

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012420\
 Data File : VN059837.D
 Acq On : 24 Jan 2020 11:46
 Operator : JC/MD
 Sample : VN0124MBS01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0124MBS01

Manual Integrations
 APPROVED

MMDadoda
 1/27/2020 11:15:36 AM

Quant Time: Jan 25 00:52:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 18 03:09:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	200821	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	306679	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	275540	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	129102	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	110444	49.52	ug/l	0.00
Spiked Amount						
			Recovery	=	99.04%	
35) Dibromofluoromethane	7.56	113	93010	50.86	ug/l	0.00
Spiked Amount						
			Recovery	=	101.72%	
50) Toluene-d8	10.08	98	345255	48.72	ug/l	0.00
Spiked Amount						
			Recovery	=	97.44%	
62) 4-Bromofluorobenzene	12.40	95	123144	48.21	ug/l	0.00
Spiked Amount						
			Recovery	=	96.42%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	42551	17.633	ug/l	96
3) Chloromethane	2.04	50	39342	17.112	ug/l	99
4) Vinyl Chloride	2.17	62	50752	19.293	ug/l	98
5) Bromomethane	2.54	94	30750	19.154	ug/l	99
6) Chloroethane	2.69	64	23324	18.741	ug/l	97
7) Trichlorofluoromethane	3.00	101	60054	19.009	ug/l	99
8) Diethyl Ether	3.38	74	21801	19.664	ug/l	83
9) 1,1,2-Trichlorotrifluoroet	3.74	101	35625	20.261	ug/l	92
10) Methyl Iodide	3.93	142	53351	18.772	ug/l	94
11) Tert butyl alcohol	4.73	59	35603	94.831	ug/l	100
12) 1,1-Dichloroethene	3.72	96	34473	18.763	ug/l	85
13) Acrolein	3.58	56	20377	76.673	ug/l	93
14) Allyl chloride	4.29	41	46188	18.651	ug/l #	85
15) Acrylonitrile	4.94	53	84107	98.210	ug/l	100
16) Acetone	3.78	43	104114	132.157	ug/l	96
17) Carbon Disulfide	4.03	76	87841	16.783	ug/l	99
18) Methyl Acetate	4.29	43	52295	20.075	ug/l #	91
19) Methyl tert-butyl Ether	5.00	73	122196	20.399	ug/l	94
20) Methylene Chloride	4.52	84	39805	18.924	ug/l	86
21) trans-1,2-Dichloroethene	5.01	96	36501	18.690	ug/l	89
22) Diisopropyl ether	5.91	45	108199	19.279	ug/l #	93
23) Vinyl Acetate	5.86	43	394461	90.782	ug/l	95
24) 1,1-Dichloroethane	5.82	63	64875	18.919	ug/l	97
25) 2-Butanone	6.80	43	123907	98.111	ug/l #	89
26) 2,2-Dichloropropane	6.79	77	63347	19.215	ug/l	96
27) cis-1,2-Dichloroethene	6.80	96	43479	19.356	ug/l	88
28) Bromochloromethane	7.17	49	24274	17.711	ug/l #	70
29) Tetrahydrofuran	7.18	42	71766	91.843	ug/l #	87
30) Chloroform	7.35	83	70221	19.764	ug/l	97
31) Cyclohexane	7.63	56	57165	17.324	ug/l	87
32) 1,1,1-Trichloroethane	7.55	97	63597	19.359	ug/l	95
36) 1,1-Dichloropropene	7.77	75	50567	18.934	ug/l	96
37) Ethyl Acetate	6.90	43	47464	18.949	ug/l	98
38) Carbon Tetrachloride	7.75	117	56659	19.503	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	59448	18.053	ug/l	92
40) Benzene	8.02	78	153576	19.282	ug/l	99
41) Methacrylonitrile	7.15	41	20082m	16.277	ug/l	
42) 1,2-Dichloroethane	8.10	62	55362	20.500	ug/l	96
43) Isopropyl Acetate	8.14	43	79669	18.491	ug/l #	93
44) Trichloroethene	8.82	130	44569	20.498	ug/l	94
45) 1,2-Dichloropropane	9.10	63	39379	19.980	ug/l	99
46) Dibromomethane	9.19	93	28536	20.525	ug/l	89
47) Bromodichloromethane	9.38	83	56112	20.028	ug/l	99
48) Methyl methacrylate	9.18	41	34223	17.758	ug/l	87
49) 1,4-Dioxane	9.18	88	14889	422.031	ug/l #	88
51) 4-Methyl-2-Pentanone	9.97	43	232931	93.525	ug/l	94
52) Toluene	10.14	92	98722	19.623	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	61810	19.758	ug/l	98
54) cis-1,3-Dichloropropene	9.82	75	66287	20.138	ug/l	93
55) 1,1,2-Trichloroethane	10.55	97	40009	20.079	ug/l	98
56) Ethyl methacrylate	10.42	69	56579	18.583	ug/l	93
57) 1,3-Dichloropropane	10.70	76	64149	20.278	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	95244	103.858	ug/l	90
59) 2-Hexanone	10.74	43	176127	95.991	ug/l	91
60) Dibromochloromethane	10.89	129	47057	20.739	ug/l	100
61) 1,2-Dibromoethane	10.99	107	41761	19.996	ug/l	99
64) Tetrachloroethene	10.62	164	53183	23.682	ug/l	95
65) Chlorobenzene	11.43	112	108319	20.000	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	43089	20.590	ug/l	98
67) Ethyl Benzene	11.50	91	191357	19.464	ug/l	97
68) m/p-Xylenes	11.61	106	146359	39.410	ug/l	92
69) o-Xylene	11.94	106	70787	19.469	ug/l	96
70) Styrene	11.96	104	113306	18.624	ug/l	96
71) Bromoform	12.12	173	33171	19.789	ug/l #	97
73) Isopropylbenzene	12.25	105	188310	19.889	ug/l	99
74) N-amyl acetate	12.07	43	65187	17.743	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.50	83	53809	19.604	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	49944m	22.988	ug/l	
77) Bromobenzene	12.52	156	48602	20.270	ug/l	82
78) n-propylbenzene	12.59	91	207558	19.531	ug/l	96
79) 2-Chlorotoluene	12.67	91	124513	19.695	ug/l	94
80) 1,3,5-Trimethylbenzene	12.73	105	158182	19.865	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	18995	18.775	ug/l	95
82) 4-Chlorotoluene	12.77	91	125301	19.760	ug/l	95
83) tert-Butylbenzene	12.99	119	138851	20.162	ug/l	95
84) 1,2,4-Trimethylbenzene	13.04	105	158242	20.087	ug/l	99
85) sec-Butylbenzene	13.17	105	177900	19.661	ug/l	99
86) p-Isopropyltoluene	13.28	119	164161	19.608	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	84856	20.374	ug/l	97
88) 1,4-Dichlorobenzene	13.36	146	84064	20.232	ug/l	97
89) n-Butylbenzene	13.61	91	135027	18.915	ug/l	98
90) Hexachloroethane	13.87	117	30250	19.311	ug/l	88
91) 1,2-Dichlorobenzene	13.65	146	83817	20.356	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.26	75	11951	18.990	ug/l	88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	48405	19.564	ug/l	100
94) Hexachlorobutadiene	15.01	225	26704	19.586	ug/l	99
95) Naphthalene	15.13	128	127128	18.065	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	47665	19.792	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN059837.D

Acq: 24 Jan 2020 11:46

Instrument :

MSVOA_N

ClientSampleId :

VN0124MBS01

Tot Ion:168 Resp: 200821

Ion Ratio Lower Upper

168 100

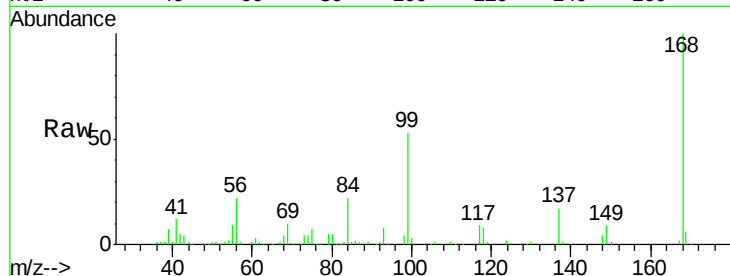
99 52.9 48.2 72.4

Manual Integrations

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1/27/2020 11:15:36 AM

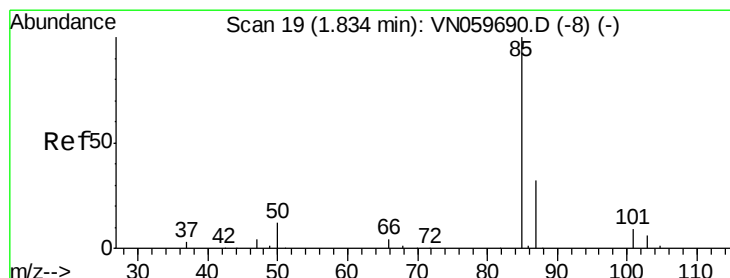
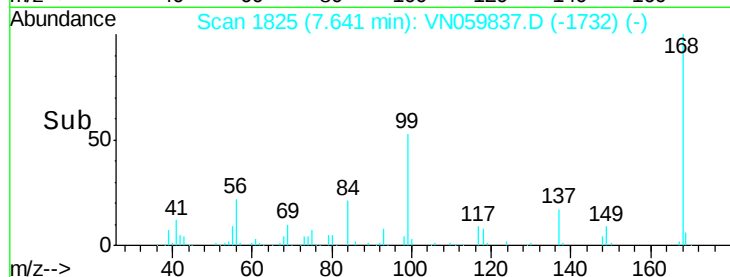


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

Time-->



#2

Dichlorodifluoromethane

Concen: 17.633 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN059837.D

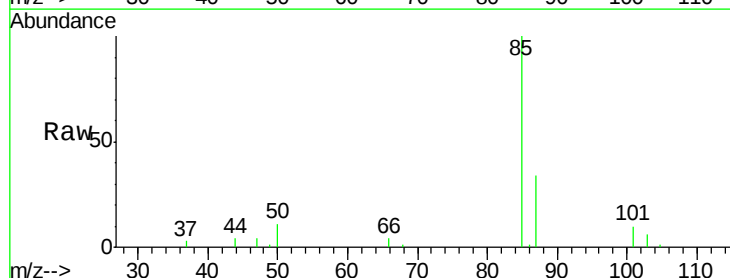
Acq: 24 Jan 2020 11:46

Tgt Ion: 85 Resp: 42551

Ion Ratio Lower Upper

85 100

87 33.8 15.9 47.7

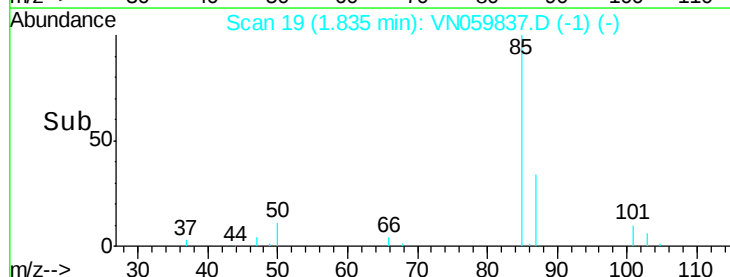


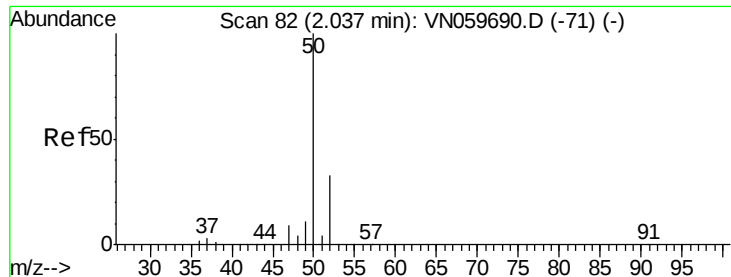
Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

Time-->





#3

Chloromethane

Concen: 17.112 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN059837.D

Acq: 24 Jan 2020 11:46

Instrument :

MSVOA_N

ClientSampleId :

VN0124MBS01

Tot Ion: 50 Resp: 39342

Ion Ratio Lower Upper

50 100

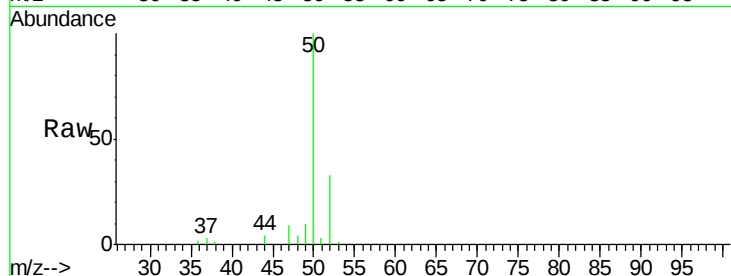
52 33.1 25.9 38.9

Manual Integrations

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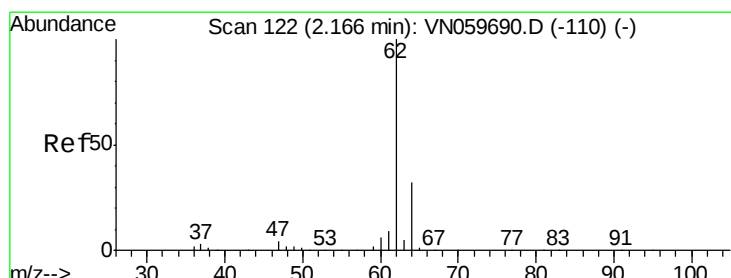
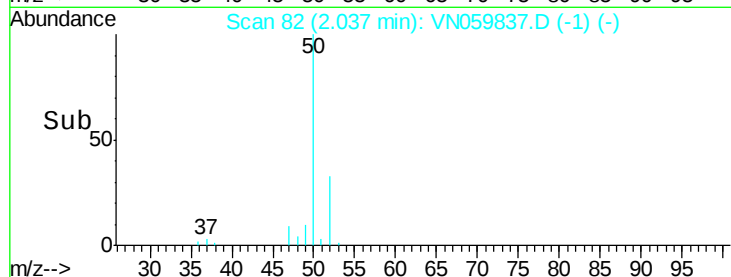
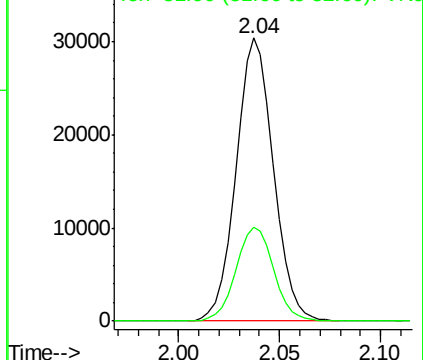
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Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 19.293 ug/l

RT: 2.17 min Scan# 122

Delta R.T. 0.00 min

Lab File: VN059837.D

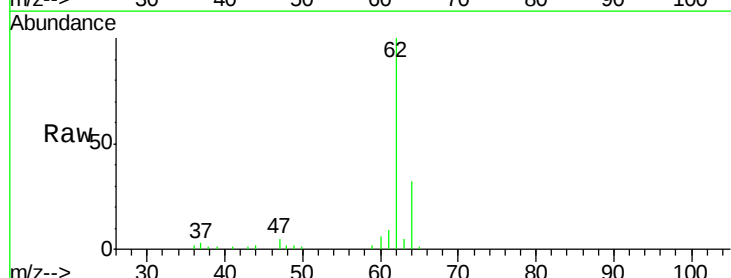
Acq: 24 Jan 2020 11:46

Tgt Ion: 62 Resp: 50752

Ion Ratio Lower Upper

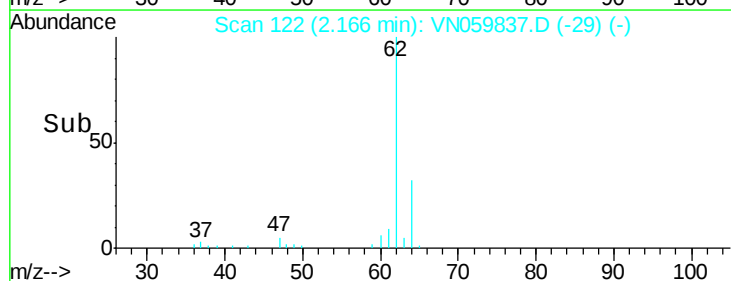
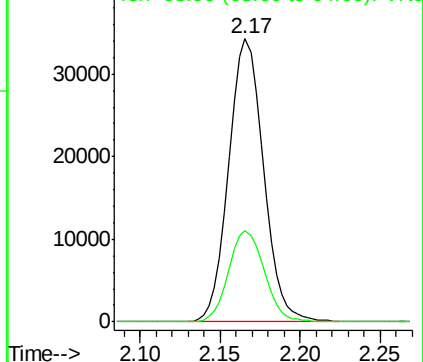
62 100

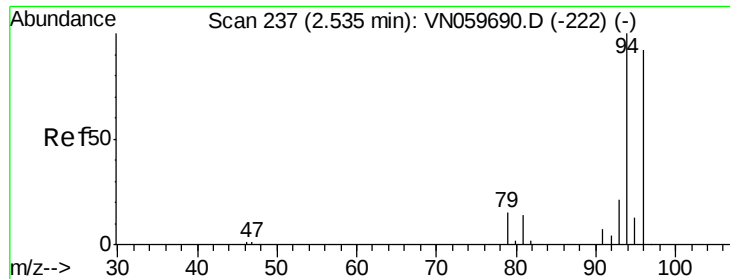
64 32.1 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





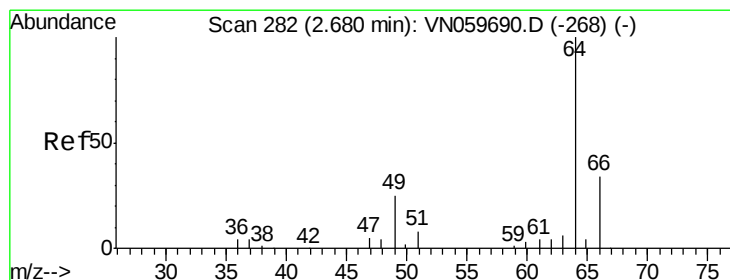
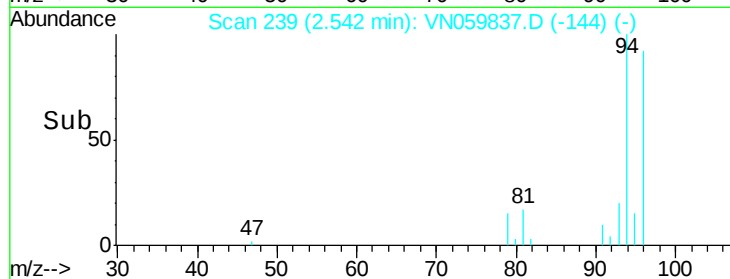
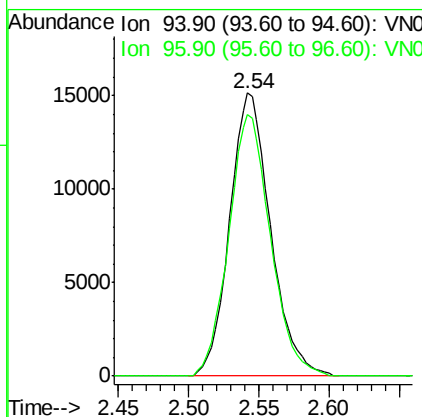
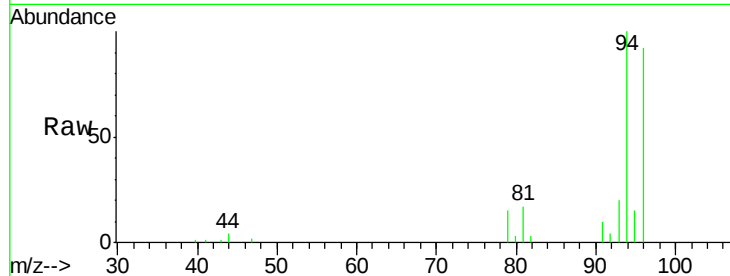
#5
Bromomethane
Concen: 19.154 ug/l
RT: 2.54 min Scan# 239
Delta R.T. 0.01 min
Lab File: VN059837.D
Acq: 24 Jan 2020 11:46

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Tot Ion: 94 Resp: 30750
Ion Ratio Lower Upper
94 100
96 92.3 74.7 112.1

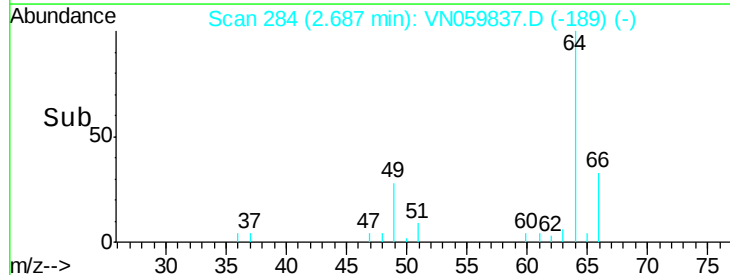
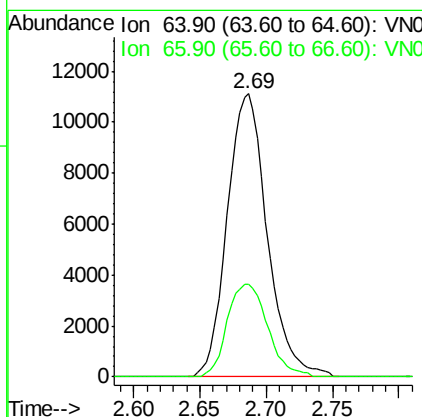
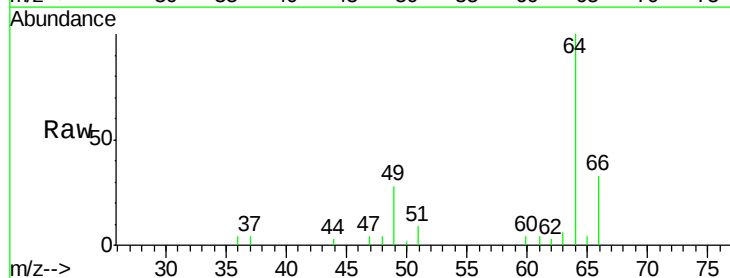
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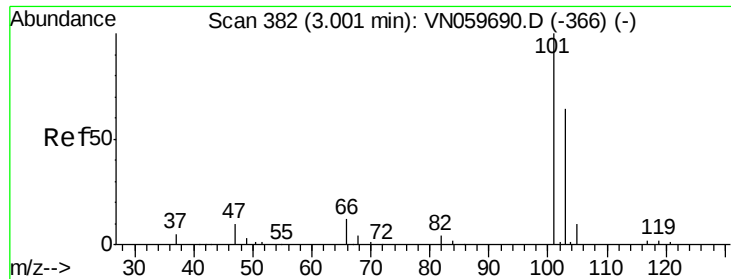
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#6
Chloroethane
Concen: 18.741 ug/l
RT: 2.69 min Scan# 284
Delta R.T. 0.01 min
Lab File: VN059837.D
Acq: 24 Jan 2020 11:46

Tgt Ion: 64 Resp: 23324
Ion Ratio Lower Upper
64 100
66 32.9 25.1 37.7





#7

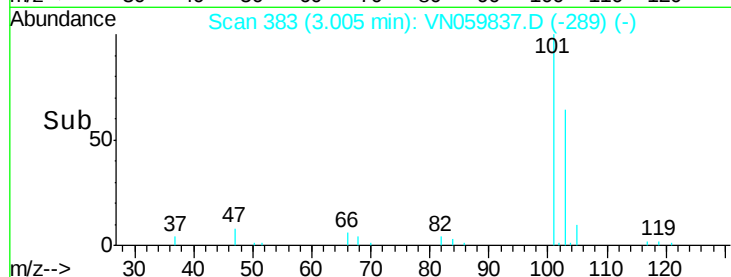
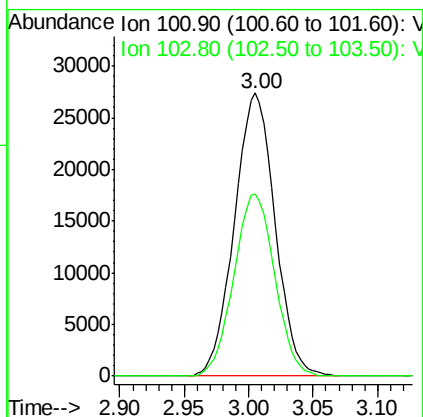
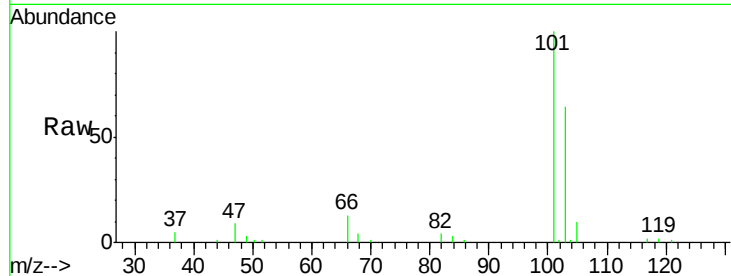
Trichlorofluoromethane
Concen: 19.009 ug/l
RT: 3.00 min Scan# 383
Delta R.T. 0.00 min
Lab File: VN059837.D
Acq: 24 Jan 2020 11:46

Instrument :
MSVOA_N
ClientSampleId :
VN0124MBS01

Tot Ion:101 Resp: 60054
Ion Ratio Lower Upper
101 100
103 64.4 51.0 76.6

Manual Integrations
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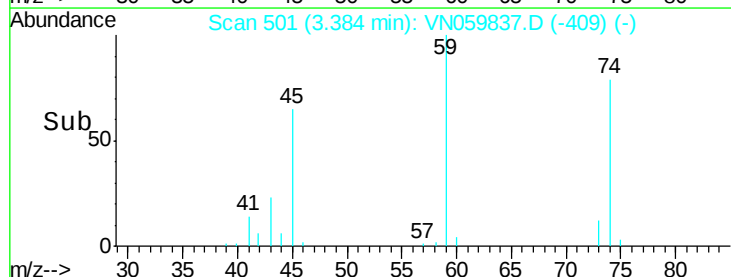
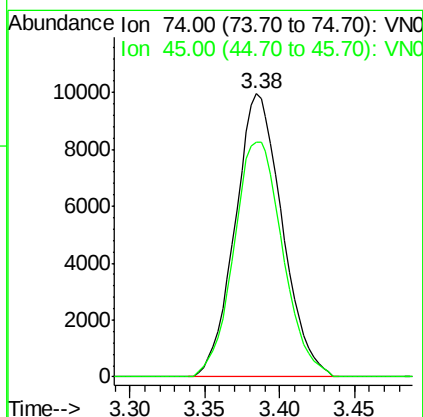
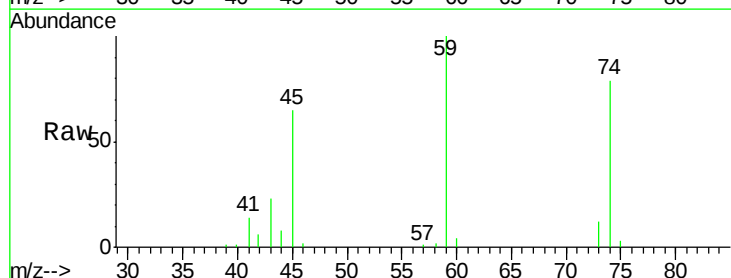
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1/27/2020 11:15:36 AM



#8

Diethyl Ether
Concen: 19.664 ug/l
RT: 3.38 min Scan# 501
Delta R.T. -0.00 min
Lab File: VN059837.D
Acq: 24 Jan 2020 11:46

Tgt Ion: 74 Resp: 21801
Ion Ratio Lower Upper
74 100
45 86.1 51.9 155.8





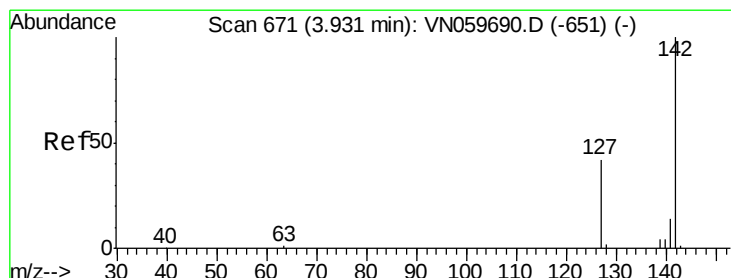
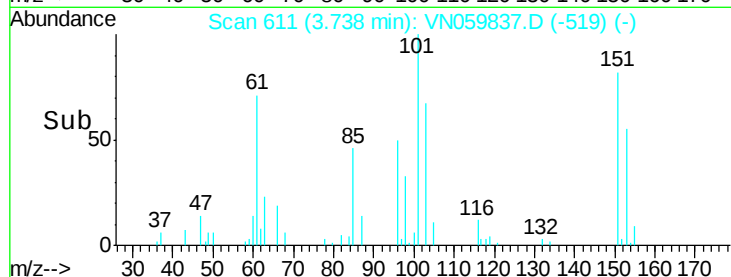
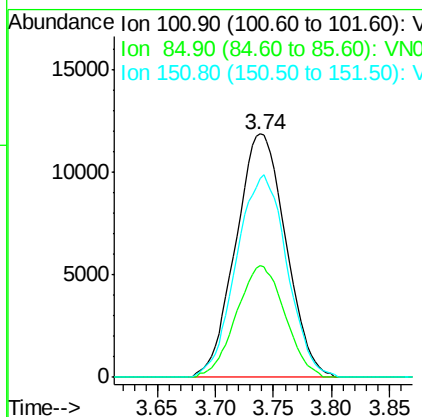
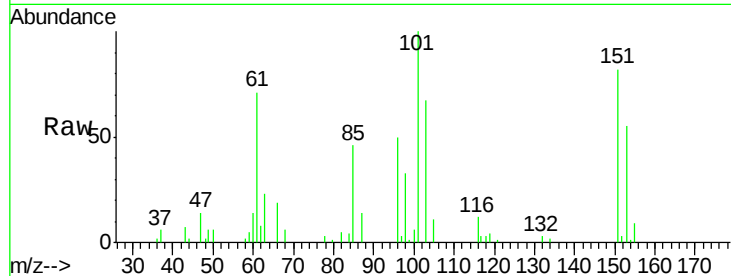
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.261 ug/l
RT: 3.74 min Scan# 611
Delta R.T. -0.00 min
Lab File: VN059837.D
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Instrument :
MSVOA_N
ClientSampleId :
VN0124MBS01

Tot Ion	Ratio	Lower	Upper
101	100		
85	44.4	36.6	54.8
151	84.1	59.7	89.5

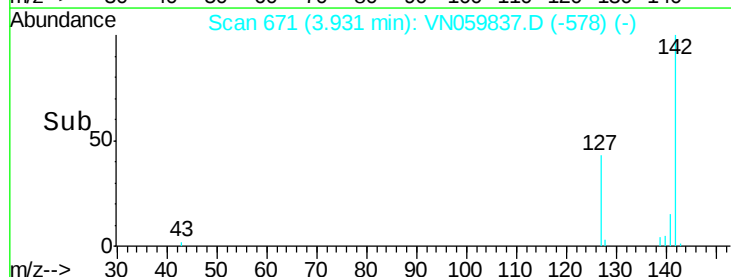
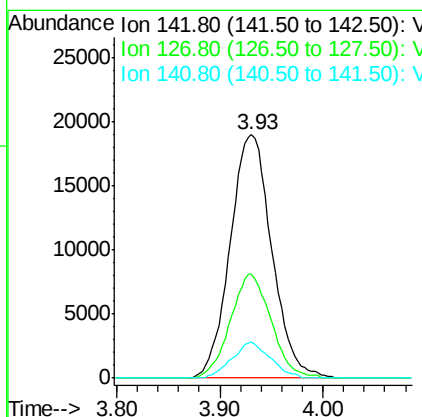
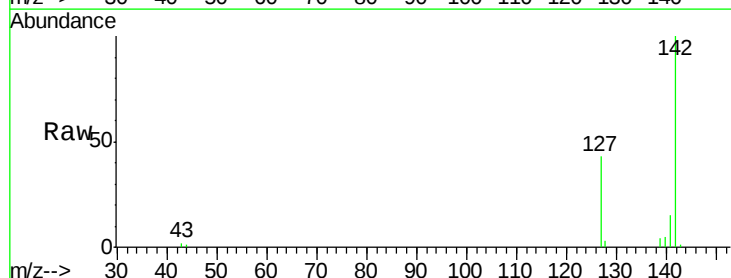
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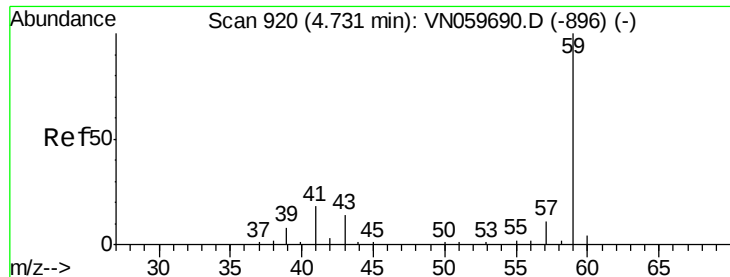
MMDadoda
1/27/2020 11:15:36 AM



