

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121119\
 Data File : VN059557.D
 Acq On : 11 Dec 2019 13:08
 Operator : JC/SP
 Sample : VN1211WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1211WBS01

Manual Integrations
 APPROVED

apatel
 12/12/2019 9:25:29 AM

Quant Time: Dec 12 01:05:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N120919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 10 01:09:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	238425	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	377253	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	340865	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	162950	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	132090	39.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.28%	
35) Dibromofluoromethane	7.57	113	94576	42.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.02%	
50) Toluene-d8	10.08	98	359152	39.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.16%	
62) 4-Bromofluorobenzene	12.40	95	127494	37.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	74.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	54677	19.883	ug/l	99
3) Chloromethane	2.04	50	86724	20.833	ug/l	98
4) Vinyl Chloride	2.17	62	87683	21.370	ug/l	100
5) Bromomethane	2.55	94	51490	20.602	ug/l	99
6) Chloroethane	2.68	64	52846	21.568	ug/l	94
7) Trichlorofluoromethane	3.00	101	107280	21.872	ug/l	97
8) Diethyl Ether	3.38	74	30224	17.980	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.73	101	51103	20.019	ug/l	99
10) Methyl Iodide	3.92	142	64681	18.713	ug/l	99
11) Tert butyl alcohol	4.76	59	57205	103.767	ug/l	100
12) 1,1-Dichloroethene	3.71	96	47728	19.233	ug/l	97
13) Acrolein	3.58	56	14303	53.316	ug/l	99
14) Allyl chloride	4.29	41	93523	19.591	ug/l	98
15) Acrylonitrile	4.95	53	146467	100.735	ug/l	98
16) Acetone	3.79	43	138333	88.866	ug/l	99
17) Carbon Disulfide	4.02	76	156484	19.568	ug/l	100
18) Methyl Acetate	4.29	43	78374	19.177	ug/l	100
19) Methyl tert-butyl Ether	5.01	73	170594	20.681	ug/l	99
20) Methylene Chloride	4.52	84	58796	20.800	ug/l	98
21) trans-1,2-Dichloroethene	5.00	96	54565	20.487	ug/l	96
22) Diisopropyl ether	5.92	45	187562	20.639	ug/l	98
23) Vinyl Acetate	5.86	43	780292	102.931	ug/l	99
24) 1,1-Dichloroethane	5.82	63	107496	20.834	ug/l	98
25) 2-Butanone	6.81	43	206520	98.563	ug/l	96
26) 2,2-Dichloropropane	6.79	77	97747	20.970	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	61026	20.371	ug/l	99
28) Bromochloromethane	7.17	49	36083	20.285	ug/l	98
29) Tetrahydrofuran	7.18	42	140185	96.184	ug/l	100
30) Chloroform	7.35	83	106107	20.837	ug/l	99
31) Cyclohexane	7.63	56	98840	19.685	ug/l	96
32) 1,1,1-Trichloroethane	7.54	97	94461	20.910	ug/l	99
36) 1,1-Dichloropropene	7.77	75	81460	21.046	ug/l	99
37) Ethyl Acetate	6.90	43	85965	19.998	ug/l	99
38) Carbon Tetrachloride	7.75	117	83689	21.937	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	93276	21.484	ug/l	99
40) Benzene	8.02	78	233708	21.137	ug/l	100
41) Methacrylonitrile	7.14	41	29856m	15.873	ug/l	
42) 1,2-Dichloroethane	8.10	62	89295	21.676	ug/l	99
43) Isopropyl Acetate	8.14	43	135350	20.258	ug/l #	93
44) Trichloroethene	8.82	130	59497	21.300	ug/l	99
45) 1,2-Dichloropropane	9.10	63	62744	21.421	ug/l	98
46) Dibromomethane	9.19	93	40078	20.704	ug/l	99
47) Bromodichloromethane	9.39	83	81976	21.308	ug/l	99
48) Methyl methacrylate	9.18	41	61040	20.894	ug/l	97
49) 1,4-Dioxane	9.19	88	19473	520.985	ug/l	96
51) 4-Methyl-2-Pentanone	9.97	43	415022	97.269	ug/l	99
52) Toluene	10.14	92	141149	21.425	ug/l	98
53) t-1,3-Dichloropropene	10.37	75	91479	20.408	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	98255	21.417	ug/l	98
55) 1,1,2-Trichloroethane	10.55	97	55800	20.942	ug/l	99
56) Ethyl methacrylate	10.42	69	78678	18.539	ug/l	98
57) 1,3-Dichloropropane	10.70	76	96322	21.167	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	83182	76.207	ug/l	99
59) 2-Hexanone	10.74	43	311300	97.371	ug/l	98
60) Dibromochloromethane	10.90	129	61794	20.073	ug/l	98
61) 1,2-Dibromoethane	11.00	107	57848	20.855	ug/l	100
64) Tetrachloroethene	10.62	164	56950	22.860	ug/l	98
65) Chlorobenzene	11.43	112	149518	20.934	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	56589	21.244	ug/l	99
67) Ethyl Benzene	11.51	91	271804	21.148	ug/l	99
68) m/p-Xylenes	11.62	106	201627	41.820	ug/l	98
69) o-Xylene	11.94	106	93626	20.864	ug/l	96
70) Styrene	11.96	104	146404	19.693	ug/l	96
71) Bromoform	12.12	173	42317	20.190	ug/l #	99
73) Isopropylbenzene	12.25	105	255216	20.880	ug/l	99
74) N-amyl acetate	12.07	43	104498	19.627	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.50	83	79016	19.078	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	84399m	20.254	ug/l	
77) Bromobenzene	12.52	156	59543	19.567	ug/l	93
78) n-propylbenzene	12.59	91	302601	20.147	ug/l	99
79) 2-Chlorotoluene	12.67	91	177814	19.853	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	215836	20.592	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	29319	18.930	ug/l	88
82) 4-Chlorotoluene	12.77	91	185704	20.278	ug/l	98
83) tert-Butylbenzene	12.99	119	177855	20.348	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	215206	20.794	ug/l	98
85) sec-Butylbenzene	13.17	105	251687	20.964	ug/l	100
86) p-Isopropyltoluene	13.29	119	223126	20.794	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	112482	20.069	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	109856	20.017	ug/l	97
89) n-Butylbenzene	13.62	91	208505	20.694	ug/l	98
90) Hexachloroethane	13.87	117	43119	21.881	ug/l	94
91) 1,2-Dichlorobenzene	13.65	146	106941	20.332	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	18391	20.639	ug/l	93

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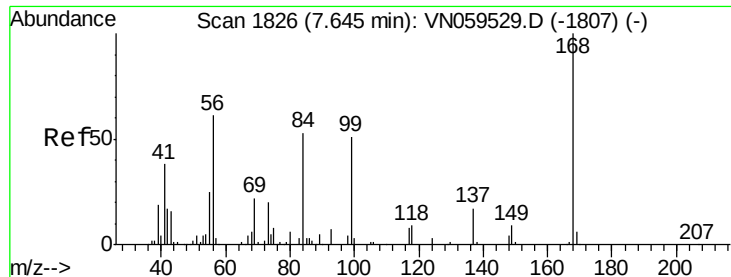
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	68082	18.714	ug/l	100
94) Hexachlorobutadiene	15.01	225	38522	20.727	ug/l	99
95) Naphthalene	15.13	128	188155	17.693	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	65764	20.075	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: VN059557.D

Acq: 11 Dec 2019 13:08

Instrument :

MSVOA_N

ClientSampleId :

VN1211WBS01

Tot Ion:168 Resp: 238425

Ion Ratio Lower Upper

168 100

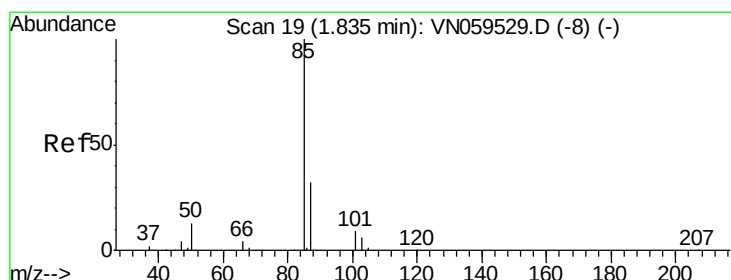
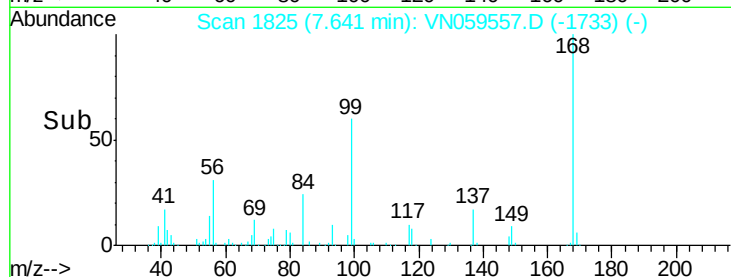
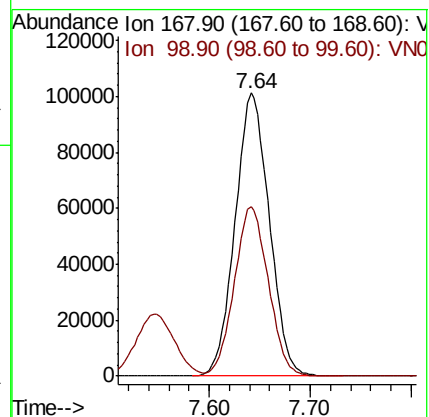
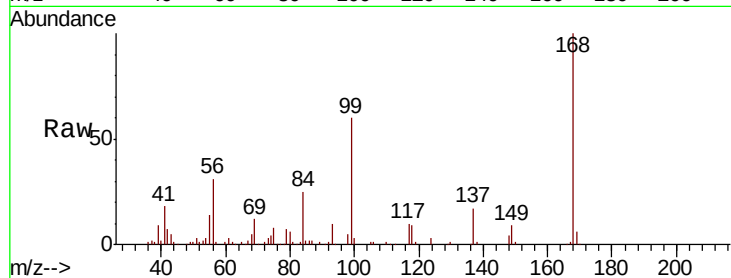
99 60.1 46.6 70.0

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 19.883 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN059557.D

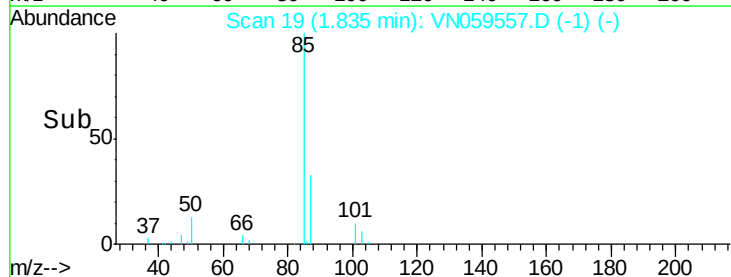
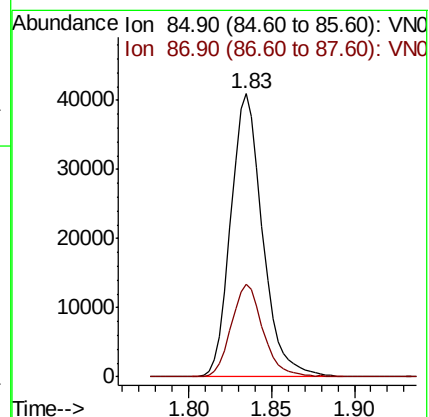
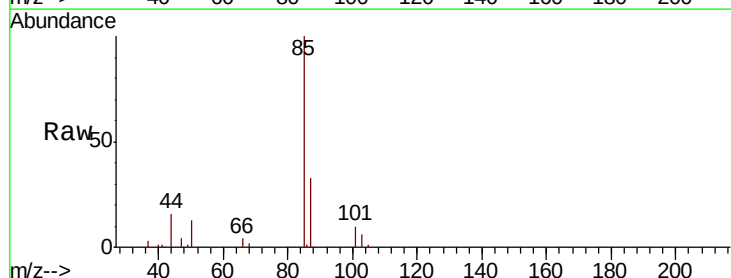
Acq: 11 Dec 2019 13:08

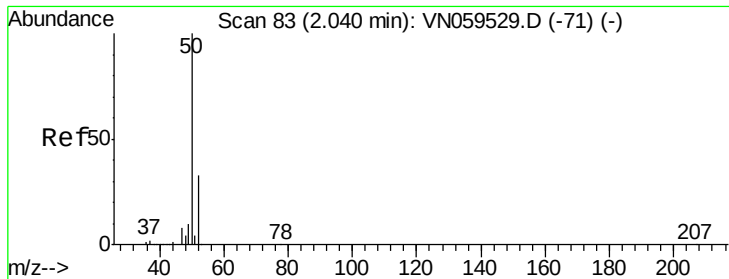
Tgt Ion: 85 Resp: 54677

Ion Ratio Lower Upper

85 100

87 32.7 16.0 48.0





#3

Chloromethane

Concen: 20.833 ug/l

RT: 2.04 min Scan# 82

Delta R.T. -0.00 min

Lab File: VN059557.D

Acq: 11 Dec 2019 13:08

Instrument :

MSVOA_N

ClientSampleId :

VN1211WBS01

Tot Ion: 50 Resp: 86724

Ion Ratio Lower Upper

50 100

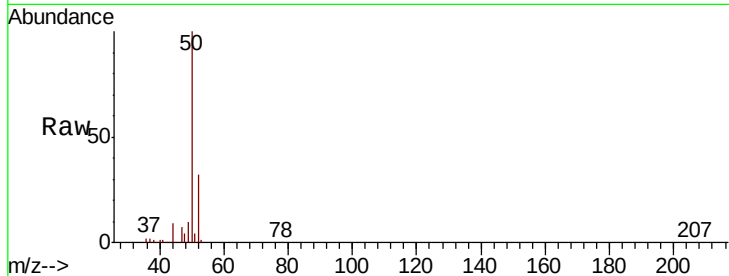
52 31.6 26.2 39.4

Manual Integrations

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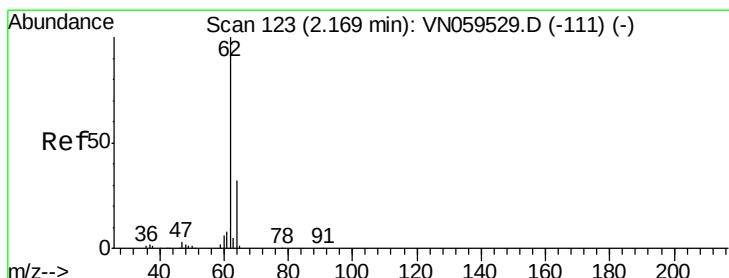
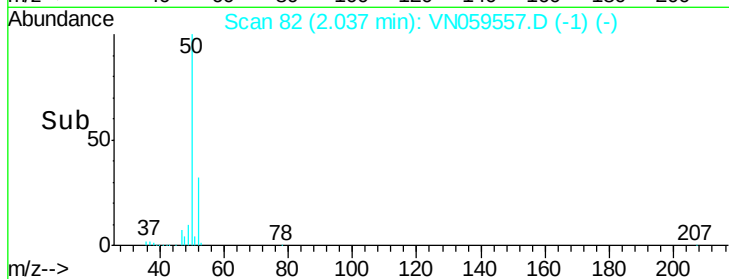
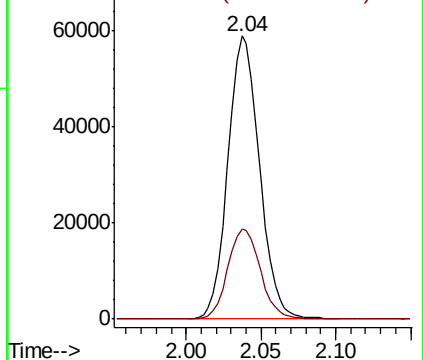
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Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 21.370 ug/l

RT: 2.17 min Scan# 123

Delta R.T. -0.00 min

Lab File: VN059557.D

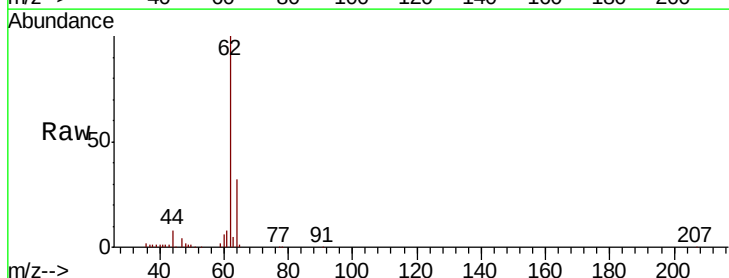
Acq: 11 Dec 2019 13:08

Tgt Ion: 62 Resp: 87683

Ion Ratio Lower Upper

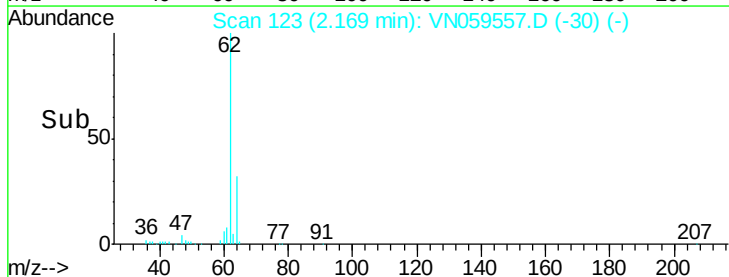
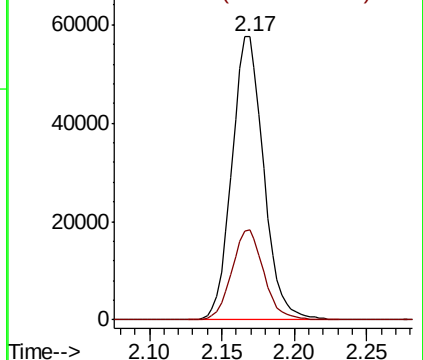
62 100

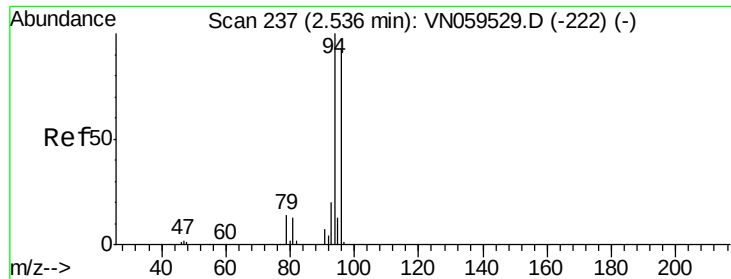
64 31.9 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 20.602 ug/l

RT: 2.55 min Scan# 241

Delta R.T. 0.01 min

Lab File: VN059557.D

Acq: 11 Dec 2019 13:08

Instrument :

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ClientSampleId :

VN1211WBS01

Tot Ion: 94 Resp: 51490

Ion Ratio Lower Upper

94 100

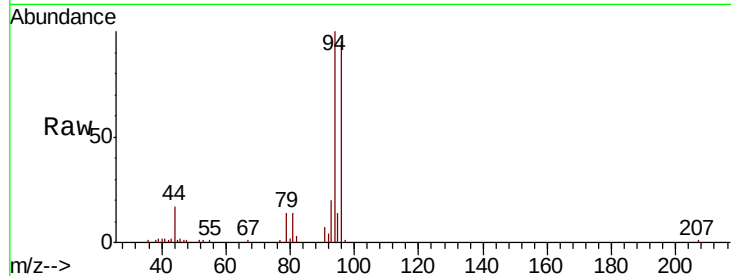
96 94.6 74.6 112.0

Manual Integrations

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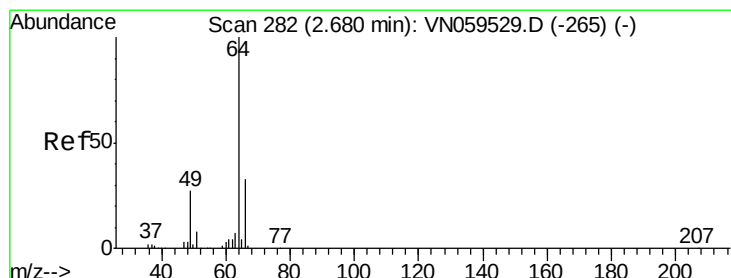
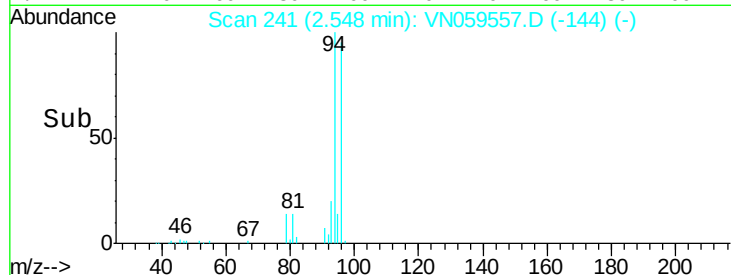
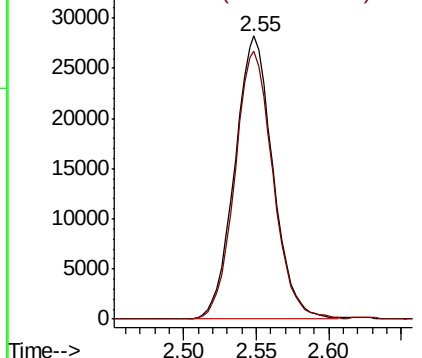
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 21.568 ug/l

RT: 2.68 min Scan# 283

Delta R.T. 0.00 min

Lab File: VN059557.D

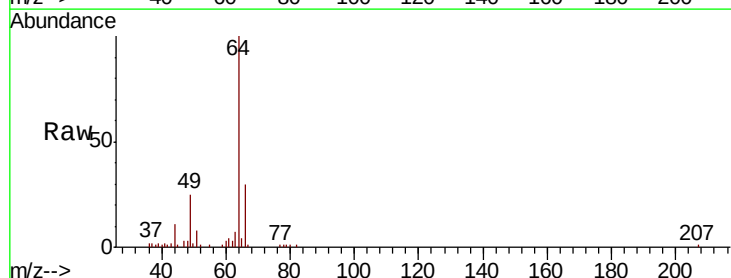
Acq: 11 Dec 2019 13:08

Tgt Ion: 64 Resp: 52846

Ion Ratio Lower Upper

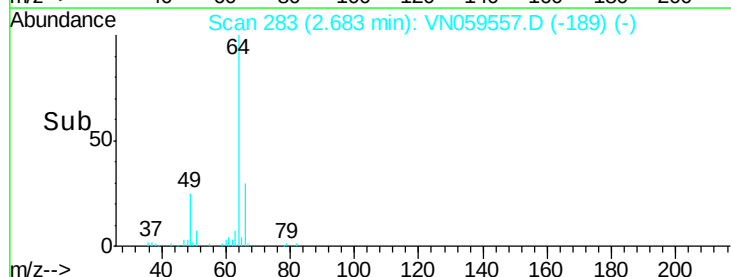
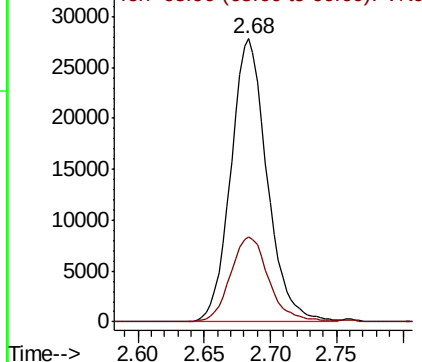
64 100

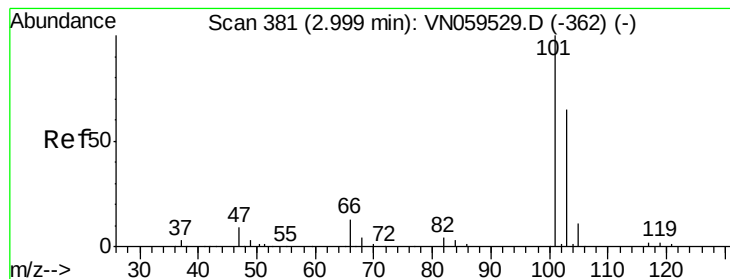
66 30.1 26.7 40.1



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

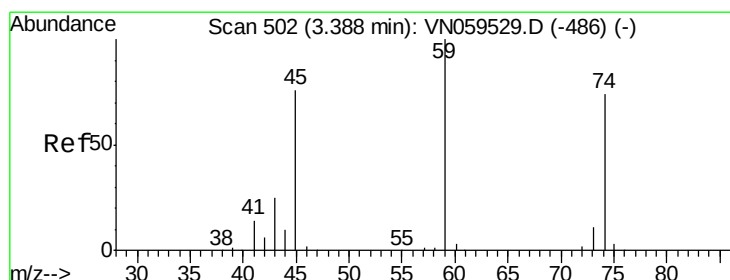
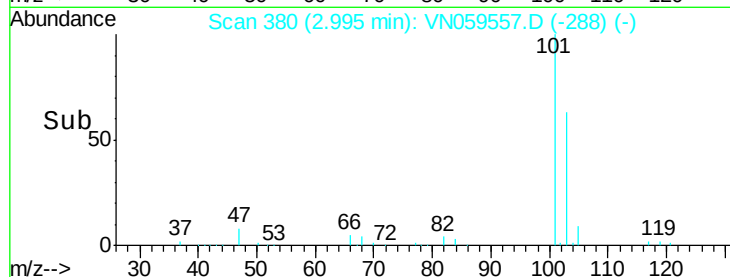
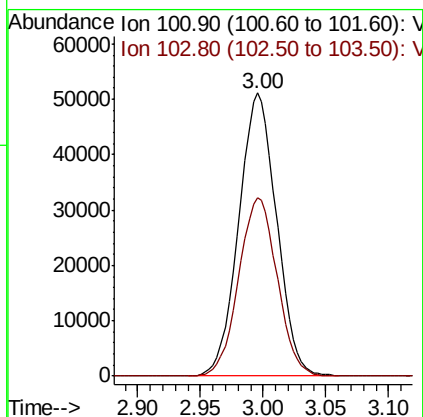
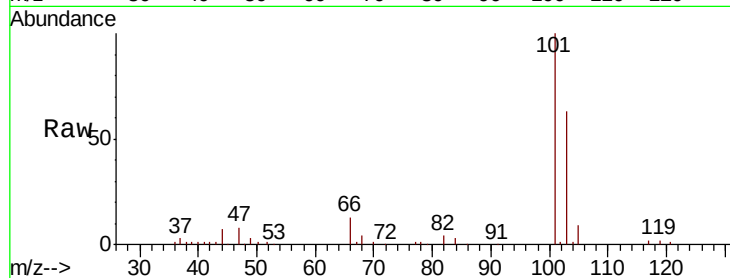
Trichlorofluoromethane
Concen: 21.872 ug/l
RT: 3.00 min Scan# 380
Delta R.T. -0.00 min
Lab File: VN059557.D
Acq: 11 Dec 2019 13:08

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VN1211WBS01

Tot Ion:101 Resp: 107280
Ion Ratio Lower Upper
101 100
103 63.2 52.2 78.4

Manual Integrations
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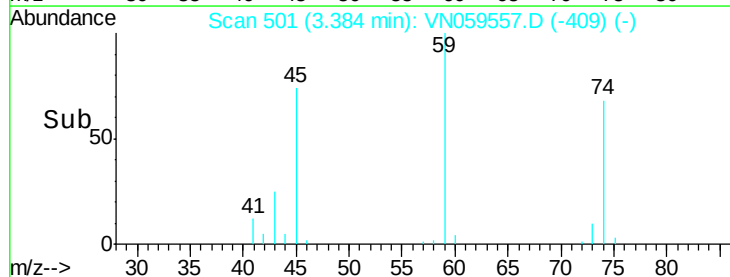
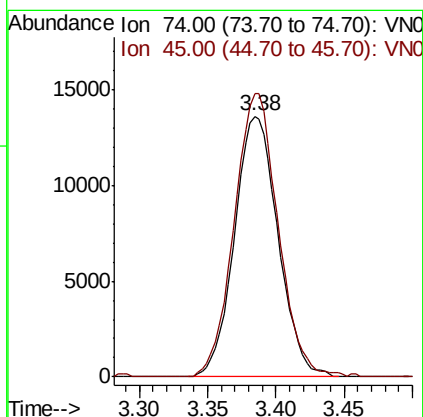
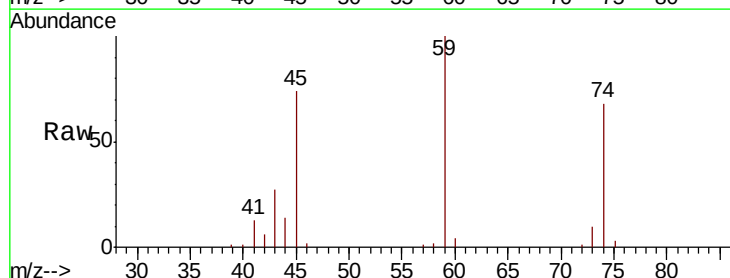
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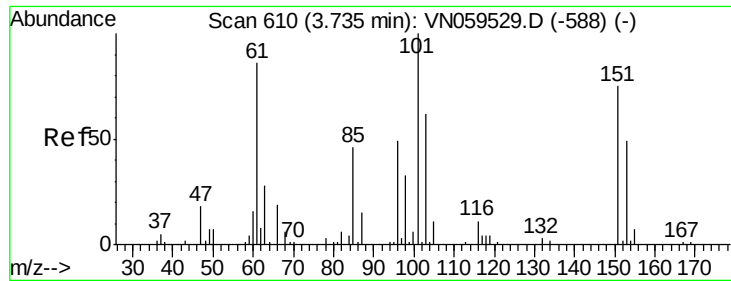


#8

Diethyl Ether
Concen: 17.980 ug/l
RT: 3.38 min Scan# 501
Delta R.T. -0.00 min
Lab File: VN059557.D
Acq: 11 Dec 2019 13:08

Tgt Ion: 74 Resp: 30224
Ion Ratio Lower Upper
74 100
45 109.6 52.6 157.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.019 ug/l

RT: 3.73 min Scan# 609

Delta R.T. -0.00 min

Lab File: VN059557.D

Acq: 11 Dec 2019 13:08

Instrument :

MSVOA_N

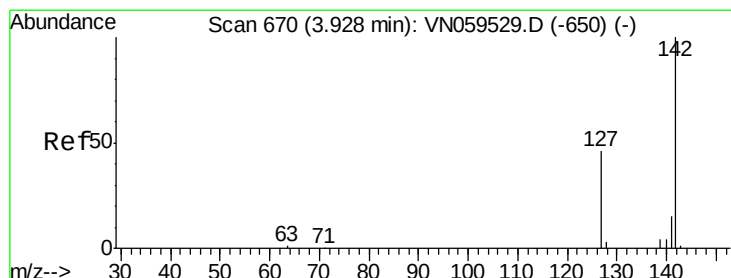
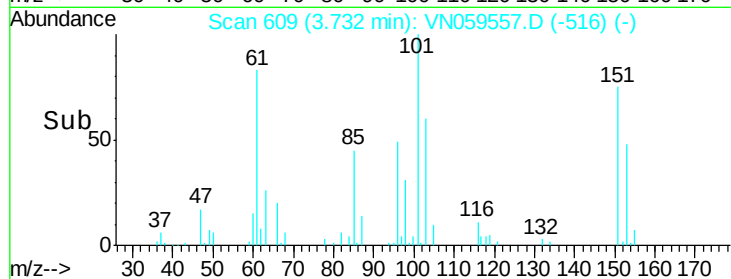
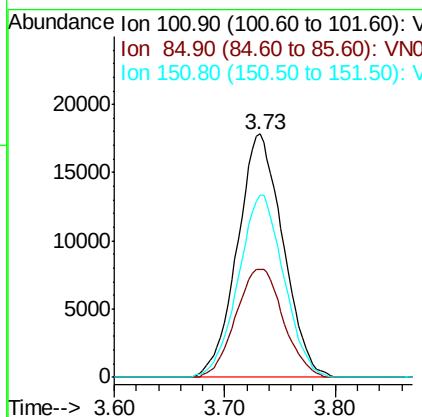
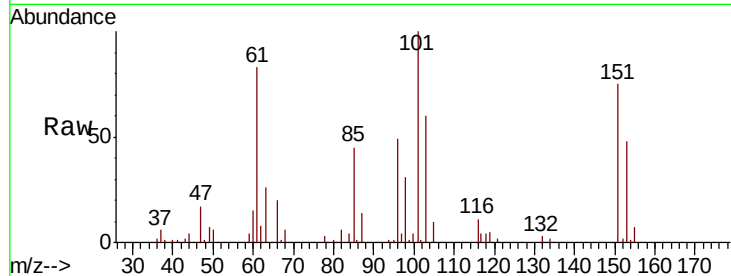
ClientSampleId :

VN1211WBS01

Tot Ion:	101	Resp:	51103
Ion Ratio	Lower	Upper	
101	100		
85	46.2	36.6	54.8
151	74.7	59.3	88.9

Manual Integrations
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#10

Methyl Iodide

Concen: 18.713 ug/l

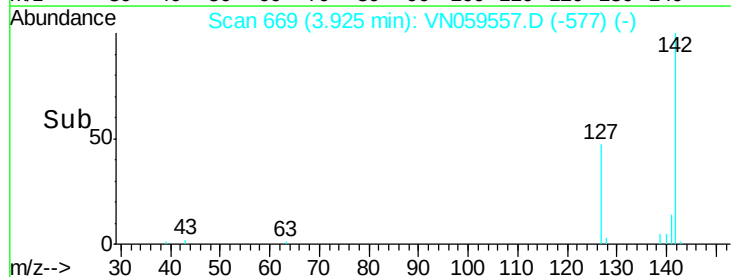
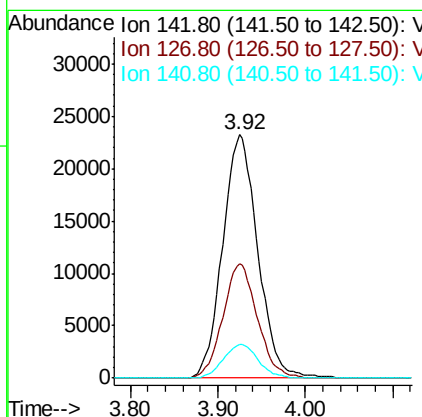
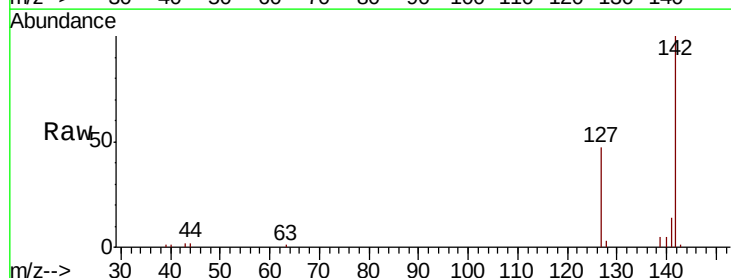
RT: 3.92 min Scan# 669

