

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN110119\
 Data File : VN059059.D
 Acq On : 1 Nov 2019 13:21
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN110119

Manual Integrations
 APPROVED

MMDadoda
 11/5/2019 1:59:05 PM

Quant Time: Nov 02 04:58:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 05:43:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	567816	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	896872	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	813229	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	384212	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	357319	47.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.04%	
35) Dibromofluoromethane	7.57	113	274722	47.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.96%	
50) Toluene-d8	10.08	98	1098470	48.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.52%	
62) 4-Bromofluorobenzene	12.40	95	398309	49.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.38%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	275049	44.802	ug/l	99
3) Chloromethane	2.04	50	360261	43.278	ug/l	99
4) Vinyl Chloride	2.17	62	357514	44.245	ug/l	98
5) Bromomethane	2.54	94	205401	42.996	ug/l	99
6) Chloroethane	2.68	64	207181	41.866	ug/l	99
7) Trichlorofluoromethane	3.00	101	428344	44.612	ug/l	100
8) Diethyl Ether	3.39	74	171762	45.807	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.74	101	249576	44.099	ug/l	98
10) Methyl Iodide	3.93	142	327562	47.619	ug/l	100
11) Tert butyl alcohol	4.75	59	290089	208.429	ug/l	99
12) 1,1-Dichloroethene	3.72	96	249792	44.381	ug/l	95
13) Acrolein	3.58	56	214952	244.761	ug/l	99
14) Allyl chloride	4.30	41	502728	45.076	ug/l	98
15) Acrylonitrile	4.95	53	819609	234.755	ug/l	99
16) Acetone	3.79	43	855166	224.624	ug/l	99
17) Carbon Disulfide	4.03	76	783661	43.795	ug/l	100
18) Methyl Acetate	4.30	43	408302	42.334	ug/l	100
19) Methyl tert-butyl Ether	5.01	73	871002	45.436	ug/l	99
20) Methylene Chloride	4.53	84	290690	43.616	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	271127	44.871	ug/l	100
22) Diisopropyl ether	5.92	45	983129	46.279	ug/l	100
23) Vinyl Acetate	5.87	43	4157633	245.724	ug/l	100
24) 1,1-Dichloroethane	5.82	63	534424	44.002	ug/l	99
25) 2-Butanone	6.81	43	1179810	232.735	ug/l	100
26) 2,2-Dichloropropane	6.80	77	450248	42.710	ug/l	100
27) cis-1,2-Dichloroethene	6.81	96	304666	44.779	ug/l	99
28) Bromochloromethane	7.17	49	172993	46.151	ug/l	100
29) Tetrahydrofuran	7.18	42	743493	232.394	ug/l	100
30) Chloroform	7.35	83	505999	43.568	ug/l	98
31) Cyclohexane	7.63	56	510031	44.027	ug/l	98
32) 1,1,1-Trichloroethane	7.55	97	437080	44.482	ug/l	99
36) 1,1-Dichloropropene	7.77	75	399229	44.787	ug/l	100
37) Ethyl Acetate	6.90	43	453822	45.821	ug/l	99
38) Carbon Tetrachloride	7.75	117	387512	44.607	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	479109	46.501	ug/l	97
40) Benzene	8.02	78	1186203	44.841	ug/l	99
41) Methacrylonitrile	7.15	41	188202m	43.945	ug/l	
42) 1,2-Dichloroethane	8.10	62	402615	43.823	ug/l	100
43) Isopropyl Acetate	8.14	43	716279	46.246	ug/l	100
44) Trichloroethene	8.82	130	287359	44.150	ug/l	99
45) 1,2-Dichloropropane	9.10	63	320206	44.757	ug/l	99
46) Dibromomethane	9.19	93	195761	44.273	ug/l	100
47) Bromodichloromethane	9.39	83	403280	45.035	ug/l	99
48) Methyl methacrylate	9.18	41	325593	46.105	ug/l	99
49) 1,4-Dioxane	9.18	88	97894	849.787	ug/l	99
51) 4-Methyl-2-Pentanone	9.97	43	2232540	248.131	ug/l	99
52) Toluene	10.15	92	720711	46.497	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	473001	45.680	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	509115	46.614	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	279255	44.227	ug/l	99
56) Ethyl methacrylate	10.42	69	471303	44.221	ug/l	99
57) 1,3-Dichloropropane	10.70	76	499497	45.487	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	964915	233.018	ug/l	100
59) 2-Hexanone	10.75	43	1708058	249.887	ug/l	100
60) Dibromochloromethane	10.90	129	306536	45.048	ug/l	99
61) 1,2-Dibromoethane	11.00	107	295888	46.257	ug/l	99
64) Tetrachloroethene	10.63	164	252655	44.475	ug/l	98
65) Chlorobenzene	11.43	112	749330	44.895	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	276463	45.021	ug/l	100
67) Ethyl Benzene	11.51	91	1387036	48.005	ug/l	99
68) m/p-Xylenes	11.62	106	1027647	95.248	ug/l	99
69) o-Xylene	11.95	106	488700	47.435	ug/l	99
70) Styrene	11.96	104	820792	49.163	ug/l	99
71) Bromoform	12.13	173	225442	47.430	ug/l #	99
73) Isopropylbenzene	12.25	105	1322179	46.777	ug/l	100
74) N-amyl acetate	12.07	43	609946	48.511	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	443348	44.032	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	378180m	41.595	ug/l	
77) Bromobenzene	12.53	156	316992	44.852	ug/l	98
78) n-propylbenzene	12.59	91	1562547	47.731	ug/l	100
79) 2-Chlorotoluene	12.68	91	920780	45.297	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1128164	46.963	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	161212	45.454	ug/l	96
82) 4-Chlorotoluene	12.78	91	945859	45.593	ug/l	100
83) tert-Butylbenzene	13.00	119	960025	47.044	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	1122551	48.091	ug/l	99
85) sec-Butylbenzene	13.17	105	1283845	48.002	ug/l	100
86) p-Isopropyltoluene	13.29	119	1161068	48.152	ug/l	99
87) 1,3-Dichlorobenzene	13.29	146	562159	44.768	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	563066	45.331	ug/l	100
89) n-Butylbenzene	13.62	91	1037842	49.396	ug/l	100
90) Hexachloroethane	13.88	117	212675	44.371	ug/l	100
91) 1,2-Dichlorobenzene	13.66	146	553329	44.285	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	91918	42.264	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	329246	48.856	ug/l	100
94) Hexachlorobutadiene	15.01	225	184374	45.585	ug/l	99
95) Naphthalene	15.13	128	942917	45.194	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	324000	47.239	ug/l	100

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

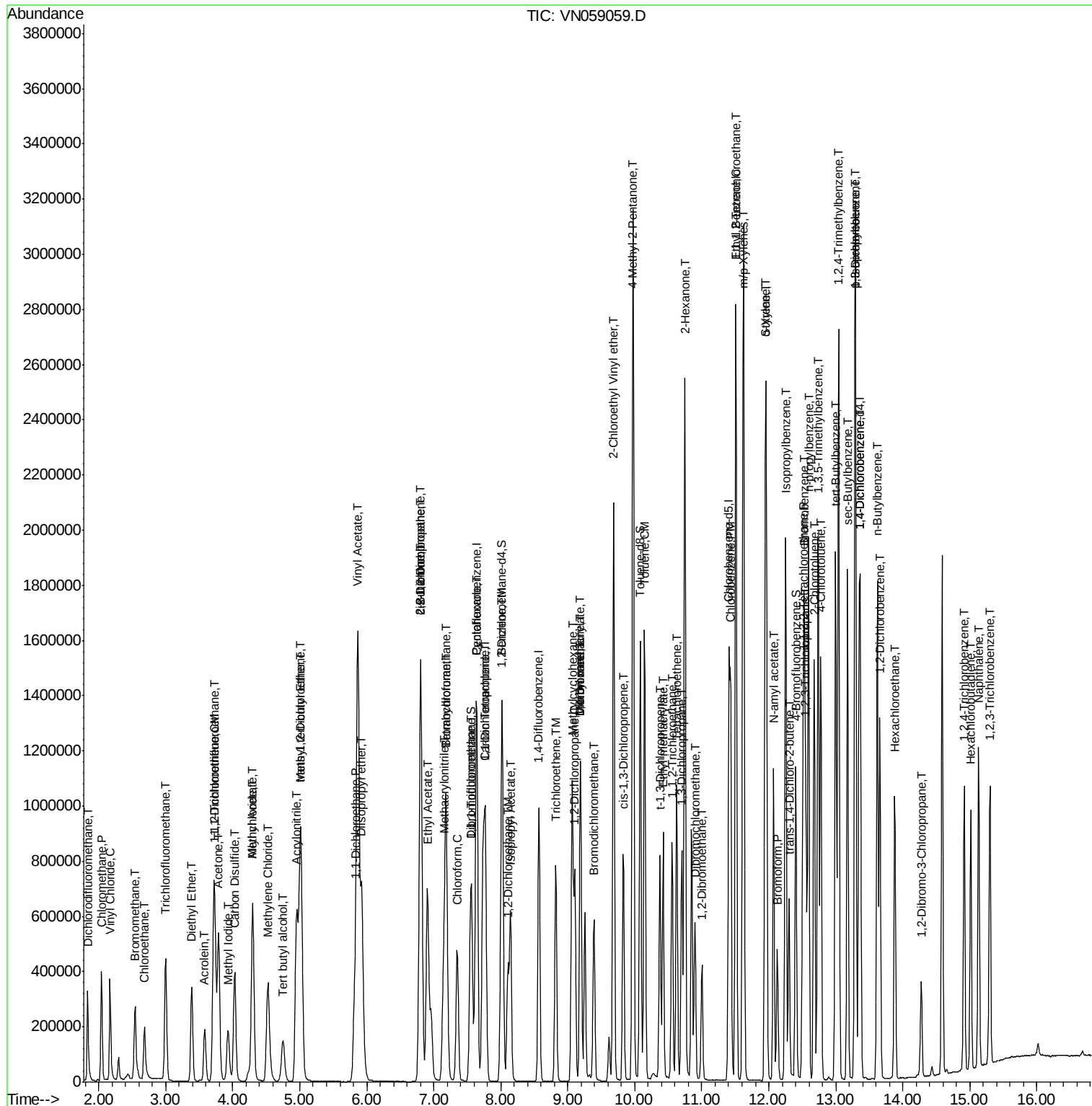
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Operator : JC/SP
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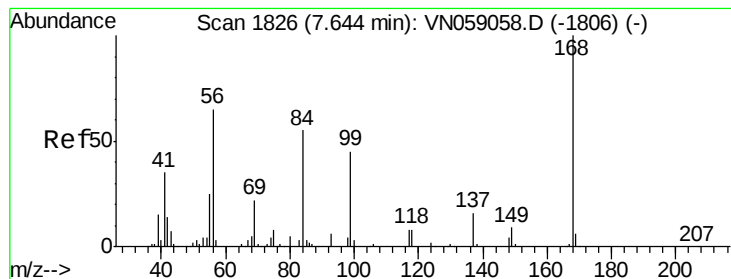
Instrument :
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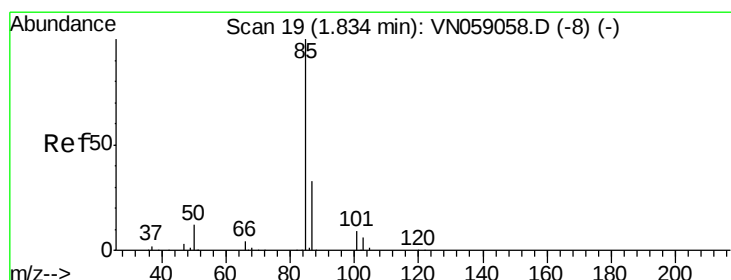
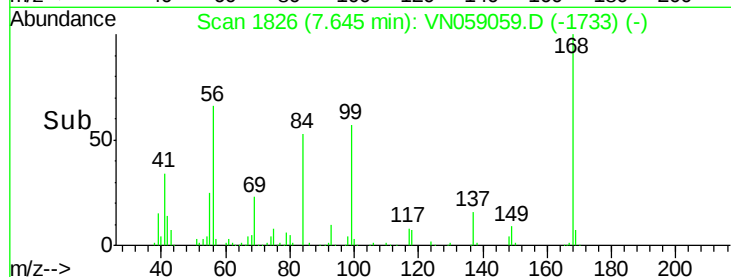
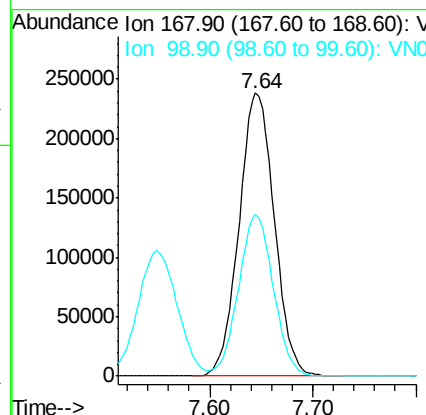
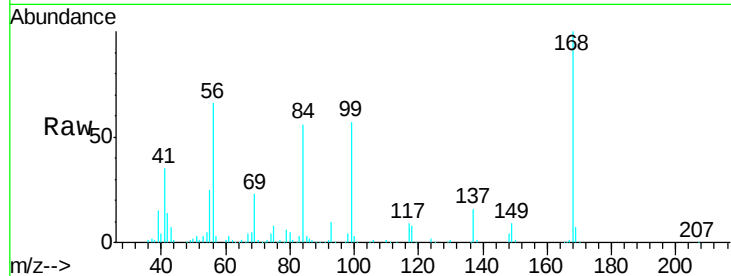
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. 0.00 min
Lab File: VN059059.D
Acq: 1 Nov 2019 13:21

Instrument :
MSVOA_N
ClientSampleId :
ICVVN110119

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	567816		
99	57.1	44.1	66.1	

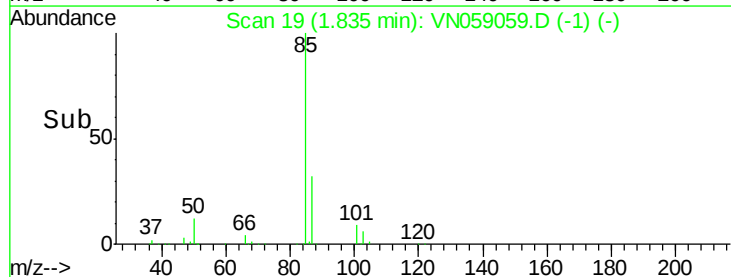
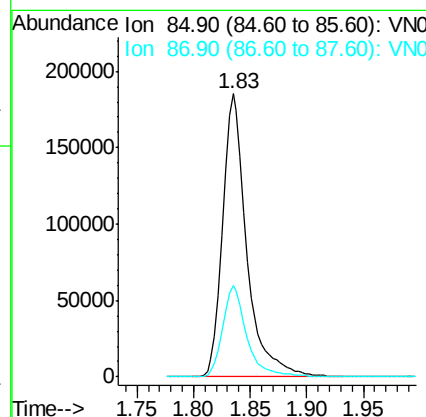
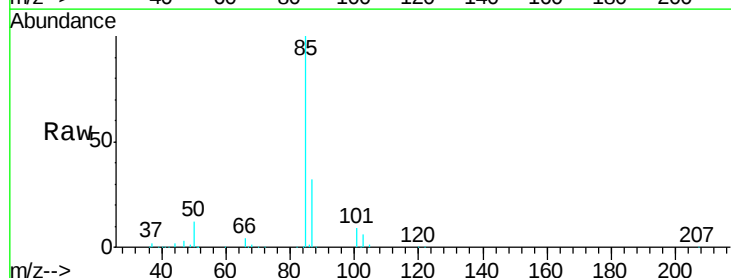
Manual Integrations
APPROVED

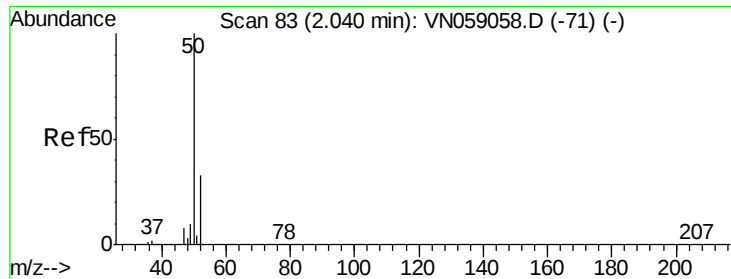
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#2
Dichlorodifluoromethane
Concen: 44.802 ug/l
RT: 1.83 min Scan# 19
Delta R.T. 0.00 min
Lab File: VN059059.D
Acq: 1 Nov 2019 13:21

Tgt Ion	Ratio	Resp	Lower	Upper
85	100	275049		
87	32.3	16.5	49.5	





#3

Chloromethane

Concen: 43.278 ug/l

RT: 2.04 min Scan# 83

Delta R.T. 0.00 min

Lab File: VN059059.D

Acq: 1 Nov 2019 13:21

Instrument :

MSVOA_N

ClientSampleId :

ICVVN110119

Tgt Ion: 50 Resp: 360261

Ion Ratio Lower Upper

50 100

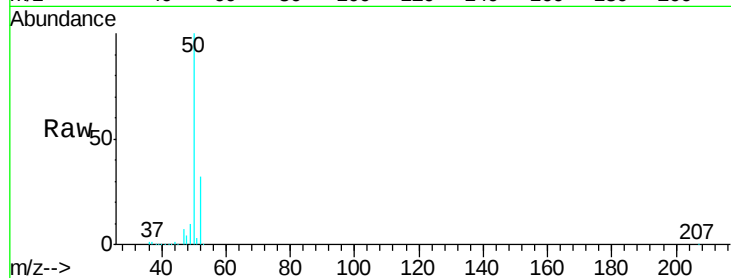
52 32.3 26.3 39.5

Manual Integrations

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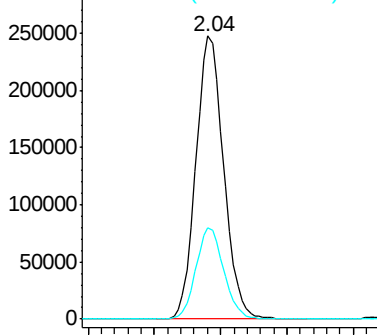
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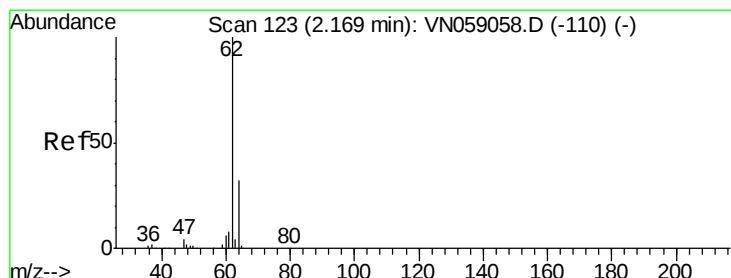
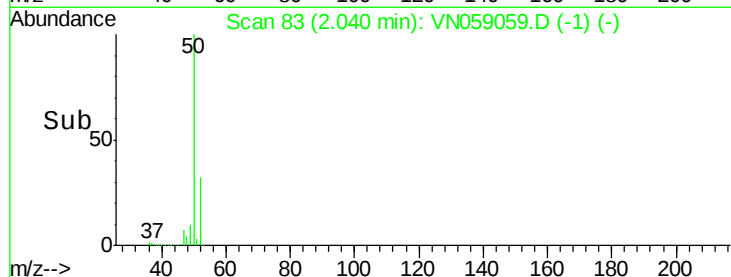


Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



Time-->



#4

Vinyl Chloride

Concen: 44.245 ug/l

RT: 2.17 min Scan# 123

Delta R.T. 0.00 min

Lab File: VN059059.D

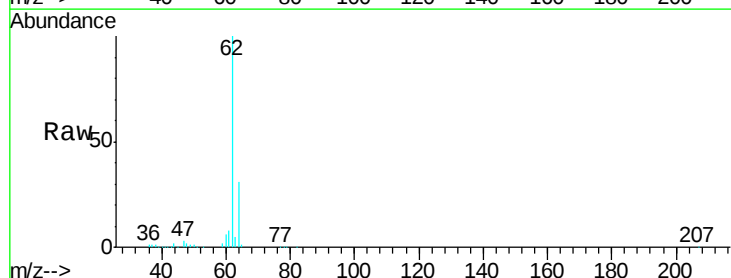
Acq: 1 Nov 2019 13:21

Tgt Ion: 62 Resp: 357514

Ion Ratio Lower Upper

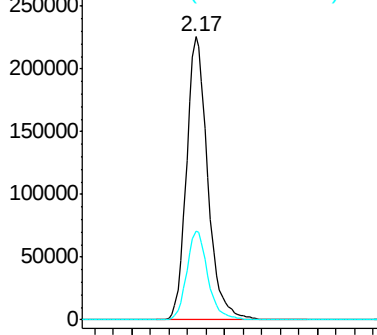
62 100

64 31.4 25.8 38.8

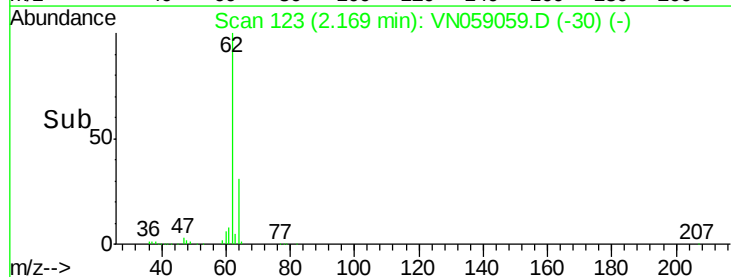


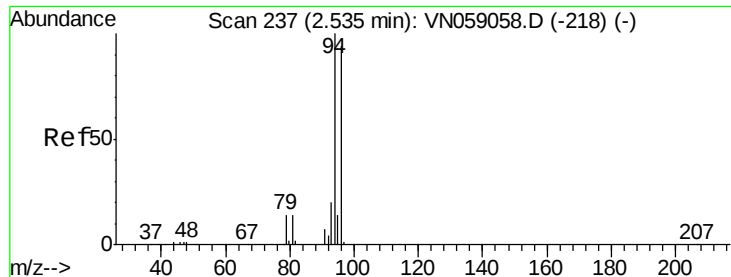
Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0



Time-->





#5

Bromomethane

Concen: 42.996 ug/l

RT: 2.54 min Scan# 239

Delta R.T. 0.01 min

Lab File: VN059059.D

Acq: 1 Nov 2019 13:21

Instrument :

MSVOA_N

ClientSampled :

ICVVN110119

Tgt Ion: 94 Resp: 205401

Ion Ratio Lower Upper

94 100

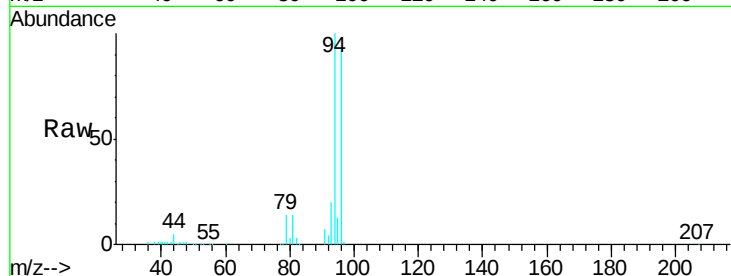
96 93.3 75.1 112.7

Manual Integrations

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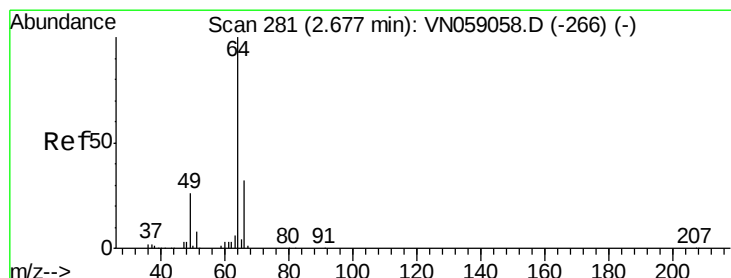
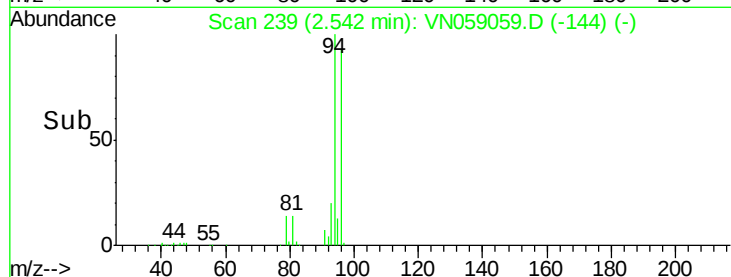
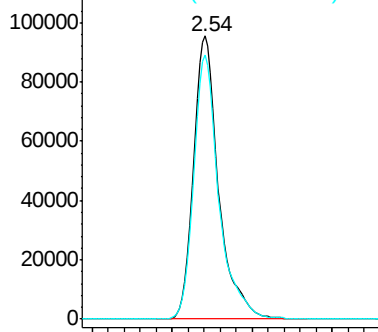
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 41.866 ug/l

RT: 2.68 min Scan# 283

Delta R.T. 0.01 min

Lab File: VN059059.D

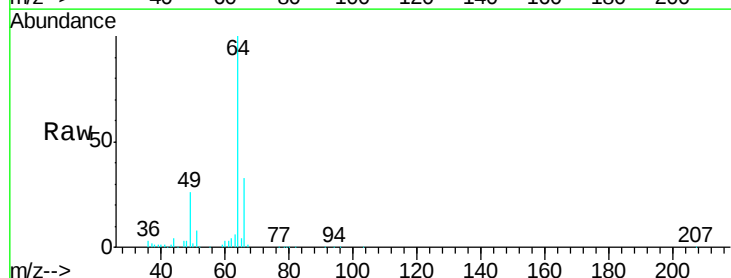
Acq: 1 Nov 2019 13:21

Tgt Ion: 64 Resp: 207181

Ion Ratio Lower Upper

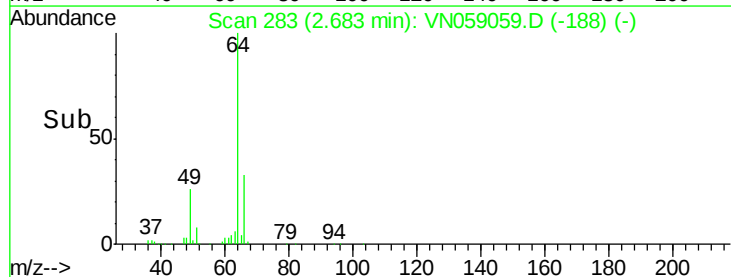
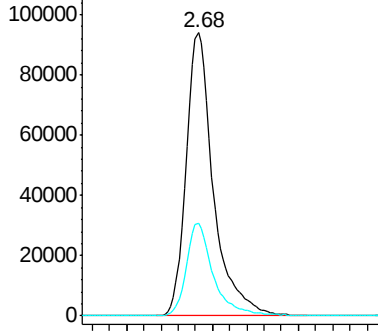
64 100

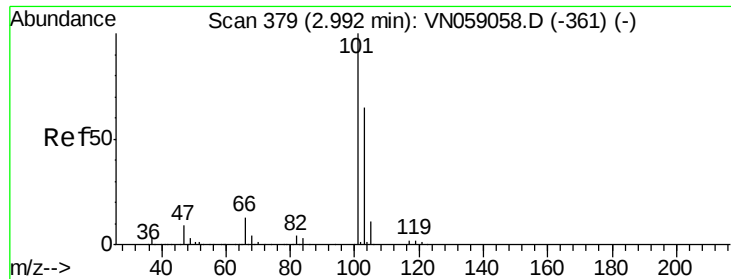
66 32.7 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

