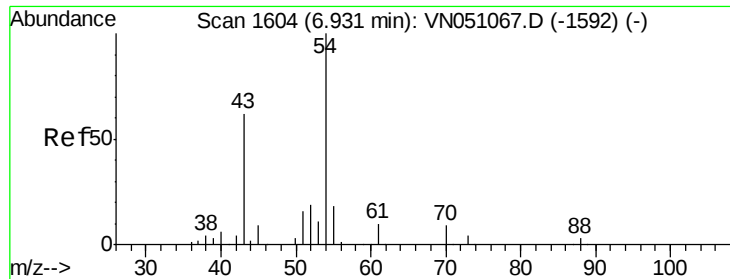
MMDadoda
 9/12/2018 10:07:13 AM



#36
 1,1-Dichloropropene
 Concen: 47.22 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. -0.00 min
 Lab File: VN051130.D
 Acq: 11 Sep 2018 16:26

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	506592		
110	37.1	18.6	55.8	
77	31.3	25.2	37.8	





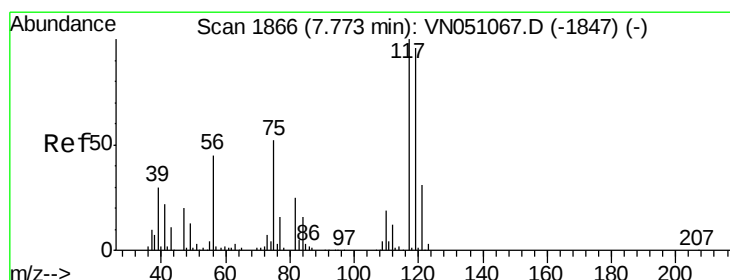
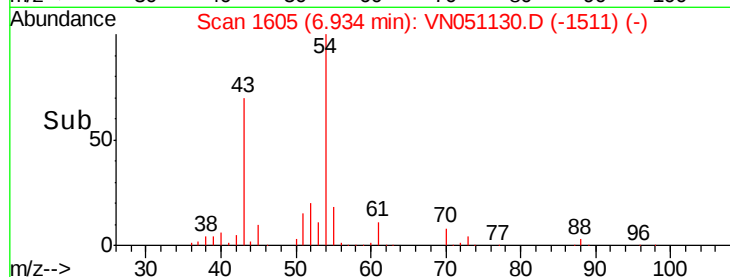
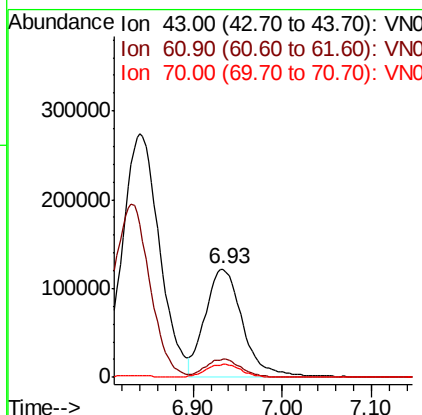
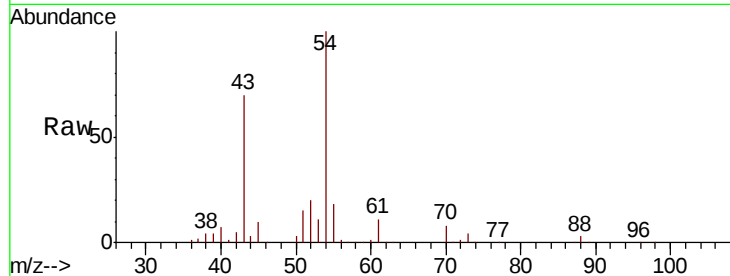
#37
Ethyl Acetate
Concen: 56.45 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VN051130.D
Acq: 11 Sep 2018 16:26

Instrument :
MSVOA_N
ClientSampled :
EP1-MW-DMS

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.5	12.4	18.6
70	11.6	9.3	13.9

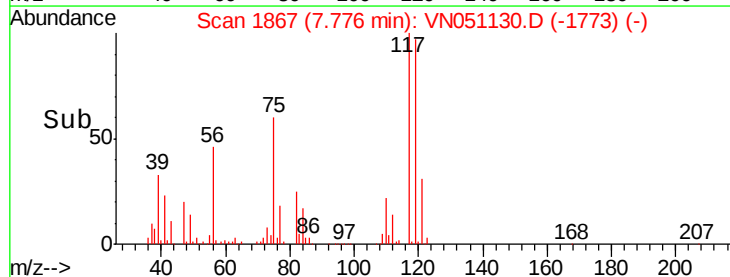
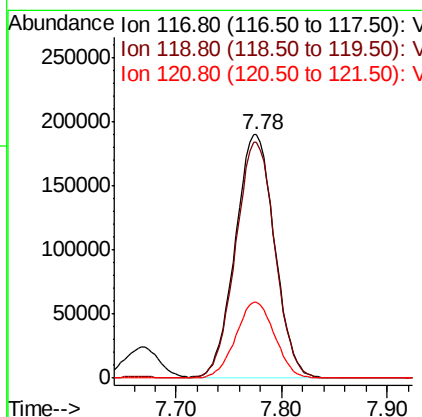
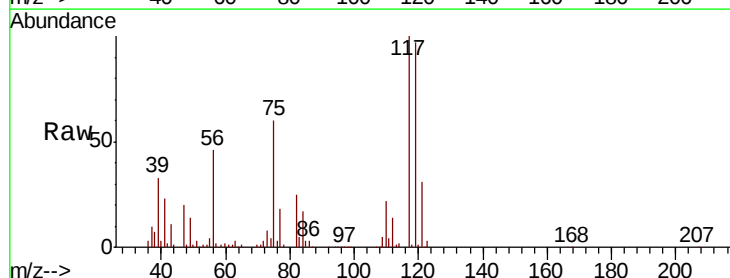
Manual Integrations
APPROVED

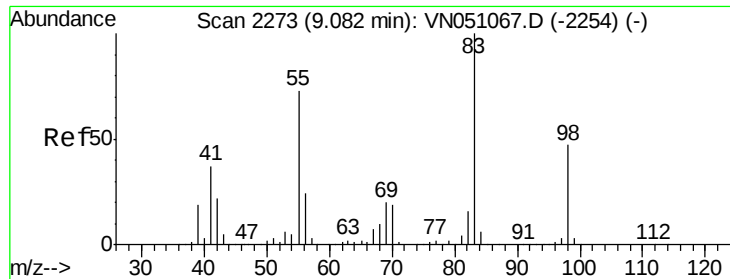
MMDadoda
9/12/2018 10:07:13 AM



#38
Carbon Tetrachloride
Concen: 46.48 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN051130.D
Acq: 11 Sep 2018 16:26

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.7	76.8	115.2
121	31.2	24.6	36.8





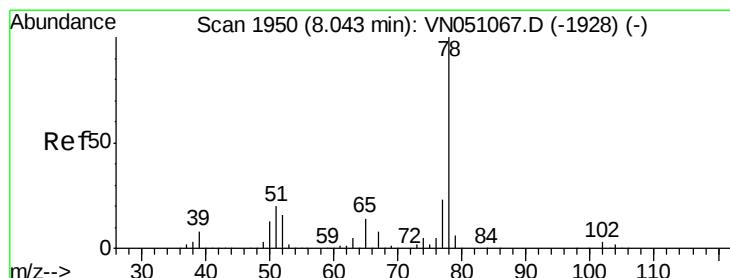
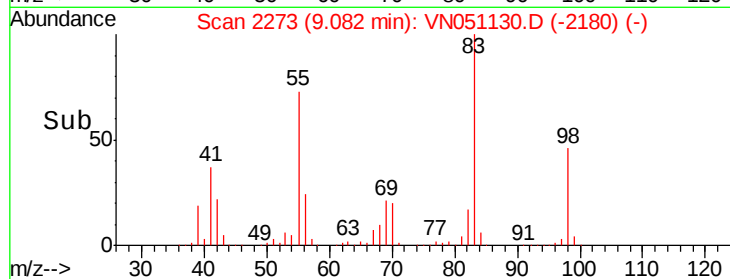
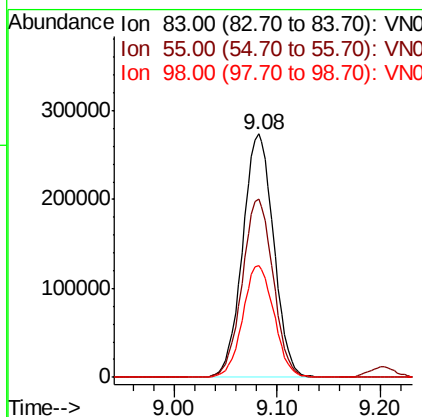
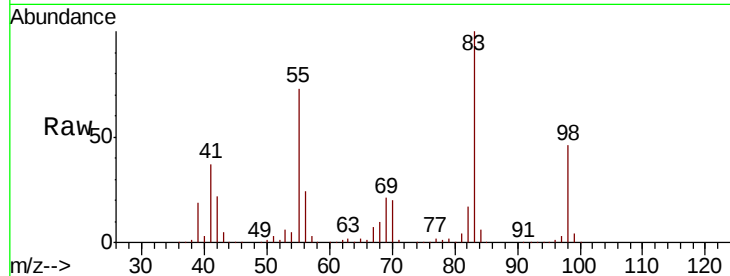
#39
Methvlcvclohexane
Concen: 48.37 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN051130.D
Acq: 11 Sep 2018 16:26

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-DMS

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.2	58.4	87.6
98	46.2	37.3	55.9

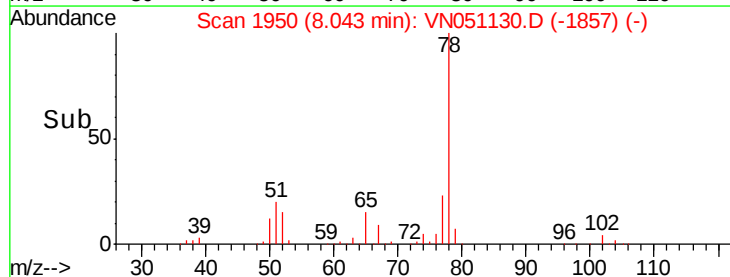
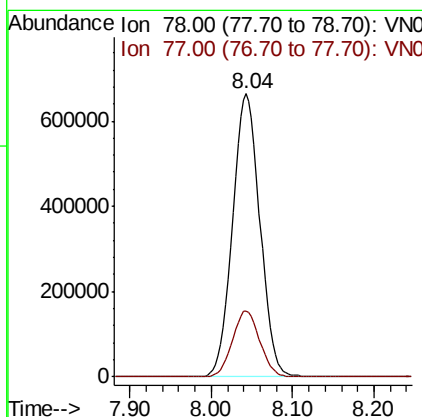
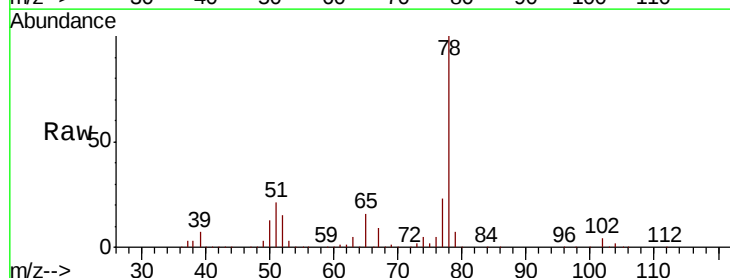
Manual Integrations
APPROVED

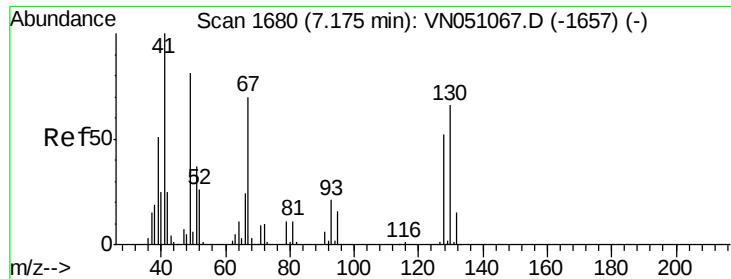
MMDadoda
9/12/2018 10:07:13 AM



#40
Benzene
Concen: 47.99 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. -0.00 min
Lab File: VN051130.D
Acq: 11 Sep 2018 16:26

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.6	27.8





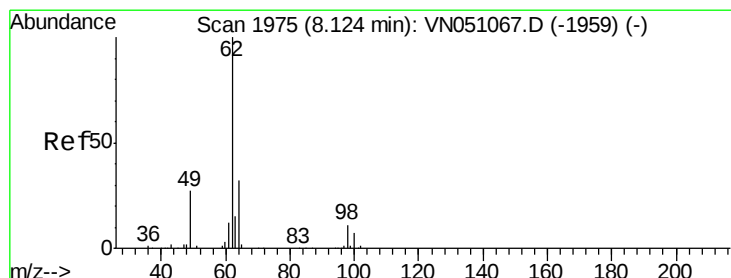
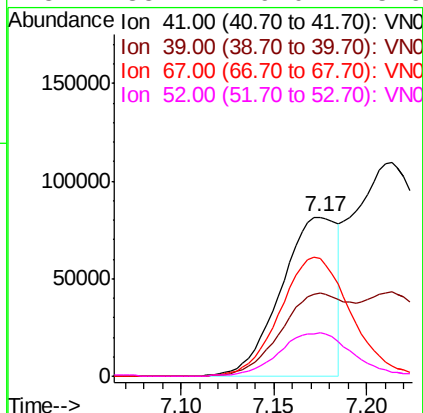
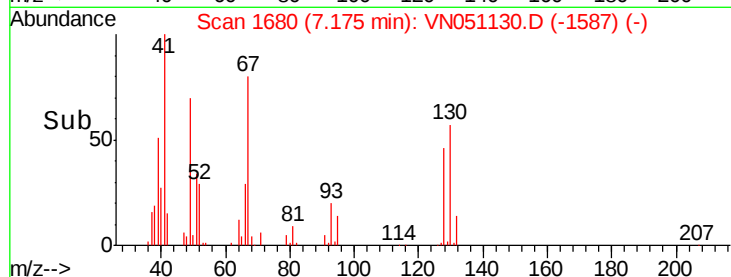
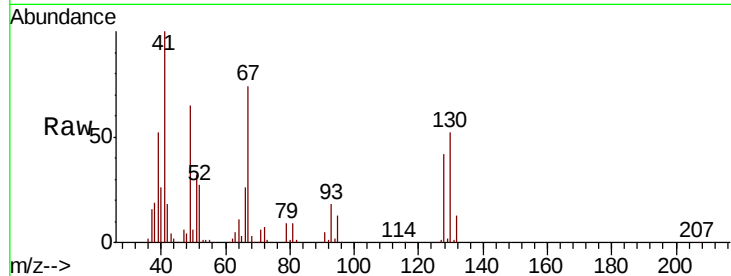
#41
Methacrylonitrile
Concen: 53.41 ug/l
RT: 7.17 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VN051130.D
Acq: 11 Sep 2018 16:26

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-DMS

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	64.8	51.3	76.9	
67	95.0	78.5	117.7	
52	35.7	29.0	43.6	

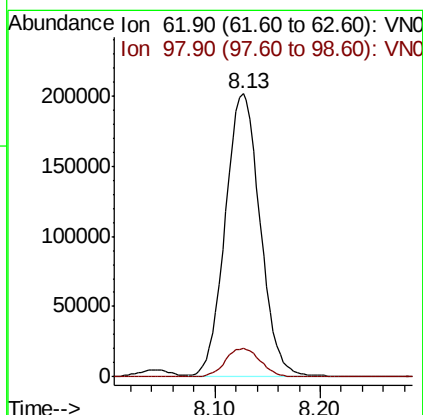
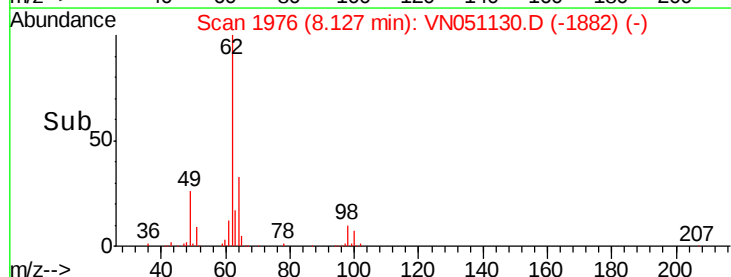
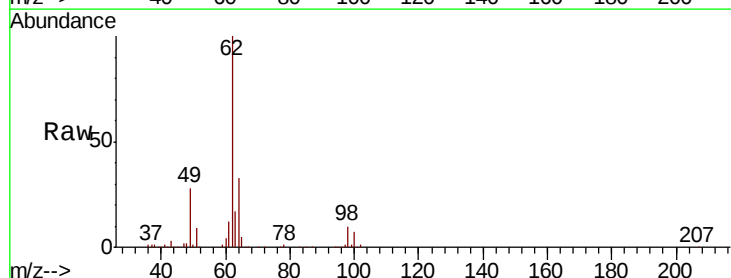
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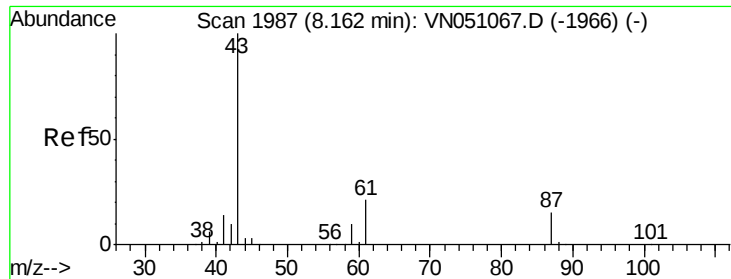
MMDadoda
9/12/2018 10:07:13 AM



#42
1,2-Dichloroethane
Concen: 48.83 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN051130.D
Acq: 11 Sep 2018 16:26

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.3	0.0	21.0	





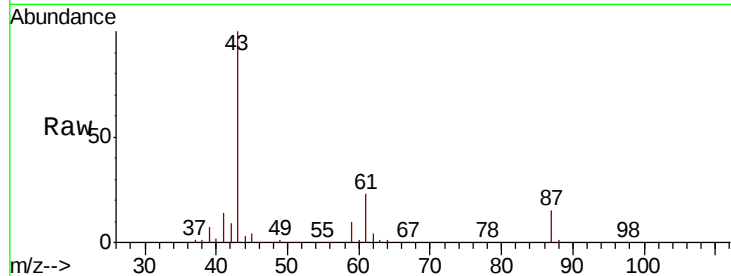
#43
Isopropyl Acetate
Concen: 55.98 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VN051130.D
Acq: 11 Sep 2018 16:26

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-DMS

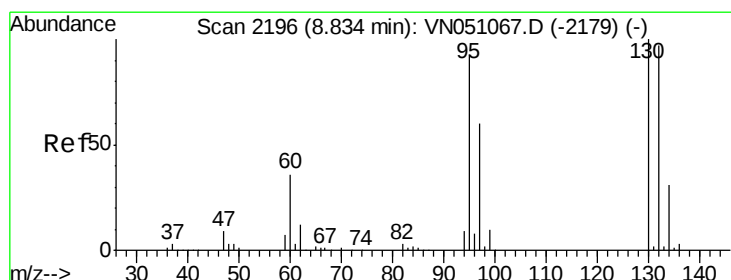
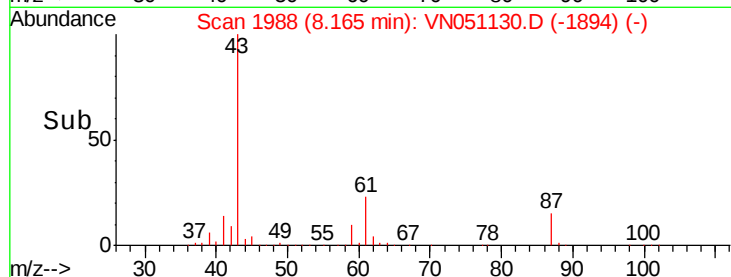
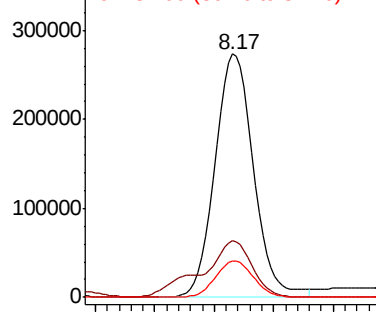
Tot Ion	Ratio	Lower	Upper
43	100		
61	22.3	25.0	37.6#
87	14.7	11.8	17.8