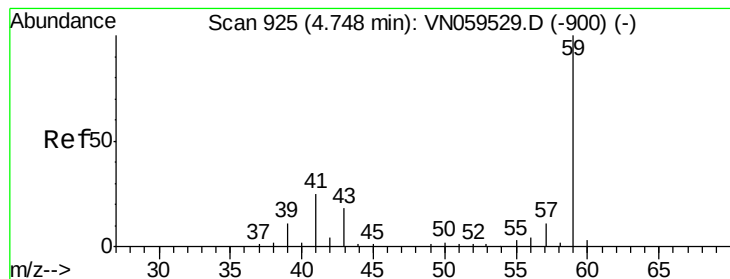
Delta R.T. -0.00 min

Lab File: VN059557.D

Acq: 11 Dec 2019 13:08

Tgt Ion:	142	Resp:	64681
Ion Ratio	Lower	Upper	
142	100		
127	46.0	36.6	54.8
141	13.7	11.6	17.4





#11

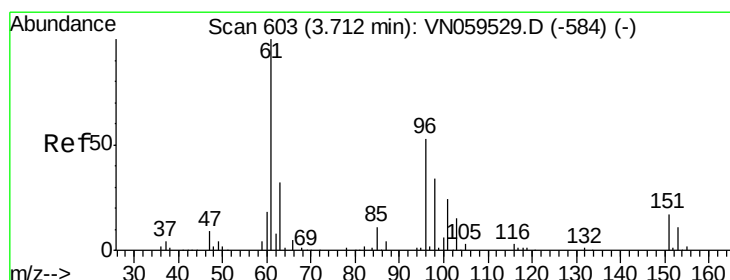
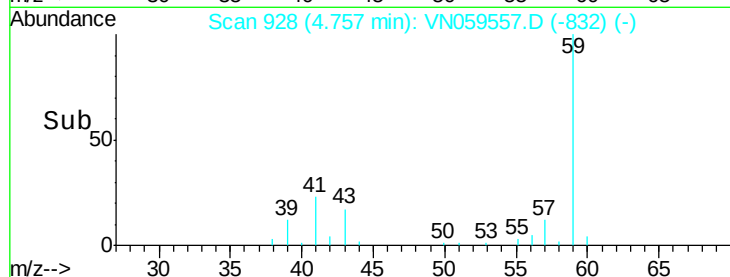
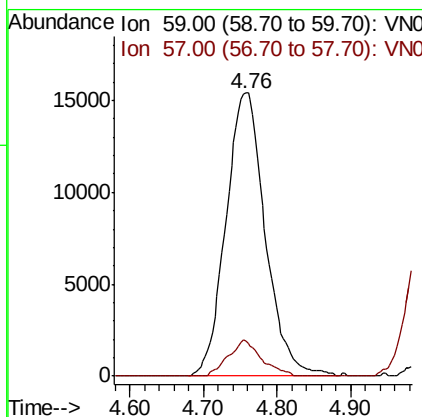
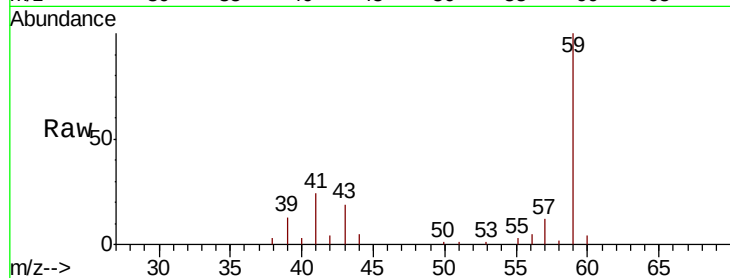
Tert butyl alcohol
 Concen: 103.767 ug/l
 RT: 4.76 min Scan# 928
 Delta R.T. 0.01 min
 Lab File: VN059557.D
 Acq: 11 Dec 2019 13:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1211WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.7	8.6	13.0

Manual Integrations
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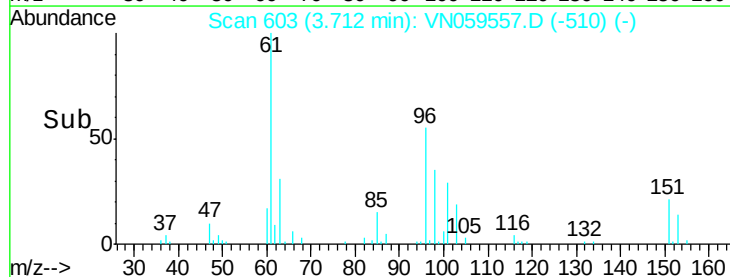
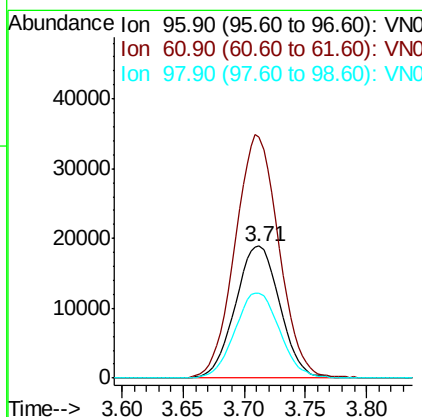
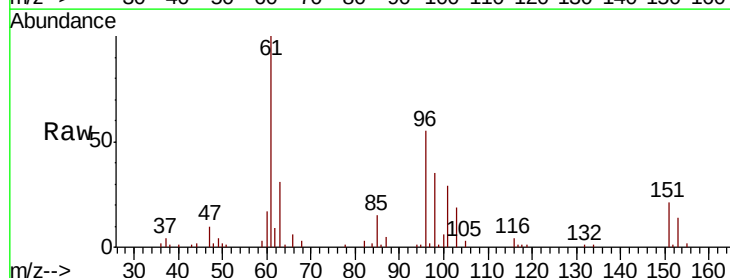
apatel
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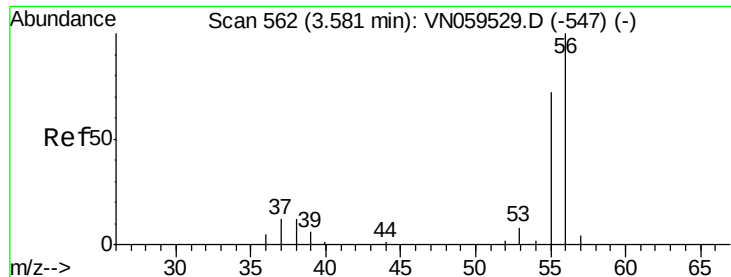


#12

1,1-Dichloroethene
 Concen: 19.233 ug/l
 RT: 3.71 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: VN059557.D
 Acq: 11 Dec 2019 13:08

Tgt Ion	Ratio	Lower	Upper
96	100		
61	183.4	149.8	224.6
98	64.9	50.6	75.8





#13

Acrolein

Concen: 53.316 ug/l

RT: 3.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VN059557.D

Acq: 11 Dec 2019 13:08

Instrument :

MSVOA_N

ClientSampleId :

VN1211WBS01

Tot Ion: 56 Resp: 14303

Ion Ratio Lower Upper

56 100

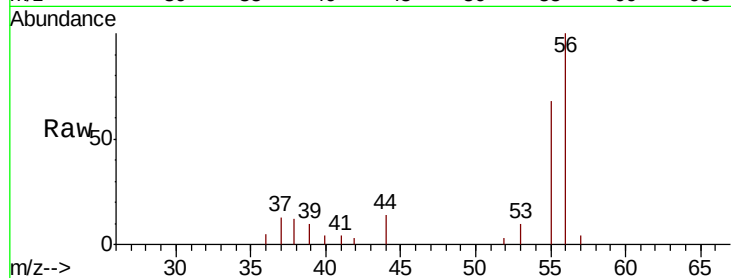
55 70.1 56.9 85.3

Manual Integrations

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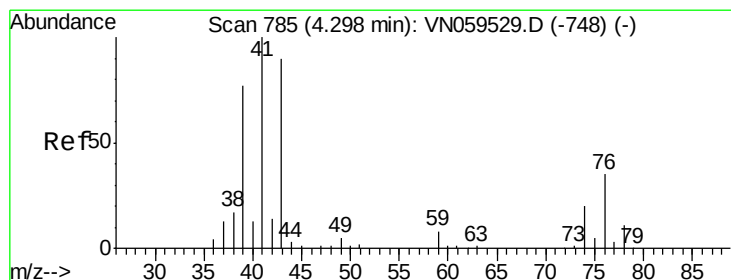
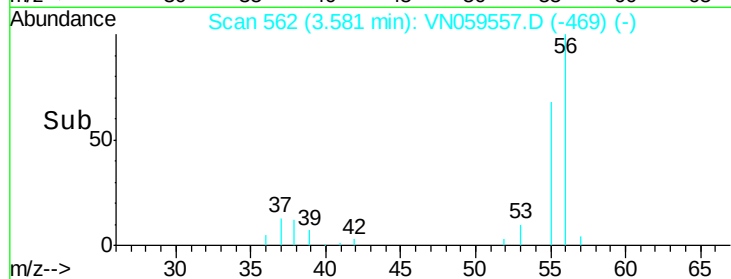
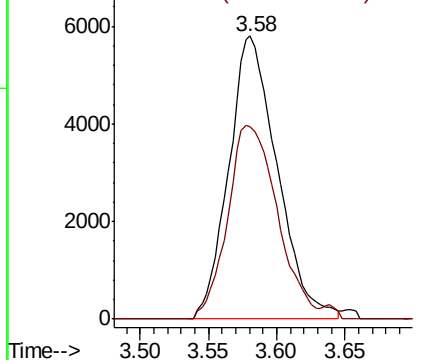
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Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 19.591 ug/l

RT: 4.29 min Scan# 783

Delta R.T. -0.01 min

Lab File: VN059557.D

Acq: 11 Dec 2019 13:08

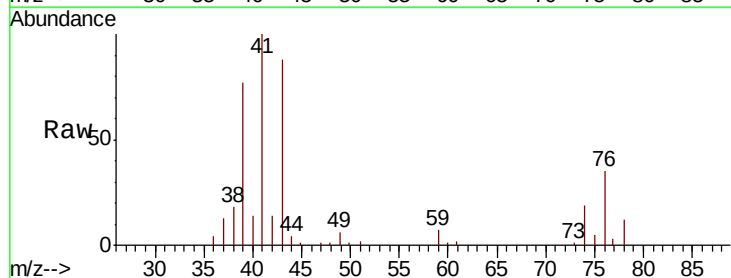
Tgt Ion: 41 Resp: 93523

Ion Ratio Lower Upper

41 100

39 72.6 56.7 85.1

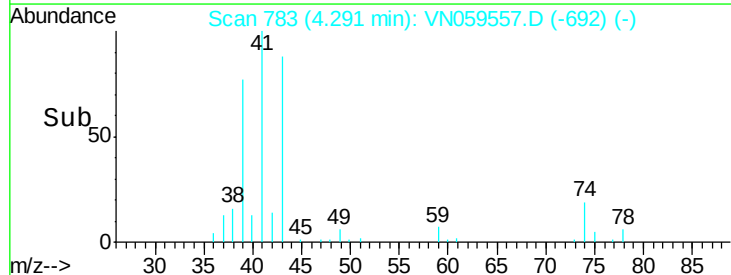
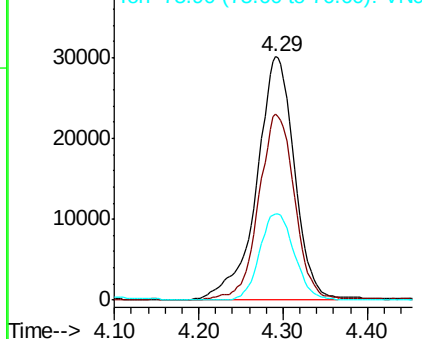
76 32.4 25.5 38.3

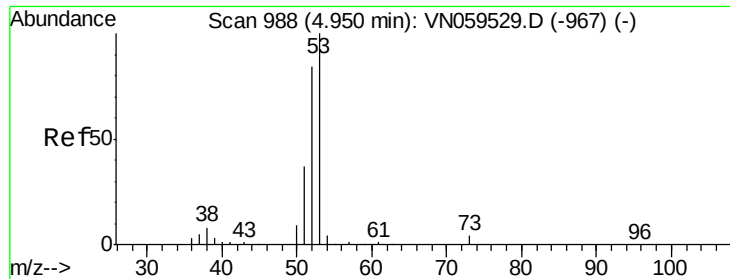


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 100.735 ug/l

RT: 4.95 min Scan# 989

Delta R.T. 0.00 min

Lab File: VN059557.D

Acq: 11 Dec 2019 13:08

Instrument :

MSVOA_N

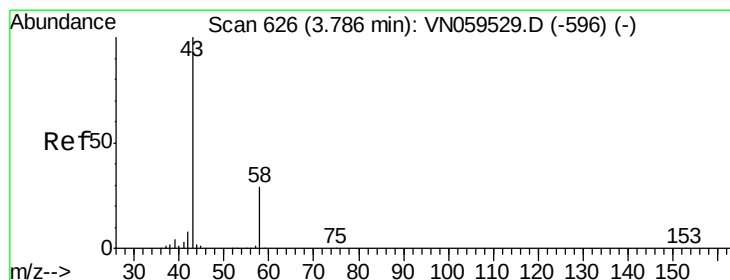
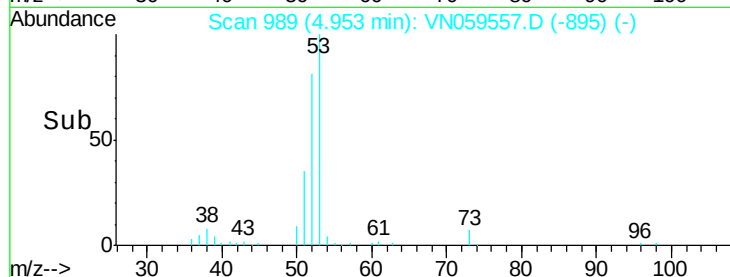
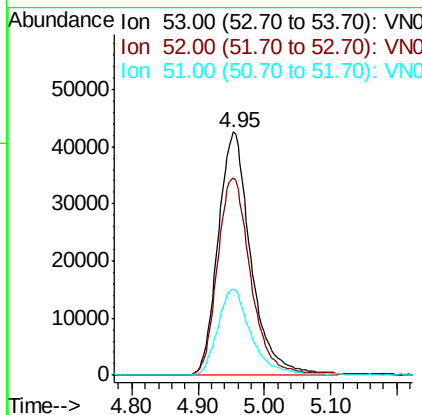
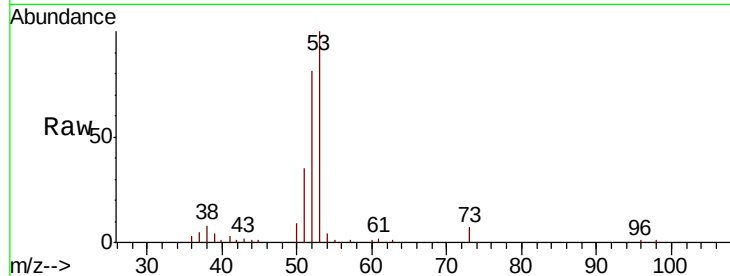
ClientSampleId :

VN1211WBS01

Tot Ion:	53	Resp:	146467
Ion	Ratio	Lower	Upper
53	100		
52	81.8	66.6	99.8
51	36.2	29.8	44.8

Manual Integrations
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#16

Acetone

Concen: 88.866 ug/l

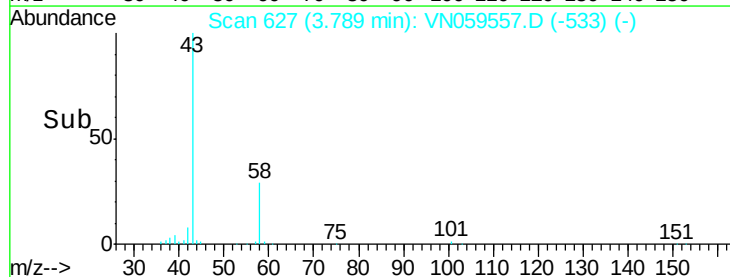
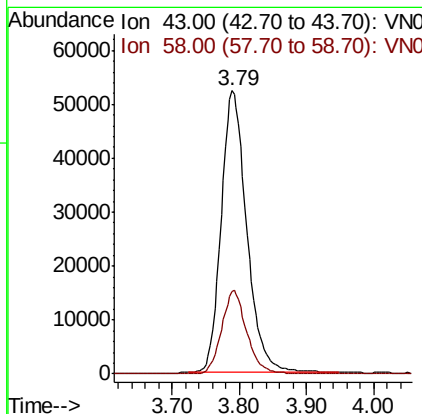
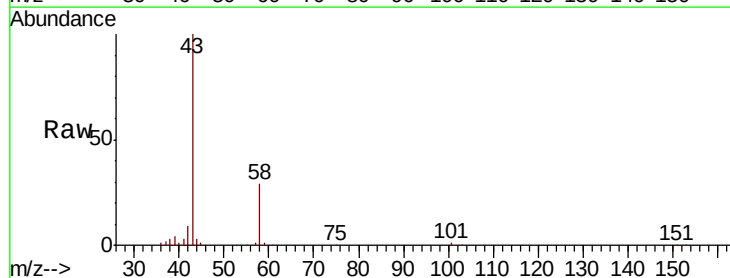
RT: 3.79 min Scan# 627

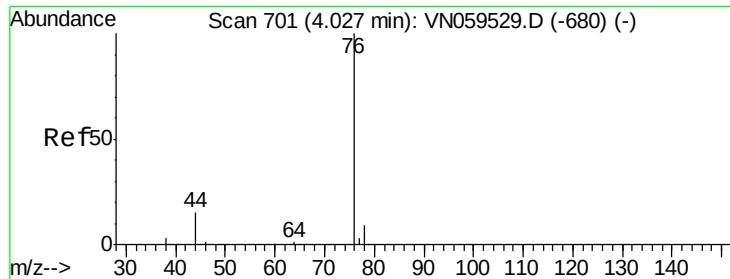
Delta R.T. 0.00 min

Lab File: VN059557.D

Acq: 11 Dec 2019 13:08

Tgt Ion:	43	Resp:	138333
Ion	Ratio	Lower	Upper
43	100		
58	29.2	23.0	34.4





#17

Carbon Disulfide

Concen: 19.568 ug/l

RT: 4.02 min Scan# 700

Delta R.T. -0.00 min

Lab File: VN059557.D

Acq: 11 Dec 2019 13:08

Instrument :

MSVOA_N

ClientSampleId :

VN1211WBS01

Tot Ion: 76 Resp: 156484

Ion Ratio Lower Upper

76 100

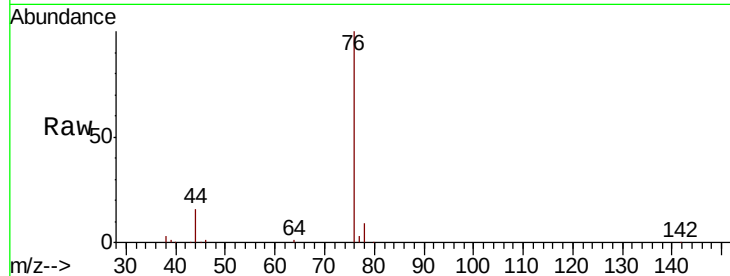
78 9.2 7.4 11.2

Manual Integrations

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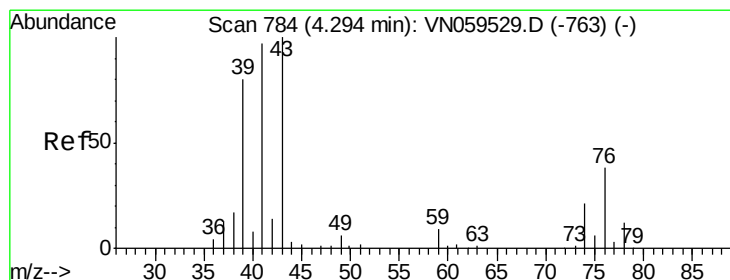
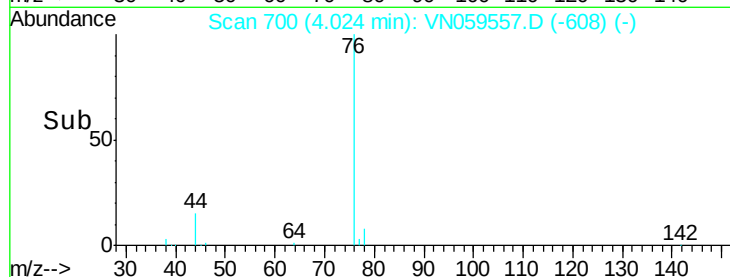
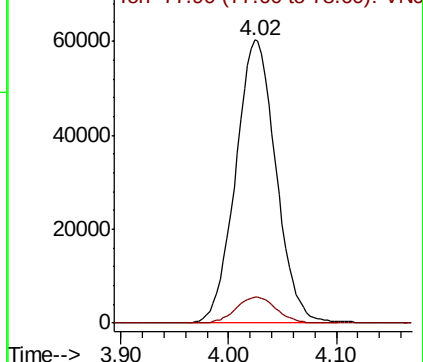
apatel

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Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 19.177 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.00 min

Lab File: VN059557.D

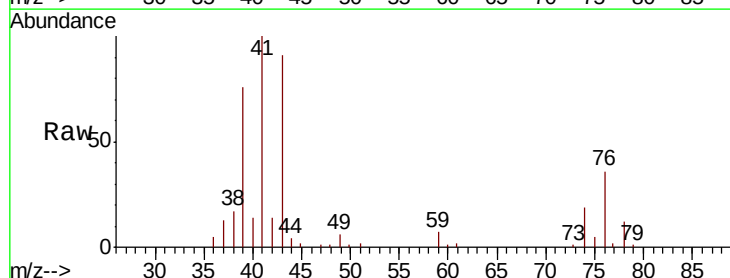
Acq: 11 Dec 2019 13:08

Tgt Ion: 43 Resp: 78374

Ion Ratio Lower Upper

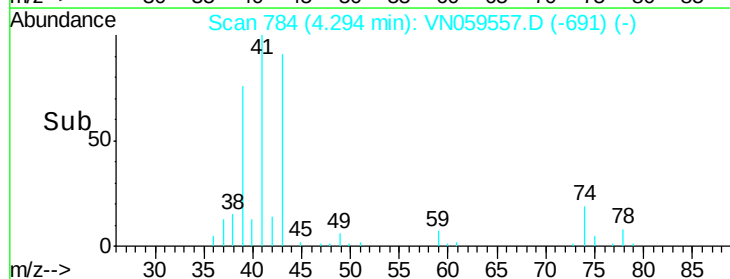
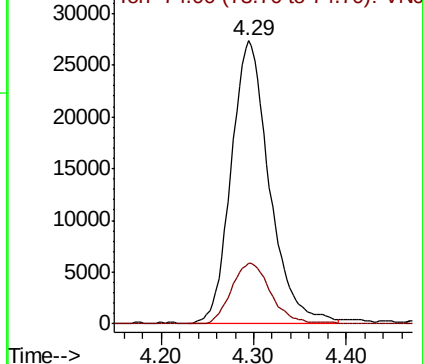
43 100

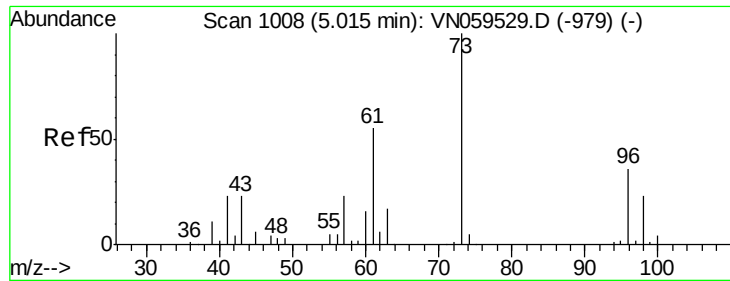
74 21.9 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0





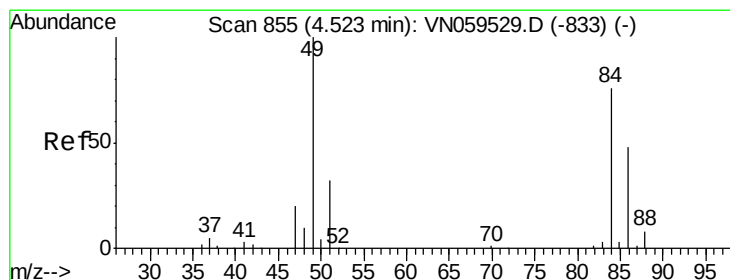
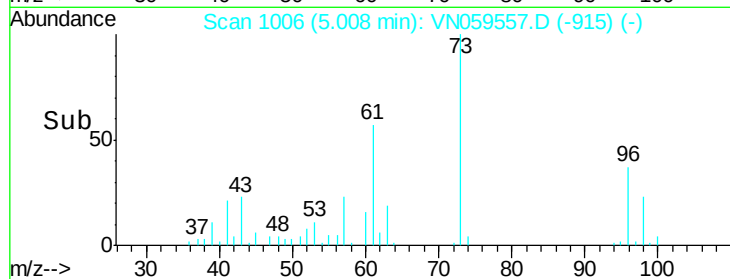
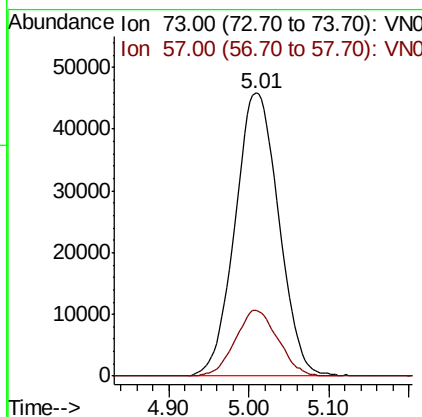
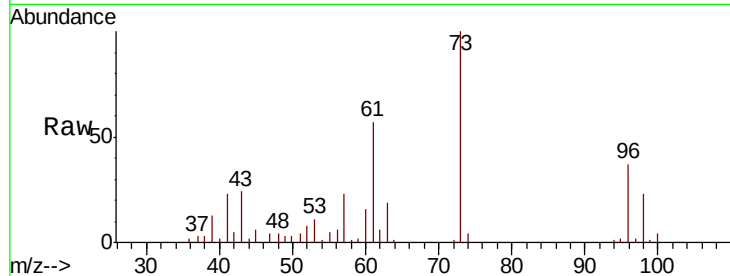
#19
Methyl tert-butyl Ether
Concen: 20.681 ug/l
RT: 5.01 min Scan# 1006
Delta R.T. -0.01 min
Lab File: VN059557.D
Acq: 11 Dec 2019 13:08

Instrument :
MSVOA_N
ClientSampleId :
VN1211WBS01

Tot Ion: 73 Resp: 170594
Ion Ratio Lower Upper
73 100
57 23.4 18.3 27.5

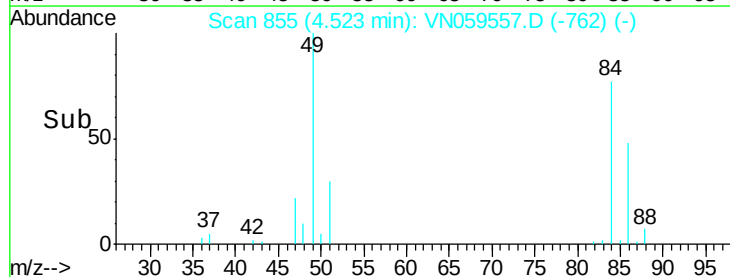
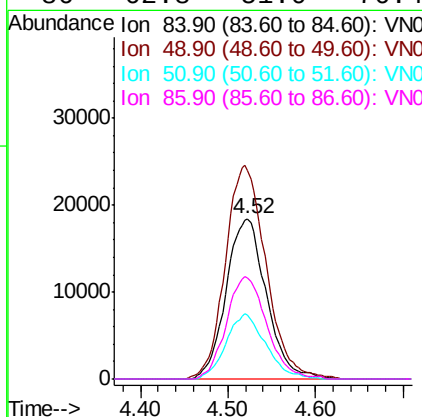
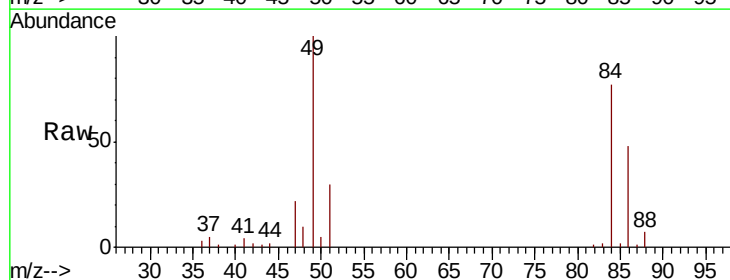
Manual Integrations
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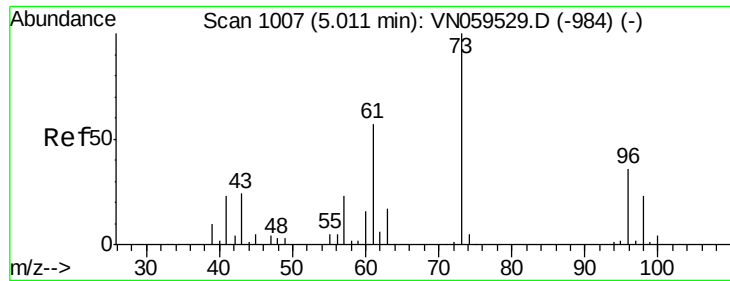
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#20
Methylene Chloride
Concen: 20.800 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN059557.D
Acq: 11 Dec 2019 13:08

Tgt Ion: 84 Resp: 58796
Ion Ratio Lower Upper
84 100
49 129.2 105.8 158.8
51 39.6 33.7 50.5
86 62.8 51.0 76.4





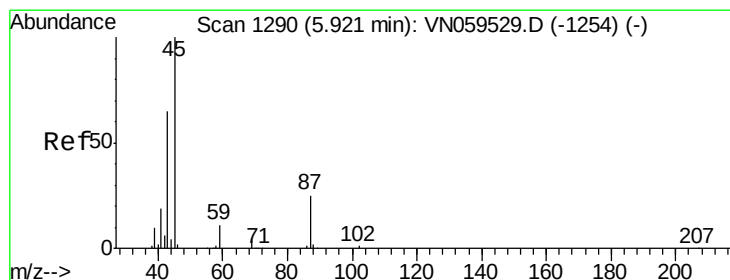
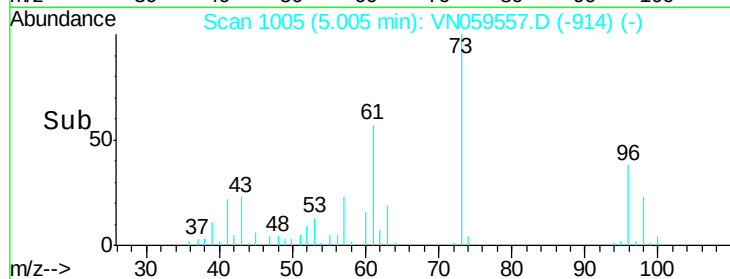
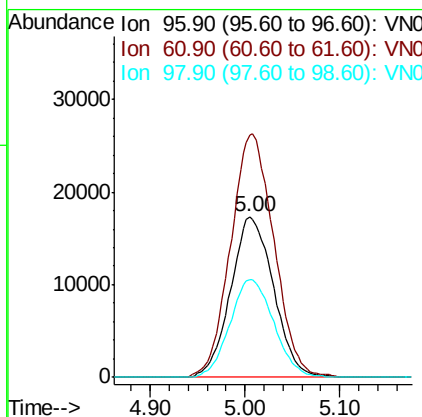
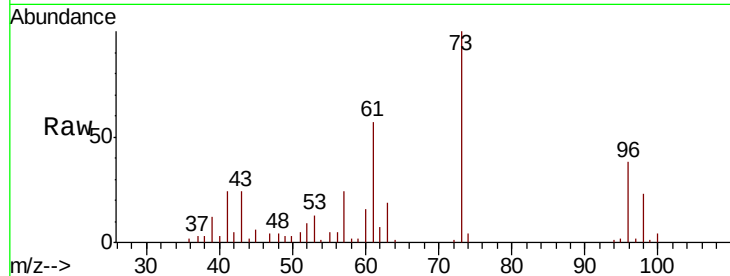
#21
trans-1,2-Dichloroethene
Concen: 20.487 ug/l
RT: 5.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: VN059557.D
Acq: 11 Dec 2019 13:08

Instrument :
MSVOA_N
ClientSampleId :
VN1211WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	150.6	124.8	187.2
98	61.0	51.0	76.4

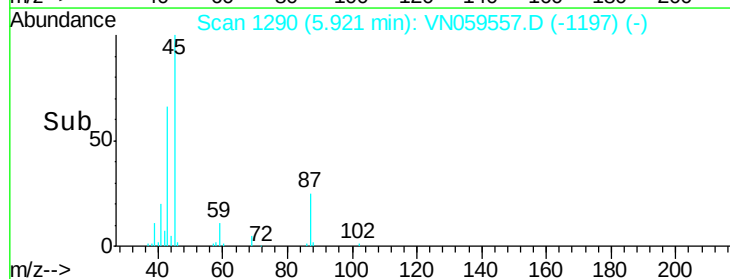
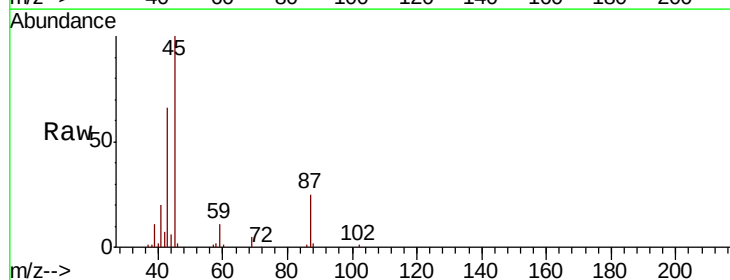
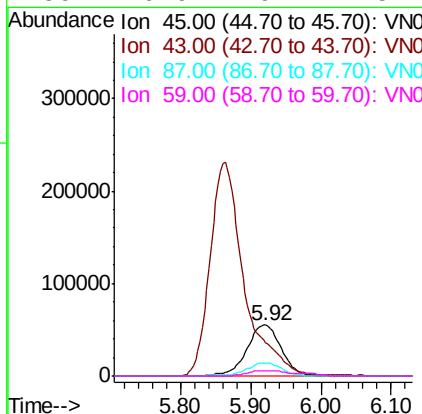
Manual Integrations
APPROVED