#10
Methyl Iodide
Concen: 18.772 ug/l
RT: 3.93 min Scan# 671
Delta R.T. 0.00 min
Lab File: VN059837.D
Acq: 24 Jan 2020 11:46

Tgt Ion	Ratio	Lower	Upper
142	100		
127	41.7	36.7	55.1
141	13.5	11.7	17.5





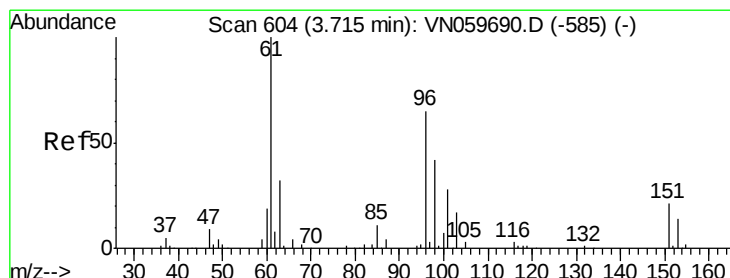
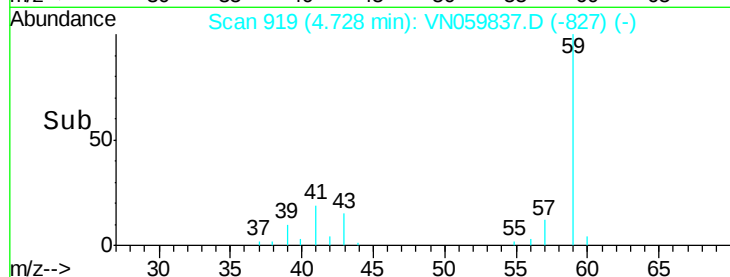
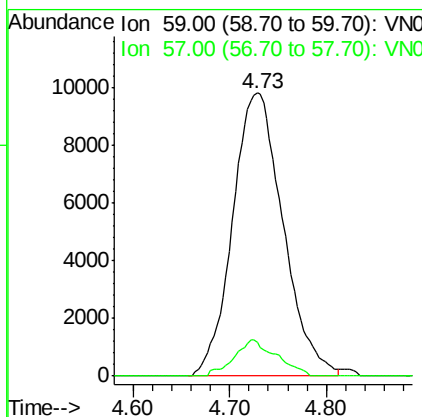
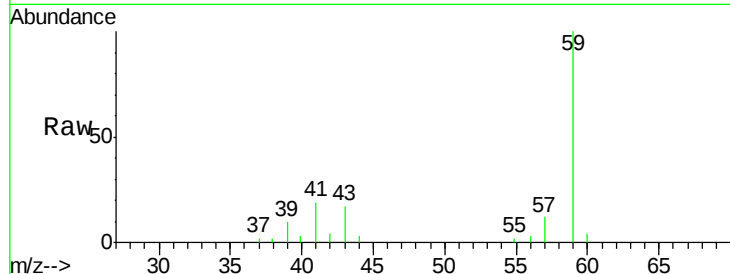
#11
Tert butyl alcohol
Concen: 94.831 ug/l
RT: 4.73 min Scan# 919
Delta R.T. -0.00 min
Lab File: VN059837.D
Acq: 24 Jan 2020 11:46

Instrument :
MSVOA_N
ClientSampleId :
VN0124MBS01

Tot Ion: 59 Resp: 35603
Ion Ratio Lower Upper
59 100
57 10.8 8.6 12.8

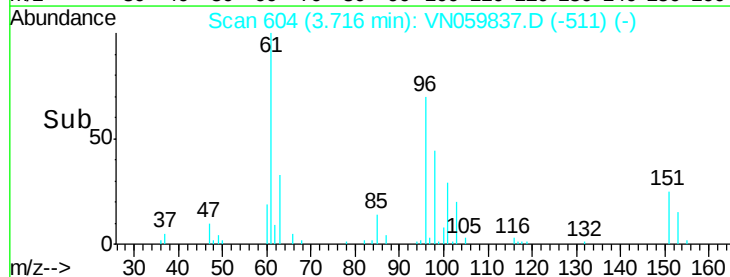
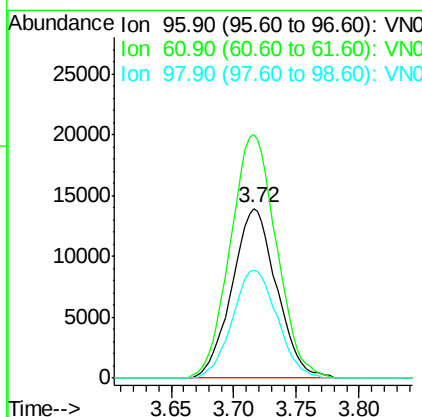
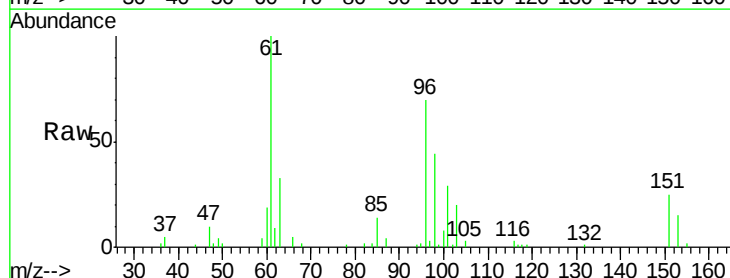
Manual Integrations
APPROVED

MMDadoda
1/27/2020 11:15:36 AM



#12
1,1-Dichloroethene
Concen: 18.763 ug/l
RT: 3.72 min Scan# 604
Delta R.T. 0.00 min
Lab File: VN059837.D
Acq: 24 Jan 2020 11:46

Tgt Ion: 96 Resp: 34473
Ion Ratio Lower Upper
96 100
61 143.3 137.5 206.3
98 63.4 50.2 75.4





#13

Acrolein

Concen: 76.673 ug/l

RT: 3.58 min Scan# 561

Delta R.T. 0.00 min

Lab File: VN059837.D

Acq: 24 Jan 2020 11:46

Instrument :

MSVOA_N

ClientSampleId :

VN0124MBS01

Tot Ion: 56 Resp: 20377

Ion Ratio Lower Upper

56 100

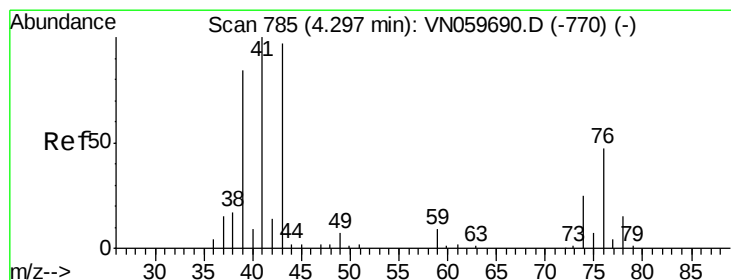
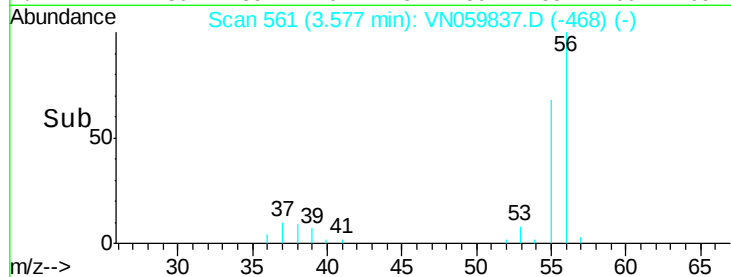
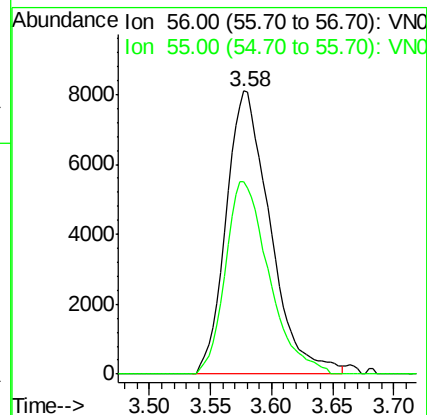
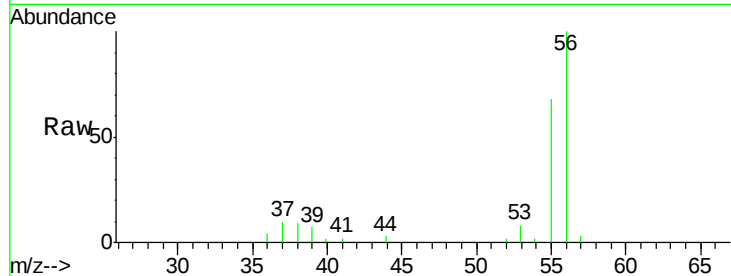
55 67.3 58.6 88.0

Manual Integrations

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#14

Allyl chloride

Concen: 18.651 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.00 min

Lab File: VN059837.D

Acq: 24 Jan 2020 11:46

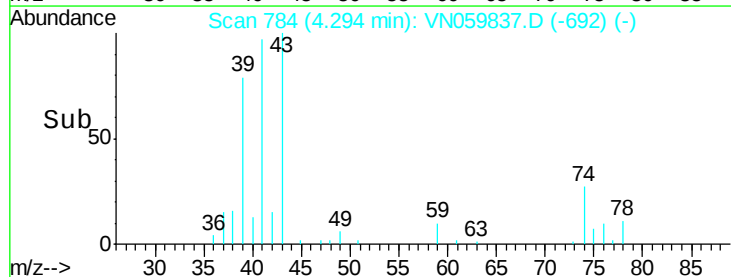
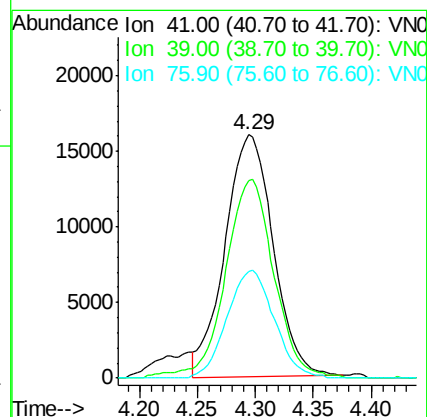
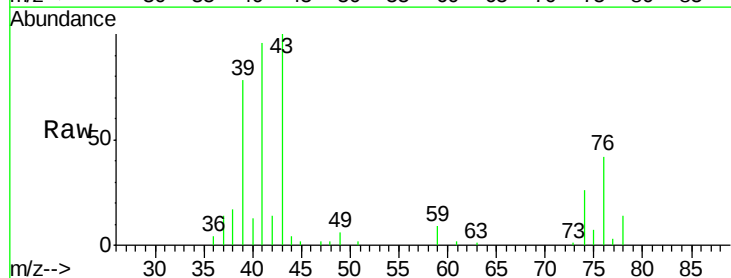
Tgt Ion: 41 Resp: 46188

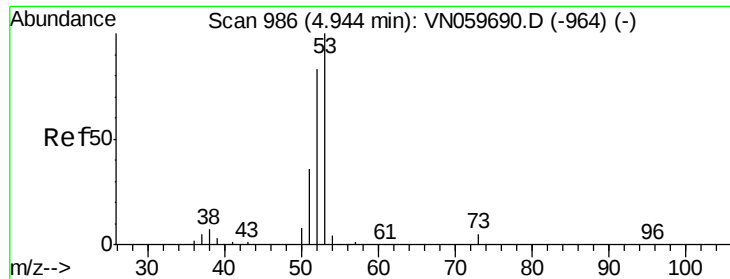
Ion Ratio Lower Upper

41 100

39 82.1 57.8 86.8

76 43.6 25.4 38.0#





#15

Acrylonitrile

Concen: 98.210 ug/l

RT: 4.94 min Scan# 986

Delta R.T. 0.00 min

Lab File: VN059837.D

Acq: 24 Jan 2020 11:46

Instrument :

MSVOA_N

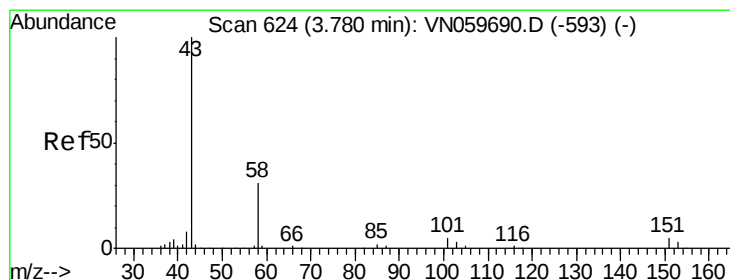
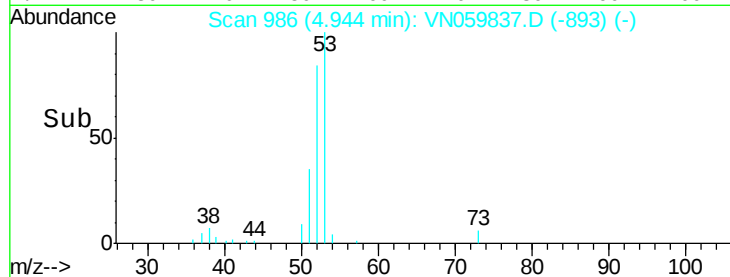
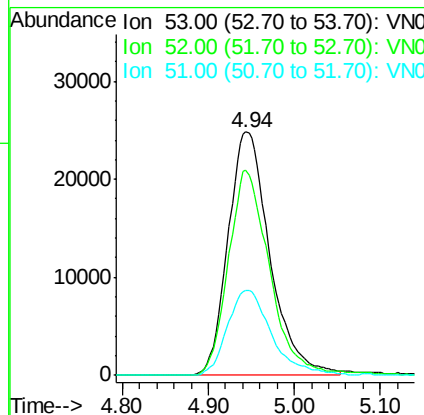
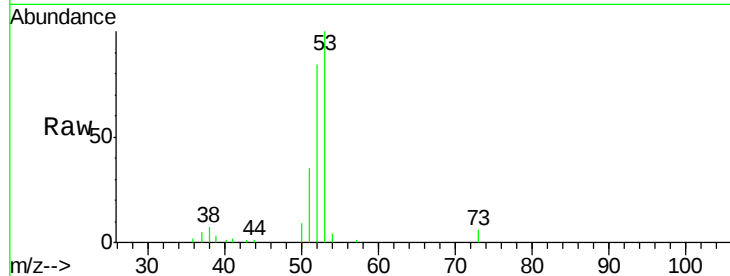
ClientSampleId :

VN0124MBS01

Tot Ion:	53	Resp:	84107
Ion Ratio	Lower	Upper	
53	100		
52	82.7	66.3	99.5
51	36.8	29.7	44.5

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#16

Acetone

Concen: 132.157 ug/l

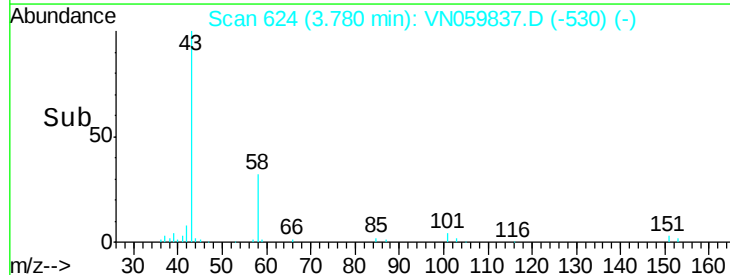
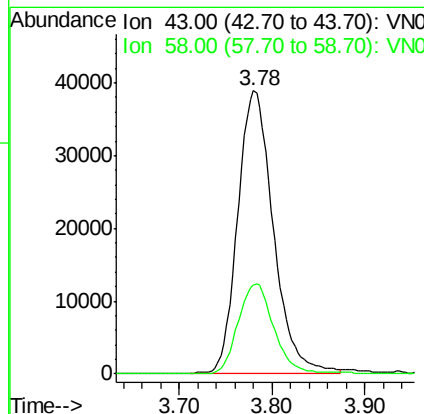
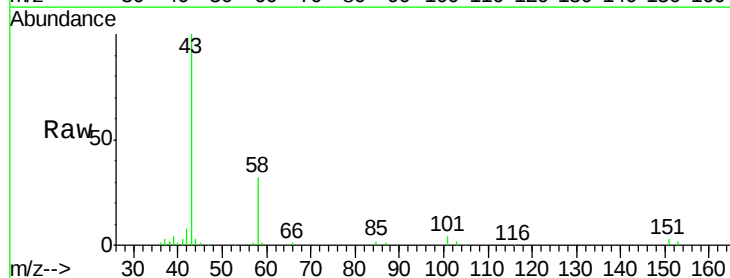
RT: 3.78 min Scan# 624

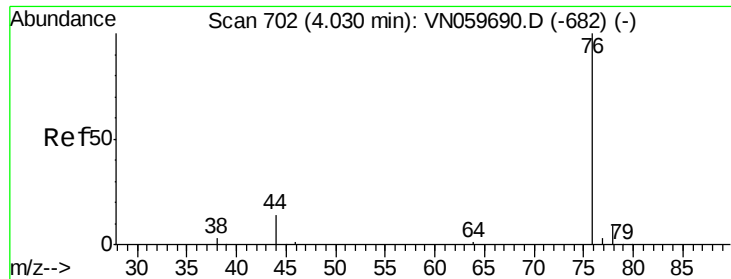
Delta R.T. 0.00 min

Lab File: VN059837.D

Acq: 24 Jan 2020 11:46

Tgt Ion:	43	Resp:	104114
Ion Ratio	Lower	Upper	
43	100		
58	31.5	23.6	35.4





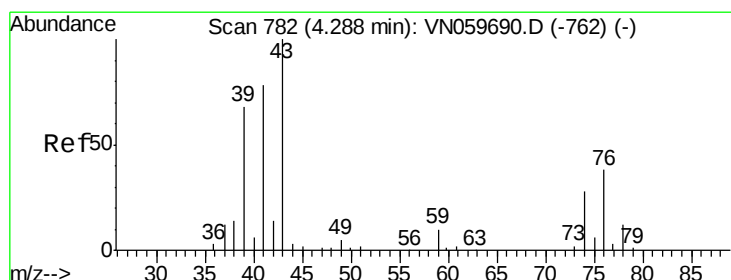
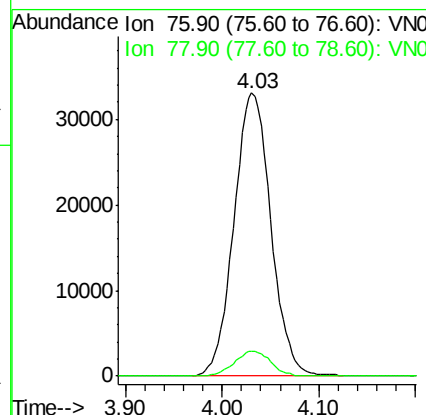
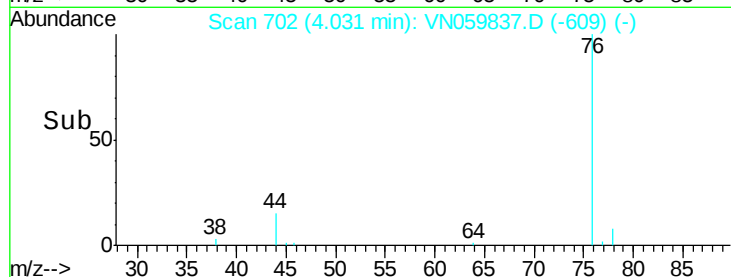
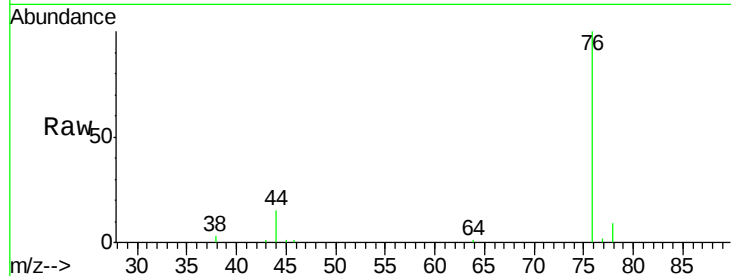
#17
Carbon Disulfide
Concen: 16.783 ug/l
RT: 4.03 min Scan# 702
Delta R.T. 0.00 min
Lab File: VN059837.D
Acq: 24 Jan 2020 11:46

Instrument :
MSVOA_N
ClientSampleId :
VN0124MBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.4	11.0

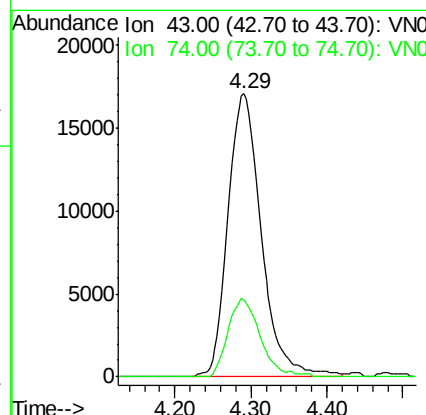
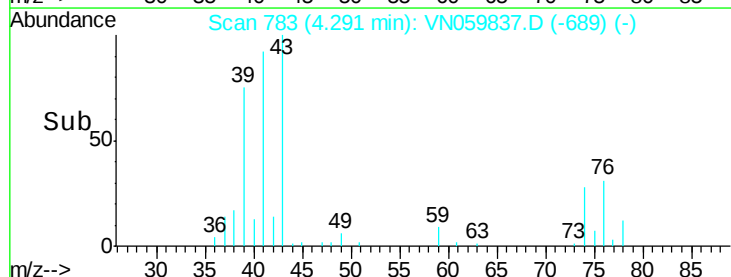
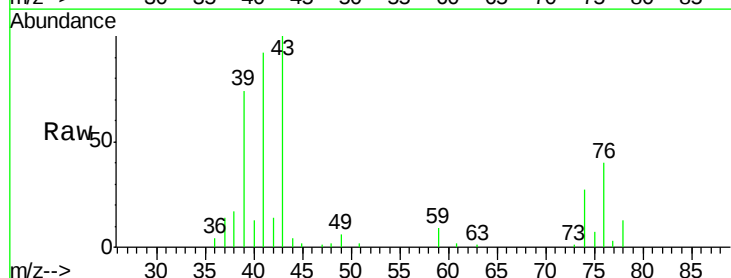
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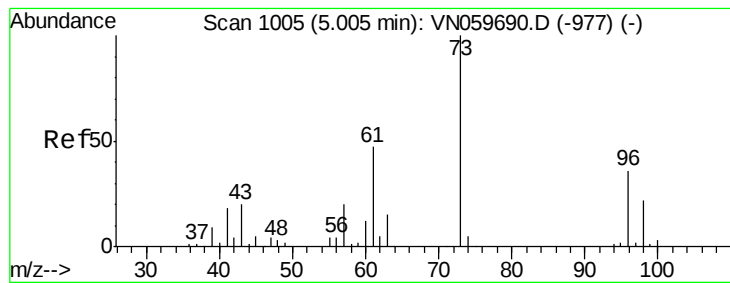
MMDadoda
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#18
Methyl Acetate
Concen: 20.075 ug/l
RT: 4.29 min Scan# 783
Delta R.T. 0.00 min
Lab File: VN059837.D
Acq: 24 Jan 2020 11:46

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.4	17.5	26.3#





#19

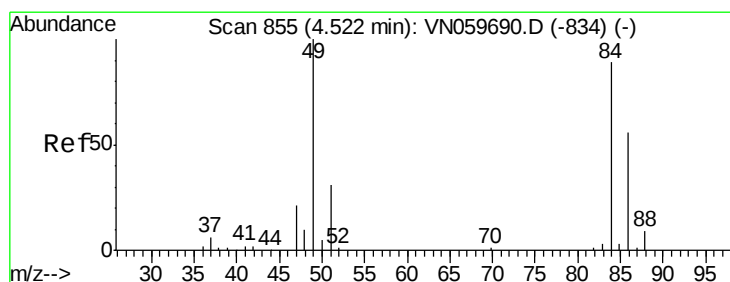
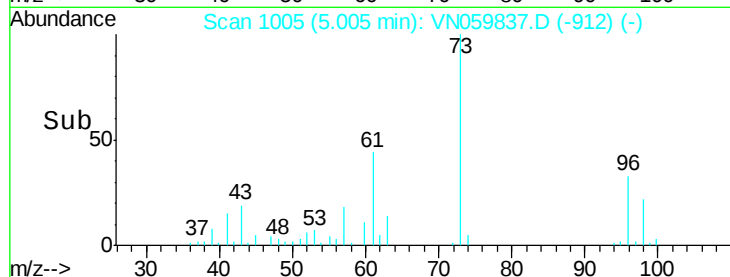
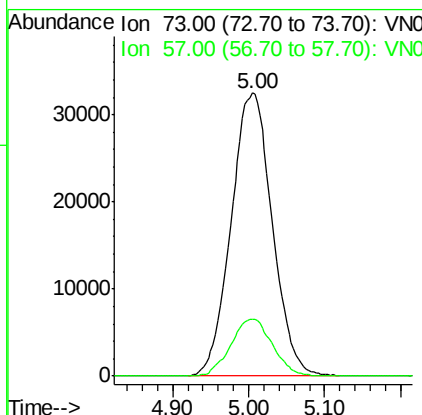
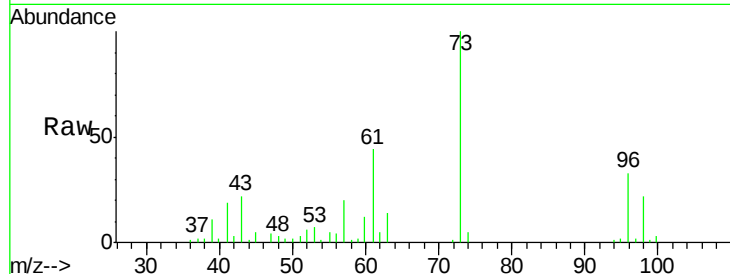
Methvl tert-butvl Ether
 Concen: 20.399 ug/l
 RT: 5.00 min Scan# 1005
 Delta R.T. 0.00 min
 Lab File: VN059837.D
 Acq: 24 Jan 2020 11:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0124MBS01

Tot Ion: 73 Resp: 122196
 Ion Ratio Lower Upper
 73 100
 57 20.1 18.6 27.8

Manual Integrations
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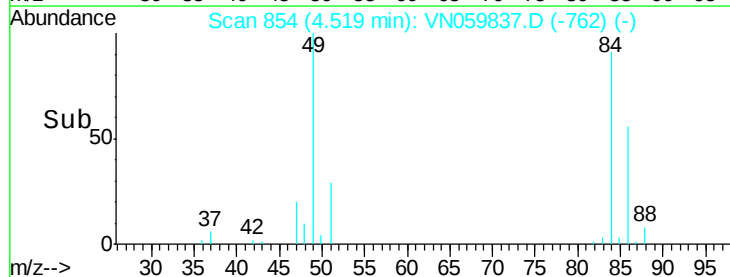
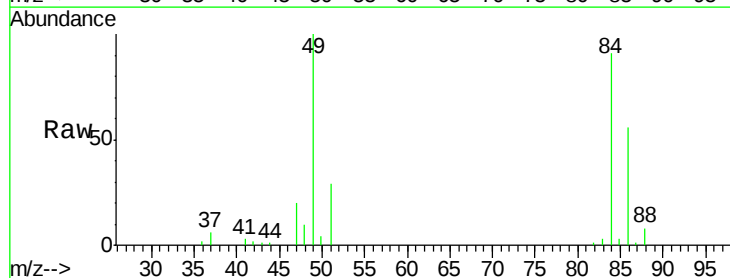
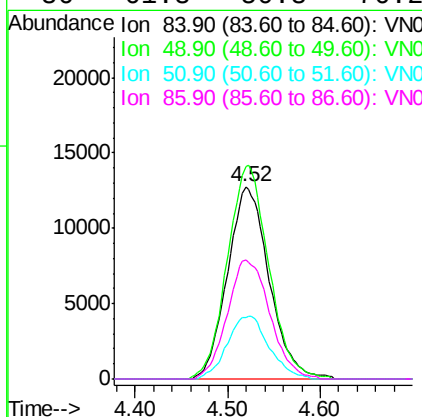
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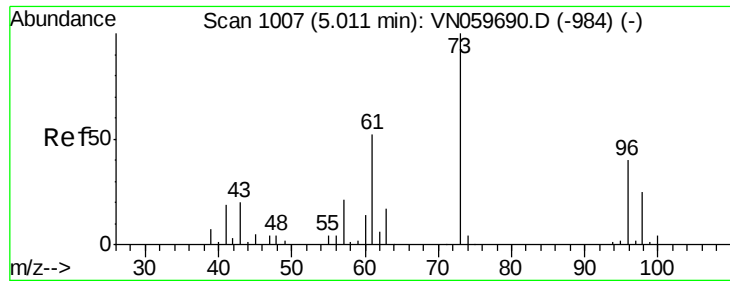


#20

Methylene Chloride
 Concen: 18.924 ug/l
 RT: 4.52 min Scan# 854
 Delta R.T. -0.00 min
 Lab File: VN059837.D
 Acq: 24 Jan 2020 11:46

Tgt Ion: 84 Resp: 39805
 Ion Ratio Lower Upper
 84 100
 49 110.4 106.6 160.0
 51 32.1 31.9 47.9
 86 61.8 50.8 76.2





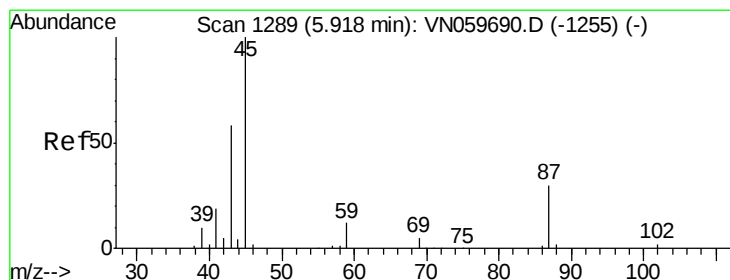
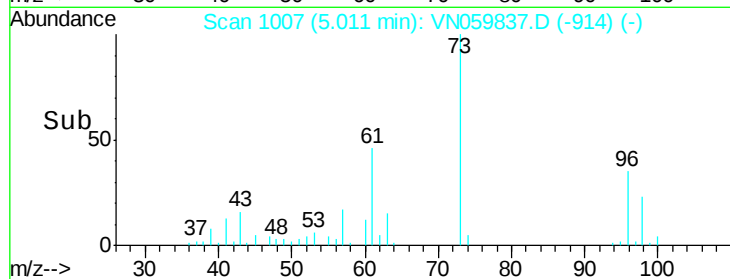
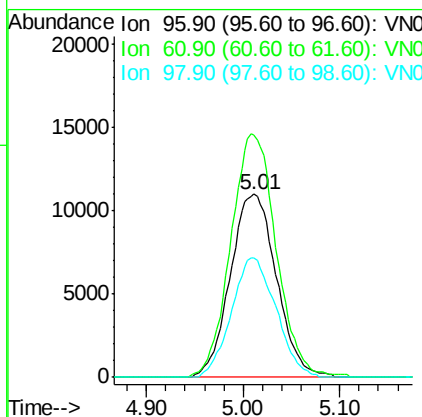
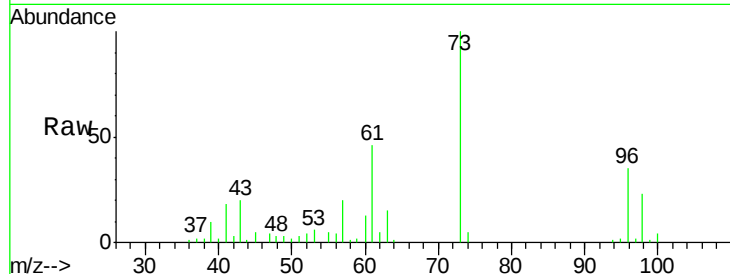
#21
trans-1,2-Dichloroethene
Concen: 18.690 ug/l
RT: 5.01 min Scan# 1007
Delta R.T. 0.00 min
Lab File: VN059837.D
Acq: 24 Jan 2020 11:46

Instrument :
MSVOA_N
ClientSampleId :
VN0124MBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	132.8	120.4	180.6
98	65.3	50.6	75.8