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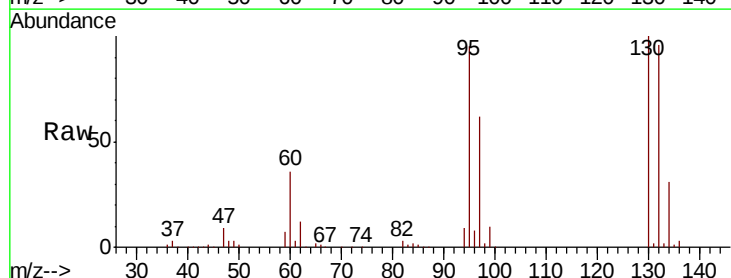


Abundance Ion 43.00 (42.70 to 43.70): VN051130.D (-1966) (-)

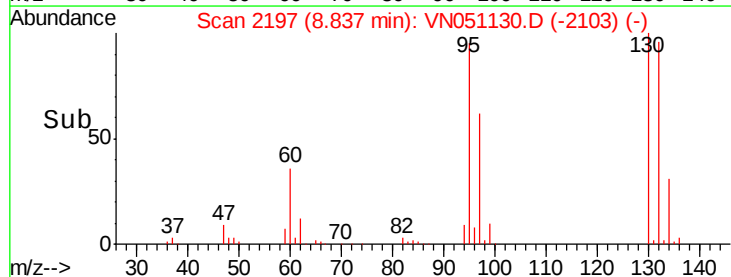
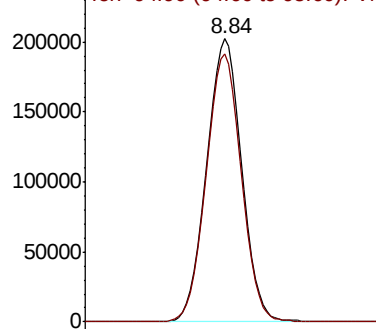


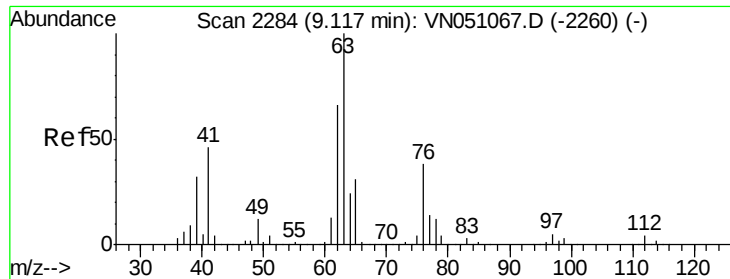
#44
Trichloroethene
Concen: 46.59 ug/l
RT: 8.84 min Scan# 2197
Delta R.T. 0.00 min
Lab File: VN051130.D
Acq: 11 Sep 2018 16:26

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.7	0.0	186.2



Abundance Ion 129.80 (129.50 to 130.50): VN051130.D (-2179) (-)





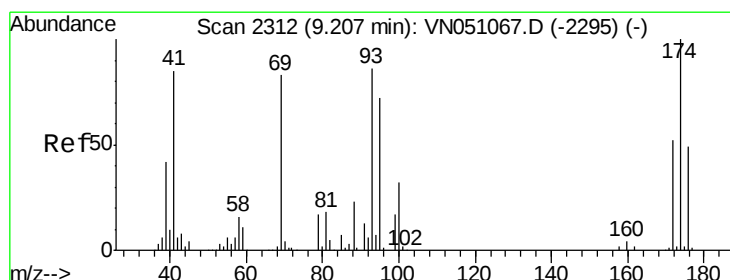
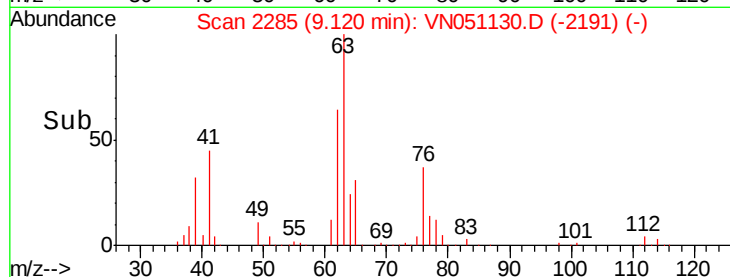
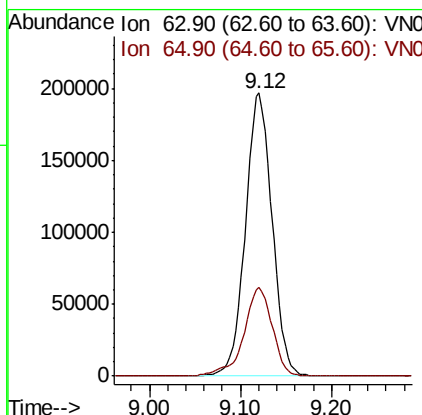
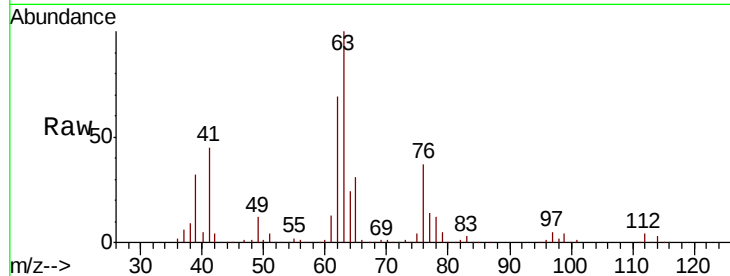
#45
 1,2-Dichloropropane
 Concen: 48.02 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN051130.D
 Acq: 11 Sep 2018 16:26

Instrument :
 MSVOA_N
 ClientSampled :
 EP1-MW-DMS

Tot Ion: 63 Resp: 401120
 Ion Ratio Lower Upper
 63 100
 65 31.2 24.7 37.1

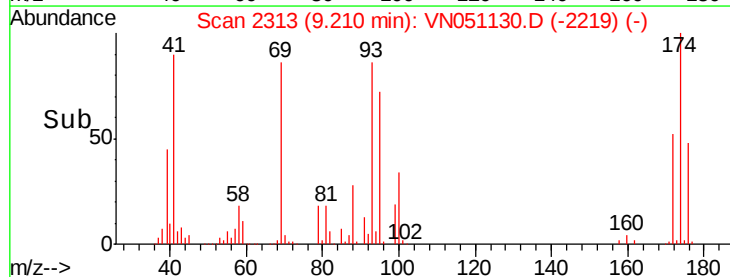
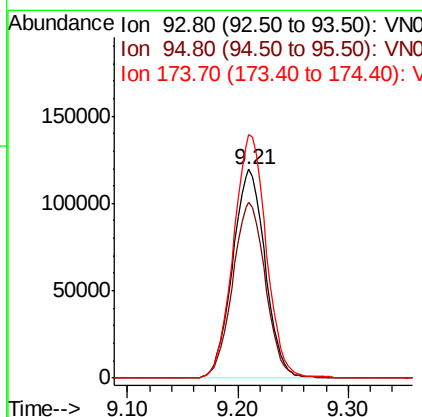
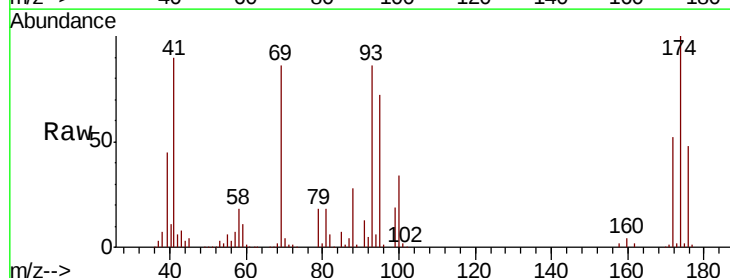
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#46
 Dibromomethane
 Concen: 48.05 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN051130.D
 Acq: 11 Sep 2018 16:26

Tgt Ion: 93 Resp: 244917
 Ion Ratio Lower Upper
 93 100
 95 84.7 66.8 100.2
 174 117.3 93.3 139.9





#47

Bromodichloromethane

Concen: 48.67 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN051130.D

Acq: 11 Sep 2018 16:26

Instrument :

MSVOA_N

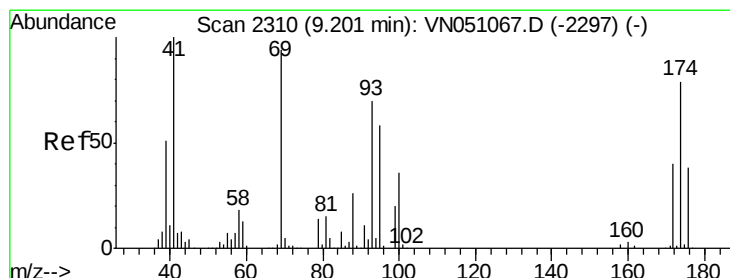
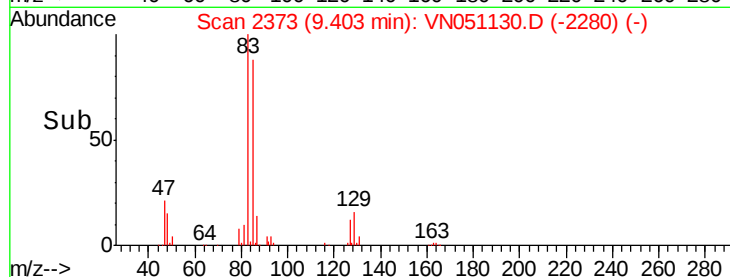
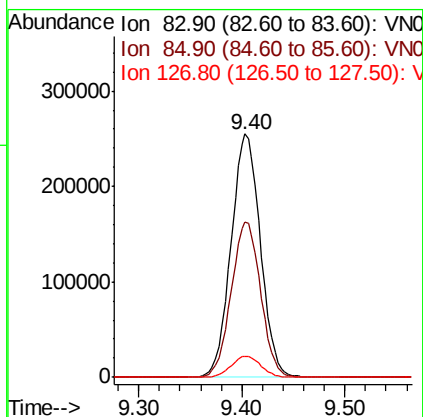
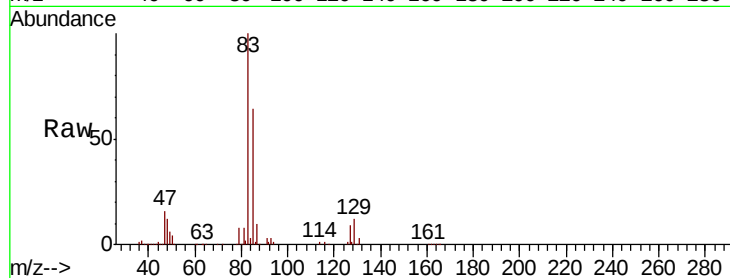
ClientSampleId :

EP1-MW-DMS

Tot Ion:	83	Resp:	504452
Ion Ratio	Lower	Upper	
83	100		
85	64.0	52.3	78.5
127	8.7	7.5	11.3

Manual Integrations
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#48

Methyl methacrylate

Concen: 57.53 ug/l

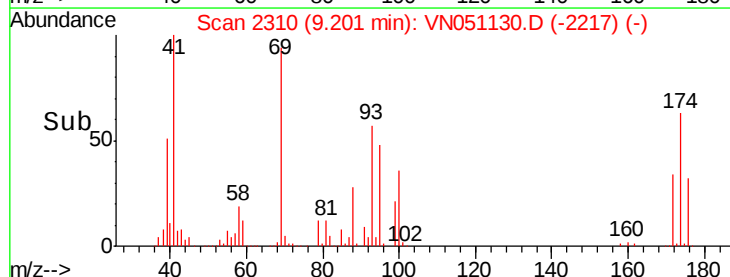
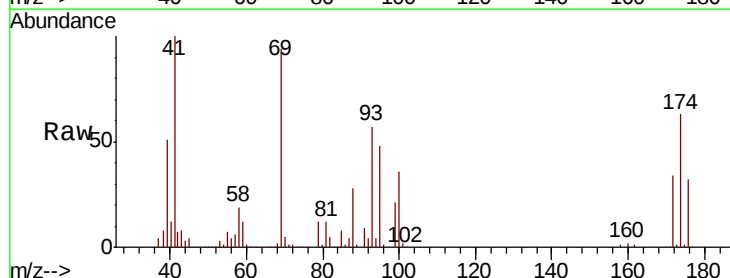
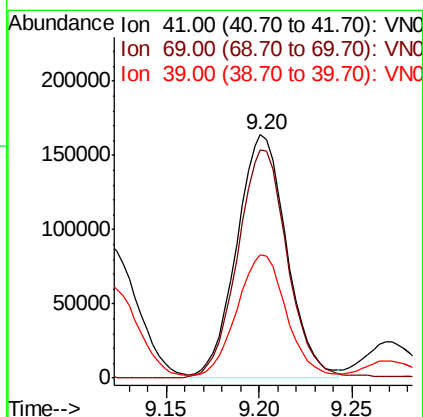
RT: 9.20 min Scan# 2310

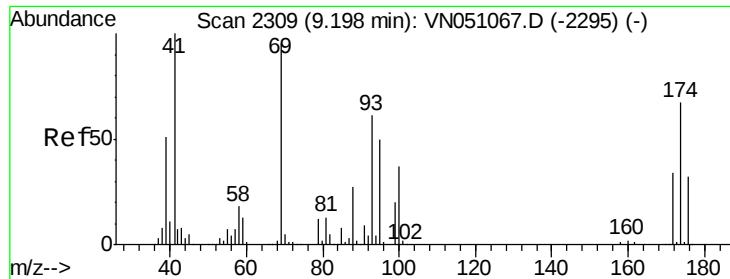
Delta R.T. -0.00 min

Lab File: VN051130.D

Acq: 11 Sep 2018 16:26

Tgt Ion:	41	Resp:	307390
Ion Ratio	Lower	Upper	
41	100		
69	94.6	77.7	116.5
39	50.4	41.6	62.4





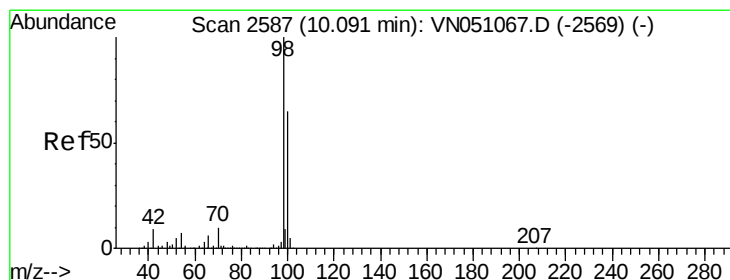
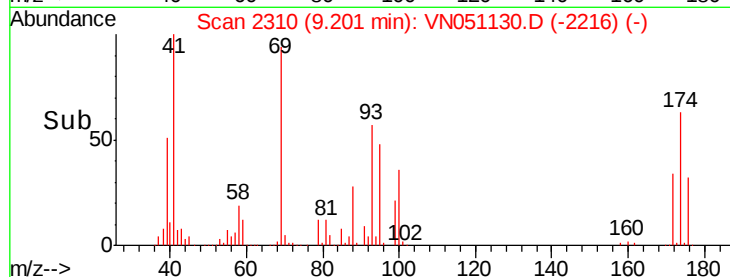
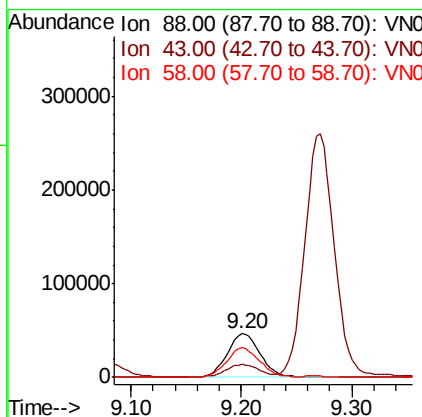
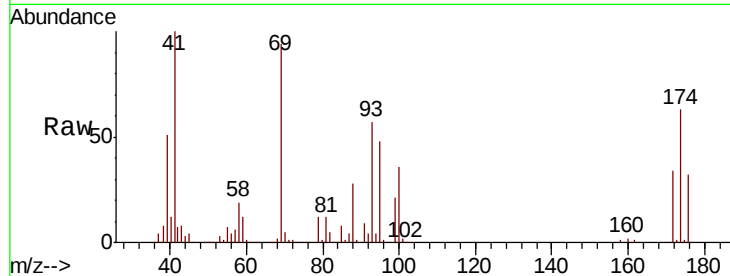
#49
1,4-Dioxane
Concen: 1164.38 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN051130.D
Acq: 11 Sep 2018 16:26

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-DMS

Tot Ion	88	Resp	97559
Ion	Ratio	Lower	Upper
88	100		
43	27.4	23.7	35.5
58	67.2	54.6	82.0

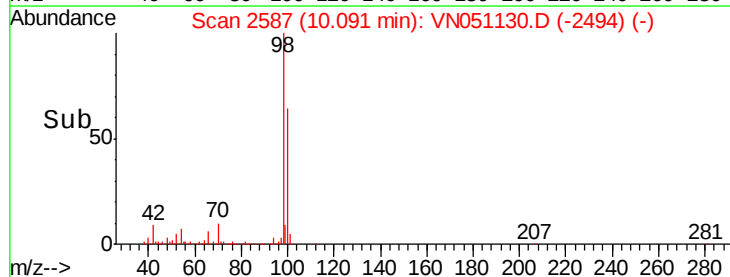
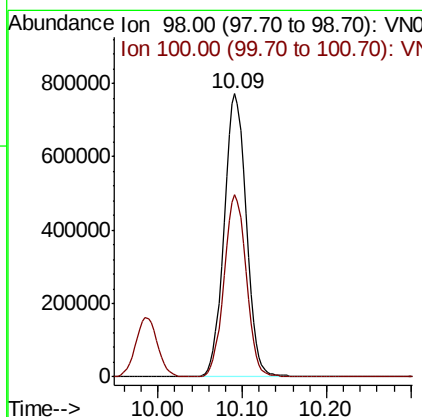
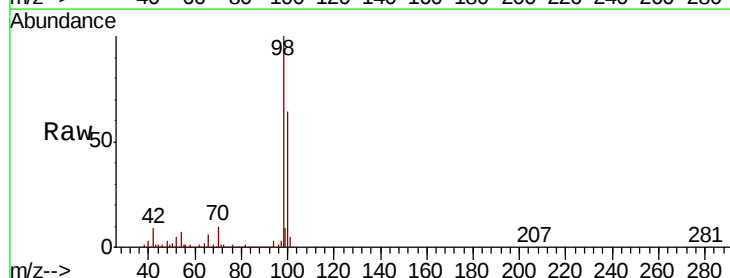
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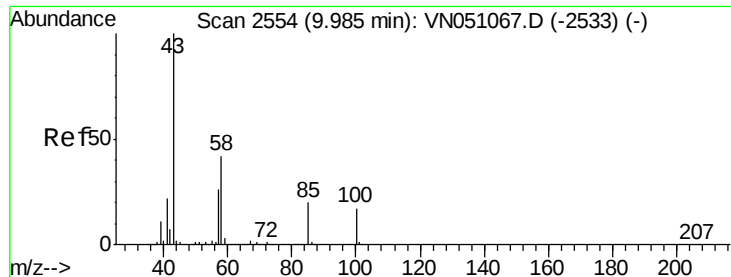
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#50
Toluene-d8
Concen: 50.60 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN051130.D
Acq: 11 Sep 2018 16:26

Tgt Ion	98	Resp	1409841
Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.0	78.0





#51

4-Methyl-2-Pentanone

Concen: 288.43 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN051130.D

Acq: 11 Sep 2018 16:26

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-DMS

Tot Ion: 43 Resp: 1748796

Ion Ratio Lower Upper

43 100

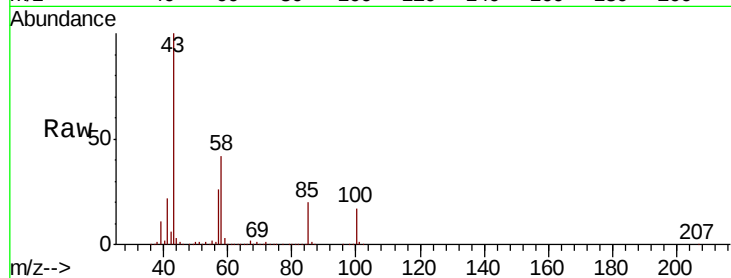
58 41.8 33.5 50.3

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VN051067.D (-2533) (-)

Ion 58.00 (57.70 to 58.70): VN051067.D (-2533) (-)