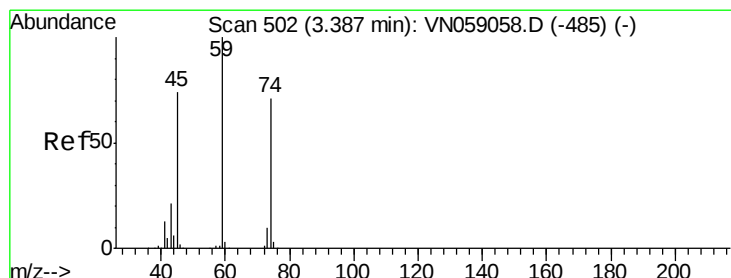
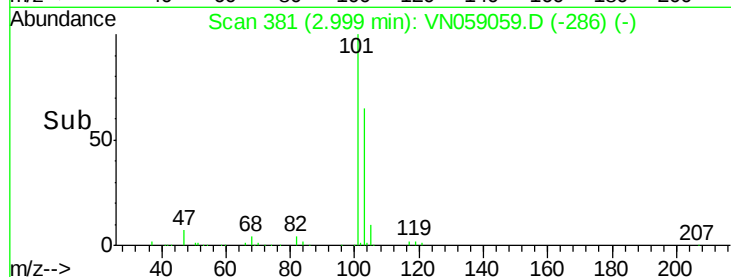
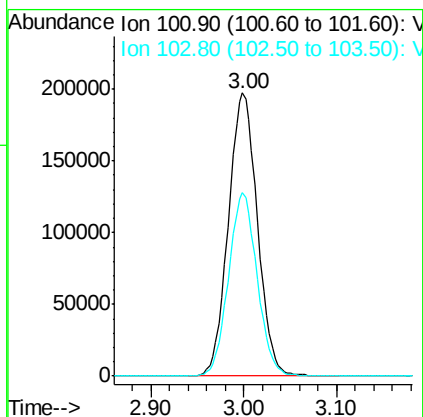
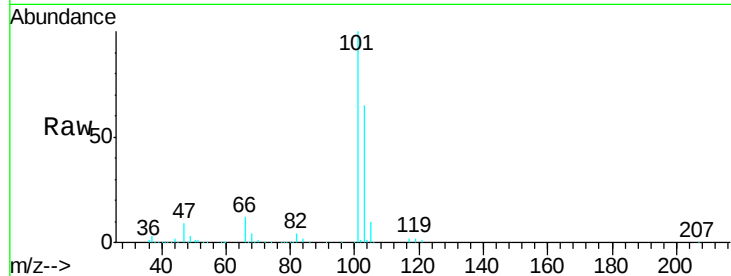
Trichlorofluoromethane
Concen: 44.612 ug/l
RT: 3.00 min Scan# 381
Delta R.T. 0.01 min
Lab File: VN059059.D
Acq: 1 Nov 2019 13:21

Instrument :
MSVOA_N
ClientSampleId :
ICVFN110119

Tgt Ion:101 Resp: 428344
Ion Ratio Lower Upper
101 100
103 64.7 51.7 77.5

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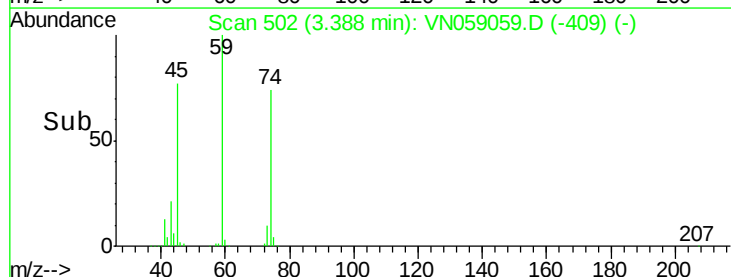
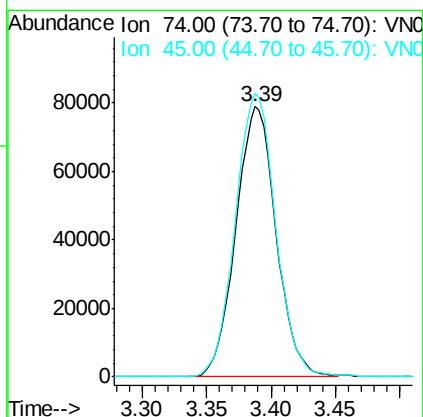
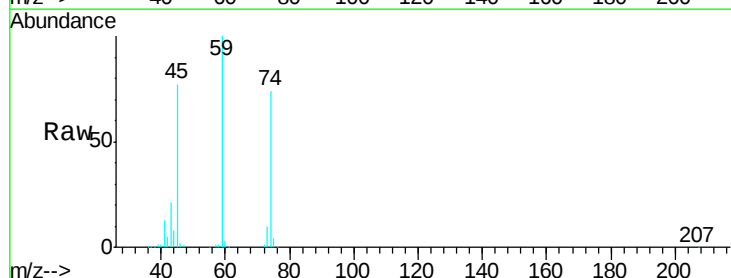
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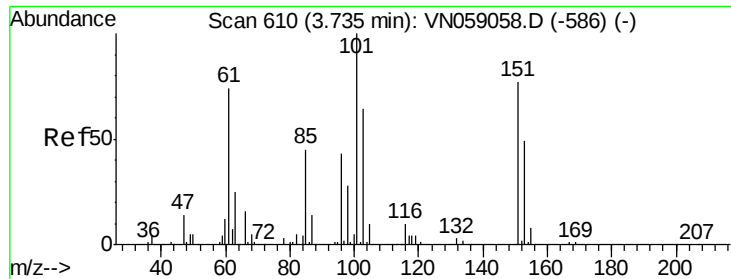


#8

Diethyl Ether
Concen: 45.807 ug/l
RT: 3.39 min Scan# 502
Delta R.T. 0.00 min
Lab File: VN059059.D
Acq: 1 Nov 2019 13:21

Tgt Ion: 74 Resp: 171762
Ion Ratio Lower Upper
74 100
45 105.5 52.8 158.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.099 ug/l

RT: 3.74 min Scan# 611

Delta R.T. 0.00 min

Lab File: VN059059.D

Acq: 1 Nov 2019 13:21

Instrument :

MSVOA_N

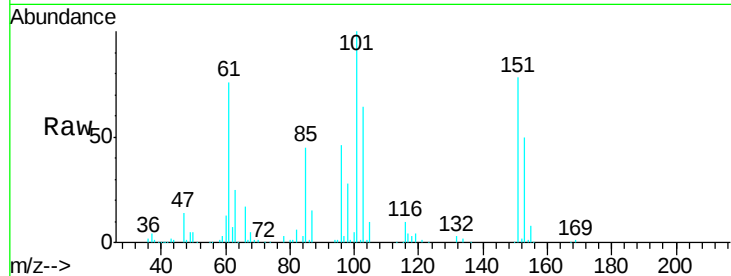
ClientSampleId :

ICVVN110119

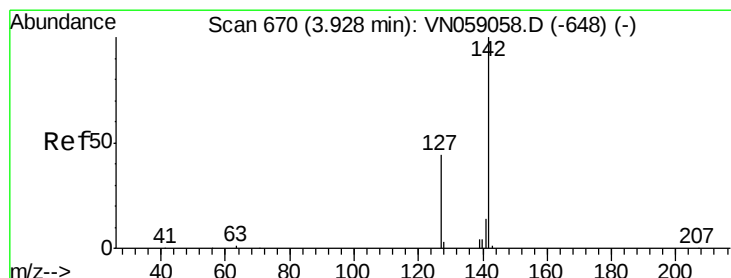
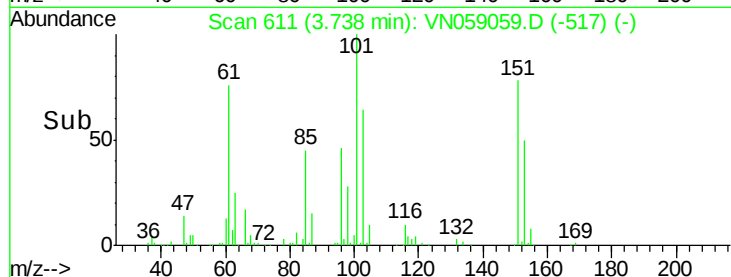
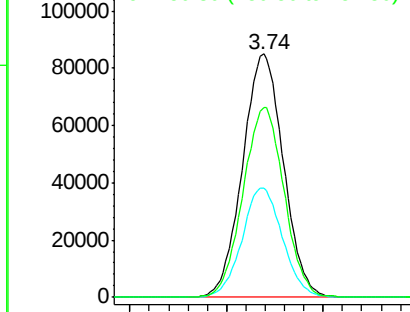
Tgt Ion:	101	Resp:	249576
Ion Ratio	Lower	Upper	
101	100		
85	44.5	35.0	52.6
151	78.4	61.3	91.9

Manual Integrations
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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VN
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 47.619 ug/l

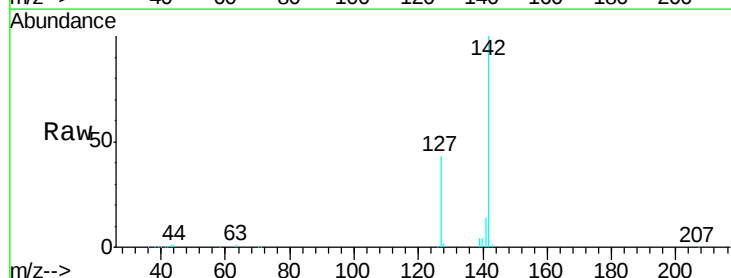
RT: 3.93 min Scan# 670

Delta R.T. 0.00 min

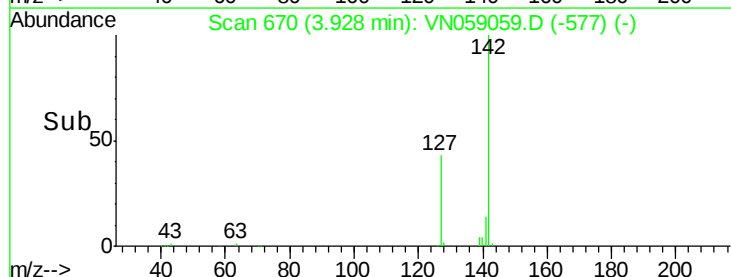
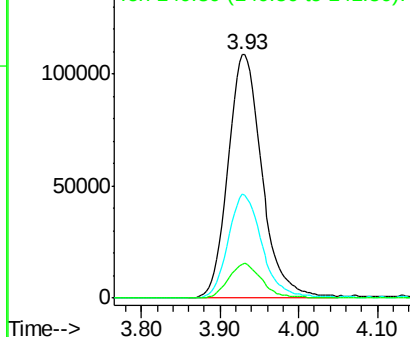
Lab File: VN059059.D

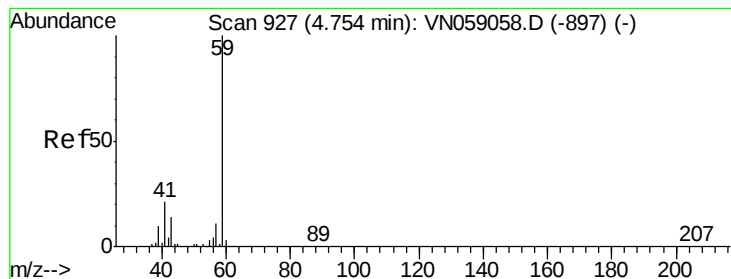
Acq: 1 Nov 2019 13:21

Tgt Ion:	142	Resp:	327562
Ion Ratio	Lower	Upper	
142	100		
127	42.7	34.2	51.2
141	13.9	11.1	16.7



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

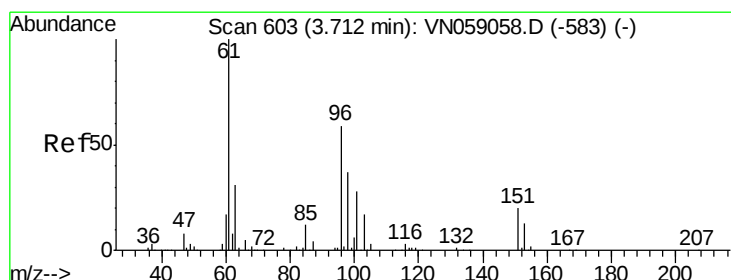
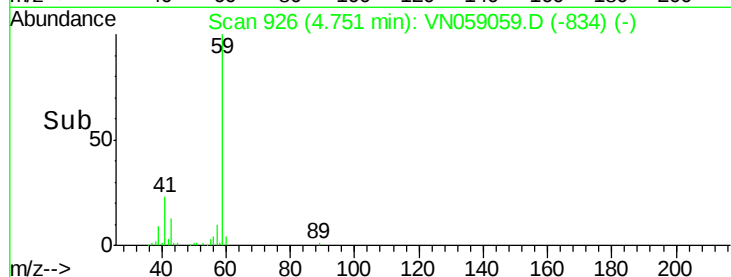
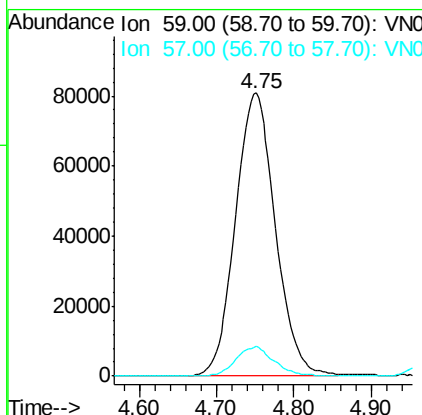
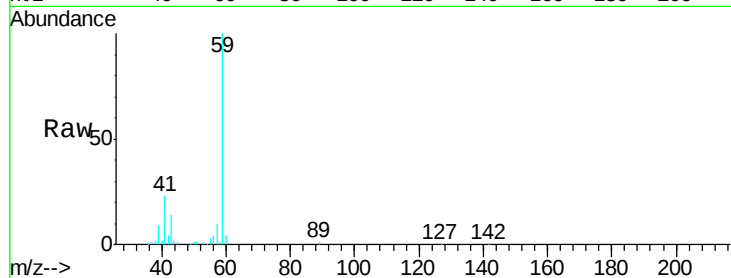
Tert butyl alcohol
 Concen: 208.429 ug/l
 RT: 4.75 min Scan# 926
 Delta R.T. -0.00 min
 Lab File: VN059059.D
 Acq: 1 Nov 2019 13:21

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN110119

Tgt Ion	Ratio	Resp	Lower	Upper
59	100	290089		
57	9.9		8.2	12.4

Manual Integrations
 APPROVED

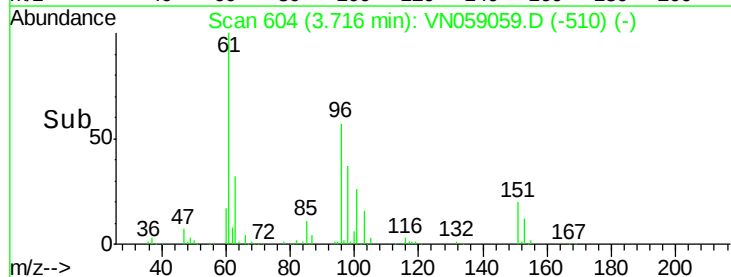
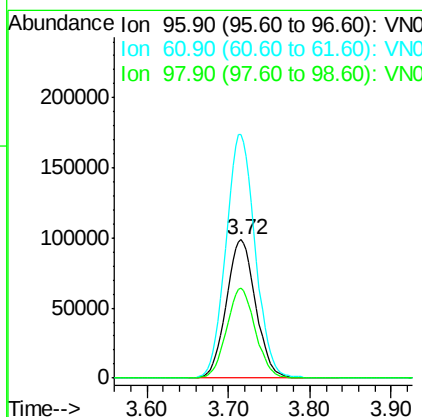
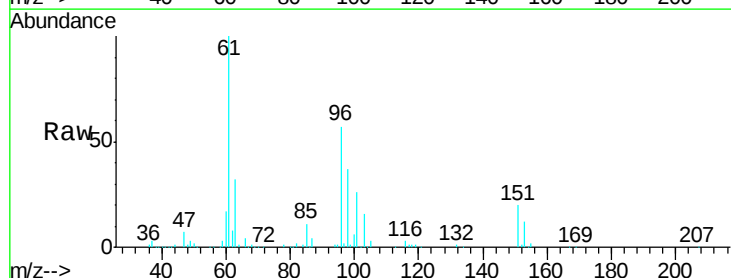
MMDadoda
 11/5/2019 1:59:05 PM

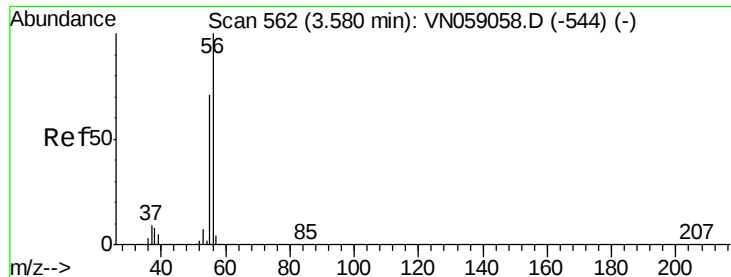


#12

1,1-Dichloroethene
 Concen: 44.381 ug/l
 RT: 3.72 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: VN059059.D
 Acq: 1 Nov 2019 13:21

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	249792		
61	176.4		135.3	202.9
98	64.9		49.4	74.2





#13

Acrolein

Concen: 244.761 ug/l

RT: 3.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VN059059.D

Acq: 1 Nov 2019 13:21

Instrument :

MSVOA_N

ClientSampleId :

ICVVN110119

Tgt Ion: 56 Resp: 214952

Ion Ratio Lower Upper

56 100

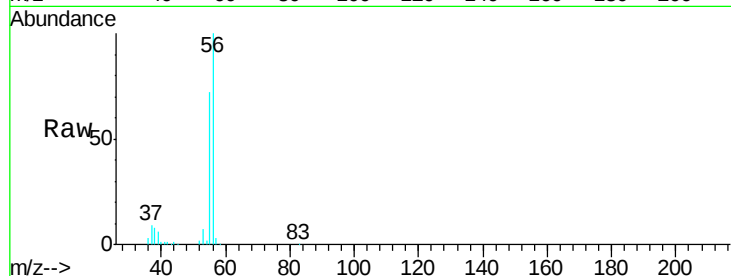
55 71.3 56.1 84.1

Manual Integrations

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Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.58

100000

80000

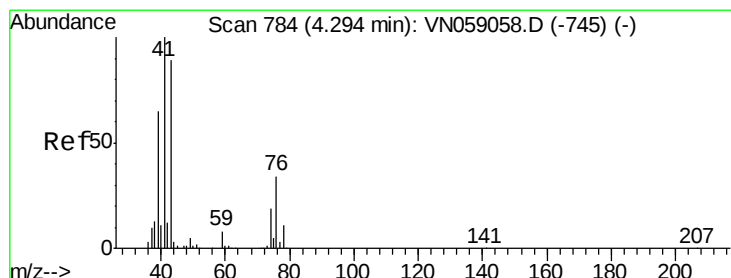
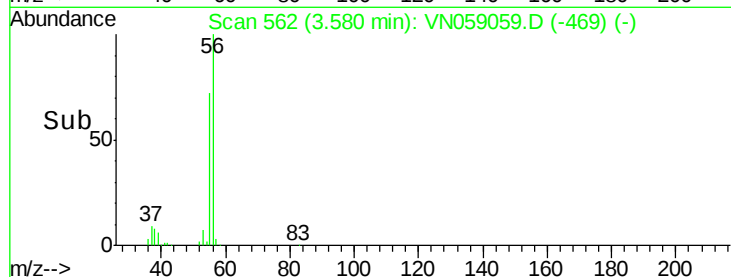
60000

40000

20000

0

Time-->



#14

Allyl chloride

Concen: 45.076 ug/l

RT: 4.30 min Scan# 785

Delta R.T. 0.00 min

Lab File: VN059059.D

Acq: 1 Nov 2019 13:21

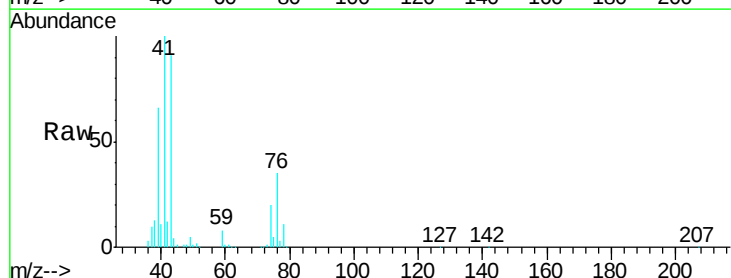
Tgt Ion: 41 Resp: 502728

Ion Ratio Lower Upper

41 100

39 60.5 49.4 74.2

76 31.6 24.6 37.0



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

4.30

200000

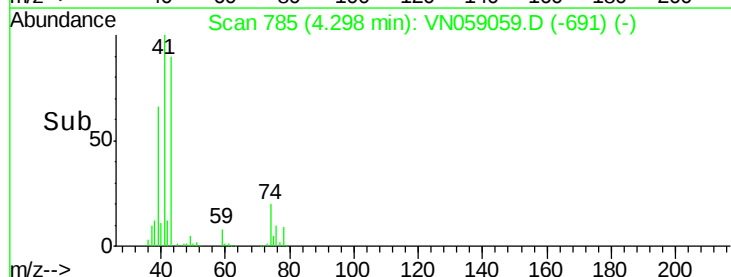
150000

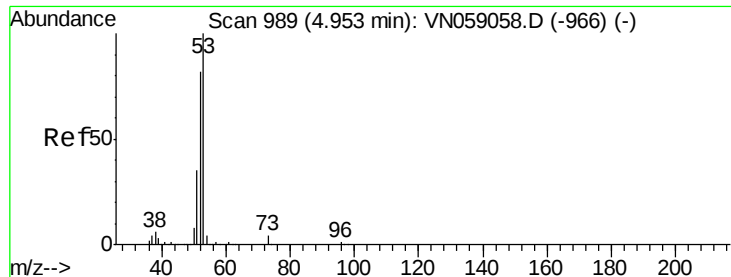
100000

50000

0

Time-->





#15

Acrylonitrile

Concen: 234.755 ug/l

RT: 4.95 min Scan# 989

Delta R.T. 0.00 min

Lab File: VN059059.D

Acq: 1 Nov 2019 13:21

Instrument :

MSVOA_N

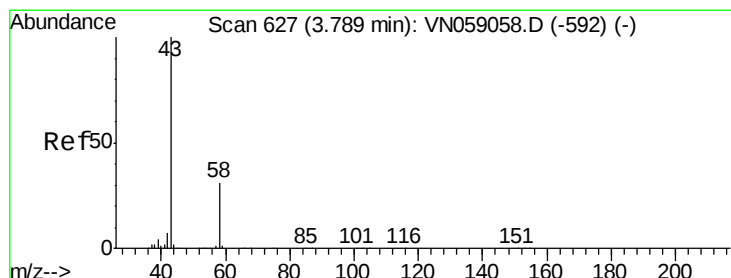
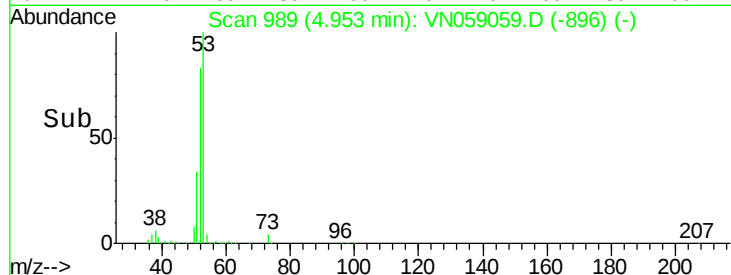
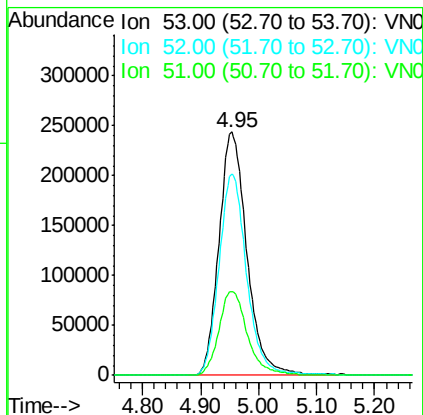
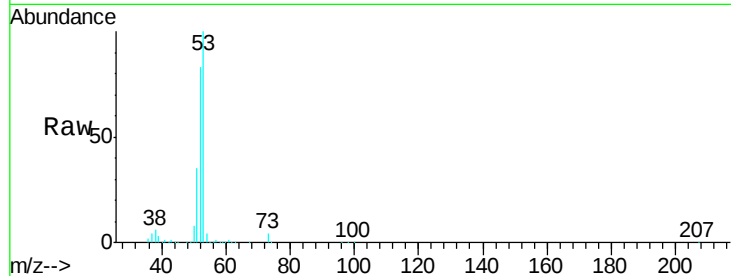
ClientSampleId :

ICVVN110119

Tgt Ion:	53	Resp:	819609
Ion Ratio	Lower	Upper	
53	100		
52	81.4	66.0	99.0
51	35.3	28.3	42.5

Manual Integrations
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#16

Acetone

Concen: 224.624 ug/l

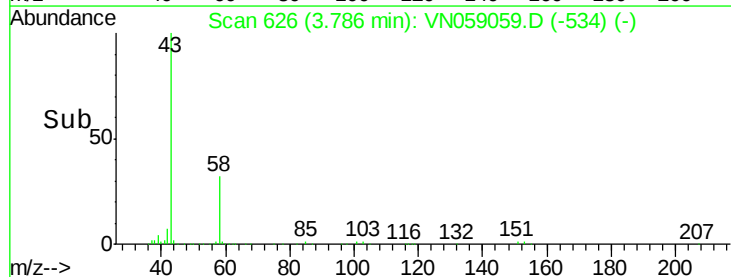
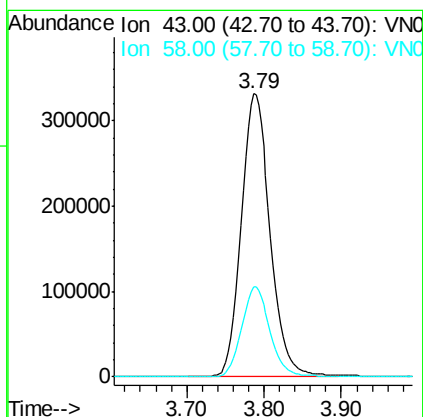
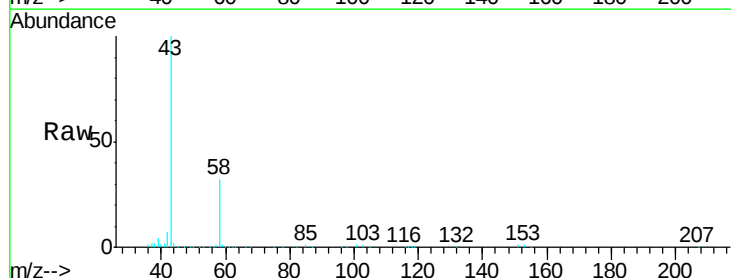
RT: 3.79 min Scan# 626