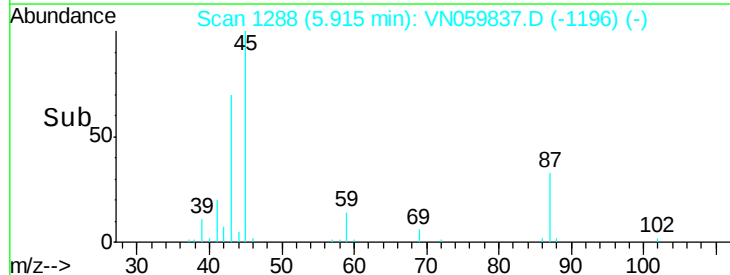
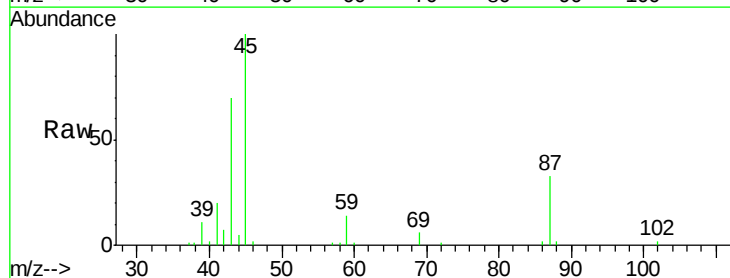
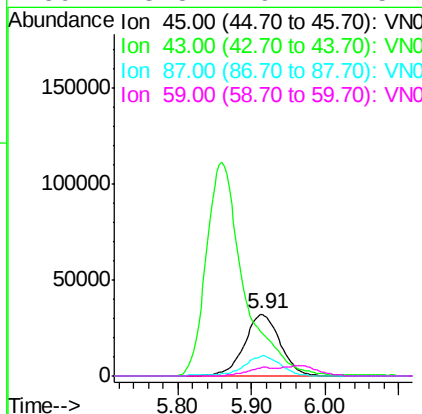
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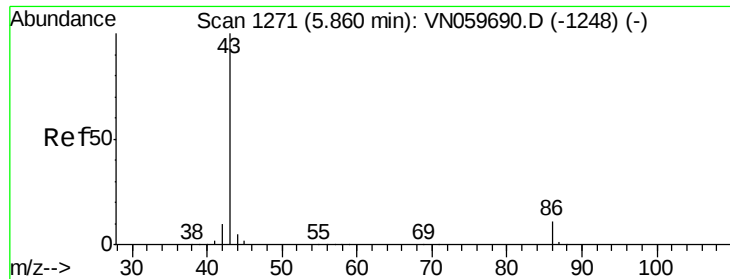
MMDadoda
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#22
Diisopropyl ether
Concen: 19.279 ug/l
RT: 5.91 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VN059837.D
Acq: 24 Jan 2020 11:46

Tgt Ion	Ratio	Lower	Upper
45	100		
43	67.5	50.8	76.2
87	32.7	21.0	31.6#
59	13.8	9.1	13.7#





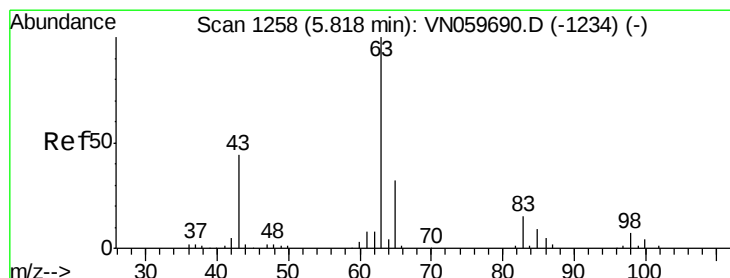
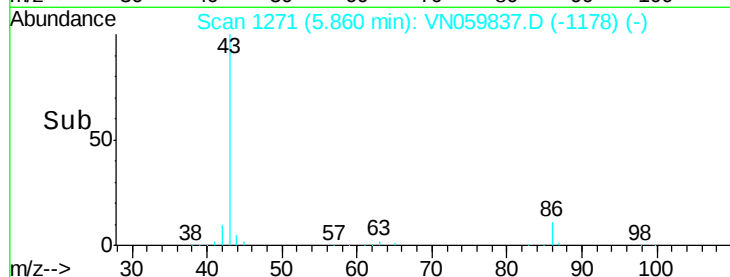
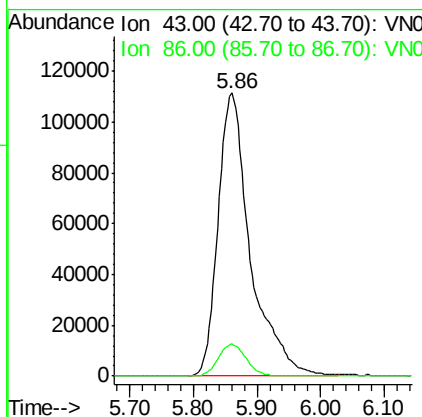
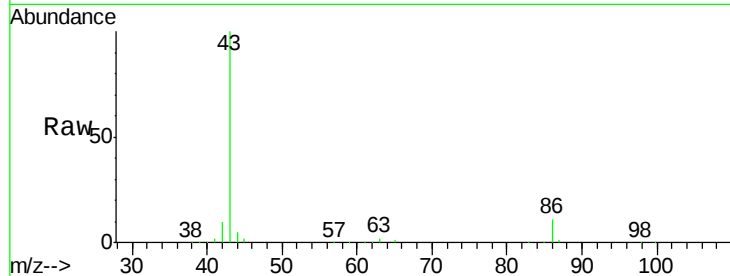
#23
 Vinyl Acetate
 Concen: 90.782 ug/l
 RT: 5.86 min Scan# 1271
 Delta R.T. 0.00 min
 Lab File: VN059837.D
 Acq: 24 Jan 2020 11:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0124MBS01

Tot Ion	43	Resp	394461
Ion Ratio	100	Lower	Upper
43	100		
86	11.3	7.6	11.4

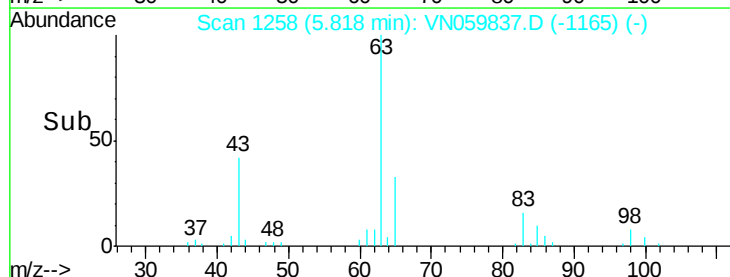
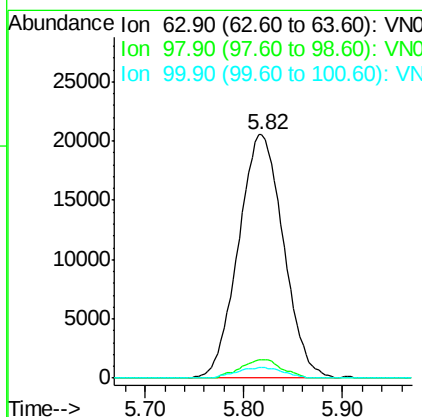
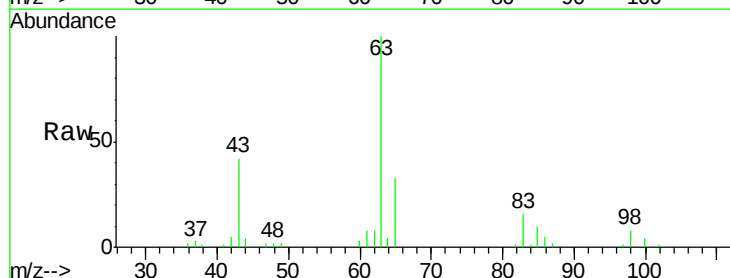
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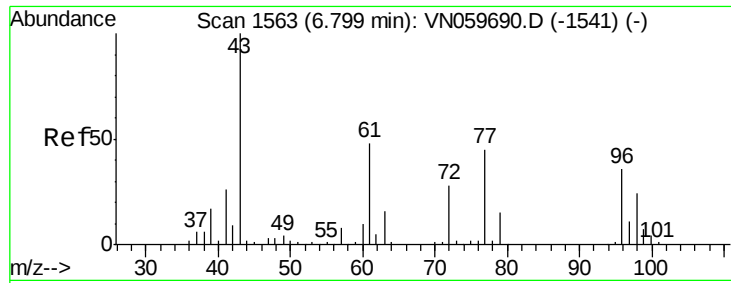
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#24
 1,1-Dichloroethane
 Concen: 18.919 ug/l
 RT: 5.82 min Scan# 1258
 Delta R.T. 0.00 min
 Lab File: VN059837.D
 Acq: 24 Jan 2020 11:46

Tgt Ion	63	Resp	64875
Ion Ratio	100	Lower	Upper
63	100		
98	7.5	2.9	8.7
100	4.3	2.0	6.0





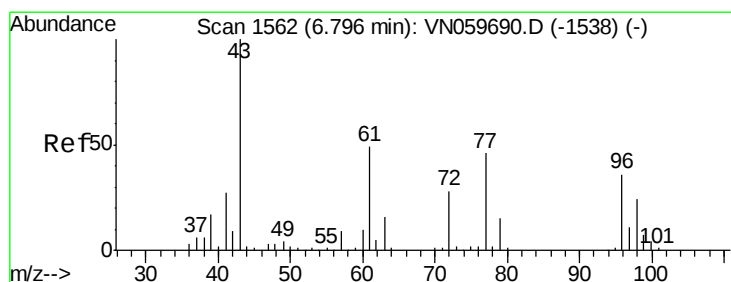
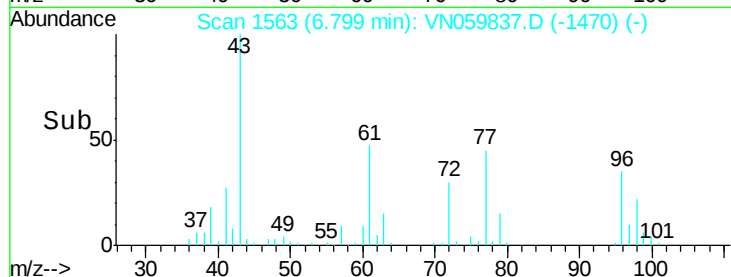
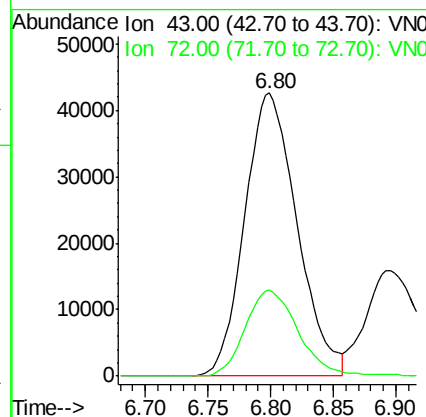
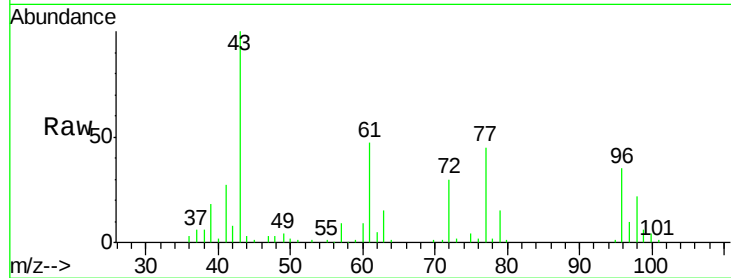
#25
2-Butanone
Concen: 98.111 ug/l
RT: 6.80 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VN059837.D
Acq: 24 Jan 2020 11:46

Instrument :
MSVOA_N
ClientSampleId :
VN0124MBS01

Tot Ion: 43 Resp: 123907
Ion Ratio Lower Upper
43 100
72 30.3 19.9 29.9#

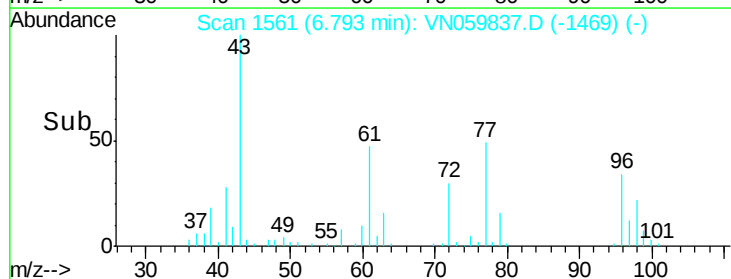
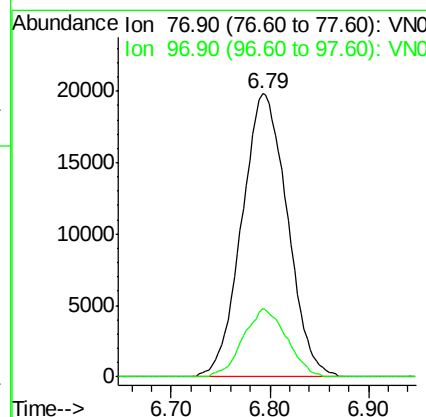
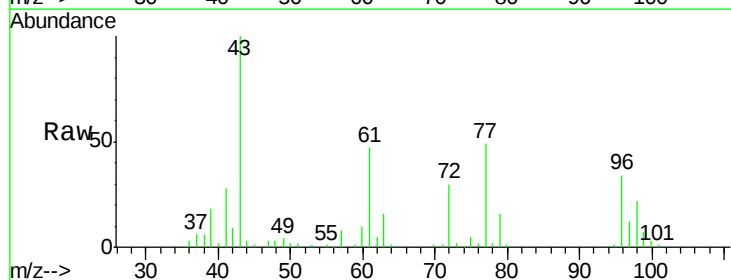
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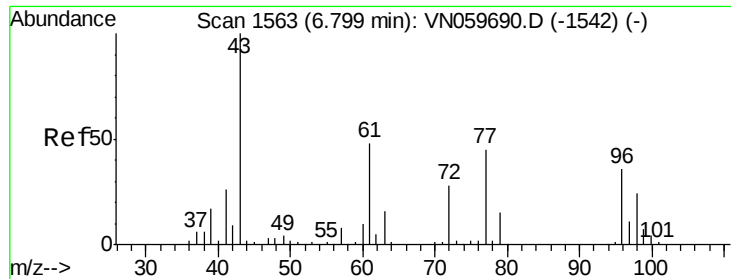
MMDadoda
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#26
2,2-Dichloropropane
Concen: 19.215 ug/l
RT: 6.79 min Scan# 1561
Delta R.T. -0.00 min
Lab File: VN059837.D
Acq: 24 Jan 2020 11:46

Tgt Ion: 77 Resp: 63347
Ion Ratio Lower Upper
77 100
97 23.0 10.7 31.9





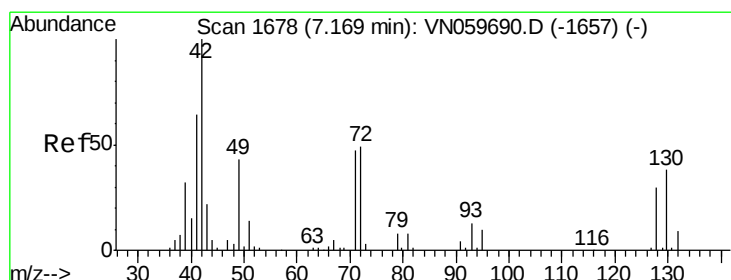
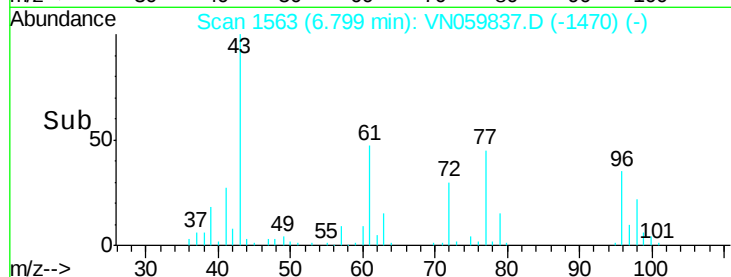
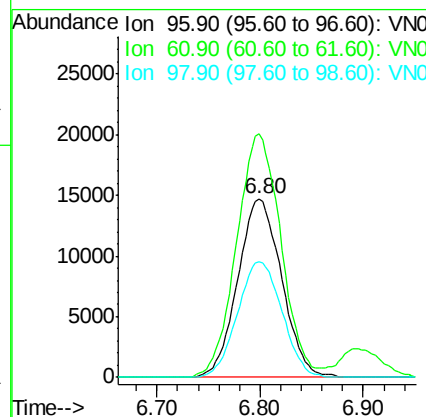
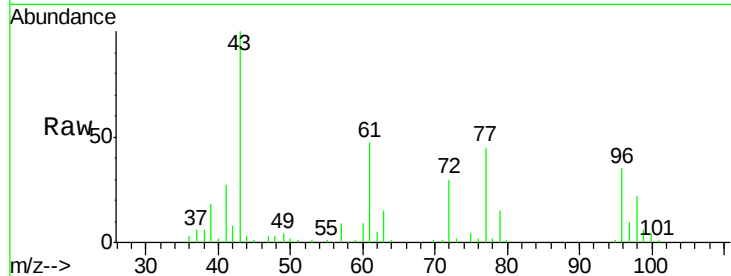
#27
 cis-1,2-Dichloroethene
 Concen: 19.356 ug/l
 RT: 6.80 min Scan# 1563
 Delta R.T. 0.00 min
 Lab File: VN059837.D
 Acq: 24 Jan 2020 11:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0124MBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	138.1	0.0	317.6
98	65.7	0.0	127.0

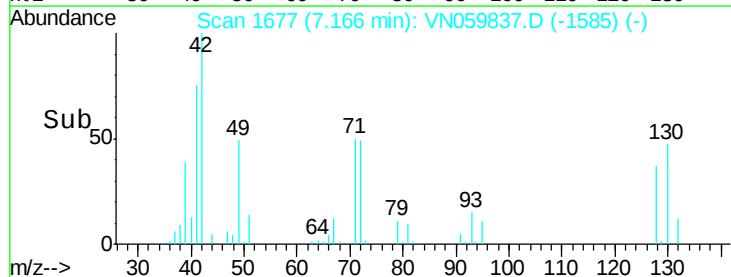
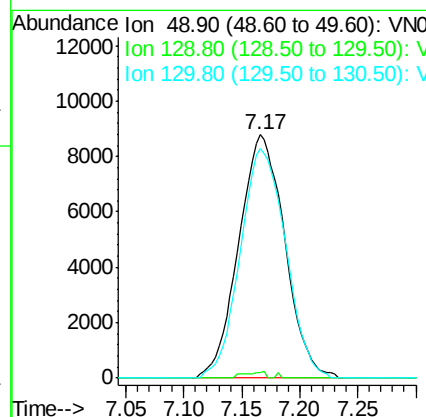
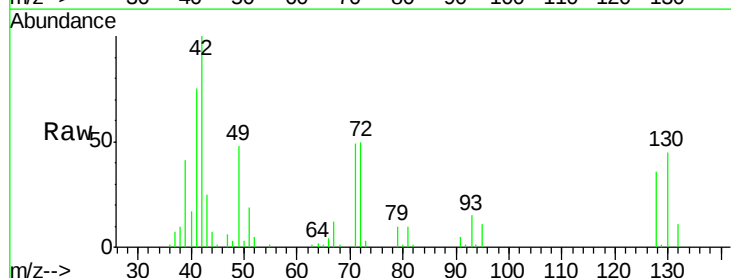
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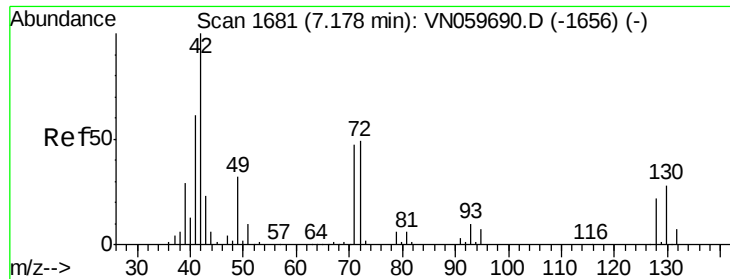
MMDadoda
 1/27/2020 11:15:36 AM



#28
 Bromochloromethane
 Concen: 17.711 ug/l
 RT: 7.17 min Scan# 1677
 Delta R.T. -0.00 min
 Lab File: VN059837.D
 Acq: 24 Jan 2020 11:46

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.5	0.0	3.4
130	93.0	54.7	82.1#





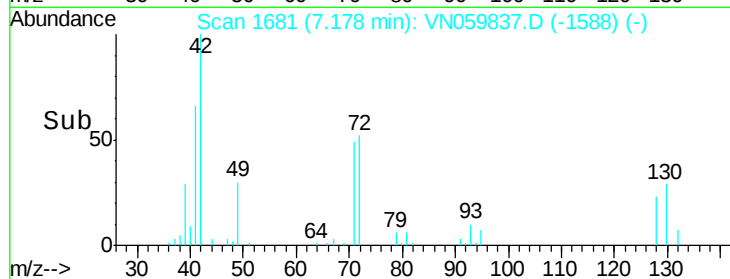
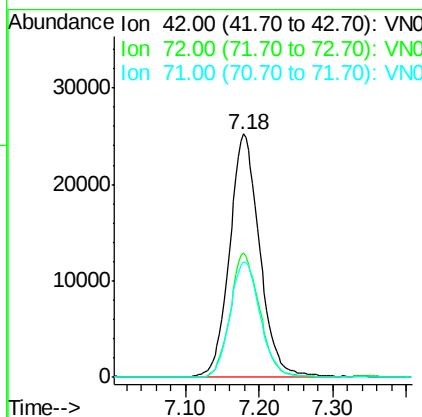
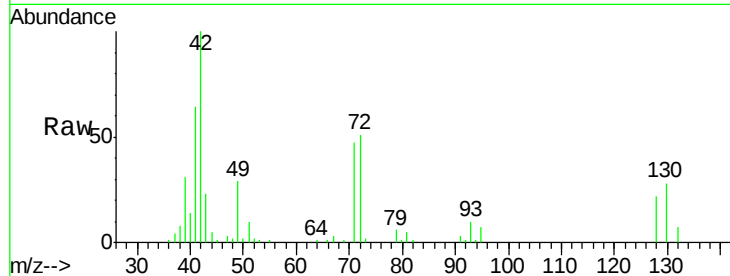
#29
Tetrahydrofuran
Concen: 91.843 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VN059837.D
Acq: 24 Jan 2020 11:46

Instrument :
MSVOA_N
ClientSampled :
VN0124MBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	49.6	33.1	49.7
71	47.2	31.4	47.0

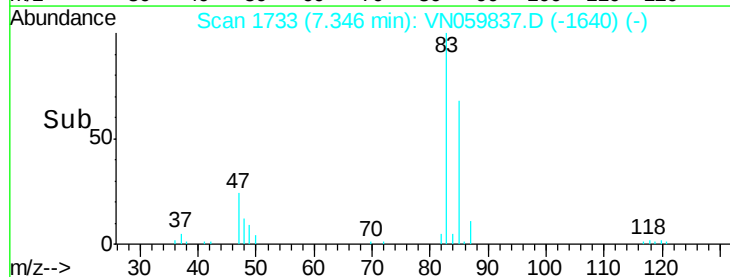
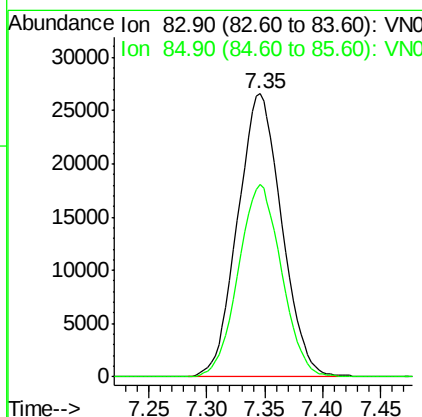
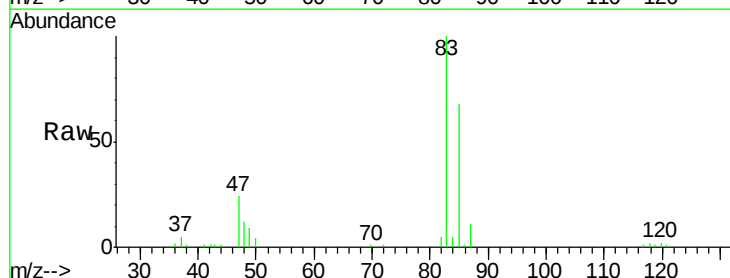
Manual Integrations
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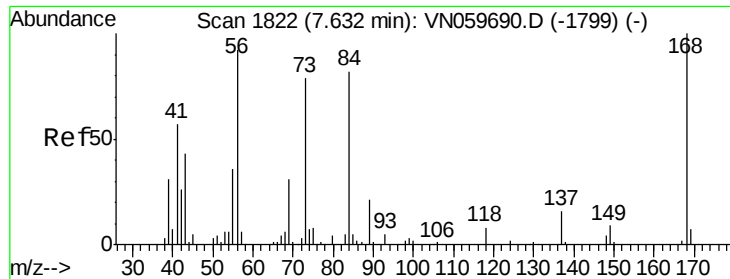
MMDadoda
1/27/2020 11:15:36 AM



#30
Chloroform
Concen: 19.764 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VN059837.D
Acq: 24 Jan 2020 11:46

Tgt Ion	Ratio	Lower	Upper
83	100		
85	68.2	52.4	78.6





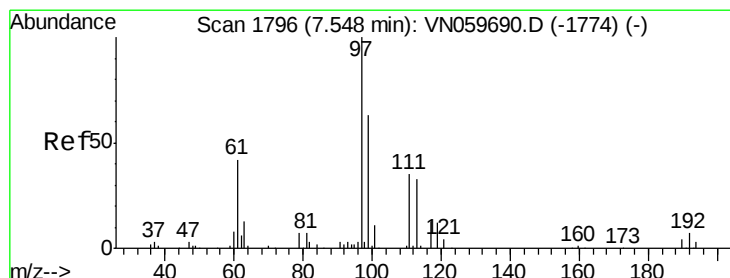
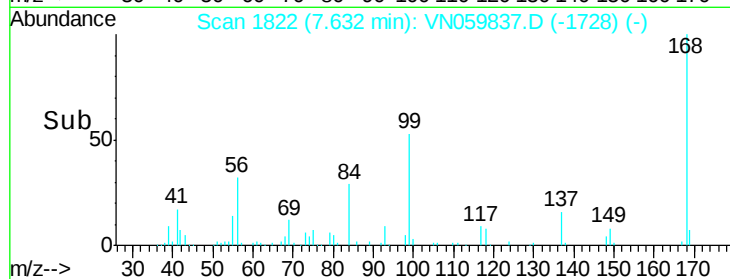
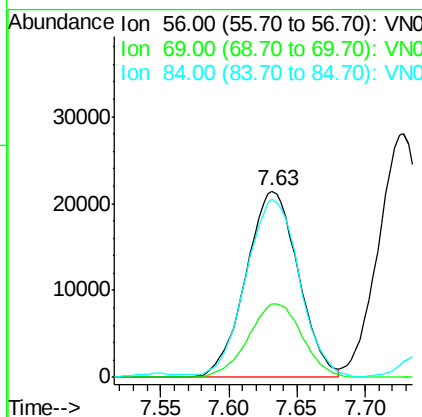
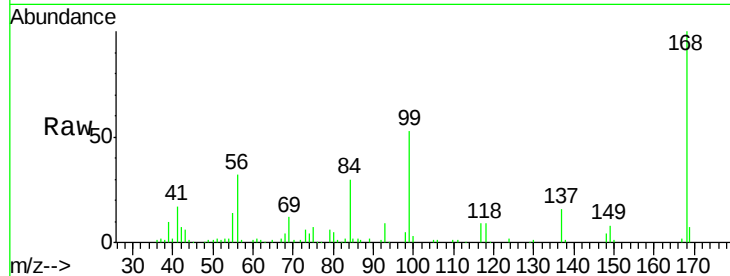
#31
Cyclohexane
Concen: 17.324 ug/l
RT: 7.63 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VN059837.D
Acq: 24 Jan 2020 11:46

Instrument :
MSVOA_N
ClientSampled :
VN0124MBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	39.2	26.5	39.7
84	94.1	65.3	97.9

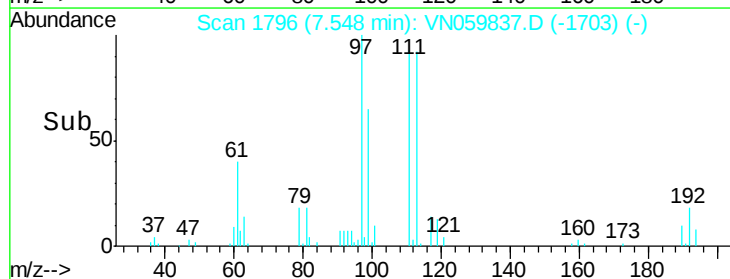
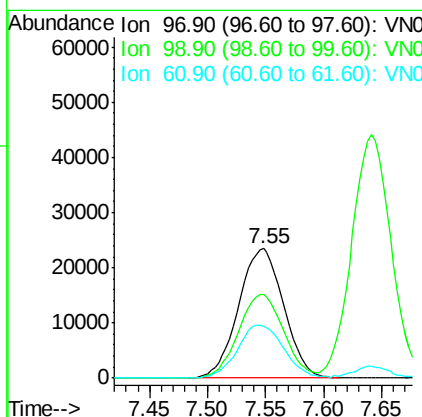
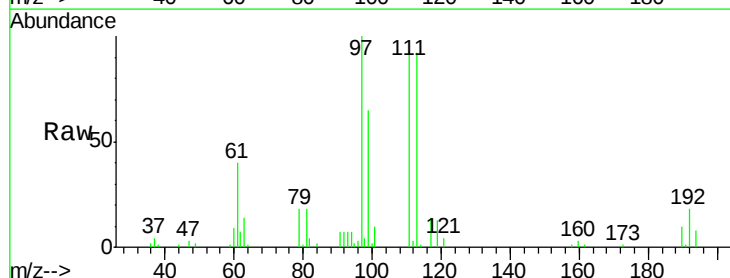
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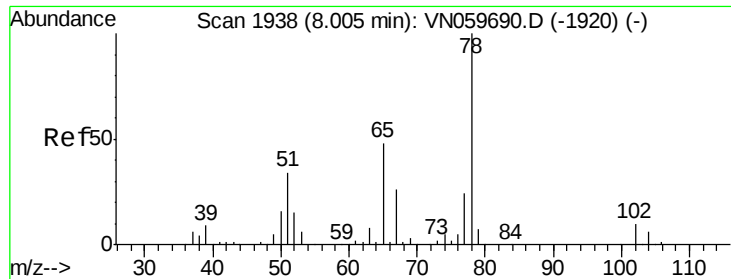
MMDadoda
1/27/2020 11:15:36 AM



#32
1,1,1-Trichloroethane
Concen: 19.359 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. 0.00 min
Lab File: VN059837.D
Acq: 24 Jan 2020 11:46

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.0	76.4
61	41.9	38.5	57.7





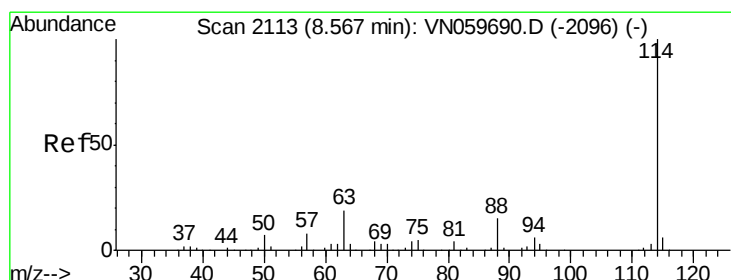
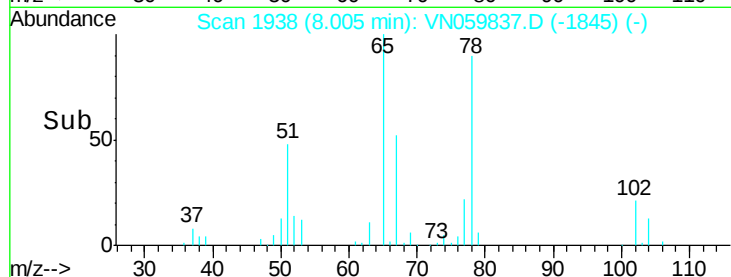
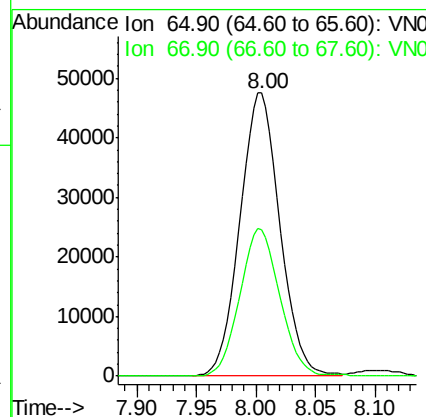
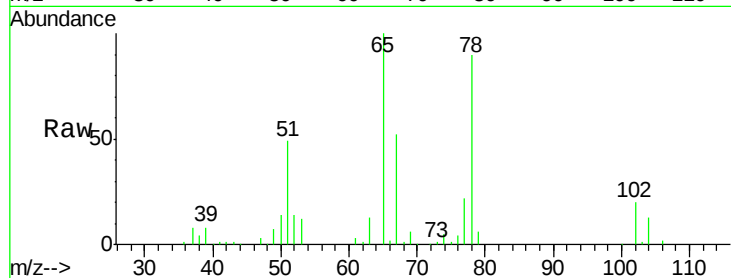
#33
 1,2-Dichloroethane-d4
 Concen: 49.523 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VN059837.D
 Acq: 24 Jan 2020 11:46