9.99

1000000

800000

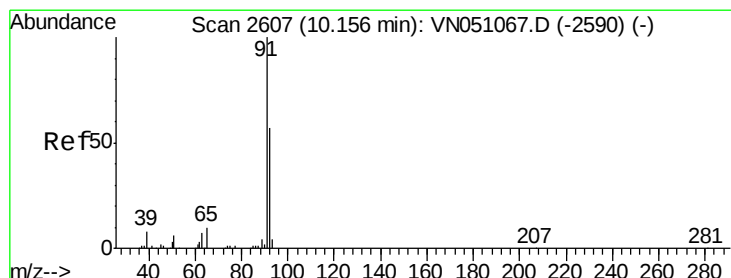
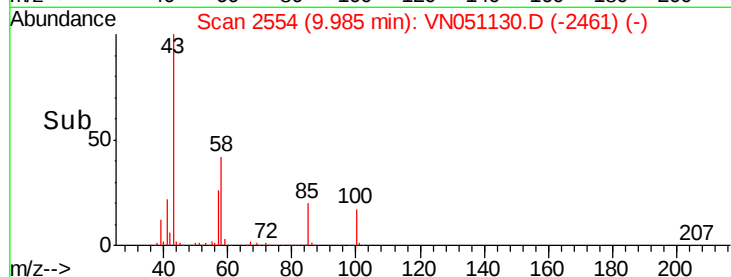
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 48.83 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN051130.D

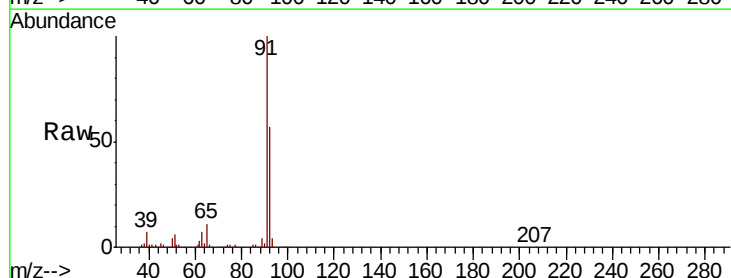
Acq: 11 Sep 2018 16:26

Tgt Ion: 92 Resp: 962541

Ion Ratio Lower Upper

92 100

91 175.5 139.5 209.3



Abundance Ion 92.00 (91.70 to 92.70): VN051067.D (-2590) (-)

Ion 91.00 (90.70 to 91.70): VN051067.D (-2590) (-)

10.16

1000000

800000

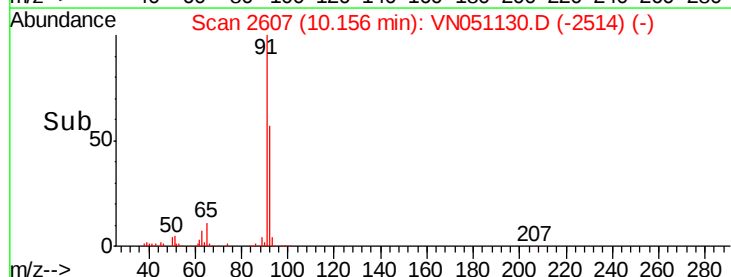
600000

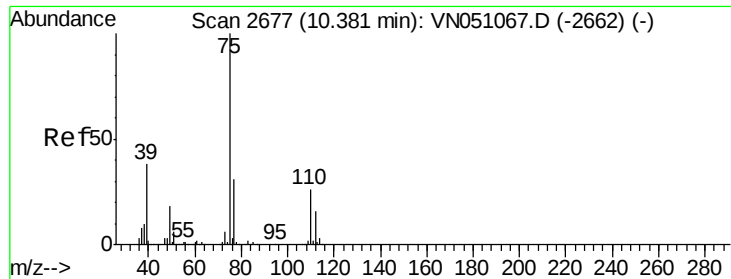
400000

200000

0

Time-->





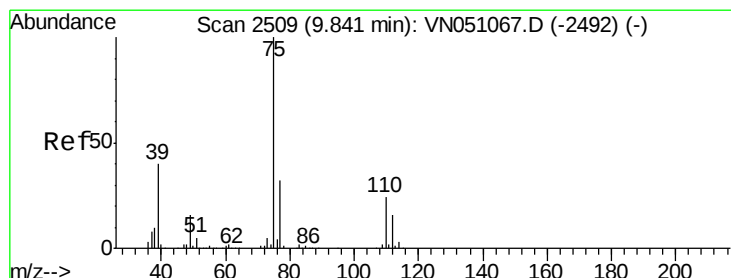
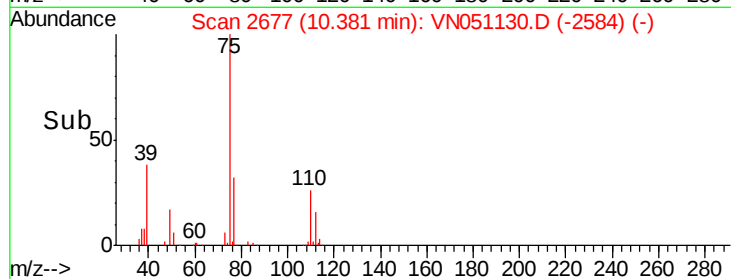
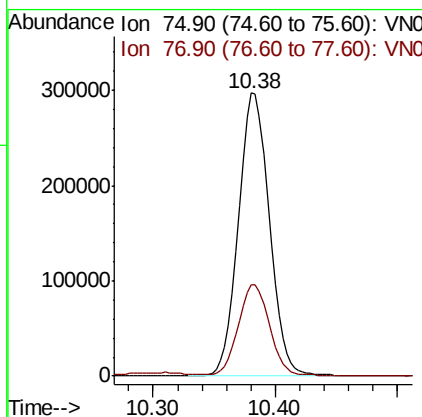
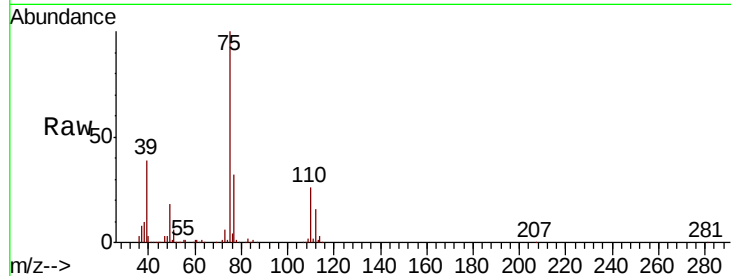
#53
t-1,3-Dichloropropene
Concen: 50.36 ug/l
RT: 10.38 min Scan# 2677
Delta R.T. -0.00 min
Lab File: VN051130.D
Acq: 11 Sep 2018 16:26

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-DMS

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.1	25.3	37.9

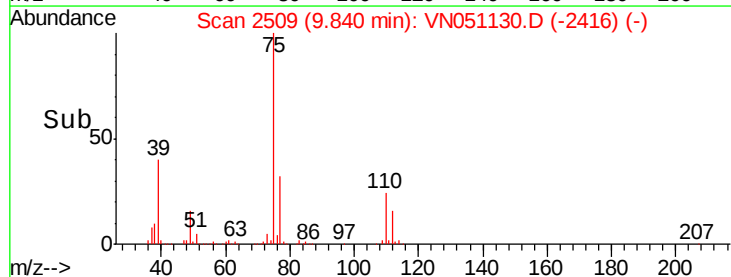
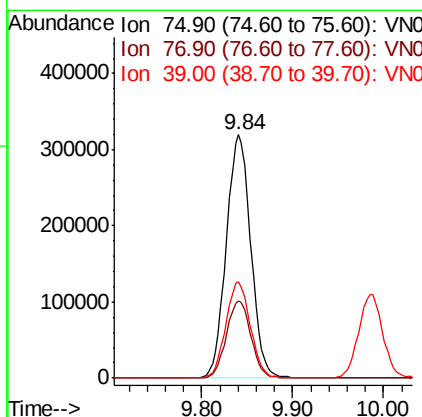
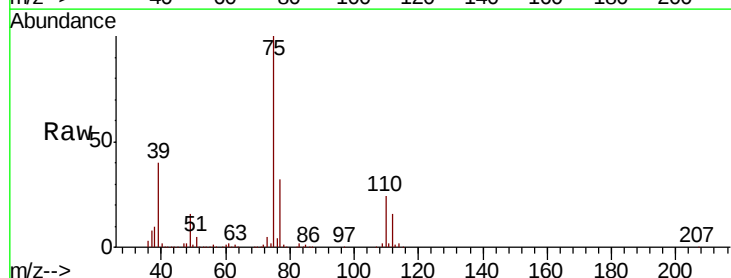
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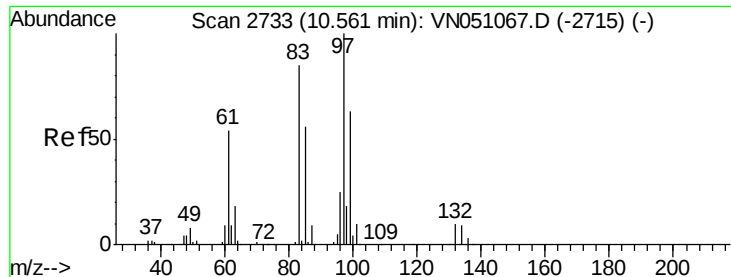
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#54
cis-1,3-Dichloropropene
Concen: 49.14 ug/l
RT: 9.84 min Scan# 2509
Delta R.T. -0.00 min
Lab File: VN051130.D
Acq: 11 Sep 2018 16:26

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.7	38.5
39	39.7	31.9	47.9





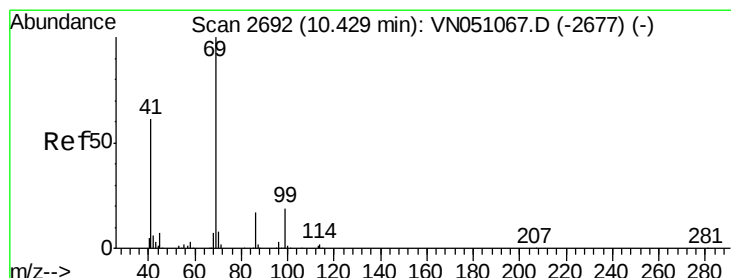
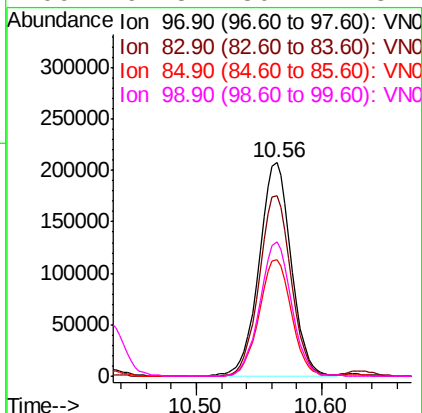
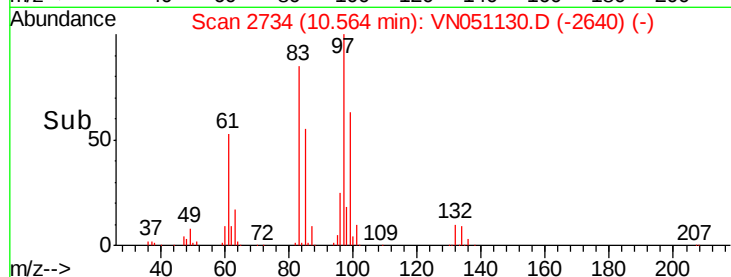
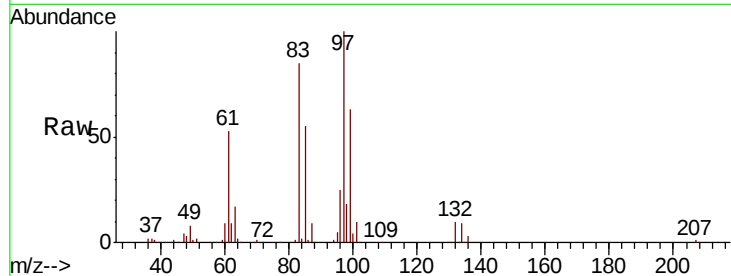
#55
 1,1,2-Trichloroethane
 Concen: 51.62 ug/l
 RT: 10.56 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN051130.D
 Acq: 11 Sep 2018 16:26

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-DMS

Tot Ion	Ratio	Lower	Upper
97	100		
83	84.8	68.2	102.2
85	54.9	44.8	67.2
99	62.8	50.2	75.4

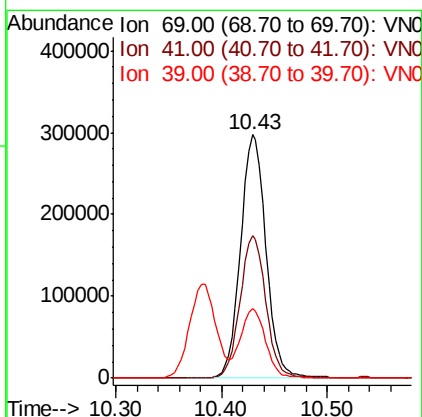
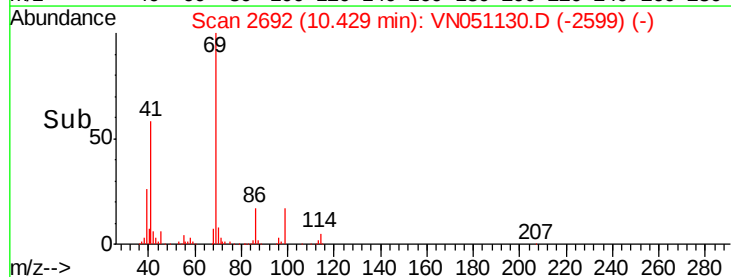
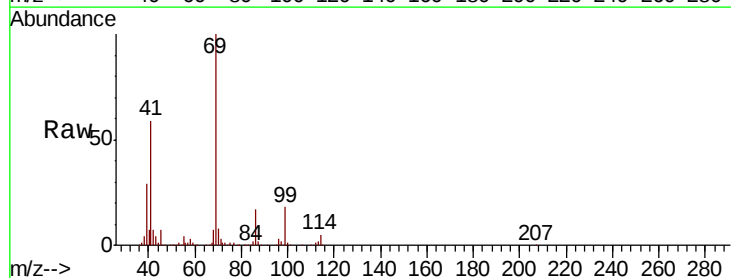
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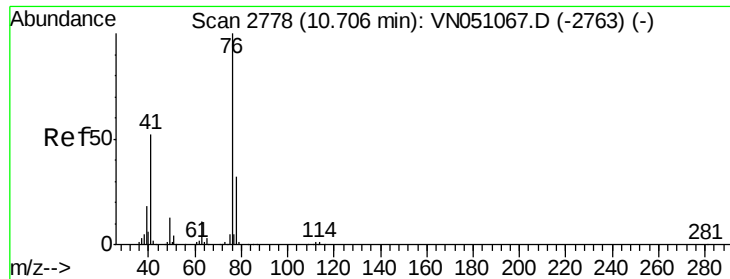
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#56
 Ethyl methacrylate
 Concen: 51.86 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. -0.00 min
 Lab File: VN051130.D
 Acq: 11 Sep 2018 16:26

Tgt Ion	Ratio	Lower	Upper
69	100		
41	58.4	47.8	71.8
39	28.3	23.0	34.4





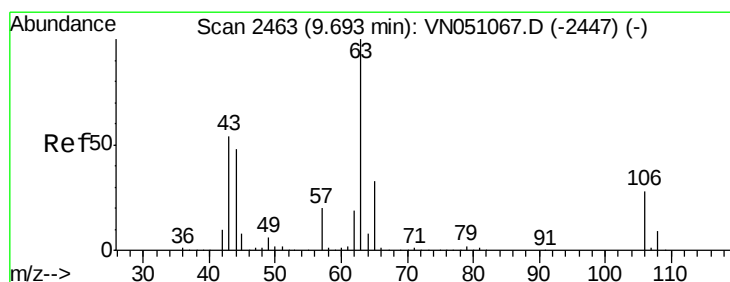
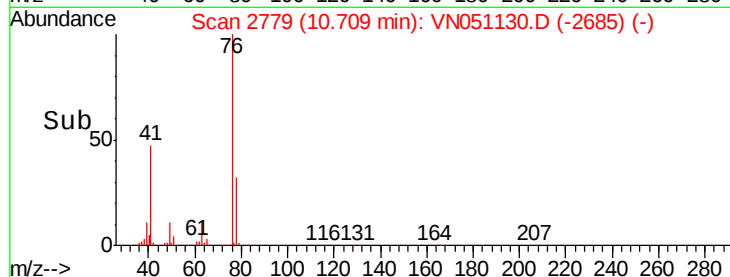
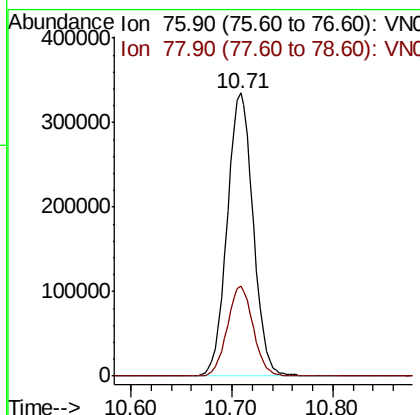
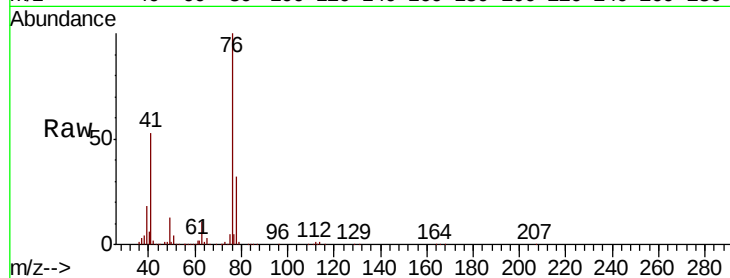
#57
 1,3-Dichloropropane
 Concen: 50.72 ug/l
 RT: 10.71 min Scan# 2779
 Delta R.T. 0.00 min
 Lab File: VN051130.D
 Acq: 11 Sep 2018 16:26

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-DMS

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.7	26.1	39.1

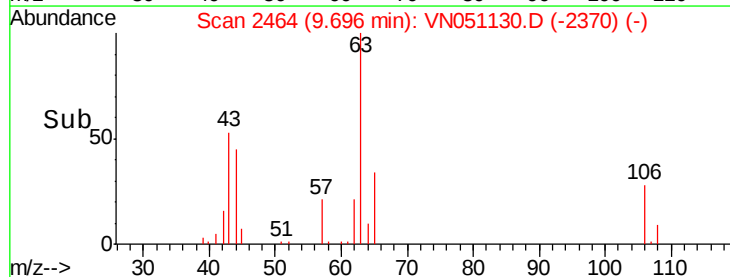
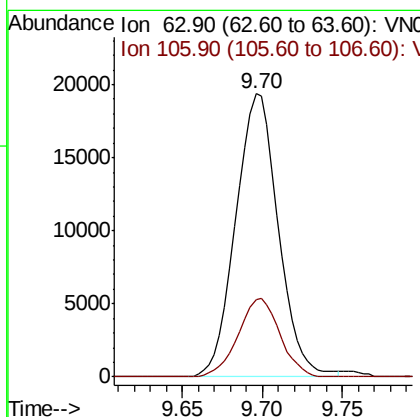
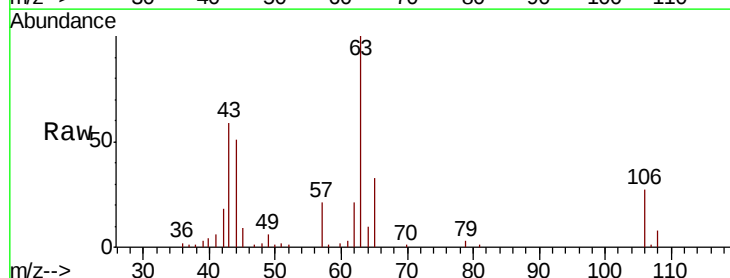
Manual Integrations
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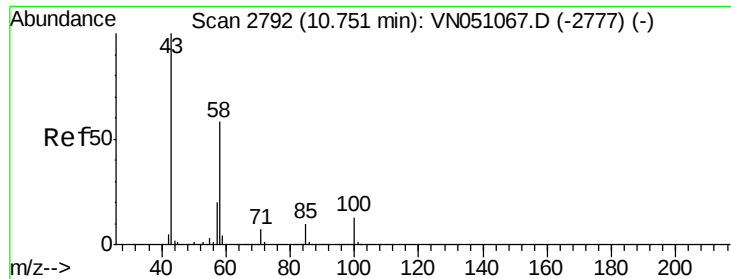
MMDadoda
 9/12/2018 10:07:13 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 23.41 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN051130.D
 Acq: 11 Sep 2018 16:26