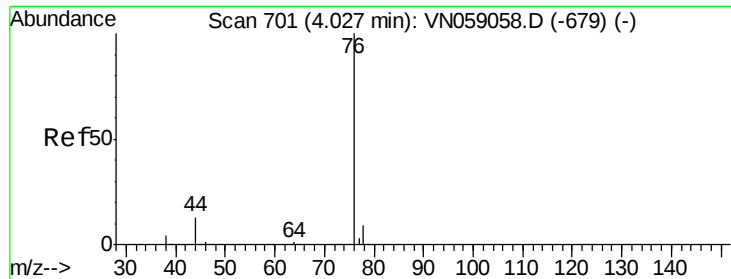
Delta R.T. -0.00 min

Lab File: VN059059.D

Acq: 1 Nov 2019 13:21

Tgt Ion:	43	Resp:	855166
Ion Ratio	Lower	Upper	
43	100		
58	31.8	25.0	37.6





#17

Carbon Disulfide

Concen: 43.795 ug/l

RT: 4.03 min Scan# 702

Delta R.T. 0.00 min

Lab File: VN059059.D

Acq: 1 Nov 2019 13:21

Instrument :

MSVOA_N

ClientSampleId :

ICVVN110119

Tgt Ion: 76 Resp: 783661

Ion Ratio Lower Upper

76 100

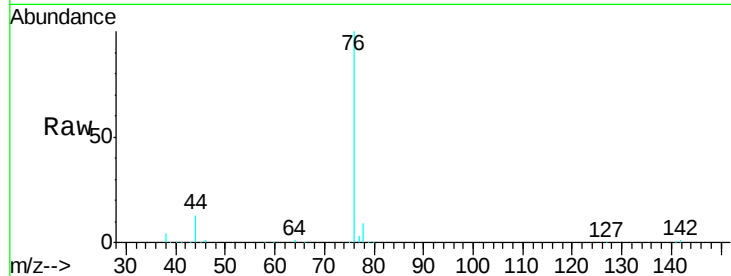
78 8.8 7.0 10.6

Manual Integrations

APPROVED

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Abundance Ion 75.90 (75.60 to 76.60): VNO

Ion 77.90 (77.60 to 78.60): VNO

4.03

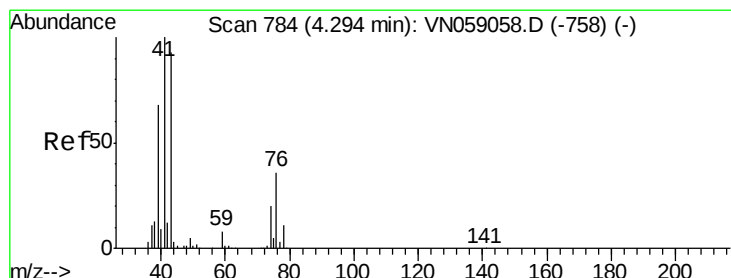
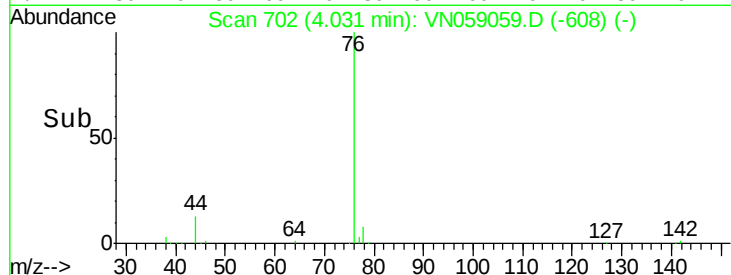
300000

200000

100000

0

Time-->



#18

Methyl Acetate

Concen: 42.334 ug/l

RT: 4.30 min Scan# 785

Delta R.T. 0.00 min

Lab File: VN059059.D

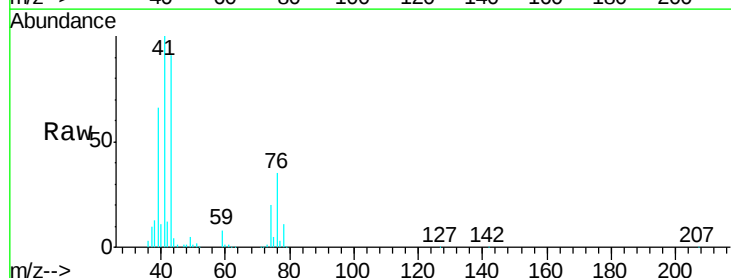
Acq: 1 Nov 2019 13:21

Tgt Ion: 43 Resp: 408302

Ion Ratio Lower Upper

43 100

74 21.9 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 74.00 (73.70 to 74.70): VNO

4.30

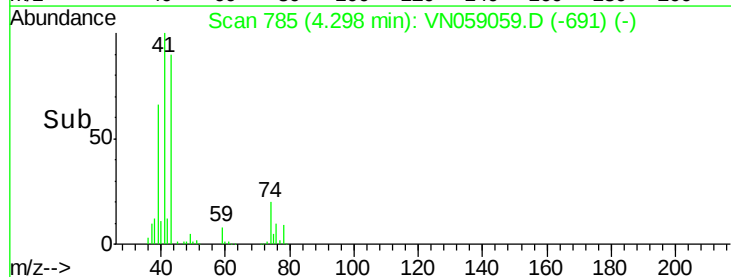
150000

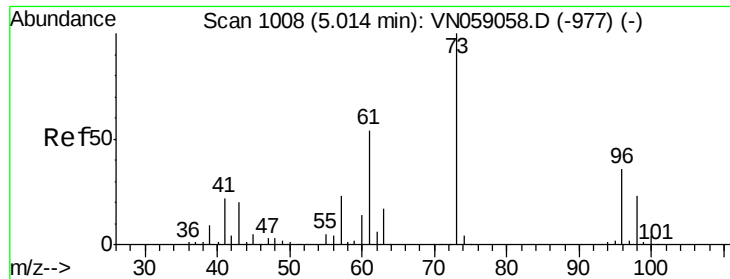
100000

50000

0

Time-->





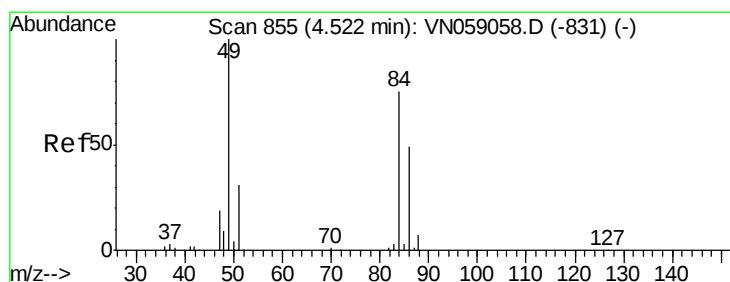
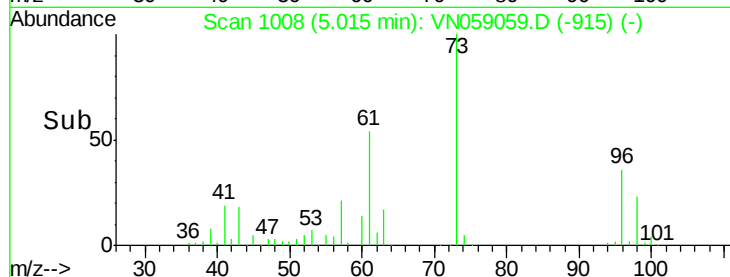
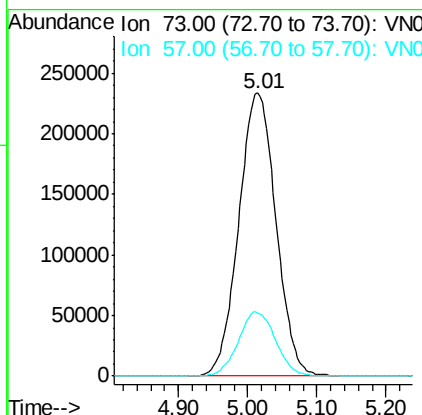
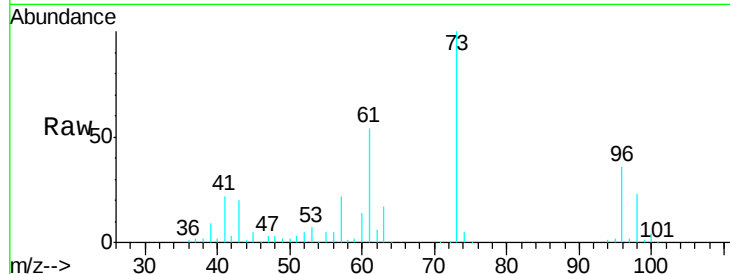
#19
Methyl tert-butyl Ether
Concen: 45.436 ug/l
RT: 5.01 min Scan# 1008
Delta R.T. 0.00 min
Lab File: VN059059.D
Acq: 1 Nov 2019 13:21

Instrument :
MSVOA_N
ClientSampleId :
ICVVN110119

Tgt Ion: 73 Resp: 871002
Ion Ratio Lower Upper
73 100
57 22.4 18.4 27.6

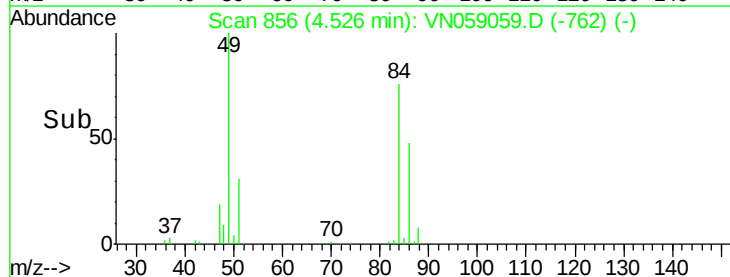
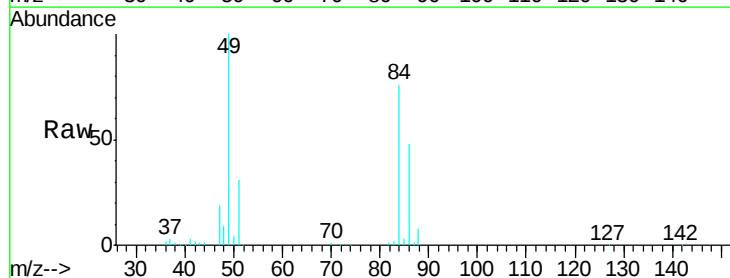
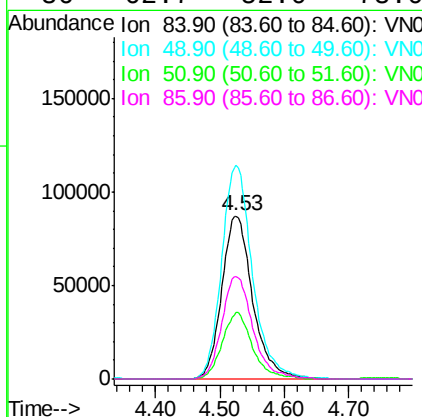
Manual Integrations
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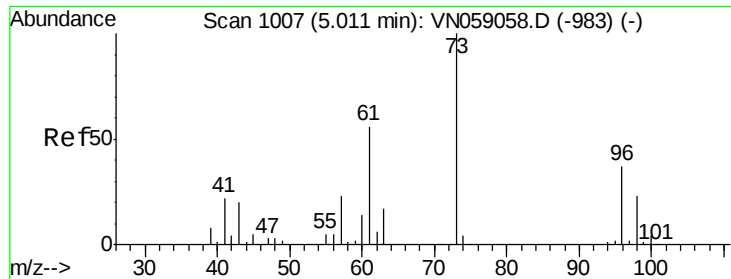
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#20
Methylene Chloride
Concen: 43.616 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN059059.D
Acq: 1 Nov 2019 13:21

Tgt Ion: 84 Resp: 290690
Ion Ratio Lower Upper
84 100
49 130.9 106.4 159.6
51 41.0 33.0 49.4
86 62.7 52.0 78.0





#21

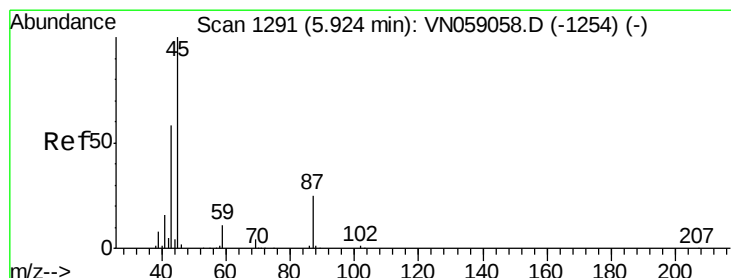
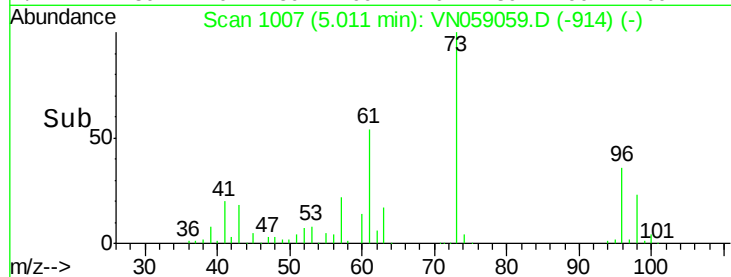
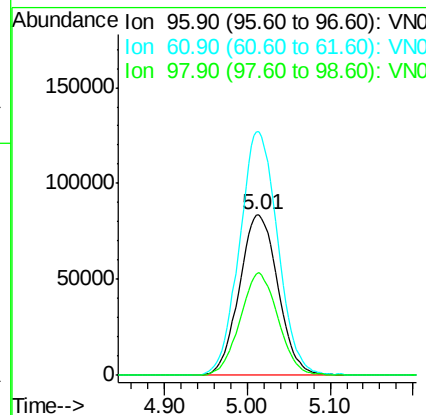
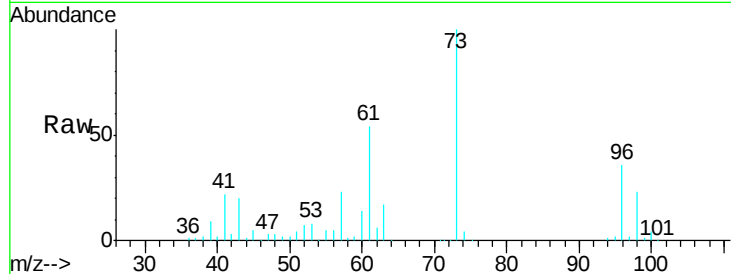
trans-1,2-Dichloroethene
Concen: 44.871 ug/l
RT: 5.01 min Scan# 1007
Delta R.T. 0.00 min
Lab File: VN059059.D
Acq: 1 Nov 2019 13:21

Instrument :
MSVOA_N
ClientSampleId :
ICVVN110119

Tgt Ion	Ratio	Lower	Upper
96	100		
61	151.6	121.7	182.5
98	63.3	50.6	76.0

Manual Integrations
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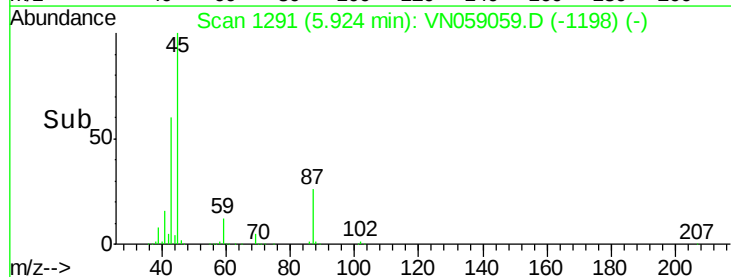
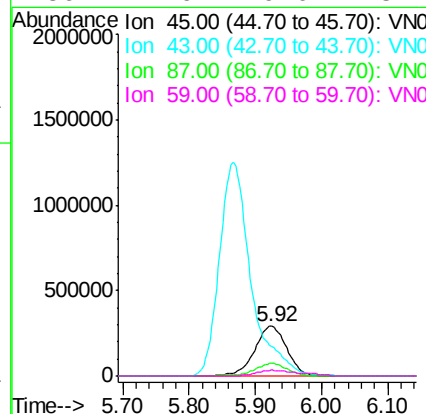
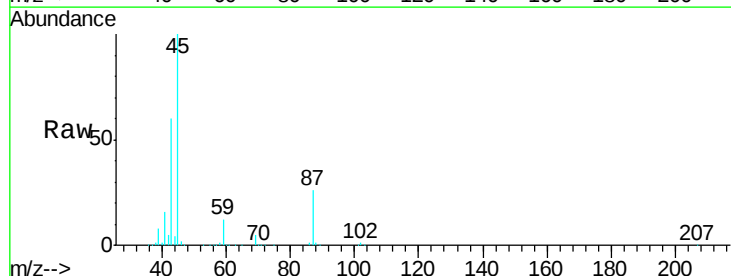
MMDadoda
11/5/2019 1:59:05 PM

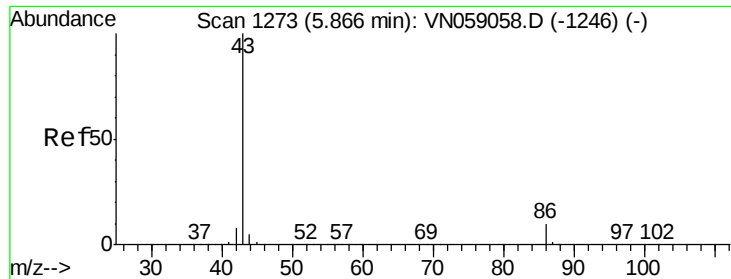


#22

Diisopropyl ether
Concen: 46.279 ug/l
RT: 5.92 min Scan# 1291
Delta R.T. 0.00 min
Lab File: VN059059.D
Acq: 1 Nov 2019 13:21

Tgt Ion	Ratio	Lower	Upper
45	100		
43	58.7	46.9	70.3
87	25.7	20.1	30.1
59	11.6	9.0	13.4





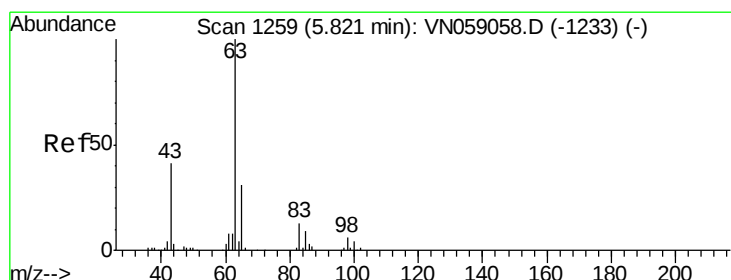
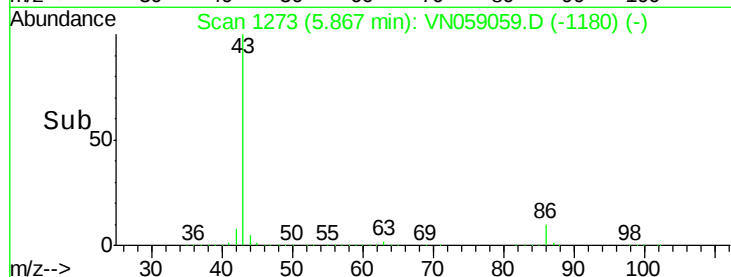
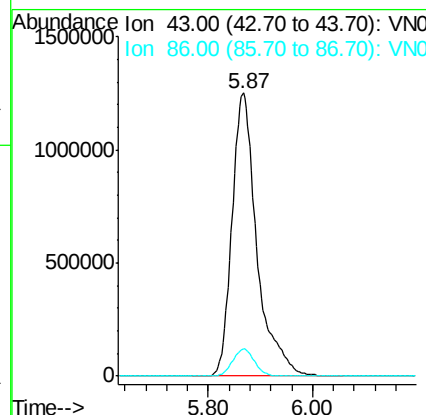
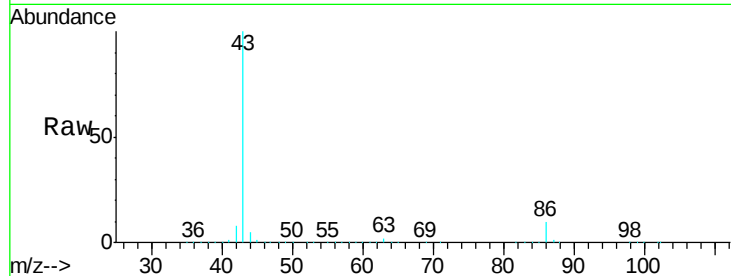
#23
 Vinyl Acetate
 Concen: 245.724 ug/l
 RT: 5.87 min Scan# 1273
 Delta R.T. 0.00 min
 Lab File: VN059059.D
 Acq: 1 Nov 2019 13:21

Instrument :
 MSVOA_N
 ClientSampled :
 ICVVN110119

Tgt Ion: 43 Resp: 4157633
 Ion Ratio Lower Upper
 43 100
 86 9.5 7.6 11.4

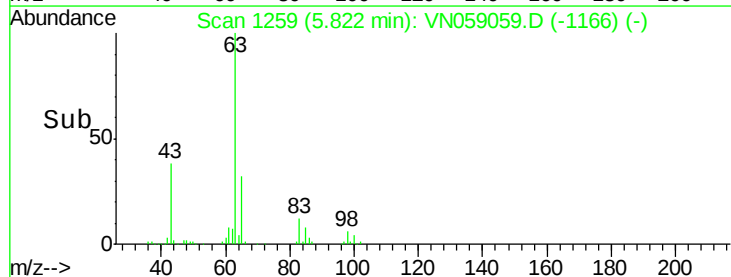
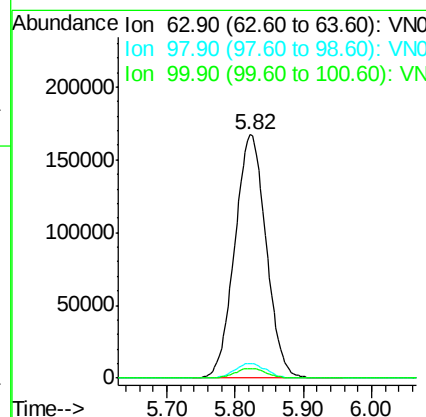
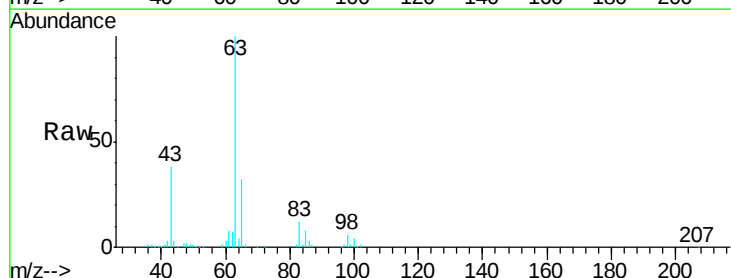
Manual Integrations
 APPROVED

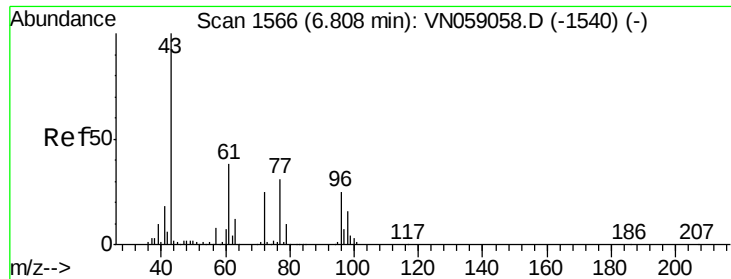
MMDadoda
 11/5/2019 1:59:05 PM



#24
 1,1-Dichloroethane
 Concen: 44.002 ug/l
 RT: 5.82 min Scan# 1259
 Delta R.T. 0.00 min
 Lab File: VN059059.D
 Acq: 1 Nov 2019 13:21

Tgt Ion: 63 Resp: 534424
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.2 9.6
 100 3.8 2.0 6.0





#25

2-Butanone

Concen: 232.735 ug/l

RT: 6.81 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN059059.D

Acq: 1 Nov 2019 13:21

Instrument :

MSVOA_N

ClientSampleId :

ICVVN110119

Tgt Ion: 43 Resp: 1179810

Ion Ratio Lower Upper

43 100

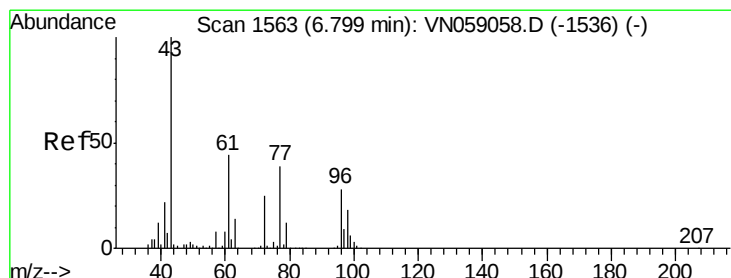
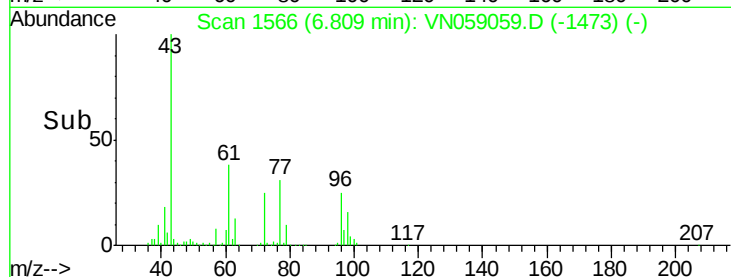
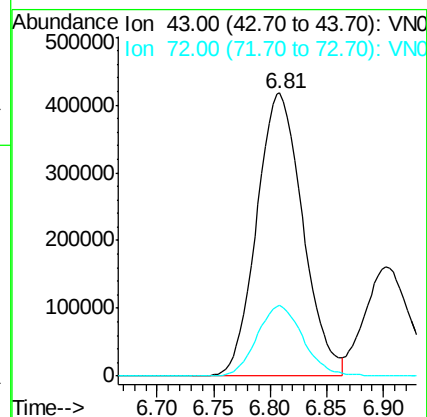
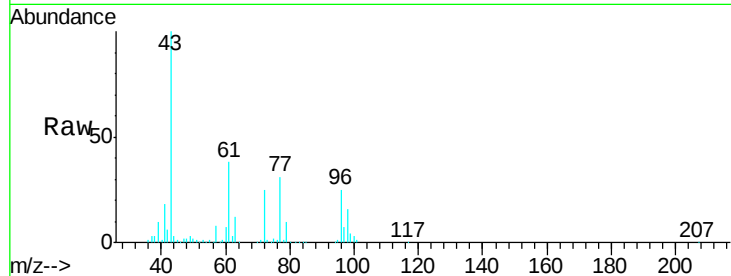
72 25.1 19.9 29.9