Instrument :
 MSVOA_N
 ClientSampled :
 VN0124MBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	52.1	0.0	103.0	

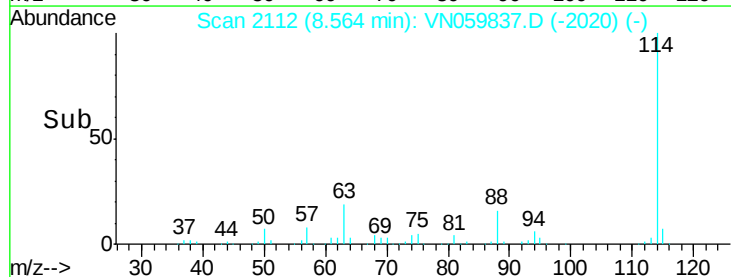
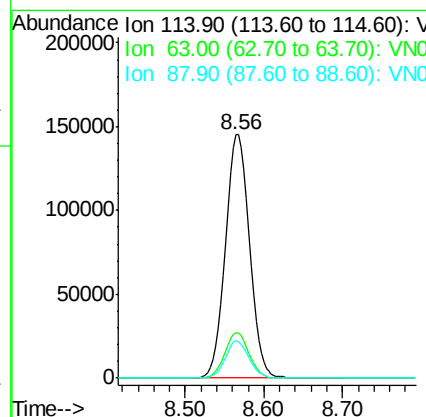
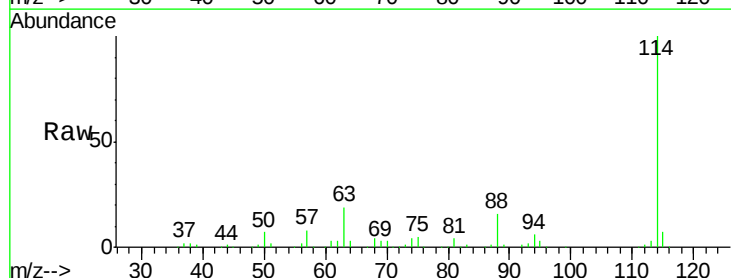
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN059837.D
 Acq: 24 Jan 2020 11:46

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	18.8	0.0	43.6	
88	15.5	0.0	31.4	





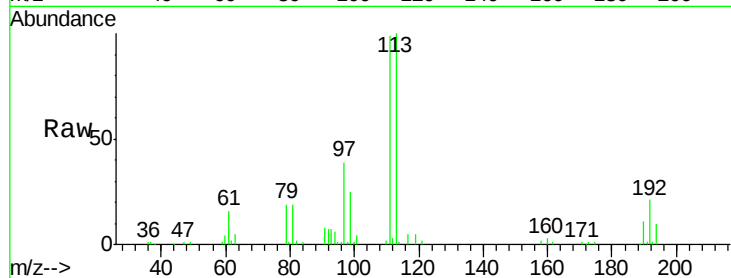
#35
 Dibromofluoromethane
 Concen: 50.857 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN059837.D
 Acq: 24 Jan 2020 11:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0124MBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.8	83.5	125.3
192	21.1	15.4	23.2

Manual Integrations
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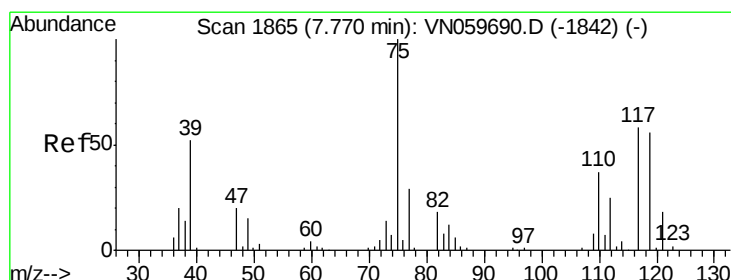
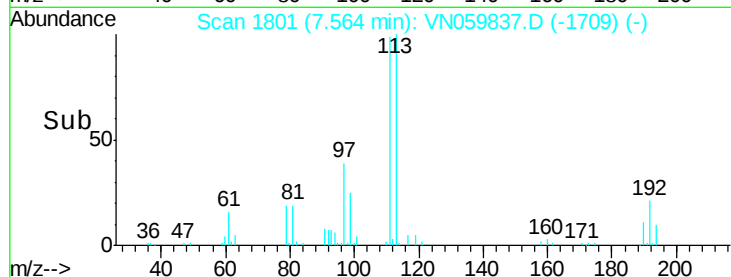
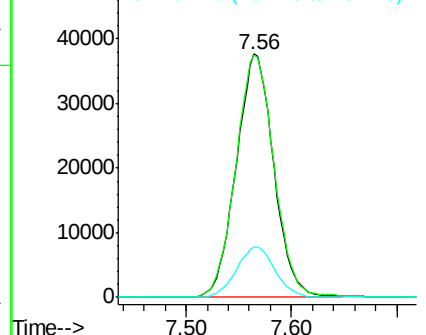


Abundance

Ion 112.80 (112.50 to 113.50): V

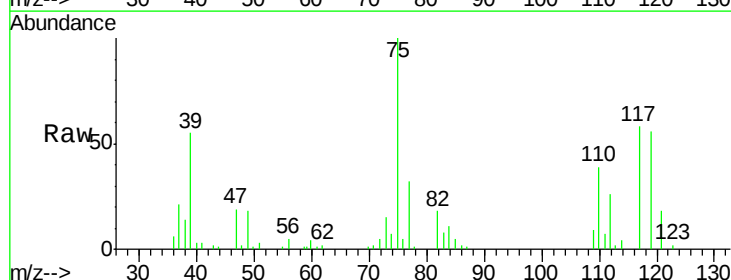
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 18.934 ug/l
 RT: 7.77 min Scan# 1865
 Delta R.T. 0.00 min
 Lab File: VN059837.D
 Acq: 24 Jan 2020 11:46

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.3	16.6	49.7
77	31.3	25.1	37.7

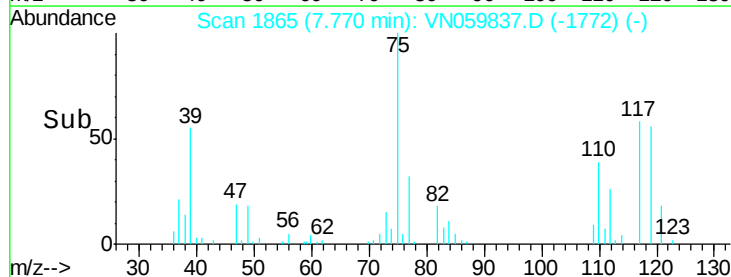
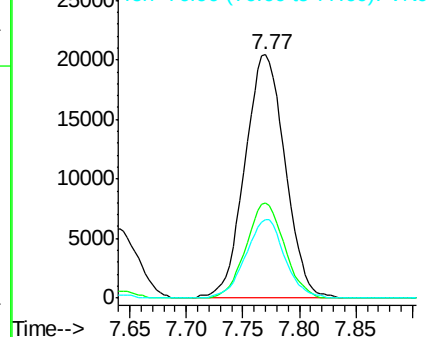


Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V





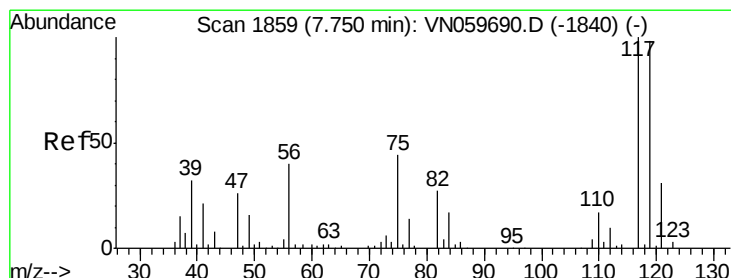
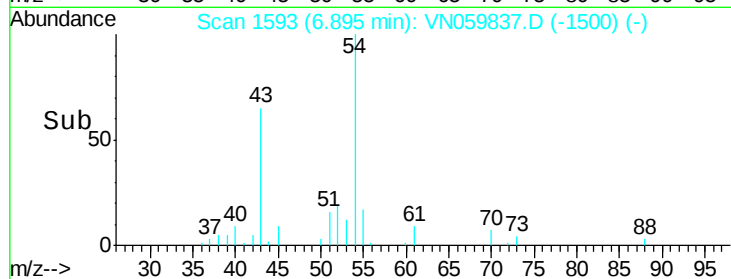
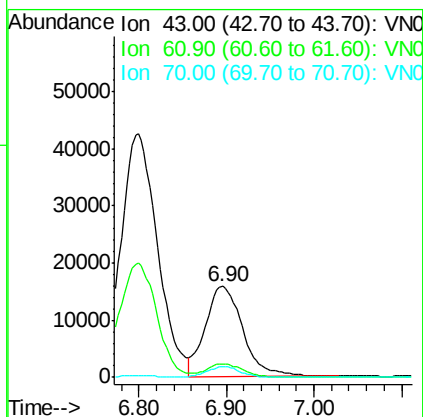
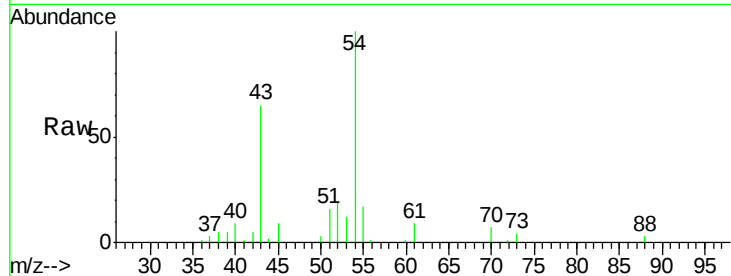
#37
Ethyl Acetate
Concen: 18.949 ug/l
RT: 6.90 min Scan# 1593
Delta R.T. 0.00 min
Lab File: VN059837.D
Acq: 24 Jan 2020 11:46

Instrument :
MSVOA_N
ClientSampled :
VN0124MBS01

Tot Ion: 43 Resp: 47464
Ion Ratio Lower Upper
43 100
61 14.2 10.9 16.3
70 10.5 7.7 11.5

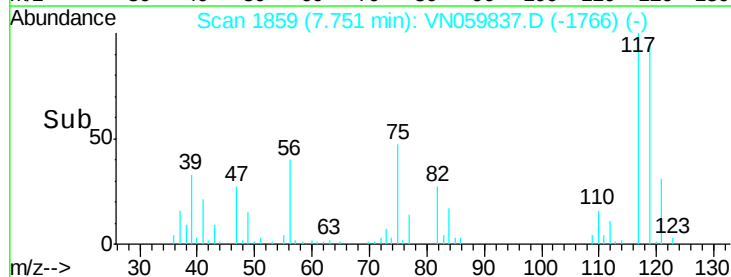
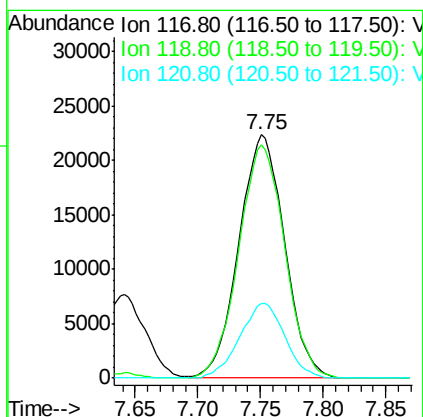
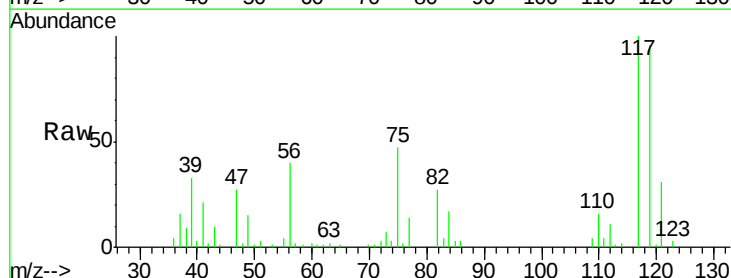
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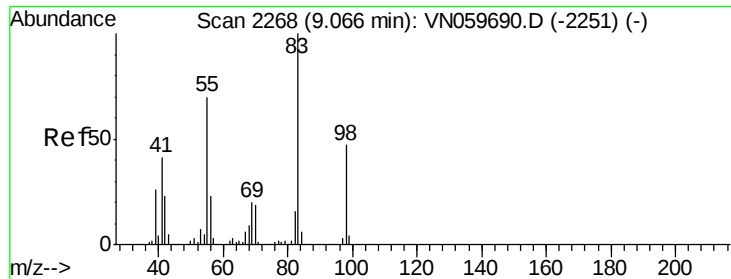
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#38
Carbon Tetrachloride
Concen: 19.503 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VN059837.D
Acq: 24 Jan 2020 11:46

Tgt Ion: 117 Resp: 56659
Ion Ratio Lower Upper
117 100
119 95.7 76.5 114.7
121 30.8 25.1 37.7





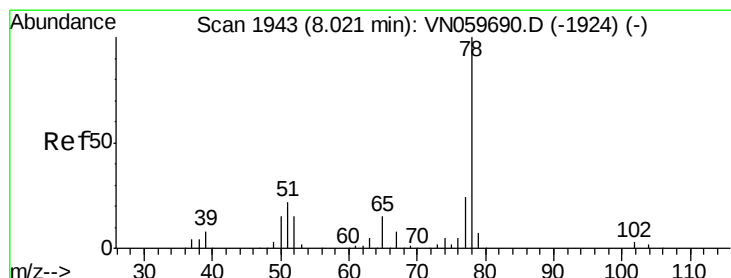
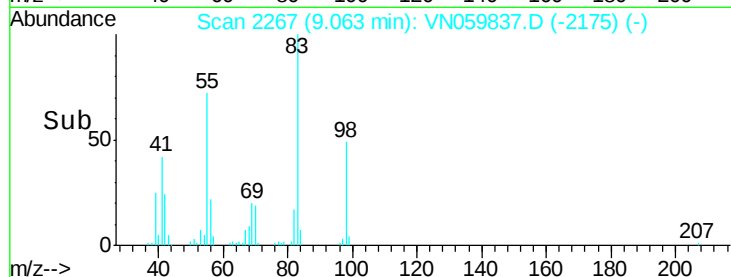
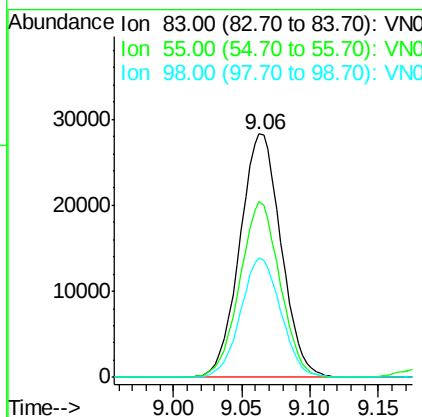
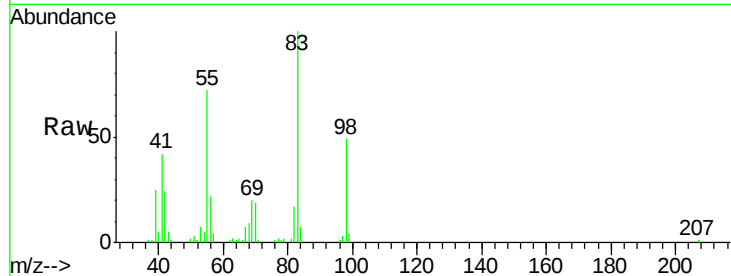
#39
Methvlcvclohexane
Concen: 18.053 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN059837.D
Acq: 24 Jan 2020 11:46

Instrument :
MSVOA_N
ClientSampleId :
VN0124MBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	72.1	64.2	96.2
98	48.8	35.9	53.9

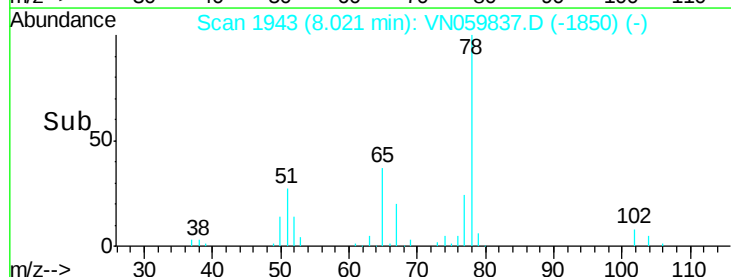
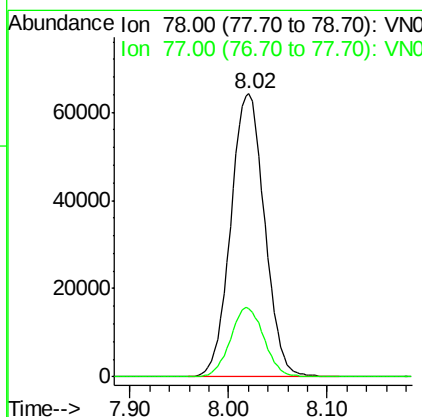
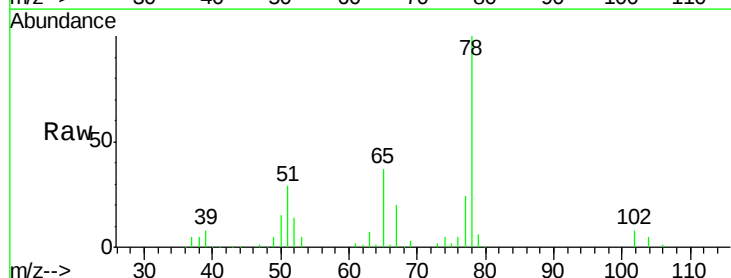
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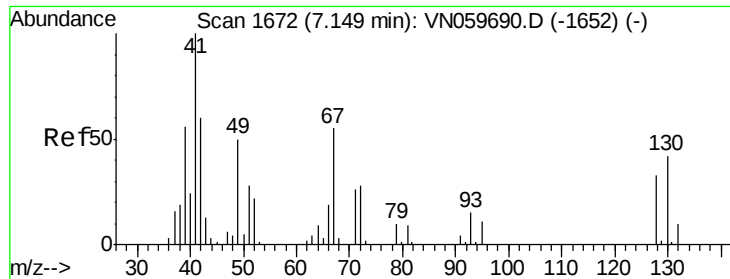
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#40
Benzene
Concen: 19.282 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN059837.D
Acq: 24 Jan 2020 11:46

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	18.9	28.3





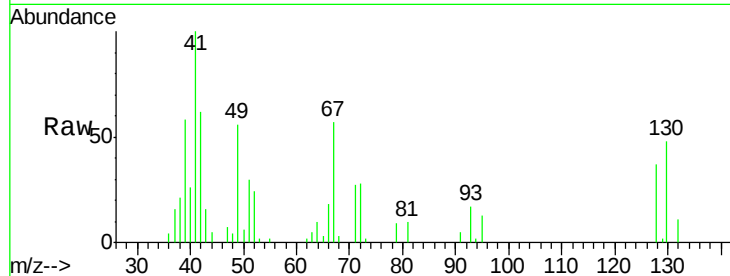
#41
Methacrylonitrile
Concen: 16.277 ug/l m
RT: 7.15 min Scan# 1672
Delta R.T. 0.00 min
Lab File: VN059837.D
Acq: 24 Jan 2020 11:46

Instrument :
MSVOA_N
ClientSampleId :
VN0124MBS01

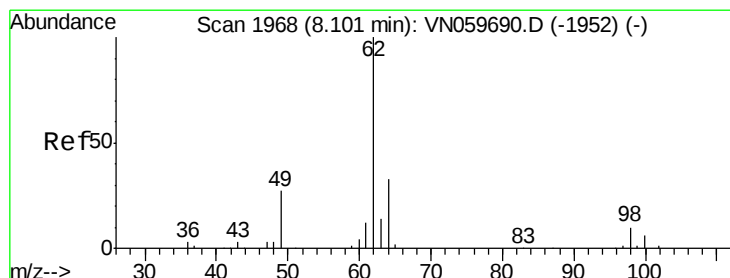
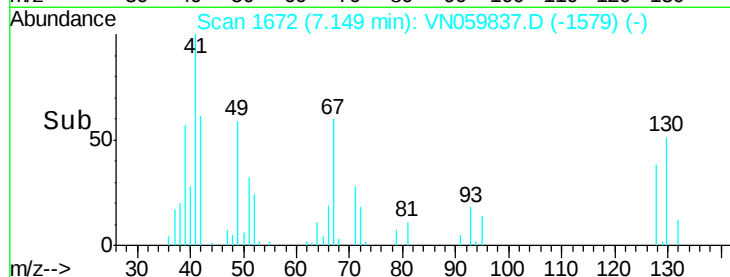
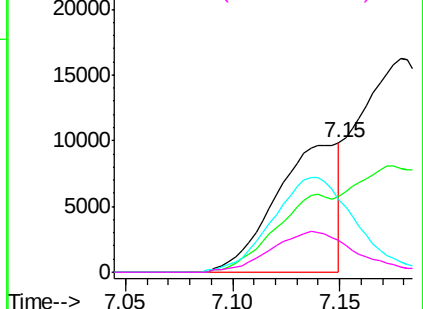
Tot Ion	41	Resp	20082
Ion Ratio	Lower	Upper	
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

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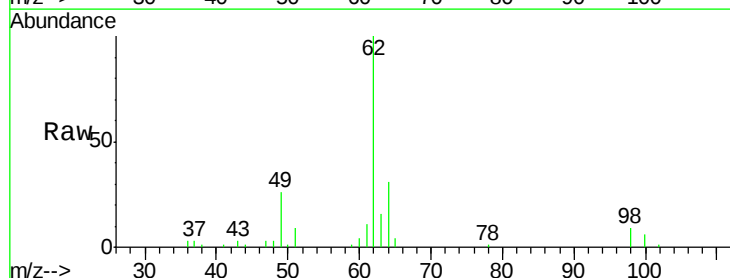


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

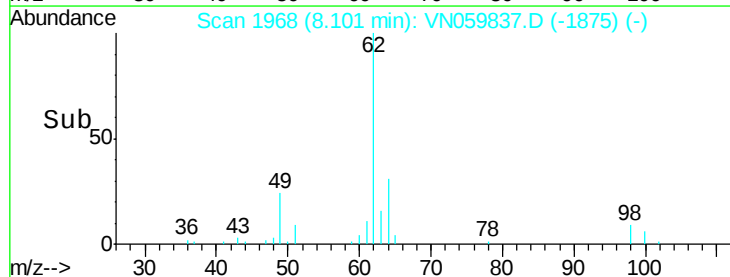
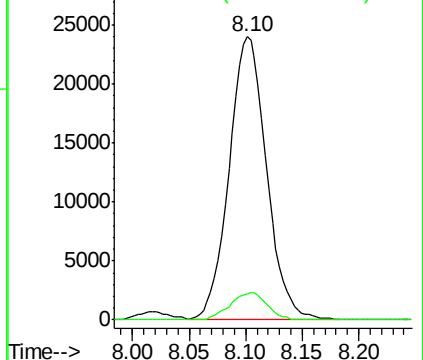


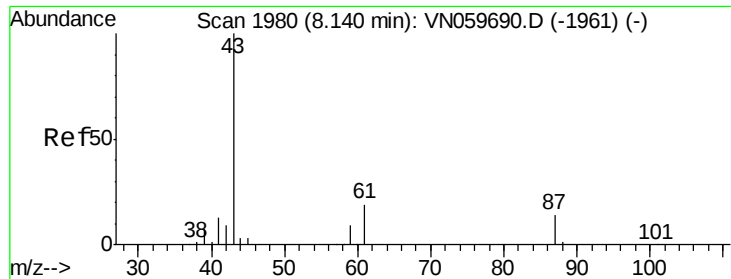
#42
1,2-Dichloroethane
Concen: 20.500 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. 0.00 min
Lab File: VN059837.D
Acq: 24 Jan 2020 11:46

Tgt Ion	62	Resp	55362
Ion Ratio	Lower	Upper	
62	100		
98	9.4	0.0	15.8



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





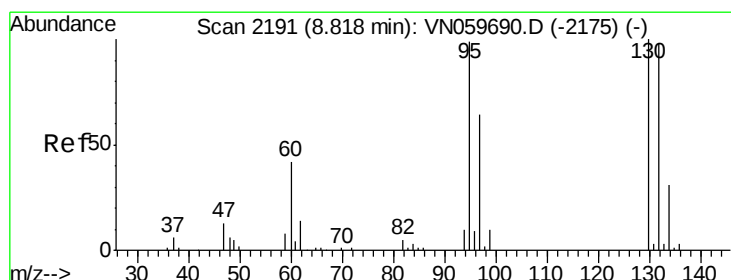
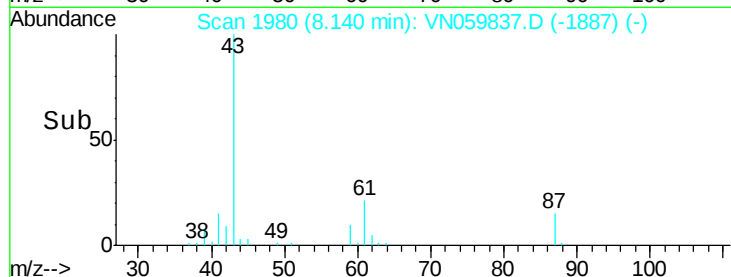
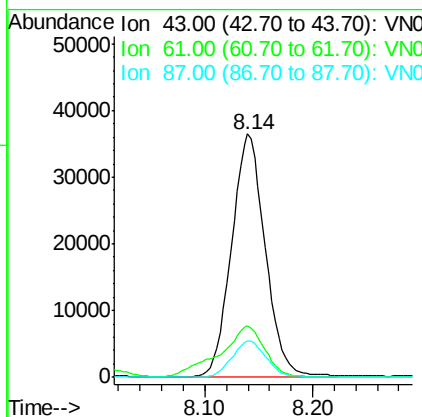
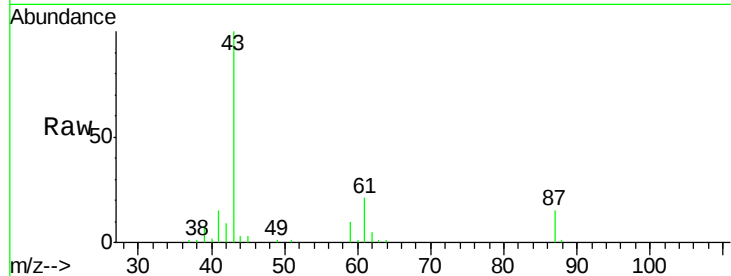
#43
Isopropyl Acetate
Concen: 18.491 ug/l
RT: 8.14 min Scan# 1980
Delta R.T. 0.00 min
Lab File: VN059837.D
Acq: 24 Jan 2020 11:46

Instrument :
MSVOA_N
ClientSampleId :
VN0124MBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	28.1	20.2	30.2
87	15.1	9.5	14.3

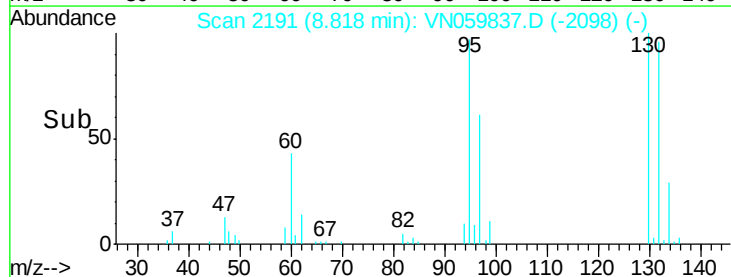
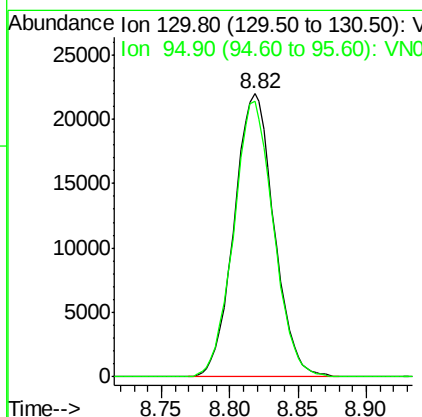
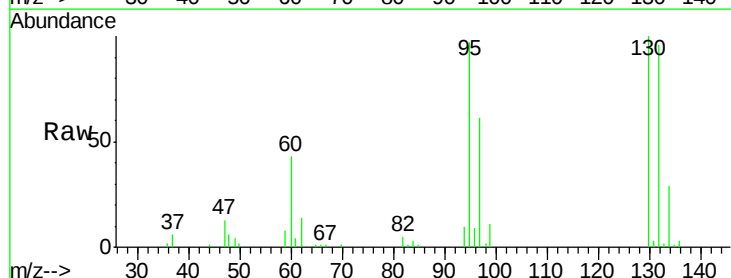
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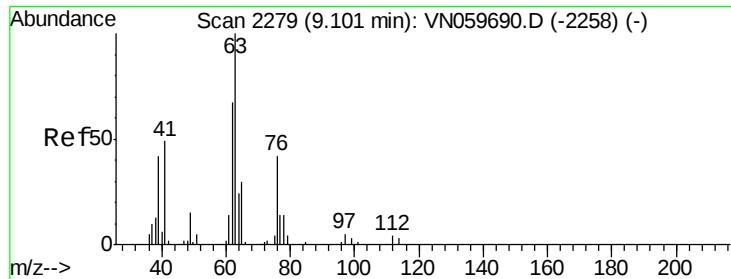
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1/27/2020 11:15:36 AM



#44
Trichloroethene
Concen: 20.498 ug/l
RT: 8.82 min Scan# 2191
Delta R.T. 0.00 min
Lab File: VN059837.D
Acq: 24 Jan 2020 11:46

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.4	0.0	207.0





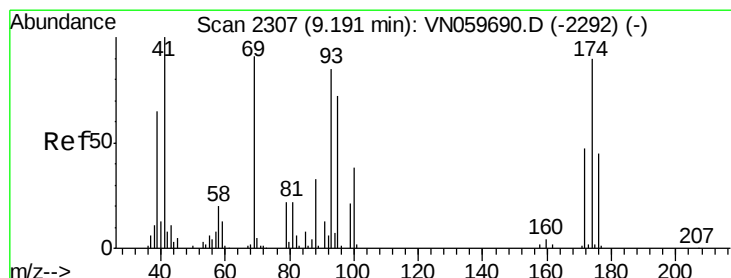
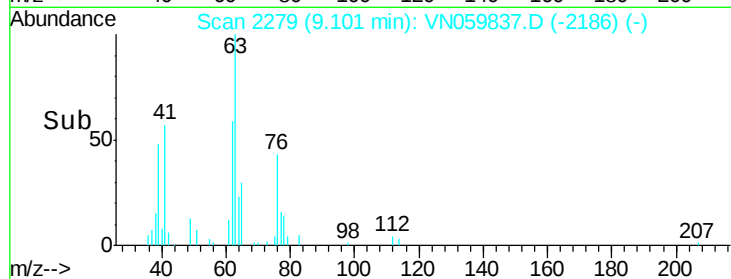
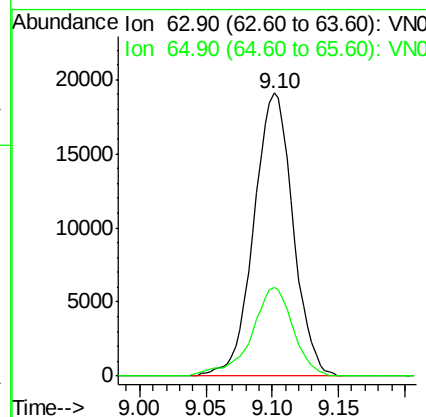
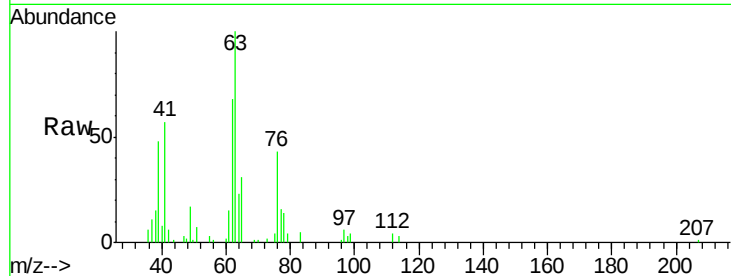
#45
 1,2-Dichloropropane
 Concen: 19.980 ug/l
 RT: 9.10 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: VN059837.D
 Acq: 24 Jan 2020 11:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0124MBS01