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.0	22.5	33.7





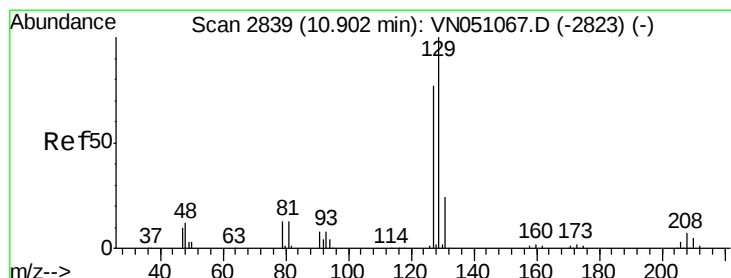
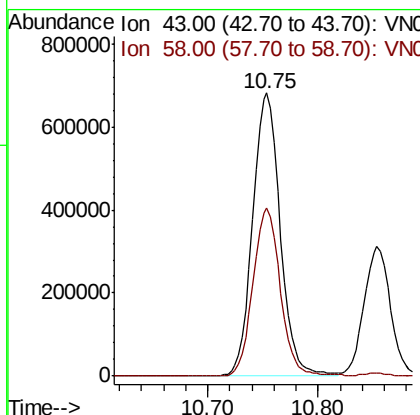
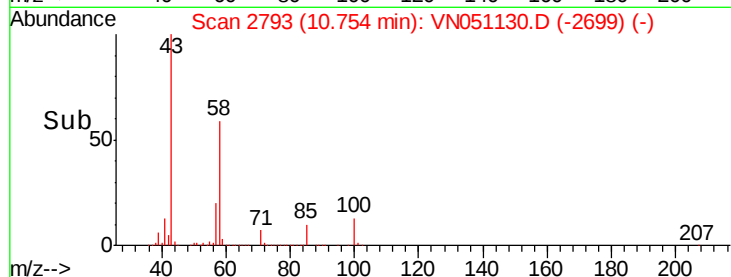
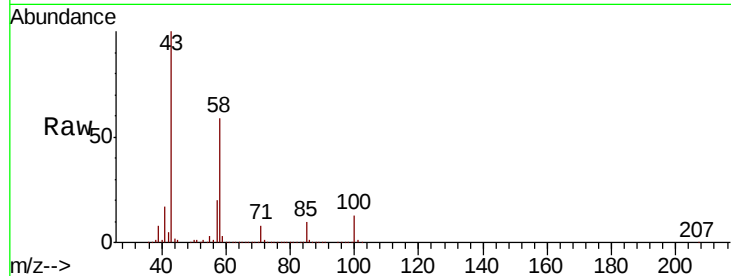
#59
2-Hexanone
Concen: 286.40 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN051130.D
Acq: 11 Sep 2018 16:26

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-DMS

Tot Ion: 43 Resp: 1177638
Ion Ratio Lower Upper
43 100
58 59.2 29.3 88.0

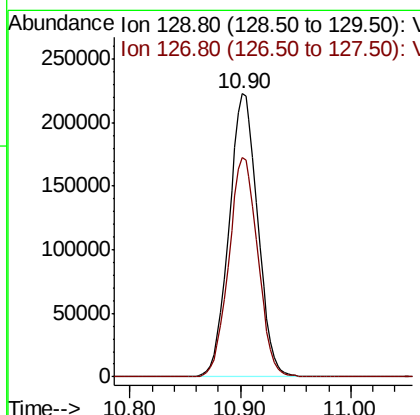
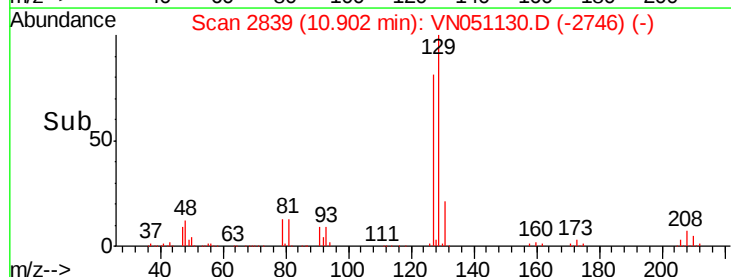
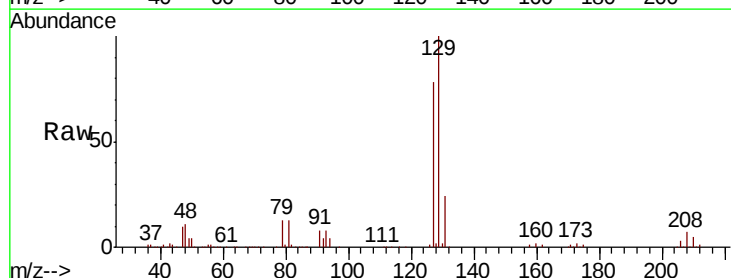
Manual Integrations
APPROVED

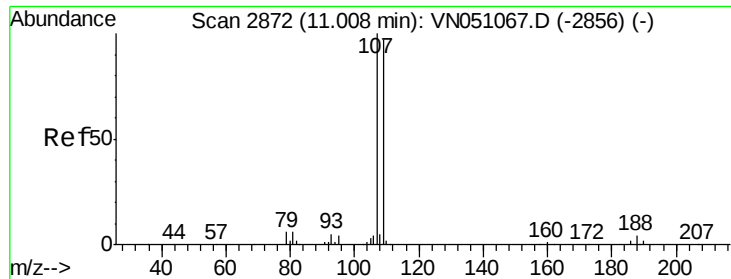
MMDadoda
9/12/2018 10:07:13 AM



#60
Dibromochloromethane
Concen: 49.75 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN051130.D
Acq: 11 Sep 2018 16:26

Tgt Ion: 129 Resp: 401533
Ion Ratio Lower Upper
129 100
127 78.3 38.5 115.5





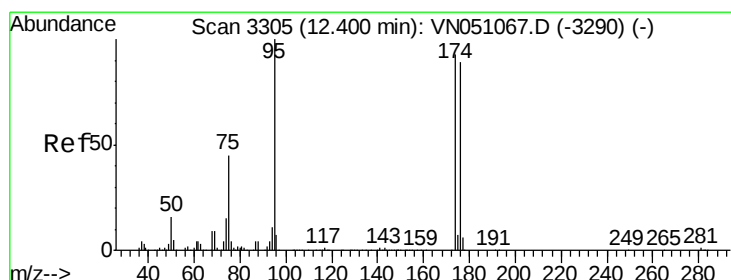
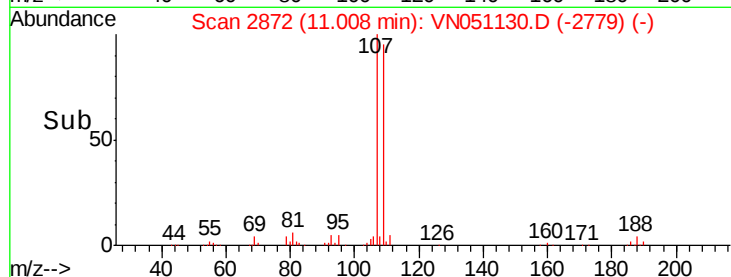
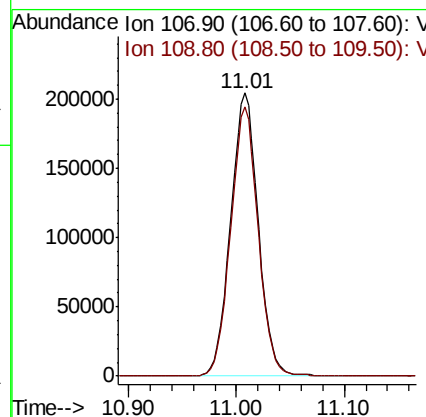
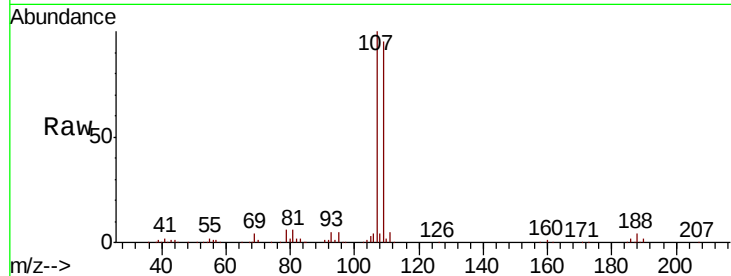
#61
 1,2-Dibromoethane
 Concen: 52.11 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. -0.00 min
 Lab File: VN051130.D
 Acq: 11 Sep 2018 16:26

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-DMS

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.6	76.0	114.0

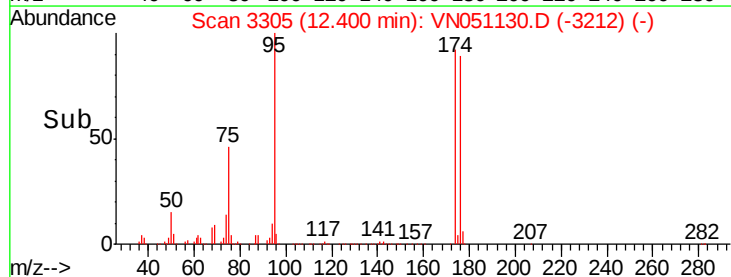
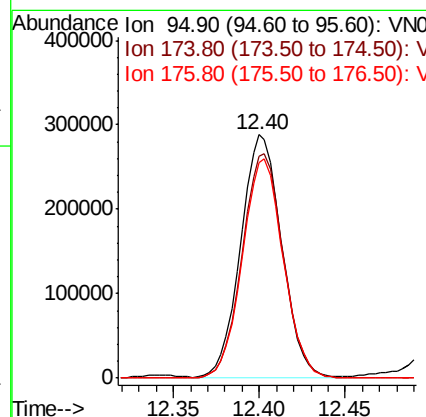
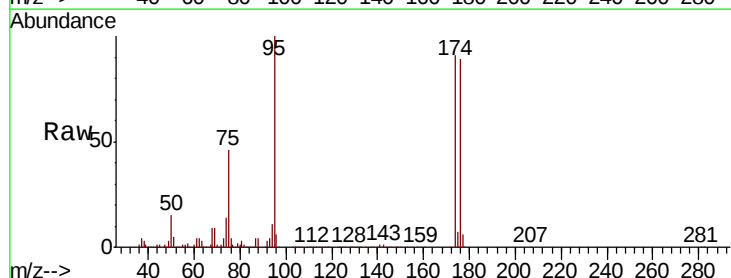
Manual Integrations
 APPROVED

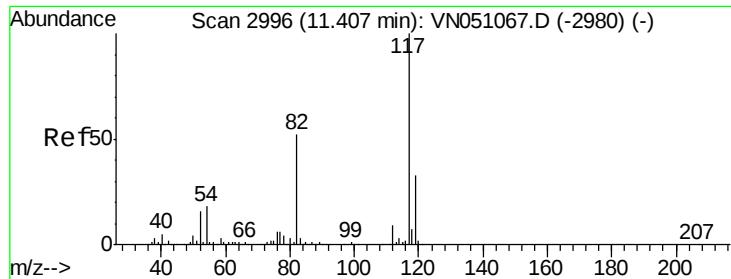
MMDadoda
 9/12/2018 10:07:13 AM



#62
 4-Bromofluorobenzene
 Concen: 51.29 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN051130.D
 Acq: 11 Sep 2018 16:26

Tgt Ion	Ratio	Lower	Upper
95	100		
174	93.8	0.0	184.8
176	90.8	0.0	178.6





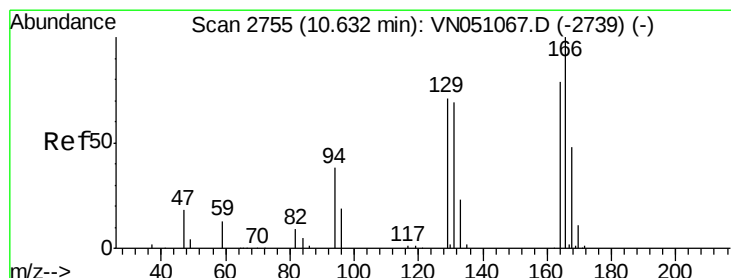
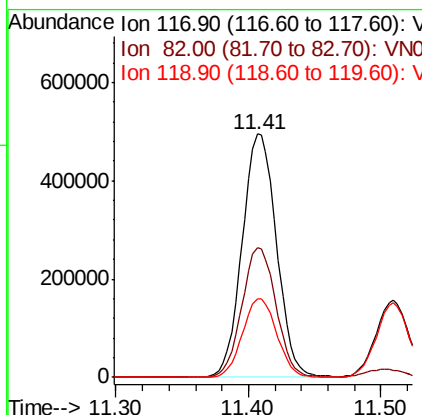
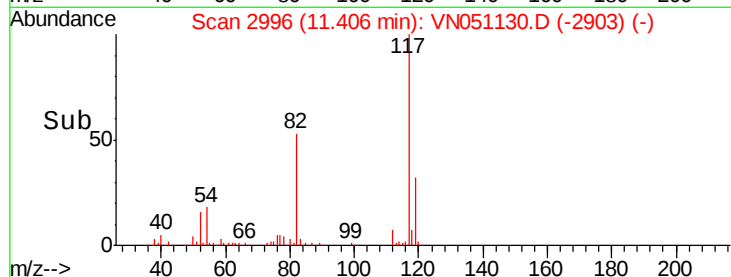
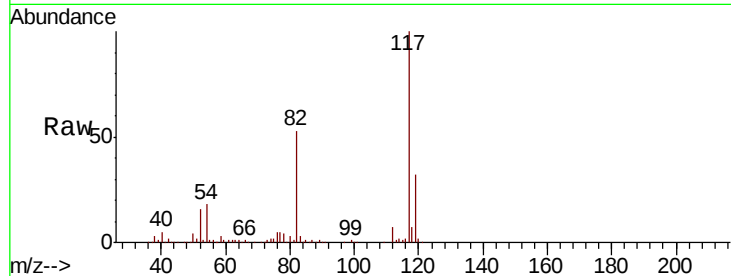
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN051130.D
Acq: 11 Sep 2018 16:26

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-DMS

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.4	41.8	62.6
119	32.0	26.2	39.2

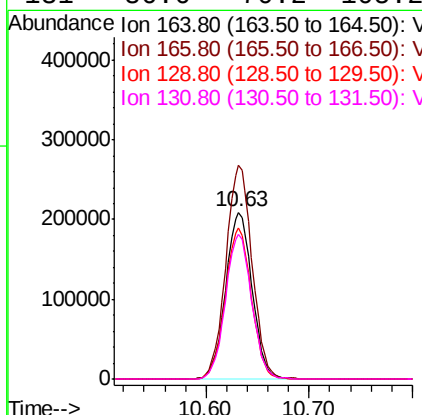
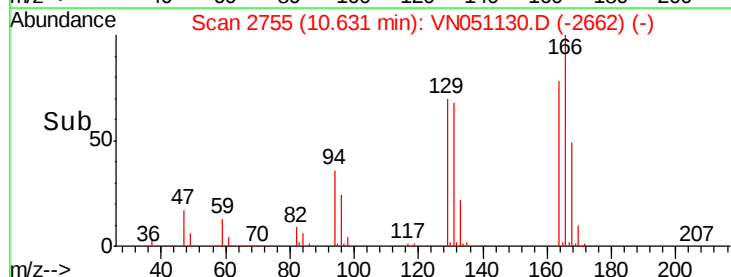
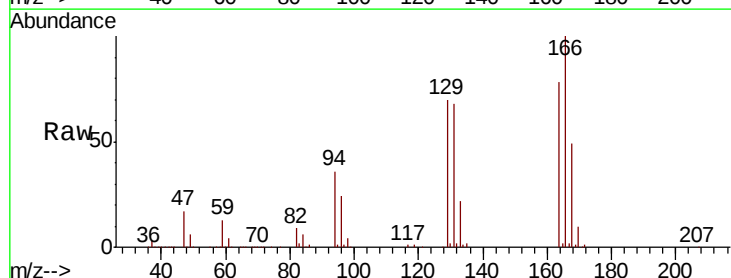
Manual Integrations
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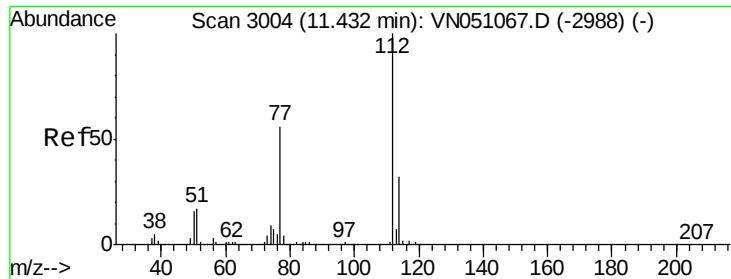
MMDadoda
9/12/2018 10:07:13 AM



#64
Tetrachloroethene
Concen: 45.86 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN051130.D
Acq: 11 Sep 2018 16:26

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.1	101.3	151.9
129	90.3	72.2	108.2
131	86.6	70.2	105.2





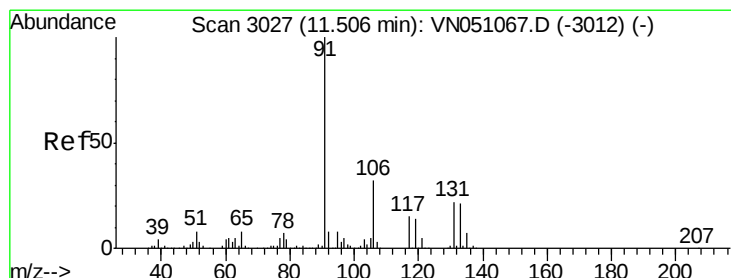
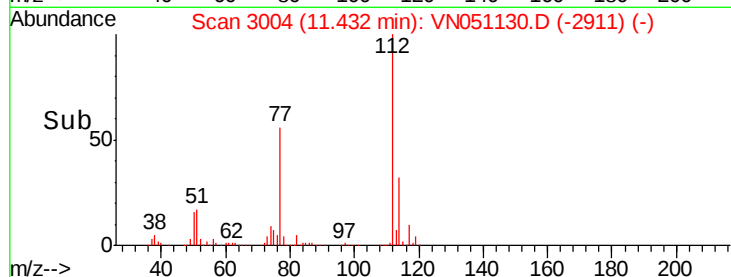
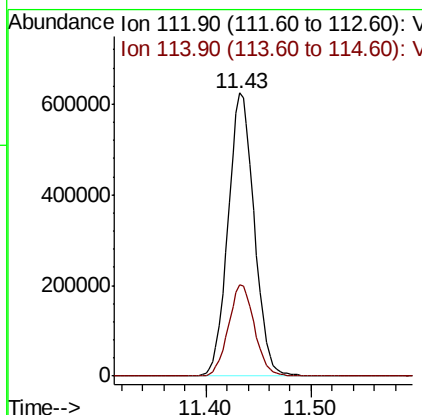
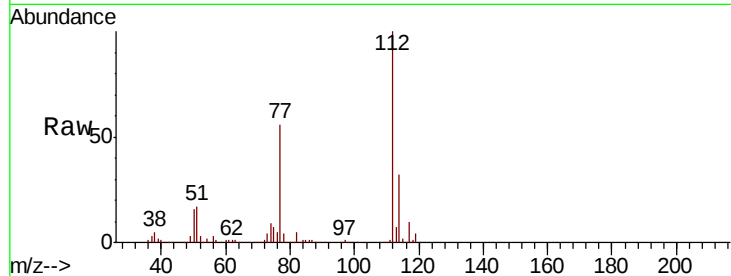
#65
Chlorobenzene
Concen: 47.64 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN051130.D
Acq: 11 Sep 2018 16:26

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-DMS

Tot Ion:112 Resp: 1070313
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.6

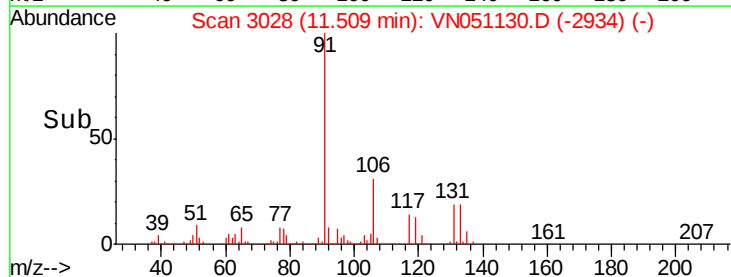
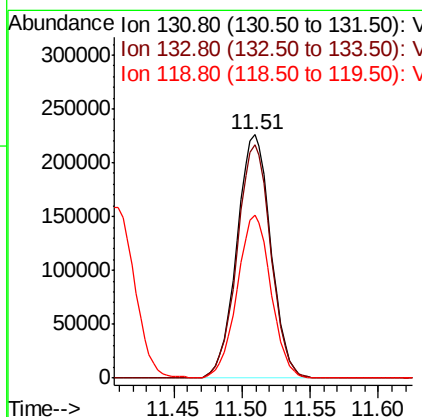
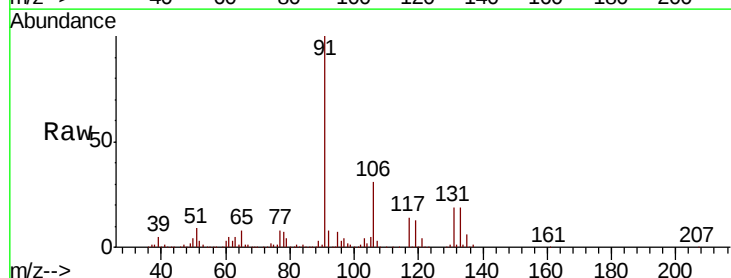
Manual Integrations
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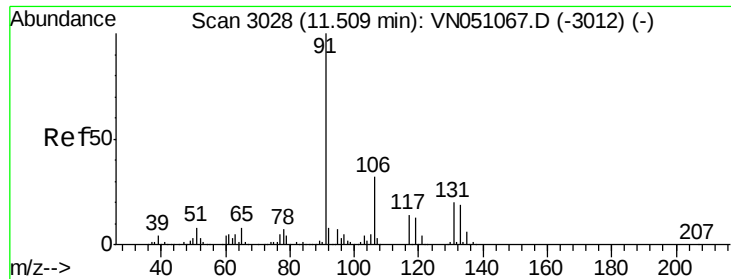
MMDadoda
9/12/2018 10:07:13 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 48.31 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN051130.D
Acq: 11 Sep 2018 16:26