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#26

2,2-Dichloropropane

Concen: 42.710 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. 0.00 min

Lab File: VN059059.D

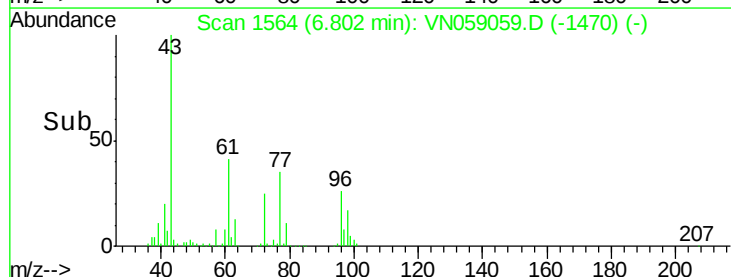
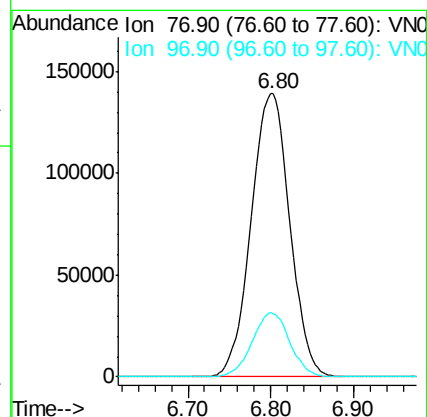
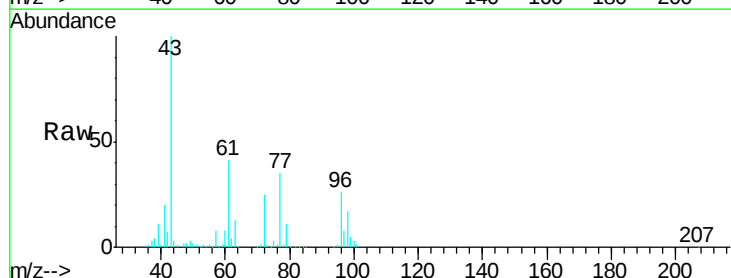
Acq: 1 Nov 2019 13:21

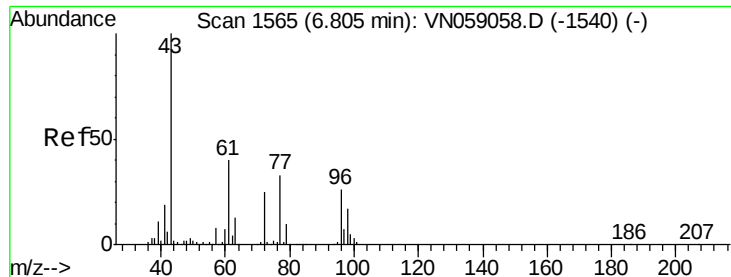
Tgt Ion: 77 Resp: 450248

Ion Ratio Lower Upper

77 100

97 22.1 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 44.779 ug/l

RT: 6.81 min Scan# 1565

Delta R.T. 0.00 min

Lab File: VN059059.D

Acq: 1 Nov 2019 13:21

Instrument :

MSVOA_N

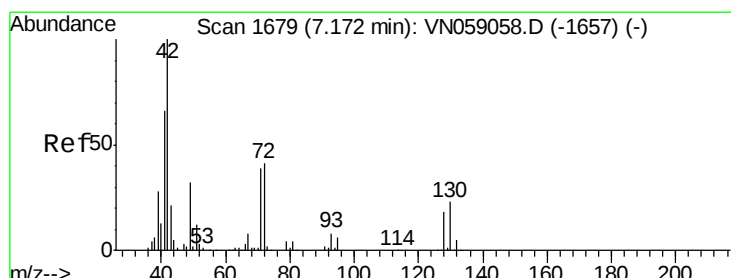
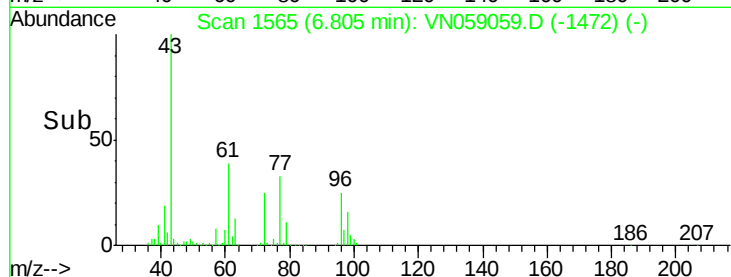
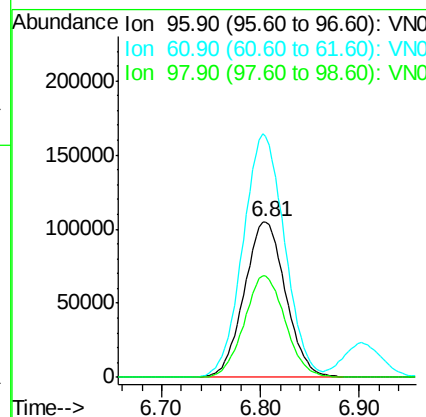
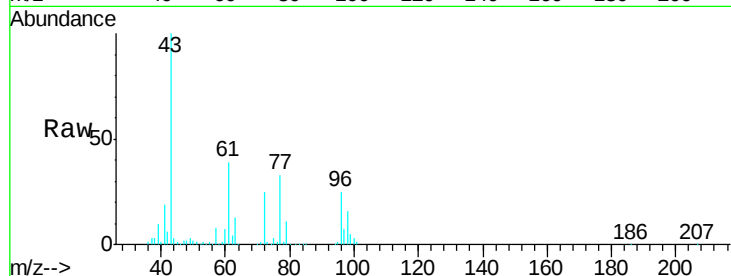
ClientSampleId :

ICVVN110119

Tgt Ion:	96	Resp:	304666
Ion	Ratio	Lower	Upper
96	100		
61	157.7	0.0	316.4
98	64.8	0.0	128.2

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#28

Bromochloromethane

Concen: 46.151 ug/l

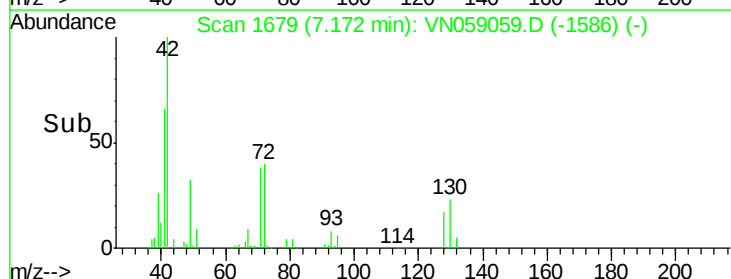
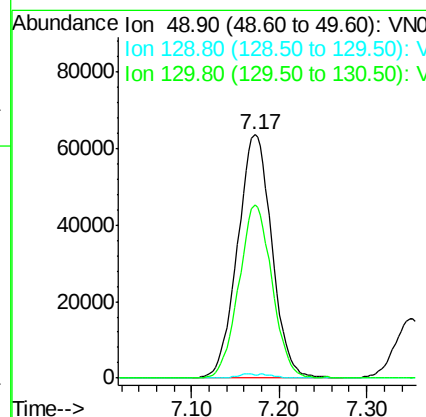
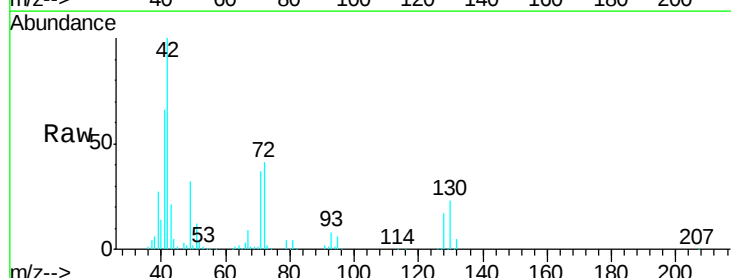
RT: 7.17 min Scan# 1679

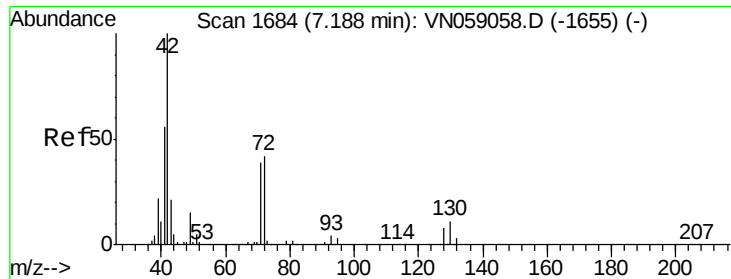
Delta R.T. 0.00 min

Lab File: VN059059.D

Acq: 1 Nov 2019 13:21

Tgt Ion:	49	Resp:	172993
Ion	Ratio	Lower	Upper
49	100		
129	0.9	0.0	3.4
130	69.1	55.0	82.6





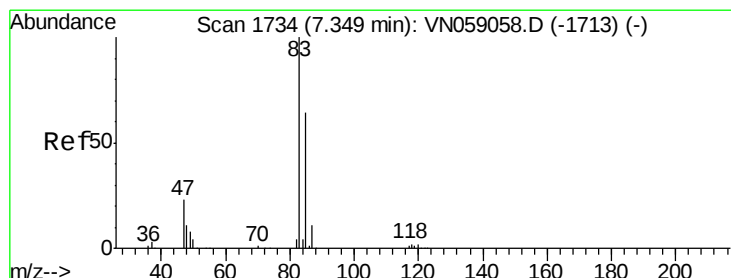
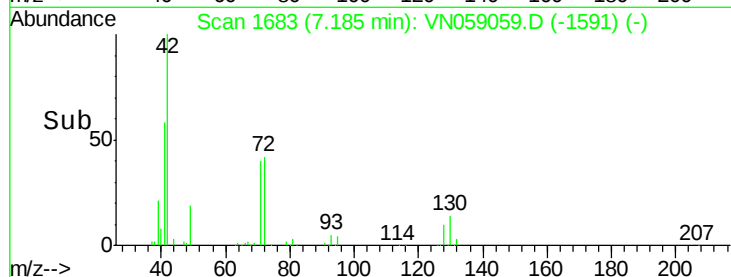
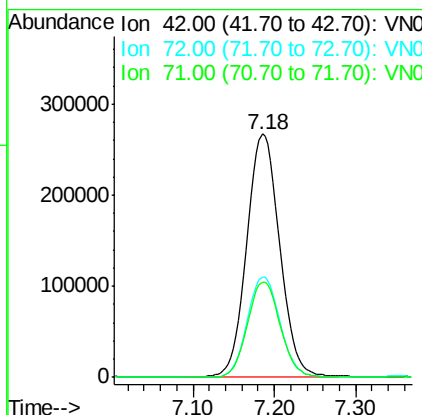
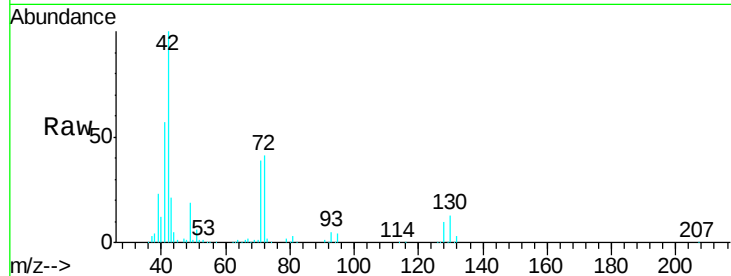
#29
Tetrahydrofuran
Concen: 232.394 ug/l
RT: 7.18 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VN059059.D
Acq: 1 Nov 2019 13:21

Instrument :
MSVOA_N
ClientSampleId :
ICVVN110119

Tgt Ion	Ratio	Lower	Upper
42	100		
72	41.2	32.7	49.1
71	38.9	31.2	46.8

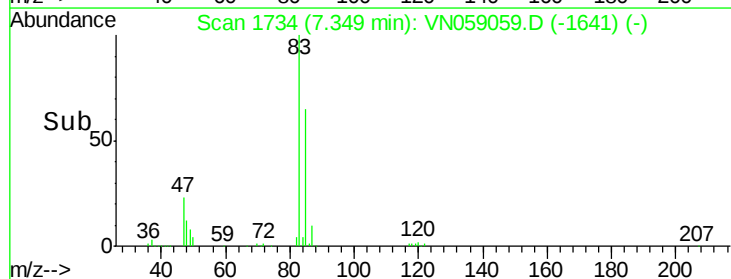
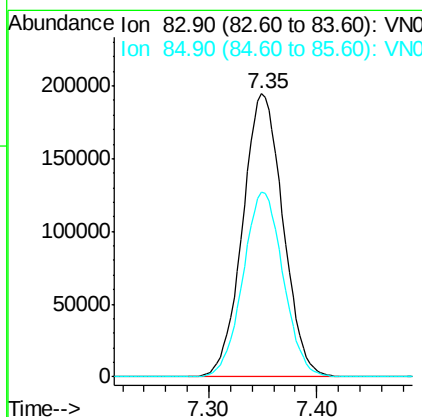
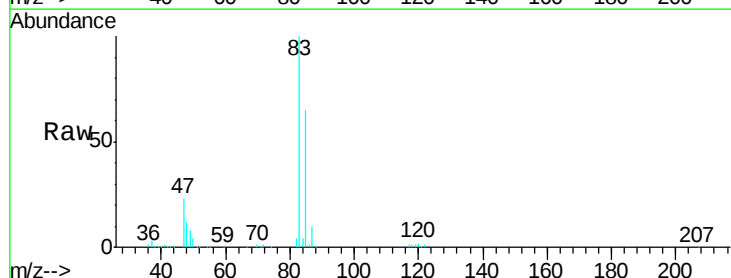
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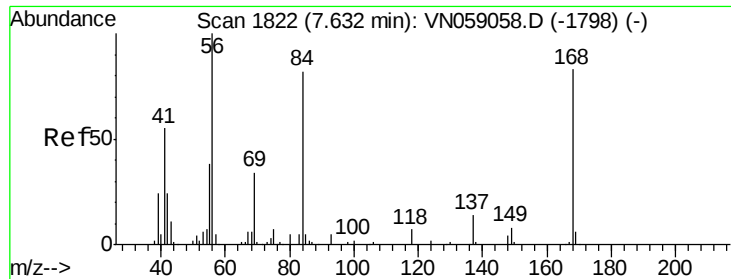
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#30
Chloroform
Concen: 43.568 ug/l
RT: 7.35 min Scan# 1734
Delta R.T. 0.00 min
Lab File: VN059059.D
Acq: 1 Nov 2019 13:21

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.1	50.9	76.3





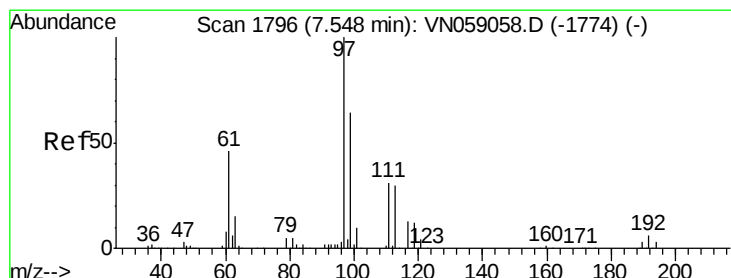
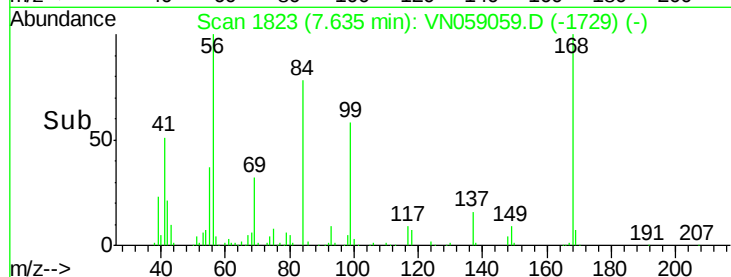
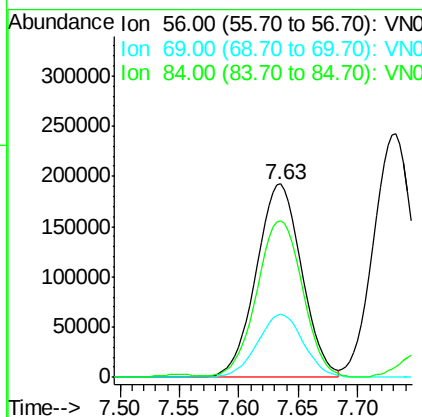
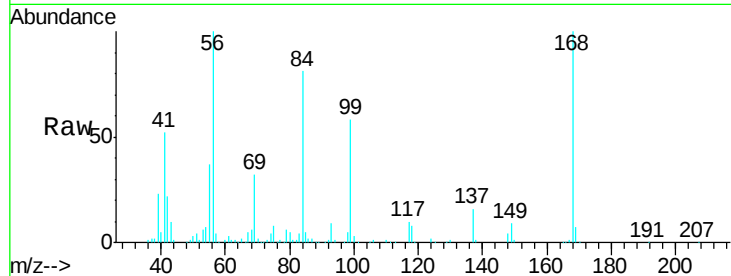
#31
Cyclohexane
Concen: 44.027 ug/l
RT: 7.63 min Scan# 1823
Delta R.T. 0.00 min
Lab File: VN059059.D
Acq: 1 Nov 2019 13:21

Instrument :
MSVOA_N
ClientSampleId :
ICVVN110119

Tgt Ion	Ratio	Lower	Upper
56	100		
69	32.5	27.2	40.8
84	79.7	65.2	97.8

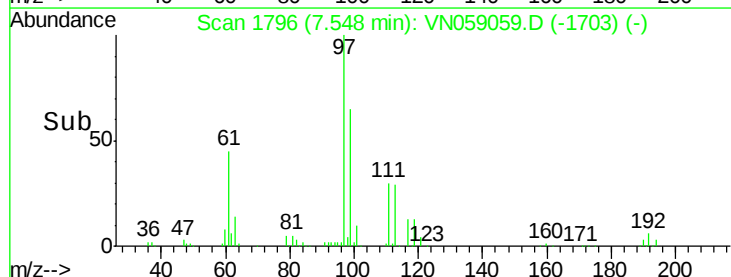
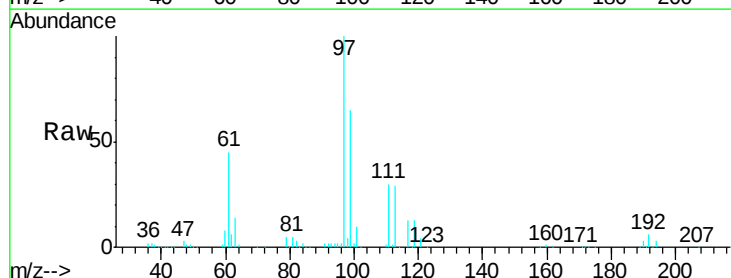
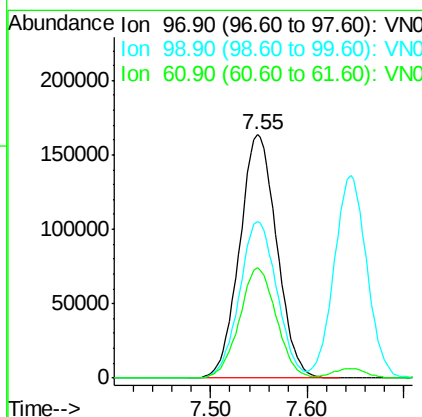
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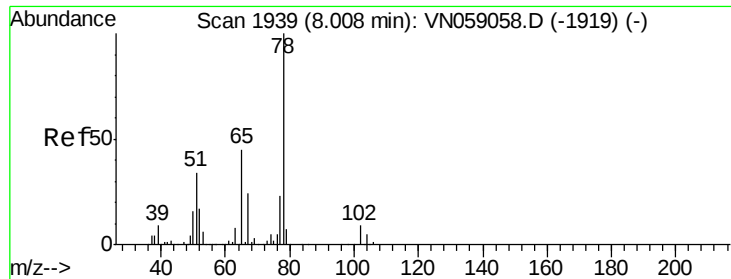
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 44.482 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. 0.00 min
Lab File: VN059059.D
Acq: 1 Nov 2019 13:21

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.9	50.7	76.1
61	45.1	36.3	54.5





#33

1,2-Dichloroethane-d4

Concen: 47.516 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. -0.00 min

Lab File: VN059059.D

Acq: 1 Nov 2019 13:21

Instrument :

MSVOA_N

ClientSampleId :

ICVVN110119

Tgt Ion: 65 Resp: 357319

Ion Ratio Lower Upper

65 100

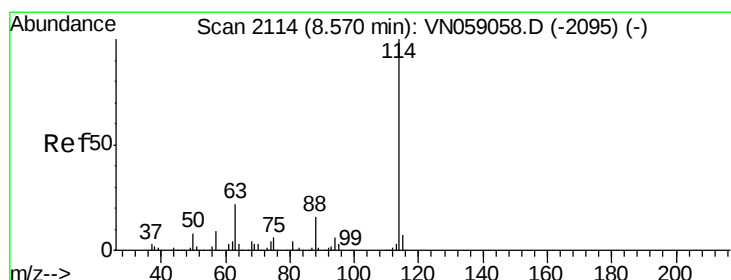
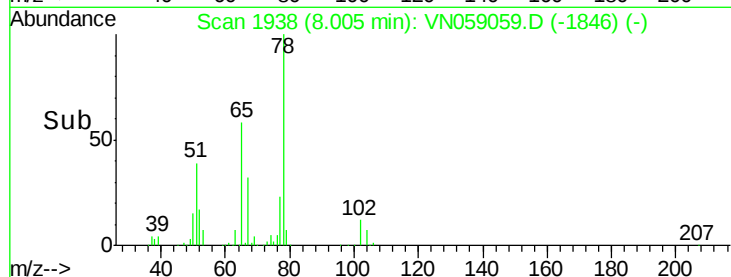
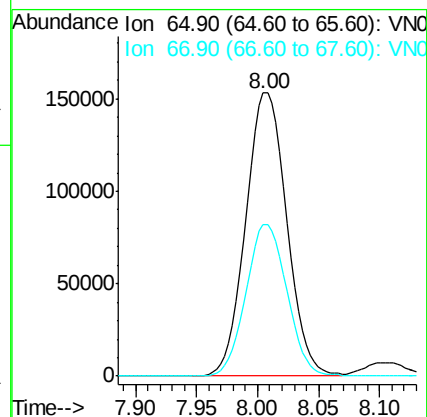
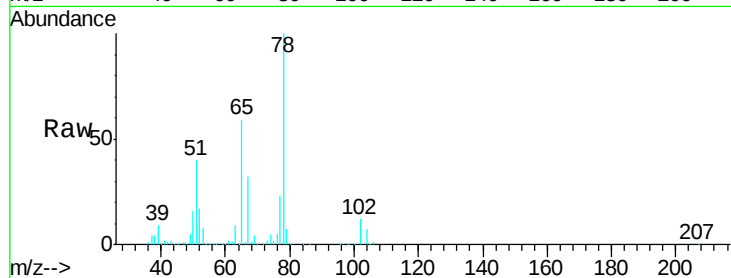
67 53.5 0.0 107.6

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2114

Delta R.T. 0.00 min

Lab File: VN059059.D

Acq: 1 Nov 2019 13:21

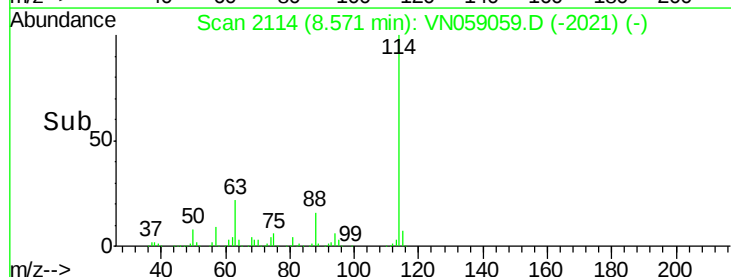
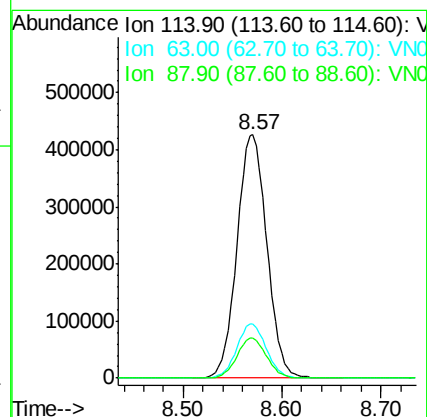
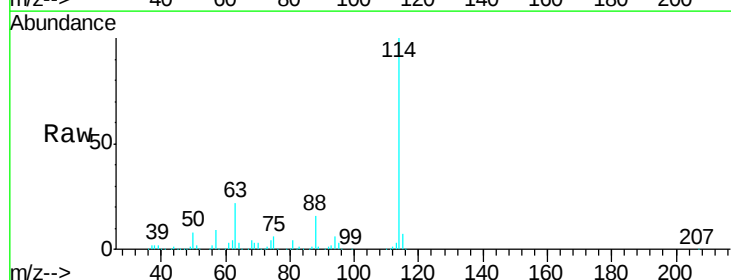
Tgt Ion: 114 Resp: 896872

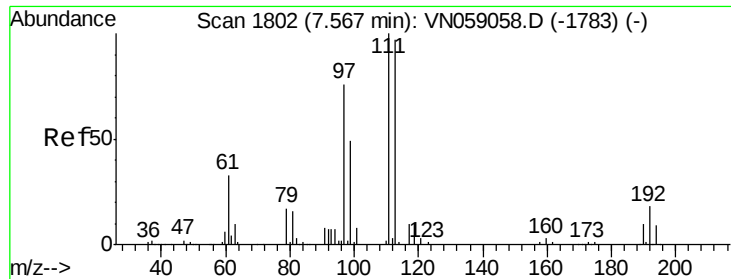
Ion Ratio Lower Upper

114 100

63 22.0 0.0 43.2

88 16.2 0.0 33.0





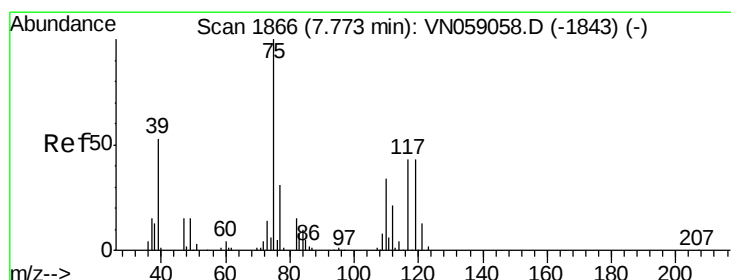
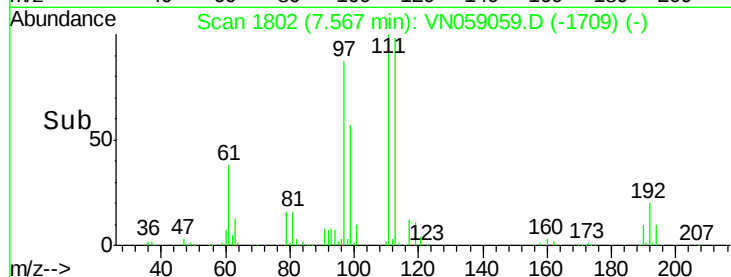
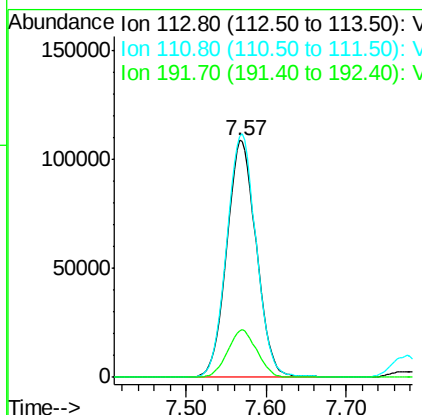
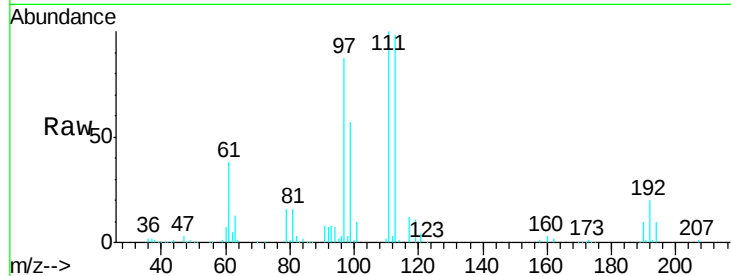
#35
 Dibromofluoromethane
 Concen: 47.481 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN059059.D
 Acq: 1 Nov 2019 13:21