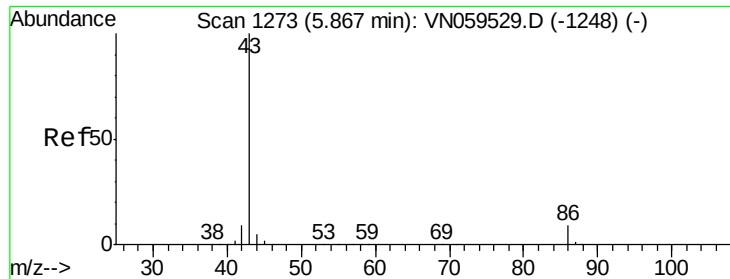
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#22
Diisopropyl ether
Concen: 20.639 ug/l
RT: 5.92 min Scan# 1290
Delta R.T. 0.00 min
Lab File: VN059557.D
Acq: 11 Dec 2019 13:08

Tgt Ion	Ratio	Lower	Upper
45	100		
43	63.8	52.8	79.2
87	25.1	20.2	30.4
59	10.9	9.1	13.7





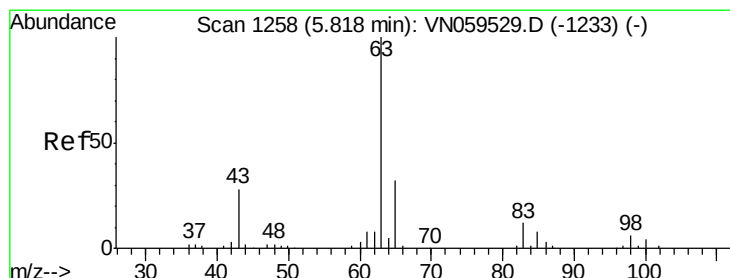
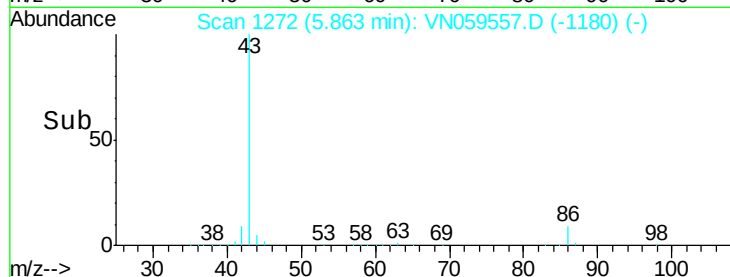
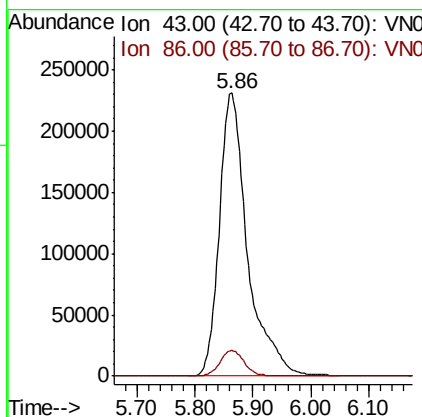
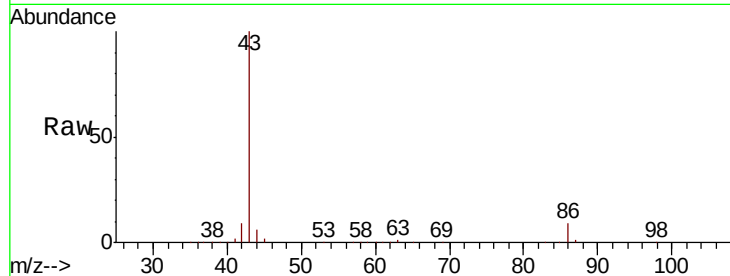
#23
 Vinyl Acetate
 Concen: 102.931 ug/l
 RT: 5.86 min Scan# 1272
 Delta R.T. -0.00 min
 Lab File: VN059557.D
 Acq: 11 Dec 2019 13:08

Instrument :
 MSVOA_N
 ClientSampleID :
 VN1211WBS01

Tot Ion	43	Resp	780292
Ion Ratio	100	Lower	Upper
43	100		
86	9.0	7.4	11.2

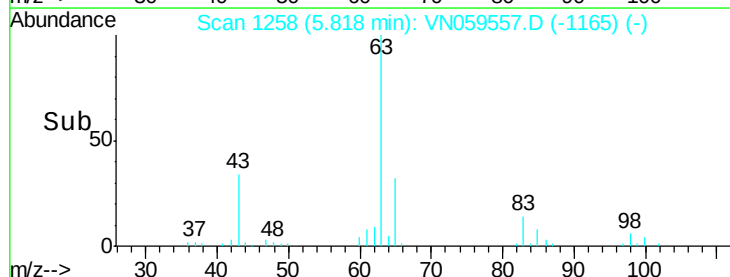
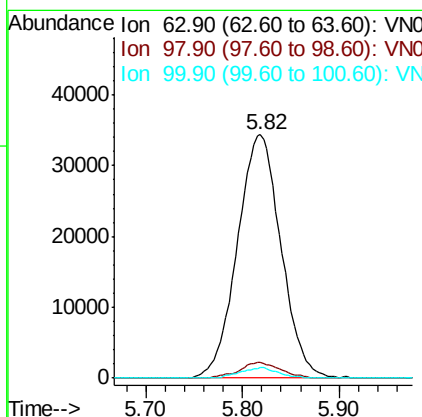
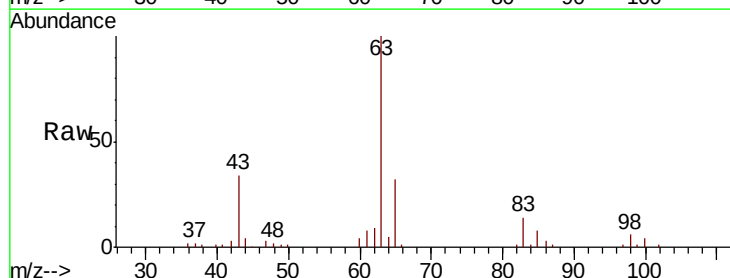
Manual Integrations
 APPROVED

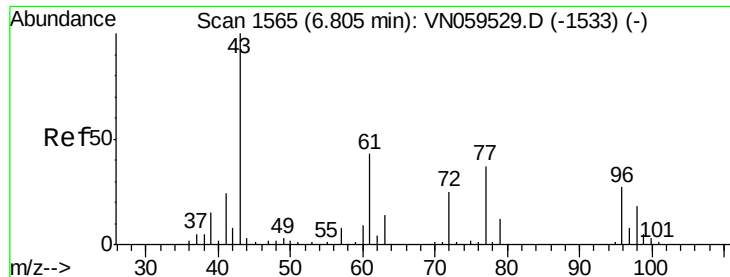
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#24
 1,1-Dichloroethane
 Concen: 20.834 ug/l
 RT: 5.82 min Scan# 1258
 Delta R.T. 0.00 min
 Lab File: VN059557.D
 Acq: 11 Dec 2019 13:08

Tgt Ion	63	Resp	107496
Ion Ratio	100	Lower	Upper
63	100		
98	6.4	3.0	9.0
100	4.3	1.8	5.3





#25

2-Butanone

Concen: 98.563 ug/l

RT: 6.81 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN059557.D

Acq: 11 Dec 2019 13:08

Instrument :

MSVOA_N

ClientSampleId :

VN1211WBS01

Tot Ion: 43 Resp: 206520

Ion Ratio Lower Upper

43 100

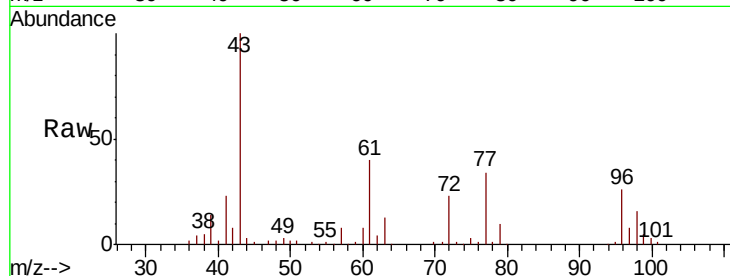
72 22.9 19.9 29.9

Manual Integrations

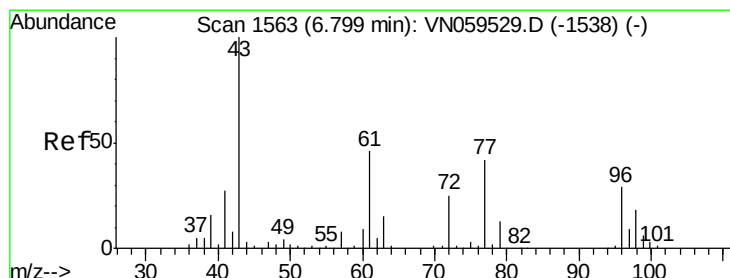
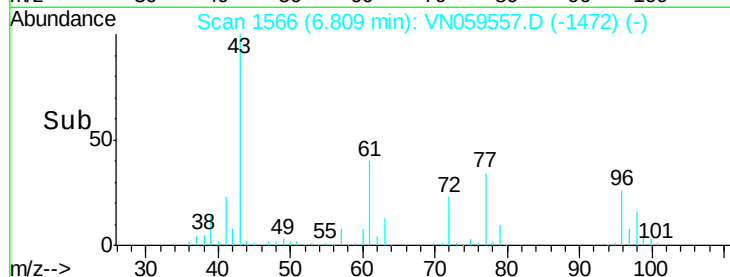
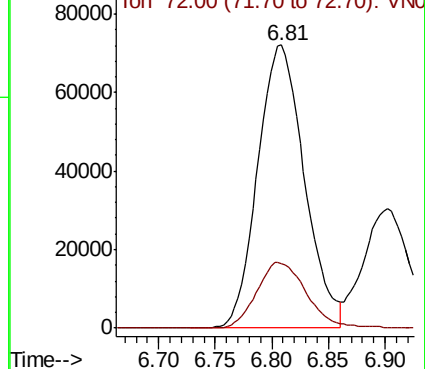
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Abundance Ion 43.00 (42.70 to 43.70): VN059529.D (-1533) (-)



#26

2,2-Dichloropropane

Concen: 20.970 ug/l

RT: 6.79 min Scan# 1561

Delta R.T. -0.01 min

Lab File: VN059557.D

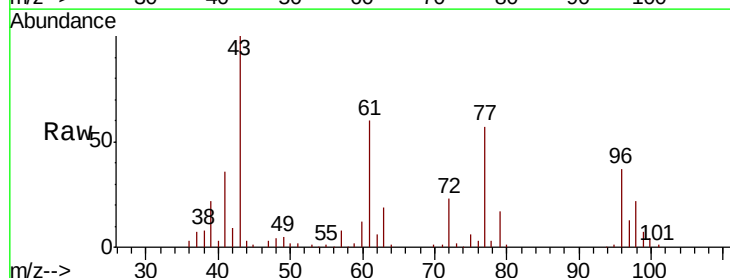
Acq: 11 Dec 2019 13:08

Tgt Ion: 77 Resp: 97747

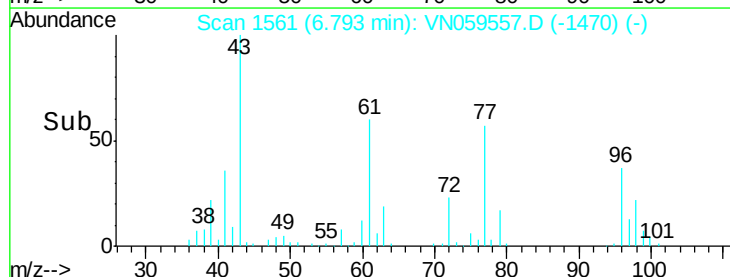
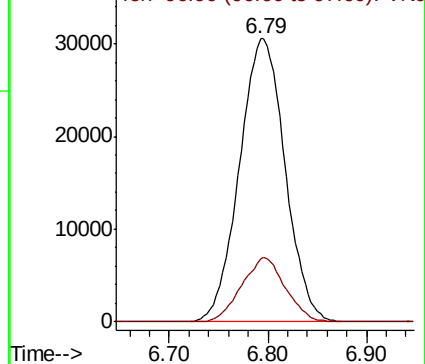
Ion Ratio Lower Upper

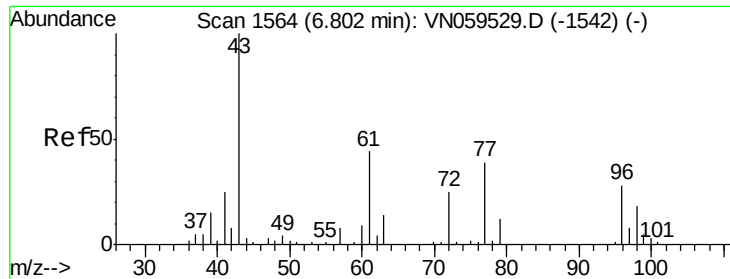
77 100

97 21.7 10.5 31.6



Abundance Ion 76.90 (76.60 to 77.60): VN059529.D (-1538) (-)





#27

cis-1,2-Dichloroethene

Concen: 20.371 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. 0.00 min

Lab File: VN059557.D

Acq: 11 Dec 2019 13:08

Instrument :

MSVOA_N

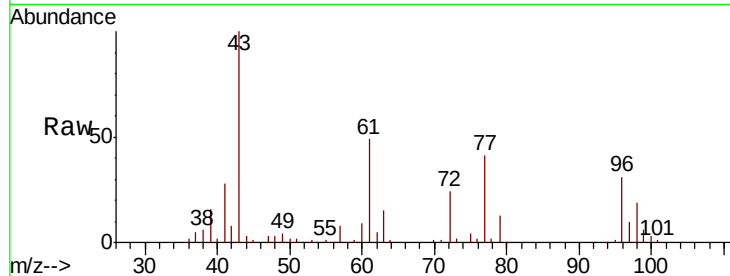
ClientSampleId :

VN1211WBS01

Tot Ion:	96	Resp:	61026
Ion	Ratio	Lower	Upper
96	100		
61	161.7	0.0	320.0
98	63.4	0.0	128.6

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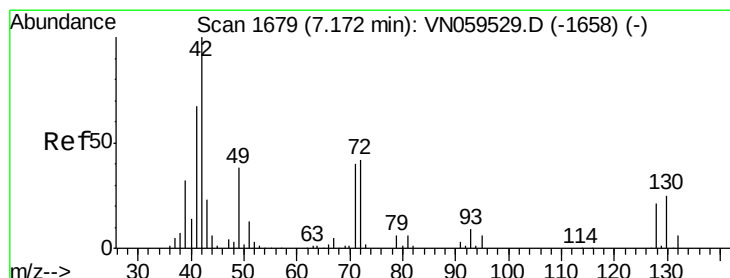
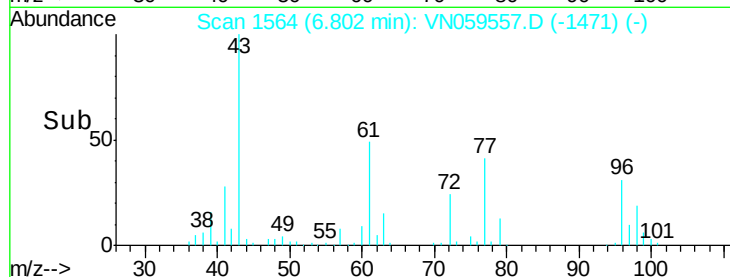
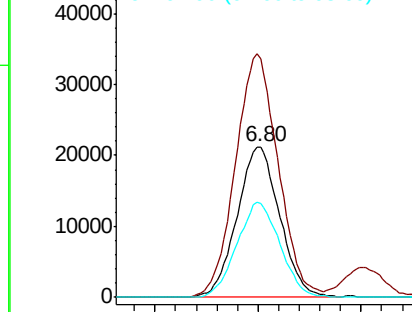


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 20.285 ug/l

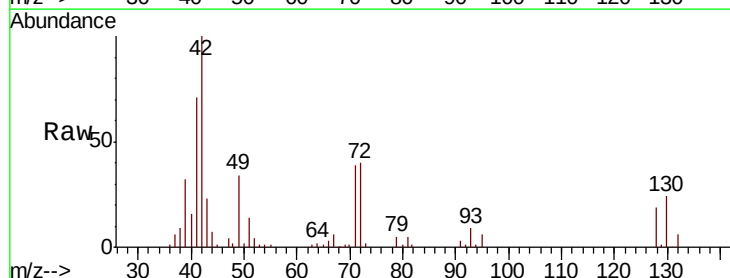
RT: 7.17 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VN059557.D

Acq: 11 Dec 2019 13:08

Tgt Ion:	49	Resp:	36083
Ion	Ratio	Lower	Upper
49	100		
129	0.7	0.0	3.0
130	68.9	54.2	81.2

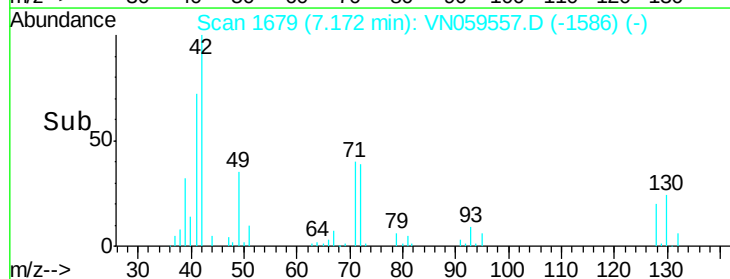
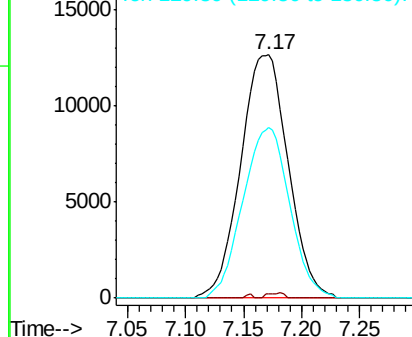


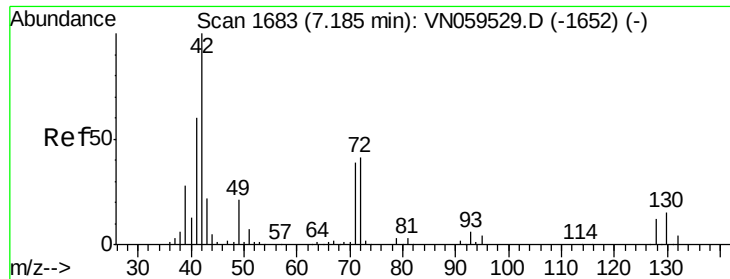
Abundance

Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





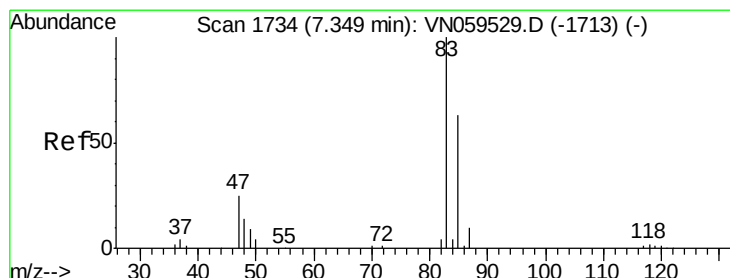
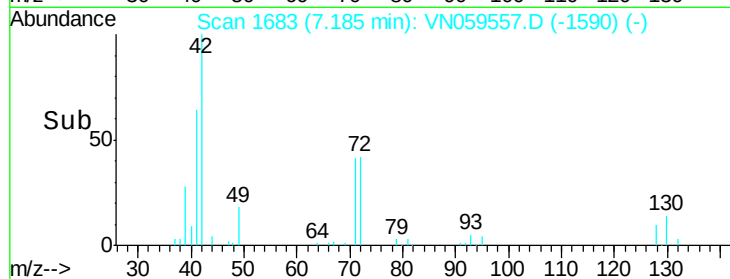
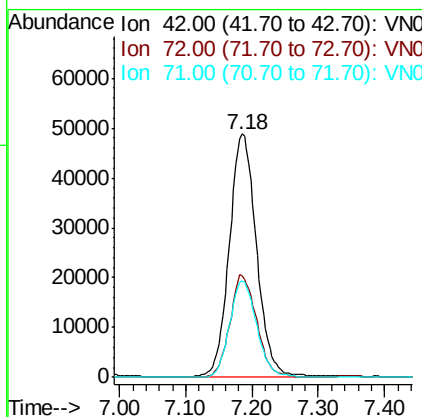
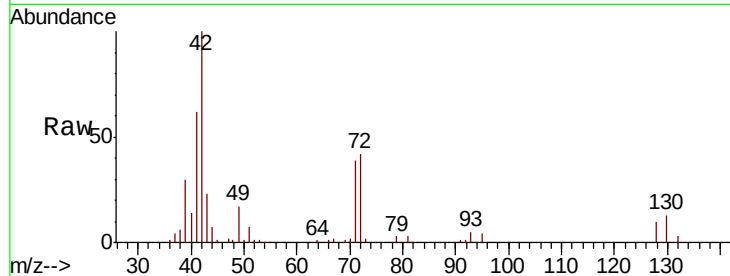
#29
Tetrahydrofuran
Concen: 96.184 ug/l
RT: 7.18 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VN059557.D
Acq: 11 Dec 2019 13:08

Instrument :
MSVOA_N
ClientSampleId :
VN1211WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.1	32.7	49.1
71	39.2	31.4	47.2

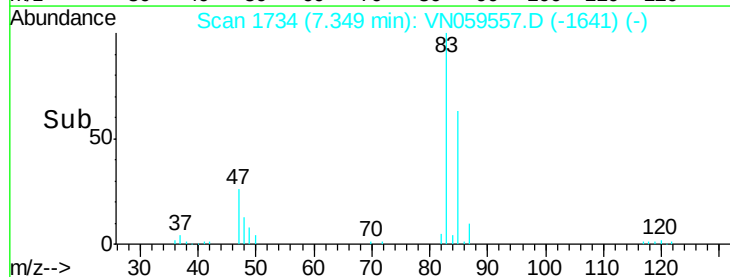
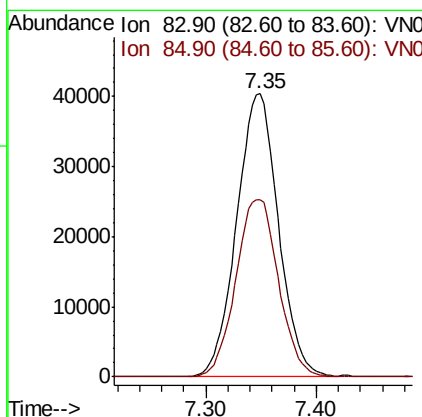
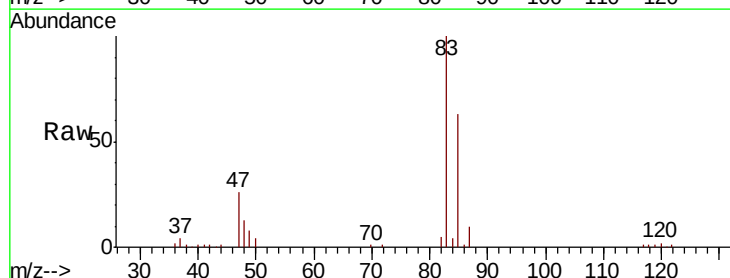
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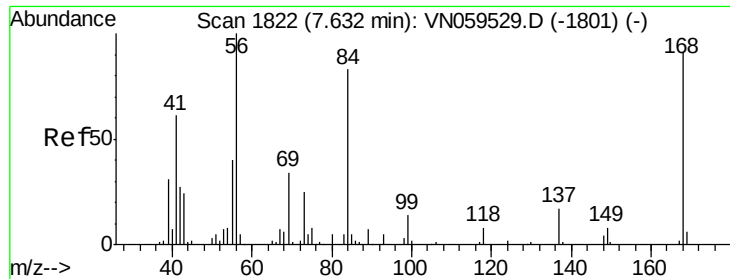
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#30
Chloroform
Concen: 20.837 ug/l
RT: 7.35 min Scan# 1734
Delta R.T. 0.00 min
Lab File: VN059557.D
Acq: 11 Dec 2019 13:08

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.5	50.6	75.8





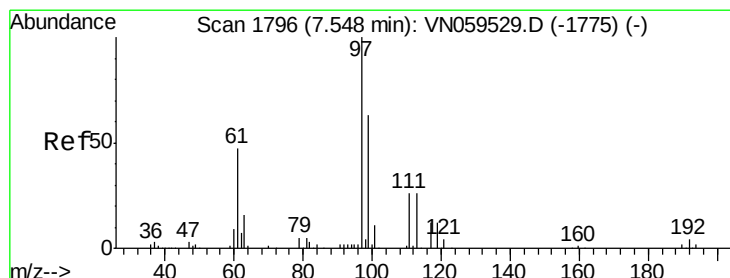
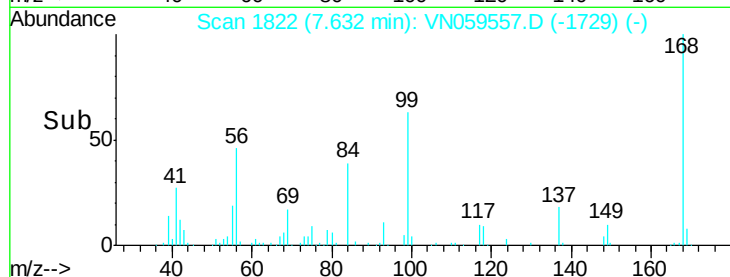
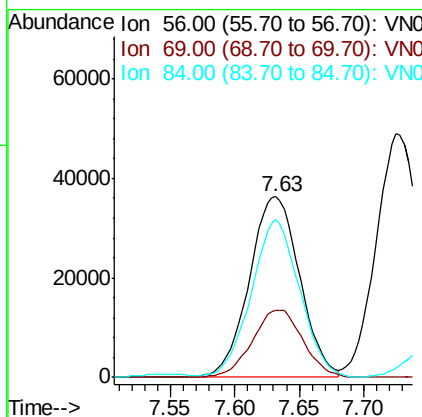
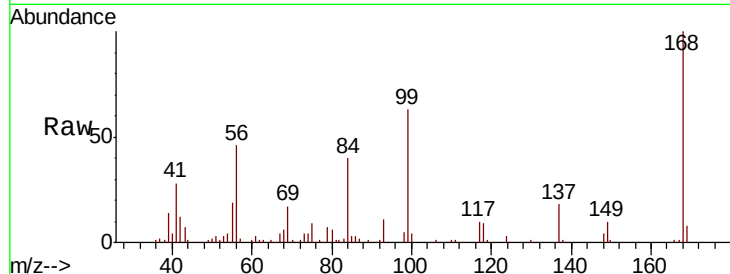
#31
Cyclohexane
Concen: 19.685 ug/l
RT: 7.63 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VN059557.D
Acq: 11 Dec 2019 13:08

Instrument :
MSVOA_N
ClientSampleId :
VN1211WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	36.9	26.9	40.3
84	86.1	66.5	99.7

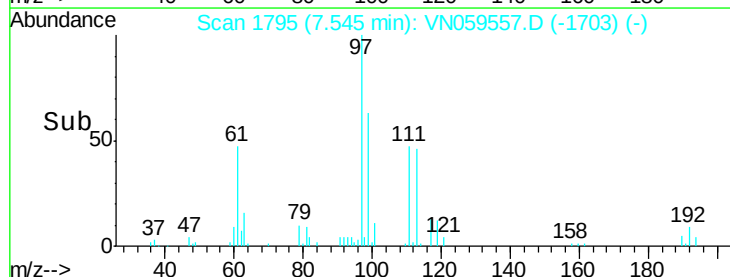
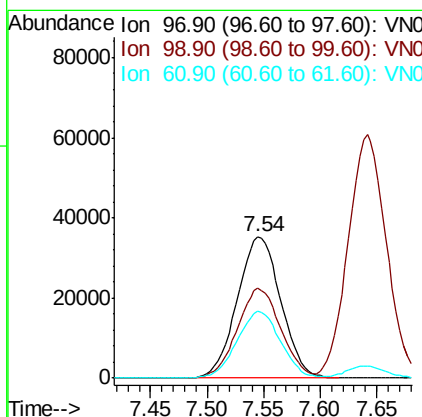
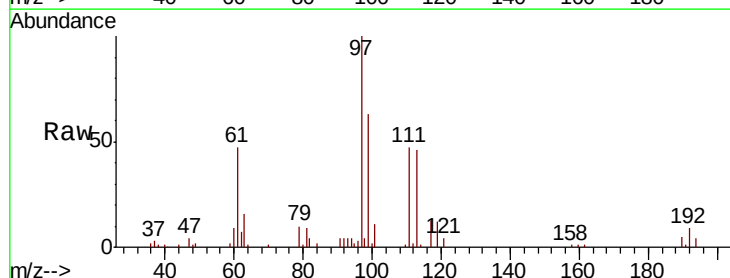
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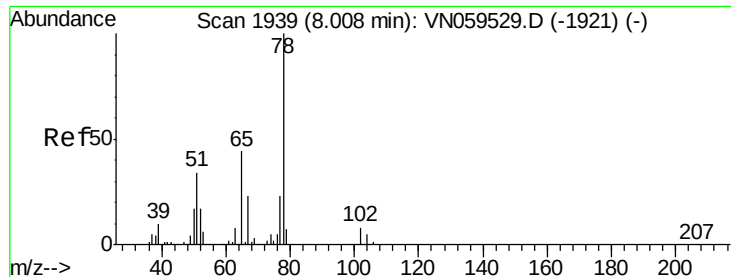
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#32
1,1,1-Trichloroethane
Concen: 20.910 ug/l
RT: 7.54 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VN059557.D
Acq: 11 Dec 2019 13:08

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.4	51.4	77.2
61	47.3	38.5	57.7





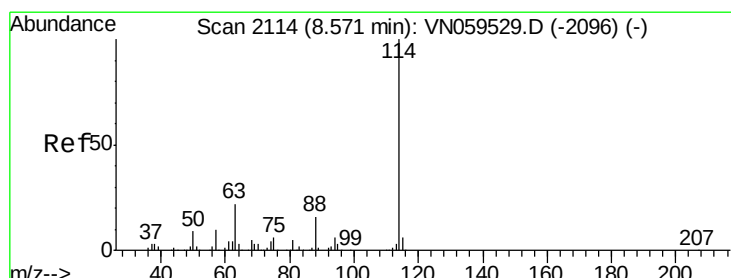
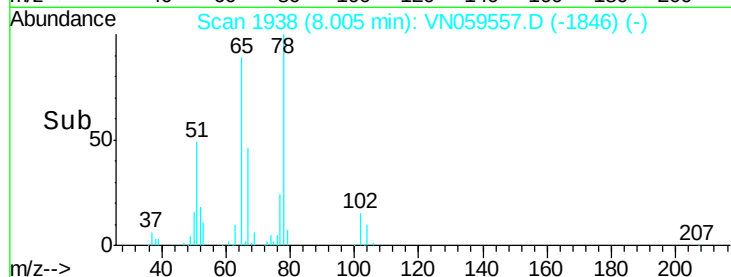
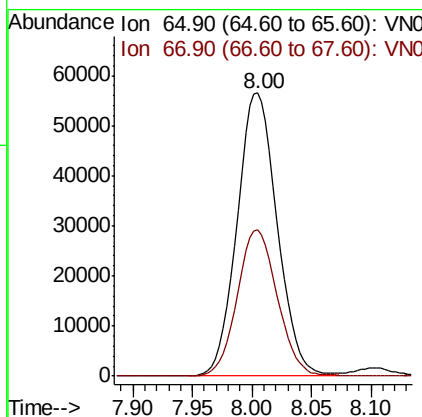
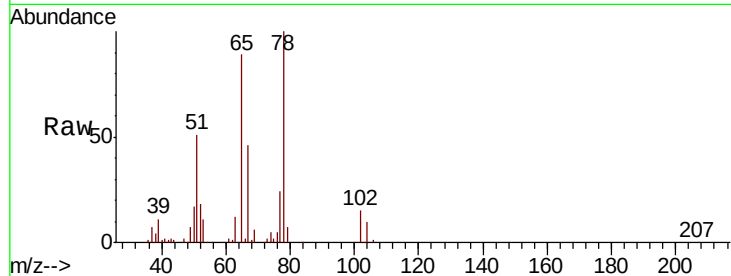
#33
 1,2-Dichloroethane-d4
 Concen: 39.640 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VN059557.D
 Acq: 11 Dec 2019 13:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1211WBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	103.6

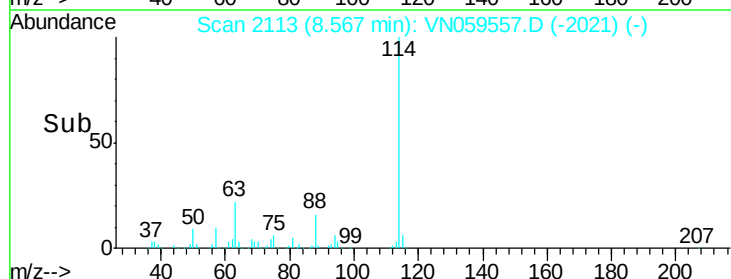
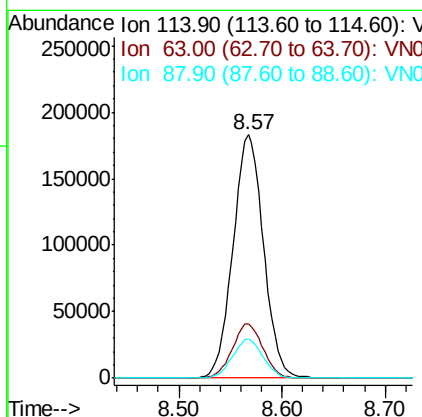
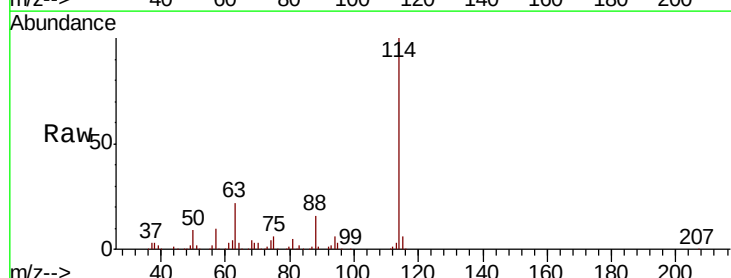
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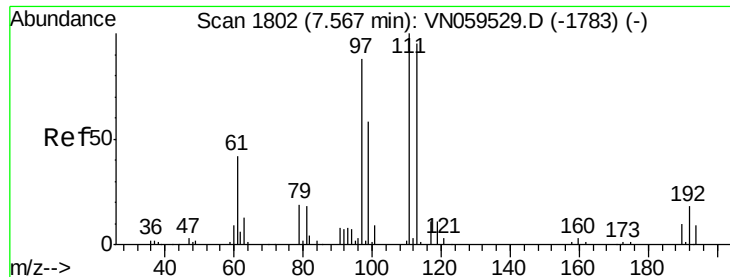
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN059557.D
 Acq: 11 Dec 2019 13:08