Tot Ion: 63 Resp: 39379
 Ion Ratio Lower Upper
 63 100
 65 31.5 24.9 37.3

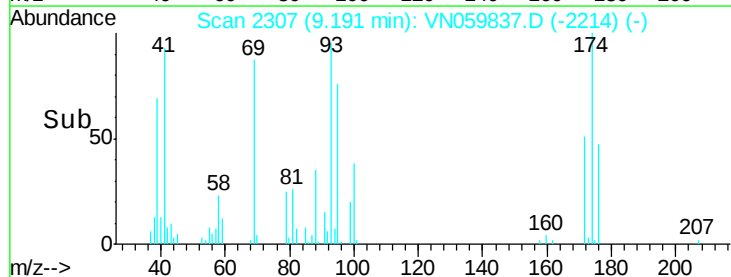
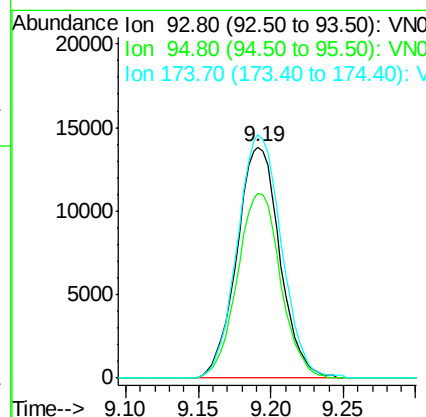
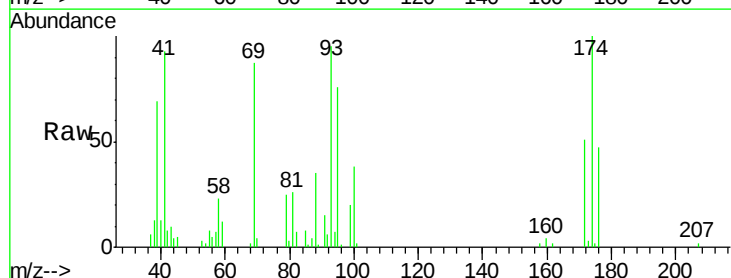
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#46
 Dibromomethane
 Concen: 20.525 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: VN059837.D
 Acq: 24 Jan 2020 11:46

Tgt Ion: 93 Resp: 28536
 Ion Ratio Lower Upper
 93 100
 95 80.2 67.0 100.6
 174 108.0 73.4 110.2





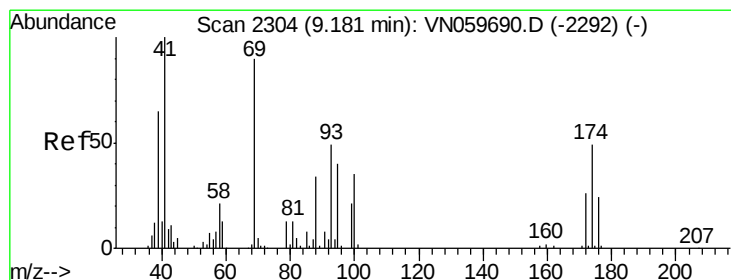
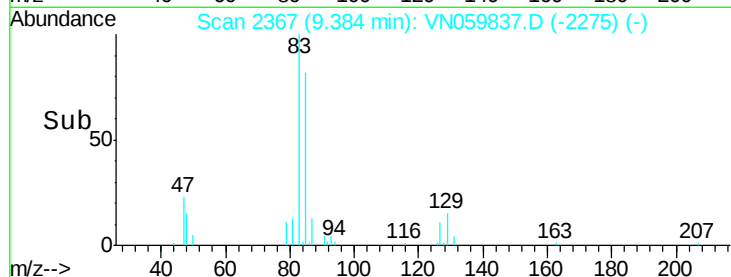
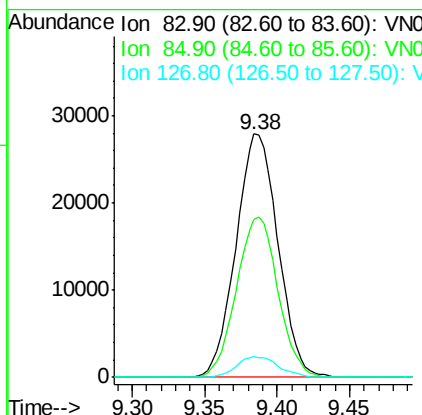
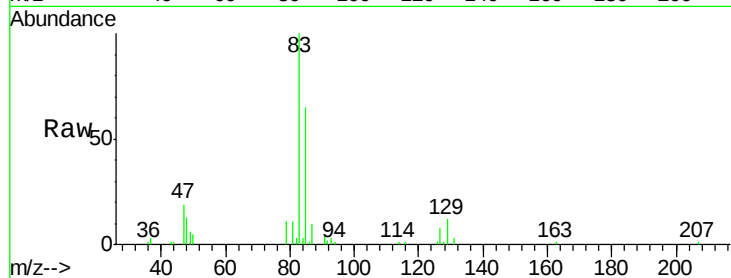
#47
Bromodichloromethane
Concen: 20.028 ug/l
RT: 9.38 min Scan# 2367
Delta R.T. -0.00 min
Lab File: VN059837.D
Acq: 24 Jan 2020 11:46

Instrument :
MSVOA_N
ClientSampleId :
VN0124MBS01

Tot Ion	83	Resp	56112
Ion Ratio	100	Lower	Upper
83	100		
85	65.0	51.1	76.7
127	8.5	6.6	9.8

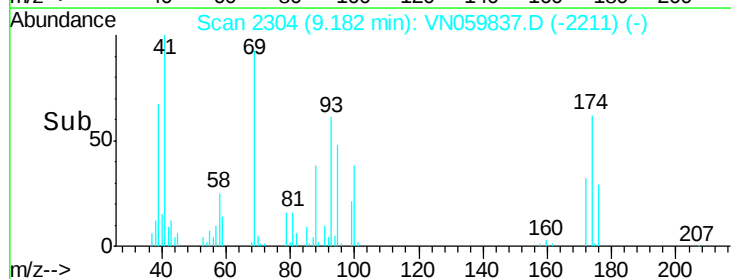
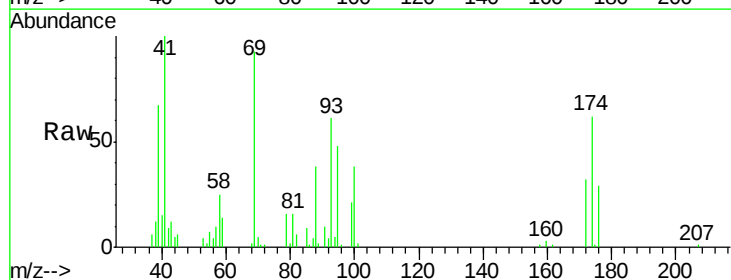
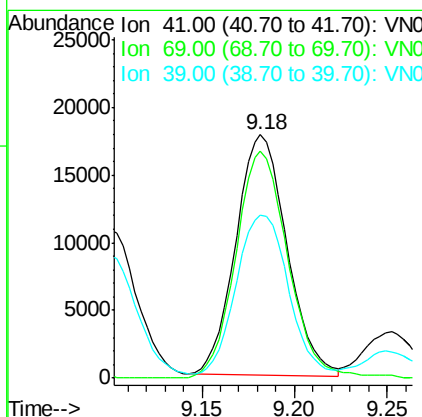
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#48
Methyl methacrylate
Concen: 17.758 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. 0.00 min
Lab File: VN059837.D
Acq: 24 Jan 2020 11:46

Tgt Ion	41	Resp	34223
Ion Ratio	100	Lower	Upper
41	100		
69	95.6	64.4	96.6
39	70.7	51.3	76.9





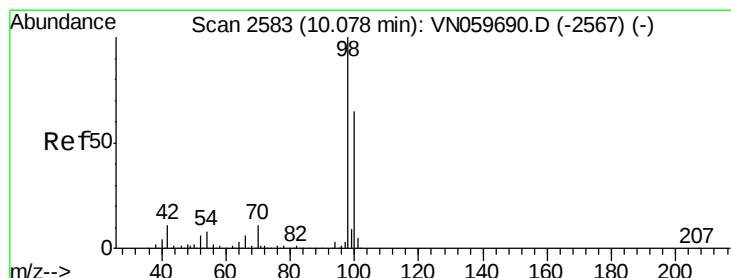
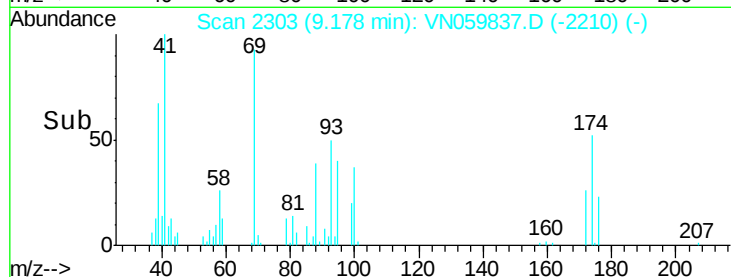
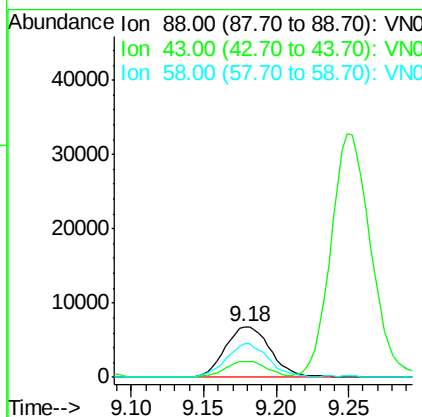
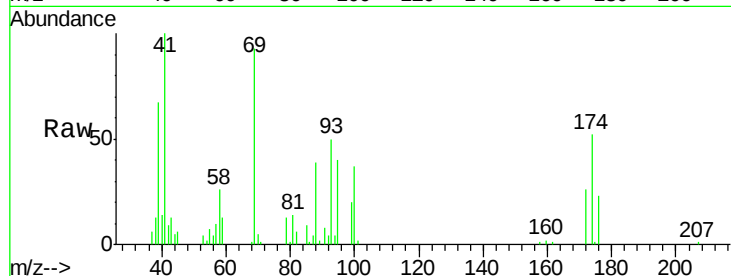
#49
1,4-Dioxane
Concen: 422.031 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. 0.00 min
Lab File: VN059837.D
Acq: 24 Jan 2020 11:46

Instrument :
MSVOA_N
ClientSampleId :
VN0124MBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.3	29.7	44.5#
58	61.9	56.6	85.0

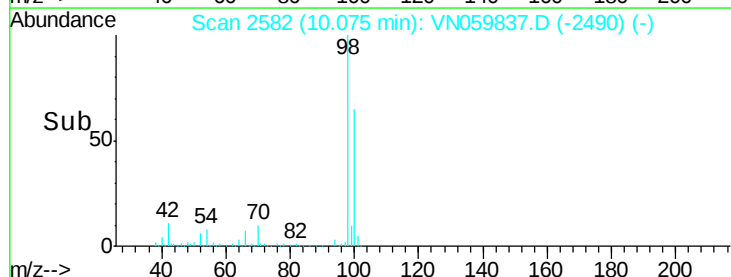
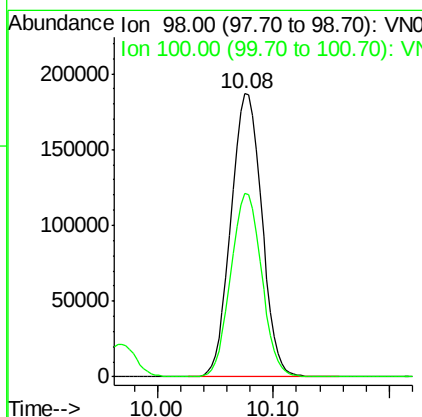
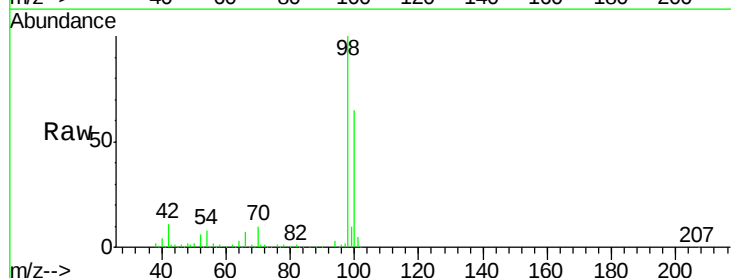
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#50
Toluene-d8
Concen: 48.724 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN059837.D
Acq: 24 Jan 2020 11:46

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.8	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 93.525 ug/l

RT: 9.97 min Scan# 2549

Delta R.T. 0.00 min

Lab File: VN059837.D

Acq: 24 Jan 2020 11:46

Instrument :

MSVOA_N

ClientSampled :

VN0124MBS01

Tot Ion: 43 Resp: 232931

Ion Ratio Lower Upper

43 100

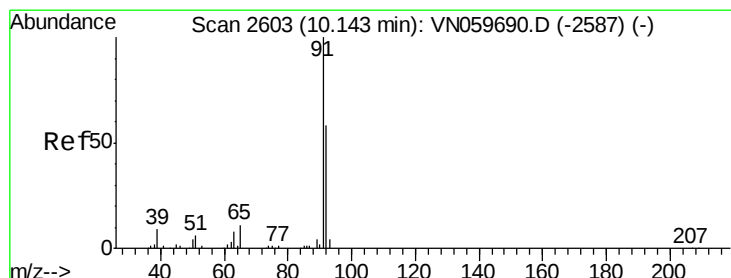
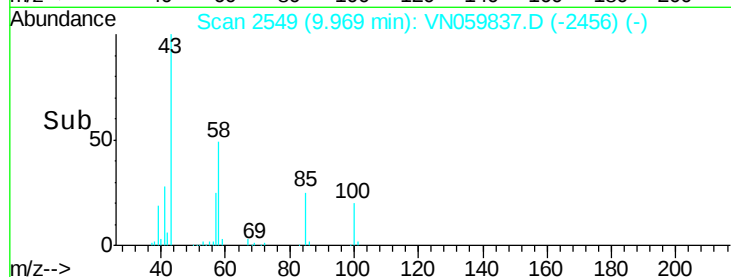
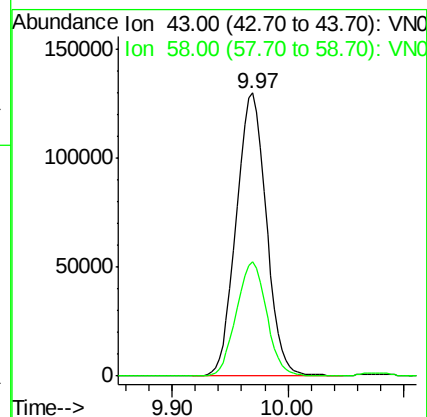
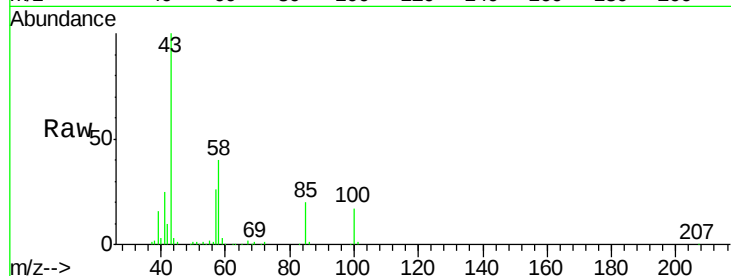
58 40.6 29.8 44.8

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1/27/2020 11:15:36 AM



#52

Toluene

Concen: 19.623 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. 0.00 min

Lab File: VN059837.D

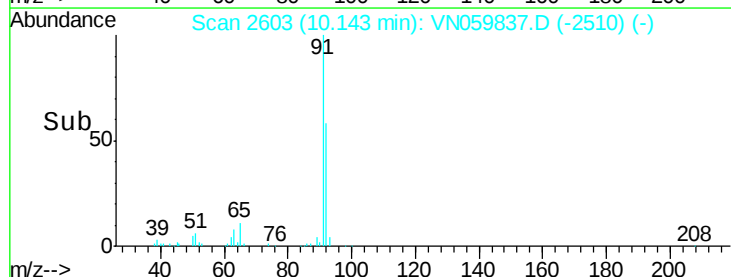
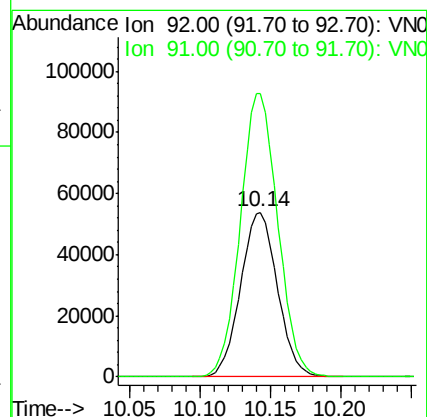
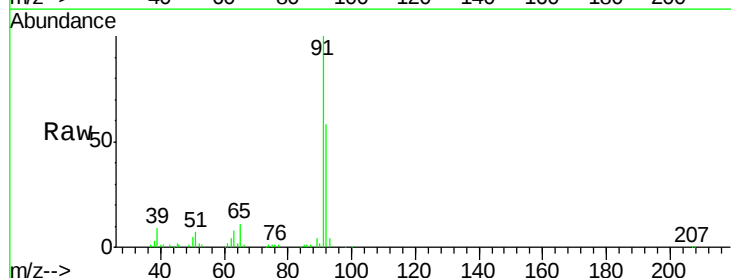
Acq: 24 Jan 2020 11:46

Tgt Ion: 92 Resp: 98722

Ion Ratio Lower Upper

92 100

91 174.4 140.4 210.6





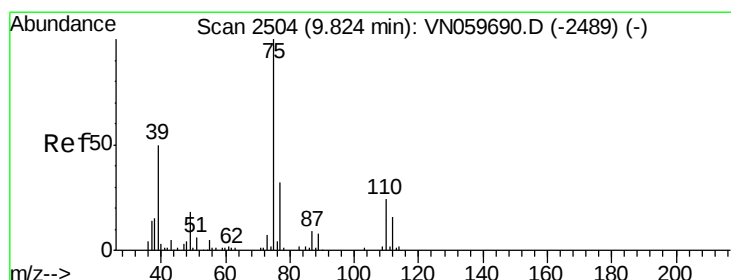
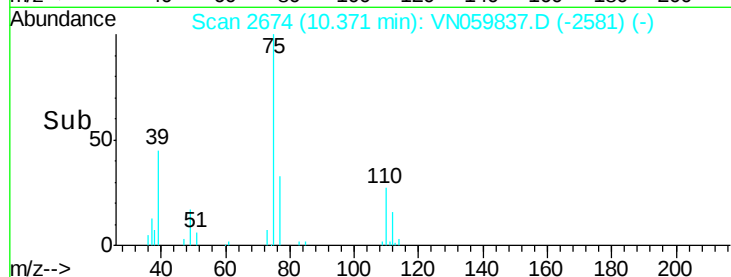
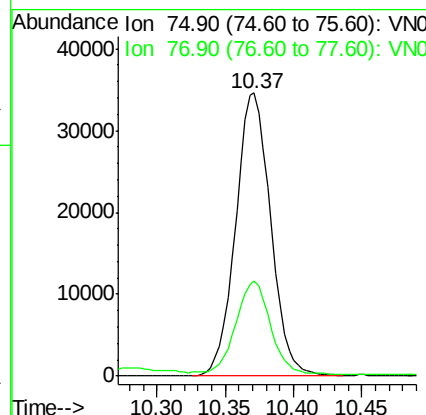
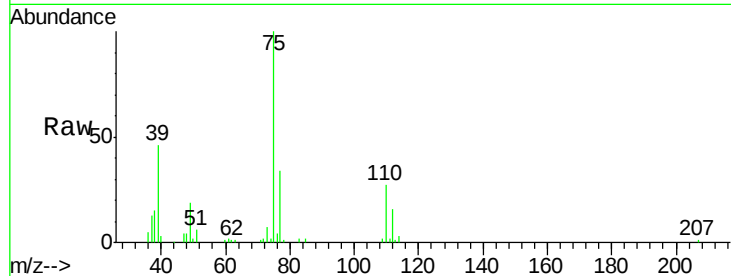
#53
t-1,3-Dichloropropene
Concen: 19.758 ug/l
RT: 10.37 min Scan# 2674
Delta R.T. 0.00 min
Lab File: VN059837.D
Acq: 24 Jan 2020 11:46

Instrument :
MSVOA_N
ClientSampleId :
VN0124MBS01

Tot Ion: 75 Resp: 61810
Ion Ratio Lower Upper
75 100
77 32.9 25.4 38.2

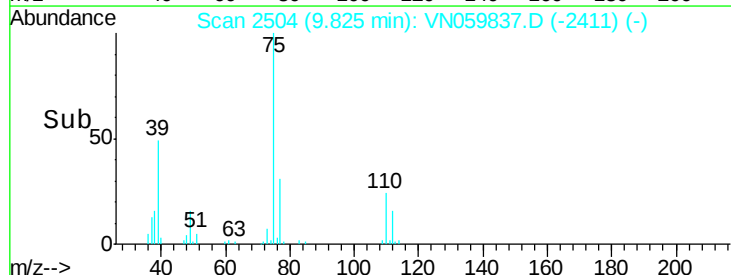
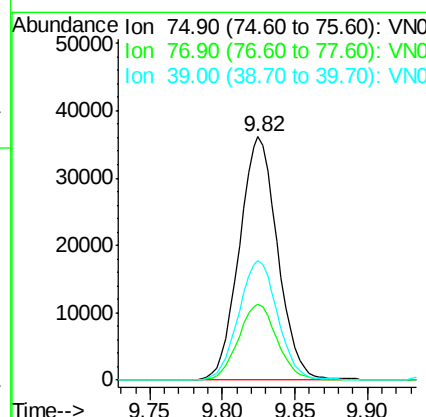
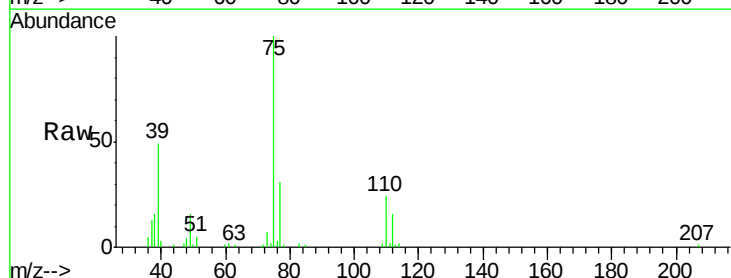
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#54
cis-1,3-Dichloropropene
Concen: 20.138 ug/l
RT: 9.82 min Scan# 2504
Delta R.T. 0.00 min
Lab File: VN059837.D
Acq: 24 Jan 2020 11:46

Tgt Ion: 75 Resp: 66287
Ion Ratio Lower Upper
75 100
77 31.2 25.1 37.7
39 49.2 46.1 69.1





#55

1,1,2-Trichloroethane

Concen: 20.079 ug/l

RT: 10.55 min Scan# 2730

Delta R.T. 0.00 min

Lab File: VN059837.D

Acq: 24 Jan 2020 11:46

Instrument :

MSVOA_N

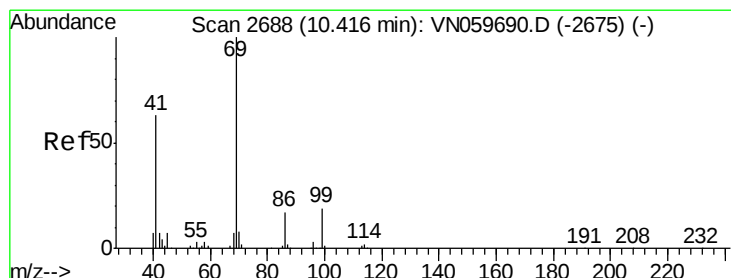
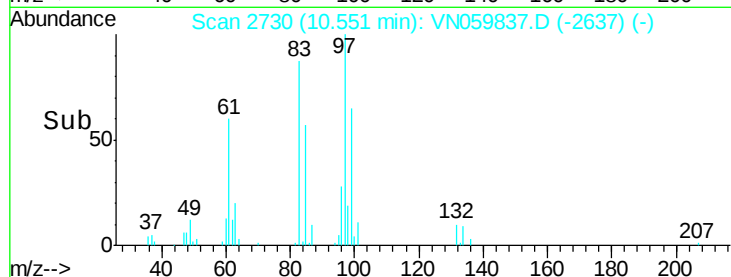
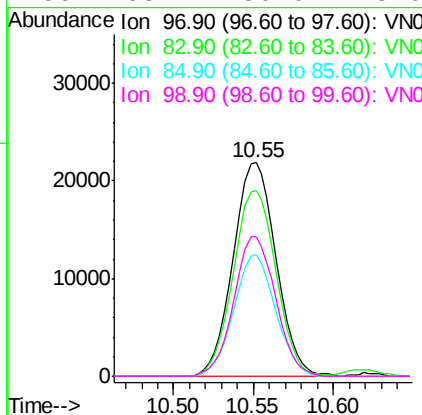
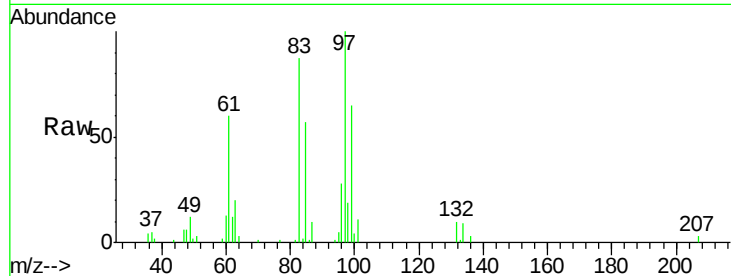
ClientSampleId :

VN0124MBS01

Tot Ion:	97	Resp:	40009
Ion	Ratio	Lower	Upper
97	100		
83	86.8	71.3	106.9
85	56.8	45.8	68.8
99	65.2	50.0	75.0

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#56

Ethyl methacrylate

Concen: 18.583 ug/l

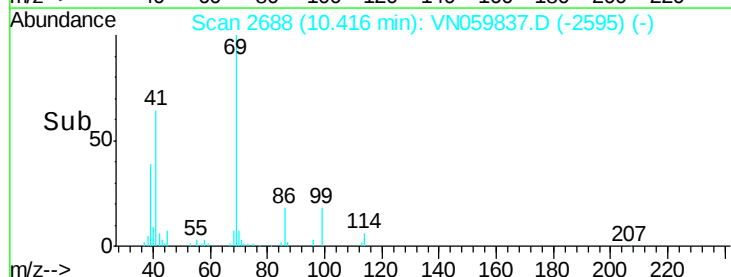
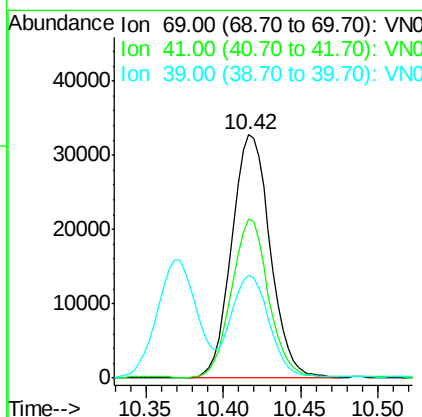
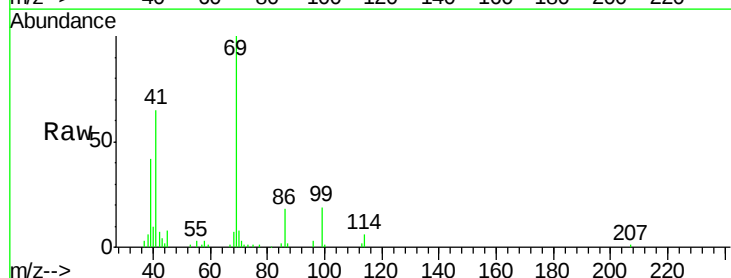
RT: 10.42 min Scan# 2688

Delta R.T. 0.00 min

Lab File: VN059837.D

Acq: 24 Jan 2020 11:46

Tgt Ion:	69	Resp:	56579
Ion	Ratio	Lower	Upper
69	100		
41	63.3	57.1	85.7
39	42.0	34.7	52.1





#57

1,3-Dichloropropane

Concen: 20.278 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. 0.00 min

Lab File: VN059837.D

Acq: 24 Jan 2020 11:46

Instrument :

MSVOA_N

ClientSampleId :

VN0124MBS01

Tot Ion: 76 Resp: 64149

Ion Ratio Lower Upper

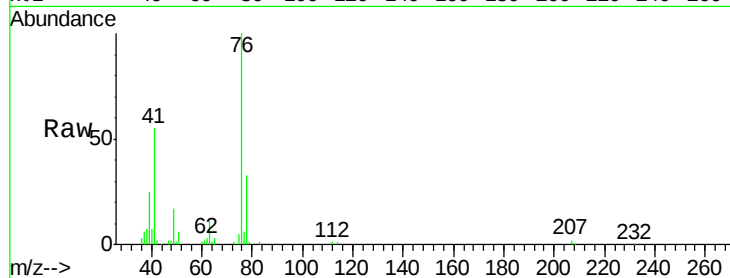
76 100

78 32.6 25.8 38.8

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1/27/2020 11:15:36 AM



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.70

40000

30000

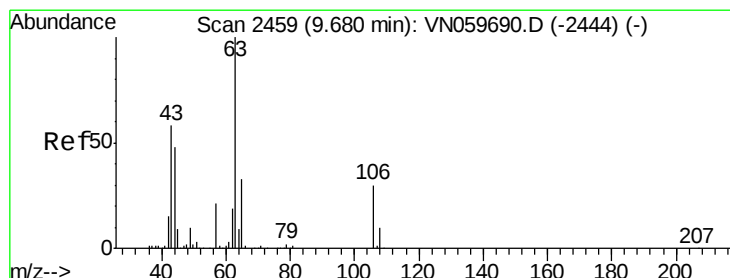
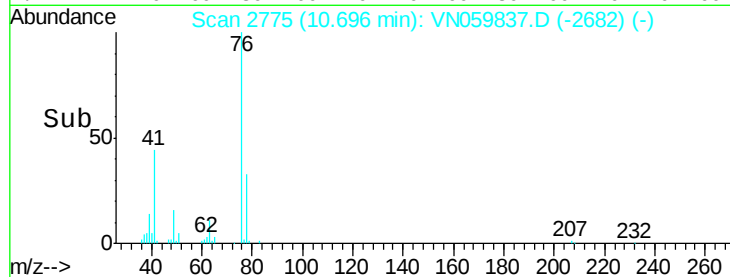
20000