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN110119

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	274722		
111	102.0	82.9	124.3	
192	19.9	15.9	23.9	

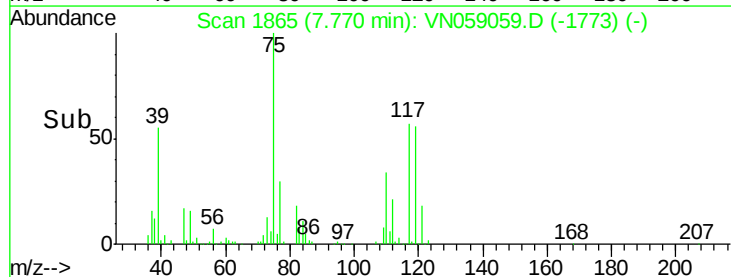
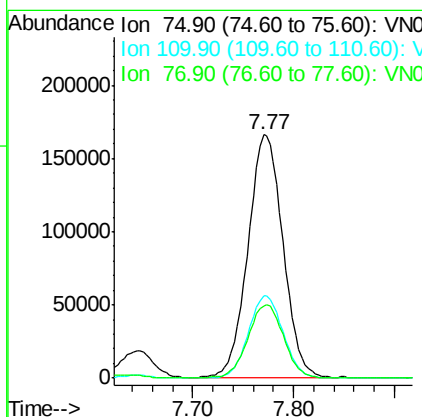
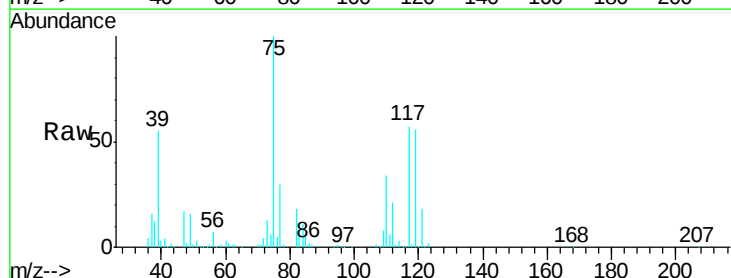
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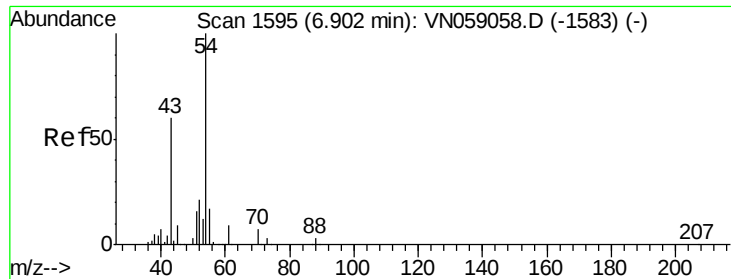
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#36
 1,1-Dichloropropene
 Concen: 44.787 ug/l
 RT: 7.77 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VN059059.D
 Acq: 1 Nov 2019 13:21

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	399229		
110	33.6	16.9	50.6	
77	31.0	25.0	37.4	





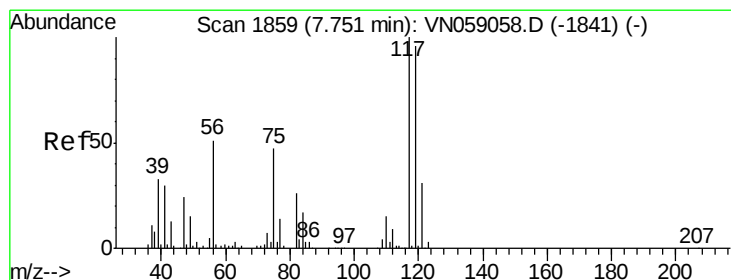
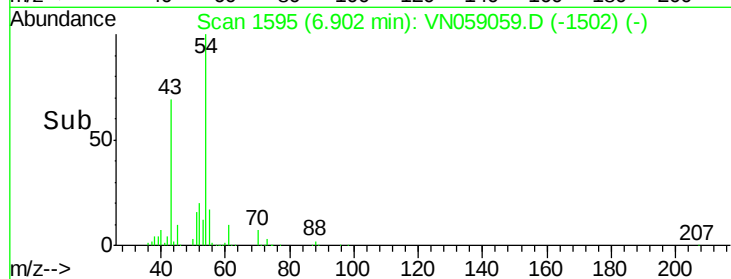
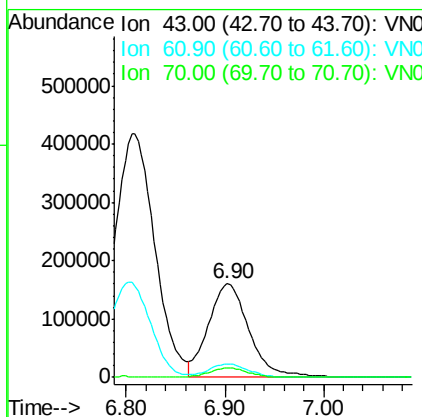
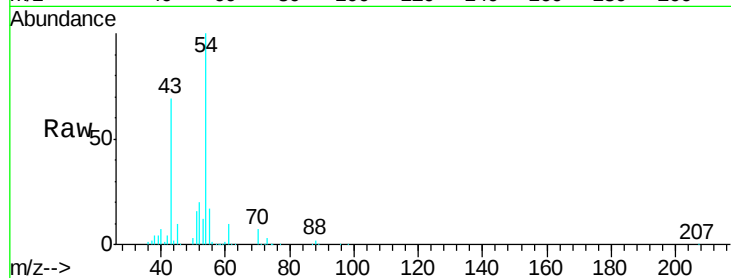
#37
 Ethyl Acetate
 Concen: 45.821 ug/l
 RT: 6.90 min Scan# 1595
 Delta R.T. 0.00 min
 Lab File: VN059059.D
 Acq: 1 Nov 2019 13:21

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN110119

Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.3	11.2	16.8
70	9.4	8.0	12.0

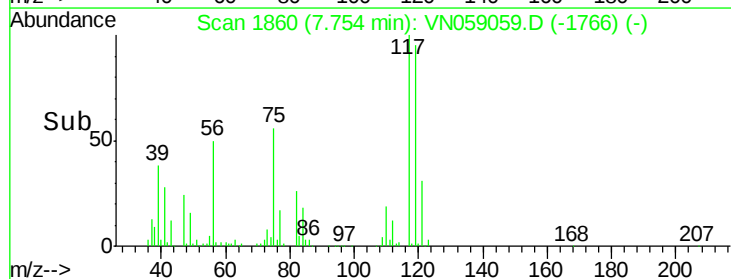
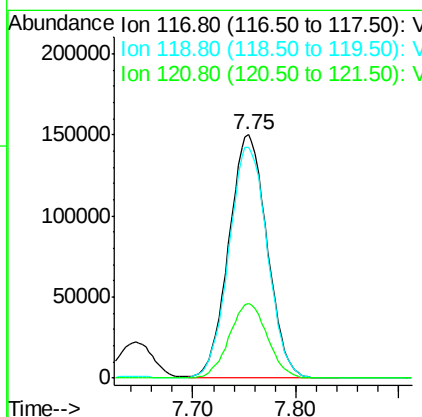
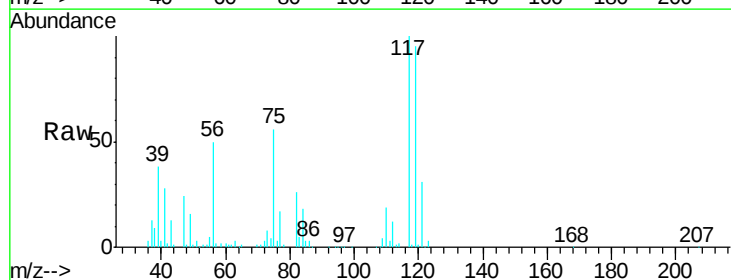
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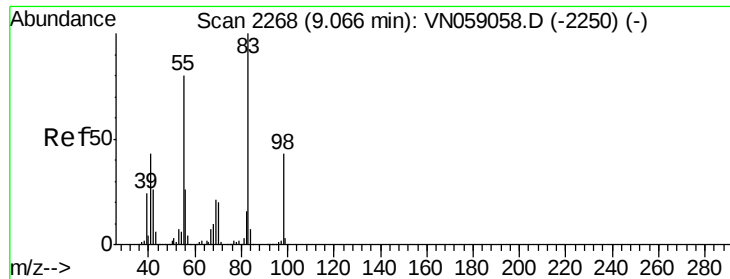
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#38
 Carbon Tetrachloride
 Concen: 44.607 ug/l
 RT: 7.75 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VN059059.D
 Acq: 1 Nov 2019 13:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.0	76.6	114.8
121	30.7	24.6	37.0





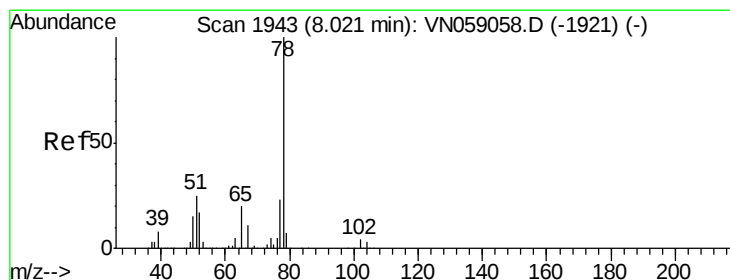
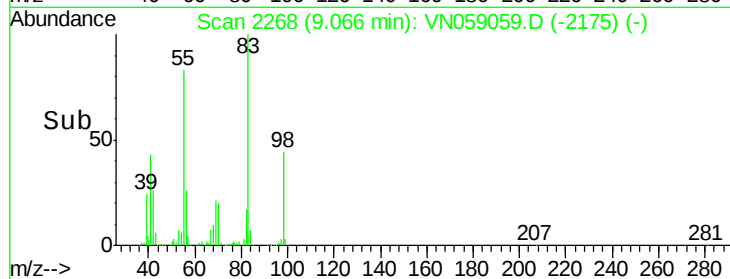
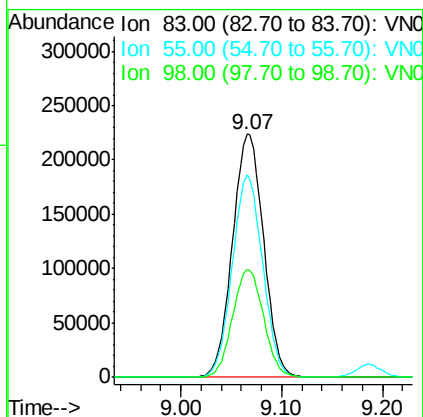
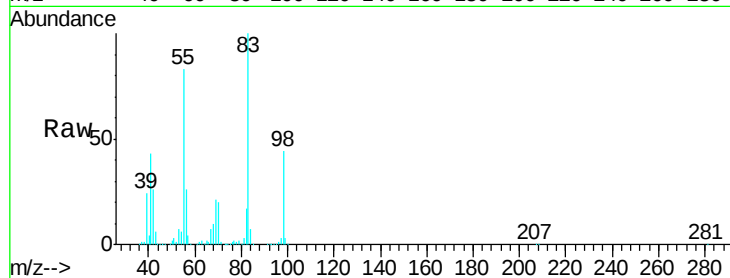
#39
Methylcyclohexane
Concen: 46.501 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. 0.00 min
Lab File: VN059059.D
Acq: 1 Nov 2019 13:21

Instrument :
MSVOA_N
ClientSampleId :
ICVVN110119

Tgt Ion	Ratio	Lower	Upper
83	100		
55	83.1	64.1	96.1
98	44.3	34.3	51.5

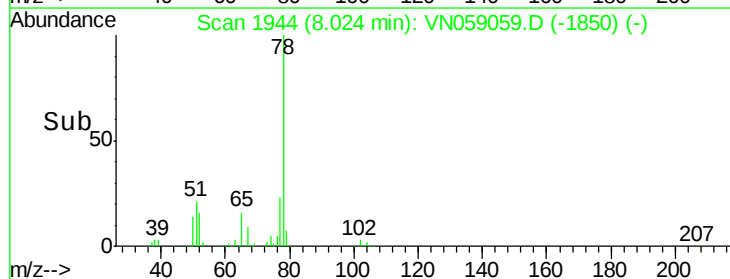
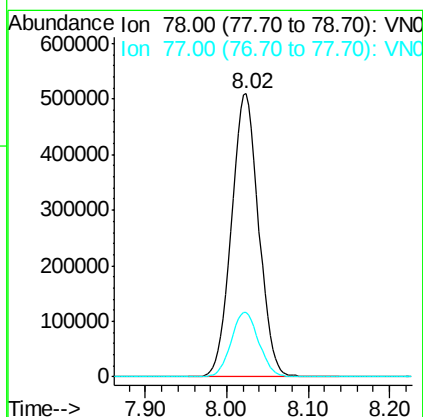
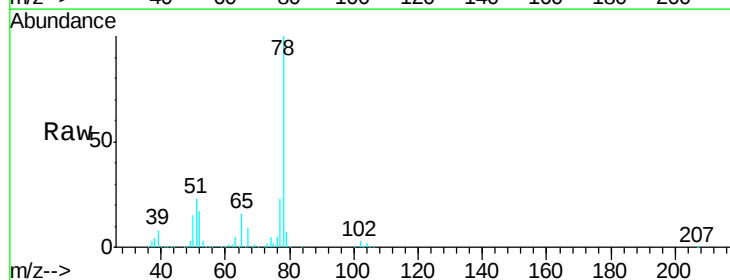
Manual Integrations
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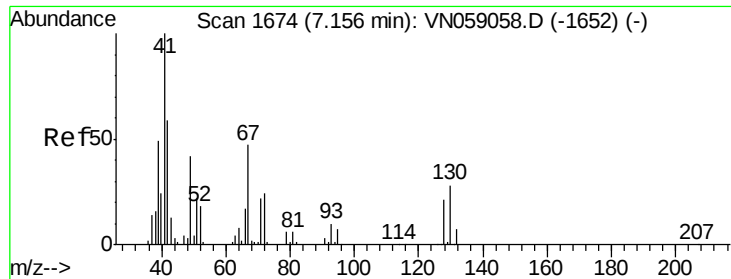
MMDadoda
11/5/2019 1:59:05 PM



#40
Benzene
Concen: 44.841 ug/l
RT: 8.02 min Scan# 1944
Delta R.T. 0.00 min
Lab File: VN059059.D
Acq: 1 Nov 2019 13:21

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.8	18.6	27.8





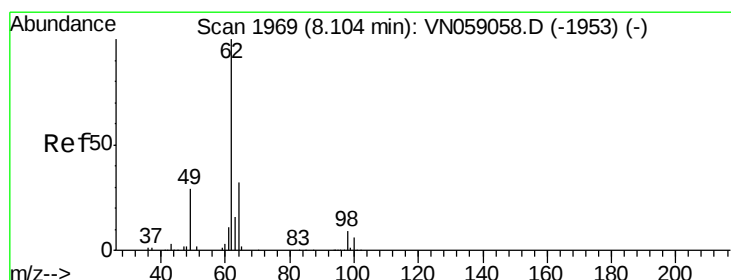
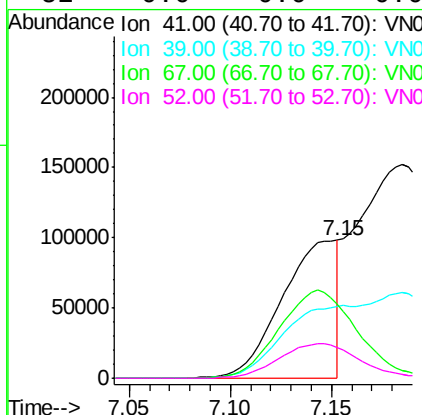
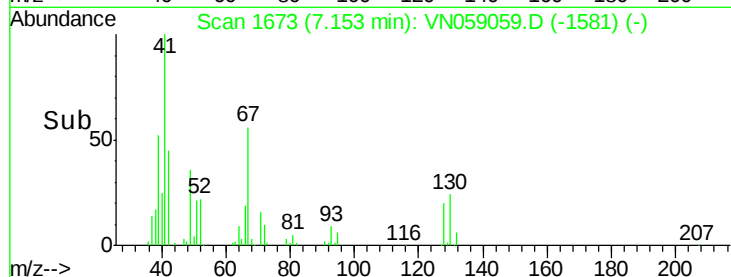
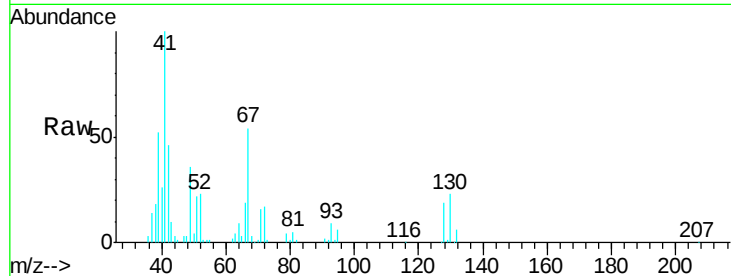
#41
Methacrylonitrile
Concen: 43.945 ug/l m
RT: 7.15 min Scan# 1673
Delta R.T. -0.00 min
Lab File: VN059059.D
Acq: 1 Nov 2019 13:21

Instrument :
MSVOA_N
ClientSampleId :
ICVVN110119

Tgt Ion	Ratio	Resp Lower	Resp Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

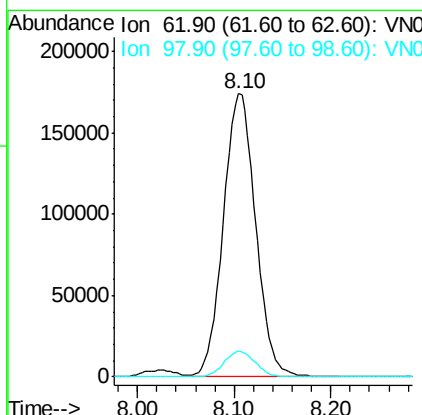
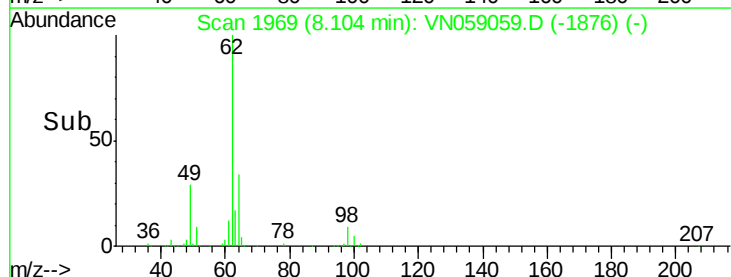
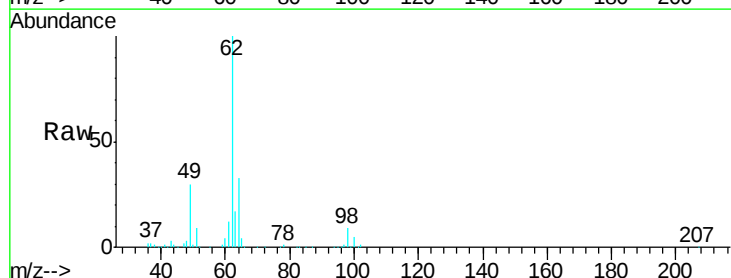
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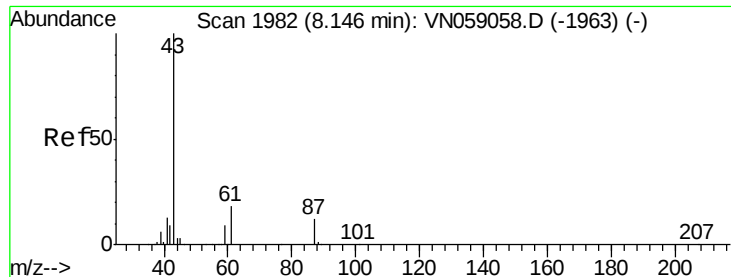
MMDadoda
11/5/2019 1:59:05 PM



#42
1,2-Dichloroethane
Concen: 43.823 ug/l
RT: 8.10 min Scan# 1969
Delta R.T. 0.00 min
Lab File: VN059059.D
Acq: 1 Nov 2019 13:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
62	100		
98	8.8	0.0	18.0





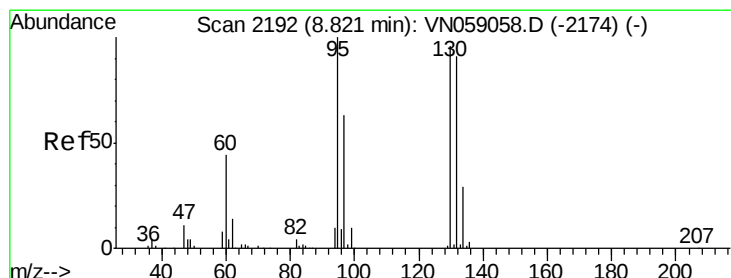
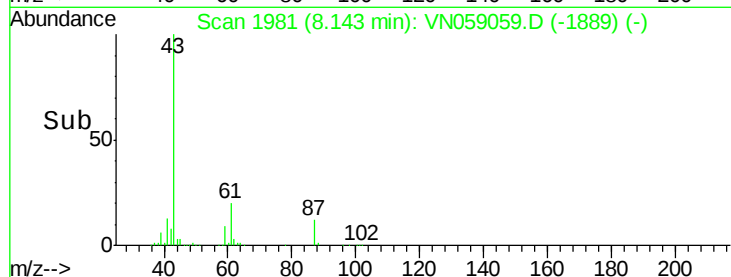
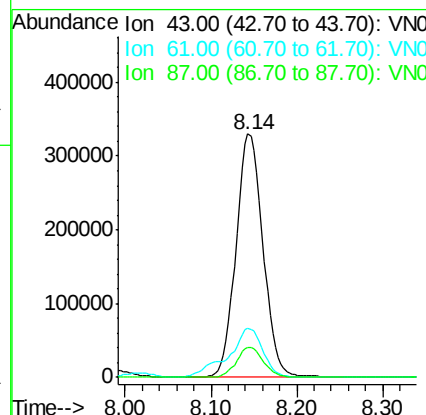
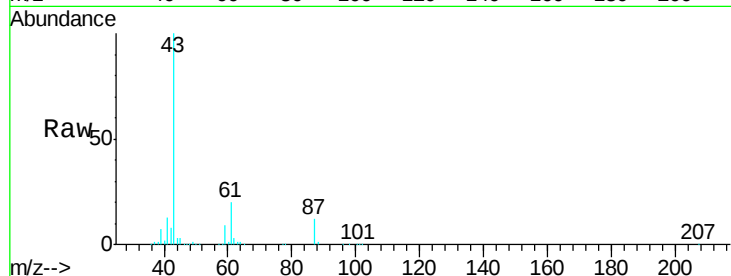
#43
Isopropyl Acetate
Concen: 46.246 ug/l
RT: 8.14 min Scan# 1981
Delta R.T. -0.00 min
Lab File: VN059059.D
Acq: 1 Nov 2019 13:21

Instrument :
MSVOA_N
ClientSampleId :
ICVVN110119

Tgt Ion	Ratio	Lower	Upper
43	100		
61	25.8	20.5	30.7
87	12.3	9.8	14.8

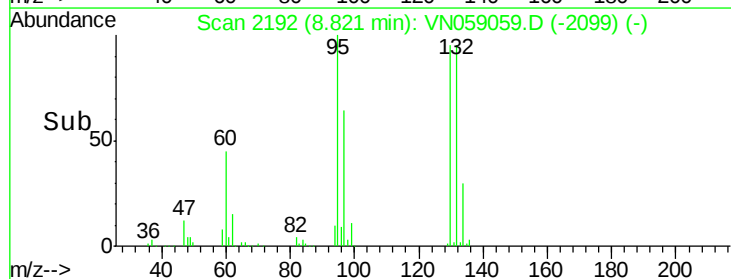
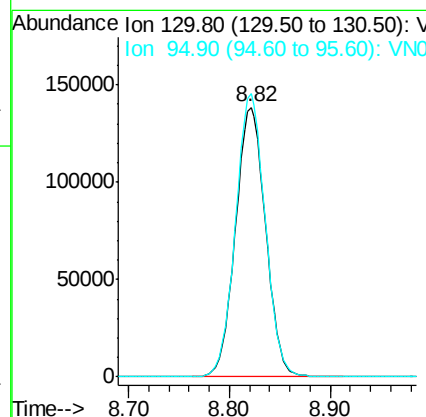
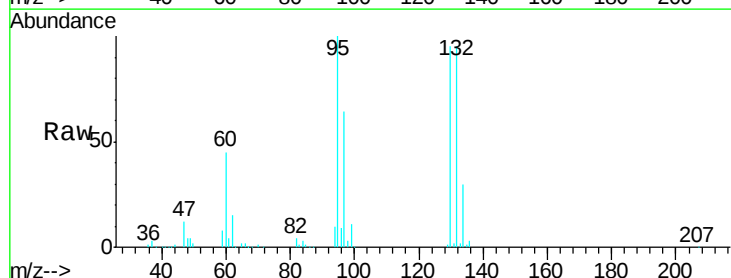
Manual Integrations
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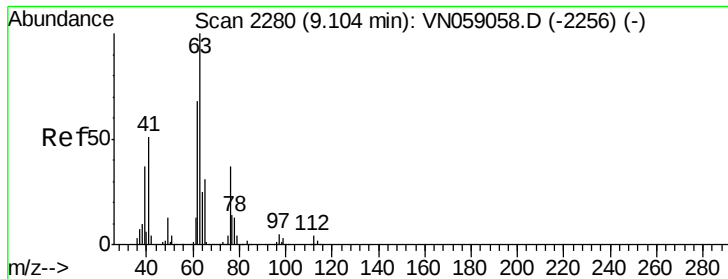
MMDadoda
11/5/2019 1:59:05 PM



#44
Trichloroethene
Concen: 44.150 ug/l
RT: 8.82 min Scan# 2192
Delta R.T. 0.00 min
Lab File: VN059059.D
Acq: 1 Nov 2019 13:21

Tgt Ion	Ratio	Lower	Upper
130	100		
95	104.9	0.0	207.6





#45

1,2-Dichloropropane

Concen: 44.757 ug/l

RT: 9.10 min Scan# 2280

Delta R.T. 0.00 min

Lab File: VN059059.D

Acq: 1 Nov 2019 13:21

Instrument :

MSVOA_N

ClientSampleId :

ICVFN110119

Tgt Ion: 63 Resp: 320206

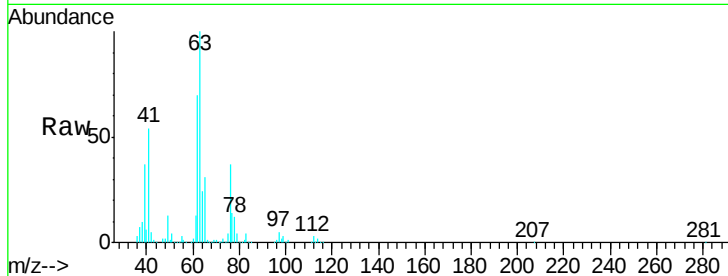
Ion Ratio Lower Upper

63 100

65 31.0 25.0 37.6

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Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