Tgt Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	45.0
88	16.1	0.0	32.2





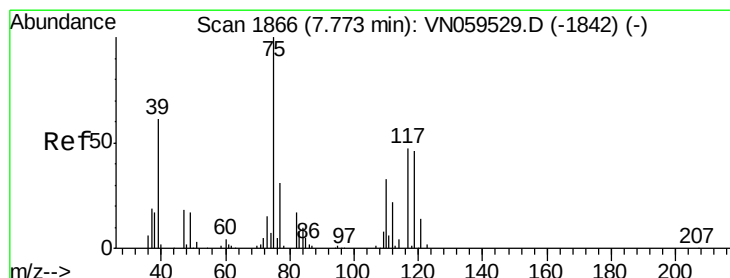
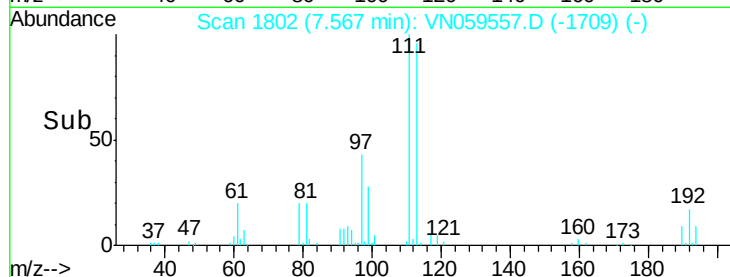
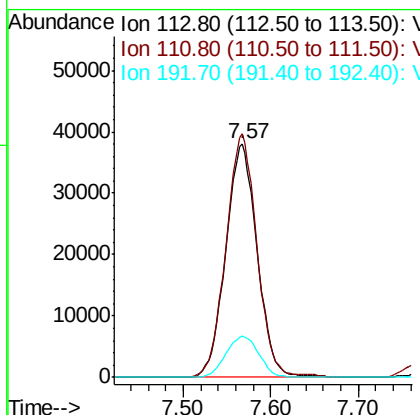
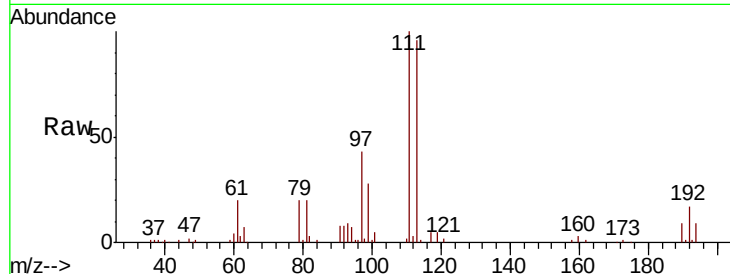
#35
 Dibromofluoromethane
 Concen: 42.011 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN059557.D
 Acq: 11 Dec 2019 13:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1211WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	102.5	82.2	123.4	
192	18.5	14.8	22.2	

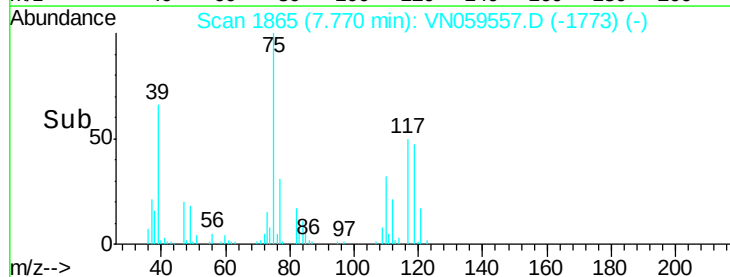
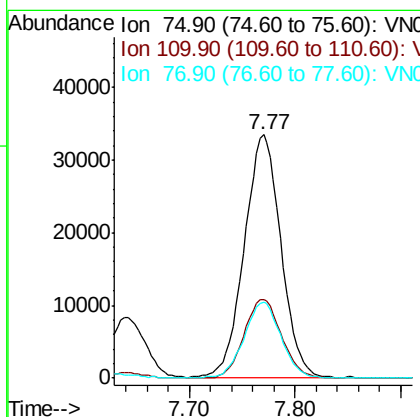
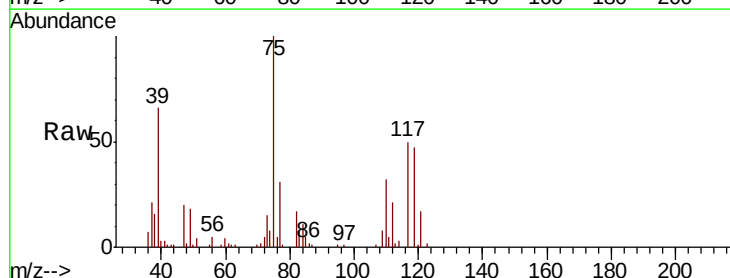
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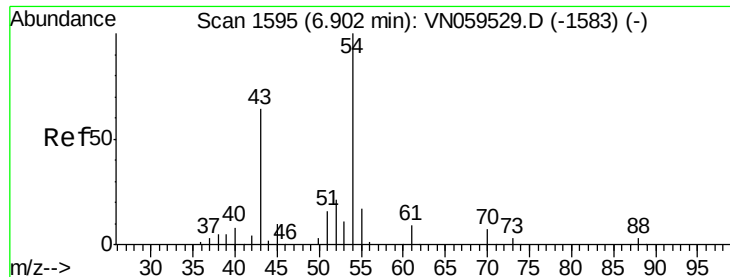
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#36
 1,1-Dichloropropene
 Concen: 21.046 ug/l
 RT: 7.77 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VN059557.D
 Acq: 11 Dec 2019 13:08

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	32.8	16.7	50.0	
77	31.2	24.6	37.0	





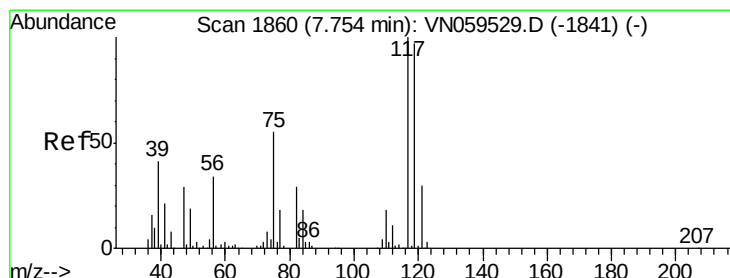
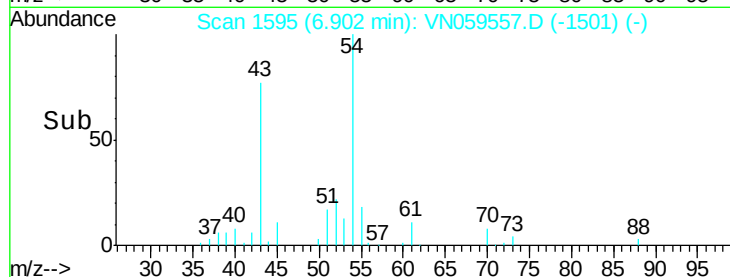
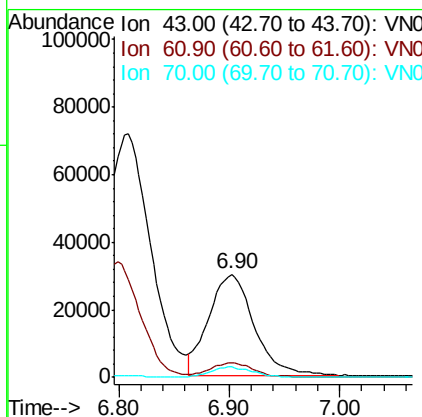
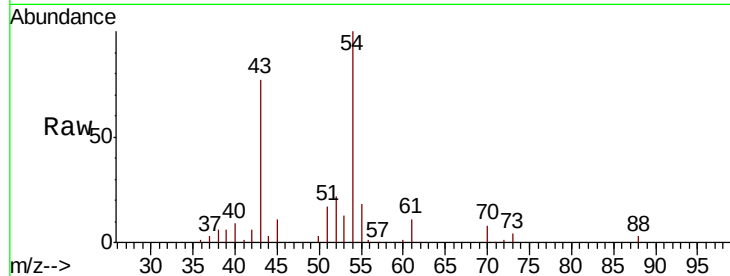
#37
Ethyl Acetate
Concen: 19.998 ug/l
RT: 6.90 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VN059557.D
Acq: 11 Dec 2019 13:08

Instrument :
MSVOA_N
ClientSampleId :
VN1211WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.0	11.0	16.6
70	9.4	7.7	11.5

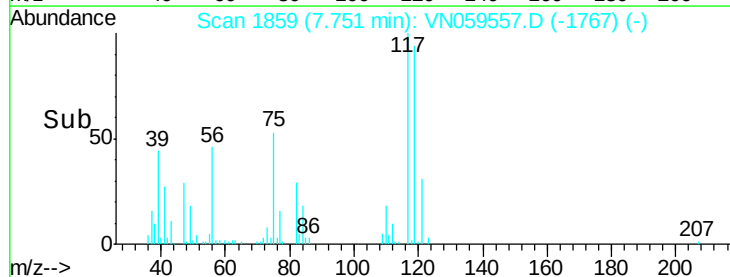
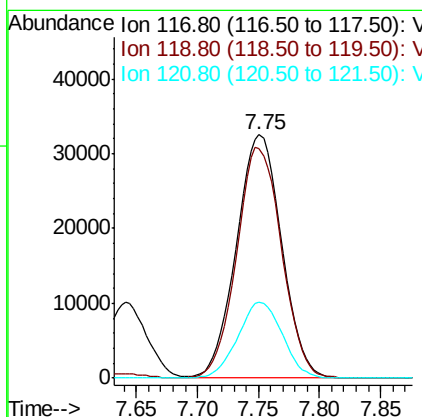
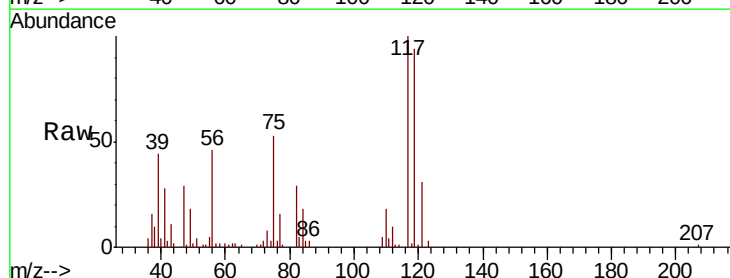
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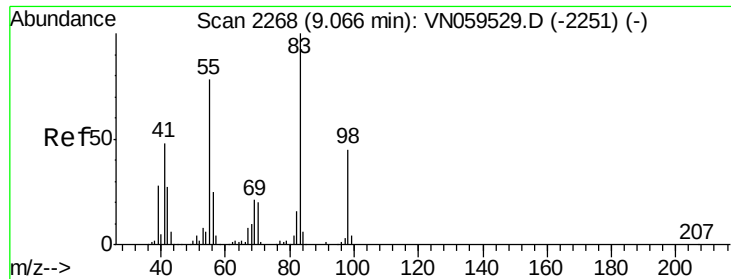
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#38
Carbon Tetrachloride
Concen: 21.937 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VN059557.D
Acq: 11 Dec 2019 13:08

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.1	77.0	115.4
121	31.3	24.1	36.1





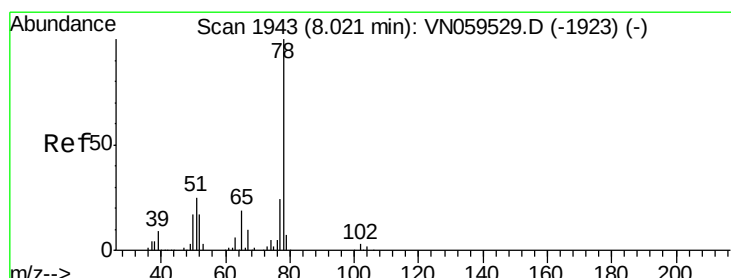
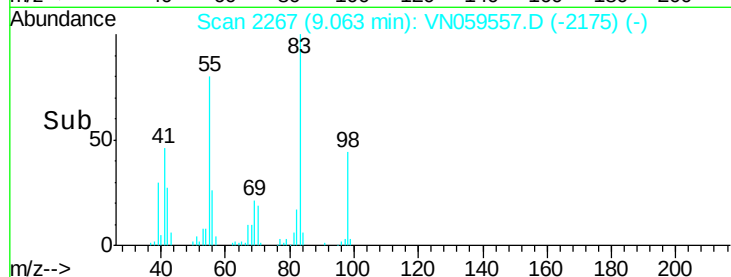
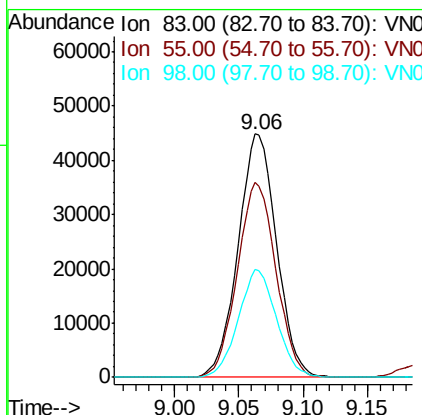
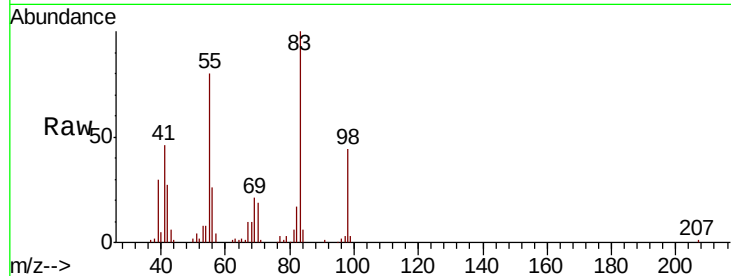
#39
Methylvlcyclohexane
Concen: 21.484 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN059557.D
Acq: 11 Dec 2019 13:08

Instrument :
MSVOA_N
ClientSampleId :
VN1211WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.0	62.7	94.1
98	44.3	35.7	53.5

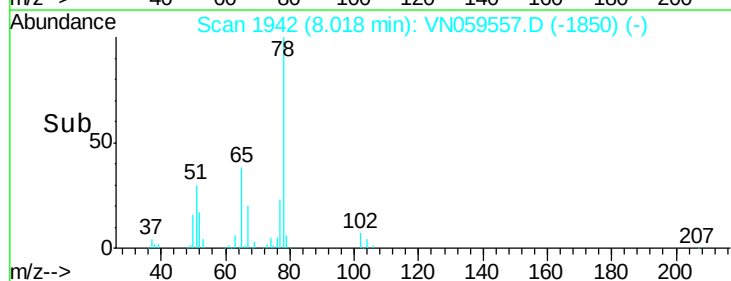
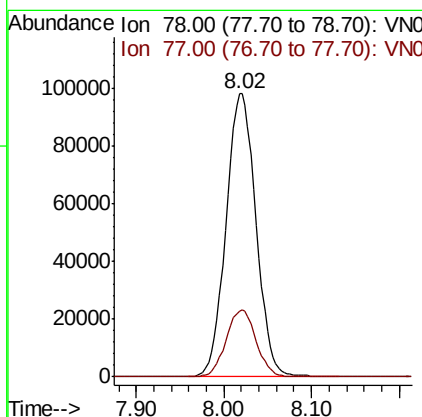
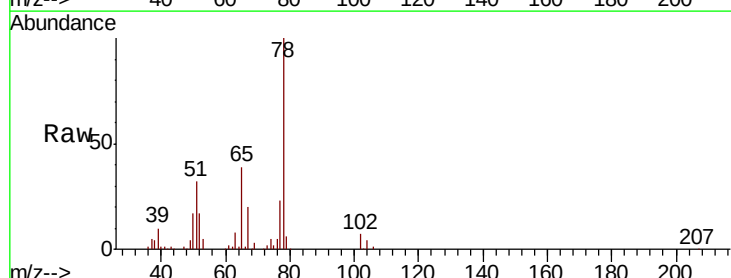
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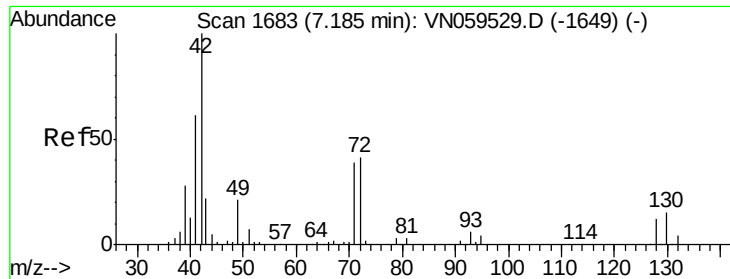
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#40
Benzene
Concen: 21.137 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN059557.D
Acq: 11 Dec 2019 13:08

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.8	28.2





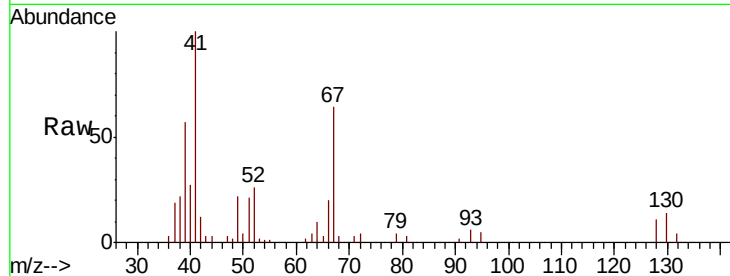
#41
Methacrylonitrile
Concen: 15.873 ug/l m
RT: 7.14 min Scan# 1669
Delta R.T. -0.02 min
Lab File: VN059557.D
Acq: 11 Dec 2019 13:08

Instrument :
MSVOA_N
ClientSampleId :
VN1211WBS01

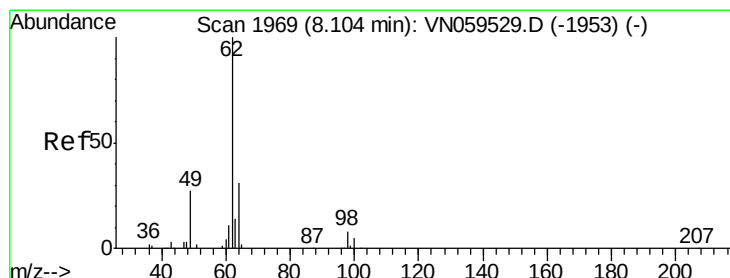
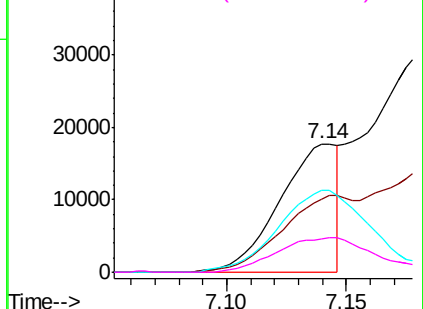
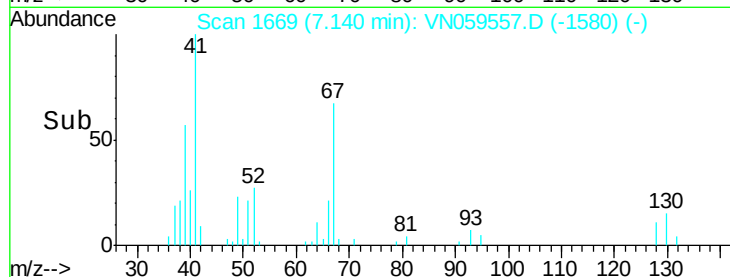
Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

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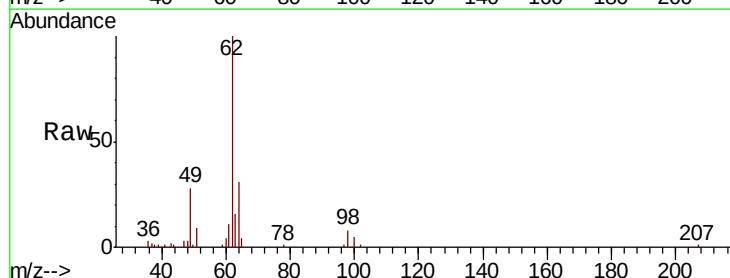


Abundance Ion 41.00 (40.70 to 41.70): VN059557.D (-1580) (-)
Ion 39.00 (38.70 to 39.70): VN059557.D (-1580) (-)
Ion 67.00 (66.70 to 67.70): VN059557.D (-1580) (-)
Ion 52.00 (51.70 to 52.70): VN059557.D (-1580) (-)

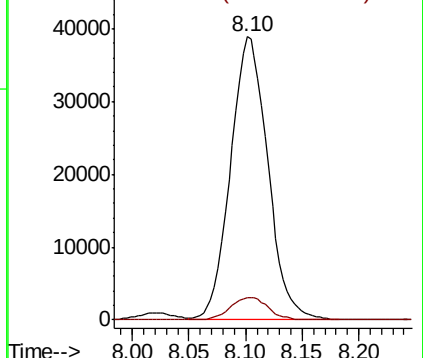
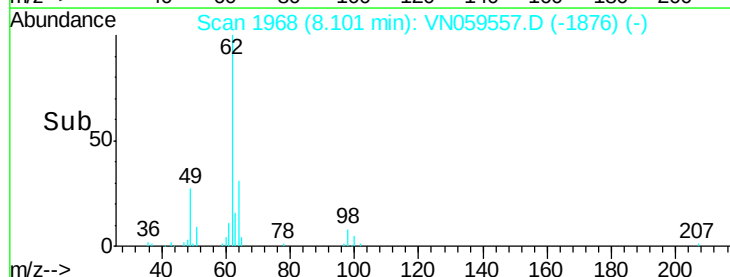


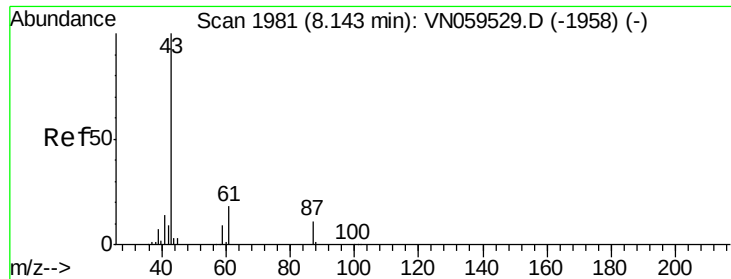
#42
1,2-Dichloroethane
Concen: 21.676 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. -0.00 min
Lab File: VN059557.D
Acq: 11 Dec 2019 13:08

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	15.4



Abundance Ion 61.90 (61.60 to 62.60): VN059557.D (-1876) (-)
Ion 97.90 (97.60 to 98.60): VN059557.D (-1876) (-)





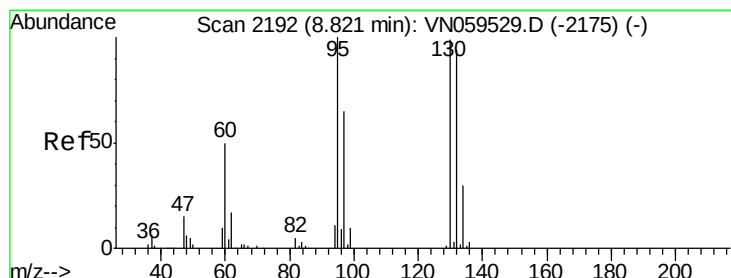
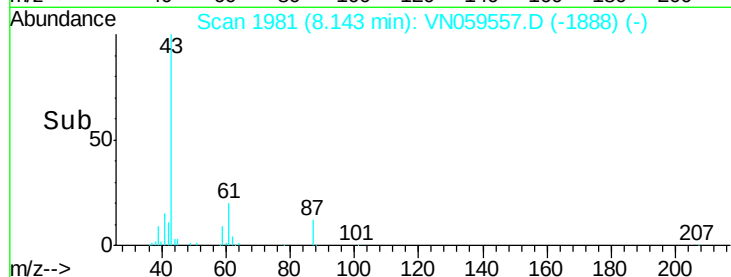
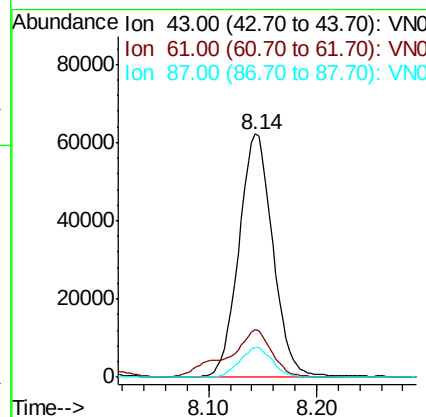
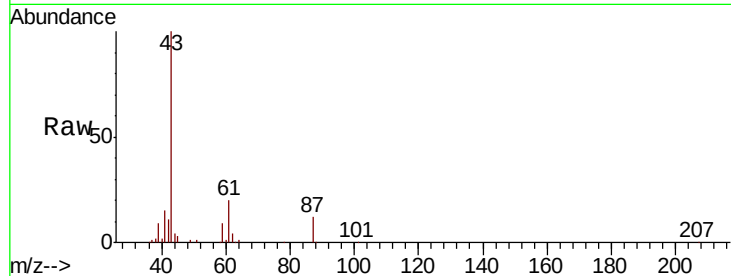
#43
Isopropyl Acetate
Concen: 20.258 ug/l
RT: 8.14 min Scan# 1981
Delta R.T. 0.00 min
Lab File: VN059557.D
Acq: 11 Dec 2019 13:08

Instrument :
MSVOA_N
ClientSampleId :
VN1211WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.8	19.8	29.6#
87	12.0	9.4	14.2

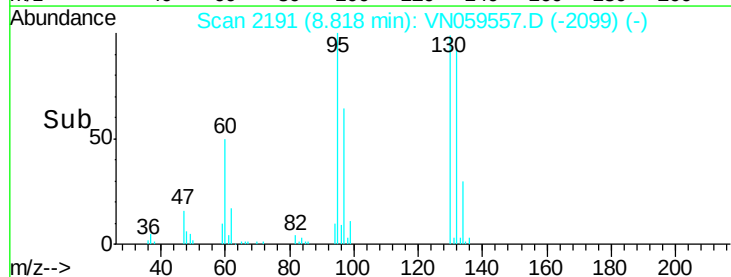
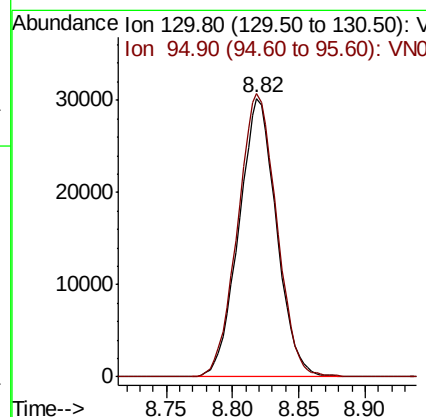
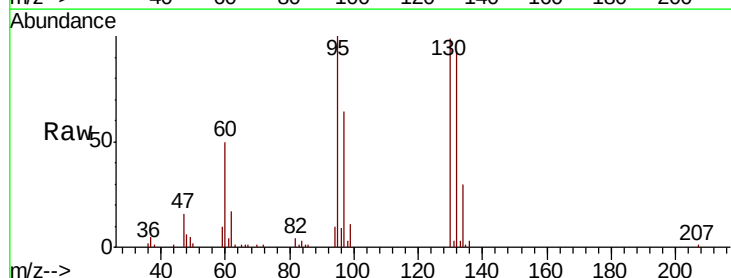
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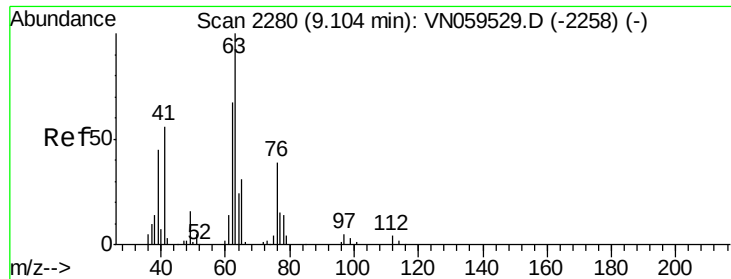
apatel
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#44
Trichloroethene
Concen: 21.300 ug/l
RT: 8.82 min Scan# 2191
Delta R.T. -0.00 min
Lab File: VN059557.D
Acq: 11 Dec 2019 13:08

Tgt Ion	Ratio	Lower	Upper
130	100		
95	101.5	0.0	202.0





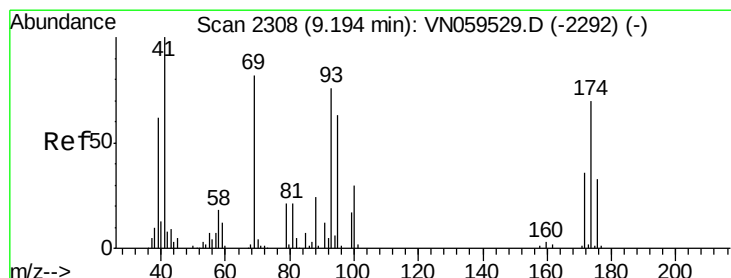
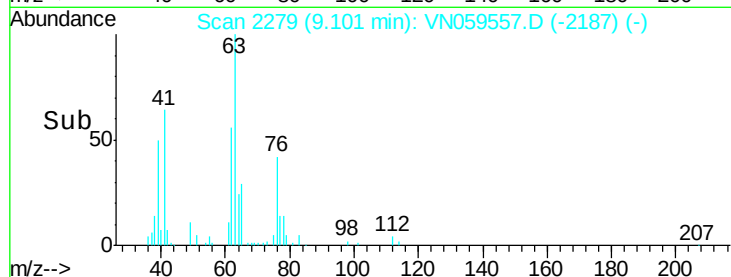
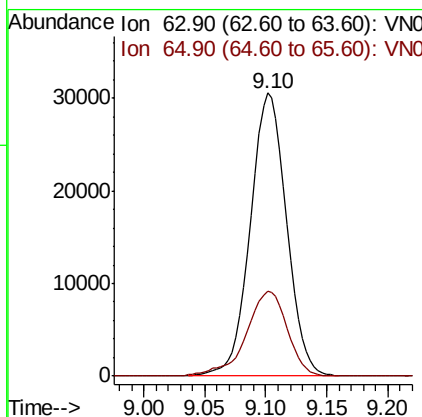
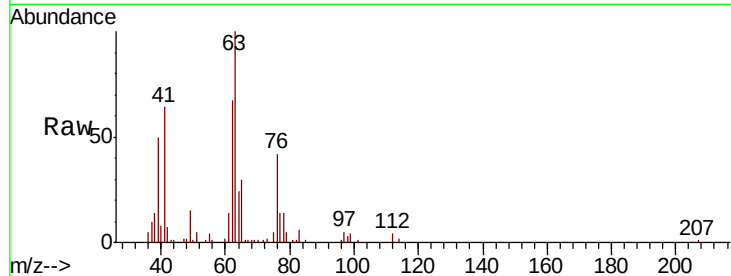
#45
 1,2-Dichloropropane
 Concen: 21.421 ug/l
 RT: 9.10 min Scan# 2279
 Delta R.T. -0.00 min
 Lab File: VN059557.D
 Acq: 11 Dec 2019 13:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1211WBS01

Tot Ion: 63 Resp: 62744
 Ion Ratio Lower Upper
 63 100
 65 29.9 24.8 37.2

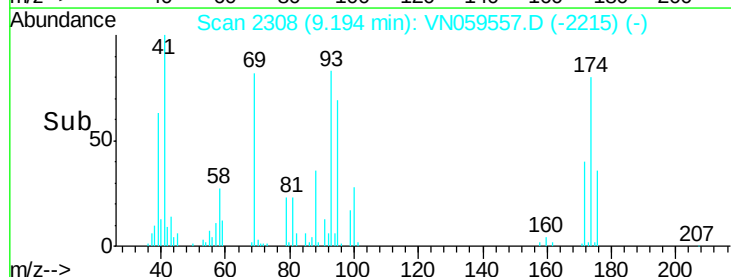
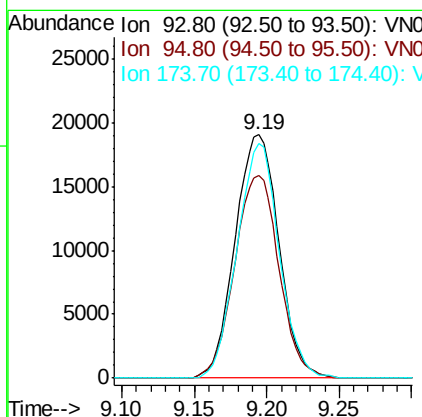
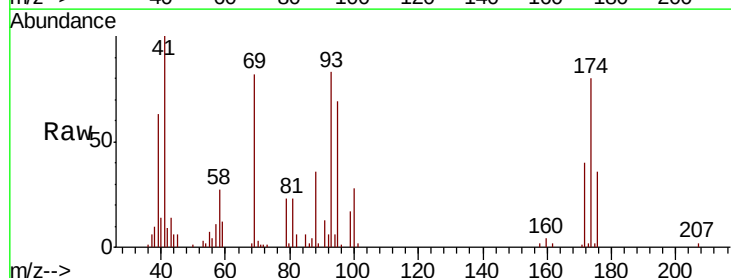
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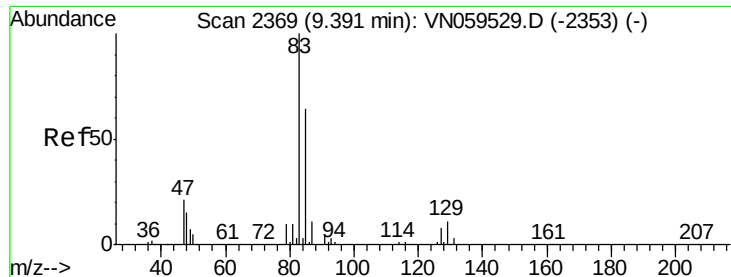
apatel
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#46
 Dibromomethane
 Concen: 20.704 ug/l
 RT: 9.19 min Scan# 2308
 Delta R.T. 0.00 min
 Lab File: VN059557.D
 Acq: 11 Dec 2019 13:08

Tgt Ion: 93 Resp: 40078
 Ion Ratio Lower Upper
 93 100
 95 84.3 67.0 100.6
 174 93.0 75.6 113.4





#47

Bromodichloromethane

Concen: 21.308 ug/l

RT: 9.39 min Scan# 2368

Delta R.T. -0.00 min

Lab File: VN059557.D

Acq: 11 Dec 2019 13:08

Instrument :