10000

0

Time-->

10.65 10.70 10.75



#58

2-Chloroethyl Vinyl ether

Concen: 103.858 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. 0.00 min

Lab File: VN059837.D

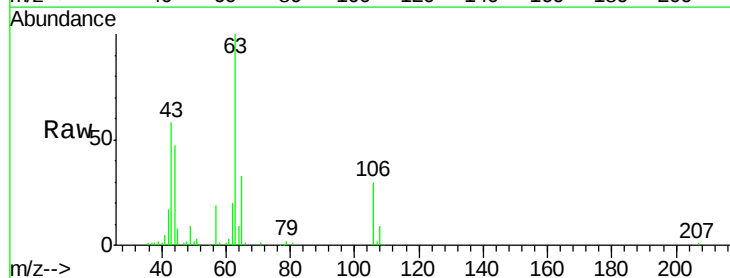
Acq: 24 Jan 2020 11:46

Tgt Ion: 63 Resp: 95244

Ion Ratio Lower Upper

63 100

106 30.0 20.2 30.2



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.68

60000

50000

40000

30000

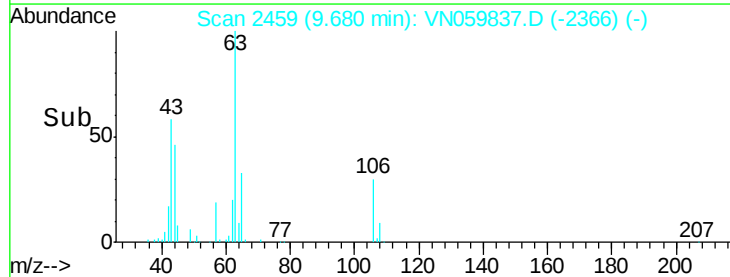
20000

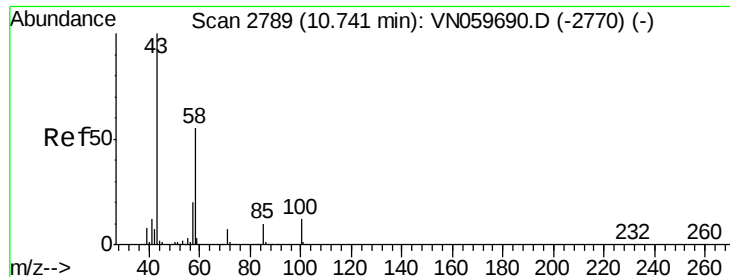
10000

0

Time-->

9.60 9.65 9.70 9.75 9.80





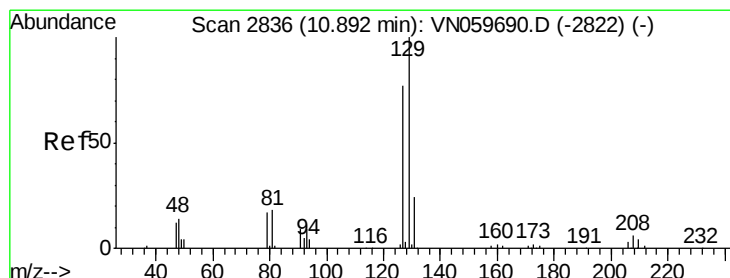
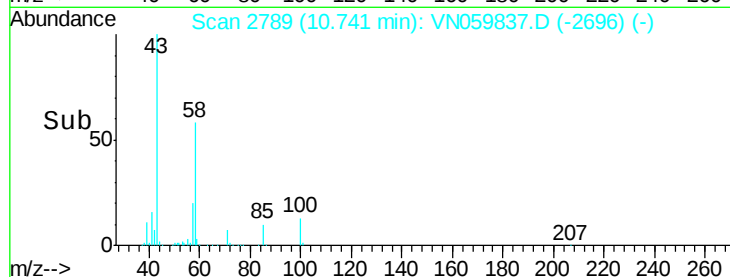
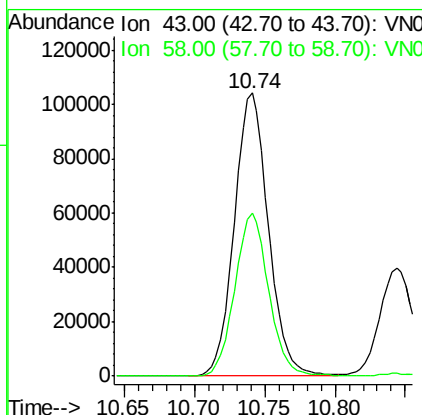
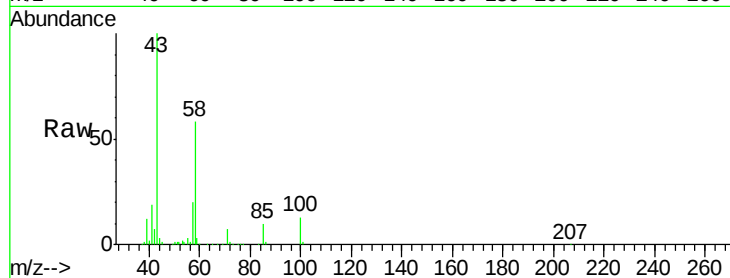
#59
2-Hexanone
Concen: 95.991 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. 0.00 min
Lab File: VN059837.D
Acq: 24 Jan 2020 11:46

Instrument :
MSVOA_N
ClientSampleId :
VN0124MBS01

Tot Ion: 43 Resp: 176127
Ion Ratio Lower Upper
43 100
58 57.5 25.8 77.3

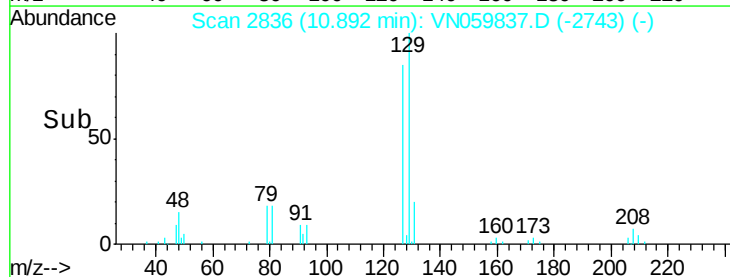
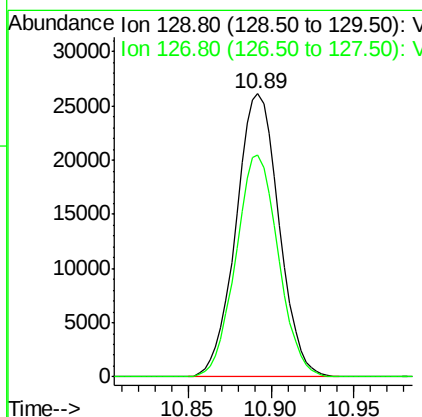
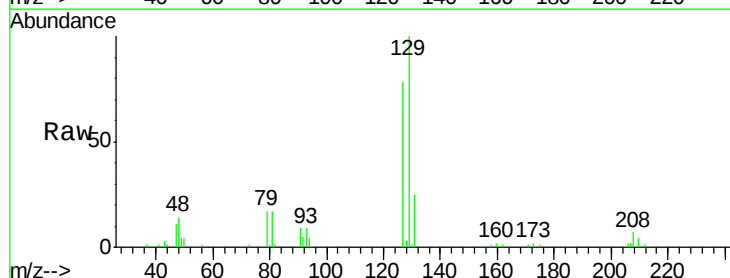
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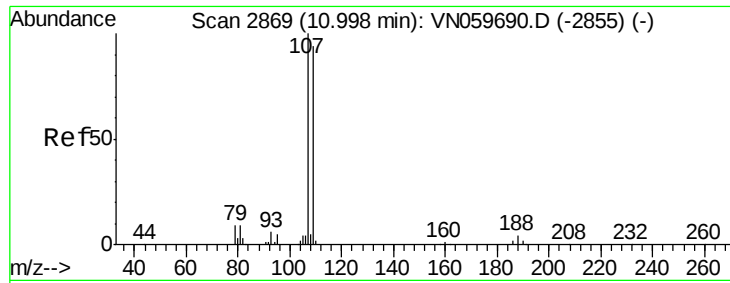
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#60
Dibromochloromethane
Concen: 20.739 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. 0.00 min
Lab File: VN059837.D
Acq: 24 Jan 2020 11:46

Tgt Ion: 129 Resp: 47057
Ion Ratio Lower Upper
129 100
127 77.4 38.5 115.5





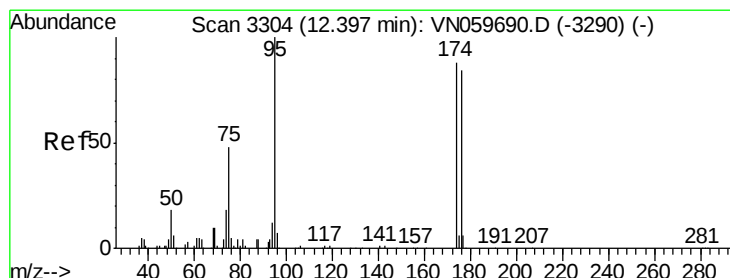
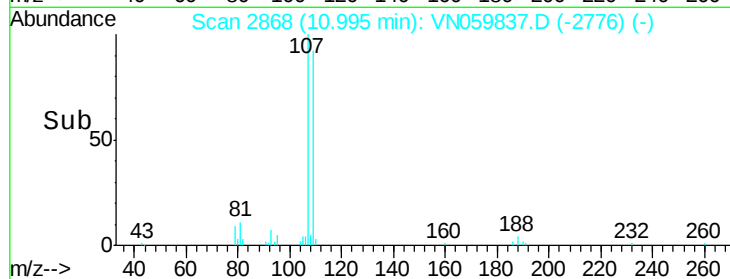
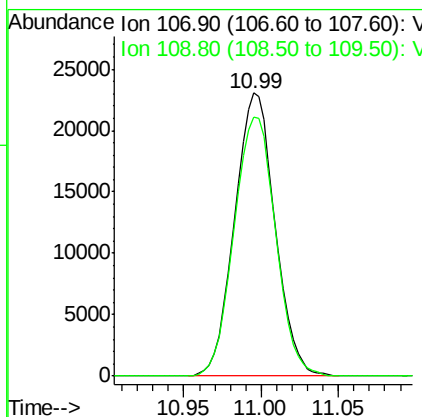
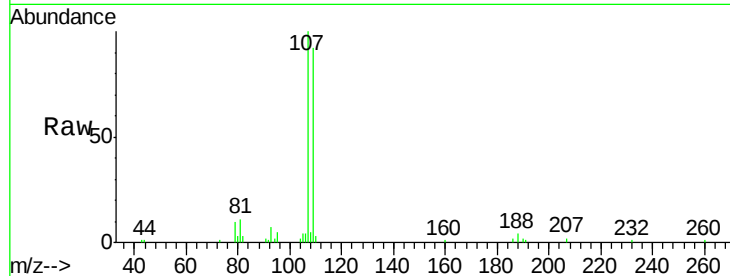
#61
 1,2-Dibromoethane
 Concen: 19.996 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. -0.00 min
 Lab File: VN059837.D
 Acq: 24 Jan 2020 11:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0124MBS01

Tot Ion: 107 Resp: 41761
 Ion Ratio Lower Upper
 107 100
 109 94.4 76.6 115.0

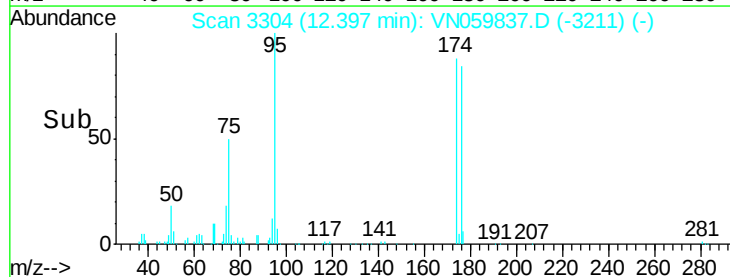
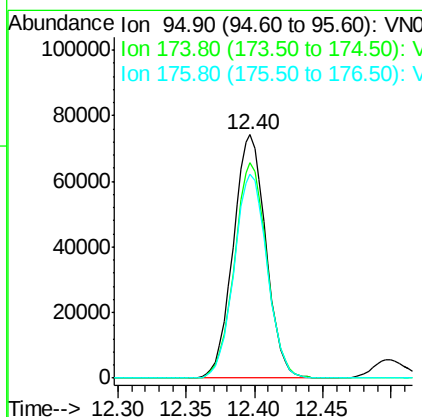
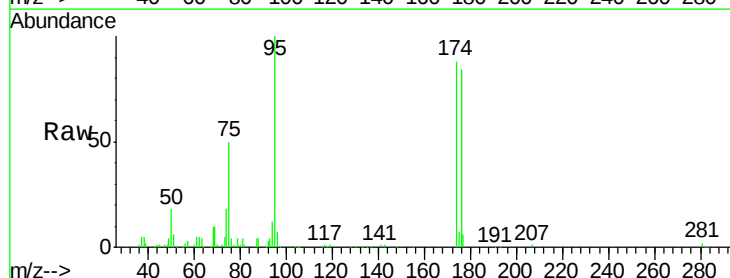
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#62
 4-Bromofluorobenzene
 Concen: 48.207 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. 0.00 min
 Lab File: VN059837.D
 Acq: 24 Jan 2020 11:46

Tgt Ion: 95 Resp: 123144
 Ion Ratio Lower Upper
 95 100
 174 87.9 0.0 151.4
 176 84.8 0.0 146.0





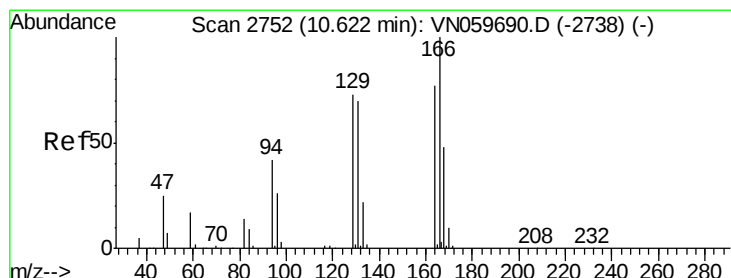
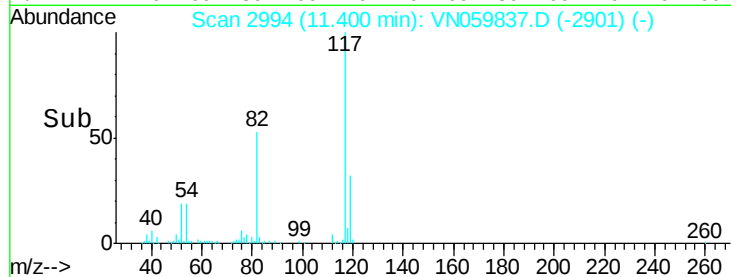
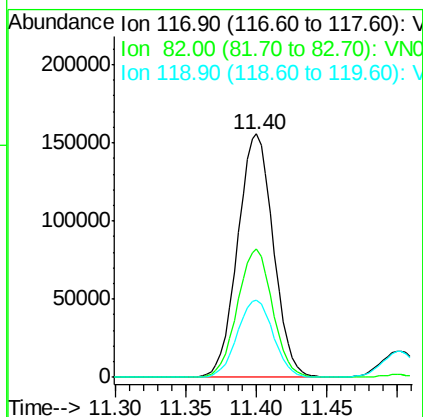
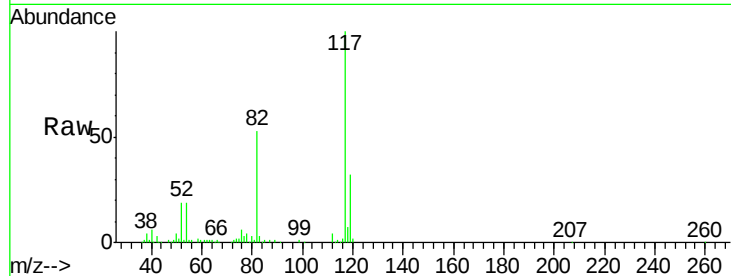
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059837.D
Acq: 24 Jan 2020 11:46

Instrument :
MSVOA_N
ClientSampleId :
VN0124MBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	275540		
82	52.6		45.9	68.9
119	31.7		25.5	38.3

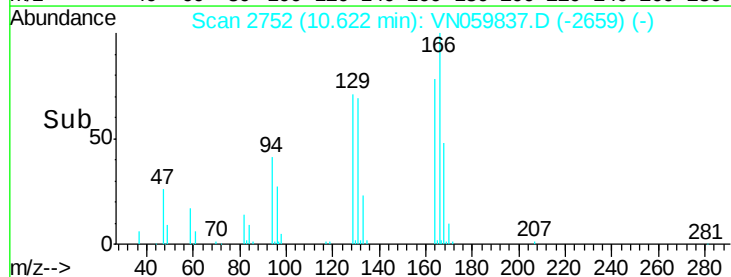
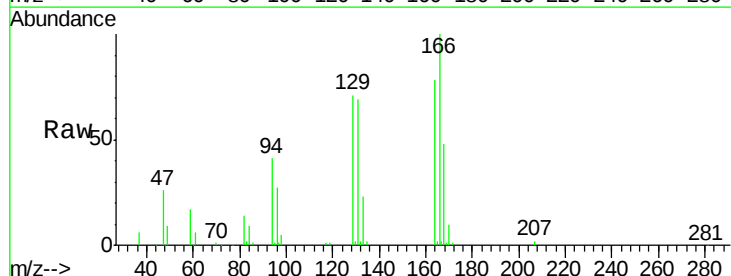
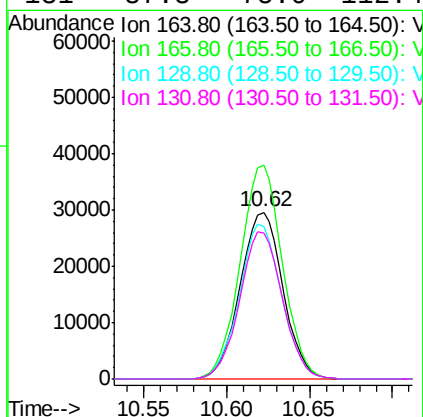
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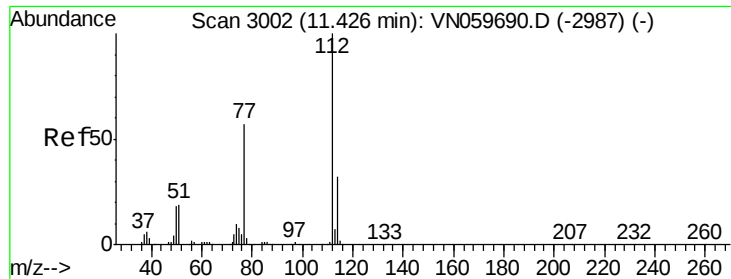
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#64
Tetrachloroethene
Concen: 23.682 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. 0.00 min
Lab File: VN059837.D
Acq: 24 Jan 2020 11:46

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	53183		
166	128.1		101.4	152.0
129	91.3		80.2	120.4
131	87.8		75.0	112.4





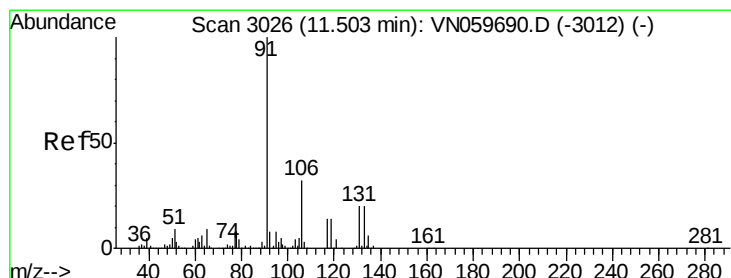
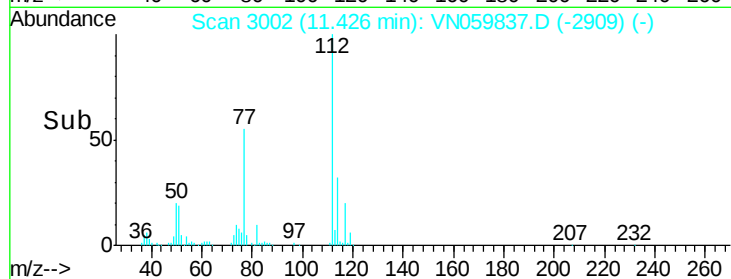
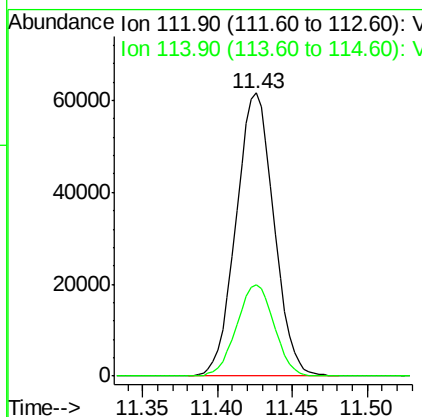
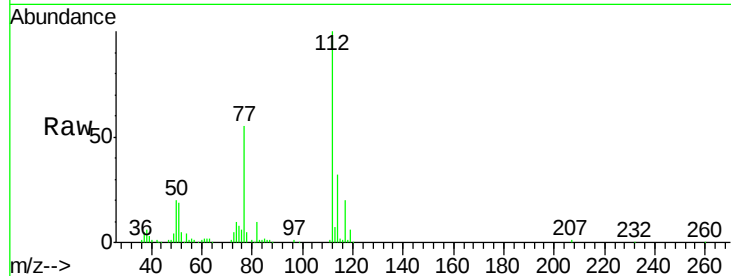
#65
Chlorobenzene
Concen: 20.000 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. 0.00 min
Lab File: VN059837.D
Acq: 24 Jan 2020 11:46

Instrument :
MSVOA_N
ClientSampled :
VN0124MBS01

Tot Ion:112 Resp: 108319
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.8

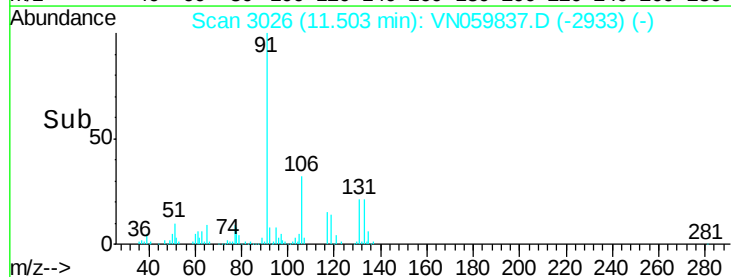
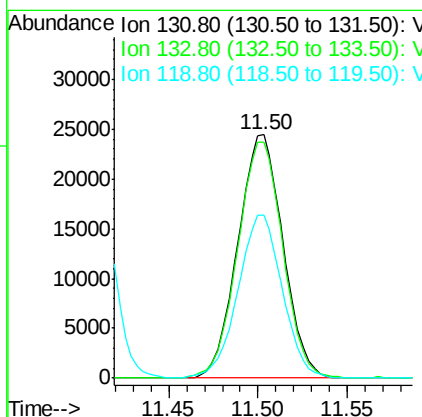
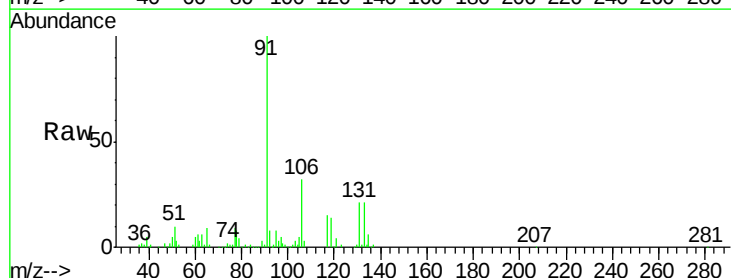
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.590 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. 0.00 min
Lab File: VN059837.D
Acq: 24 Jan 2020 11:46

Tgt Ion:131 Resp: 43089
Ion Ratio Lower Upper
131 100
133 97.5 47.4 142.2
119 66.0 33.1 99.3





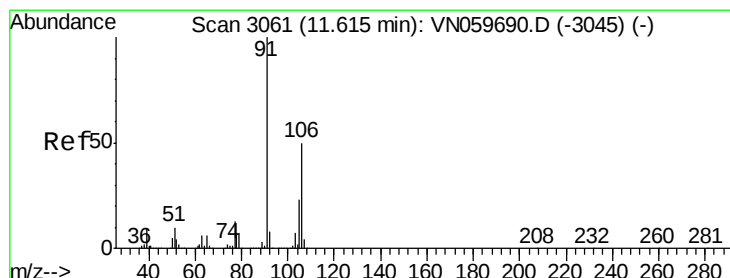
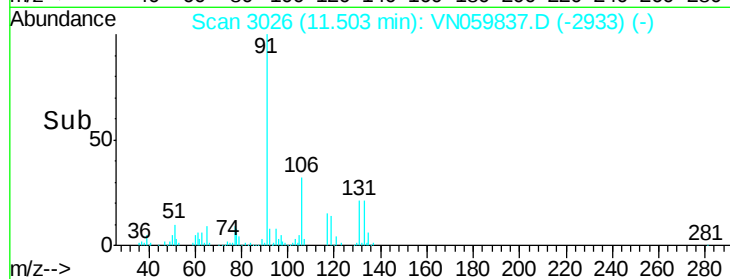
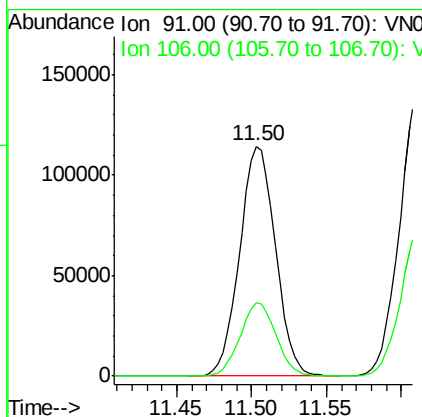
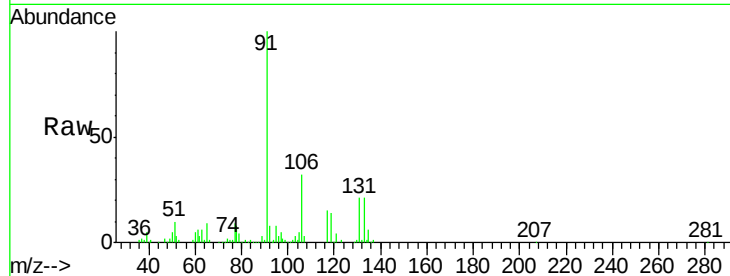
#67
Ethyl Benzene
Concen: 19.464 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. 0.00 min
Lab File: VN059837.D
Acq: 24 Jan 2020 11:46

Instrument :
MSVOA_N
ClientSampleId :
VN0124MBS01

Tot Ion: 91 Resp: 191357
Ion Ratio Lower Upper
91 100
106 31.8 24.1 36.1

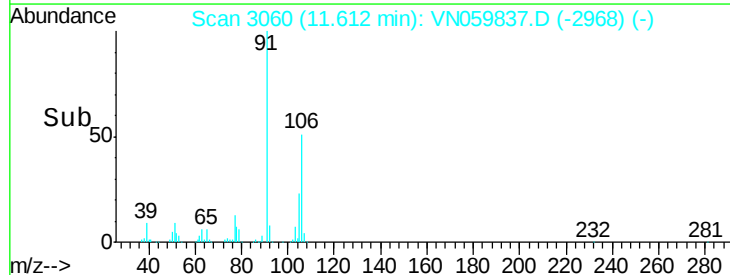
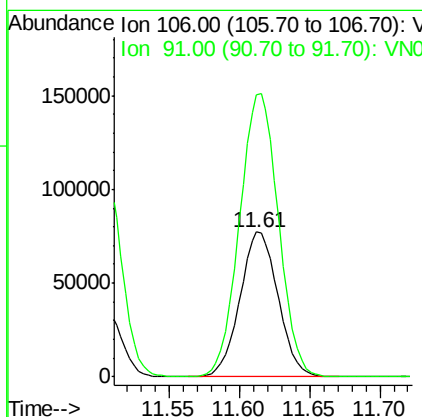
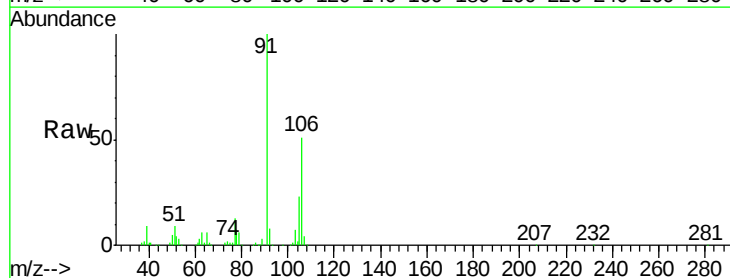
Manual Integrations
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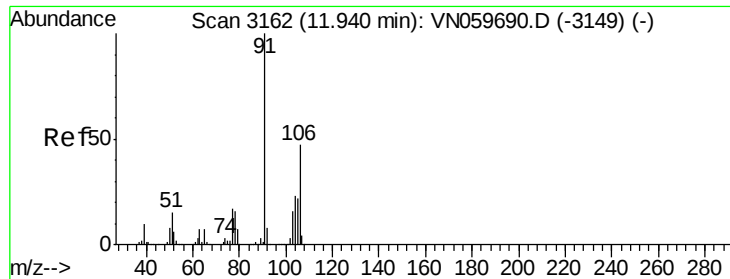
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#68
m/p-Xylenes
Concen: 39.410 ug/l
RT: 11.61 min Scan# 3060
Delta R.T. -0.00 min
Lab File: VN059837.D
Acq: 24 Jan 2020 11:46

Tgt Ion: 106 Resp: 146359
Ion Ratio Lower Upper
106 100
91 198.1 167.9 251.9





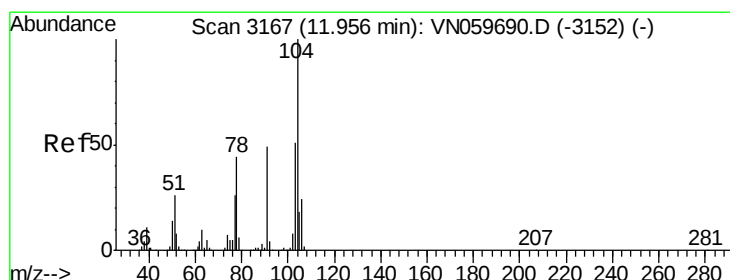
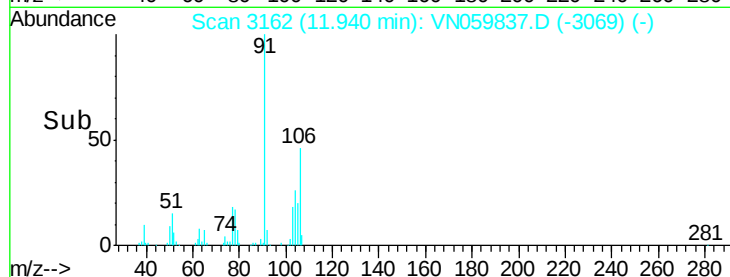
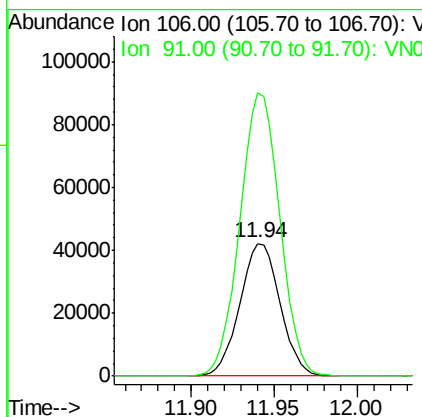
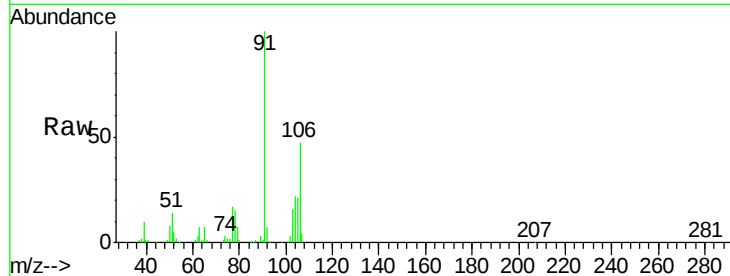
#69
o-Xylene
Concen: 19.469 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN059837.D
Acq: 24 Jan 2020 11:46

Instrument :
MSVOA_N
ClientSampled :
VN0124MBS01

Tot Ion:106 Resp: 70787
Ion Ratio Lower Upper
106 100
91 213.5 110.3 330.9

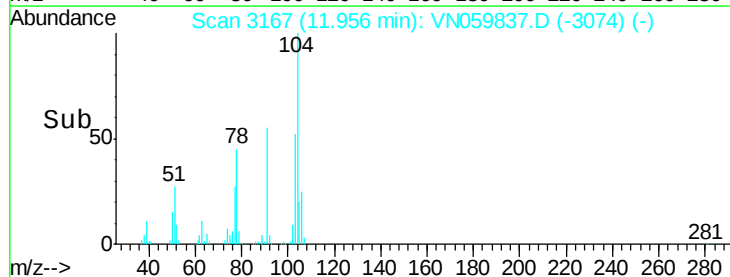
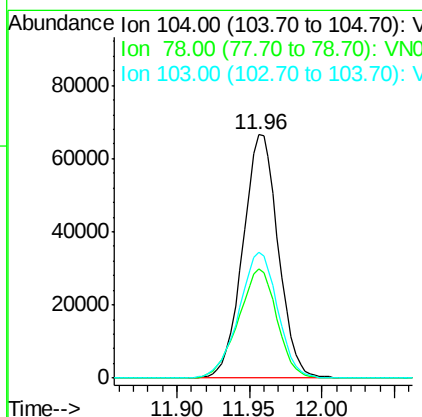
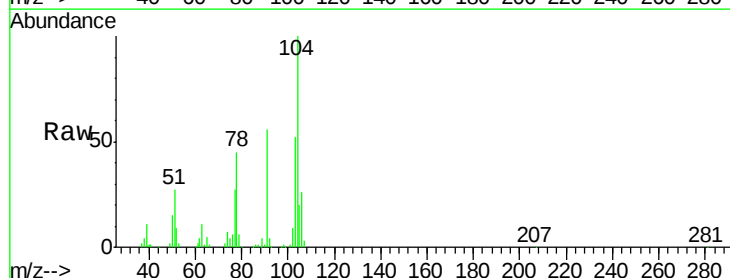
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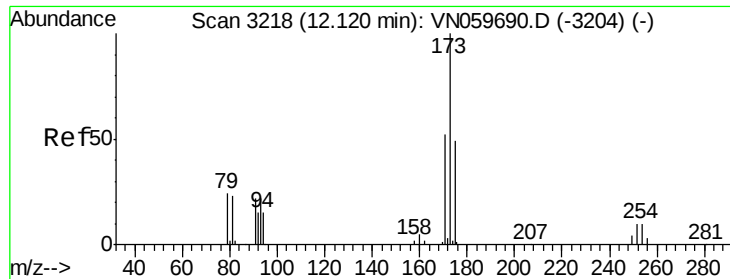
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#70
Styrene
Concen: 18.624 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN059837.D
Acq: 24 Jan 2020 11:46