9.10

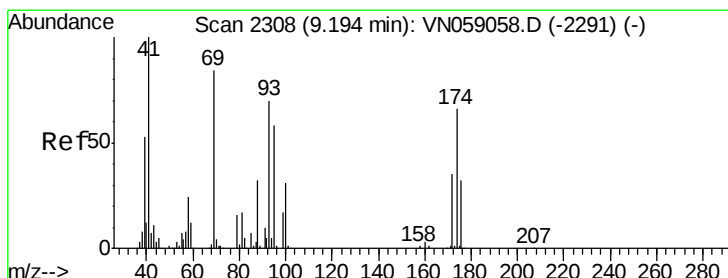
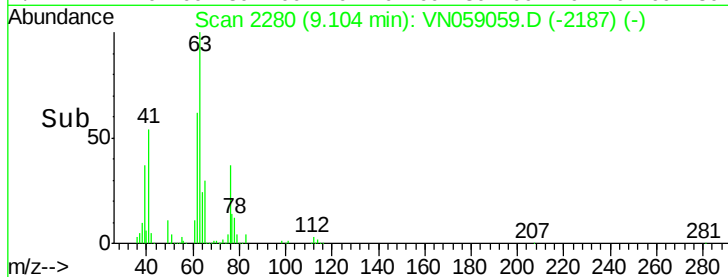
150000

100000

50000

0

Time-->



#46

Dibromomethane

Concen: 44.273 ug/l

RT: 9.19 min Scan# 2308

Delta R.T. 0.00 min

Lab File: VN059059.D

Acq: 1 Nov 2019 13:21

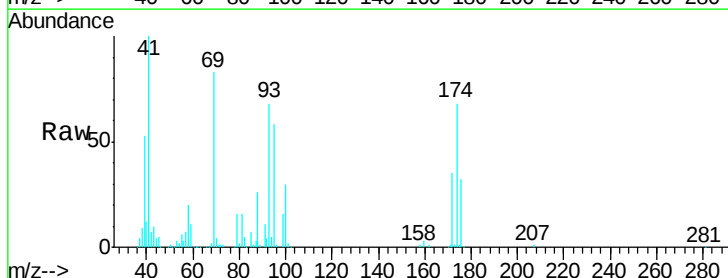
Tgt Ion: 93 Resp: 195761

Ion Ratio Lower Upper

93 100

95 84.0 67.2 100.8

174 98.2 78.3 117.5



Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

120000

100000

80000

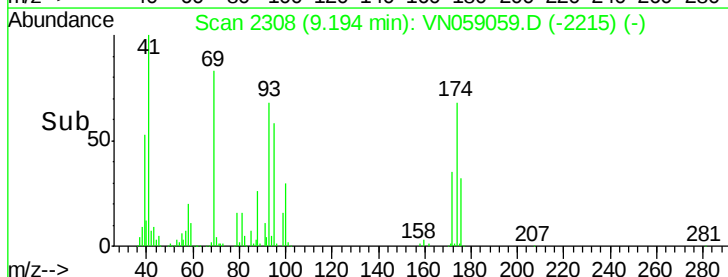
60000

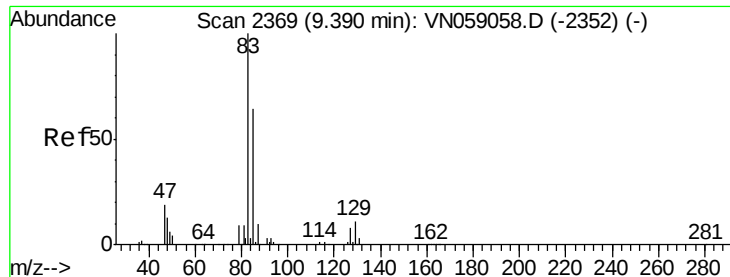
40000

20000

0

Time-->





#47

Bromodichloromethane

Concen: 45.035 ug/l

RT: 9.39 min Scan# 2369

Delta R.T. 0.00 min

Lab File: VN059059.D

Acq: 1 Nov 2019 13:21

Instrument :

MSVOA_N

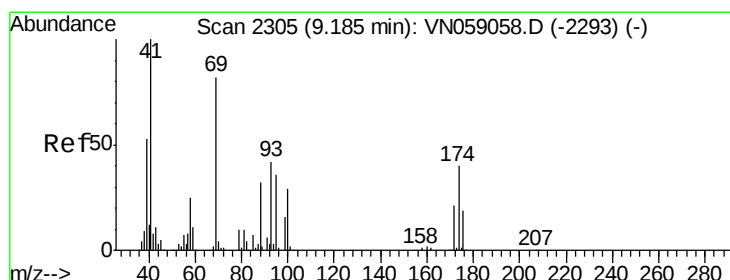
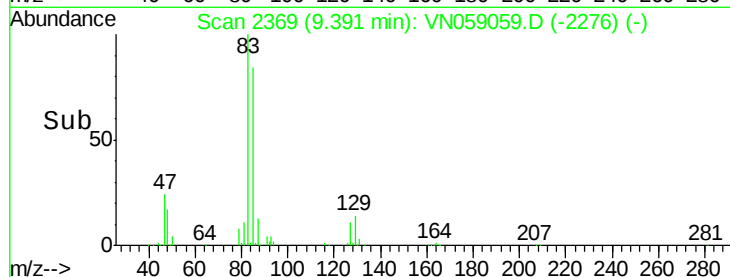
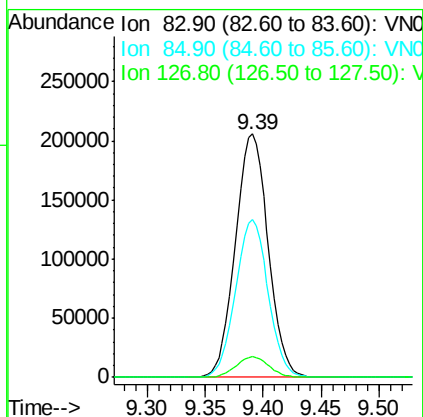
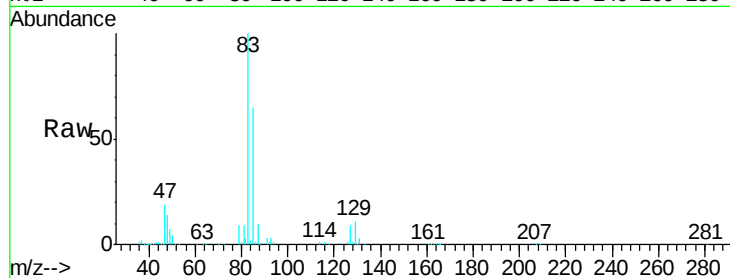
ClientSampleId :

ICVVN110119

Tgt Ion:	83	Resp:	403280
Ion	Ratio	Lower	Upper
83	100		
85	64.8	51.2	76.8
127	8.5	6.5	9.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 46.105 ug/l

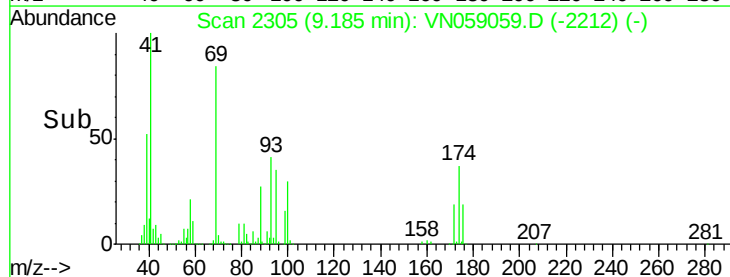
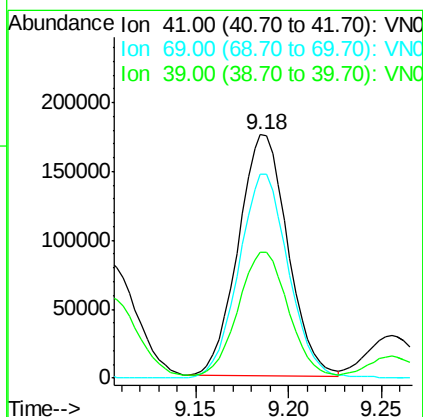
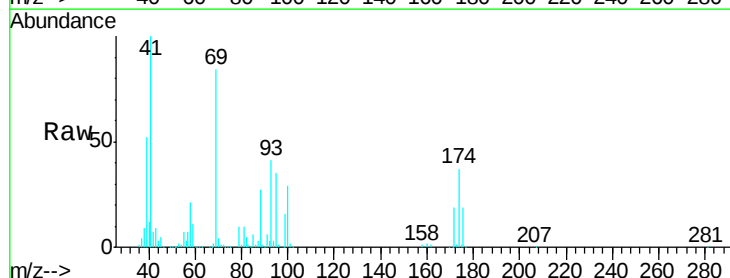
RT: 9.18 min Scan# 2305

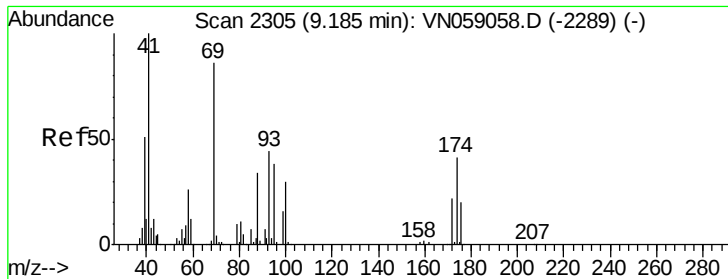
Delta R.T. 0.00 min

Lab File: VN059059.D

Acq: 1 Nov 2019 13:21

Tgt Ion:	41	Resp:	325593
Ion	Ratio	Lower	Upper
41	100		
69	85.6	67.1	100.7
39	53.4	43.3	64.9





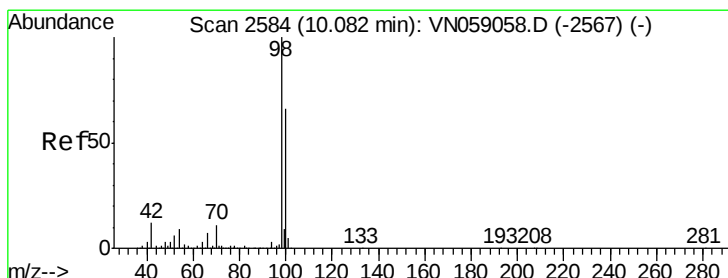
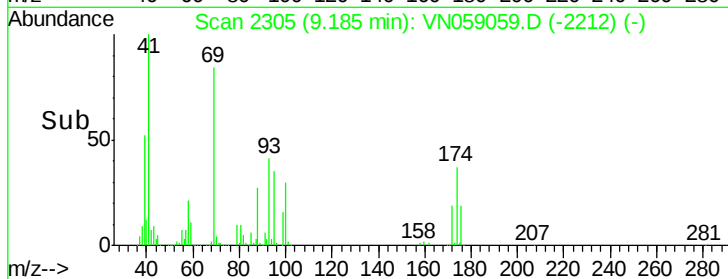
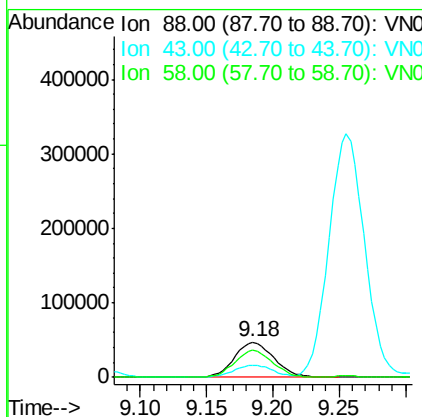
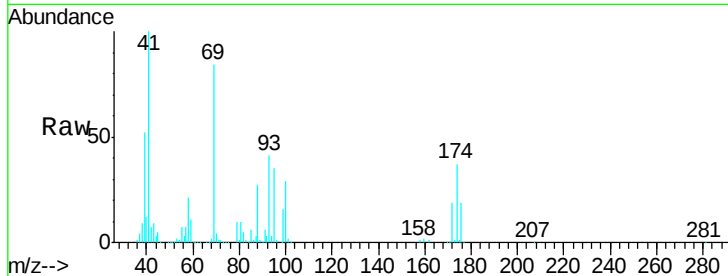
#49
1,4-Dioxane
Concen: 849.787 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. 0.00 min
Lab File: VN059059.D
Acq: 1 Nov 2019 13:21

Instrument :
MSVOA_N
ClientSampleId :
ICVVN110119

Tgt Ion	Ratio	Lower	Upper
88	100		
43	33.1	26.2	39.2
58	74.7	59.1	88.7

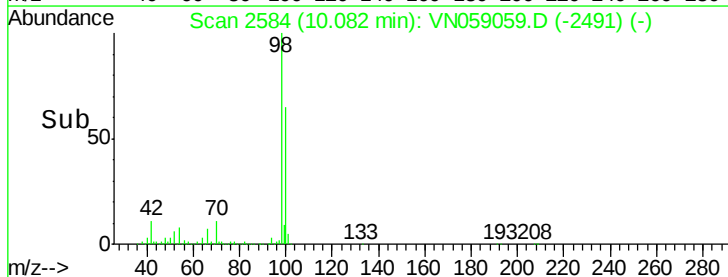
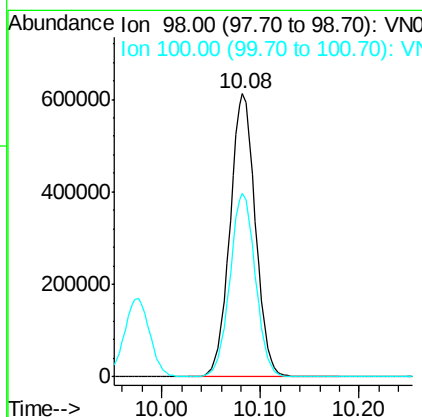
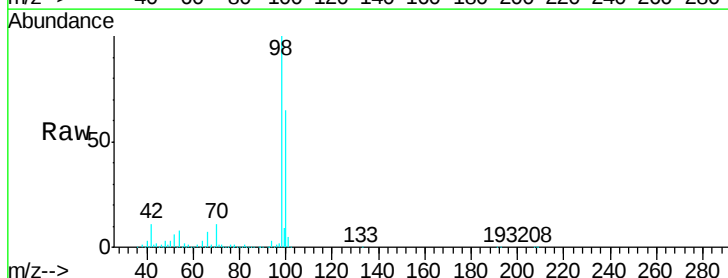
Manual Integrations
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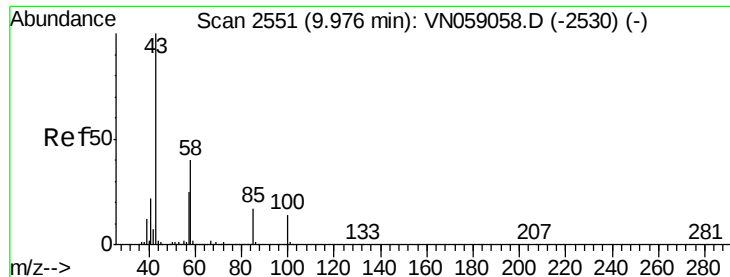
MMDadoda
11/5/2019 1:59:05 PM



#50
Toluene-d8
Concen: 48.764 ug/l
RT: 10.08 min Scan# 2584
Delta R.T. 0.00 min
Lab File: VN059059.D
Acq: 1 Nov 2019 13:21

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.1	51.7	77.5





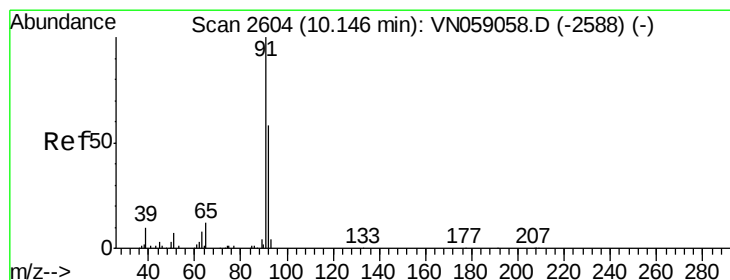
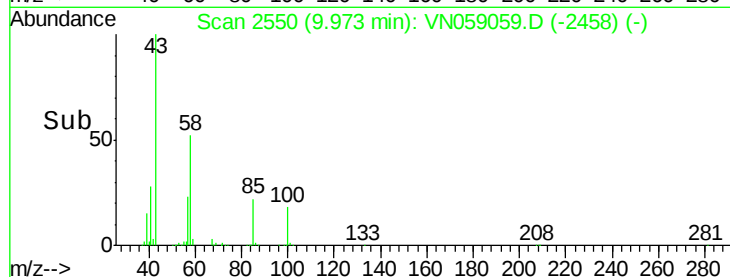
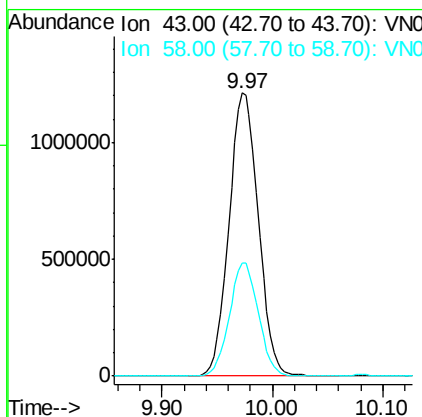
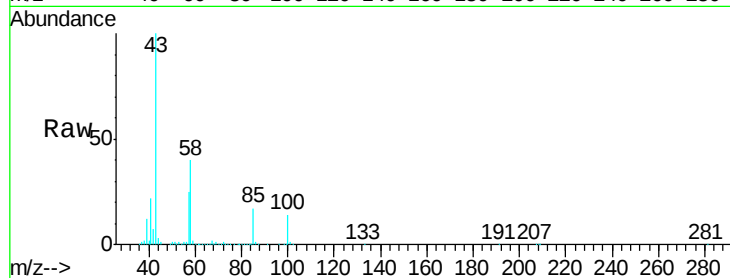
#51
4-Methyl-2-Pentanone
Concen: 248.131 ug/l
RT: 9.97 min Scan# 2550
Delta R.T. -0.00 min
Lab File: VN059059.D
Acq: 1 Nov 2019 13:21

Instrument :
MSVOA_N
ClientSampleId :
ICVVN110119

Tgt Ion: 43 Resp: 2232540
Ion Ratio Lower Upper
43 100
58 39.4 31.8 47.6

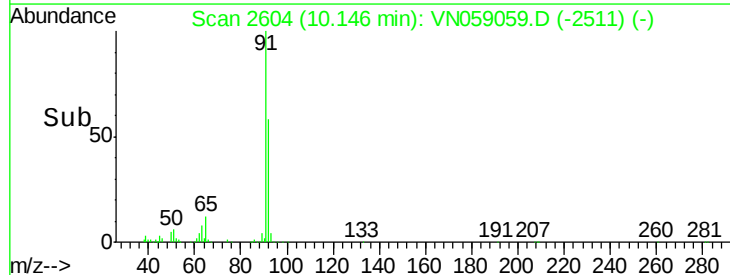
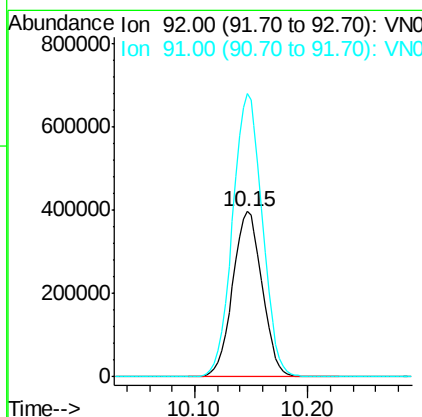
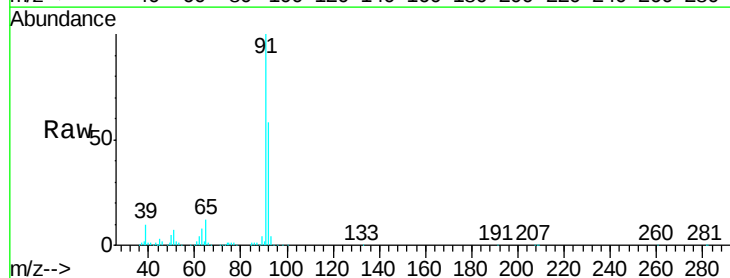
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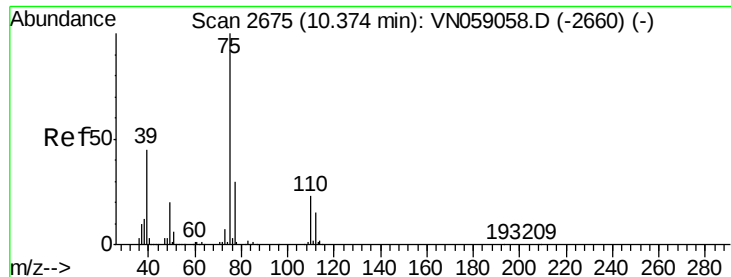
MMDadoda
11/5/2019 1:59:05 PM



#52
Toluene
Concen: 46.497 ug/l
RT: 10.15 min Scan# 2604
Delta R.T. 0.00 min
Lab File: VN059059.D
Acq: 1 Nov 2019 13:21

Tgt Ion: 92 Resp: 720711
Ion Ratio Lower Upper
92 100
91 172.8 138.7 208.1





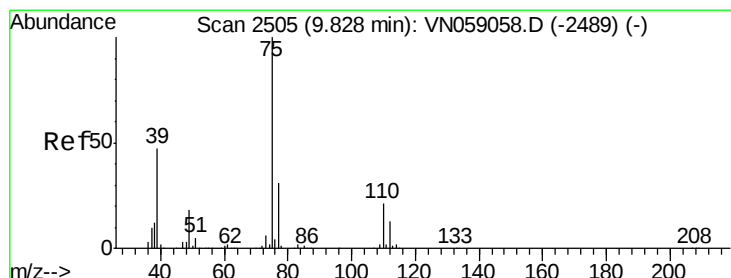
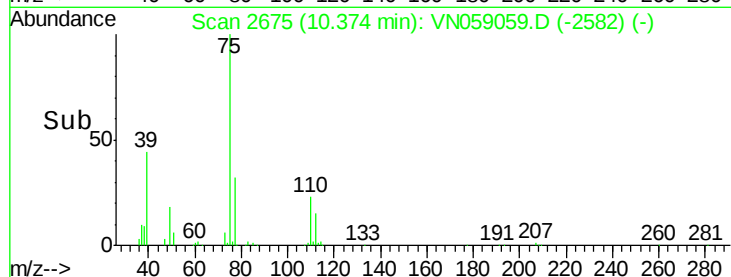
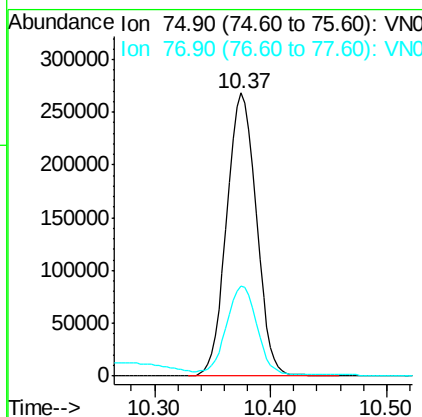
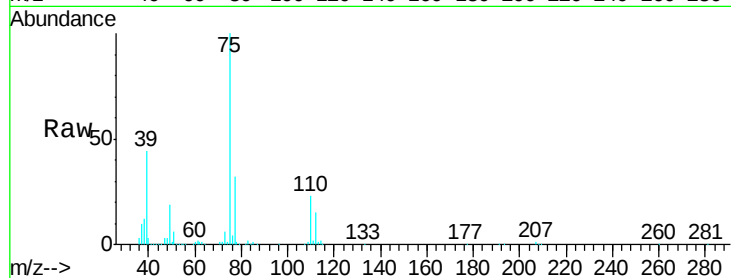
#53
t-1,3-Dichloropropene
Concen: 45.680 ug/l
RT: 10.37 min Scan# 2675
Delta R.T. 0.00 min
Lab File: VN059059.D
Acq: 1 Nov 2019 13:21

Instrument :
MSVOA_N
ClientSampleId :
ICVVN110119

Tgt Ion: 75 Resp: 473001
Ion Ratio Lower Upper
75 100
77 31.5 25.6 38.4

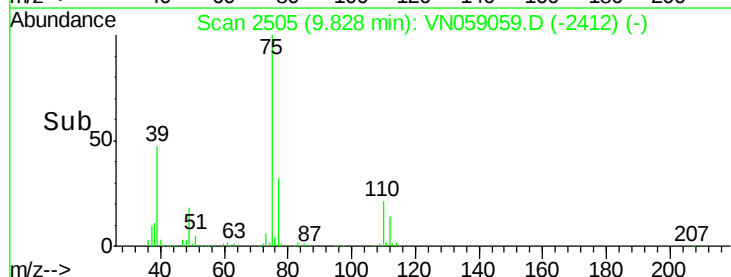
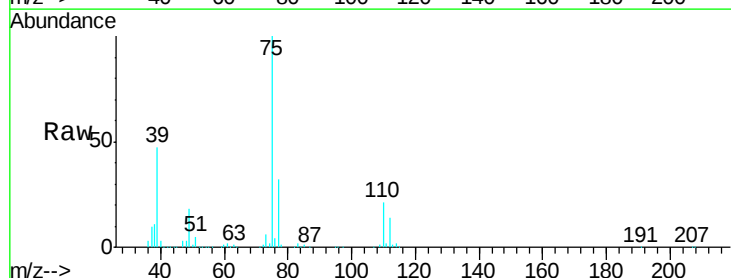
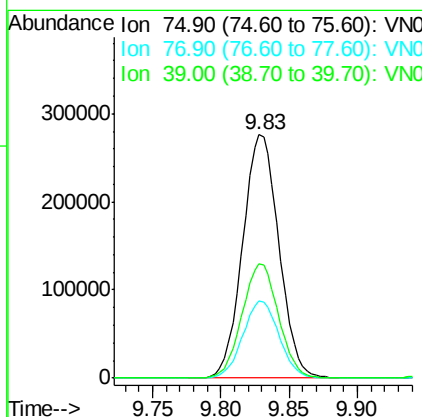
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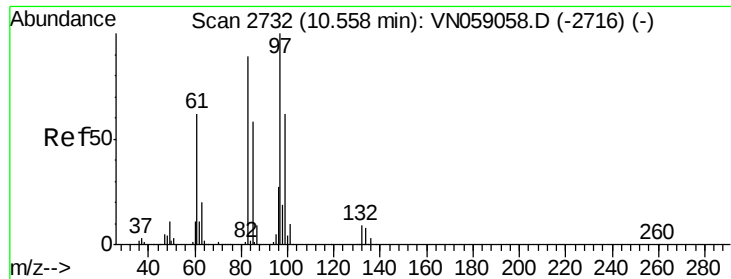
MMDadoda
11/5/2019 1:59:05 PM



#54
cis-1,3-Dichloropropene
Concen: 46.614 ug/l
RT: 9.83 min Scan# 2505
Delta R.T. 0.00 min
Lab File: VN059059.D
Acq: 1 Nov 2019 13:21

Tgt Ion: 75 Resp: 509115
Ion Ratio Lower Upper
75 100
77 31.6 24.6 37.0
39 46.8 37.4 56.2