MSVOA_N

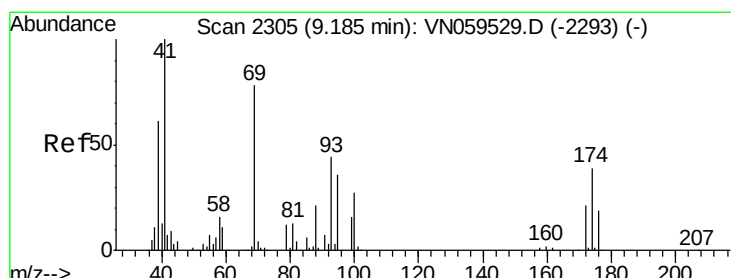
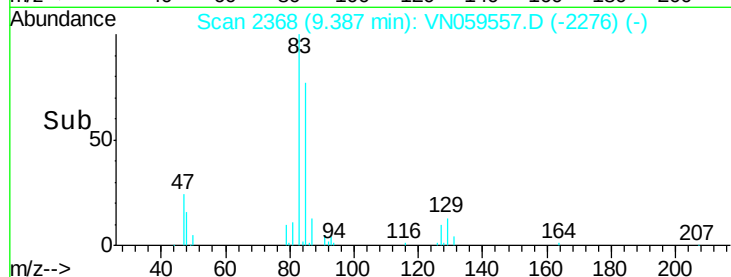
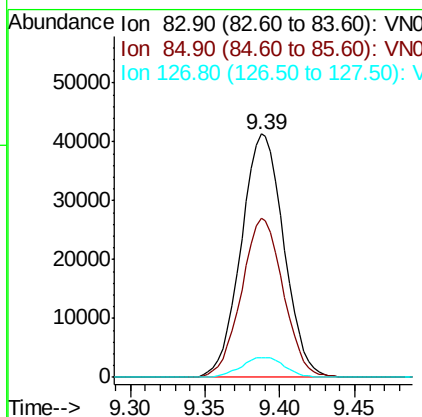
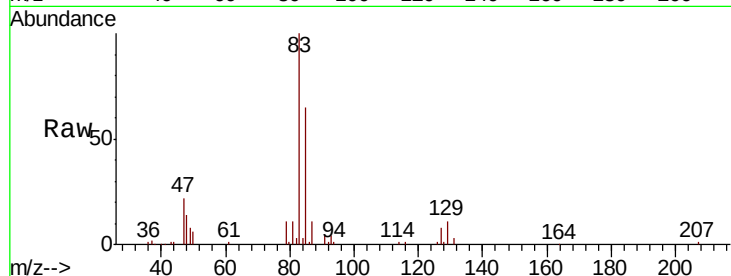
ClientSampleId :

VN1211WBS01

Tot Ion:	83	Resp:	81976
Ion Ratio	Lower	Upper	
83	100		
85	65.3	51.4	77.0
127	8.3	6.7	10.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 20.894 ug/l

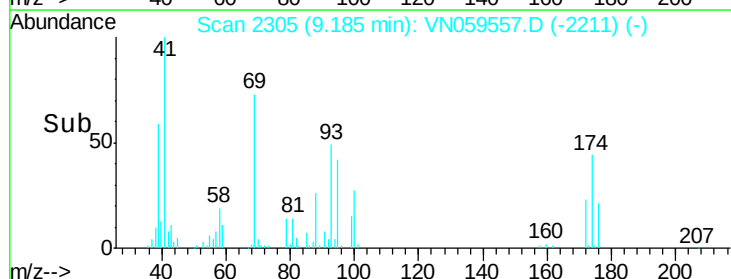
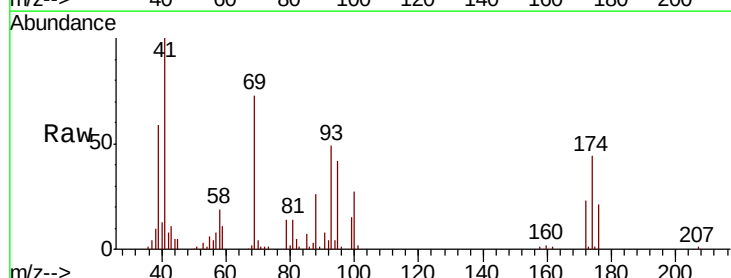
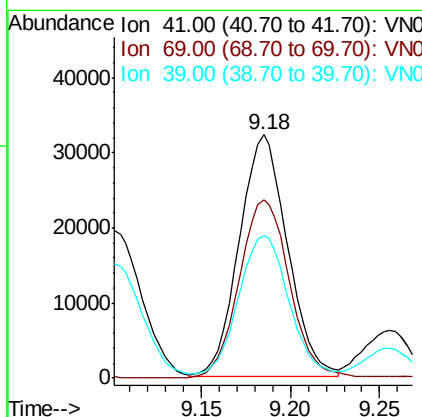
RT: 9.18 min Scan# 2305

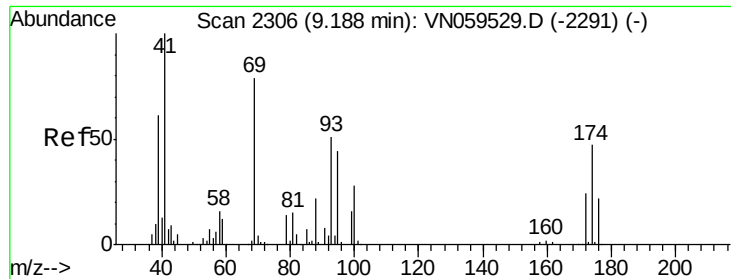
Delta R.T. 0.00 min

Lab File: VN059557.D

Acq: 11 Dec 2019 13:08

Tgt Ion:	41	Resp:	61040
Ion Ratio	Lower	Upper	
41	100		
69	76.7	64.0	96.0
39	61.1	50.0	75.0





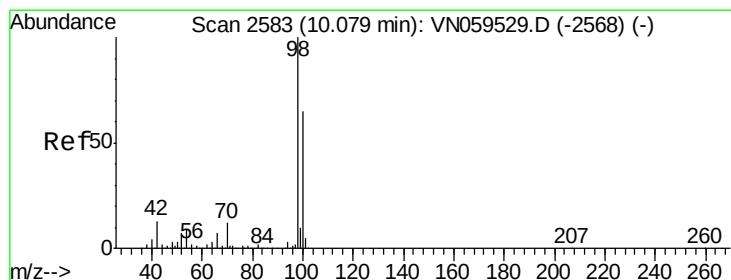
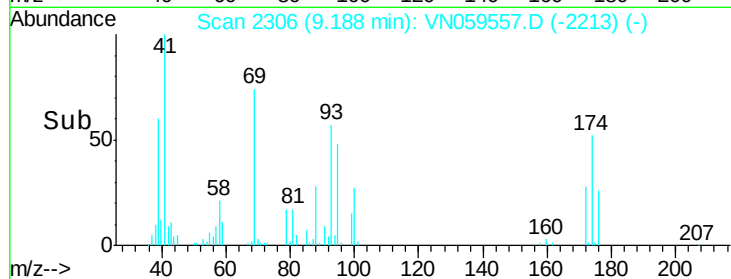
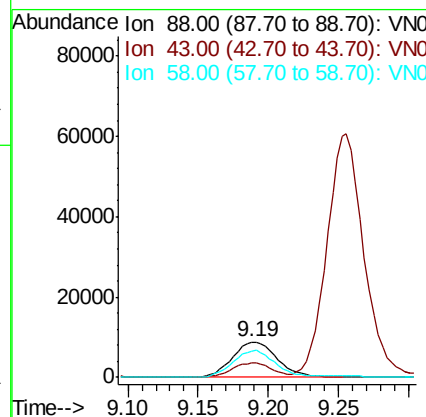
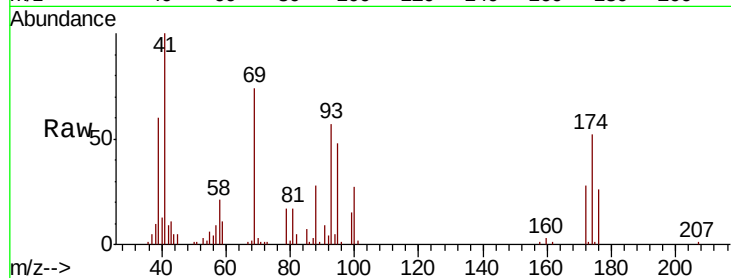
#49
1,4-Dioxane
Concen: 520.985 ug/l
RT: 9.19 min Scan# 2306
Delta R.T. 0.00 min
Lab File: VN059557.D
Acq: 11 Dec 2019 13:08

Instrument :
MSVOA_N
ClientSampleId :
VN1211WBS01

Tot Ion	88	Resp	19473
Ion Ratio	Lower	Upper	
88	100		
43	36.7	31.4	47.0
58	73.1	61.0	91.6

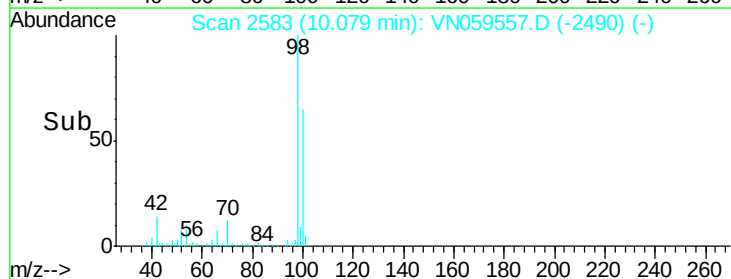
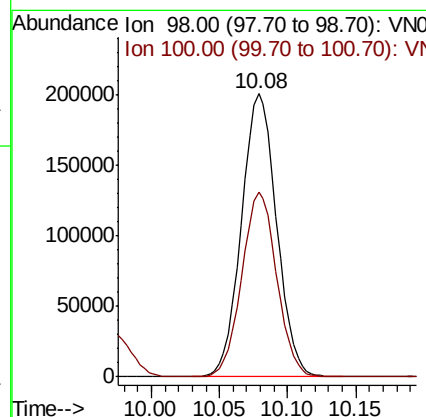
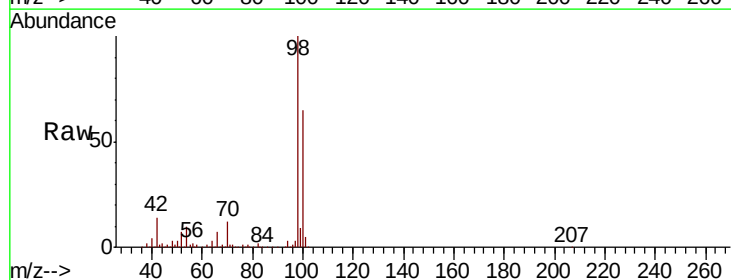
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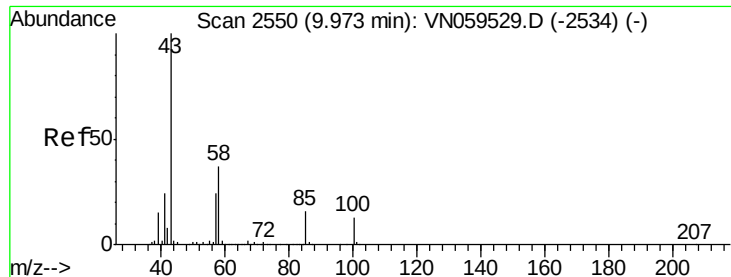
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#50
Toluene-d8
Concen: 39.077 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. -0.00 min
Lab File: VN059557.D
Acq: 11 Dec 2019 13:08

Tgt Ion	98	Resp	359152
Ion Ratio	Lower	Upper	
98	100		
100	65.0	51.8	77.8





#51

4-Methyl-2-Pentanone

Concen: 97.269 ug/l

RT: 9.97 min Scan# 2550

Delta R.T. 0.00 min

Lab File: VN059557.D

Acq: 11 Dec 2019 13:08

Instrument :

MSVOA_N

ClientSampled :

VN1211WBS01

Tot Ion: 43 Resp: 415022

Ion Ratio Lower Upper

43 100

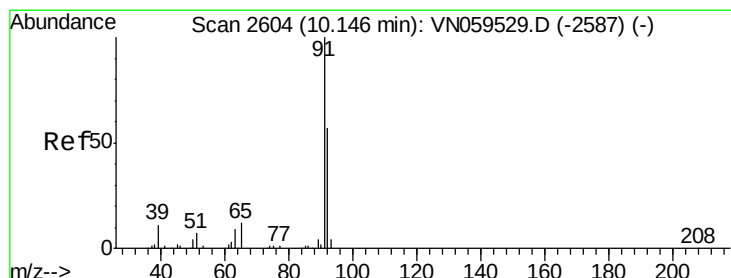
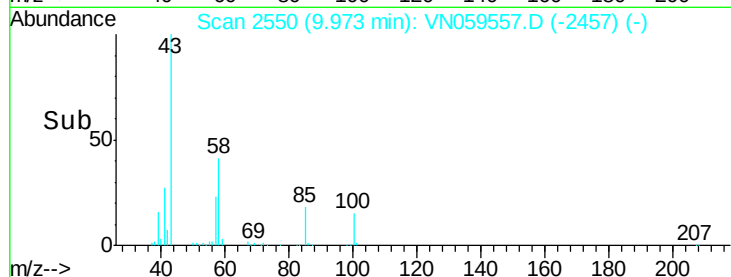
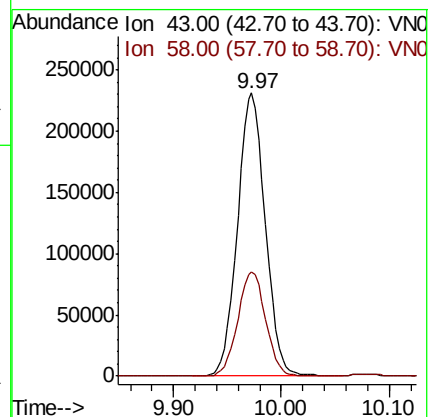
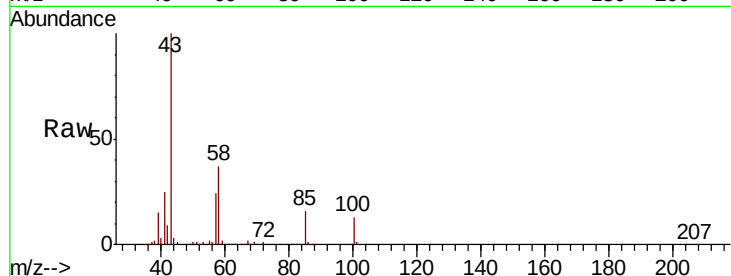
58 37.0 30.1 45.1

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#52

Toluene

Concen: 21.425 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. -0.00 min

Lab File: VN059557.D

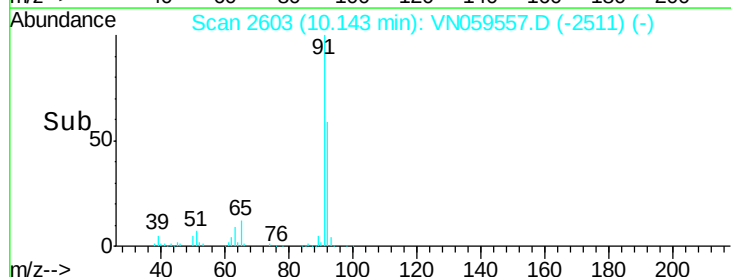
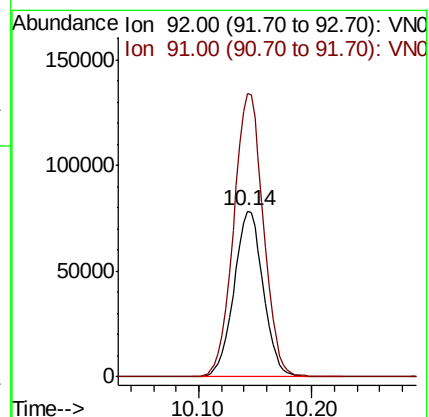
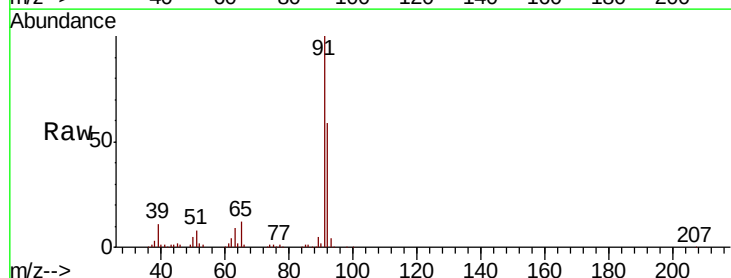
Acq: 11 Dec 2019 13:08

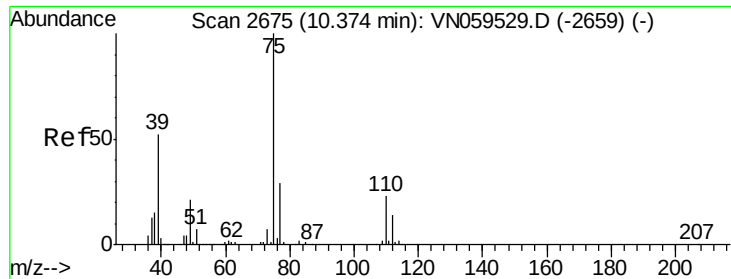
Tgt Ion: 92 Resp: 141149

Ion Ratio Lower Upper

92 100

91 173.8 140.7 211.1





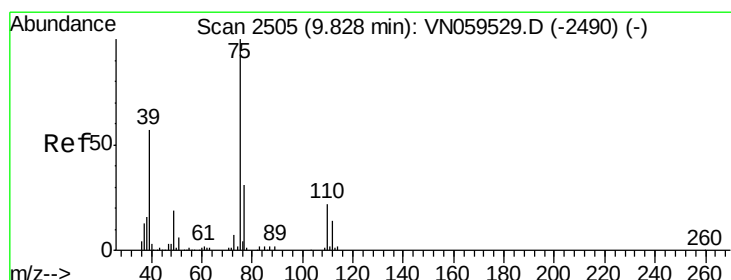
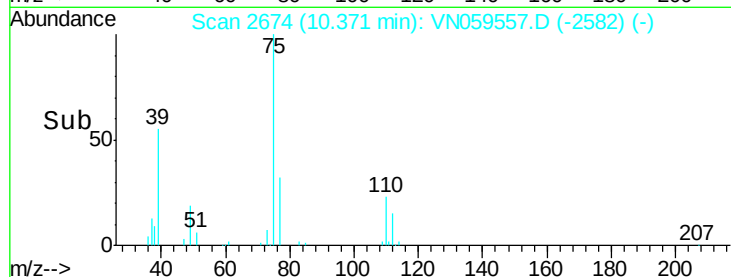
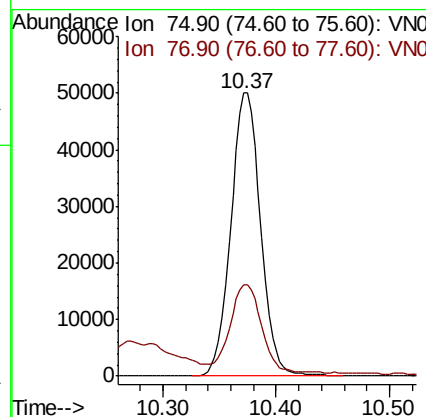
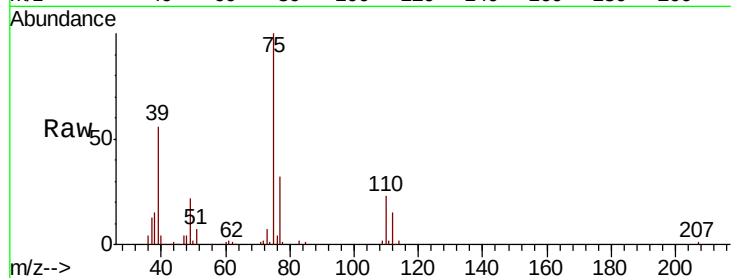
#53
 t-1,3-Dichloropropene
 Concen: 20.408 ug/l
 RT: 10.37 min Scan# 2674
 Delta R.T. -0.00 min
 Lab File: VN059557.D
 Acq: 11 Dec 2019 13:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1211WBS01

Tot Ion: 75 Resp: 91479
 Ion Ratio Lower Upper
 75 100
 77 31.1 24.5 36.7

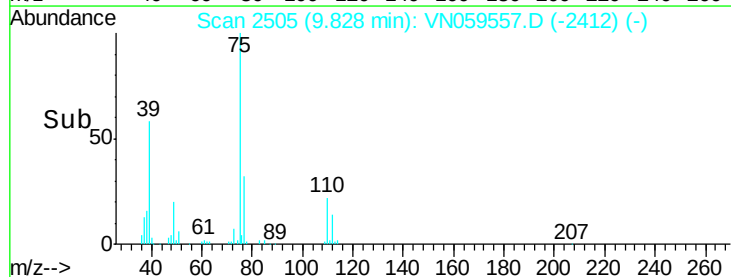
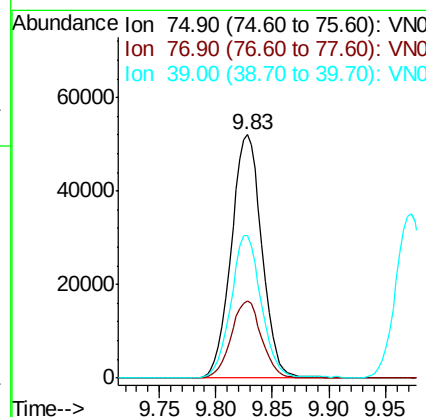
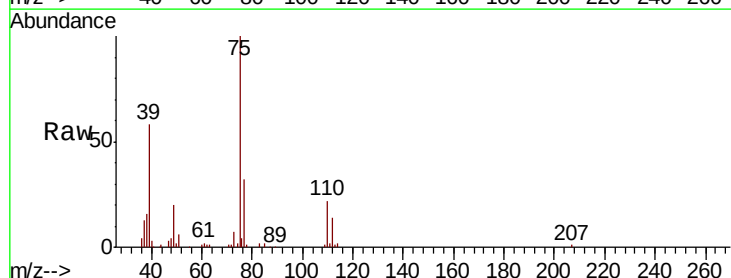
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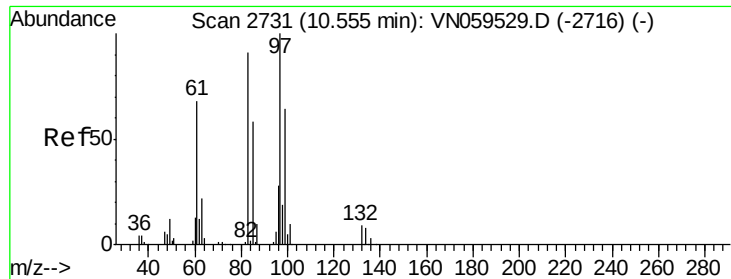
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#54
 cis-1,3-Dichloropropene
 Concen: 21.417 ug/l
 RT: 9.83 min Scan# 2505
 Delta R.T. 0.00 min
 Lab File: VN059557.D
 Acq: 11 Dec 2019 13:08

Tgt Ion: 75 Resp: 98255
 Ion Ratio Lower Upper
 75 100
 77 31.9 24.6 36.8
 39 58.4 45.6 68.4





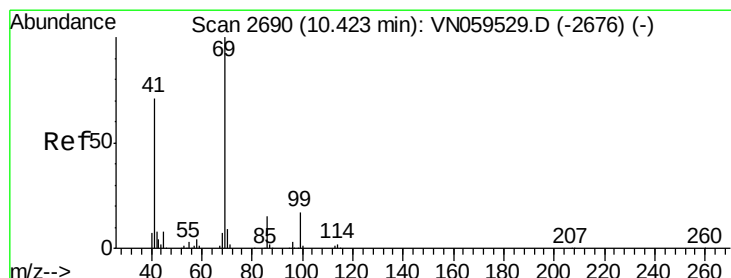
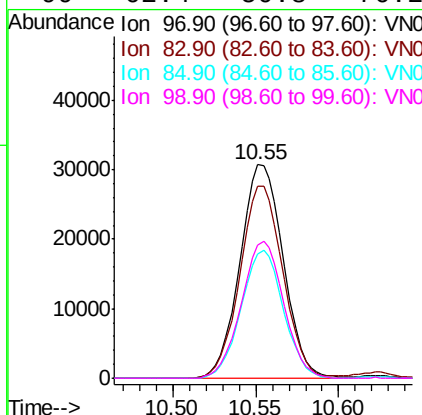
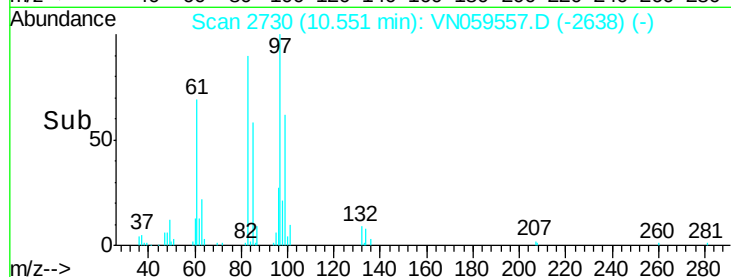
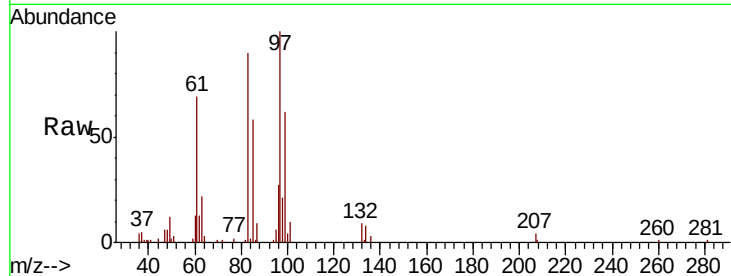
#55
 1,1,2-Trichloroethane
 Concen: 20.942 ug/l
 RT: 10.55 min Scan# 2730
 Delta R.T. -0.00 min
 Lab File: VN059557.D
 Acq: 11 Dec 2019 13:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1211WBS01

Tot Ion:	97	Resp:	55800
Ion	Ratio	Lower	Upper
97	100		
83	89.8	72.9	109.3
85	58.2	46.1	69.1
99	62.4	50.8	76.2

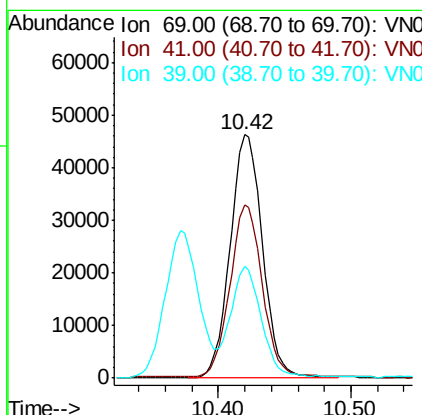
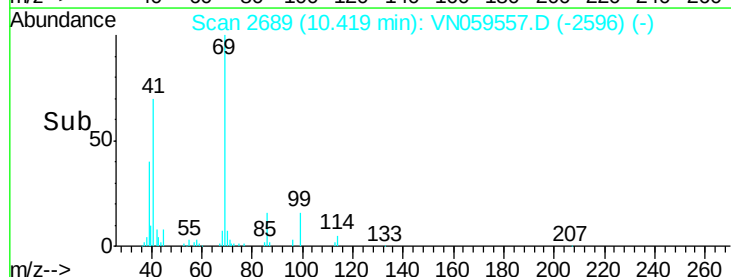
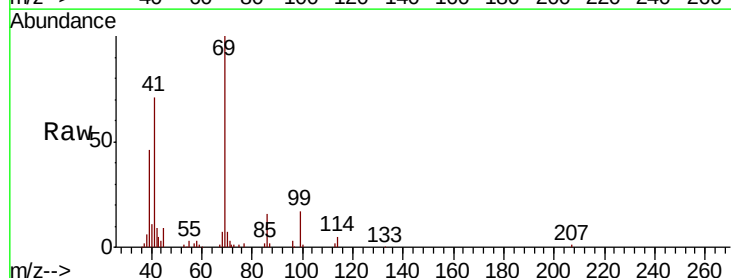
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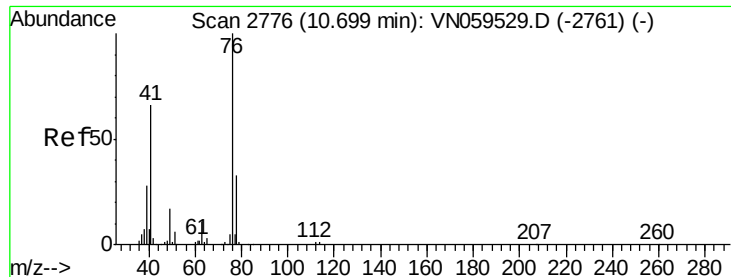
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#56
 Ethyl methacrylate
 Concen: 18.539 ug/l
 RT: 10.42 min Scan# 2689
 Delta R.T. -0.00 min
 Lab File: VN059557.D
 Acq: 11 Dec 2019 13:08

Tgt Ion:	69	Resp:	78678
Ion	Ratio	Lower	Upper
69	100		
41	70.3	57.7	86.5
39	43.9	34.2	51.2





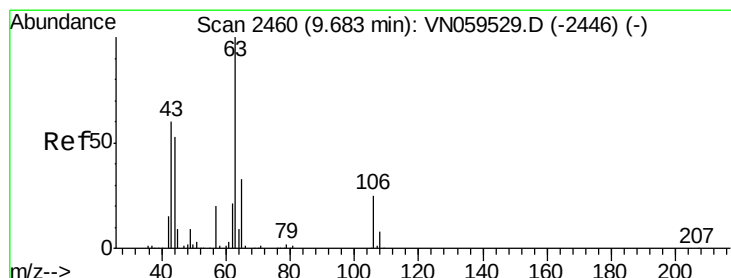
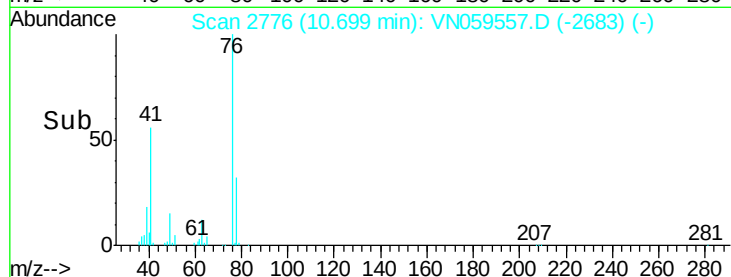
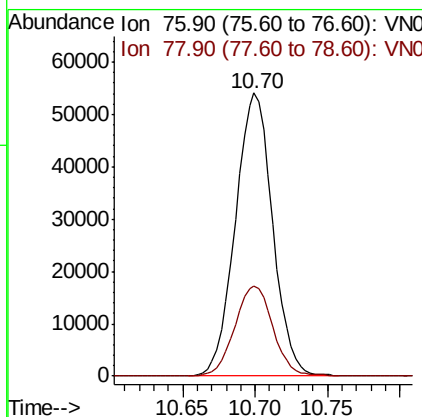
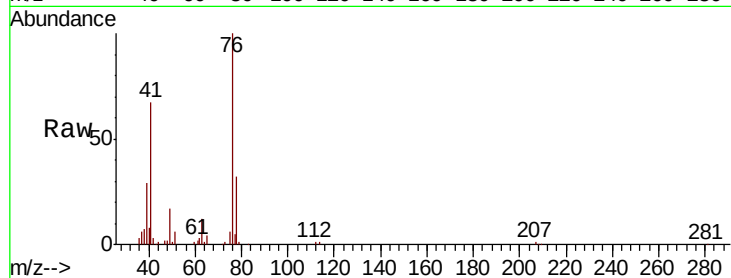
#57
 1,3-Dichloropropane
 Concen: 21.167 ug/l
 RT: 10.70 min Scan# 2776
 Delta R.T. 0.00 min
 Lab File: VN059557.D
 Acq: 11 Dec 2019 13:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1211WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.9	26.1	39.1

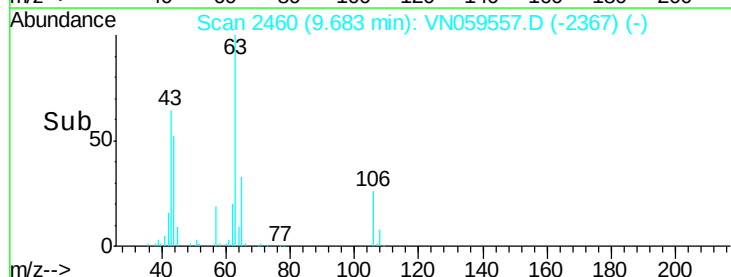
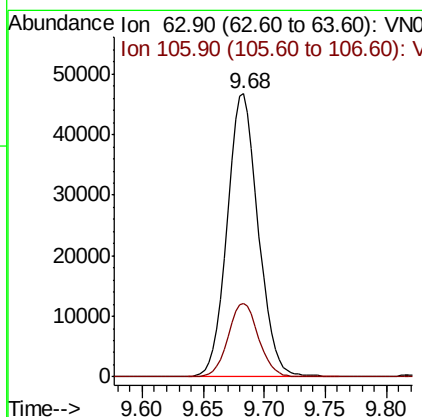
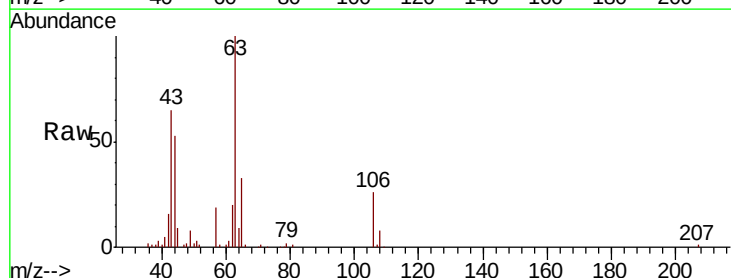
Manual Integrations
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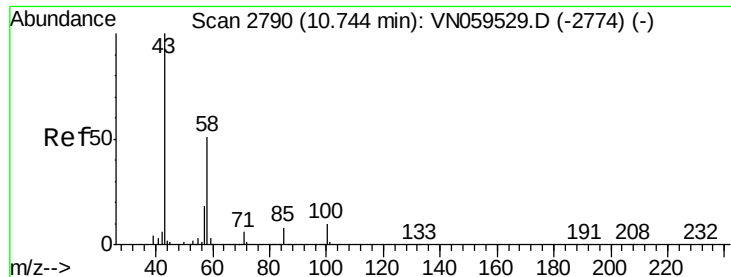
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#58
 2-Chloroethyl Vinyl ether
 Concen: 76.207 ug/l
 RT: 9.68 min Scan# 2460
 Delta R.T. 0.00 min
 Lab File: VN059557.D
 Acq: 11 Dec 2019 13:08