Tgt Ion:131 Resp: 390756
Ion Ratio Lower Upper
131 100
133 95.2 47.5 142.6
119 66.4 33.2 99.6





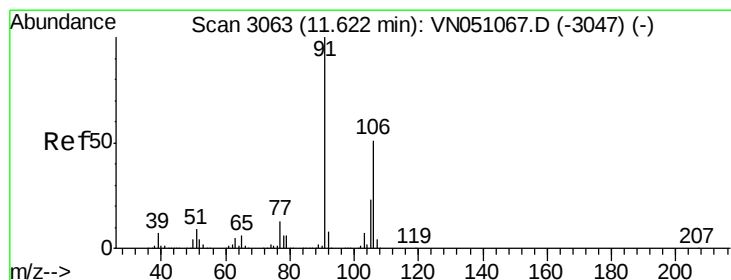
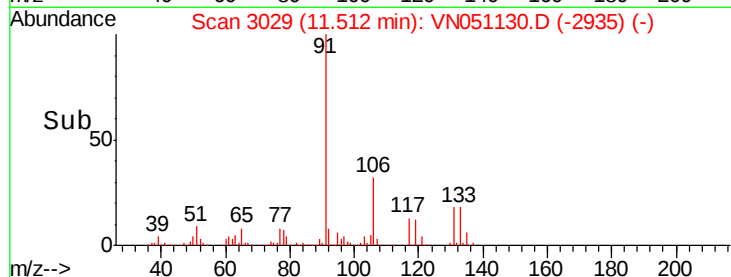
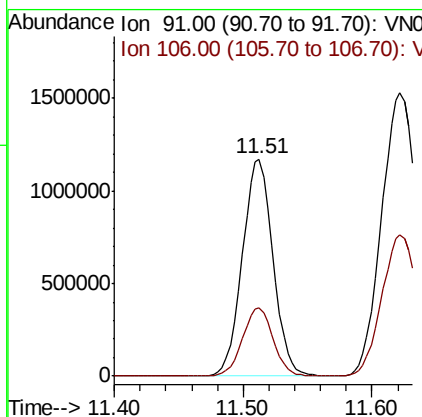
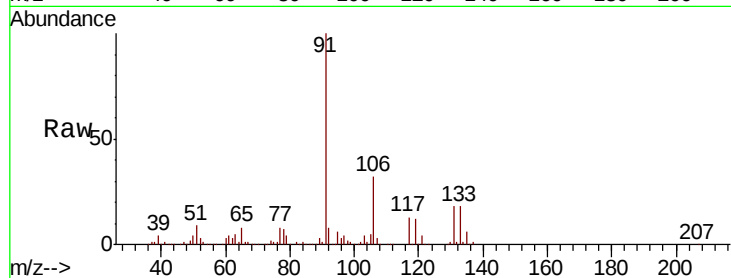
#67
Ethyl Benzene
Concen: 53.30 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN051130.D
Acq: 11 Sep 2018 16:26

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-DMS

Tot Ion: 91 Resp: 1939131
Ion Ratio Lower Upper
91 100
106 31.5 25.4 38.2

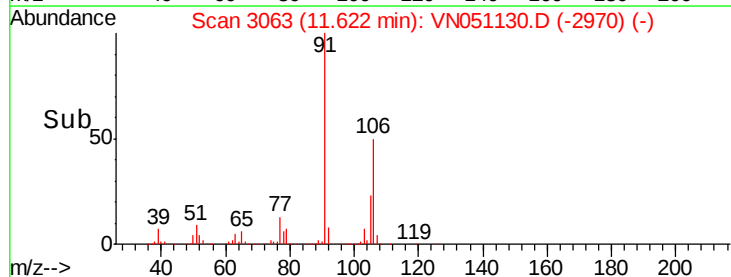
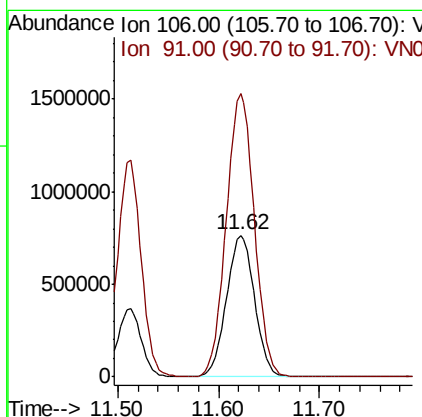
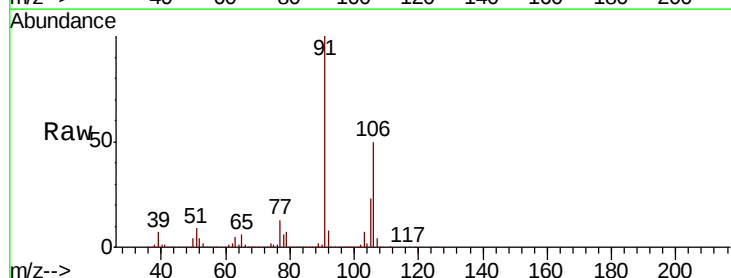
Manual Integrations
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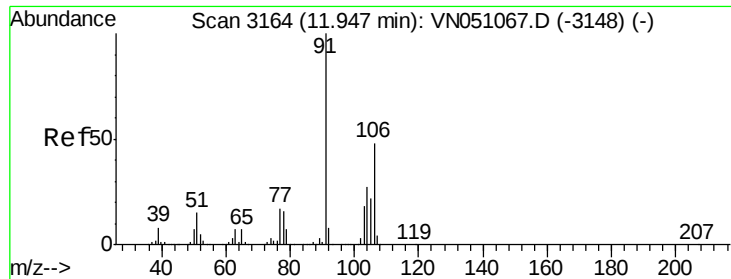
MMDadoda
9/12/2018 10:07:13 AM



#68
m/p-Xylenes
Concen: 106.22 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN051130.D
Acq: 11 Sep 2018 16:26

Tgt Ion: 106 Resp: 1484799
Ion Ratio Lower Upper
106 100
91 200.0 159.8 239.6





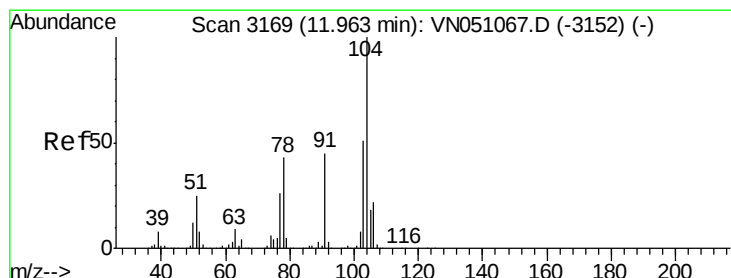
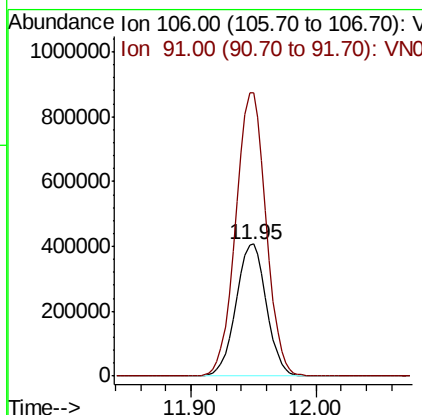
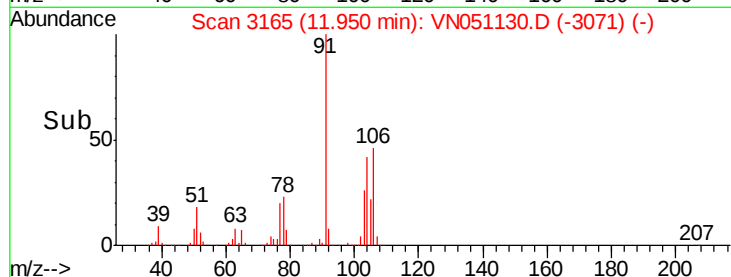
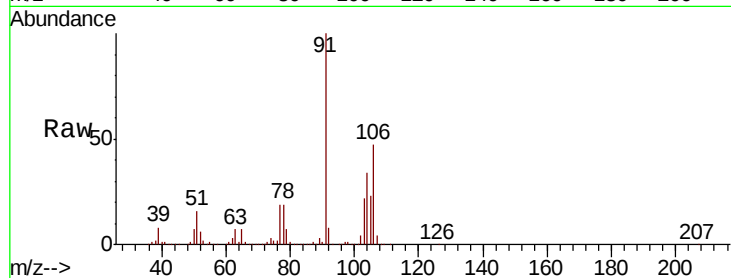
#69
o-Xylene
Concen: 50.73 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN051130.D
Acq: 11 Sep 2018 16:26

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-DMS

Tot Ion	Ratio	Lower	Upper
106	100		
91	213.3	105.1	315.1

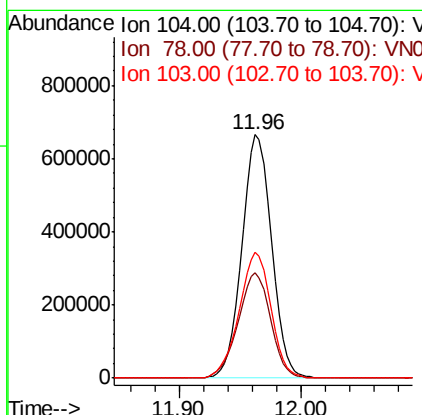
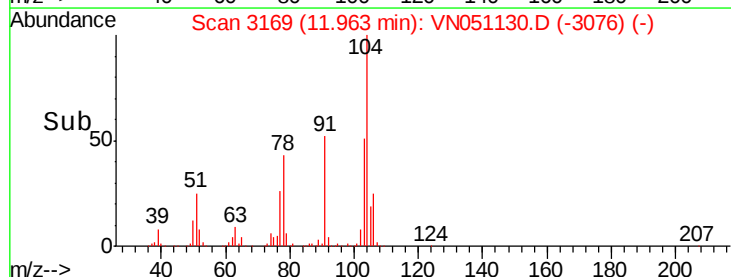
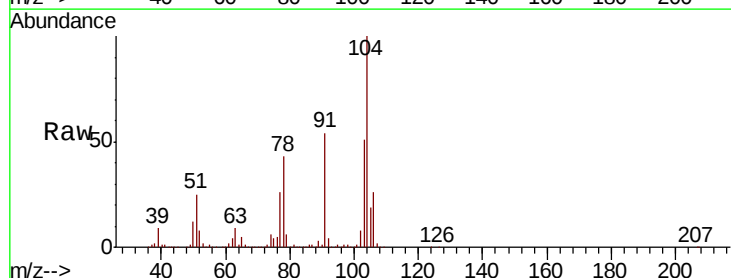
Manual Integrations
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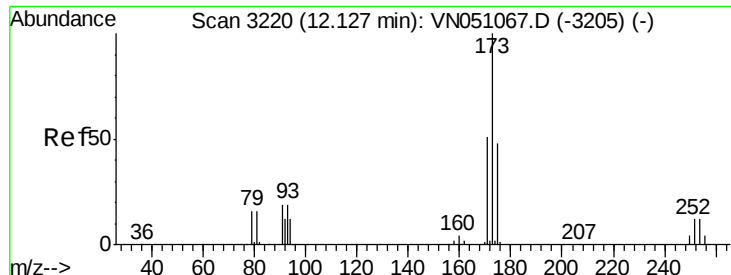
MMDadoda
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#70
Styrene
Concen: 53.10 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN051130.D
Acq: 11 Sep 2018 16:26

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.3	37.7	56.5
103	55.5	44.6	67.0





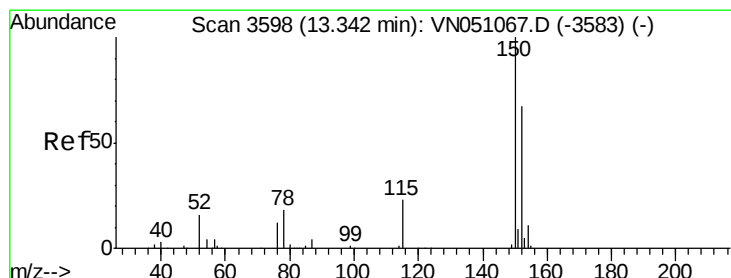
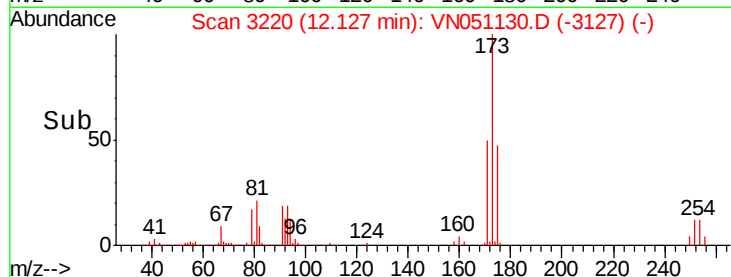
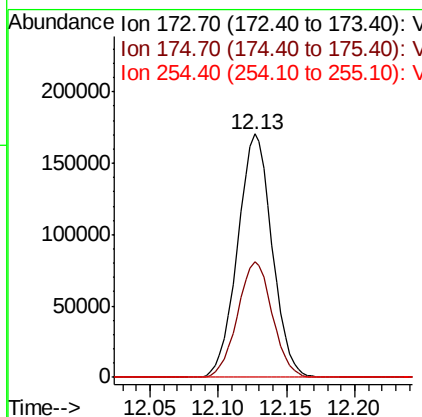
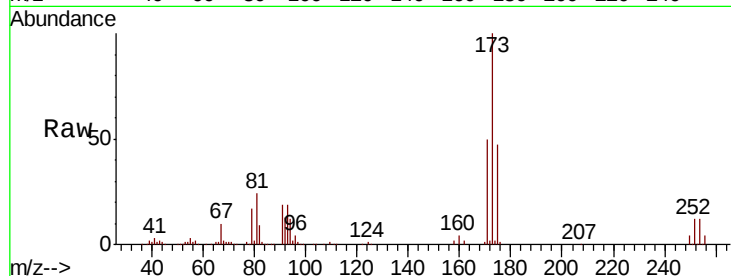
#71
Bromoform
Concen: 52.43 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. -0.00 min
Lab File: VN051130.D
Acq: 11 Sep 2018 16:26

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-DMS

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.9	24.3	72.9
254	0.1	0.0	0.0

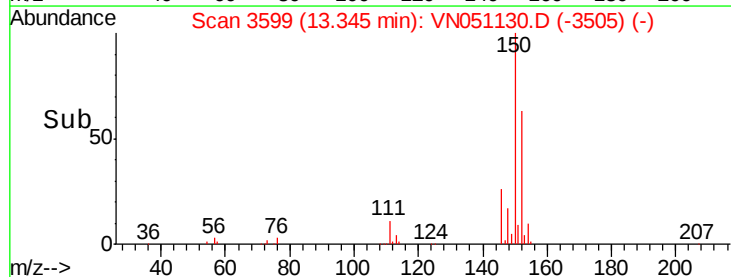
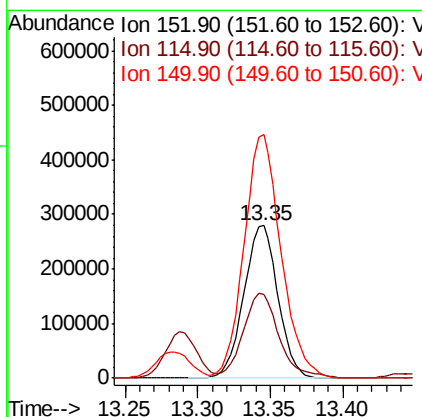
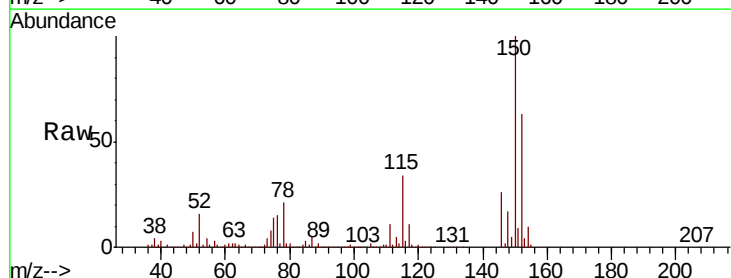
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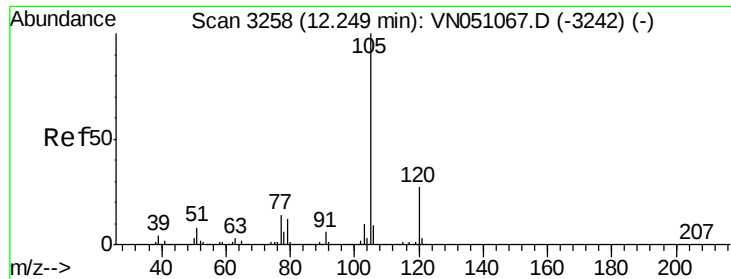
MMDadoda
9/12/2018 10:07:13 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051130.D
Acq: 11 Sep 2018 16:26

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.3	28.2	84.7
150	173.2	0.0	349.0





#73

Isopropylbenzene

Concen: 71.40 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN051130.D

Acq: 11 Sep 2018 16:26

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-DMS

Tot Ion:105 Resp: 2736503

Ion Ratio Lower Upper

105 100

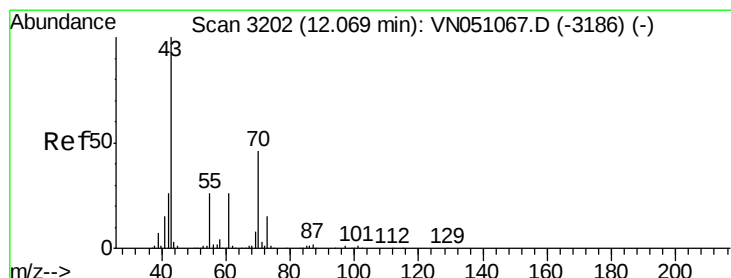
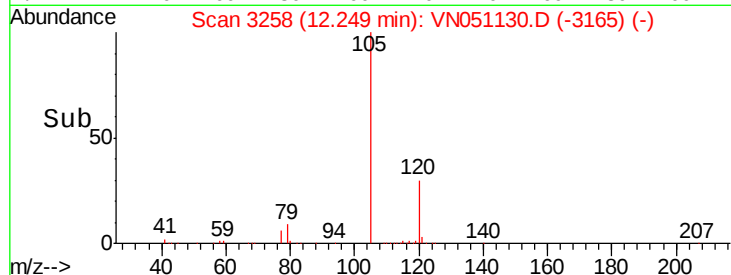
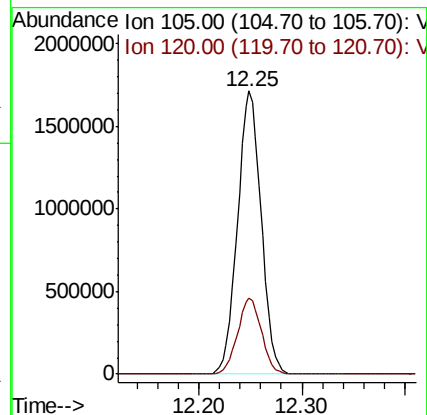
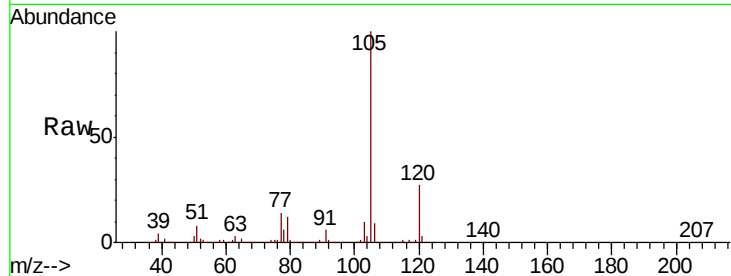
120 27.1 13.6 40.7