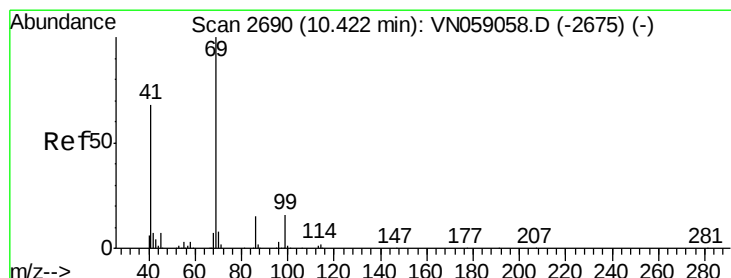
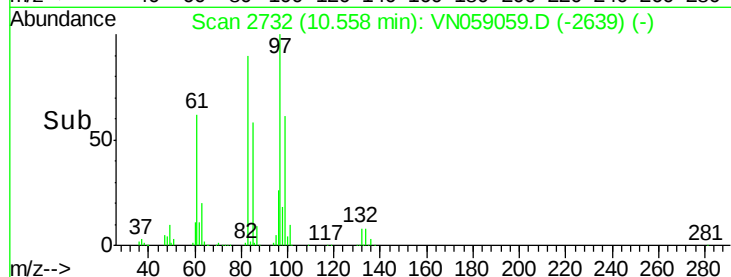
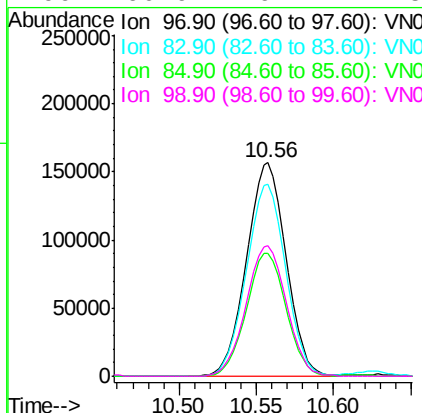
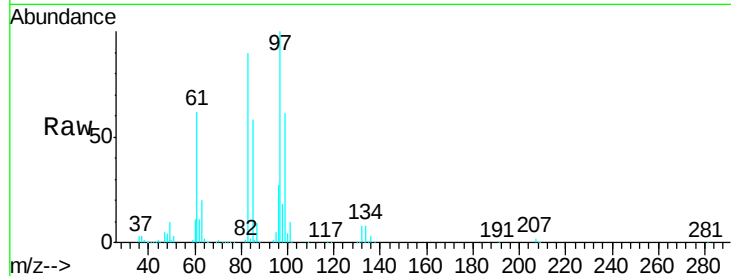
#55
 1,1,2-Trichloroethane
 Concen: 44.227 ug/l
 RT: 10.56 min Scan# 2732
 Delta R.T. 0.00 min
 Lab File: VN059059.D
 Acq: 1 Nov 2019 13:21

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN110119

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	279255		
83	89.8	71.4	107.2	
85	57.6	46.6	70.0	
99	60.9	49.7	74.5	

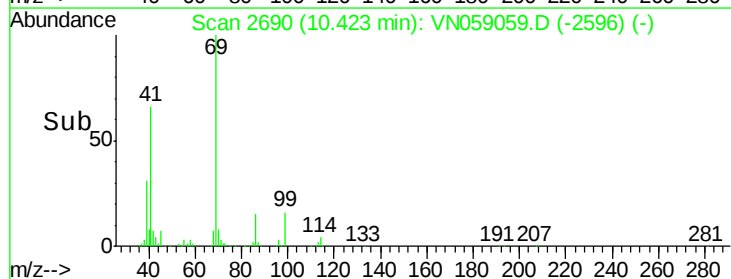
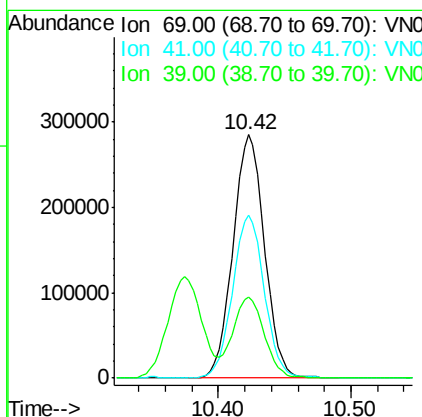
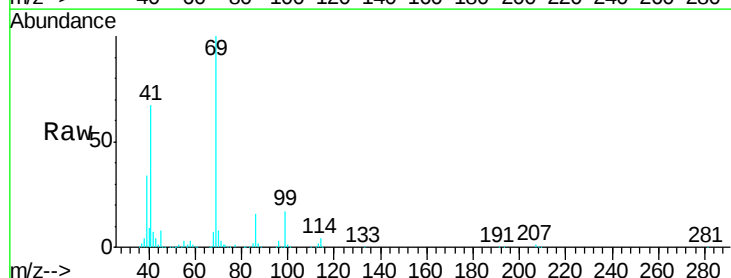
Manual Integrations
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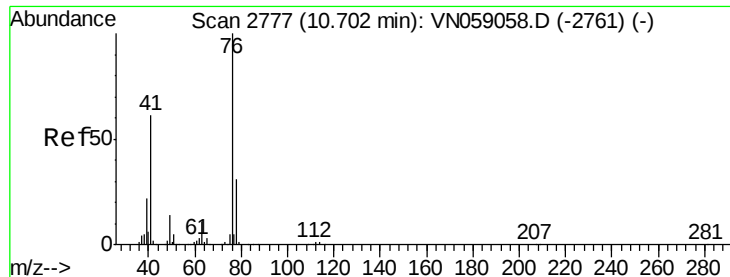
MMDadoda
 11/5/2019 1:59:05 PM



#56
 Ethyl methacrylate
 Concen: 44.221 ug/l
 RT: 10.42 min Scan# 2690
 Delta R.T. 0.00 min
 Lab File: VN059059.D
 Acq: 1 Nov 2019 13:21

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	471303		
41	66.7	53.8	80.8	
39	33.2	26.2	39.2	





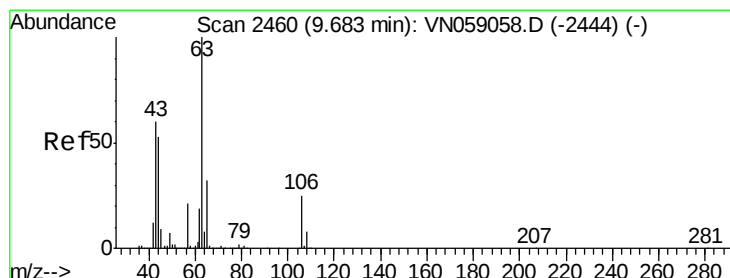
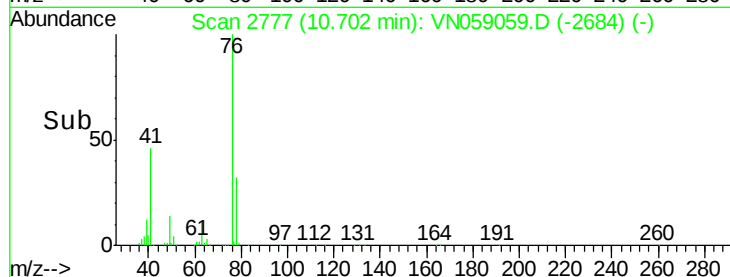
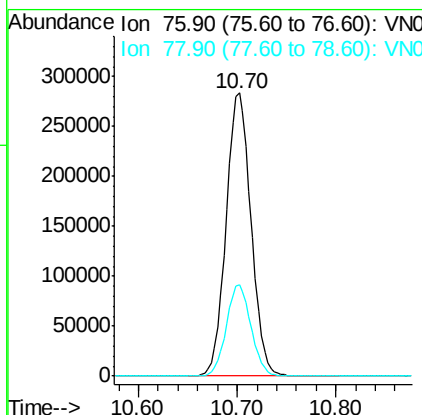
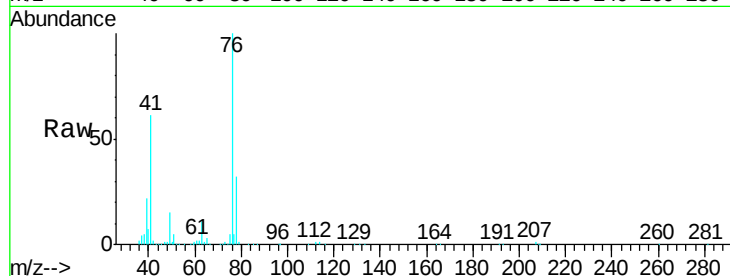
#57
 1,3-Dichloropropane
 Concen: 45.487 ug/l
 RT: 10.70 min Scan# 2777
 Delta R.T. 0.00 min
 Lab File: VN059059.D
 Acq: 1 Nov 2019 13:21

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN110119

Tgt Ion: 76 Resp: 499497
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.8 38.6

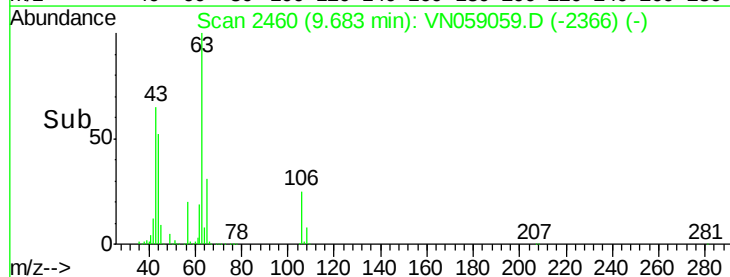
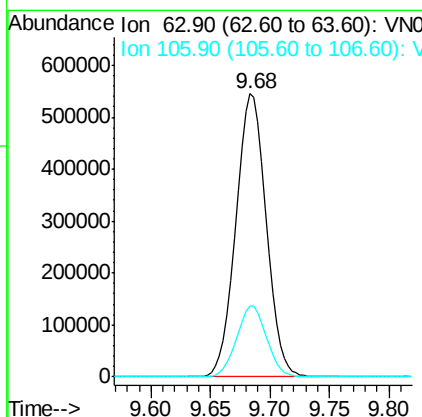
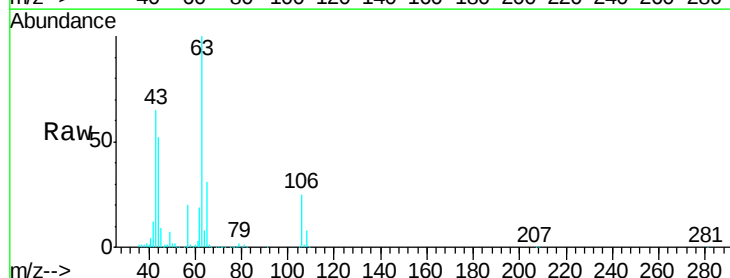
Manual Integrations
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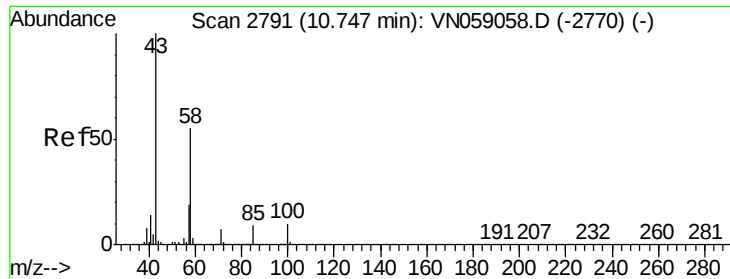
MMDadoda
 11/5/2019 1:59:05 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 233.018 ug/l
 RT: 9.68 min Scan# 2460
 Delta R.T. 0.00 min
 Lab File: VN059059.D
 Acq: 1 Nov 2019 13:21

Tgt Ion: 63 Resp: 964915
 Ion Ratio Lower Upper
 63 100
 106 24.8 19.8 29.6





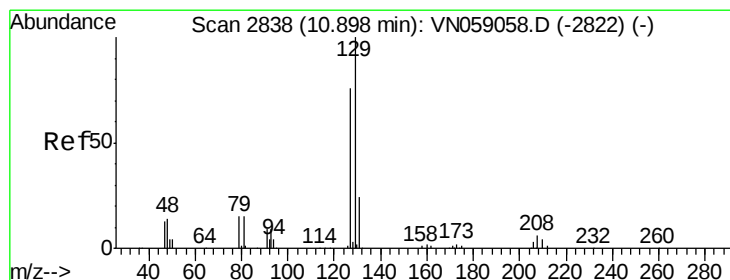
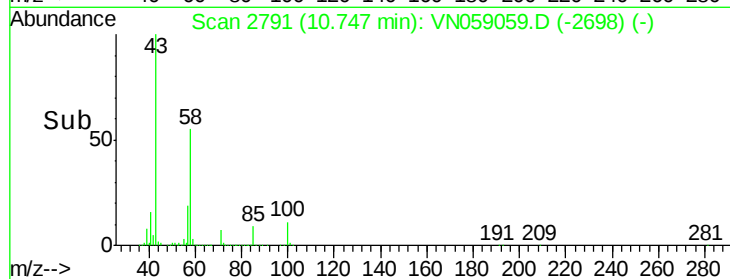
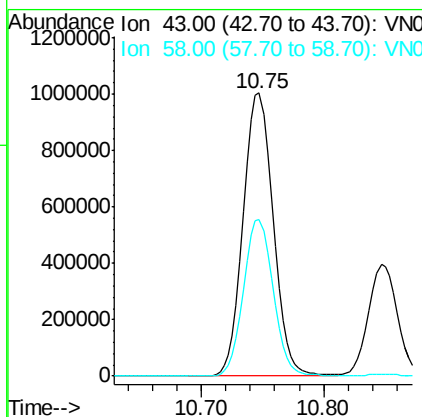
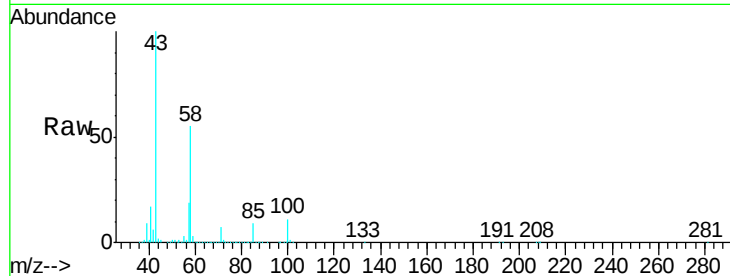
#59
2-Hexanone
Concen: 249.887 ug/l
RT: 10.75 min Scan# 2791
Delta R.T. 0.00 min
Lab File: VN059059.D
Acq: 1 Nov 2019 13:21

Instrument :
MSVOA_N
ClientSampleId :
ICVVN110119

Tgt Ion: 43 Resp: 1708058
Ion Ratio Lower Upper
43 100
58 54.6 27.4 82.2

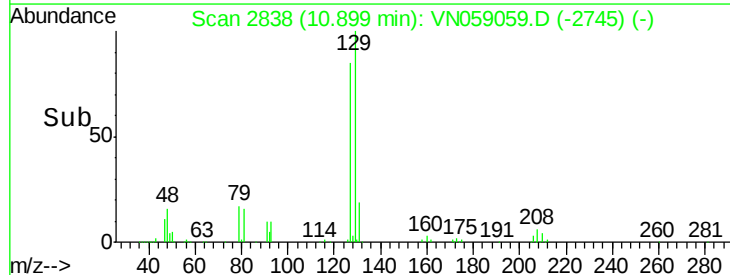
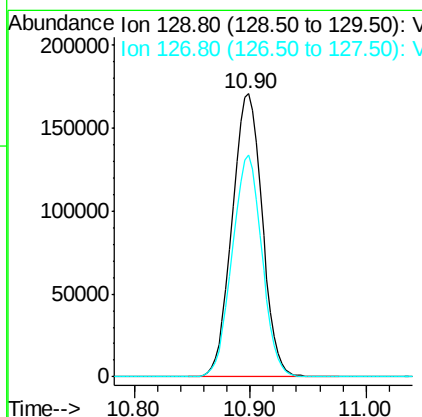
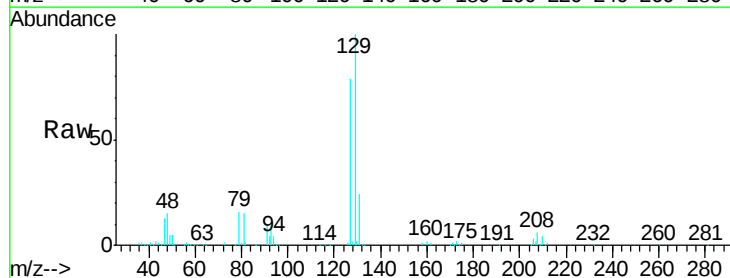
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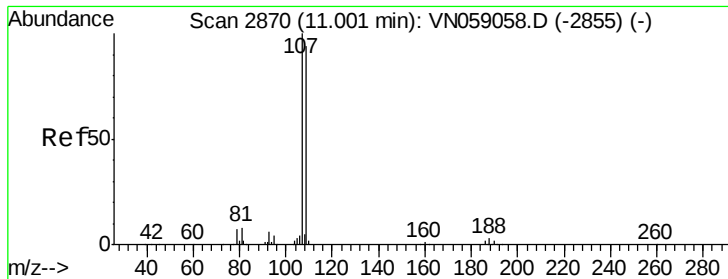
MMDadoda
11/5/2019 1:59:05 PM



#60
Dibromochloromethane
Concen: 45.048 ug/l
RT: 10.90 min Scan# 2838
Delta R.T. 0.00 min
Lab File: VN059059.D
Acq: 1 Nov 2019 13:21

Tgt Ion: 129 Resp: 306536
Ion Ratio Lower Upper
129 100
127 77.5 38.3 114.8





#61

1,2-Dibromoethane

Concen: 46.257 ug/l

RT: 11.00 min Scan# 2870

Delta R.T. 0.00 min

Lab File: VN059059.D

Acq: 1 Nov 2019 13:21

Instrument :

MSVOA_N

ClientSampleId :

ICVVN110119

Tgt Ion: 107 Resp: 295888

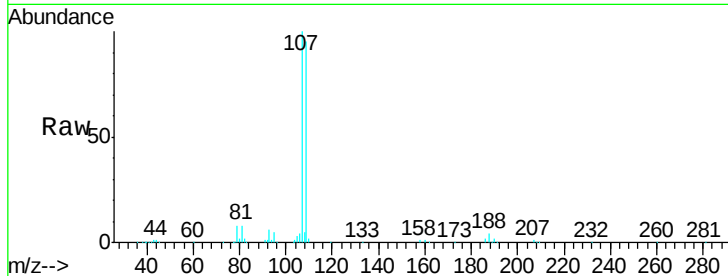
Ion Ratio Lower Upper

107 100

109 93.2 75.5 113.3

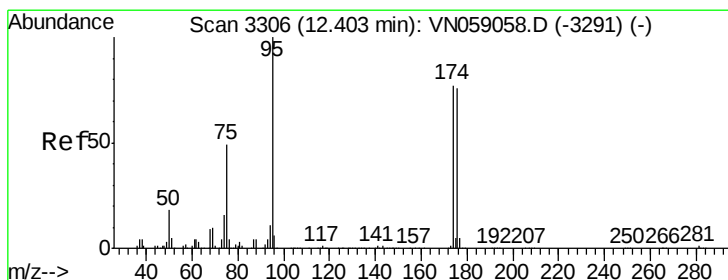
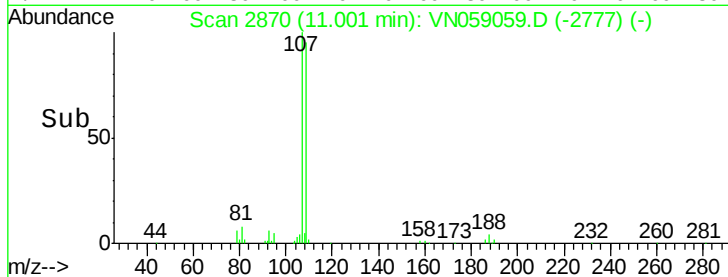
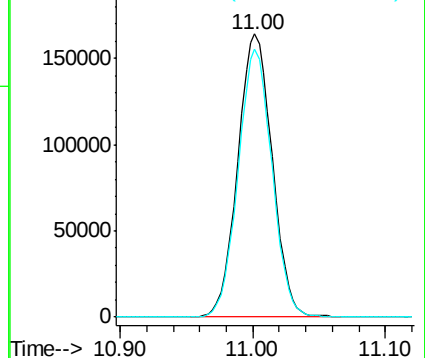
Manual Integrations
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.189 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN059059.D

Acq: 1 Nov 2019 13:21

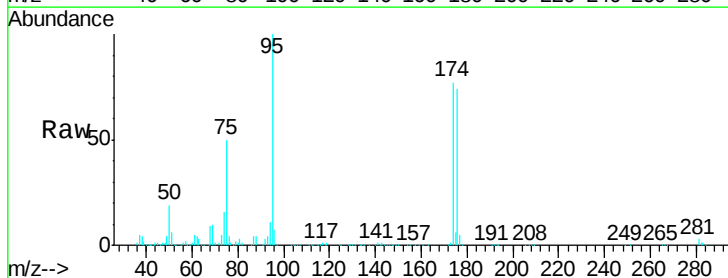
Tgt Ion: 95 Resp: 398309

Ion Ratio Lower Upper

95 100

174 77.7 0.0 155.8

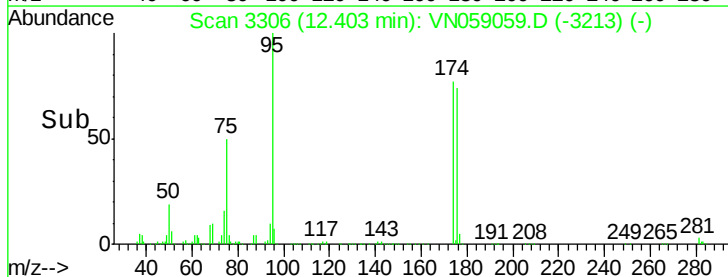
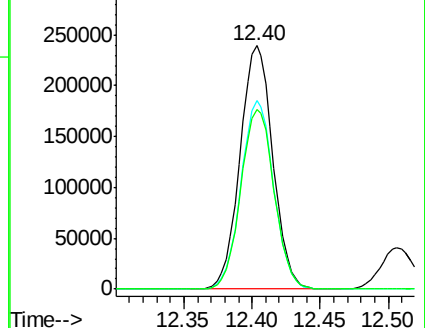
176 75.2 0.0 151.6

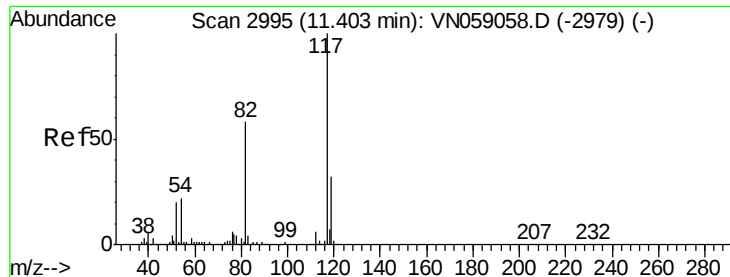


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





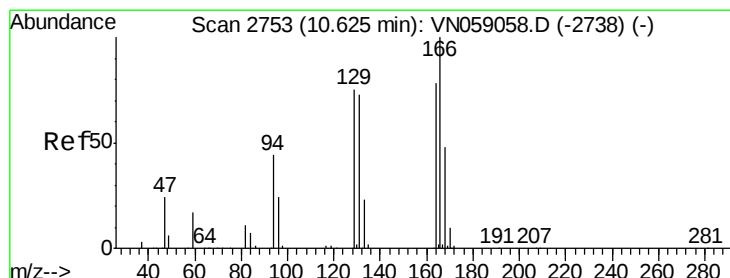
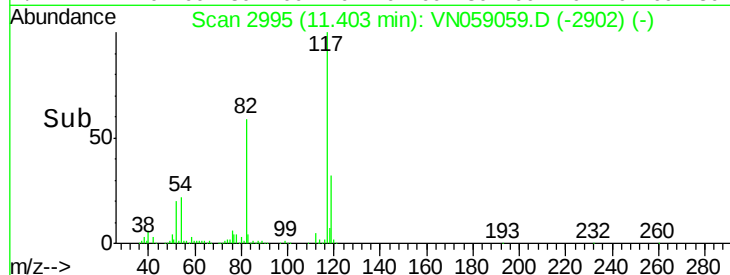
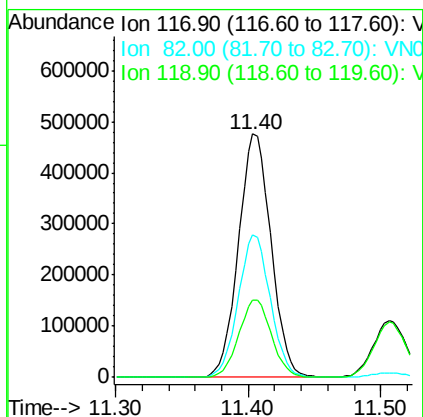
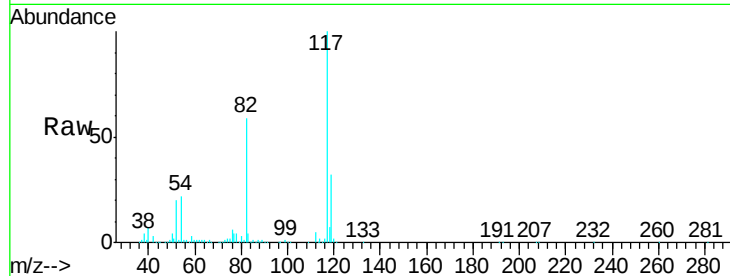
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. 0.00 min
Lab File: VN059059.D
Acq: 1 Nov 2019 13:21

Instrument :
MSVOA_N
ClientSampleId :
ICVVN110119

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	813229		
82	58.7	46.0	69.0	
119	31.6	25.6	38.4	

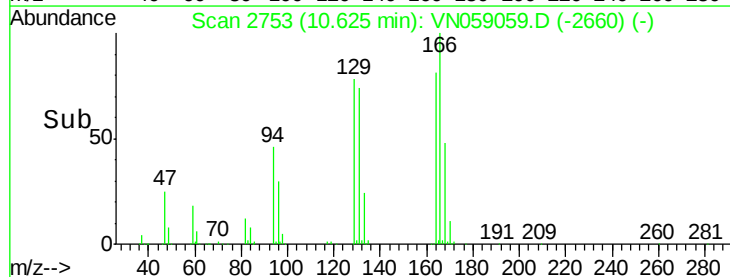
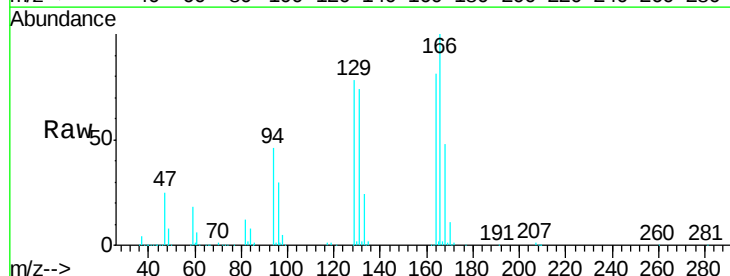
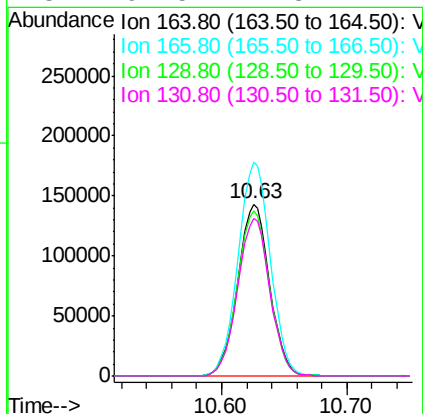
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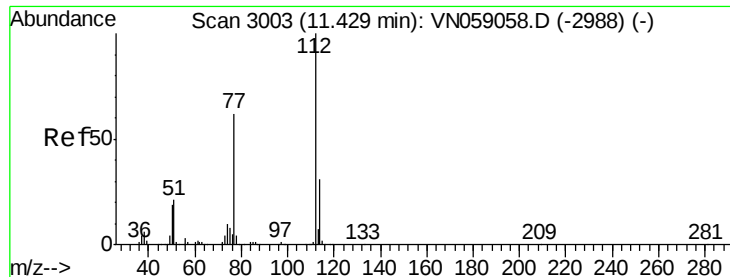
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#64
Tetrachloroethene
Concen: 44.475 ug/l
RT: 10.63 min Scan# 2753
Delta R.T. 0.00 min
Lab File: VN059059.D
Acq: 1 Nov 2019 13:21