Tgt Ion	Ratio	Lower	Upper
63	100		
106	25.4	19.9	29.9





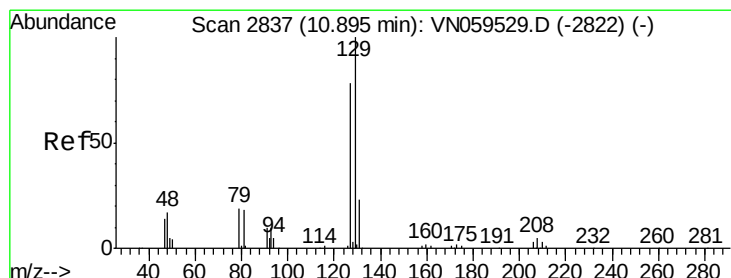
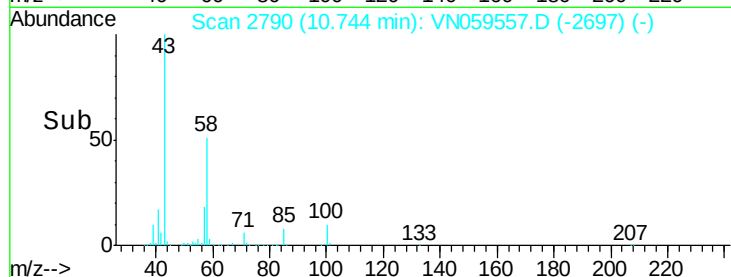
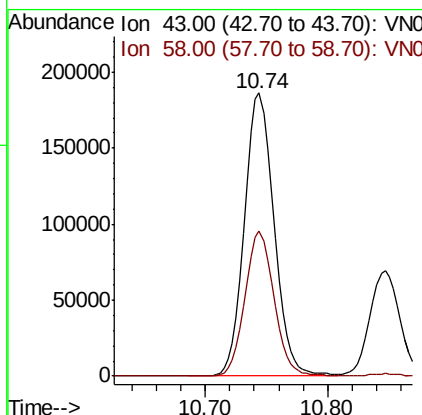
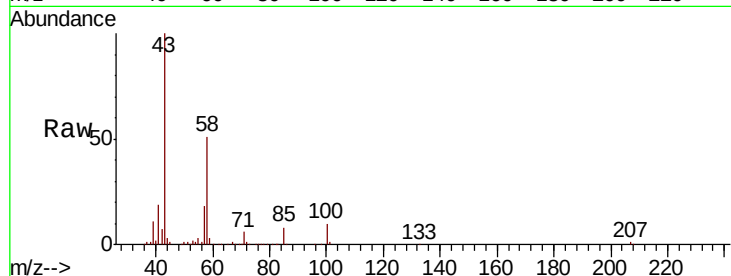
#59
2-Hexanone
Concen: 97.371 ug/l
RT: 10.74 min Scan# 2790
Delta R.T. 0.00 min
Lab File: VN059557.D
Acq: 11 Dec 2019 13:08

Instrument :
MSVOA_N
ClientSampleId :
VN1211WBS01

Tot Ion	43	Resp	311300
Ion Ratio	43	100	
Lower	58	50.1	25.9
Upper			77.6

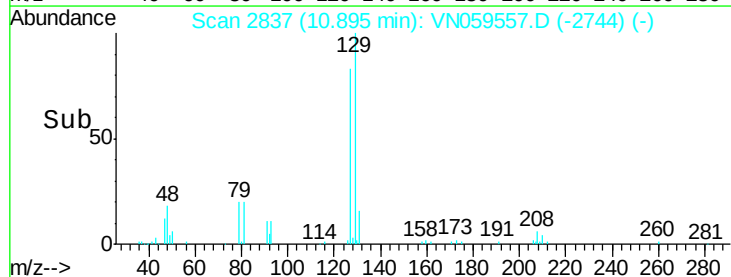
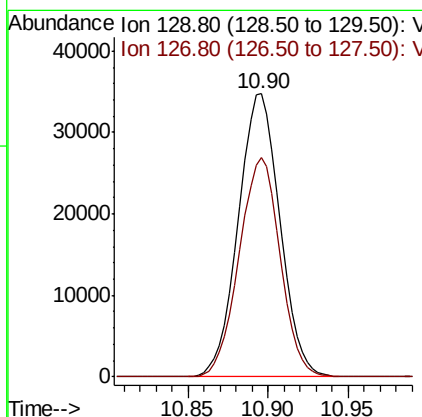
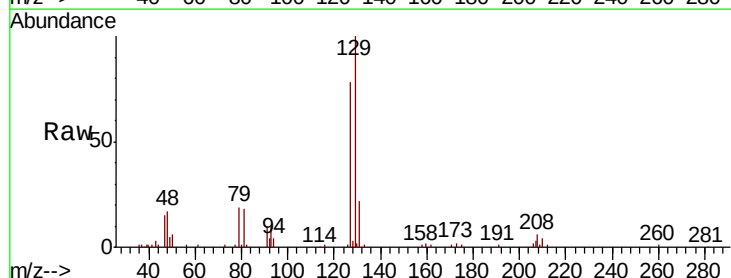
Manual Integrations
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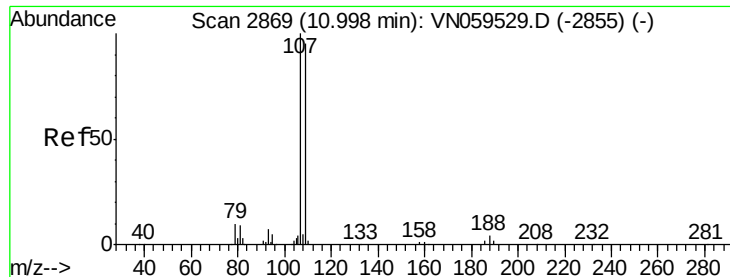
apatel
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#60
Dibromochloromethane
Concen: 20.073 ug/l
RT: 10.90 min Scan# 2837
Delta R.T. 0.00 min
Lab File: VN059557.D
Acq: 11 Dec 2019 13:08

Tgt Ion	129	Resp	61794
Ion Ratio	129	100	
Lower	127	76.2	38.9
Upper			116.6





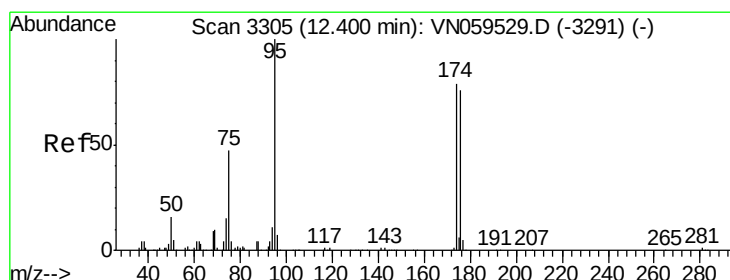
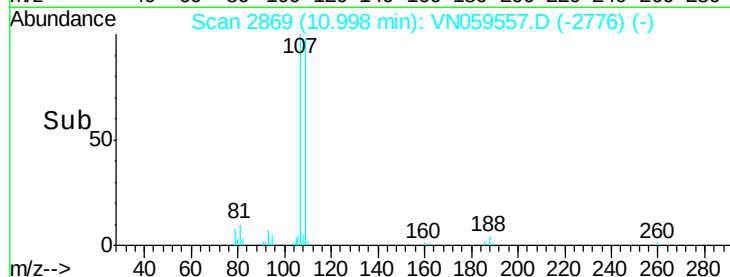
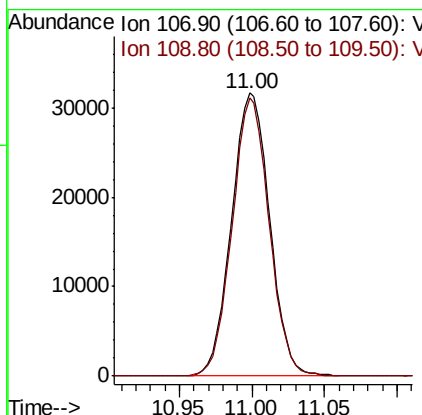
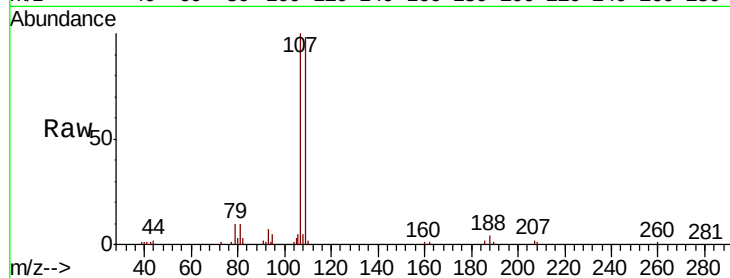
#61
 1,2-Dibromoethane
 Concen: 20.855 ug/l
 RT: 11.00 min Scan# 2869
 Delta R.T. 0.00 min
 Lab File: VN059557.D
 Acq: 11 Dec 2019 13:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1211WBS01

Tot Ion: 107 Resp: 57848
 Ion Ratio Lower Upper
 107 100
 109 95.2 76.1 114.1

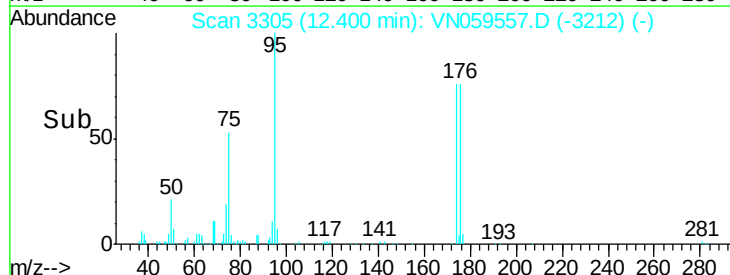
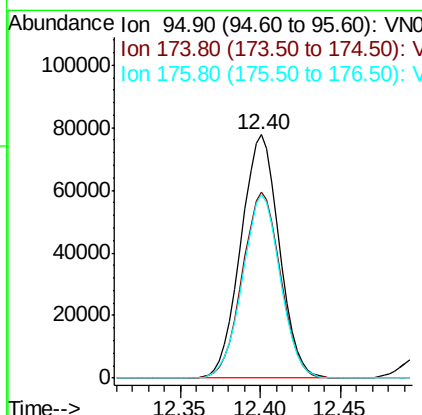
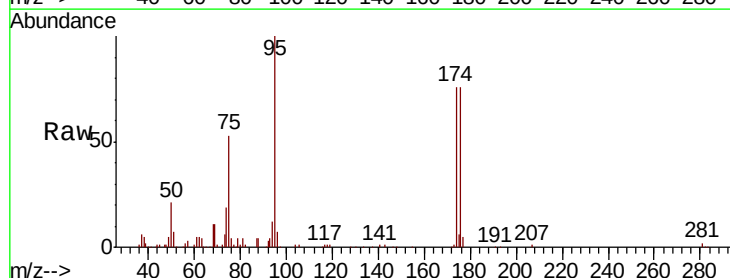
Manual Integrations
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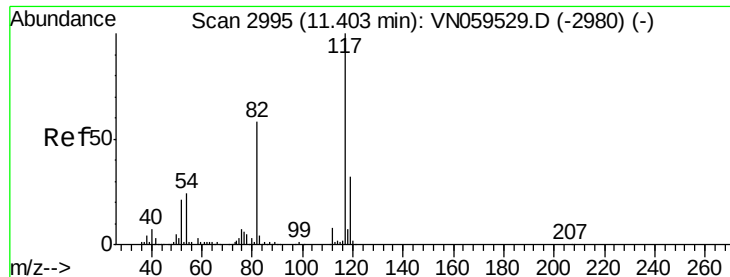
apatel
 12/12/2019 9:25:29 AM



#62
 4-Bromofluorobenzene
 Concen: 37.475 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN059557.D
 Acq: 11 Dec 2019 13:08

Tgt Ion: 95 Resp: 127494
 Ion Ratio Lower Upper
 95 100
 174 76.3 0.0 158.0
 176 74.2 0.0 155.4





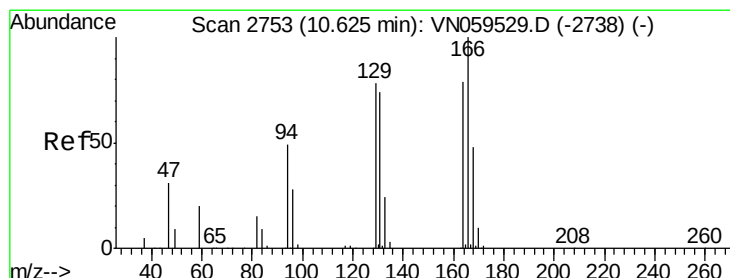
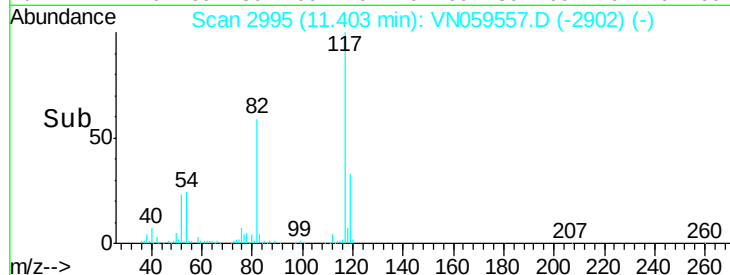
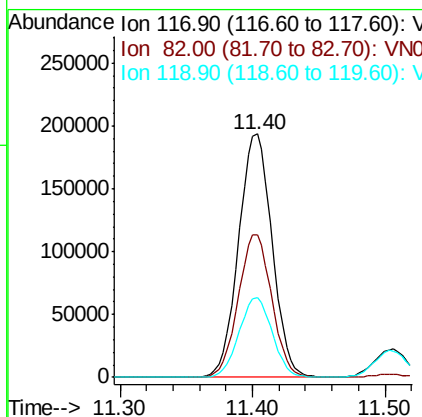
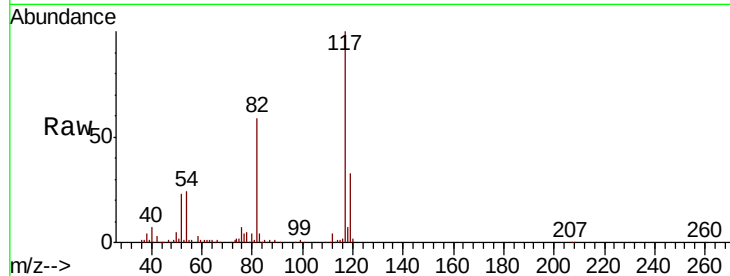
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. 0.00 min
Lab File: VN059557.D
Acq: 11 Dec 2019 13:08

Instrument :
MSVOA_N
ClientSampleId :
VN1211WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.6	46.5	69.7
119	32.7	25.2	37.8

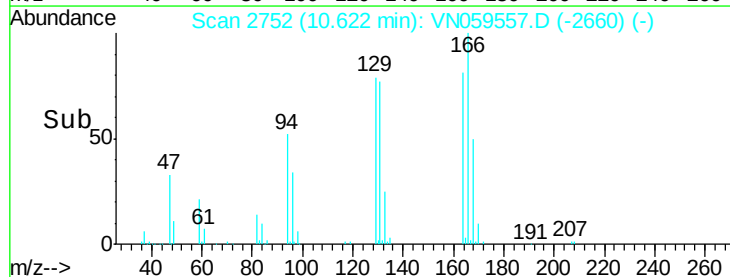
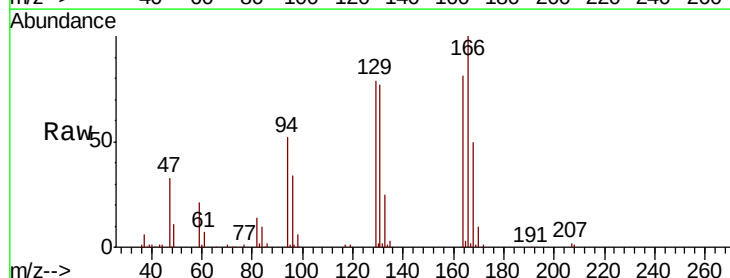
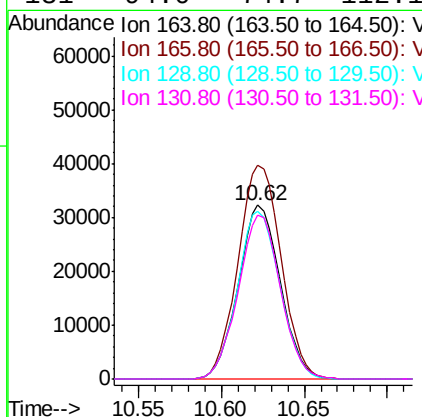
Manual Integrations
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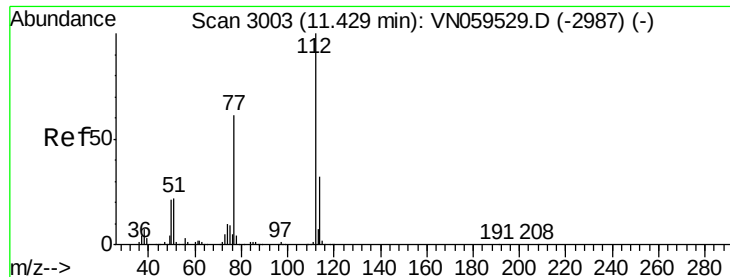
apatel
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#64
Tetrachloroethene
Concen: 22.860 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. -0.00 min
Lab File: VN059557.D
Acq: 11 Dec 2019 13:08

Tgt Ion	Ratio	Lower	Upper
164	100		
166	122.8	101.6	152.4
129	96.7	79.0	118.6
131	94.0	74.7	112.1





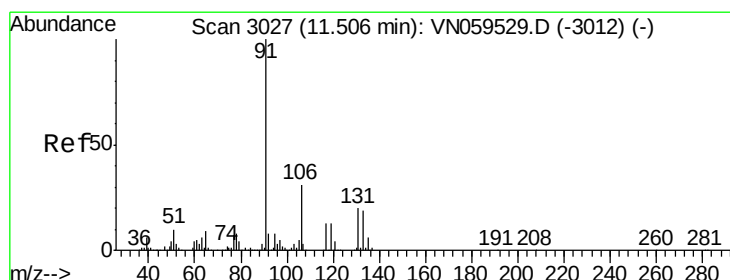
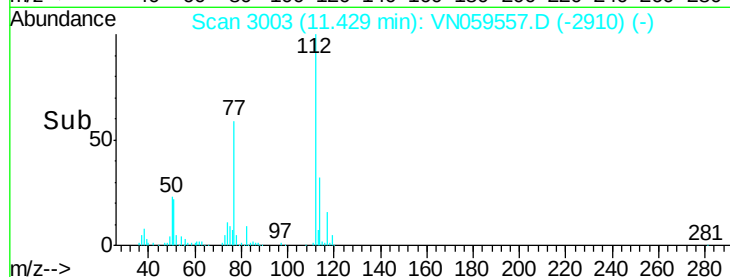
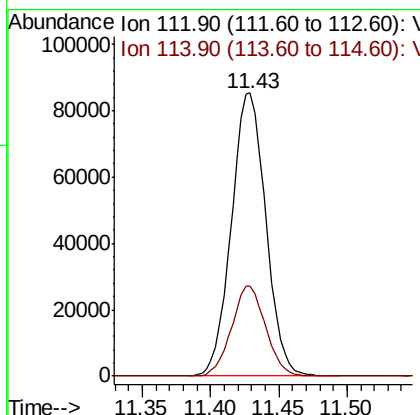
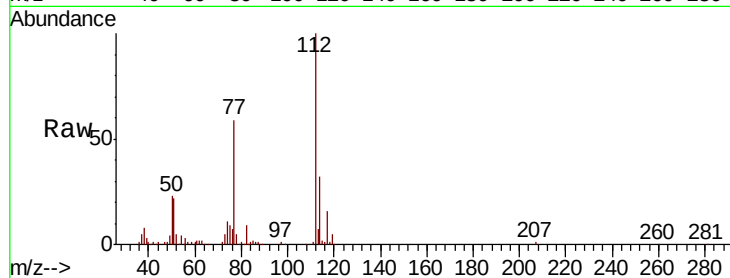
#65
Chlorobenzene
Concen: 20.934 ug/l
RT: 11.43 min Scan# 3003
Delta R.T. 0.00 min
Lab File: VN059557.D
Acq: 11 Dec 2019 13:08

Instrument :
MSVOA_N
ClientSampleId :
VN1211WBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.7	26.0	39.0

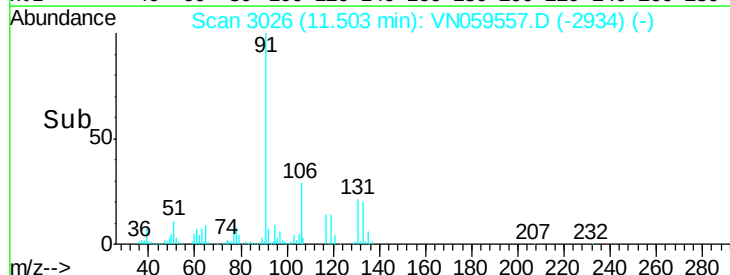
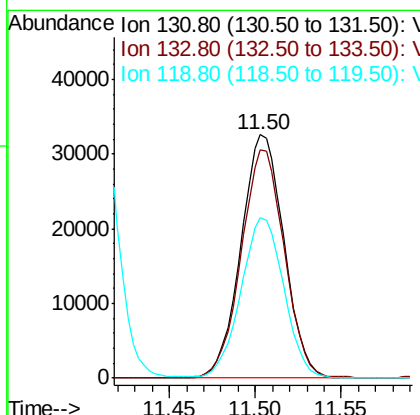
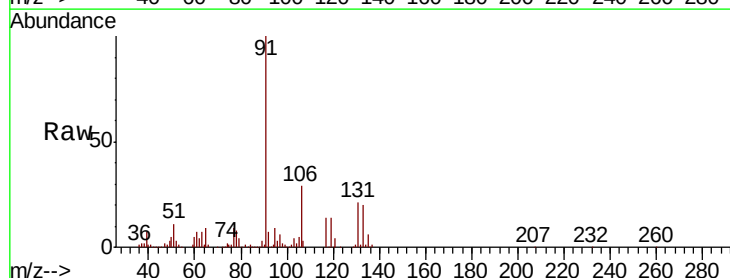
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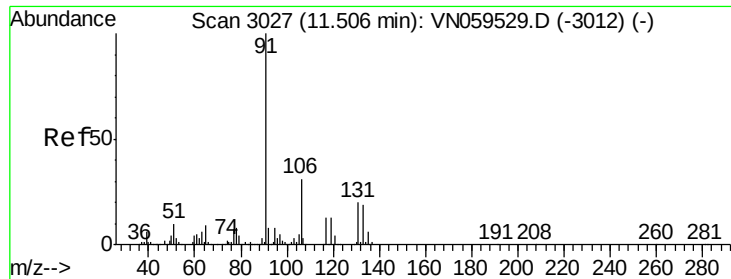
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.244 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. -0.00 min
Lab File: VN059557.D
Acq: 11 Dec 2019 13:08

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.2	47.8	143.3
119	65.8	33.4	100.2





#67

Ethyl Benzene

Concen: 21.148 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. 0.00 min

Lab File: VN059557.D

Acq: 11 Dec 2019 13:08

Instrument :

MSVOA_N

ClientSampleId :

VN1211WBS01

Tot Ion: 91 Resp: 271804

Ion Ratio Lower Upper

91 100

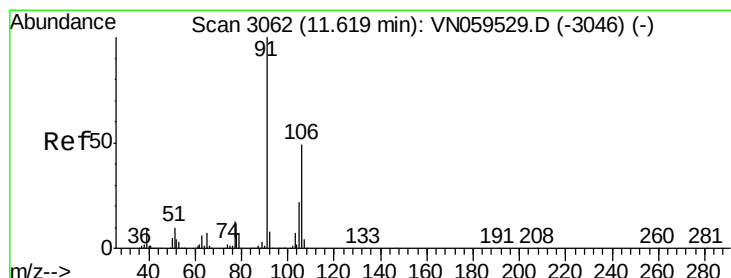
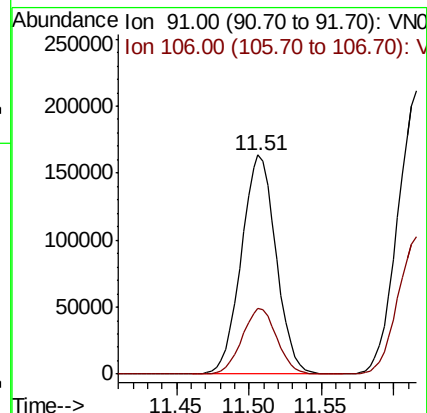
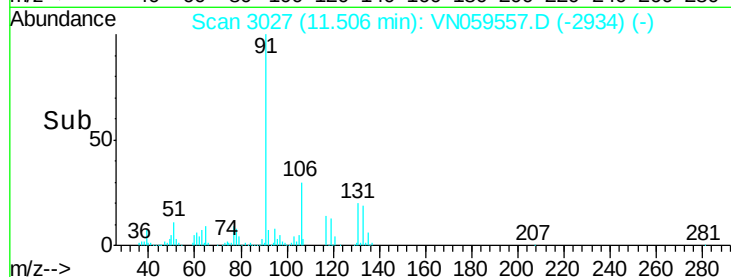
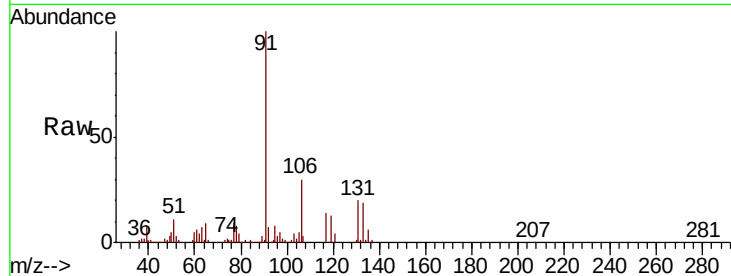
106 30.0 24.5 36.7

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#68

m/p-Xylenes

Concen: 41.820 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. -0.00 min

Lab File: VN059557.D

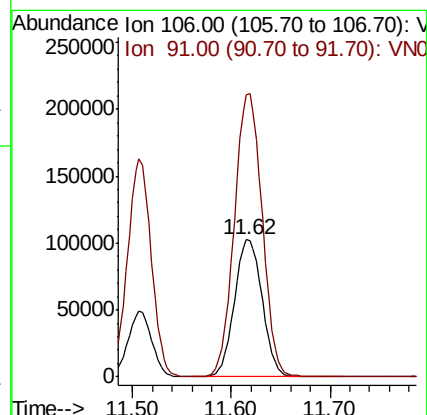
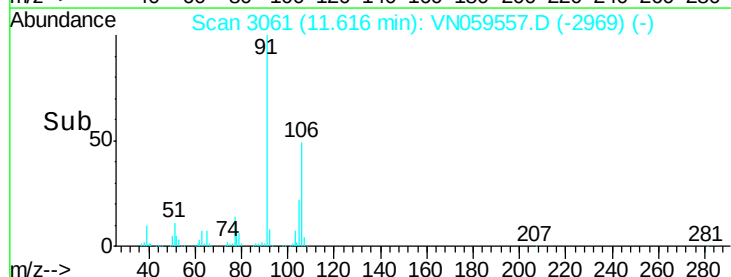
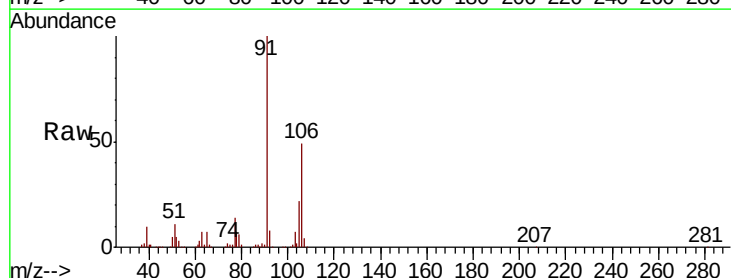
Acq: 11 Dec 2019 13:08

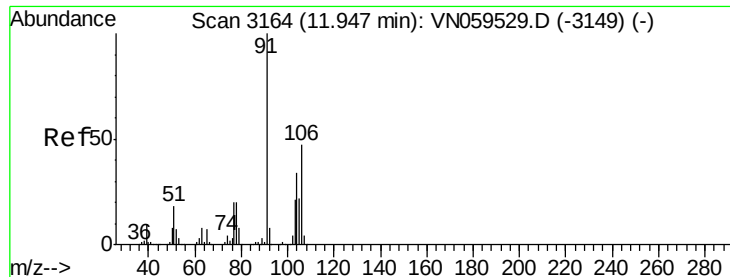
Tgt Ion: 106 Resp: 201627

Ion Ratio Lower Upper

106 100

91 206.1 162.9 244.3





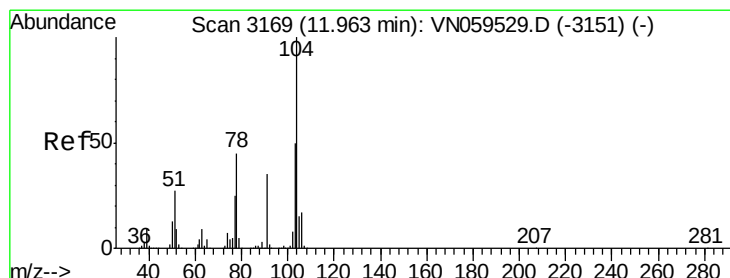
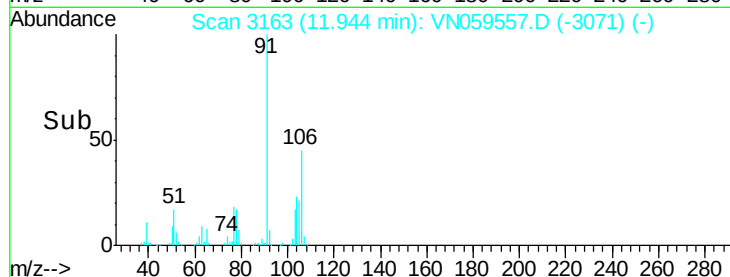
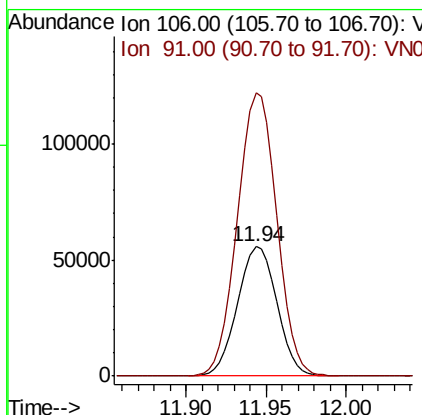
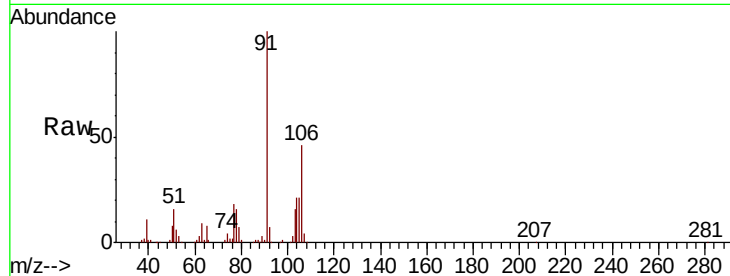
#69
o-Xylene
Concen: 20.864 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. -0.00 min
Lab File: VN059557.D
Acq: 11 Dec 2019 13:08

Instrument :
MSVOA_N
ClientSampleId :
VN1211WBS01

Tot Ion	Ion	Ratio	Lower	Upper
106	106	100		
91	218.8	106.7	319.9	

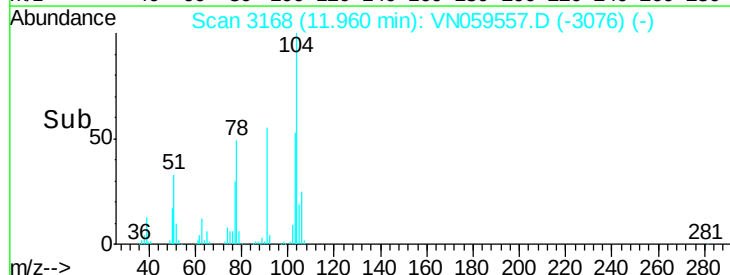
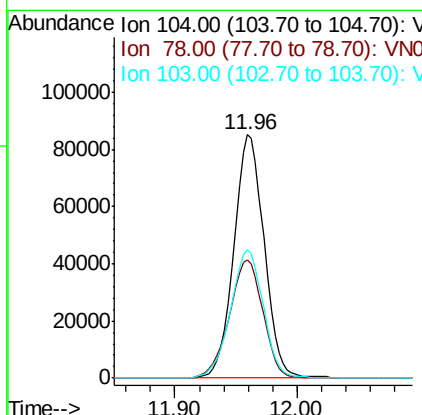
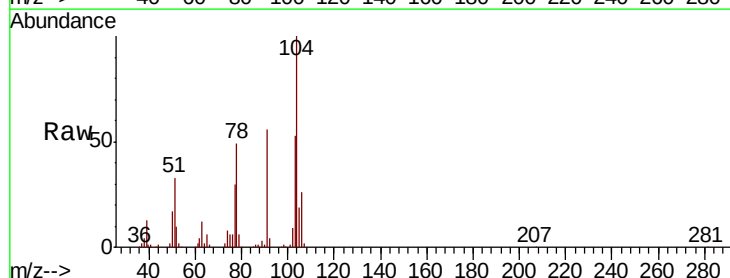
Manual Integrations
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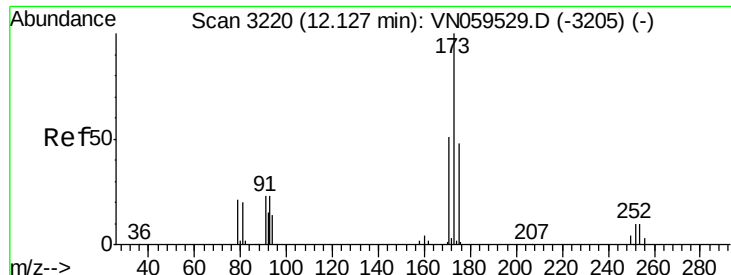
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#70
Styrene
Concen: 19.693 ug/l
RT: 11.96 min Scan# 3168
Delta R.T. -0.00 min
Lab File: VN059557.D
Acq: 11 Dec 2019 13:08

Tgt Ion	Ion	Ratio	Lower	Upper
104	104	100		
78	54.0	40.6	60.8	
103	57.2	43.9	65.9	





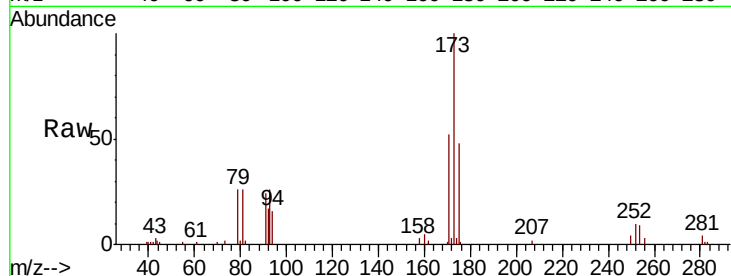
#71
Bromoform
Concen: 20.190 ug/l
RT: 12.12 min Scan# 3219
Delta R.T. -0.00 min
Lab File: VN059557.D
Acq: 11 Dec 2019 13:08

Instrument :
MSVOA_N
ClientSampleId :
VN1211WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.3	24.1	72.4
254	0.0	0.0	0.0