Manual Integrations

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#74

N-ethyl acetate

Concen: 54.94 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN051130.D

Acq: 11 Sep 2018 16:26

Tgt Ion: 43 Resp: 529961

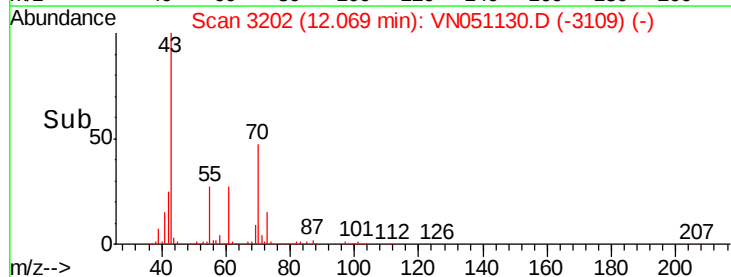
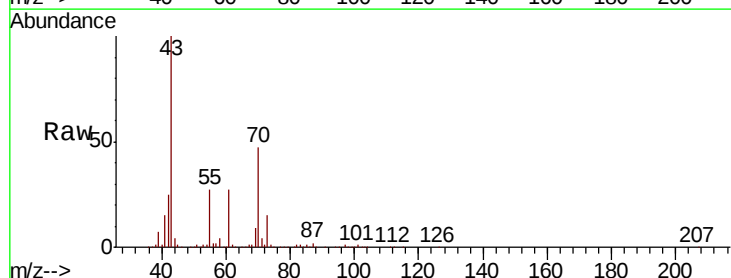
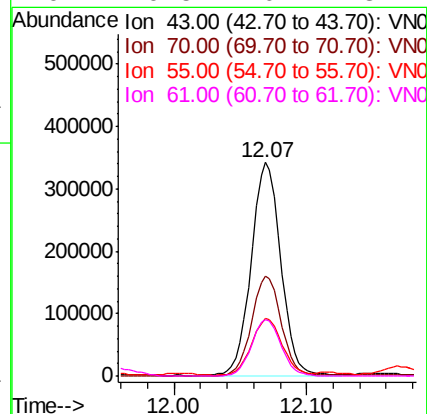
Ion Ratio Lower Upper

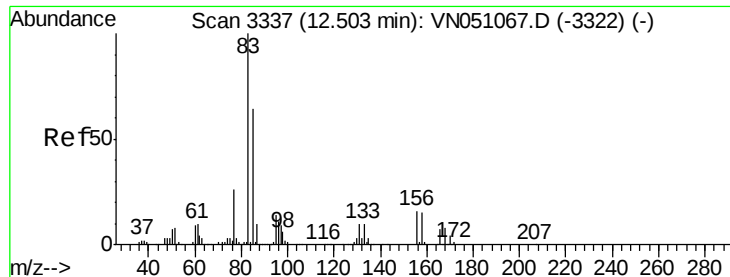
43 100

70 46.4 37.0 55.4

55 27.6 21.3 31.9

61 26.5 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 55.31 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN051130.D

Acq: 11 Sep 2018 16:26

Instrument :

MSVOA_N

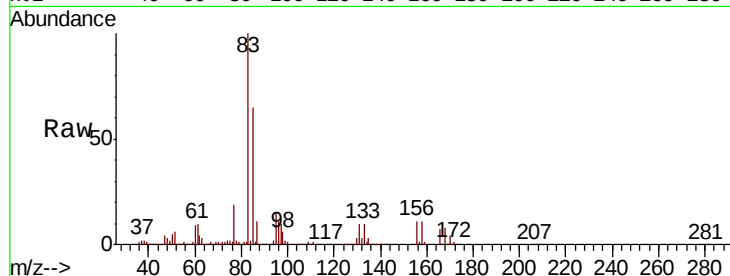
ClientSampleId :

EP1-MW-DMS

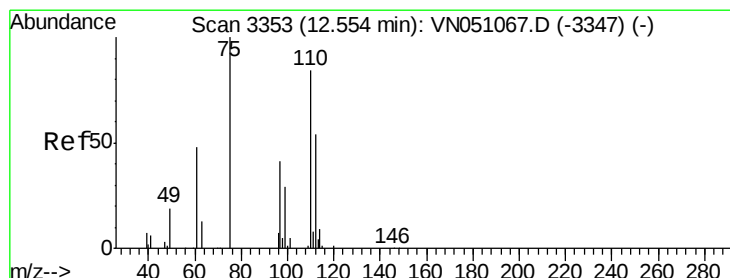
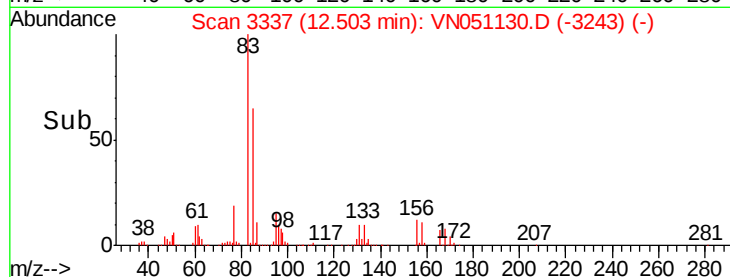
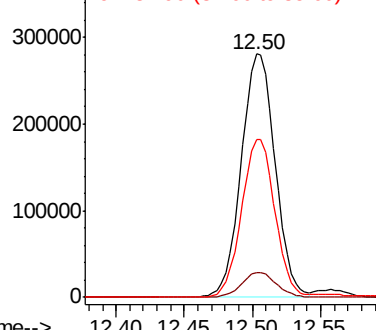
Tot Ion:	83	Resp:	484914
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.3	16.1
85	63.7	32.3	96.8

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VN051130.D (-3243) (-)



#76

1,2,3-Trichloropropane

Concen: 57.55 ug/l m

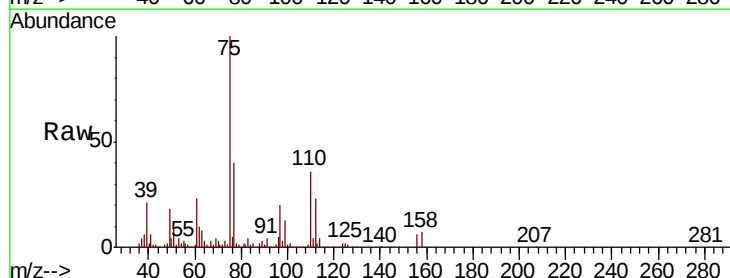
RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

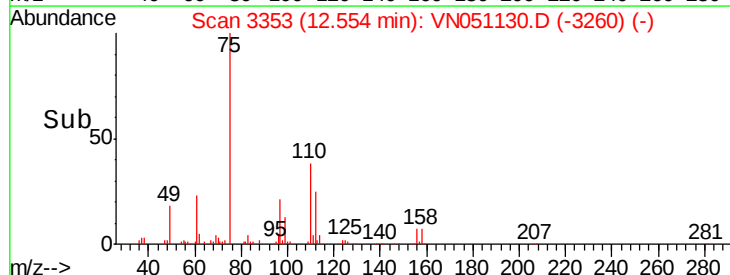
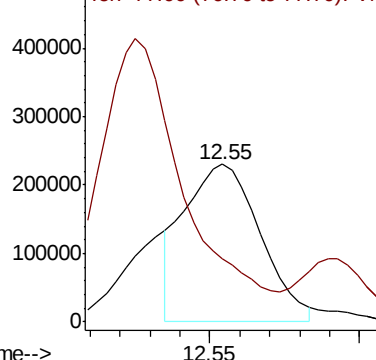
Lab File: VN051130.D

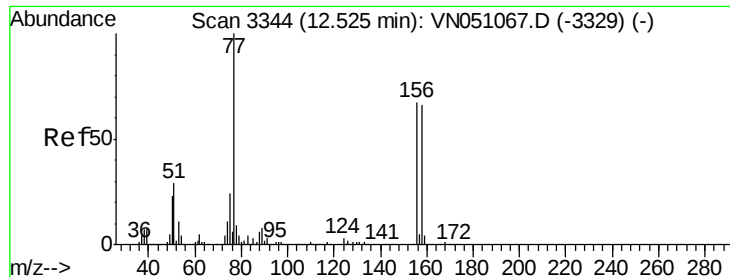
Acq: 11 Sep 2018 16:26

Tgt Ion:	75	Resp:	406169
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VN051130.D (-3260) (-)





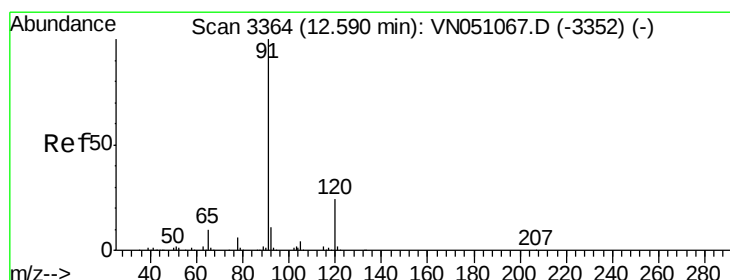
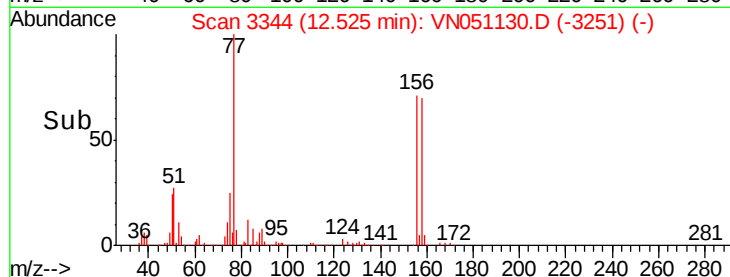
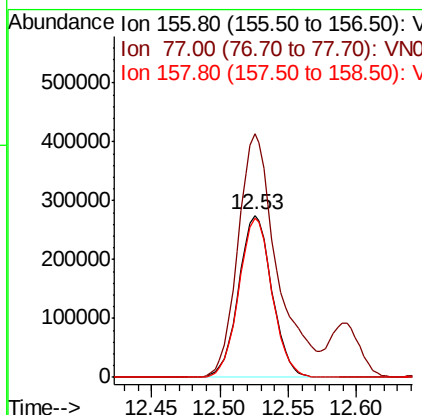
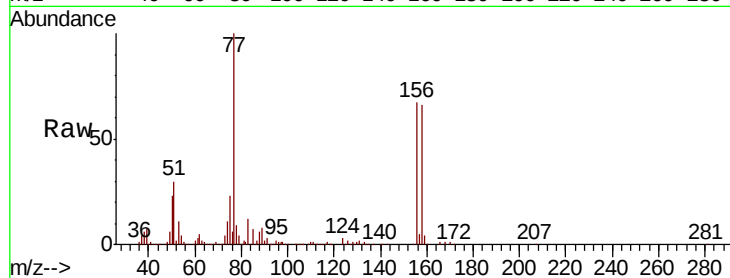
#77
Bromobenzene
Concen: 45.22 ug/l
RT: 12.53 min Scan# 3344
Delta R.T. -0.00 min
Lab File: VN051130.D
Acq: 11 Sep 2018 16:26

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-DMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100		465563		
77	176.4	87.5	262.6		
158	97.9	49.0	147.2		

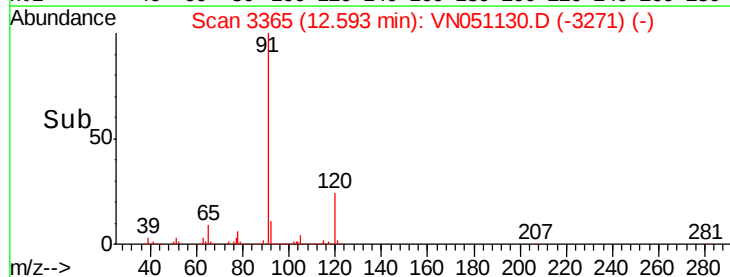
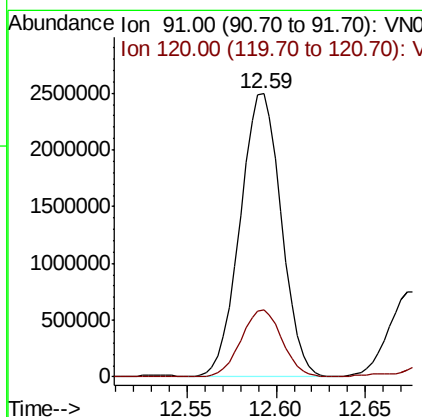
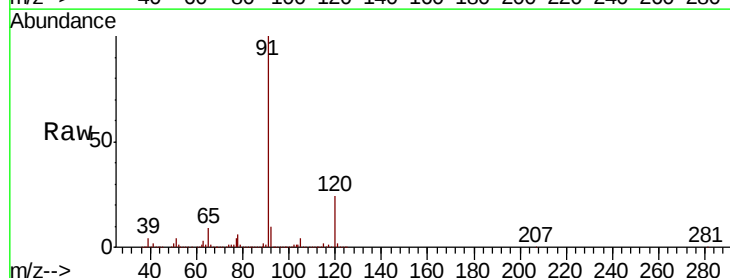
Manual Integrations
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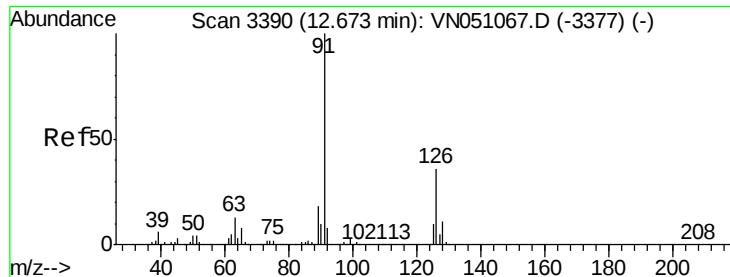
MMDadoda
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#78
n-propylbenzene
Concen: 94.98 ug/l
RT: 12.59 min Scan# 3365
Delta R.T. 0.00 min
Lab File: VN051130.D
Acq: 11 Sep 2018 16:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		4001356		
120	23.7	12.0	36.0		





#79

2-Chlorotoluene

Concen: 49.13 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN051130.D

Acq: 11 Sep 2018 16:26

Instrument :

MSVOA_N

ClientSampled :

EP1-MW-DMS

Tot Ion: 91 Resp: 1293572

Ion Ratio Lower Upper

91 100

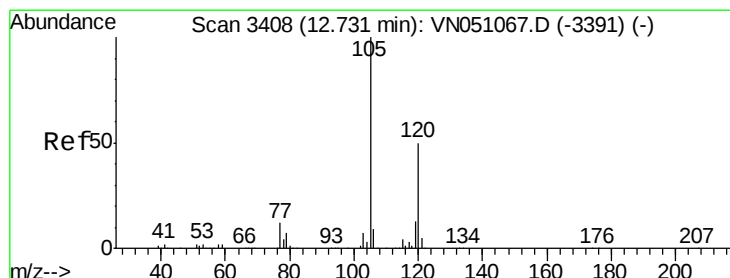
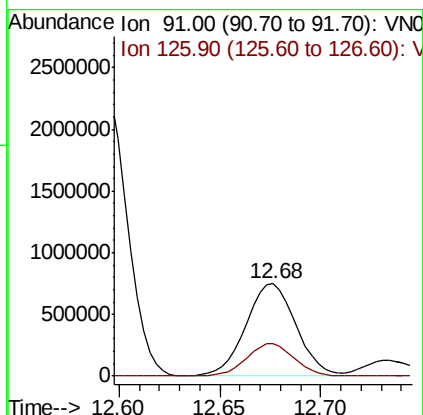
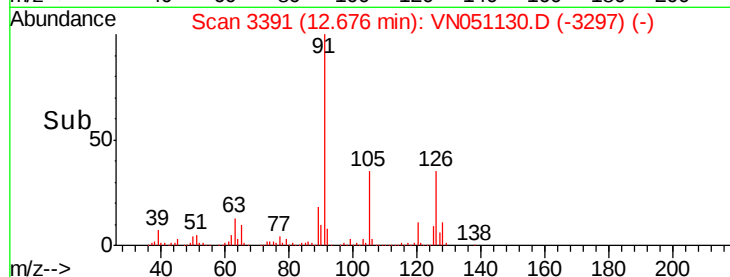
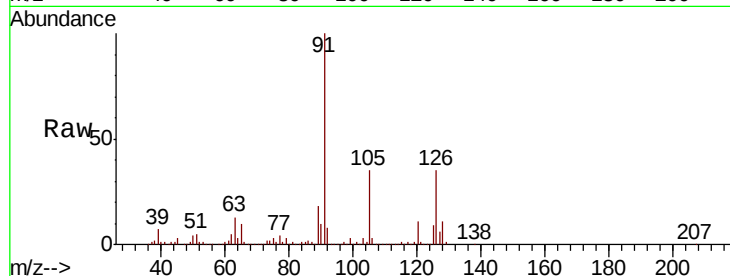
126 33.5 17.9 53.7

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 67.50 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN051130.D

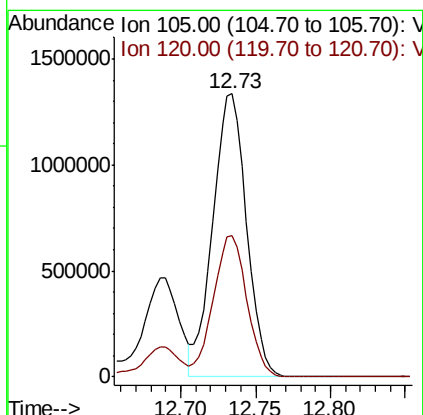
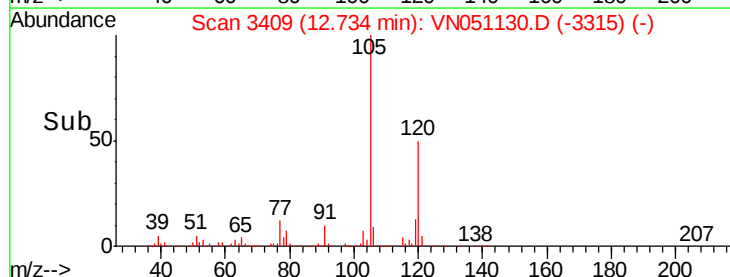
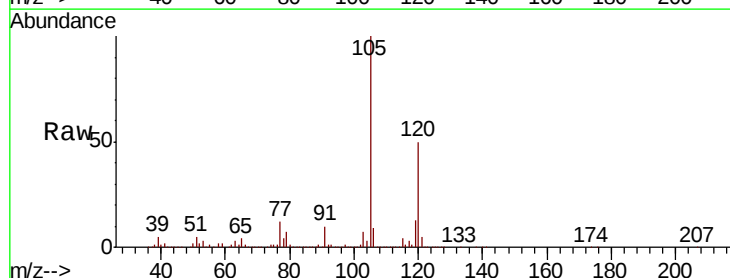
Acq: 11 Sep 2018 16:26

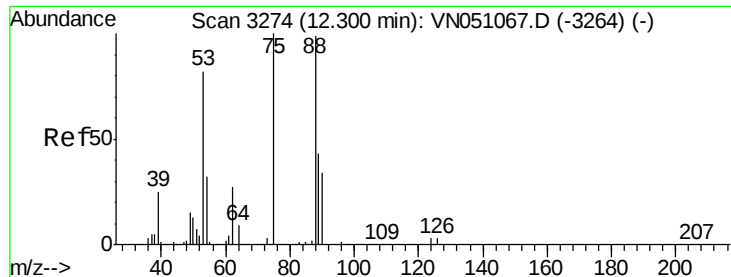
Tgt Ion: 105 Resp: 2091708

Ion Ratio Lower Upper

105 100

120 49.8 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 49.40 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN051130.D

Acq: 11 Sep 2018 16:26

Instrument :