Tgt Ion:104 Resp: 113306
Ion Ratio Lower Upper
104 100
78 49.0 42.4 63.6
103 56.5 43.9 65.9





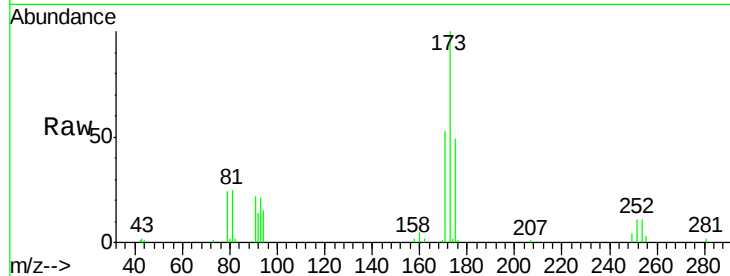
#71
Bromoform
Concen: 19.789 ug/l
RT: 12.12 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN059837.D
Acq: 24 Jan 2020 11:46

Instrument :
MSVOA_N
ClientSampled :
VN0124MBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.6	23.8	71.4
254	0.0	0.0	0.0

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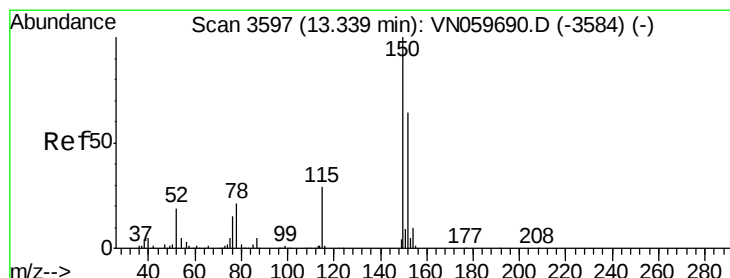
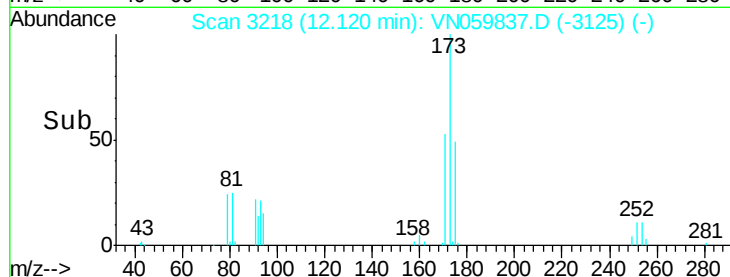
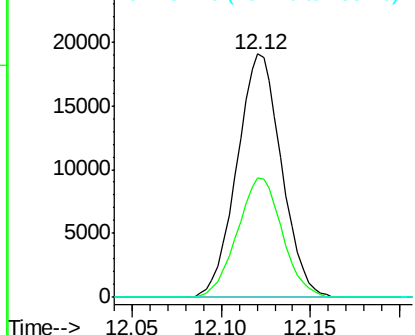


Abundance

Ion 172.70 (172.40 to 173.40): V

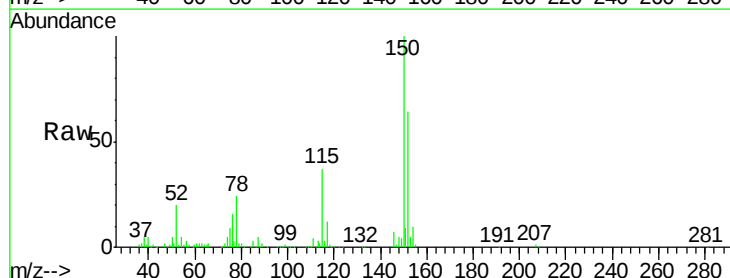
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN059837.D
Acq: 24 Jan 2020 11:46

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.2	30.3	90.9
150	161.4	0.0	345.2

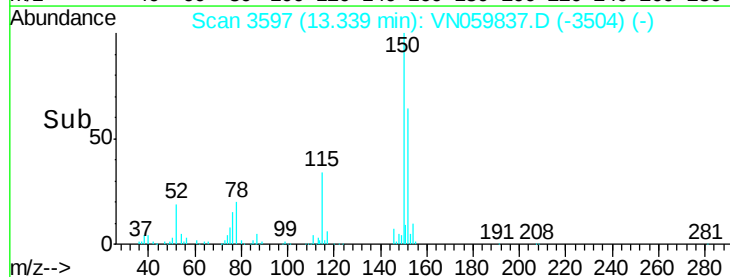
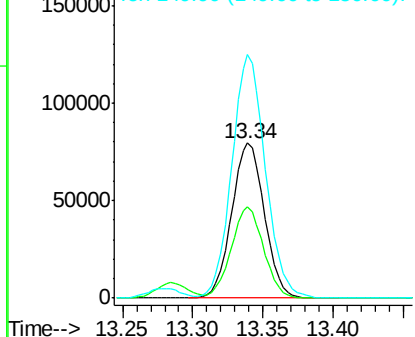


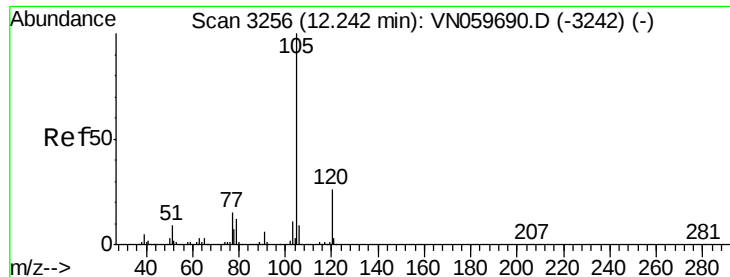
Abundance

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: 19.889 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN059837.D

Acq: 24 Jan 2020 11:46

Instrument :

MSVOA_N

ClientSampleId :

VN0124MBS01

Tot Ion: 105 Resp: 188310

Ion Ratio Lower Upper

105 100

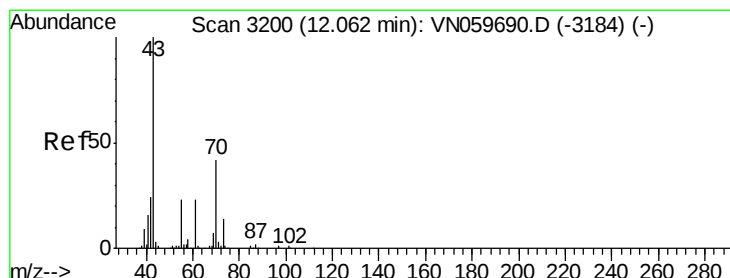
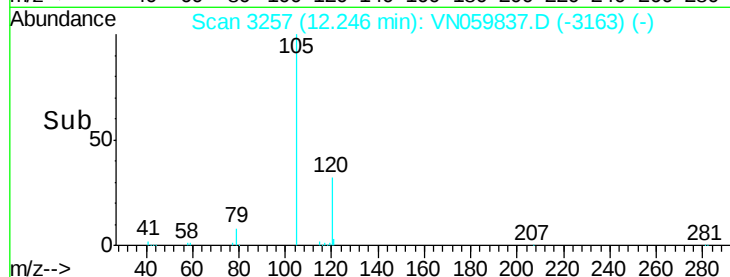
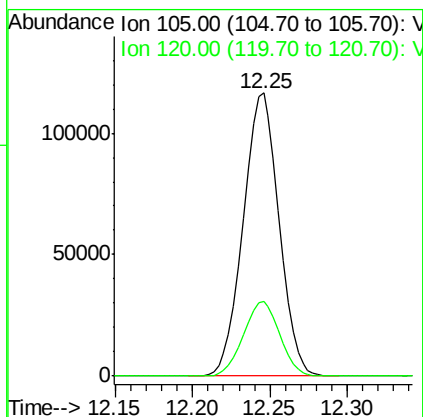
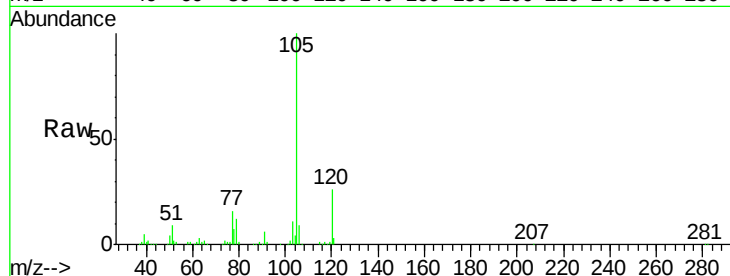
120 26.7 13.2 39.5

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#74

N-ethyl acetate

Concen: 17.743 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. 0.00 min

Lab File: VN059837.D

Acq: 24 Jan 2020 11:46

Tgt Ion: 43 Resp: 65187

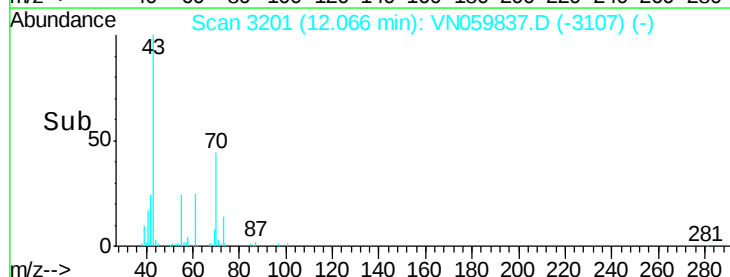
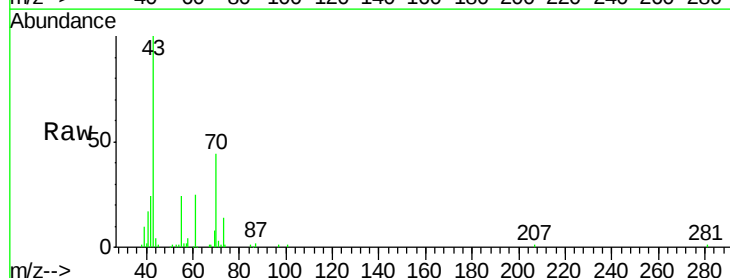
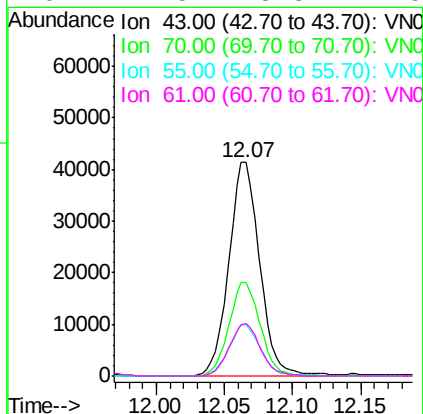
Ion Ratio Lower Upper

43 100

70 44.3 31.3 46.9

55 24.6 19.8 29.6

61 24.5 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 19.604 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN059837.D

Acq: 24 Jan 2020 11:46

Instrument :

MSVOA_N

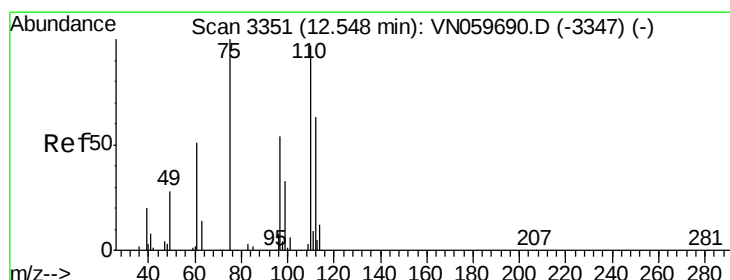
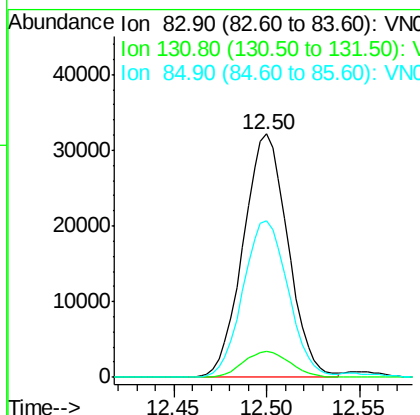
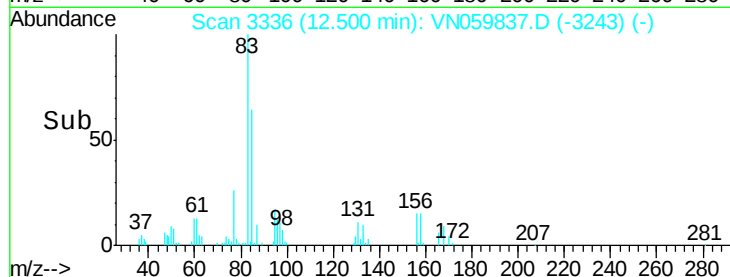
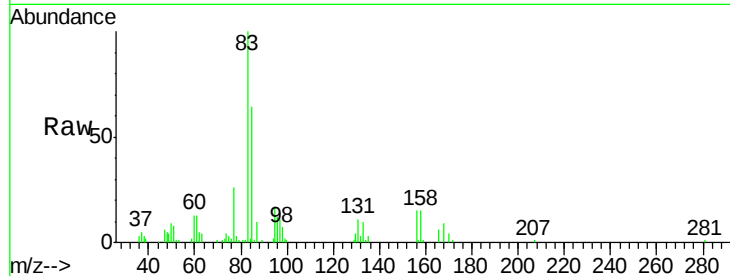
ClientSampleId :

VN0124MBS01

Tot Ion:	83	Resp:	53809
Ion Ratio	Lower	Upper	
83	100		
131	11.0	5.0	14.9
85	64.8	31.9	95.5

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#76

1,2,3-Trichloropropane

Concen: 22.988 ug/l m

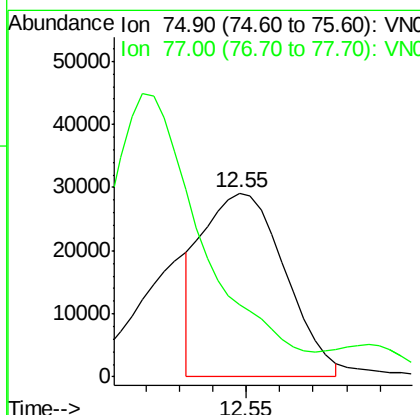
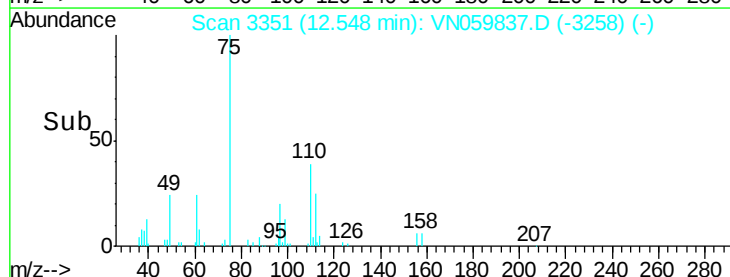
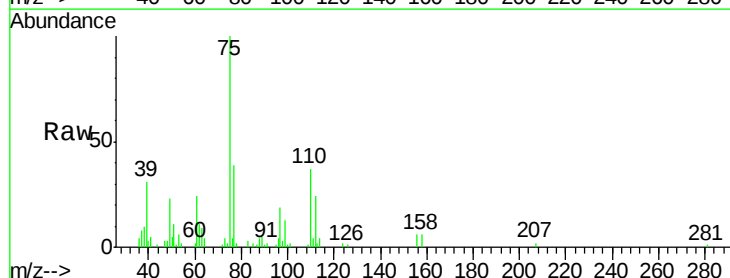
RT: 12.55 min Scan# 3351

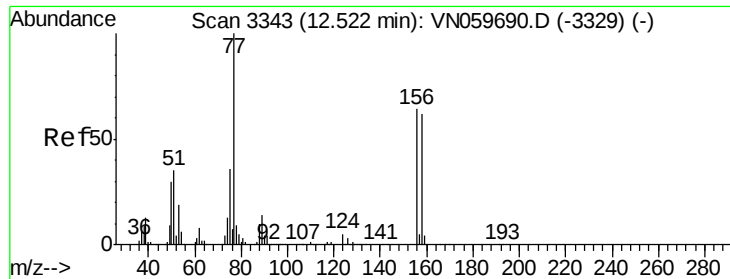
Delta R.T. 0.00 min

Lab File: VN059837.D

Acq: 24 Jan 2020 11:46

Tgt Ion:	75	Resp:	49944
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.270 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. 0.00 min

Lab File: VN059837.D

Acq: 24 Jan 2020 11:46

Instrument :

MSVOA_N

ClientSampleId :

VN0124MBS01

Tot Ion:156 Resp: 48602

Ion Ratio Lower Upper

156 100

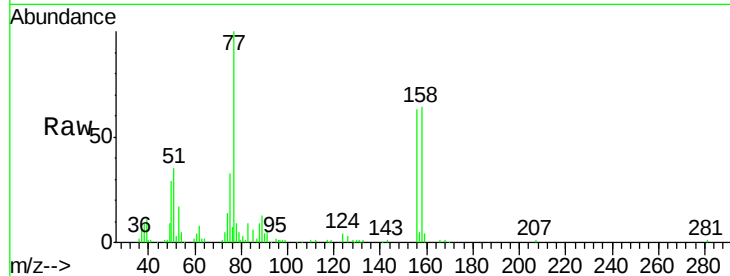
77 189.6 115.8 347.4

158 99.5 49.2 147.6

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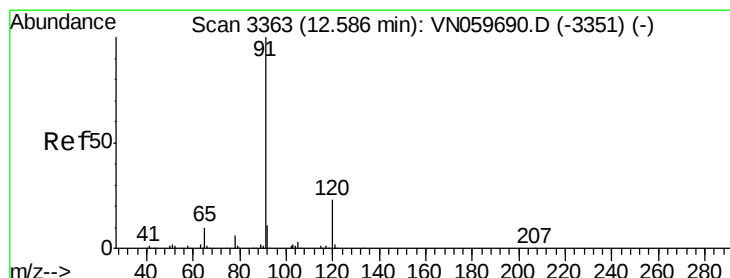
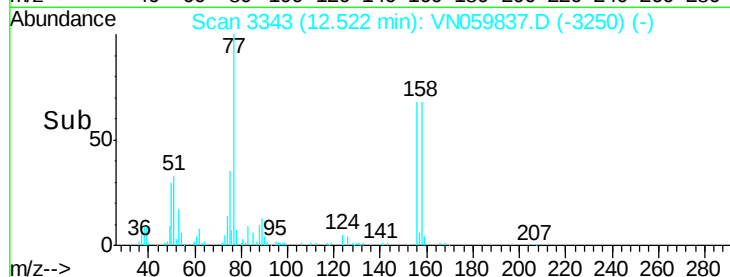
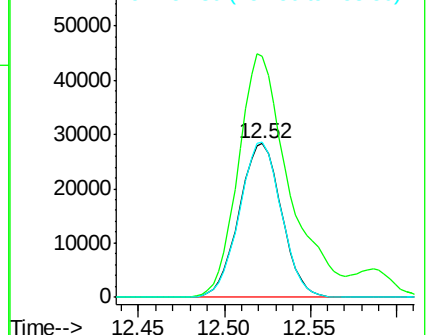
1/27/2020 11:15:36 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.531 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN059837.D

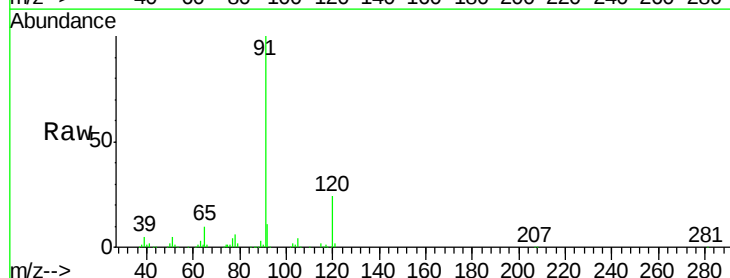
Acq: 24 Jan 2020 11:46

Tgt Ion: 91 Resp: 207558

Ion Ratio Lower Upper

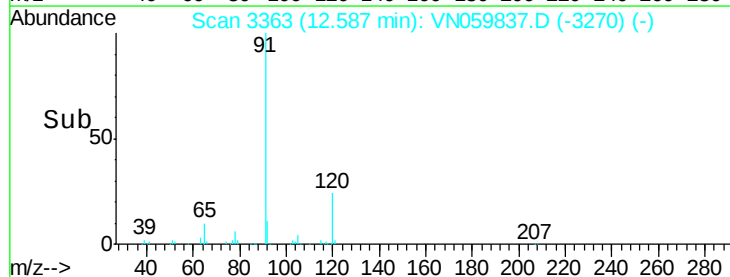
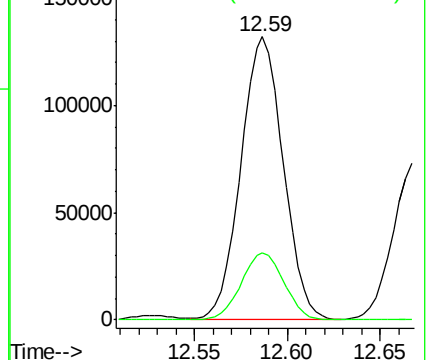
91 100

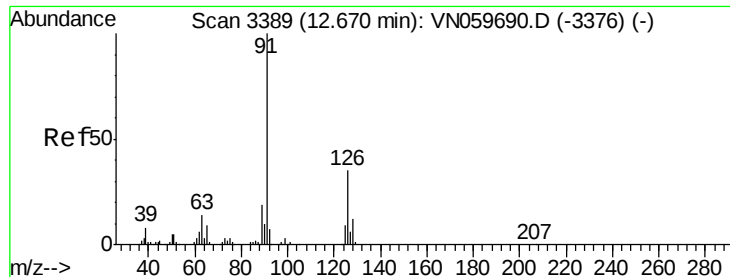
120 24.0 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





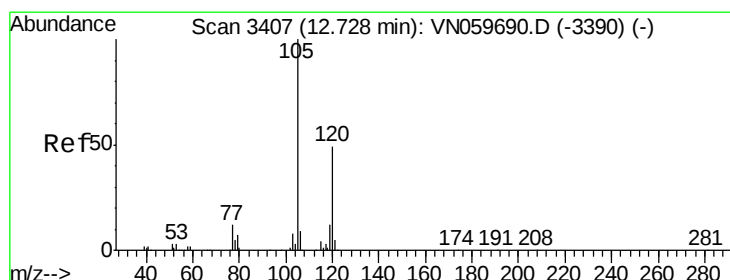
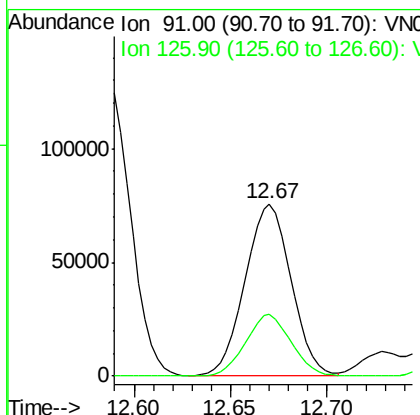
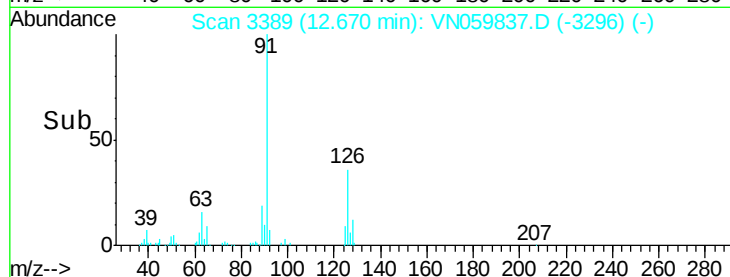
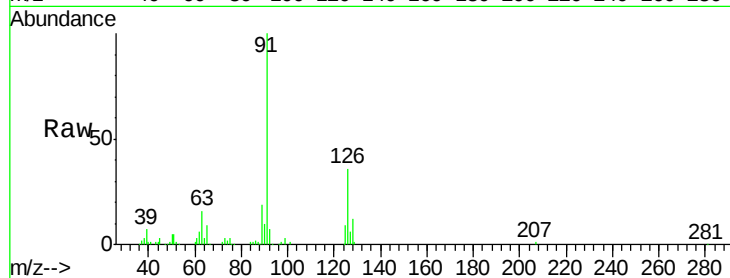
#79
2-Chlorotoluene
Concen: 19.695 ug/l
RT: 12.67 min Scan# 3389
Delta R.T. 0.00 min
Lab File: VN059837.D
Acq: 24 Jan 2020 11:46

Instrument :
MSVOA_N
ClientSampled :
VN0124MBS01

Tot Ion: 91 Resp: 124513
Ion Ratio Lower Upper
91 100
126 35.7 16.3 48.9

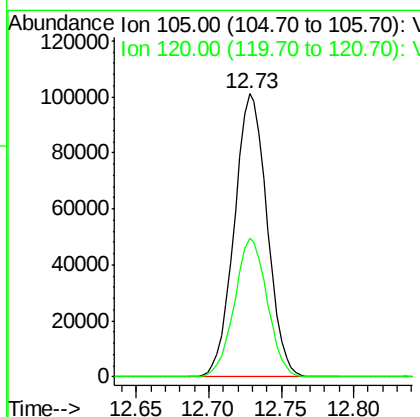
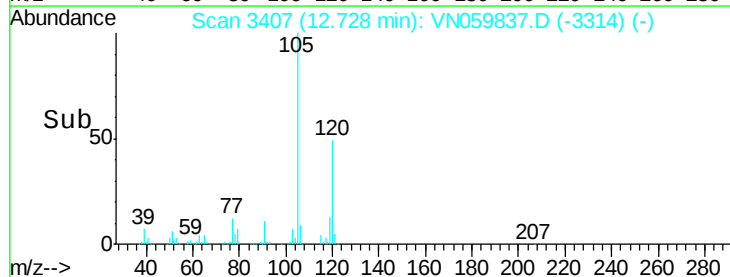
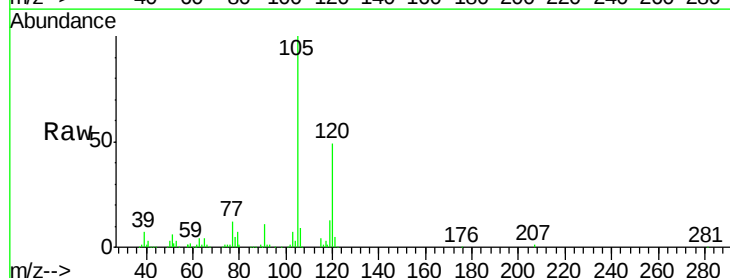
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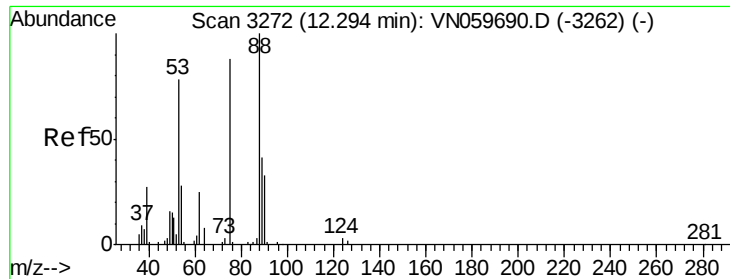
MMDadoda
1/27/2020 11:15:36 AM



#80
1,3,5-Trimethylbenzene
Concen: 19.865 ug/l
RT: 12.73 min Scan# 3407
Delta R.T. 0.00 min
Lab File: VN059837.D
Acq: 24 Jan 2020 11:46

Tgt Ion: 105 Resp: 158182
Ion Ratio Lower Upper
105 100
120 48.9 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 18.775 ug/l

RT: 12.29 min Scan# 3272

Delta R.T. 0.00 min

Lab File: VN059837.D

Acq: 24 Jan 2020 11:46

Instrument :

MSVOA_N

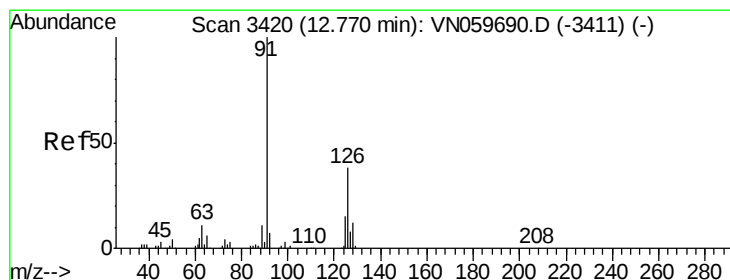
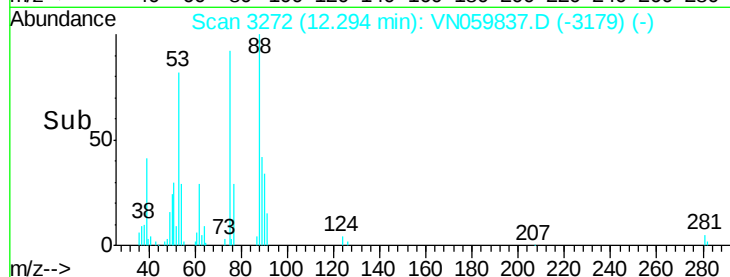
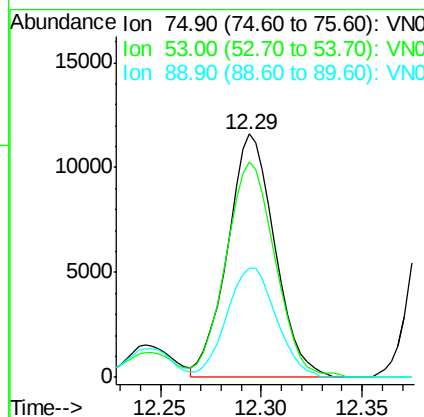
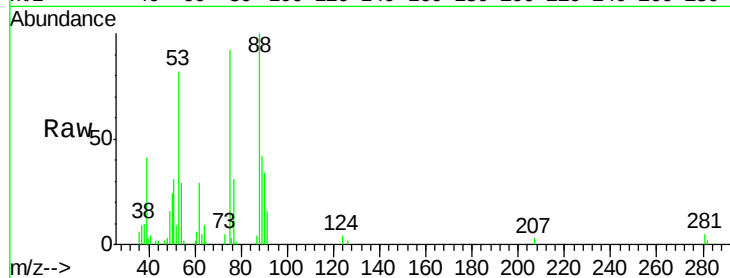
ClientSampleId :

VN0124MBS01

Tot Ion:	75	Resp:	18995
Ion	Ratio	Lower	Upper
75	100		
53	92.2	78.1	117.1
89	47.2	35.4	53.2

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#82

4-Chlorotoluene

Concen: 19.760 ug/l

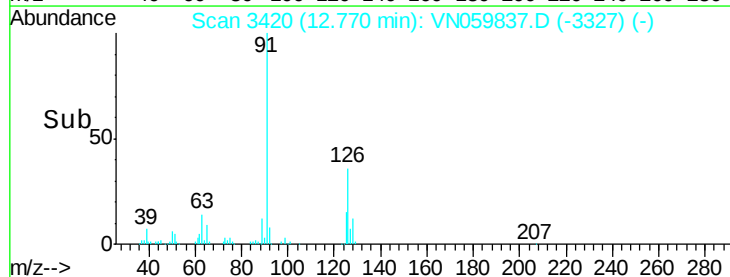
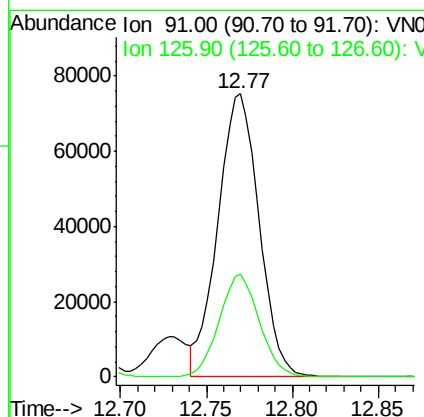
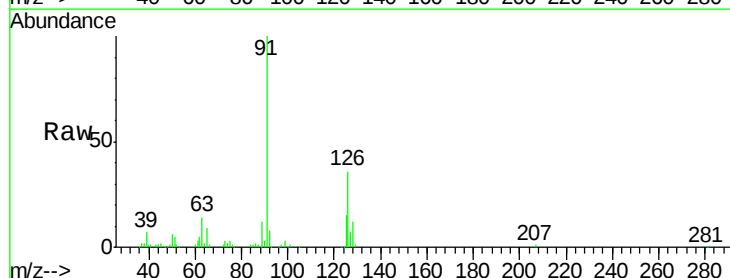
RT: 12.77 min Scan# 3420