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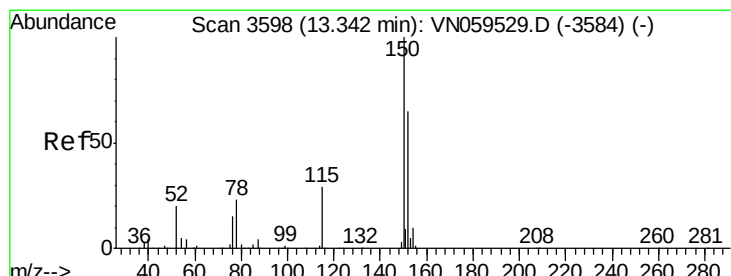
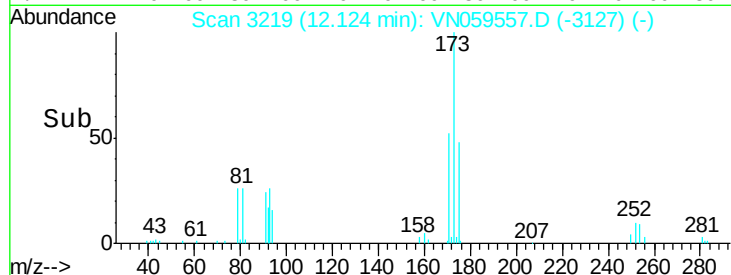
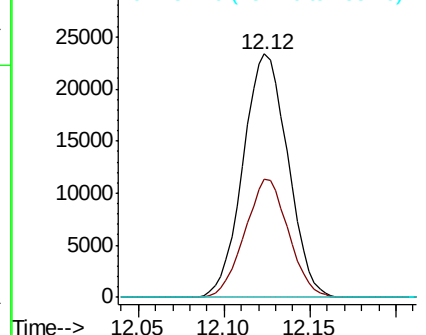


Abundance

Ion 172.70 (172.40 to 173.40): V

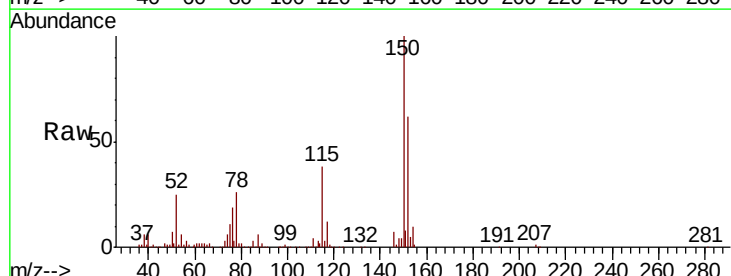
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN059557.D
Acq: 11 Dec 2019 13:08

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.9	29.4	88.2
150	165.1	0.0	342.4

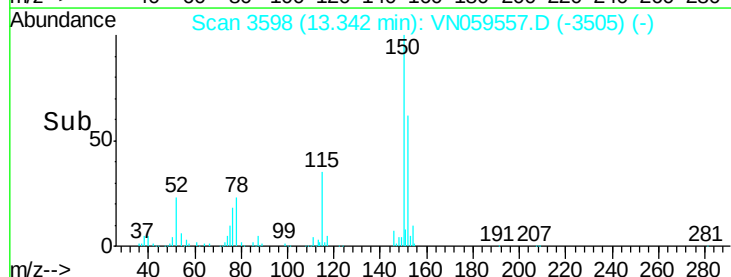
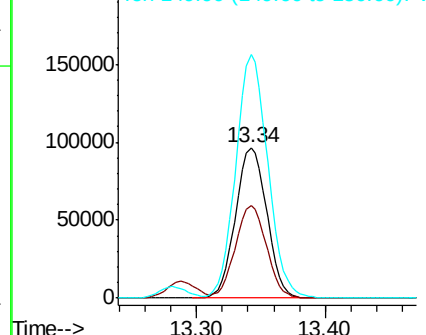


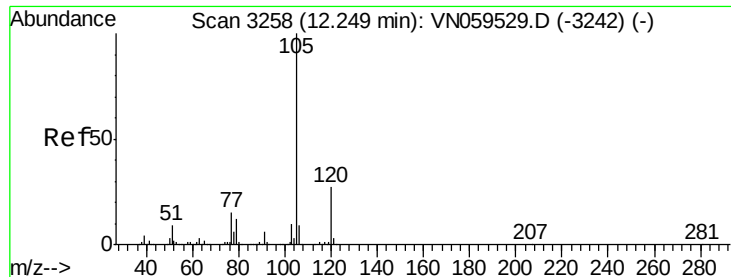
Abundance

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: 20.880 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. -0.00 min

Lab File: VN059557.D

Acq: 11 Dec 2019 13:08

Instrument :

MSVOA_N

ClientSampleId :

VN1211WBS01

Tot Ion: 105 Resp: 255216

Ion Ratio Lower Upper

105 100

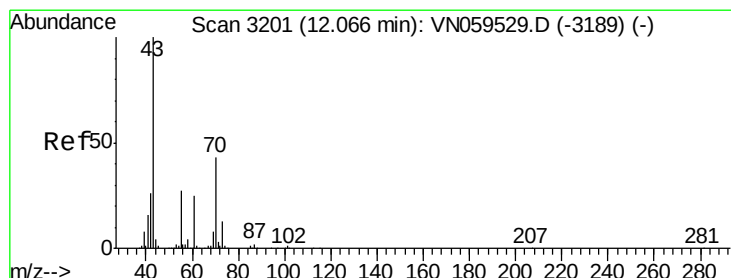
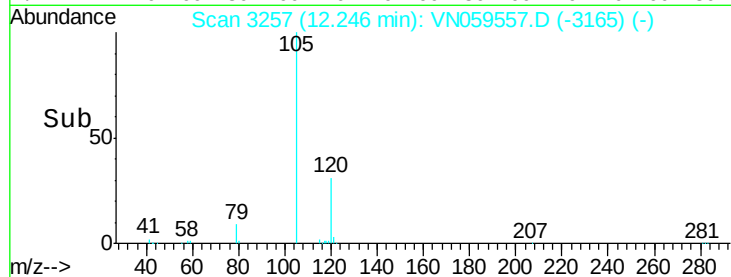
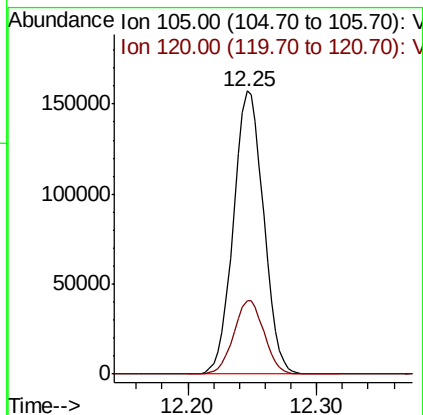
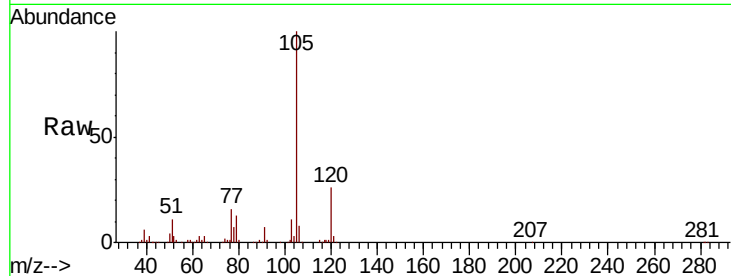
120 26.0 13.2 39.5

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#74

N-ethyl acetate

Concen: 19.627 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN059557.D

Acq: 11 Dec 2019 13:08

Tgt Ion: 43 Resp: 104498

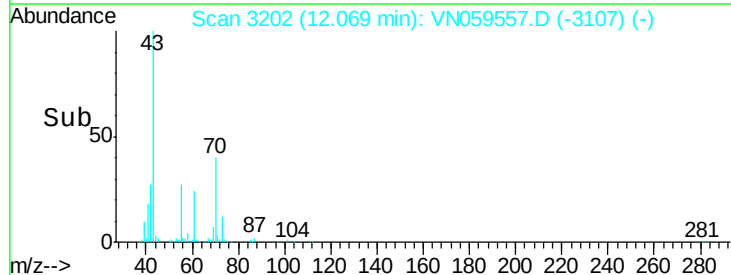
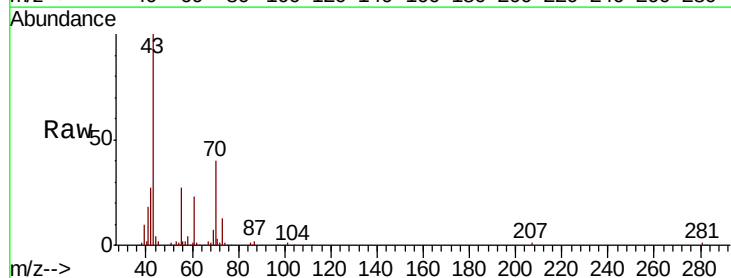
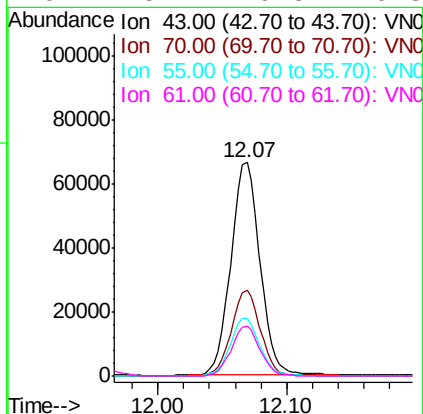
Ion Ratio Lower Upper

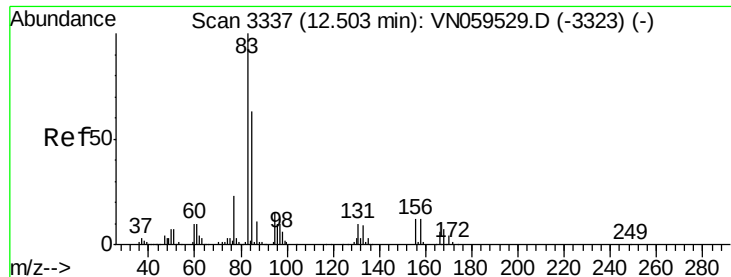
43 100

70 40.2 34.2 51.4

55 27.6 21.3 31.9

61 23.2 19.8 29.8





#75

1,1,2,2-Tetrachloroethane

Concen: 19.078 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN059557.D

Acq: 11 Dec 2019 13:08

Instrument :

MSVOA_N

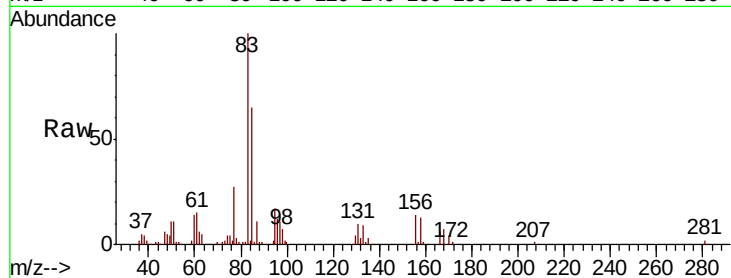
ClientSampleId :

VN1211WBS01

Tot Ion:	83	Resp:	79016
Ion Ratio	Lower	Upper	
83	100		
131	9.9	5.0	14.9
85	65.2	31.6	95.0

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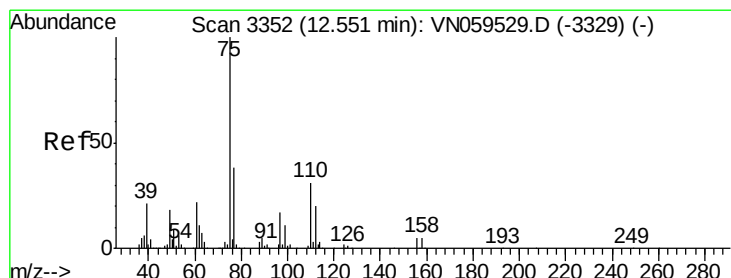
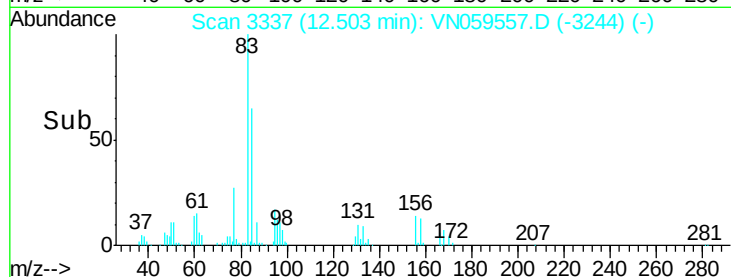
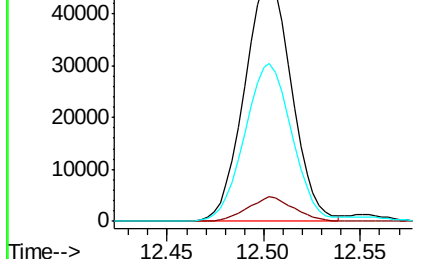


Abundance Ion 82.90 (82.60 to 83.60): VN059557.D (-3337) (-)

Ion 130.80 (130.50 to 131.50): VN059557.D (-3337) (-)

Ion 84.90 (84.60 to 85.60): VN059557.D (-3337) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 20.254 ug/l m

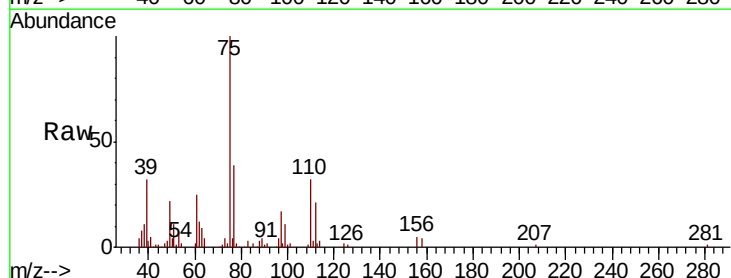
RT: 12.55 min Scan# 3352

Delta R.T. 0.00 min

Lab File: VN059557.D

Acq: 11 Dec 2019 13:08

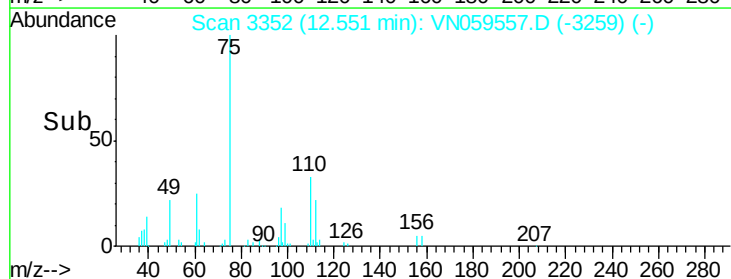
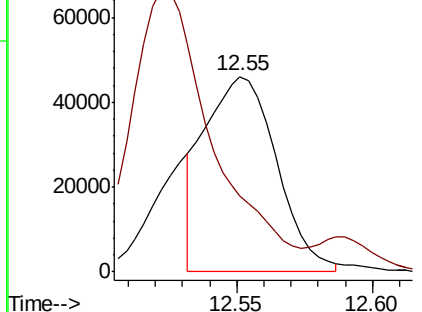
Tgt Ion:	75	Resp:	84399
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0

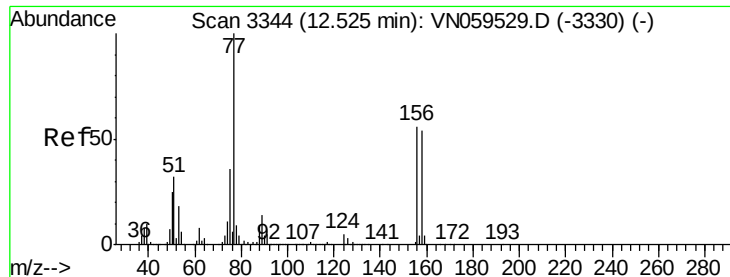


Abundance Ion 74.90 (74.60 to 75.60): VN059557.D (-3352) (-)

Ion 77.00 (76.70 to 77.70): VN059557.D (-3352) (-)

Time-->





#77

Bromobenzene

Concen: 19.567 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. -0.00 min

Lab File: VN059557.D

Acq: 11 Dec 2019 13:08

Instrument :

MSVOA_N

ClientSampleId :

VN1211WBS01

Tot Ion:156 Resp: 59543

Ion Ratio Lower Upper

156 100

77 235.4 109.3 327.8

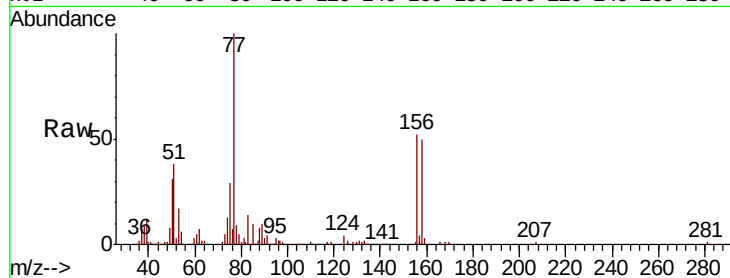
158 96.9 48.6 145.8

Manual Integrations

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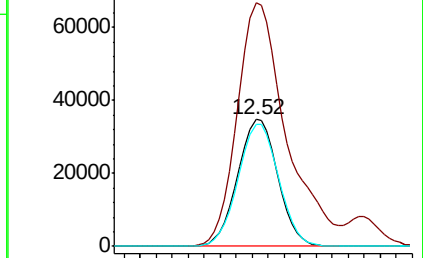
12/12/2019 9:25:29 AM



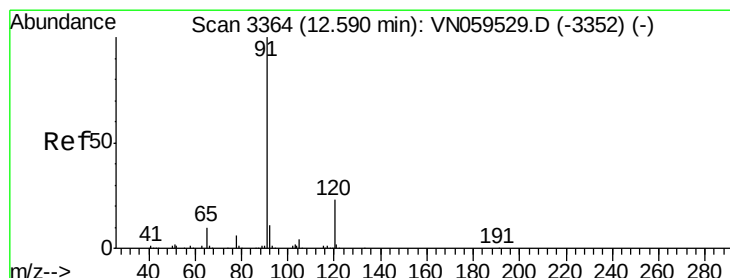
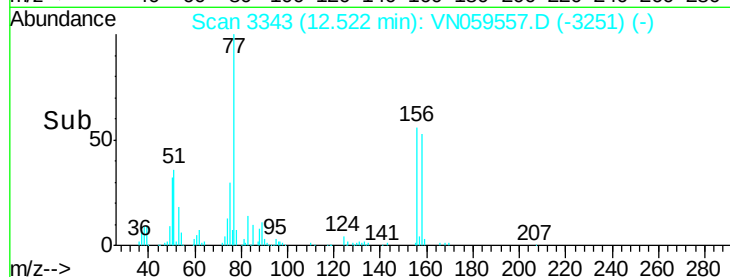
Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



Time-->



#78

n-propylbenzene

Concen: 20.147 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN059557.D

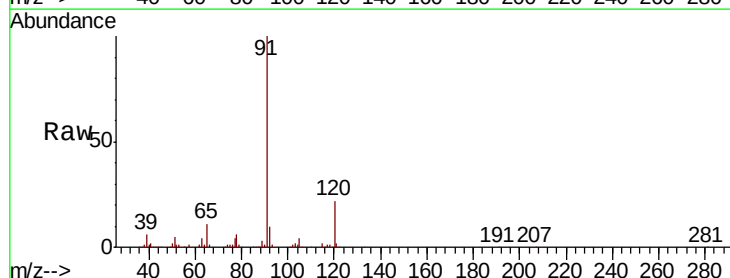
Acq: 11 Dec 2019 13:08

Tgt Ion: 91 Resp: 302601

Ion Ratio Lower Upper

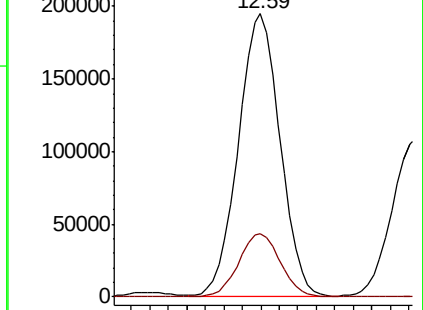
91 100

120 22.4 11.4 34.1

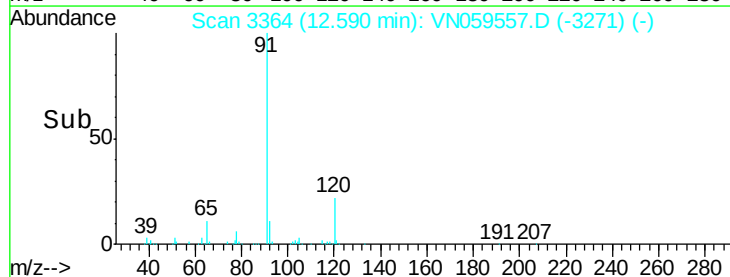


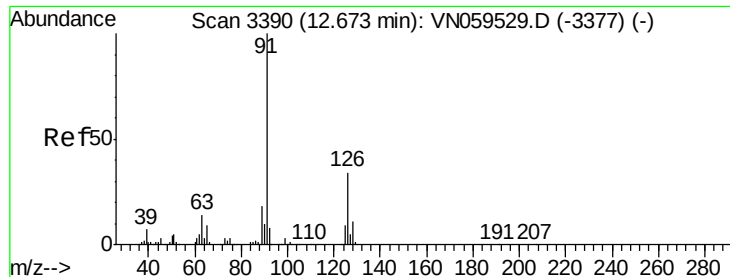
Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V



Time-->





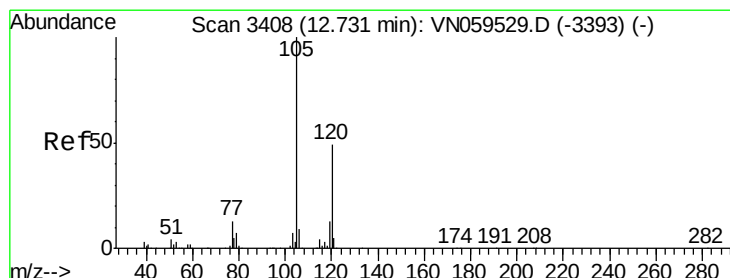
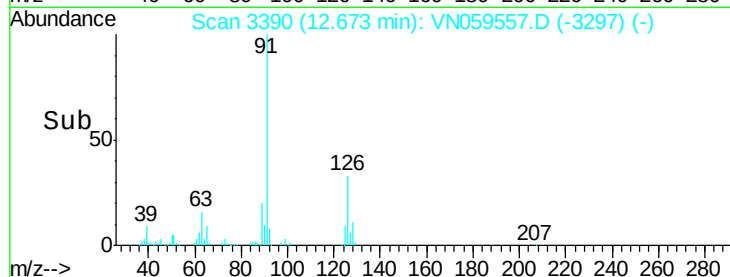
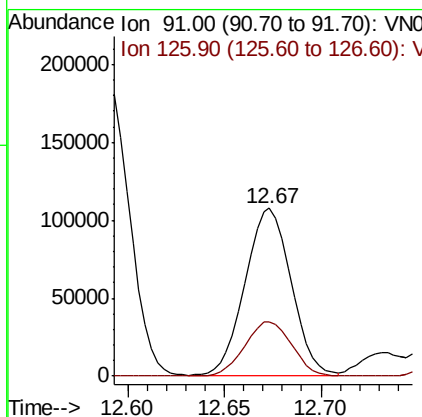
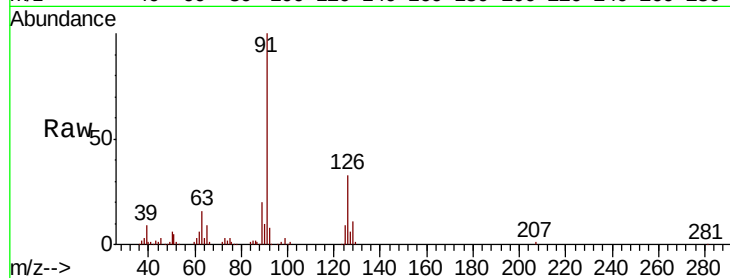
#79
 2-Chlorotoluene
 Concen: 19.853 ug/l
 RT: 12.67 min Scan# 3390
 Delta R.T. -0.00 min
 Lab File: VN059557.D
 Acq: 11 Dec 2019 13:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1211WBS01

Tot Ion: 91 Resp: 177814
 Ion Ratio Lower Upper
 91 100
 126 33.5 16.9 50.7

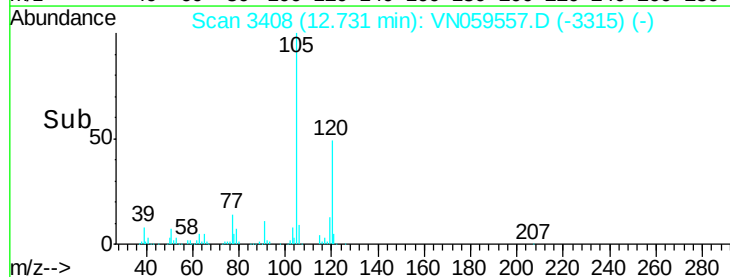
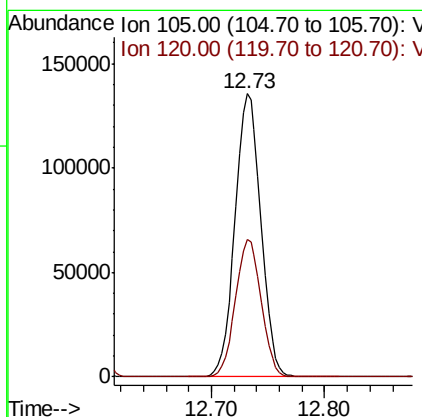
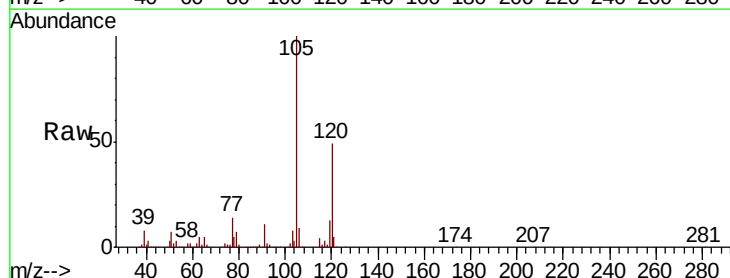
Manual Integrations
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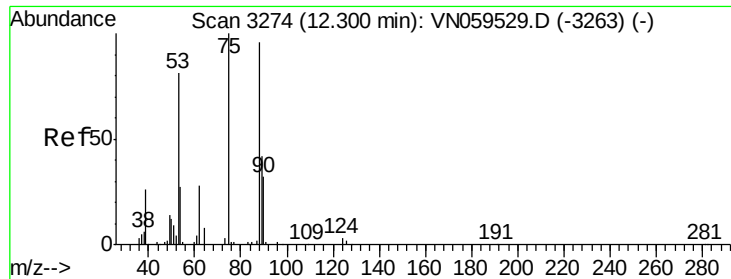
apatel
 12/12/2019 9:25:29 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 20.592 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN059557.D
 Acq: 11 Dec 2019 13:08

Tgt Ion: 105 Resp: 215836
 Ion Ratio Lower Upper
 105 100
 120 48.4 24.5 73.5





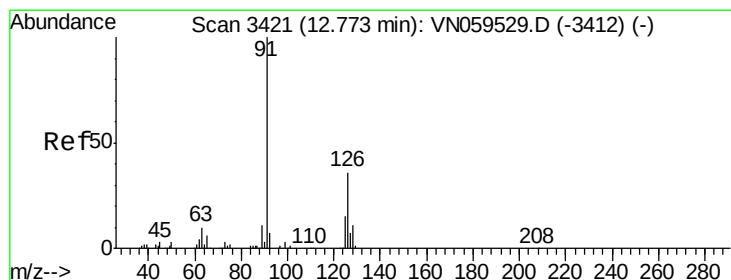
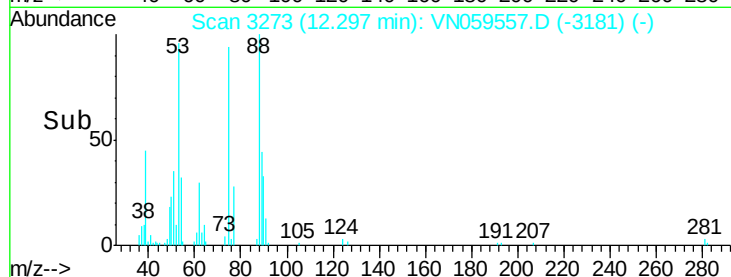
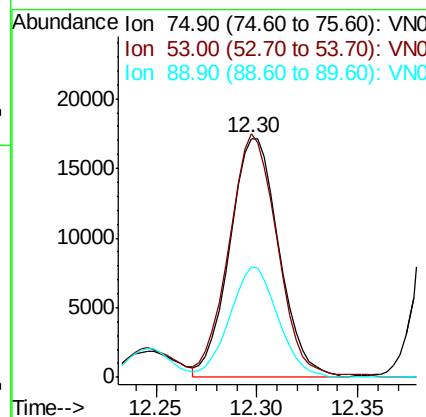
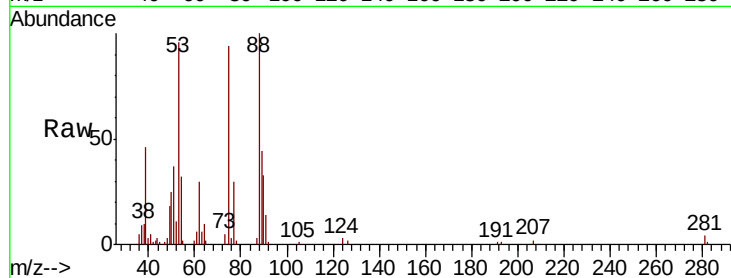
#81
trans-1,4-Dichloro-2-butene
Concen: 18.930 ug/l
RT: 12.30 min Scan# 3273
Delta R.T. -0.00 min
Lab File: VN059557.D
Acq: 11 Dec 2019 13:08

Instrument :
MSVOA_N
ClientSampleId :
VN1211WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	100.4	67.0	100.6
89	45.2	35.5	53.3

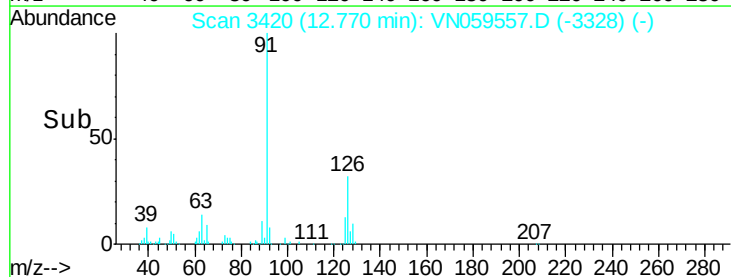
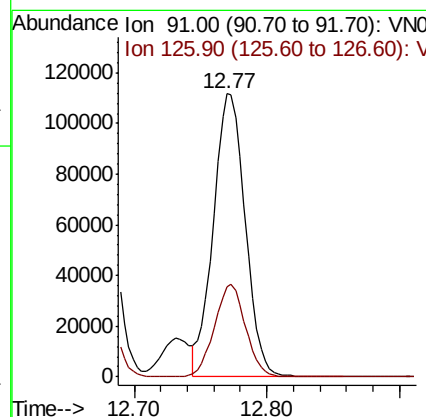
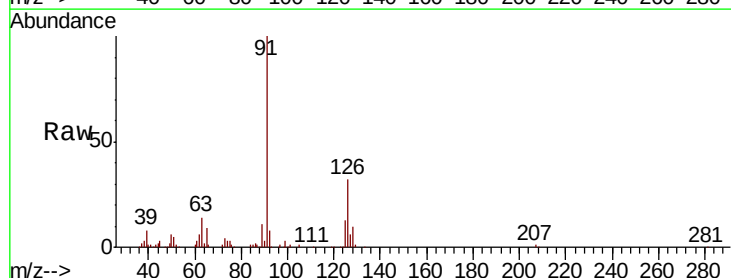
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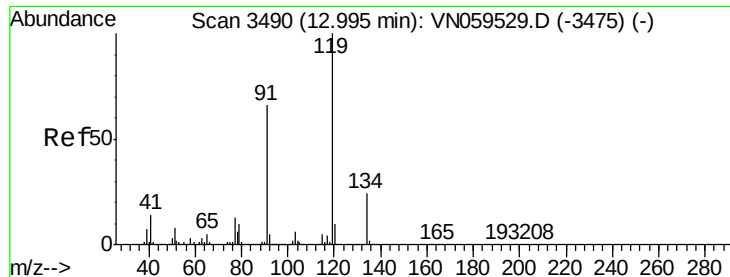
apatel
12/12/2019 9:25:29 AM



#82
4-Chlorotoluene
Concen: 20.278 ug/l
RT: 12.77 min Scan# 3420
Delta R.T. -0.00 min
Lab File: VN059557.D
Acq: 11 Dec 2019 13:08

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.0	16.4	49.4





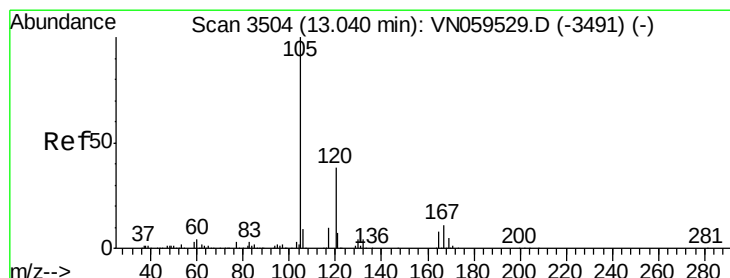
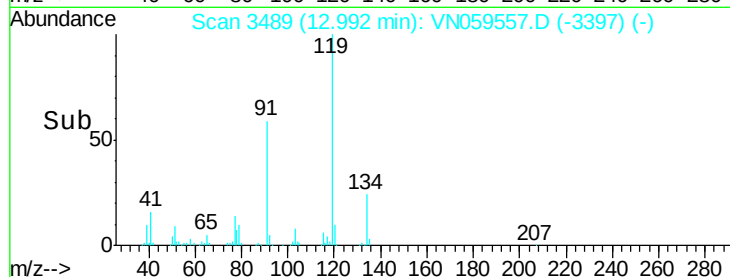
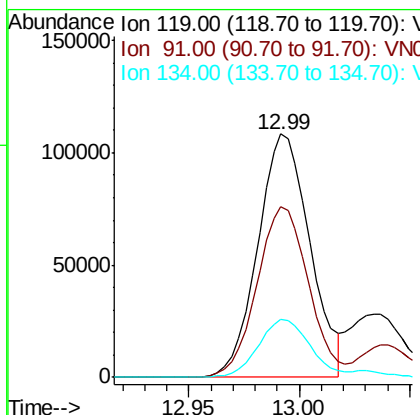
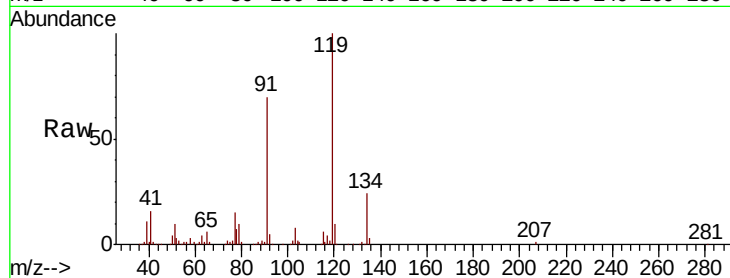
#83
 tert-Butylbenzene
 Concen: 20.348 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. -0.00 min
 Lab File: VN059557.D
 Acq: 11 Dec 2019 13:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1211WBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	69.1	32.8	98.4
134	23.6	12.8	38.3