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	252655		
166	124.2	102.7	154.1	
129	96.3	77.3	115.9	
131	91.5	74.8	112.2	





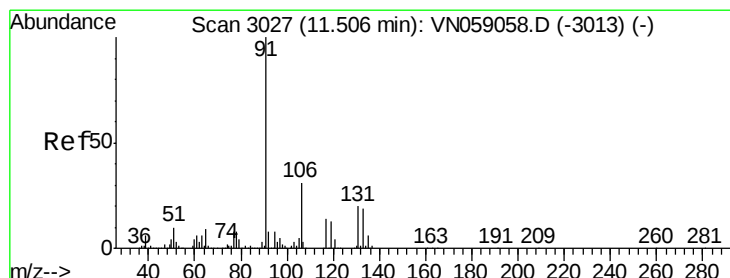
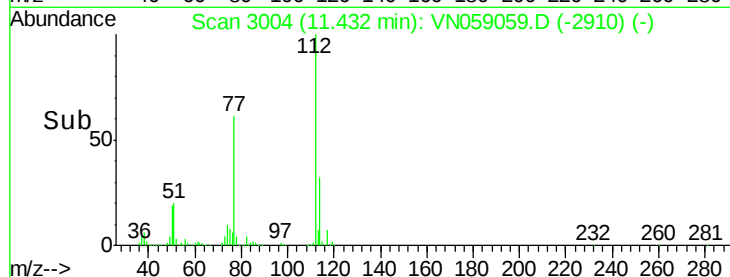
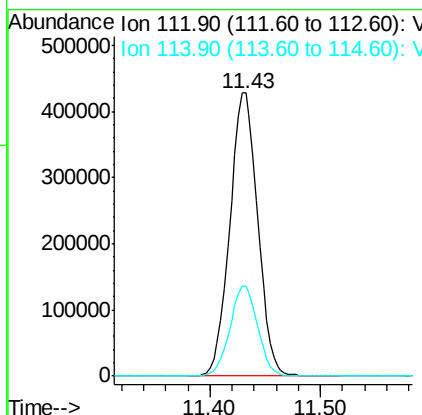
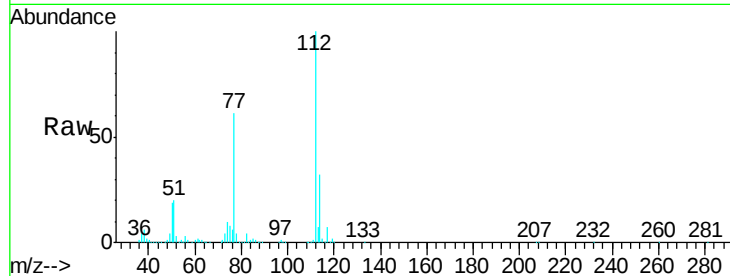
#65
Chlorobenzene
Concen: 44.895 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN059059.D
Acq: 1 Nov 2019 13:21

Instrument :
MSVOA_N
ClientSampleId :
ICVVN110119

Tgt Ion:112 Resp: 749330
Ion Ratio Lower Upper
112 100
114 32.0 25.0 37.6

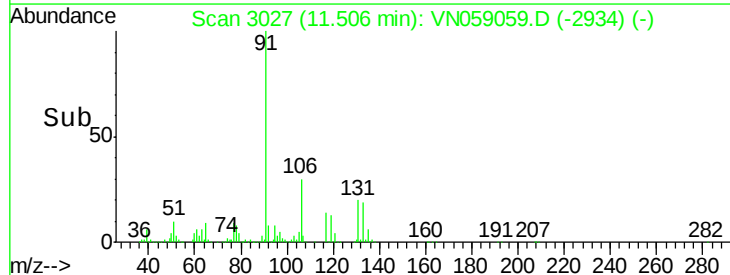
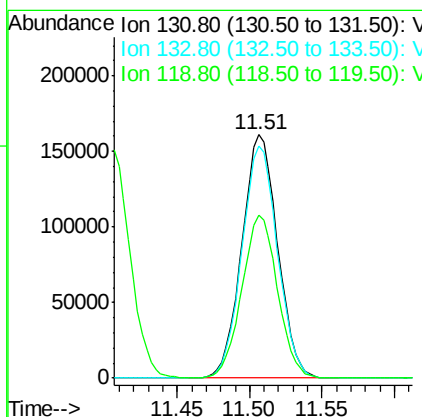
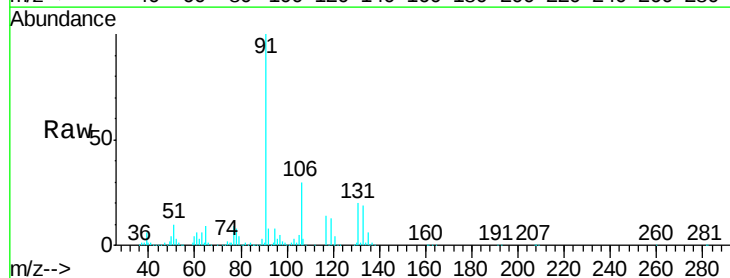
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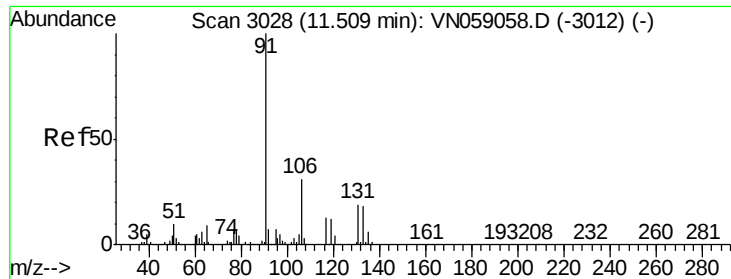
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 45.021 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN059059.D
Acq: 1 Nov 2019 13:21

Tgt Ion:131 Resp: 276463
Ion Ratio Lower Upper
131 100
133 95.7 47.9 143.6
119 66.9 33.5 100.5





#67

Ethyl Benzene

Concen: 48.005 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN059059.D

Acq: 1 Nov 2019 13:21

Instrument :

MSVOA_N

ClientSampleId :

ICVVN110119

Tgt Ion: 91 Resp: 1387036

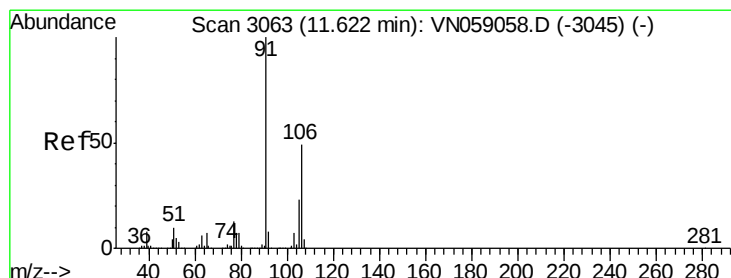
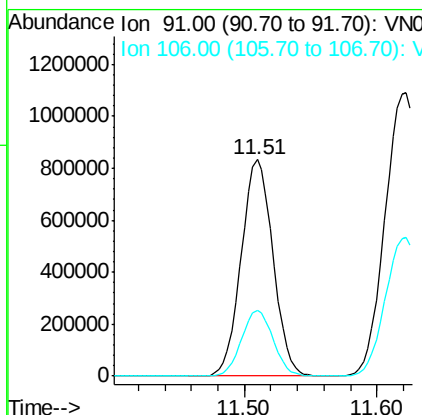
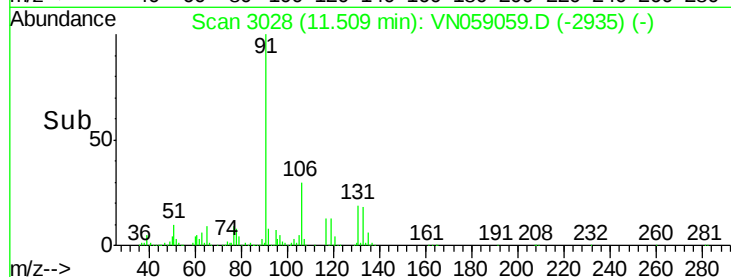
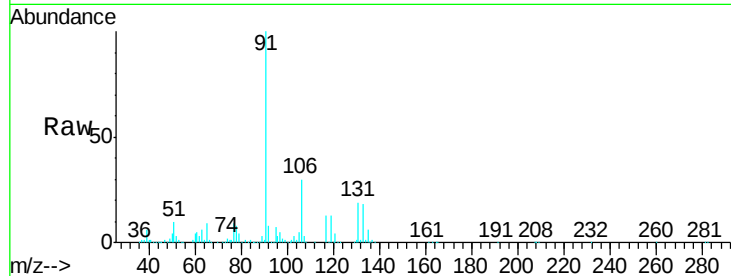
Ion Ratio Lower Upper

91 100

106 30.4 24.6 36.8

Manual Integrations
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#68

m/p-Xylenes

Concen: 95.248 ug/l

RT: 11.62 min Scan# 3063

Delta R.T. 0.00 min

Lab File: VN059059.D

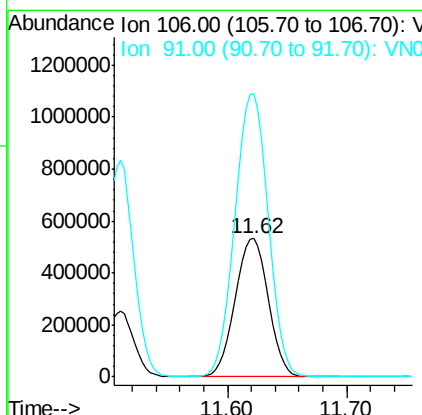
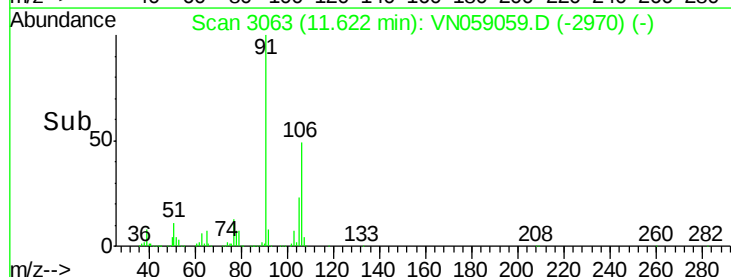
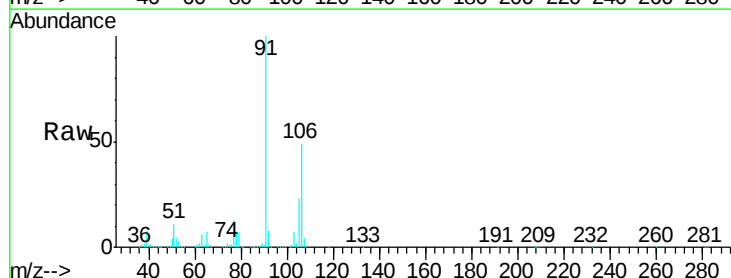
Acq: 1 Nov 2019 13:21

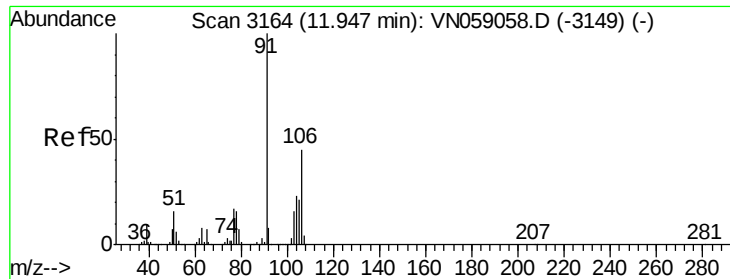
Tgt Ion: 106 Resp: 1027647

Ion Ratio Lower Upper

106 100

91 205.9 165.7 248.5





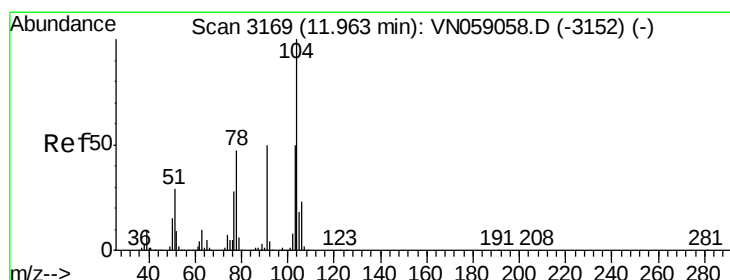
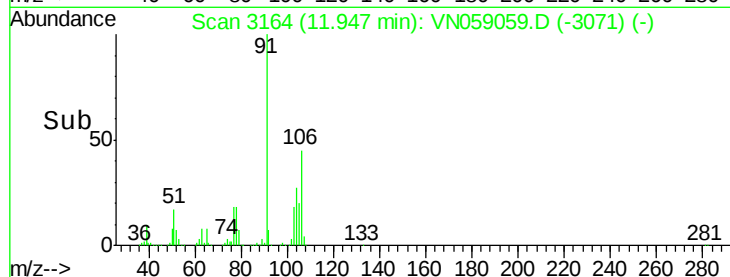
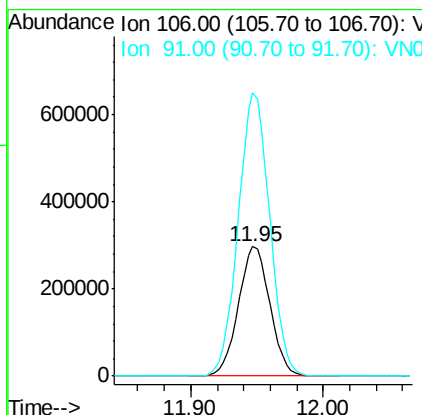
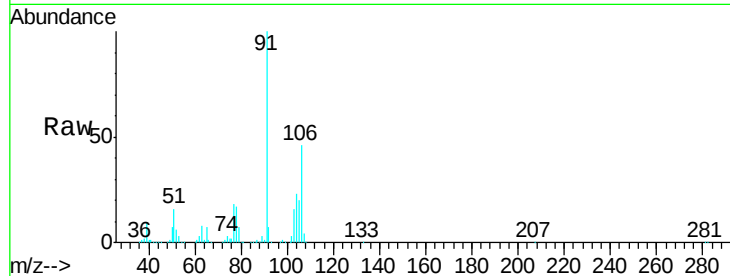
#69
o-Xylene
Concen: 47.435 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN059059.D
Acq: 1 Nov 2019 13:21

Instrument :
MSVOA_N
ClientSampleId :
ICVVN110119

Tgt Ion:106 Resp: 488700
Ion Ratio Lower Upper
106 100
91 219.2 110.4 331.2

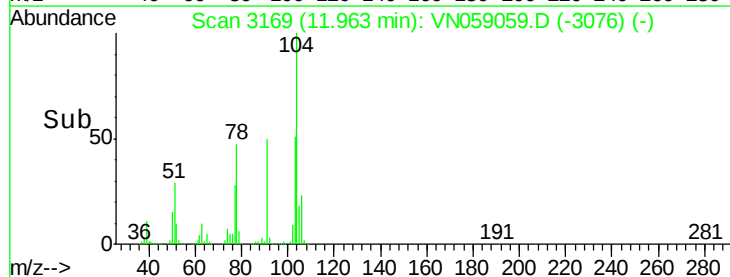
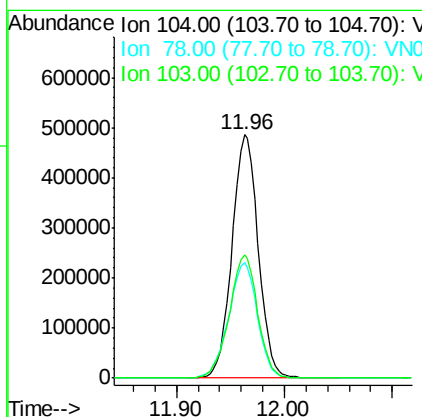
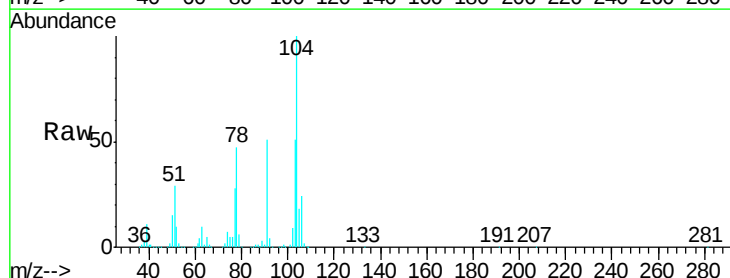
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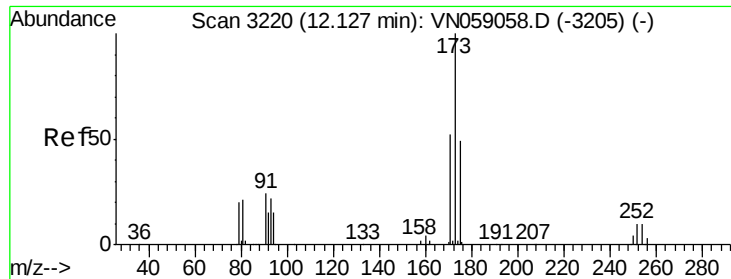
MMDadoda
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#70
Styrene
Concen: 49.163 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN059059.D
Acq: 1 Nov 2019 13:21

Tgt Ion:104 Resp: 820792
Ion Ratio Lower Upper
104 100
78 51.9 41.2 61.8
103 54.6 43.9 65.9





#71

Bromoform

Concen: 47.430 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN059059.D

Acq: 1 Nov 2019 13:21

Instrument :

MSVOA_N

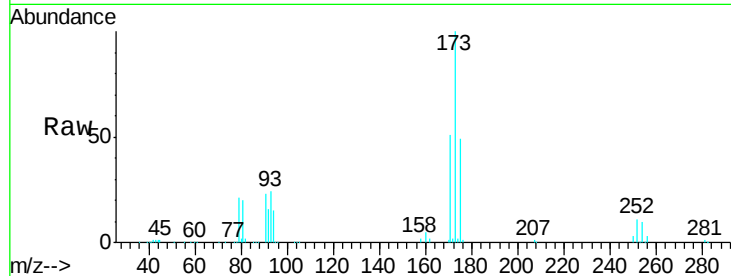
ClientSampleId :

ICVVN110119

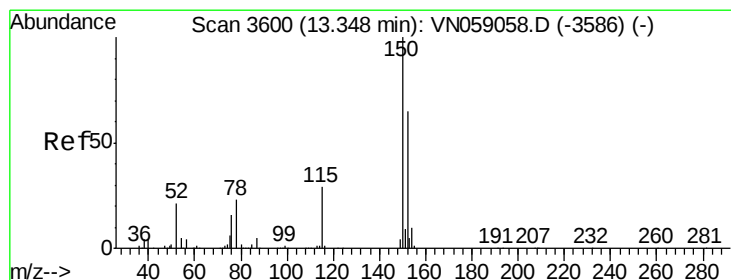
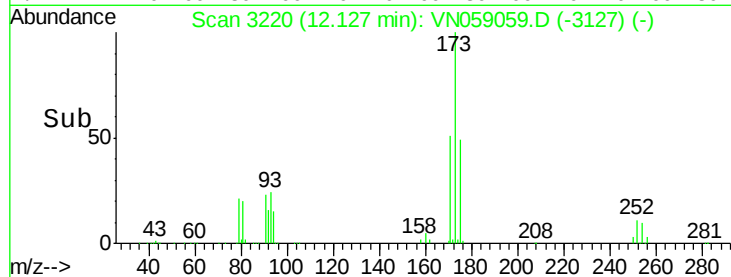
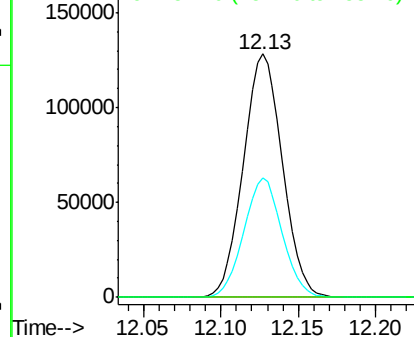
Tgt Ion	Ratio	Resp	Lower	Upper
173	100	225442		
175	48.1	24.4	73.2	
254	0.1	0.1	0.1#	

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

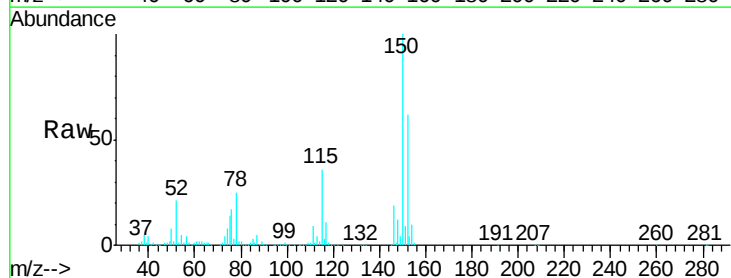
RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

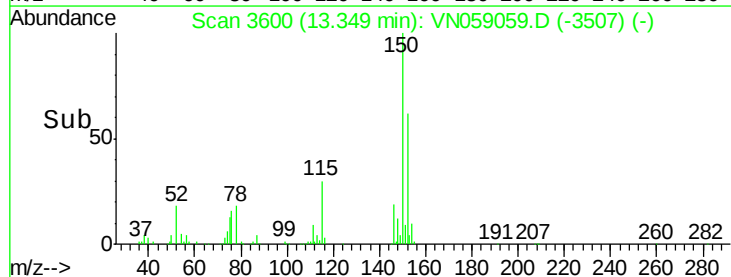
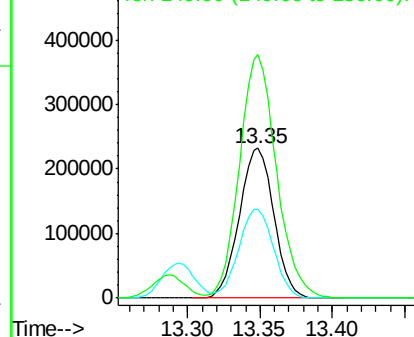
Lab File: VN059059.D

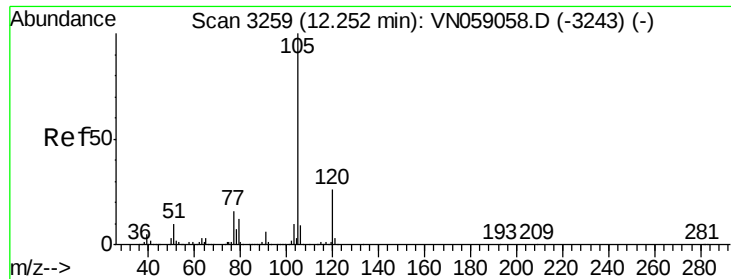
Acq: 1 Nov 2019 13:21

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	384212		
115	59.9	29.6	88.9	
150	173.6	0.0	345.8	



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 46.777 ug/l

RT: 12.25 min Scan# 3259

Delta R.T. 0.00 min

Lab File: VN059059.D

Acq: 1 Nov 2019 13:21

Instrument :

MSVOA_N

ClientSampleId :

ICVVN110119

Tgt Ion: 105 Resp: 1322179

Ion Ratio Lower Upper

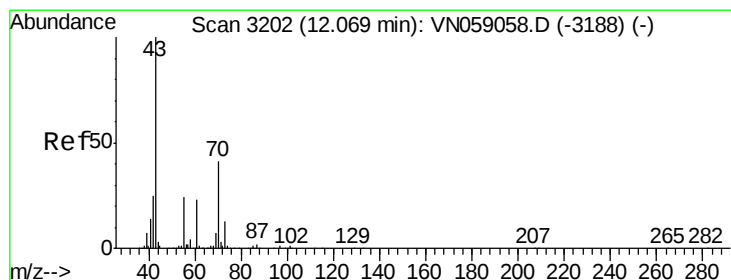
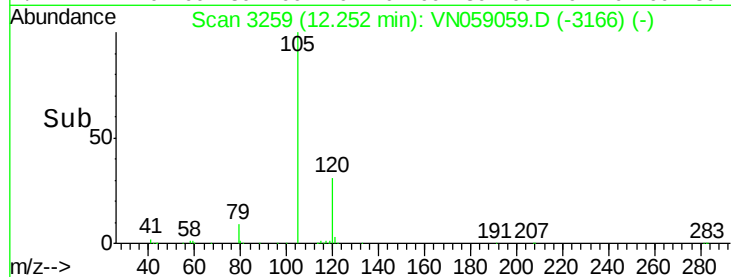
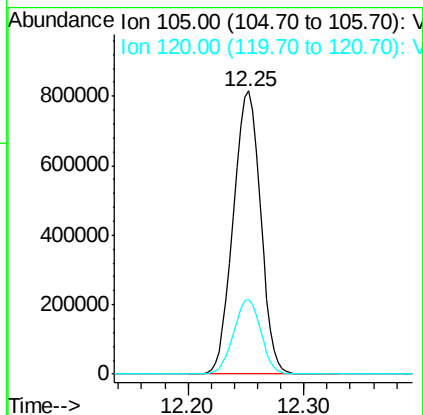
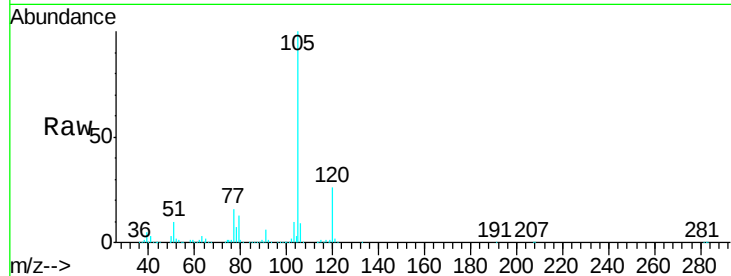
105 100

120 26.2 13.1 39.1

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11/5/2019 1:59:05 PM



#74

N-ethyl acetate

Concen: 48.511 ug/l

RT: 12.07 min Scan# 3203

Delta R.T. 0.00 min

Lab File: VN059059.D

Acq: 1 Nov 2019 13:21

Tgt Ion: 43 Resp: 609946

Ion Ratio Lower Upper

43 100

70 40.5 32.6 49.0

55 25.0 19.7 29.5

61 24.1 19.0 28.6