Delta R.T. 0.00 min

Lab File: VN059837.D

Acq: 24 Jan 2020 11:46

Tgt Ion:	91	Resp:	125301
Ion	Ratio	Lower	Upper
91	100		
126	35.5	16.3	48.8





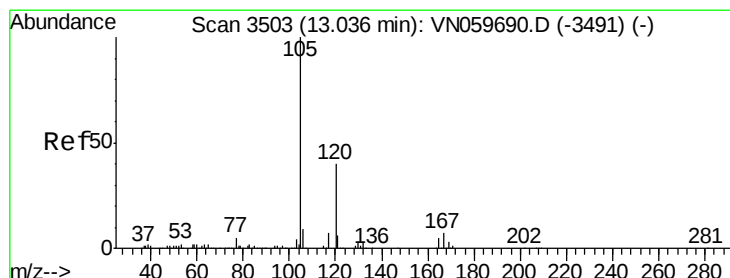
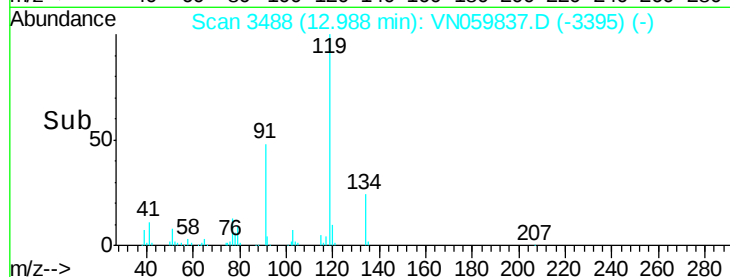
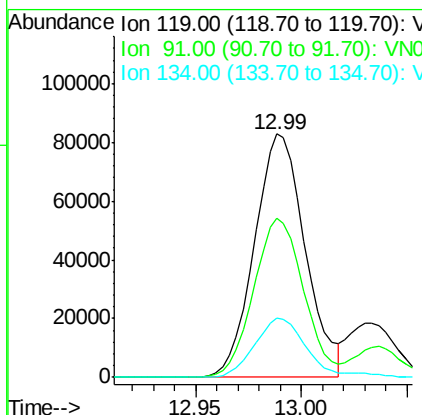
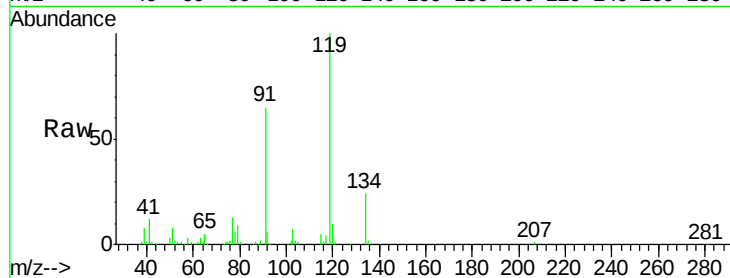
#83
 tert-Butylbenzene
 Concen: 20.162 ug/l
 RT: 12.99 min Scan# 3488
 Delta R.T. 0.00 min
 Lab File: VN059837.D
 Acq: 24 Jan 2020 11:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0124MBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.3	34.8	104.4
134	25.0	12.3	36.9

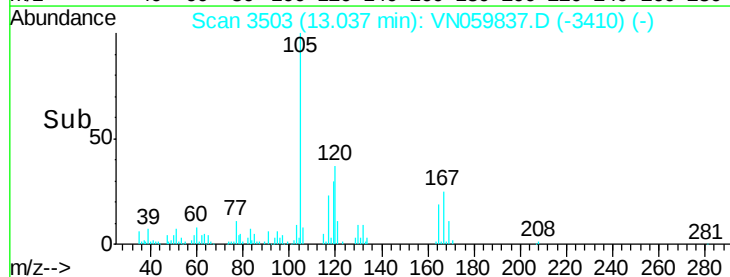
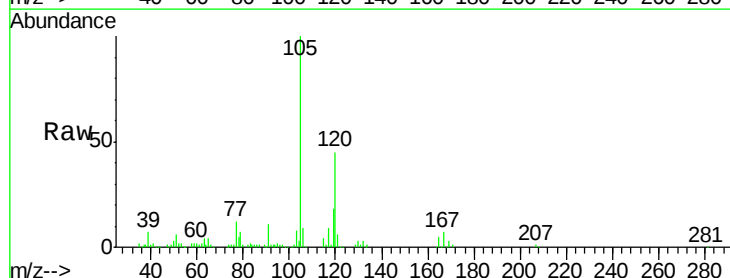
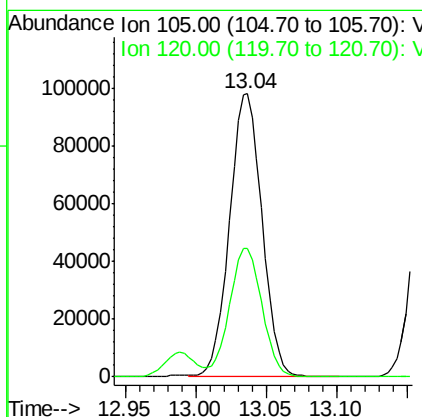
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.087 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. 0.00 min
 Lab File: VN059837.D
 Acq: 24 Jan 2020 11:46

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.3	22.3	66.9





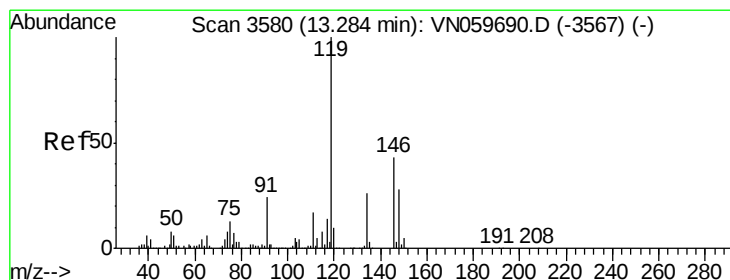
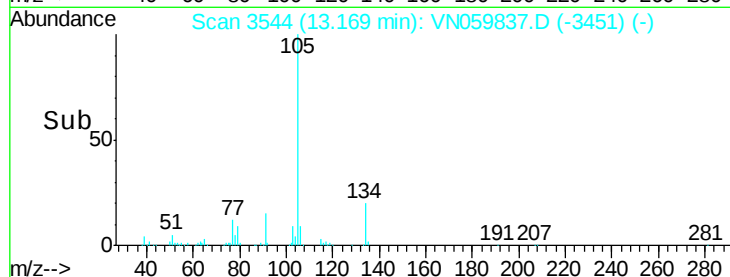
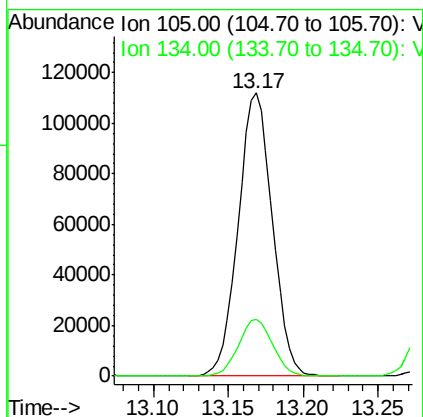
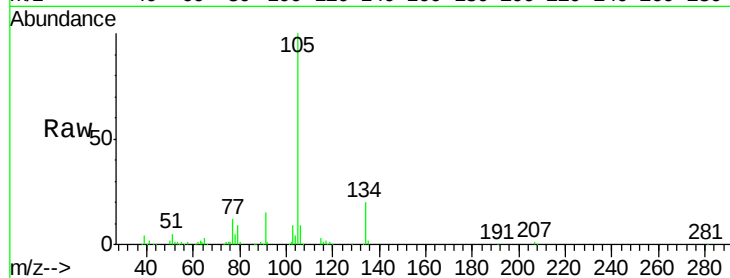
#85
 sec-Butylbenzene
 Concen: 19.661 ug/l
 RT: 13.17 min Scan# 3544
 Delta R.T. 0.00 min
 Lab File: VN059837.D
 Acq: 24 Jan 2020 11:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0124MBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.1	9.8	29.5

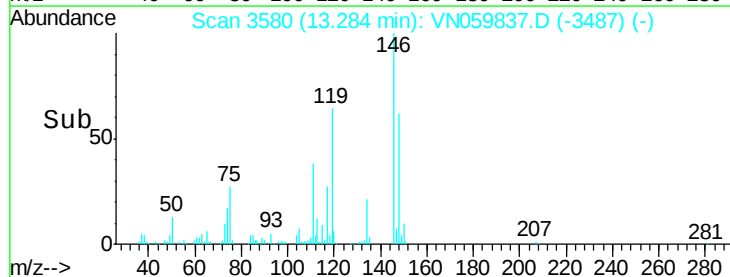
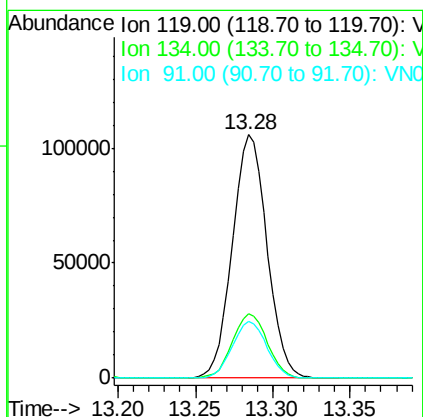
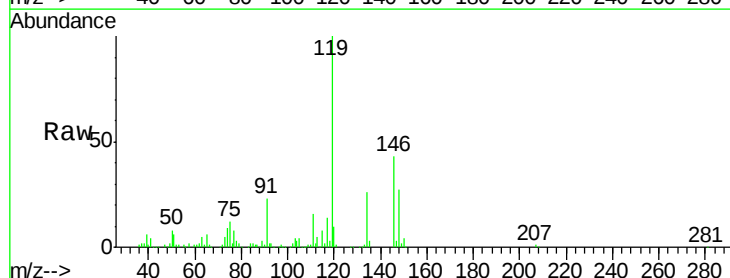
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#86
 p-Isopropyltoluene
 Concen: 19.608 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN059837.D
 Acq: 24 Jan 2020 11:46

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.6	12.9	38.7
91	23.4	12.4	37.4





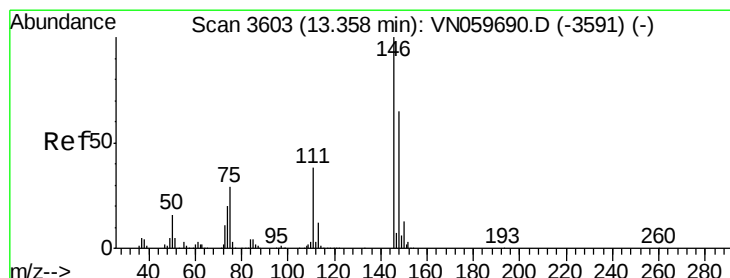
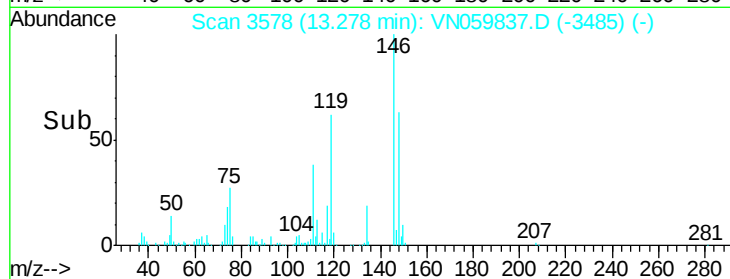
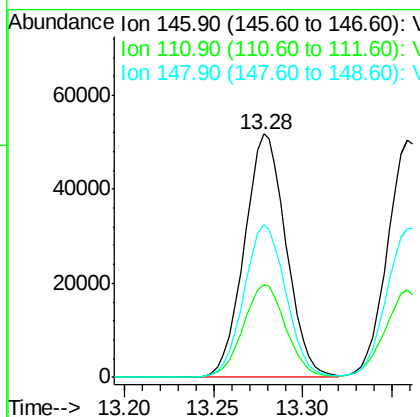
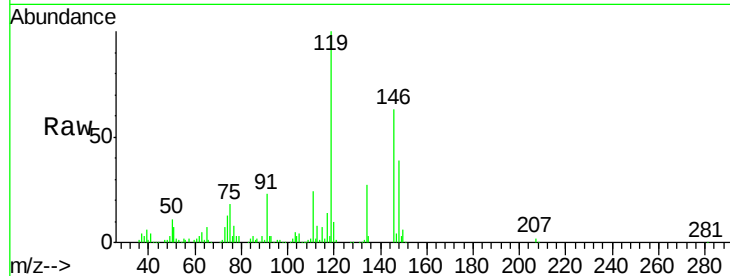
#87
 1,3-Dichlorobenzene
 Concen: 20.374 ug/l
 RT: 13.28 min Scan# 3578
 Delta R.T. 0.00 min
 Lab File: VN059837.D
 Acq: 24 Jan 2020 11:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0124MBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	20.8	62.2
148	62.9	32.0	96.0

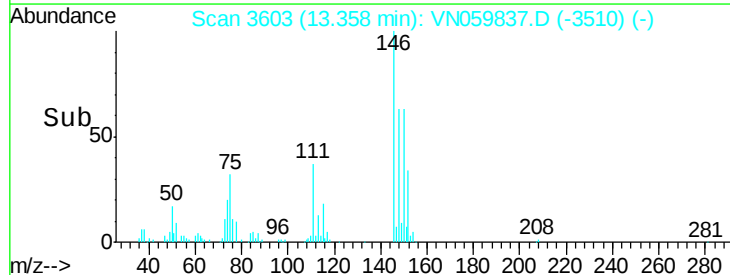
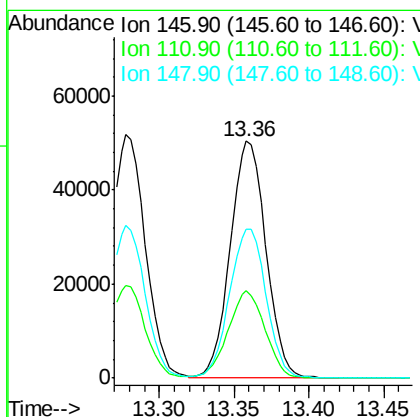
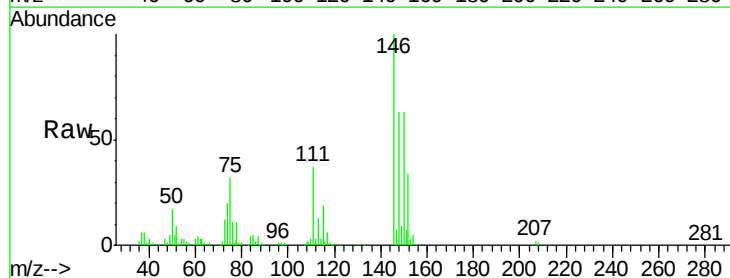
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#88
 1,4-Dichlorobenzene
 Concen: 20.232 ug/l
 RT: 13.36 min Scan# 3603
 Delta R.T. 0.00 min
 Lab File: VN059837.D
 Acq: 24 Jan 2020 11:46

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.0	20.8	62.2
148	64.5	31.8	95.4





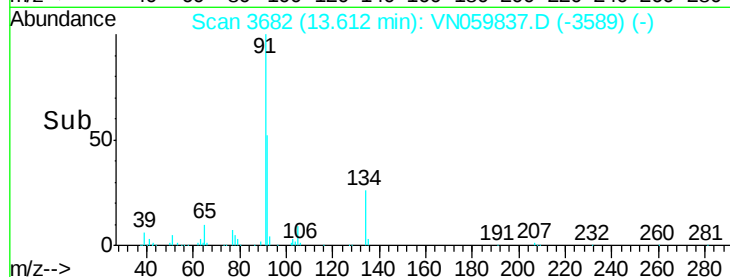
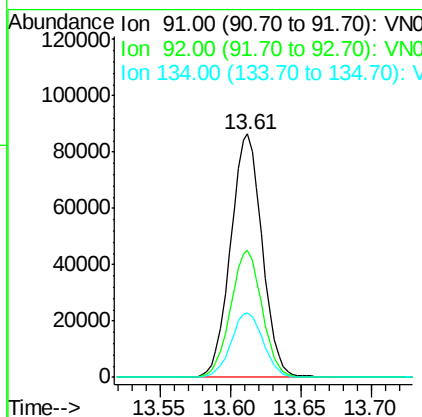
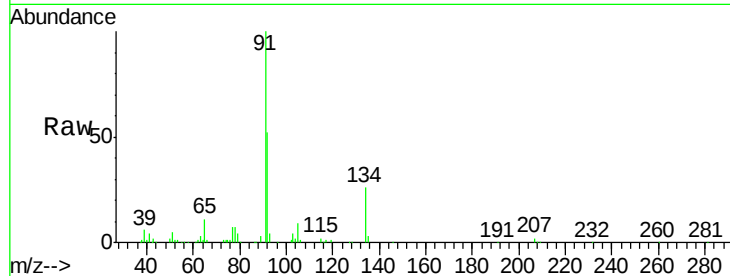
#89
n-Butylbenzene
Concen: 18.915 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN059837.D
Acq: 24 Jan 2020 11:46

Instrument :
MSVOA_N
ClientSampleId :
VN0124MBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.2	25.9	77.7
134	27.1	12.3	36.8

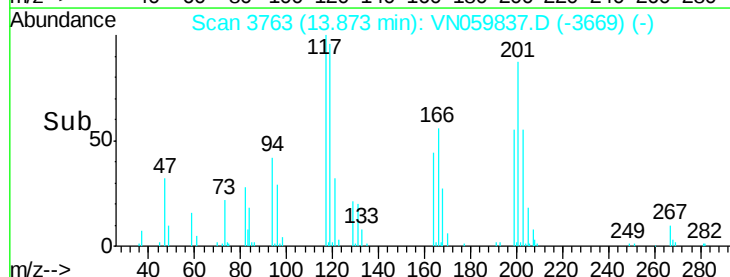
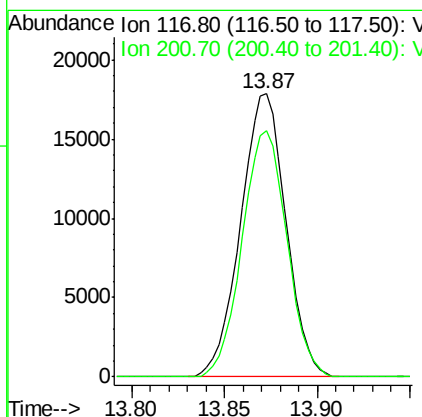
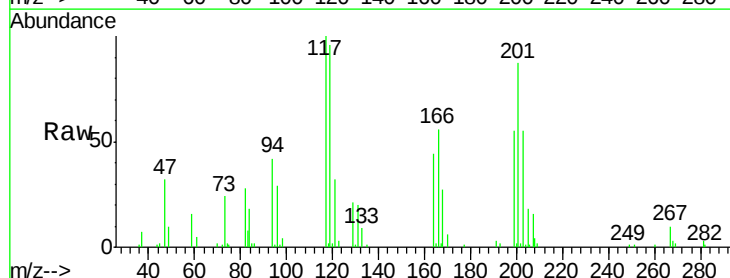
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#90
Hexachloroethane
Concen: 19.311 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN059837.D
Acq: 24 Jan 2020 11:46

Tgt Ion	Ratio	Lower	Upper
117	100		
201	85.9	37.8	113.4





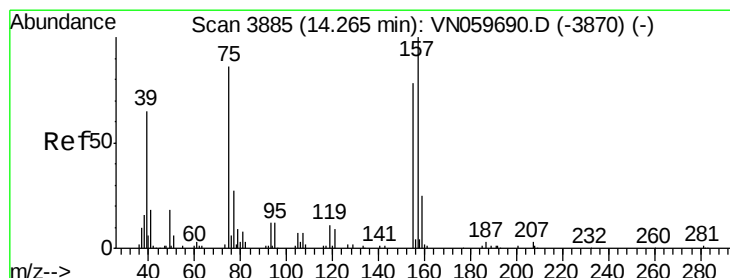
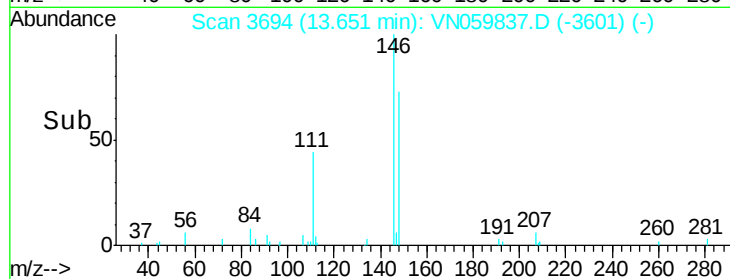
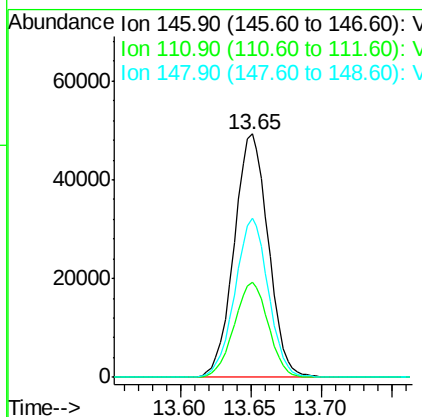
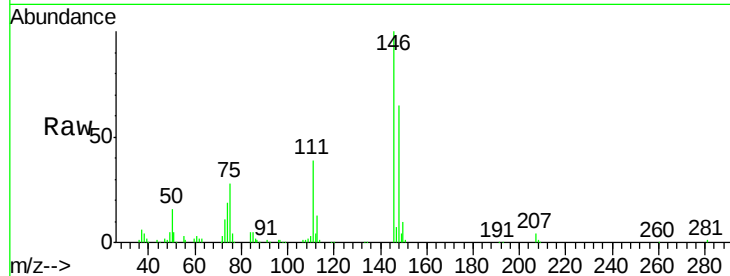
#91
 1,2-Dichlorobenzene
 Concen: 20.356 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN059837.D
 Acq: 24 Jan 2020 11:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0124MBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	21.6	64.8
148	64.0	31.6	95.0

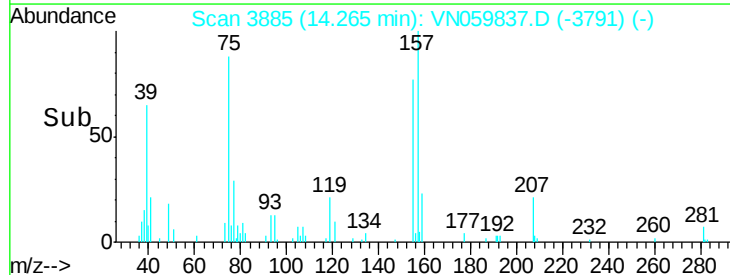
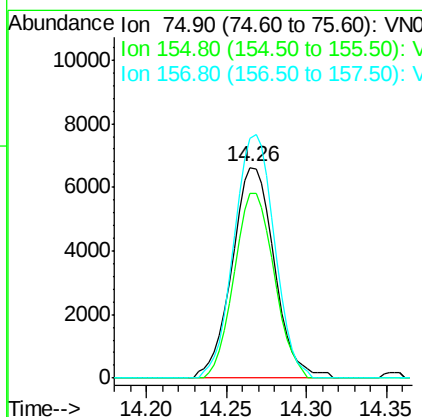
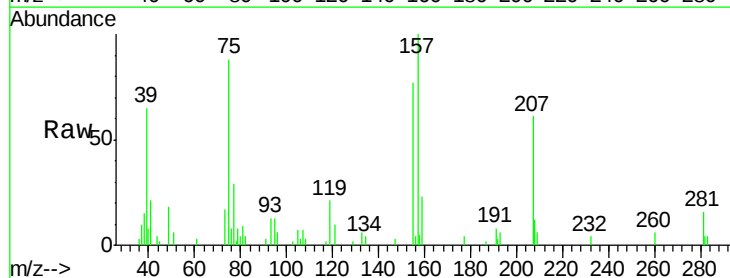
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.990 ug/l
 RT: 14.26 min Scan# 3885
 Delta R.T. 0.00 min
 Lab File: VN059837.D
 Acq: 24 Jan 2020 11:46

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.6	37.0	110.9
157	110.4	48.4	145.2





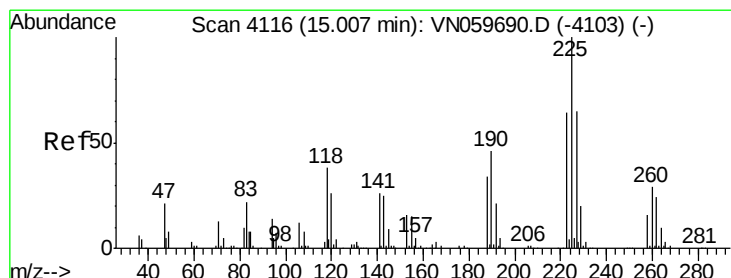
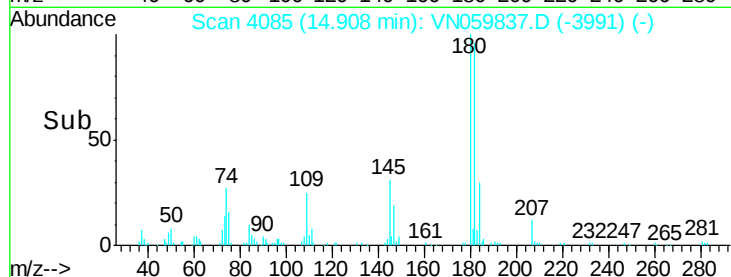
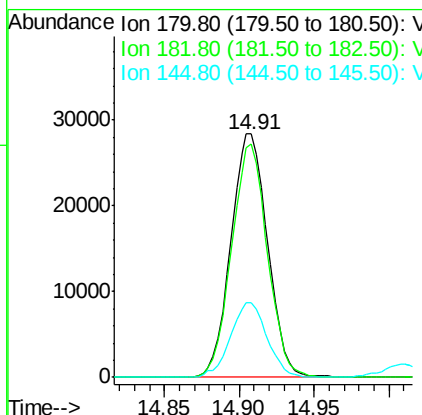
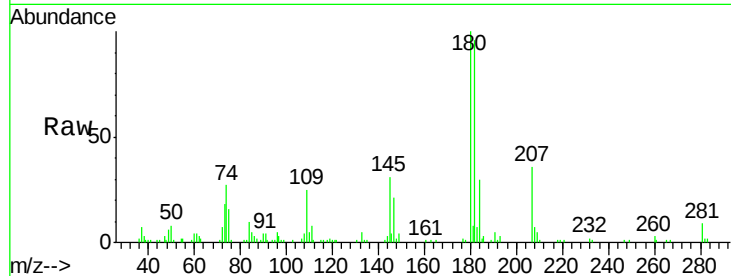
#93
 1,2,4-Trichlorobenzene
 Concen: 19.564 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN059837.D
 Acq: 24 Jan 2020 11:46

Instrument :
 MSVOA_N
 ClientSampled :
 VN0124MBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	48405		
182	93.4	46.9	140.7	
145	30.4	15.0	45.1	

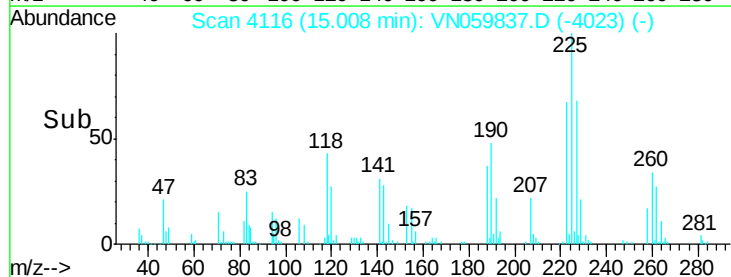
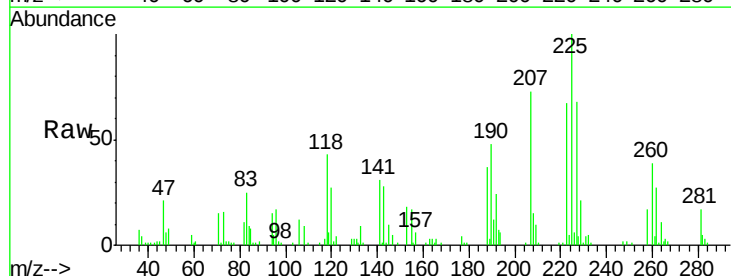
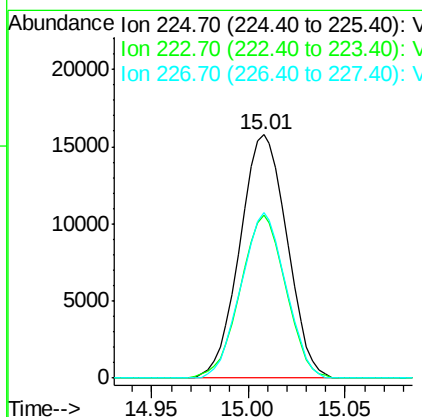
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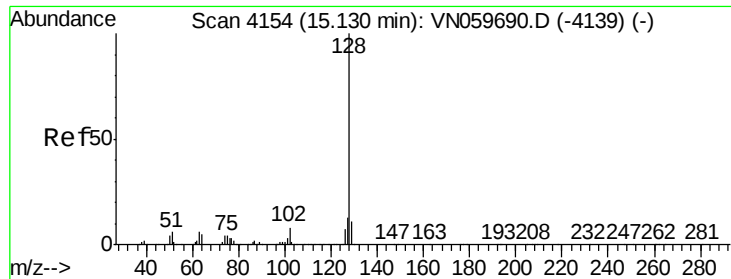
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#94
 Hexachlorobutadiene
 Concen: 19.586 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN059837.D
 Acq: 24 Jan 2020 11:46

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	26704		
223	64.8	31.8	95.3	
227	64.8	32.1	96.5	





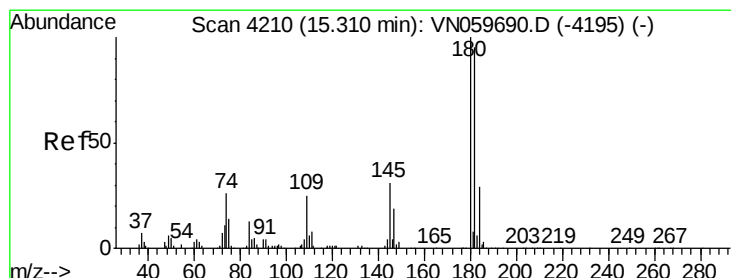
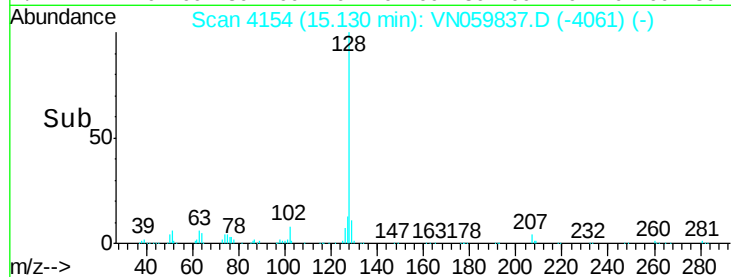
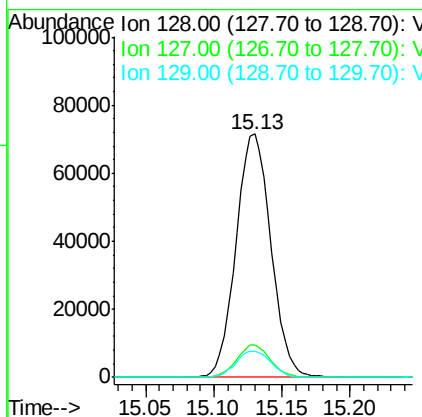
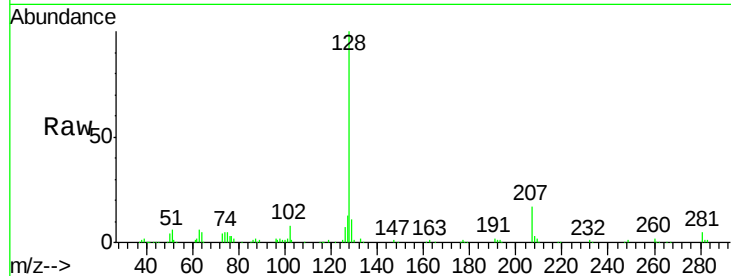
#95
Naphthalene
Concen: 18.065 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN059837.D
Acq: 24 Jan 2020 11:46

Instrument :
MSVOA_N
ClientSampleId :
VN0124MBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	127128		
127	13.0		10.4	15.6
129	10.9		8.6	12.8

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#96
1,2,3-Trichlorobenzene
Concen: 19.792 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. 0.00 min
Lab File: VN059837.D
Acq: 24 Jan 2020 11:46

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	47665		
182	93.7		47.4	142.3
145	30.8		16.3	48.9