MSVOA_N

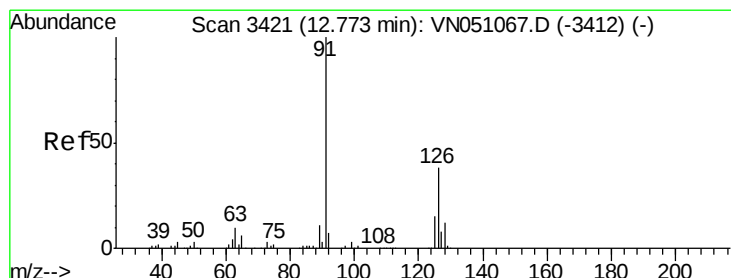
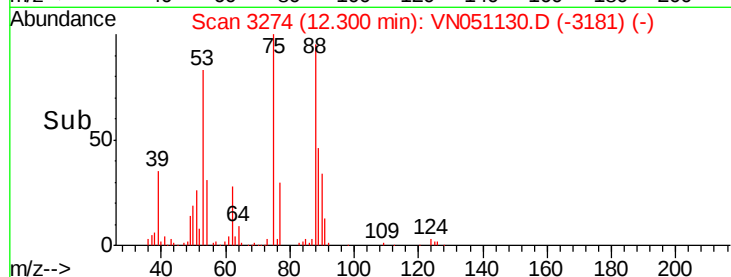
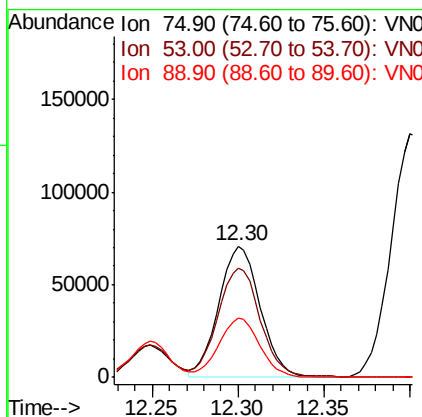
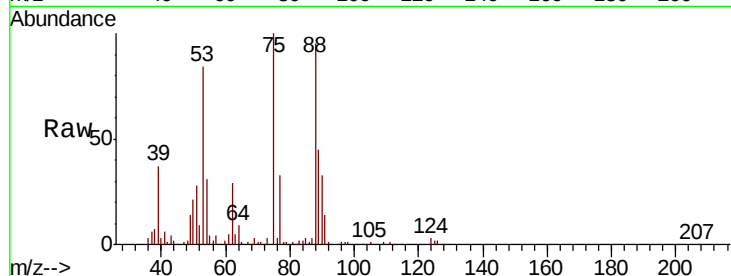
ClientSampleId :

EP1-MW-DMS

Tot Ion:	75	Resp:	118890
Ion	Ratio	Lower	Upper
75	100		
53	85.0	67.8	101.8
89	45.0	36.0	54.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 45.49 ug/l

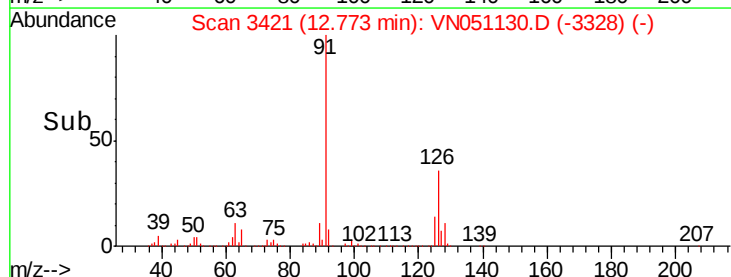
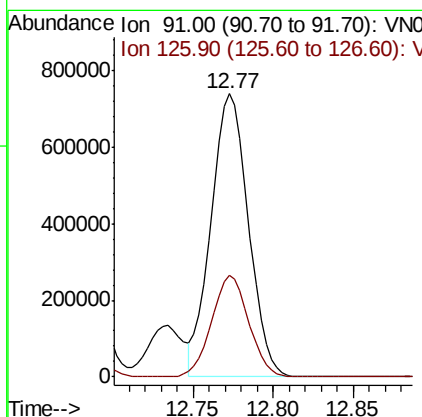
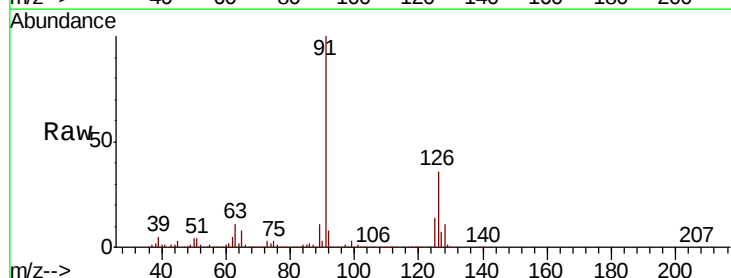
RT: 12.77 min Scan# 3421

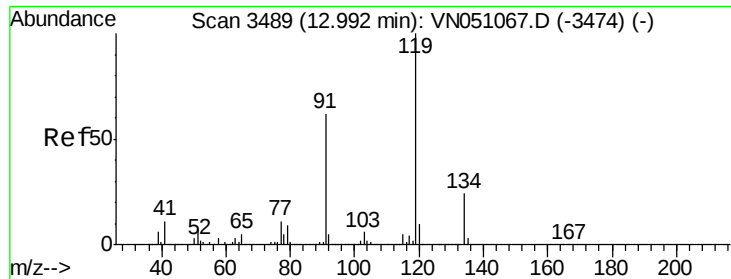
Delta R.T. -0.00 min

Lab File: VN051130.D

Acq: 11 Sep 2018 16:26

Tgt Ion:	91	Resp:	1189021
Ion	Ratio	Lower	Upper
91	100		
126	35.5	17.6	52.8





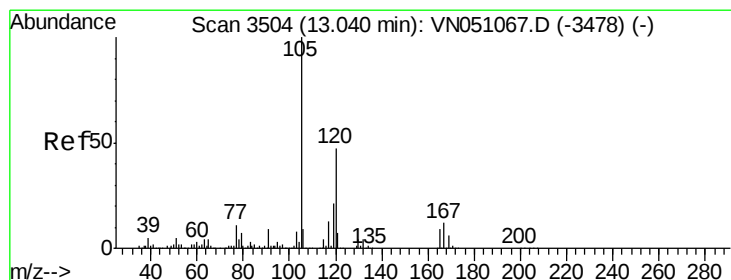
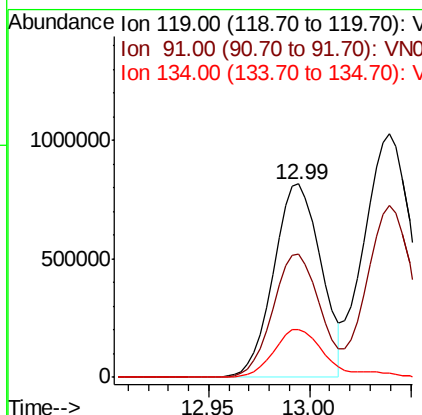
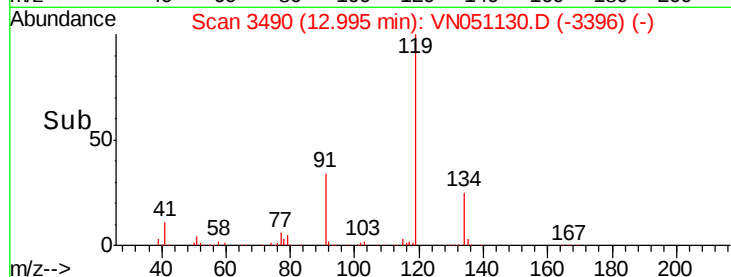
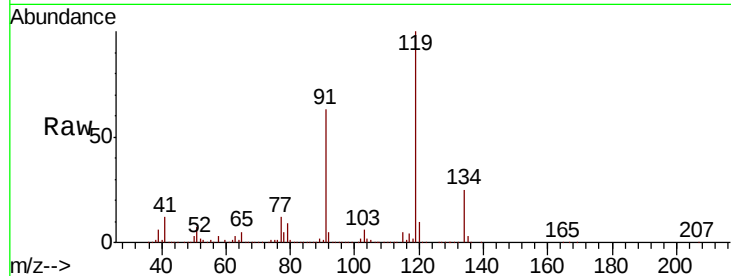
#83
 tert-Butylbenzene
 Concen: 48.67 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN051130.D
 Acq: 11 Sep 2018 16:26

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-DMS

Tot Ion:119 Resp: 1331496
 Ion Ratio Lower Upper
 119 100
 91 64.6 30.8 92.3
 134 27.4 13.2 39.6

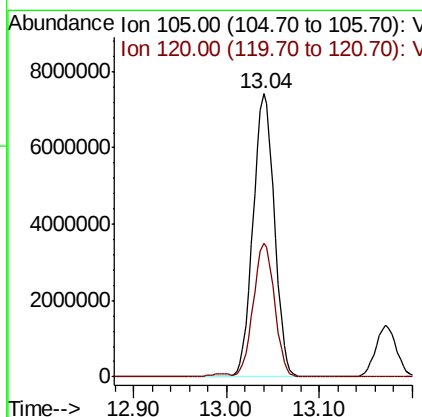
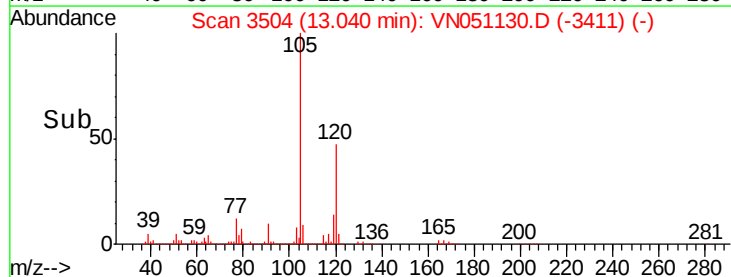
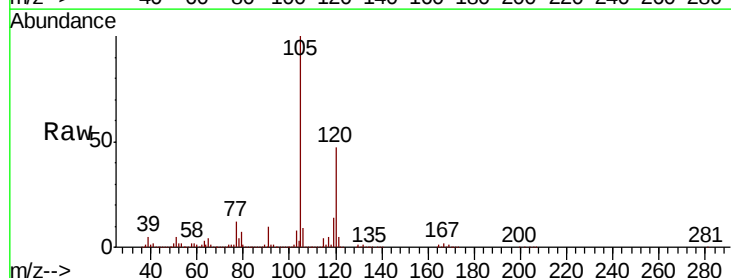
Manual Integrations
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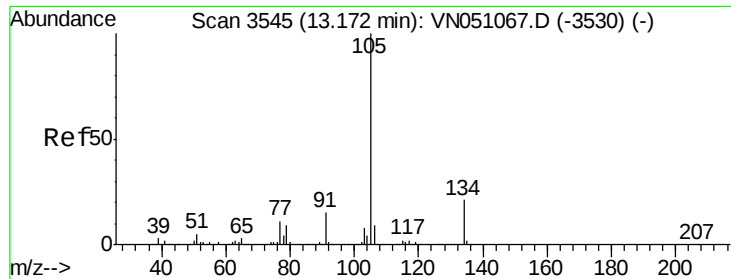
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#84
 1,2,4-Trimethylbenzene
 Concen: 387.59 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN051130.D
 Acq: 11 Sep 2018 16:26

Tgt Ion:105 Resp:11809264
 Ion Ratio Lower Upper
 105 100
 120 47.2 23.3 69.8





#85

sec-Butylbenzene

Concen: 59.99 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN051130.D

Acq: 11 Sep 2018 16:26

Instrument :

MSVOA_N

ClientSampled :

EP1-MW-DMS

Tot Ion:105 Resp: 2104897

Ion Ratio Lower Upper

105 100

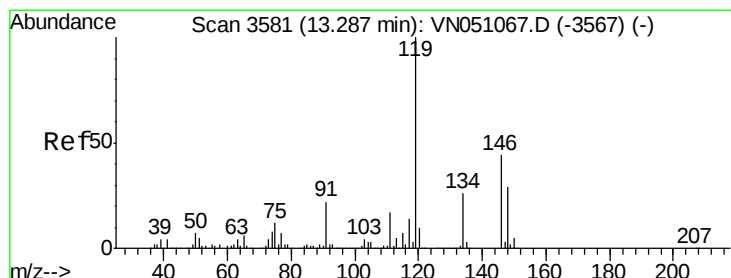
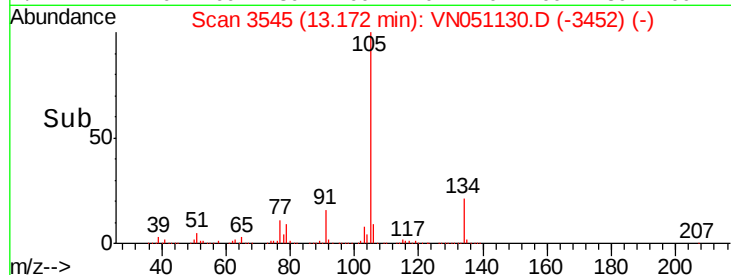
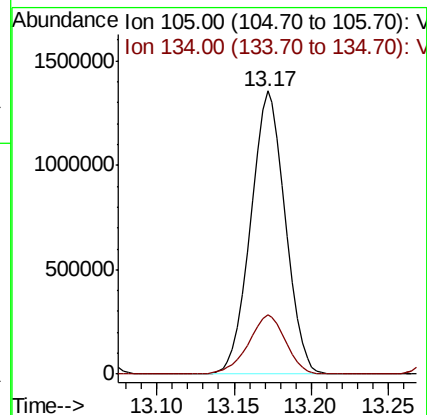
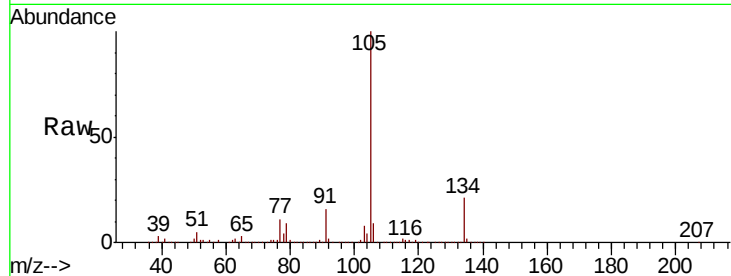
134 22.8 10.4 31.4

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 59.32 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN051130.D

Acq: 11 Sep 2018 16:26

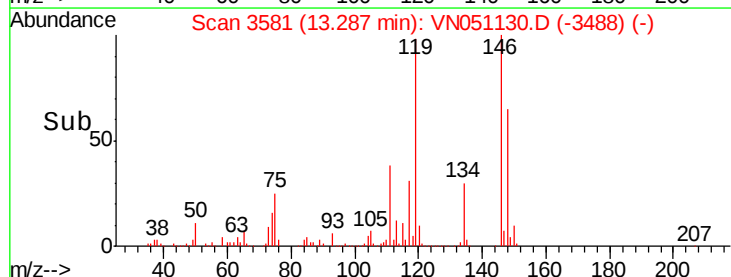
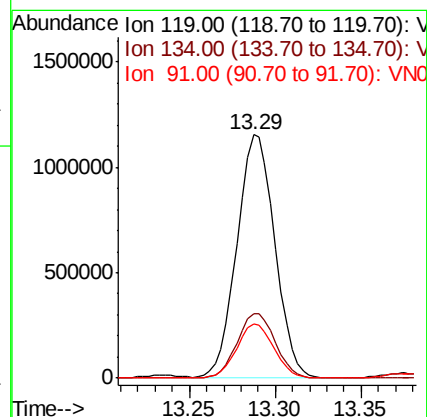
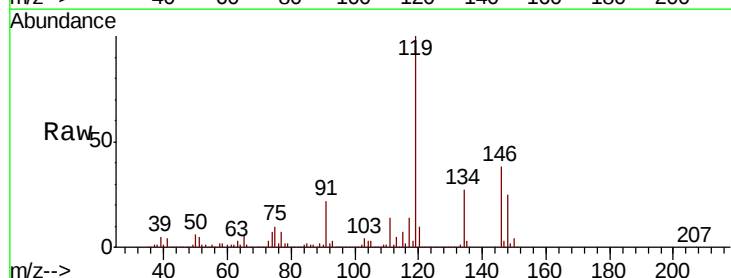
Tgt Ion:119 Resp: 1764670

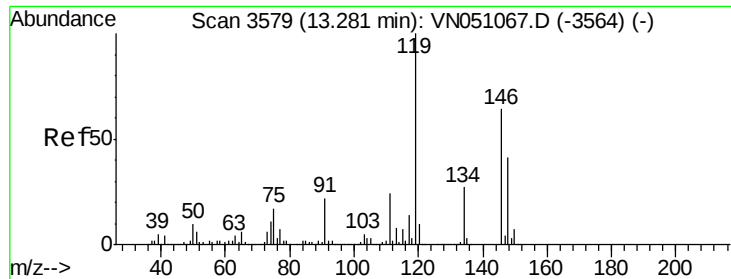
Ion Ratio Lower Upper

119 100

134 26.8 13.5 40.4

91 21.8 10.9 32.9





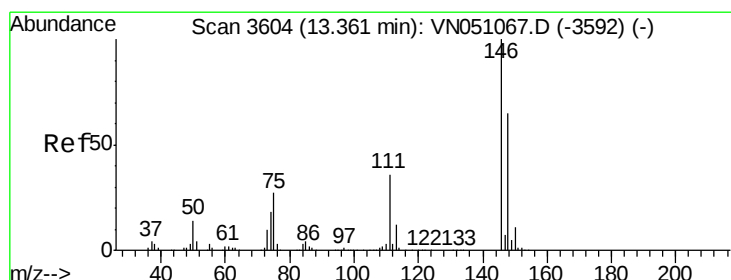
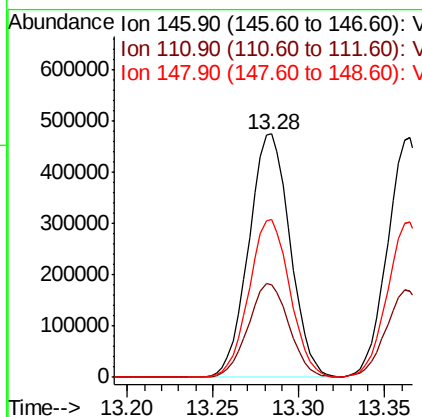
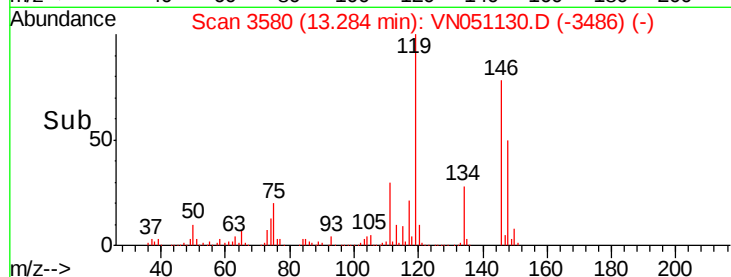
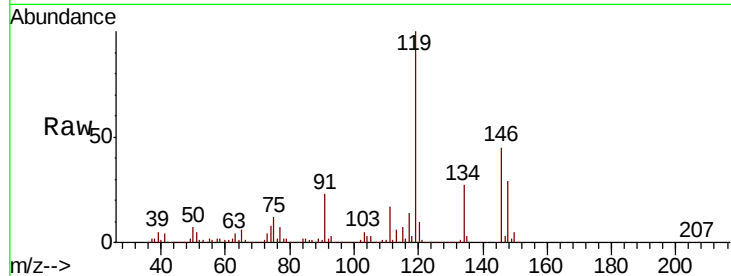
#87
 1,3-Dichlorobenzene
 Concen: 45.27 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN051130.D
 Acq: 11 Sep 2018 16:26

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-DMS

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.1	57.1
148	64.4	32.2	96.6

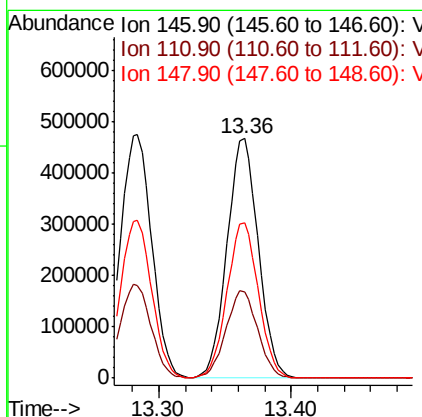
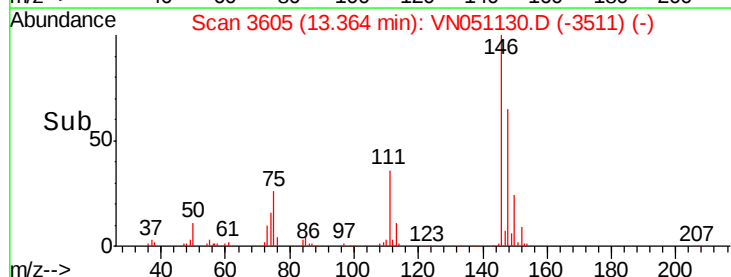
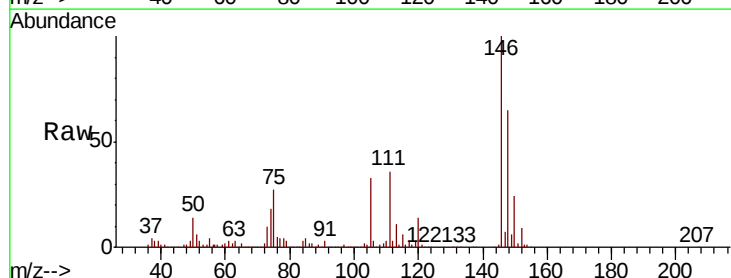
Manual Integrations
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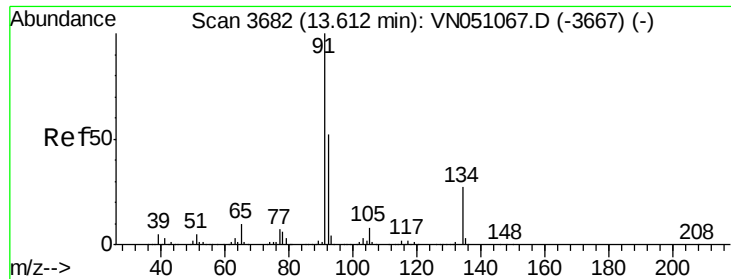
MMDadoda
 9/12/2018 10:07:13 AM