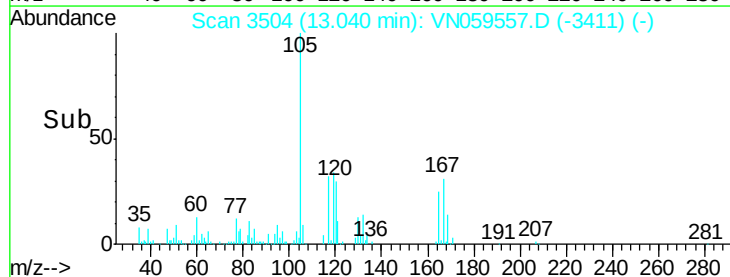
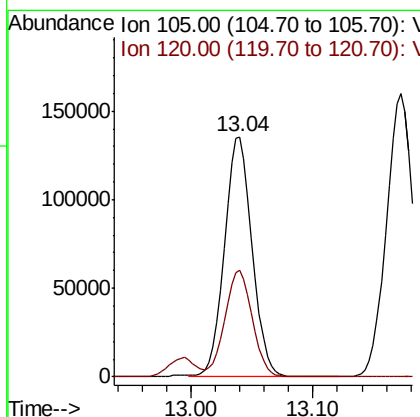
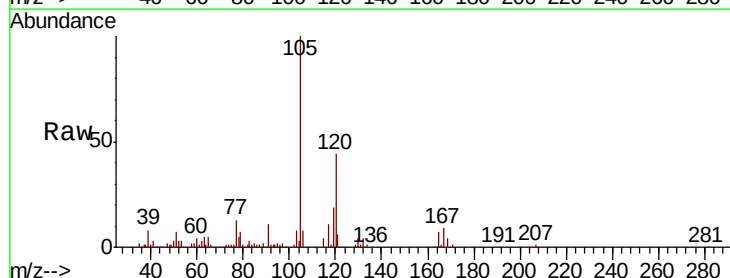
Manual Integrations
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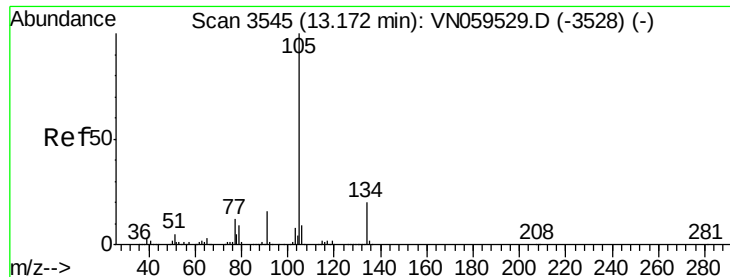
apatel
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.794 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN059557.D
 Acq: 11 Dec 2019 13:08

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.0	22.8	68.3





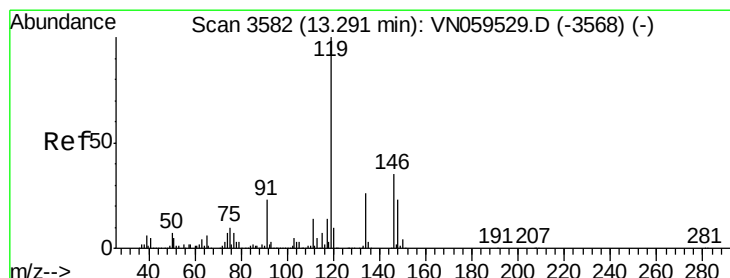
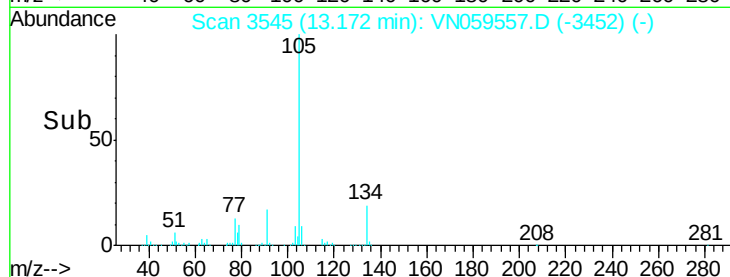
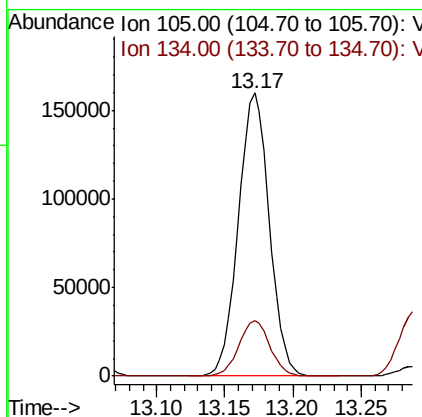
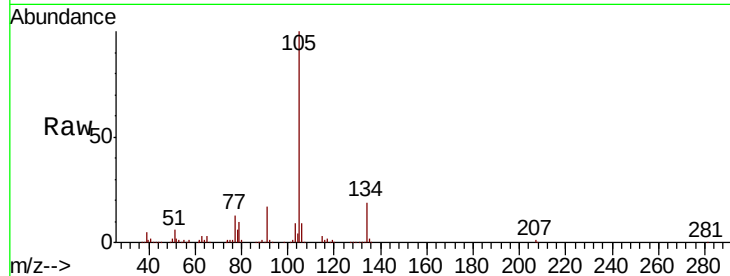
#85
 sec-Butylbenzene
 Concen: 20.964 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN059557.D
 Acq: 11 Dec 2019 13:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1211WBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	251687		
134	19.6	9.8	29.5	

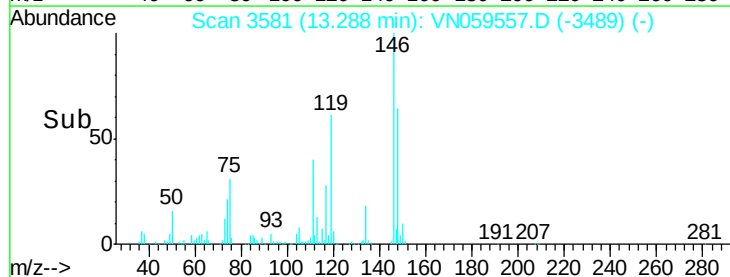
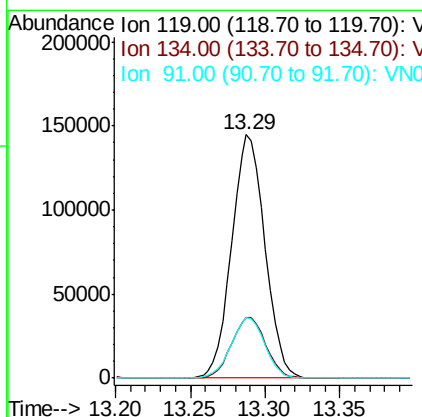
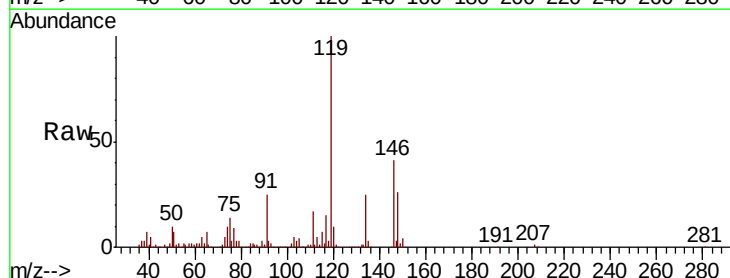
Manual Integrations
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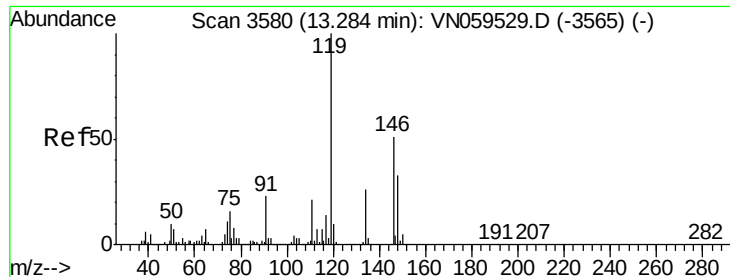
apatel
 12/12/2019 9:25:29 AM



#86
 p-Isopropyltoluene
 Concen: 20.794 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN059557.D
 Acq: 11 Dec 2019 13:08

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	223126		
134	25.8	13.0	39.0	
91	25.2	11.7	35.1	





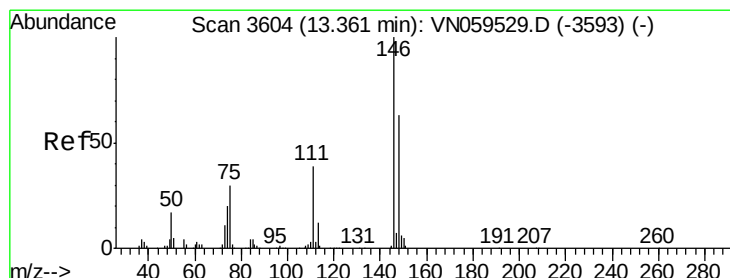
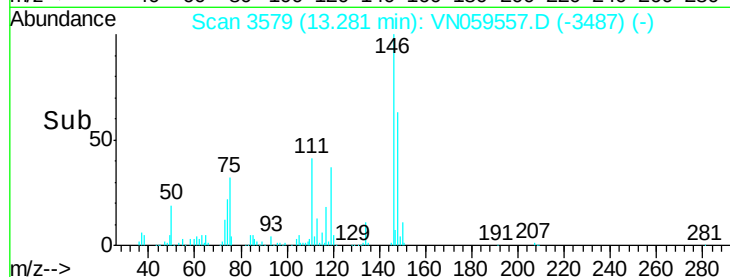
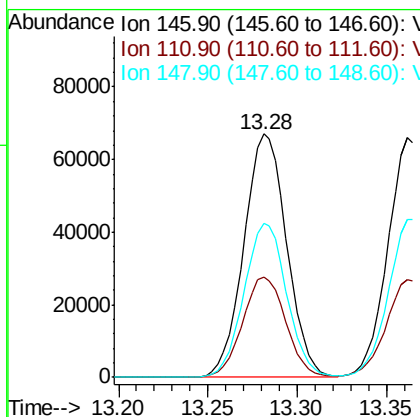
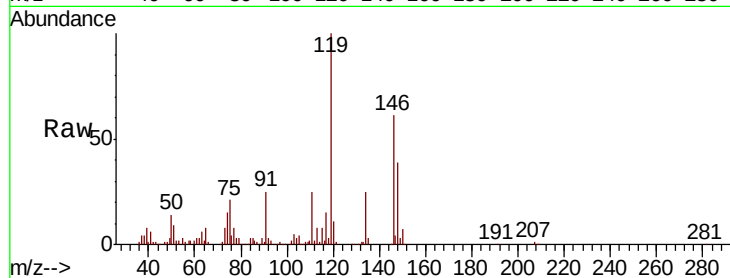
#87
1,3-Dichlorobenzene
Concen: 20.069 ug/l
RT: 13.28 min Scan# 3579
Delta R.T. -0.00 min
Lab File: VN059557.D
Acq: 11 Dec 2019 13:08

Instrument :
MSVOA_N
ClientSampleId :
VN1211WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.6	61.8
148	63.0	32.0	96.0

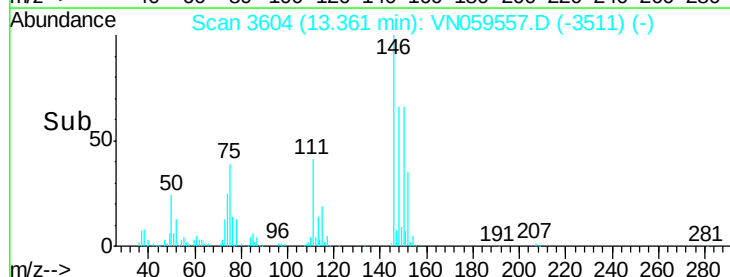
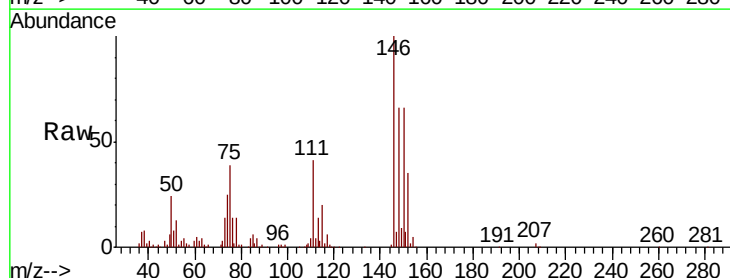
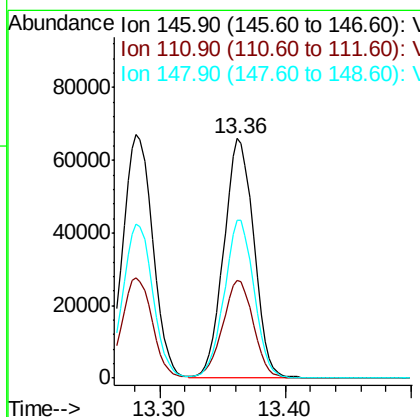
Manual Integrations
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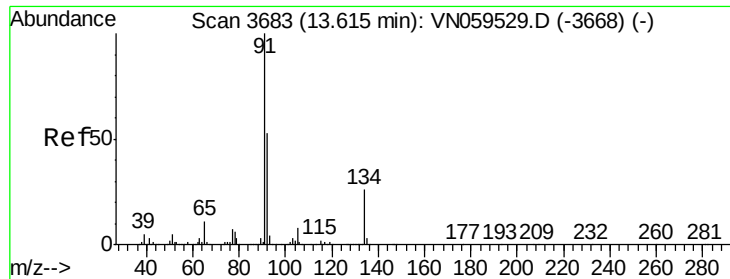
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#88
1,4-Dichlorobenzene
Concen: 20.017 ug/l
RT: 13.36 min Scan# 3604
Delta R.T. 0.00 min
Lab File: VN059557.D
Acq: 11 Dec 2019 13:08

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.9	20.0	59.9
148	65.5	31.9	95.7





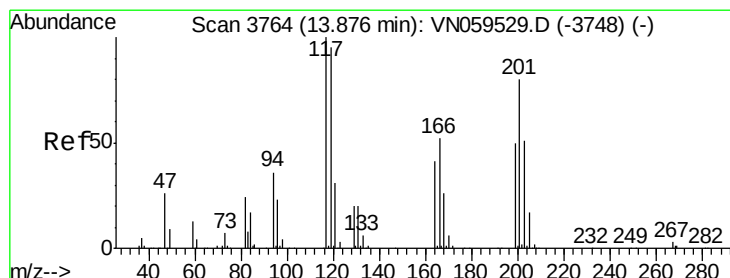
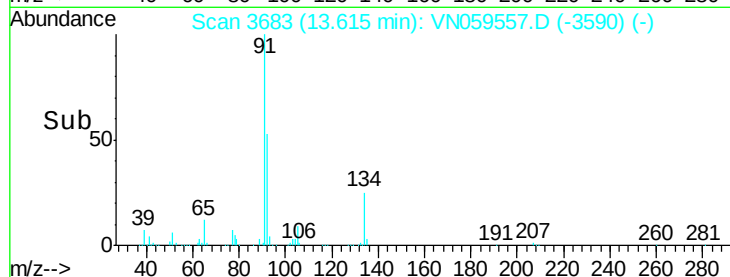
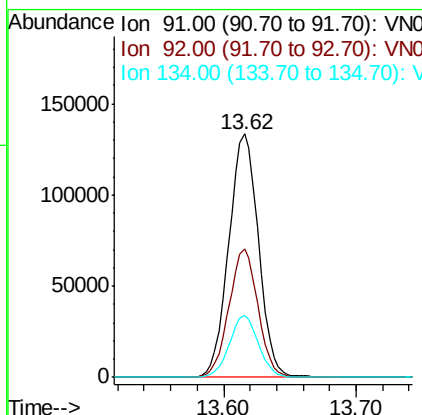
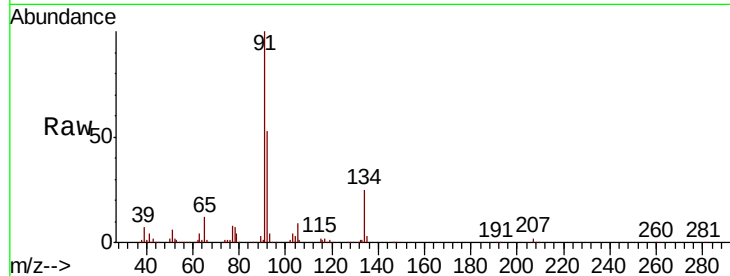
#89
n-Butylbenzene
Concen: 20.694 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. -0.00 min
Lab File: VN059557.D
Acq: 11 Dec 2019 13:08

Instrument :
MSVOA_N
ClientSampleId :
VN1211WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.4	26.3	78.9
134	24.8	12.8	38.4

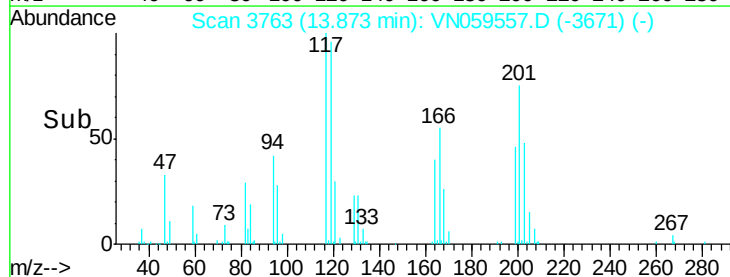
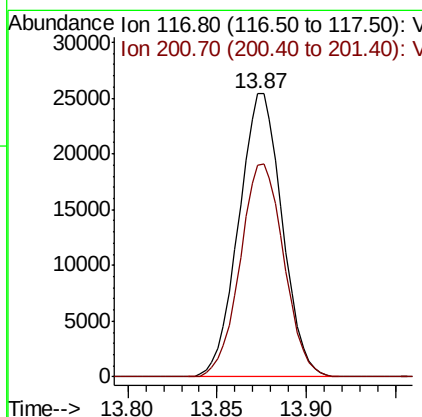
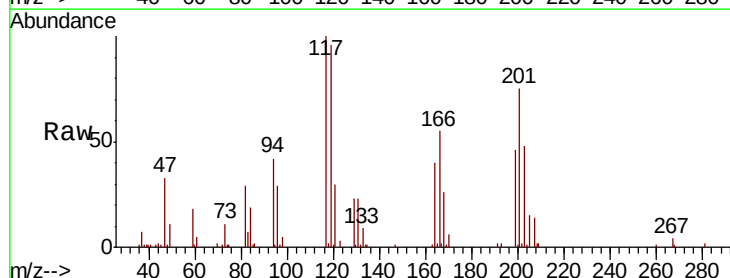
Manual Integrations
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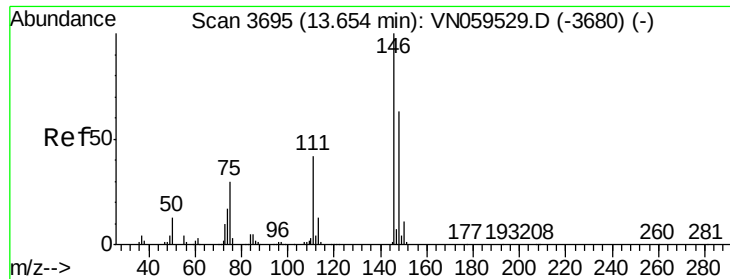
apatel
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#90
Hexachloroethane
Concen: 21.881 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. -0.00 min
Lab File: VN059557.D
Acq: 11 Dec 2019 13:08

Tgt Ion	Ratio	Lower	Upper
117	100		
201	75.5	40.5	121.5





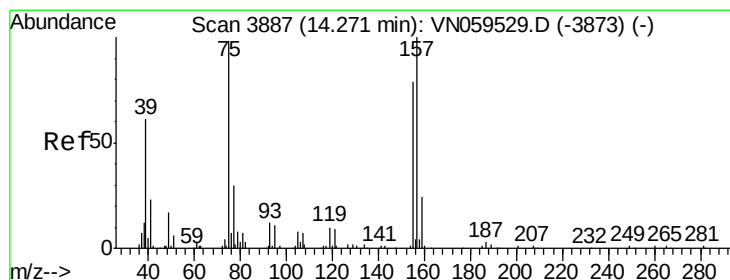
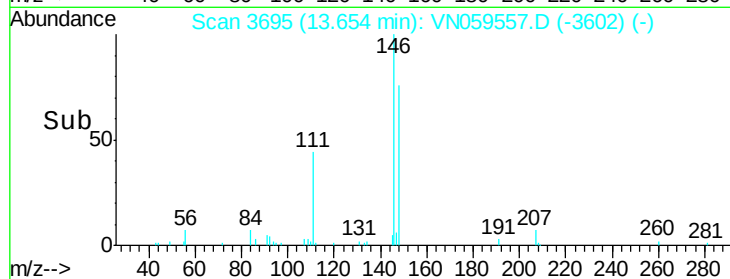
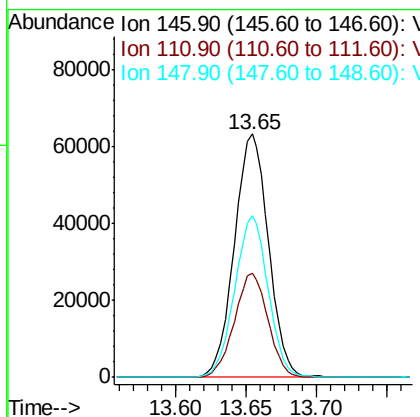
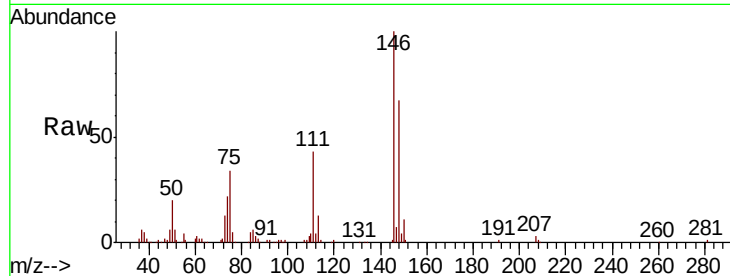
#91
 1,2-Dichlorobenzene
 Concen: 20.332 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN059557.D
 Acq: 11 Dec 2019 13:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1211WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.2	20.9	62.7
148	65.2	31.6	94.8

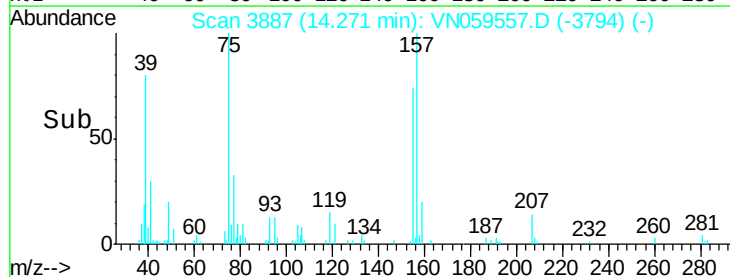
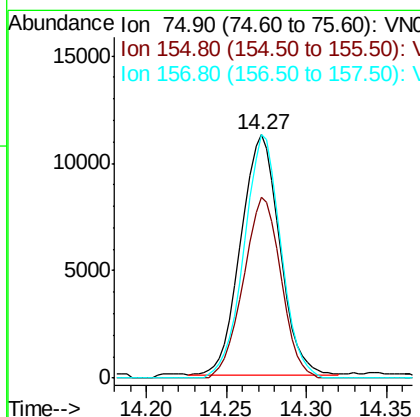
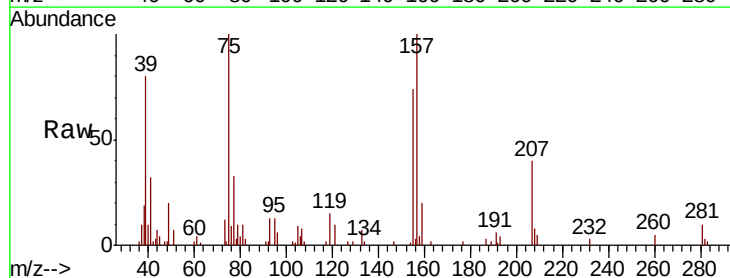
Manual Integrations
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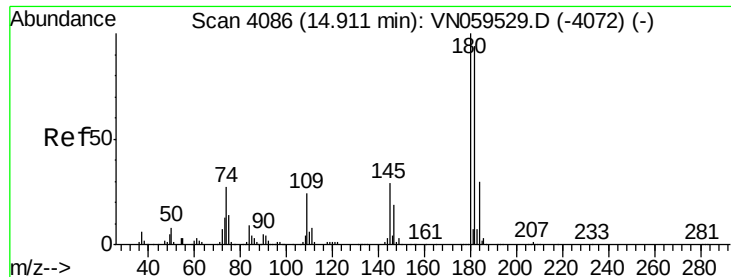
apatel
 12/12/2019 9:25:29 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.639 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. 0.00 min
 Lab File: VN059557.D
 Acq: 11 Dec 2019 13:08

Tgt Ion	Ratio	Lower	Upper
75	100		
155	73.2	40.4	121.1
157	96.6	51.1	153.3





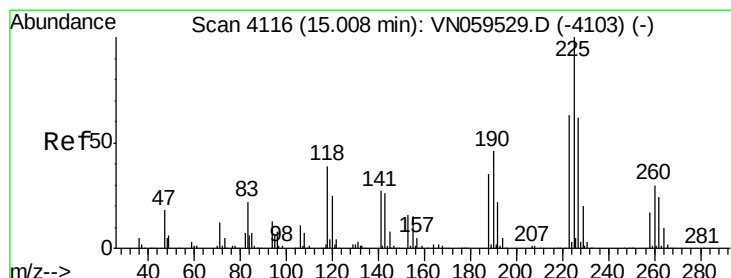
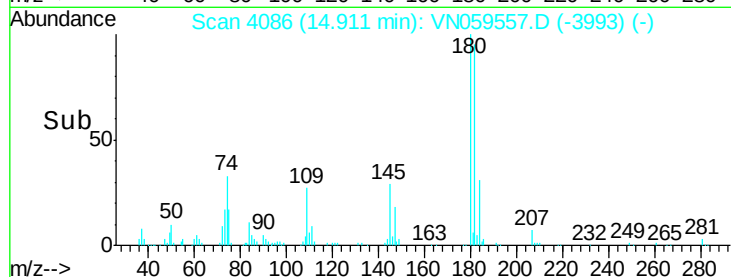
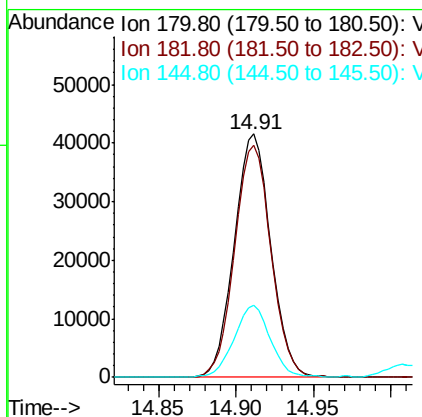
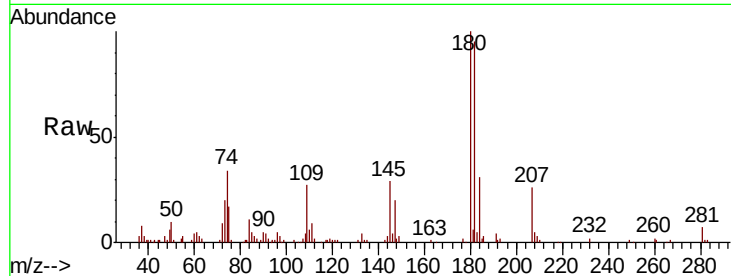
#93
 1,2,4-Trichlorobenzene
 Concen: 18.714 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN059557.D
 Acq: 11 Dec 2019 13:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1211WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.3	142.0
145	29.4	14.9	44.7

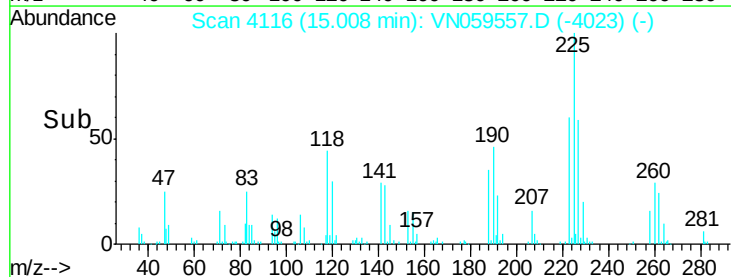
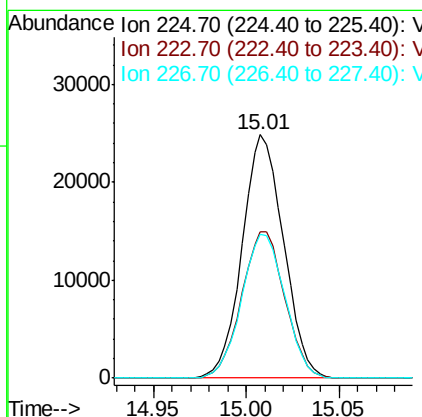
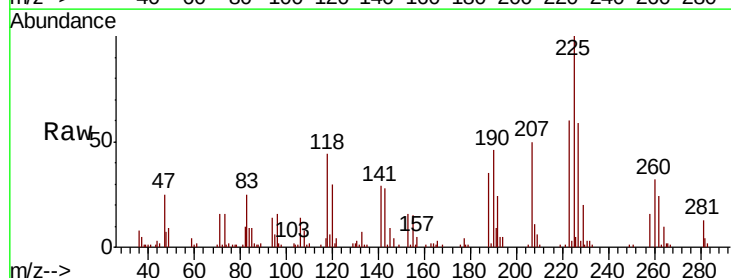
Manual Integrations
 APPROVED

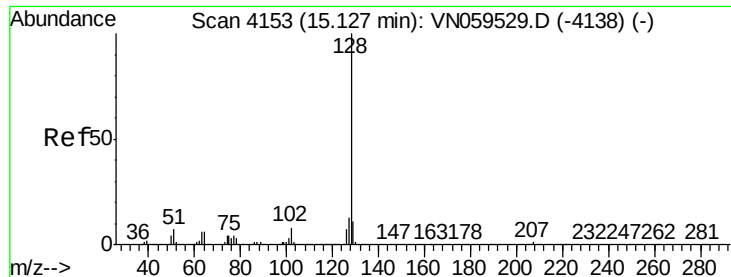
apatel
 12/12/2019 9:25:29 AM



#94
 Hexachlorobutadiene
 Concen: 20.727 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN059557.D
 Acq: 11 Dec 2019 13:08

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	31.3	93.9
227	61.7	31.6	95.0





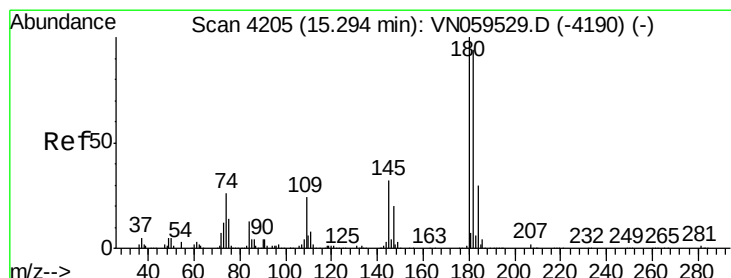
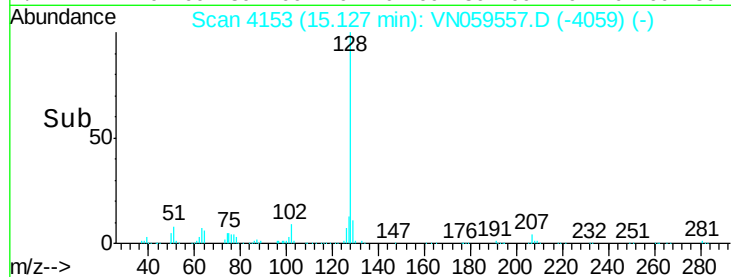
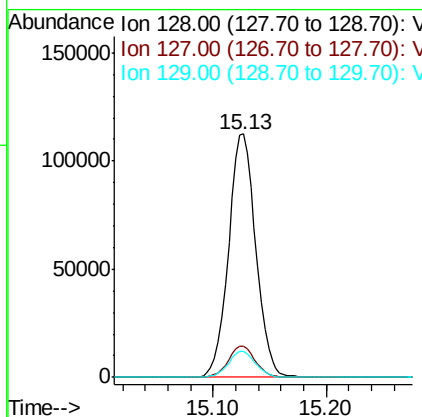
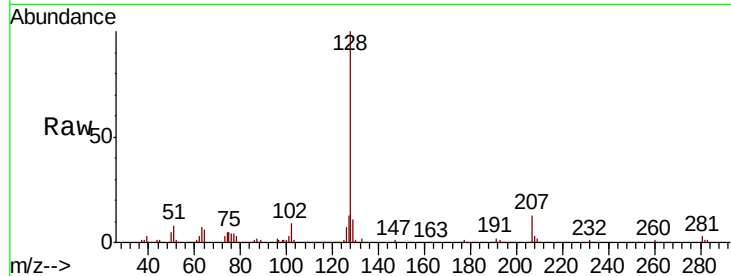
#95
Naphthalene
Concen: 17.693 ug/l
RT: 15.13 min Scan# 4153
Delta R.T. 0.00 min
Lab File: VN059557.D
Acq: 11 Dec 2019 13:08

Instrument :
MSVOA_N
ClientSampleId :
VN1211WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.4
129	10.8	8.6	13.0

Manual Integrations
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apatel
12/12/2019 9:25:29 AM



#96
1,2,3-Trichlorobenzene
Concen: 20.075 ug/l
RT: 15.29 min Scan# 4205
Delta R.T. 0.00 min
Lab File: VN059557.D
Acq: 11 Dec 2019 13:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	47.1	141.4
145	32.4	15.8	47.4