#88
 1,4-Dichlorobenzene
 Concen: 47.78 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN051130.D
 Acq: 11 Sep 2018 16:26

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.4	55.0
148	64.9	32.2	96.6





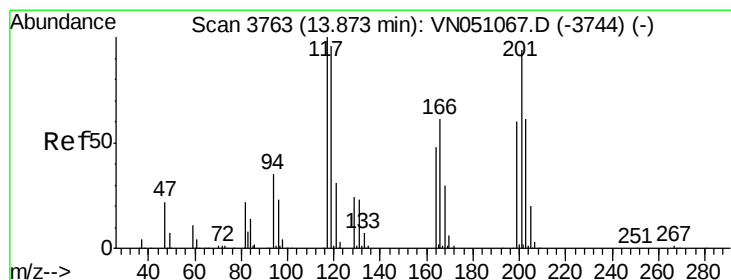
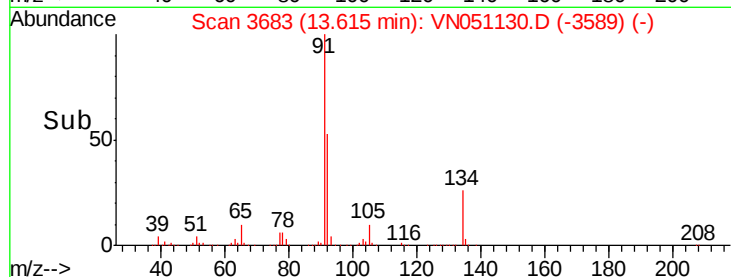
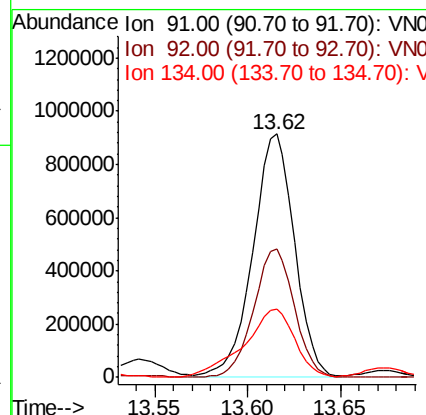
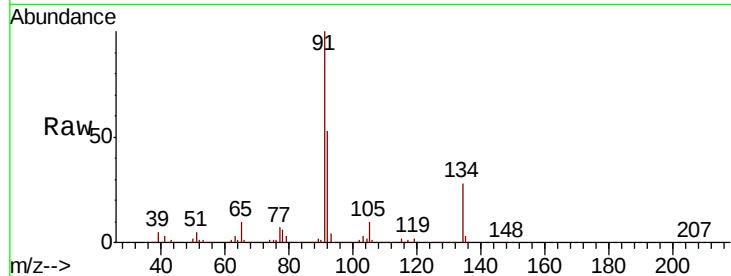
#89
n-Butylbenzene
Concen: 61.49 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN051130.D
Acq: 11 Sep 2018 16:26

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-DMS

Tot Ion: 91 Resp: 1423608
Ion Ratio Lower Upper
91 100
92 51.1 26.2 78.6
134 34.4 13.7 41.1

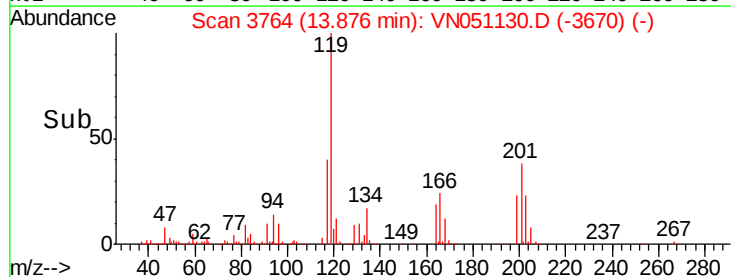
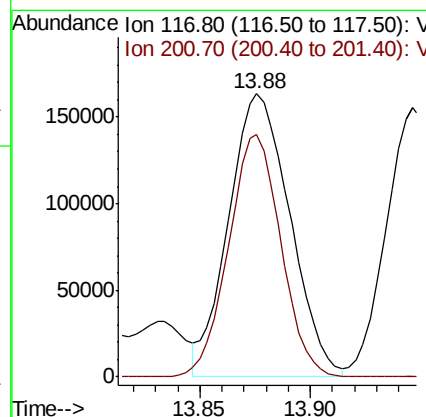
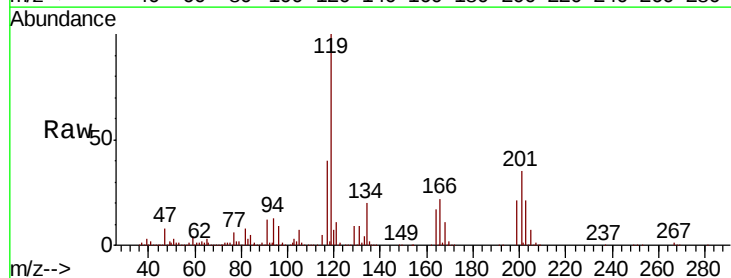
Manual Integrations
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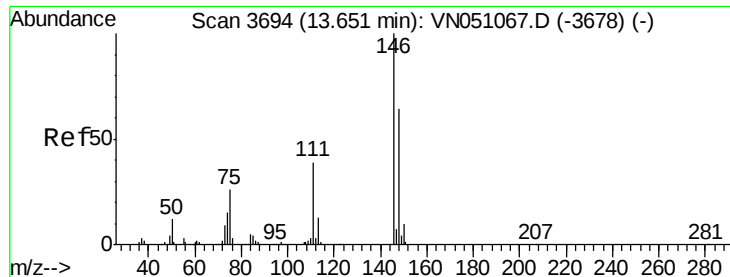
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#90
Hexachloroethane
Concen: 58.10 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. 0.00 min
Lab File: VN051130.D
Acq: 11 Sep 2018 16:26

Tgt Ion: 117 Resp: 314138
Ion Ratio Lower Upper
117 100
201 73.3 47.3 142.0





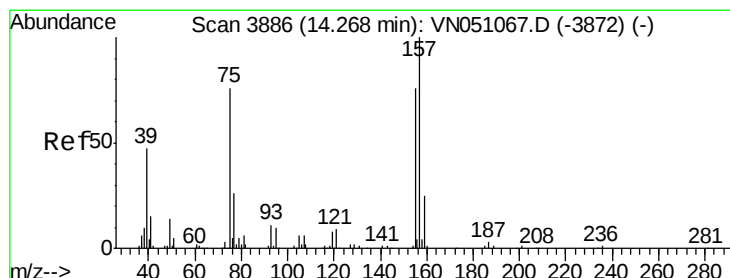
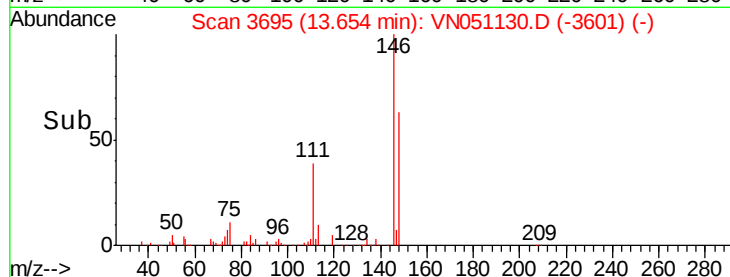
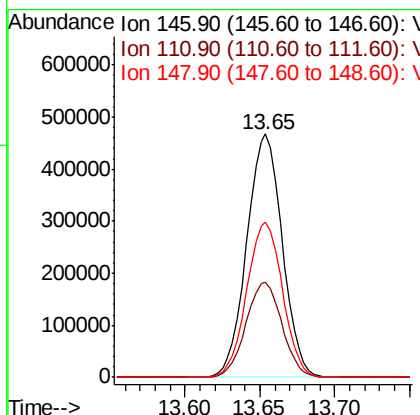
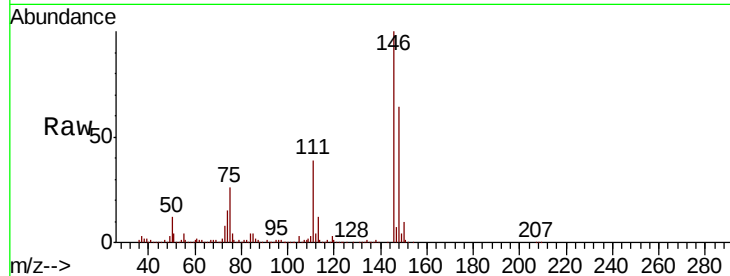
#91
 1,2-Dichlorobenzene
 Concen: 45.32 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN051130.D
 Acq: 11 Sep 2018 16:26

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-DMS

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	19.7	59.0
148	64.4	32.1	96.3

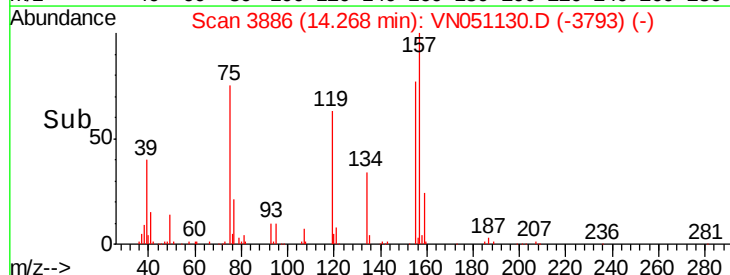
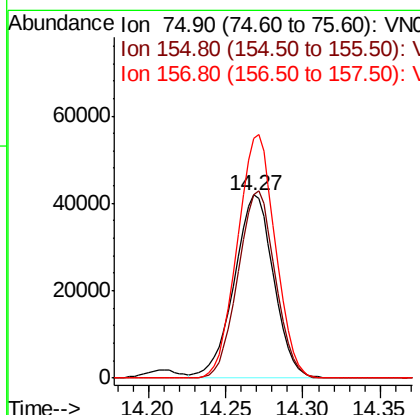
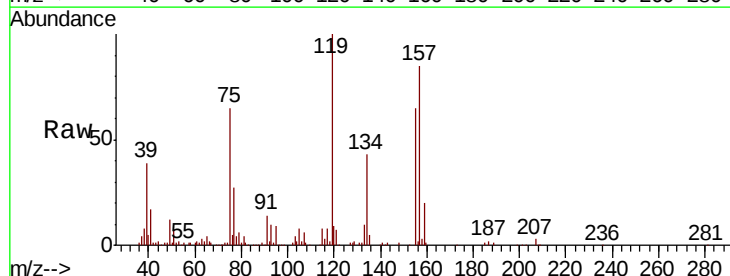
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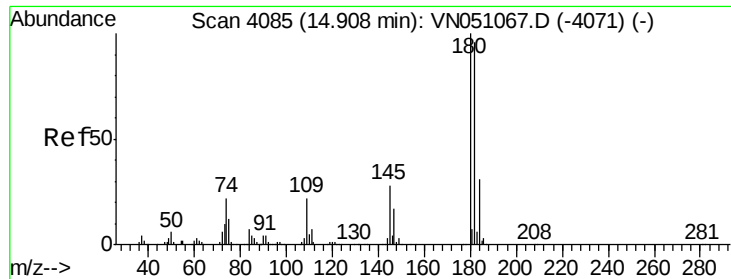
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 56.13 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. -0.00 min
 Lab File: VN051130.D
 Acq: 11 Sep 2018 16:26

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.1	48.7	146.1
157	129.0	63.6	190.9





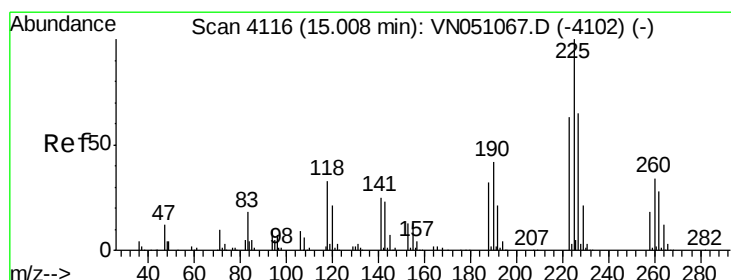
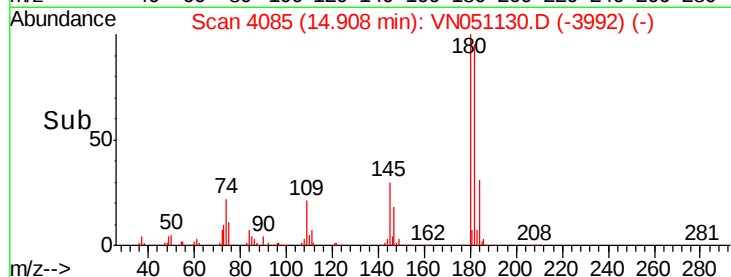
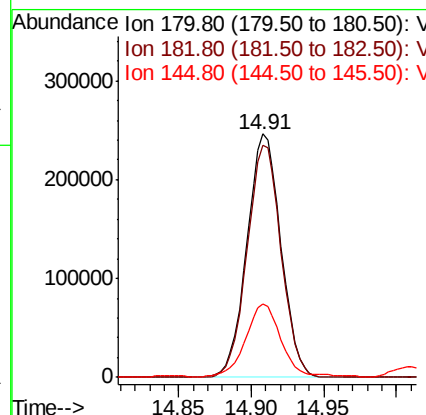
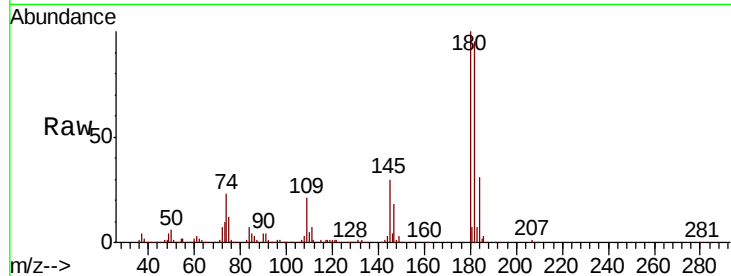
#93
 1,2,4-Trichlorobenzene
 Concen: 48.81 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. -0.00 min
 Lab File: VN051130.D
 Acq: 11 Sep 2018 16:26

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-DMS

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.4	47.3	141.8	
145	31.0	14.2	42.6	

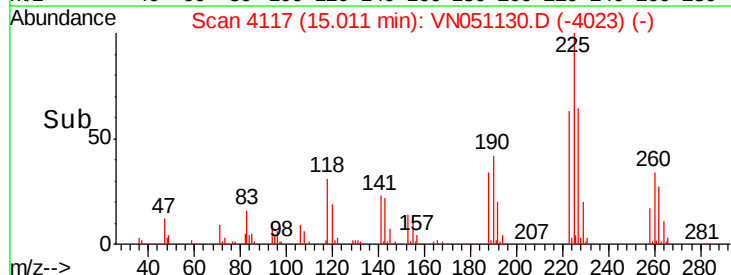
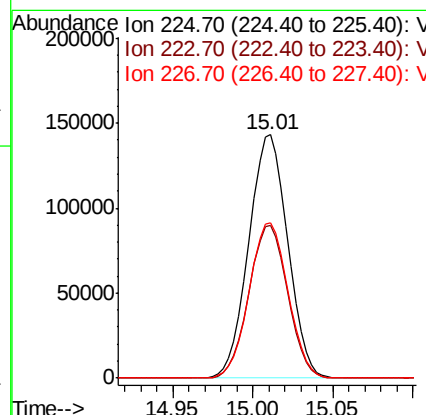
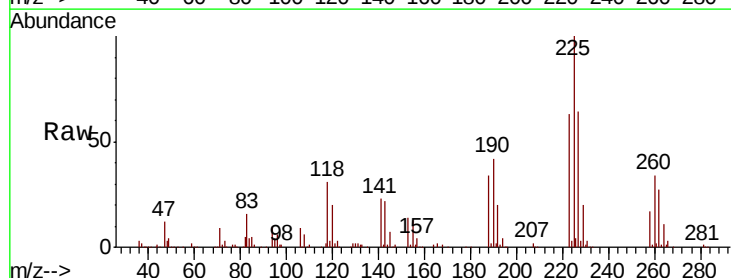
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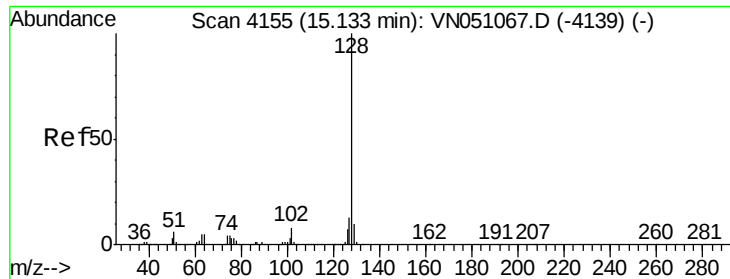
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#94
 Hexachlorobutadiene
 Concen: 47.93 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN051130.D
 Acq: 11 Sep 2018 16:26

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.5	31.4	94.0	
227	63.6	32.1	96.3	





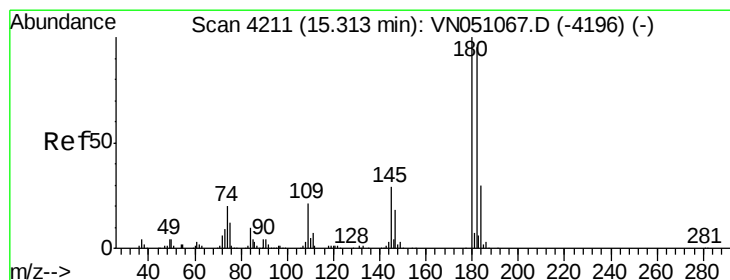
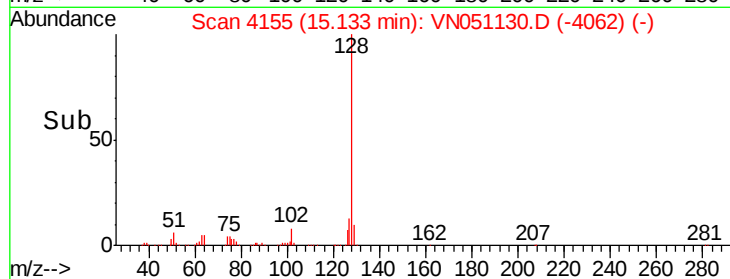
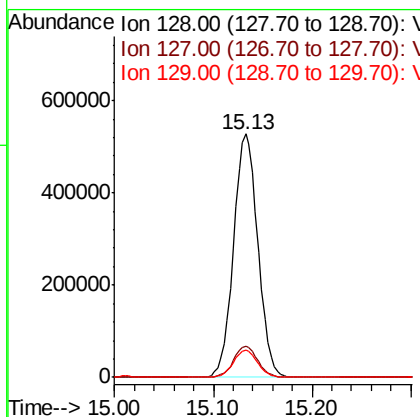
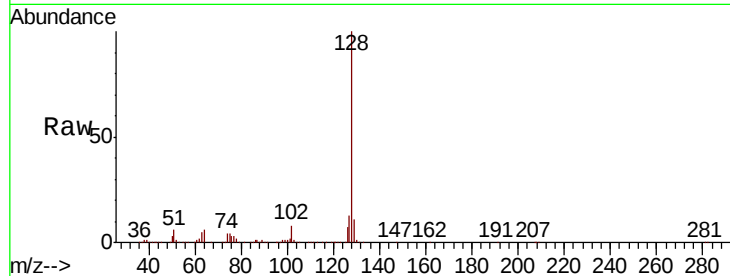
#95
Naphthalene
Concen: 52.19 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN051130.D
Acq: 11 Sep 2018 16:26

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-DMS

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.6	15.8
129	11.0	8.6	12.8

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 50.20 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. -0.00 min
Lab File: VN051130.D
Acq: 11 Sep 2018 16:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.8	143.3
145	29.7	14.6	43.8

