

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062620\
 Data File : VN062157.D
 Acq On : 26 Jun 2020 23:03
 Operator : JC/MD
 Sample : VN0626WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0626WBS02

Manual Integrations
 APPROVED

MMDadoda
 6/29/2020 12:35:52 PM

Quant Time: Jun 27 06:29:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	241244	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	433835	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	399948	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	179952	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	166667	49.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.46%	
35) Dibromofluoromethane	7.55	113	137460	49.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.78%	
50) Toluene-d8	10.06	98	537494	48.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.62%	
62) 4-Bromofluorobenzene	12.38	95	177150	47.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	48323	17.721	ug/l	98
3) Chloromethane	2.03	50	62470	18.620	ug/l	98
4) Vinyl Chloride	2.16	62	74796	17.418	ug/l	97
5) Bromomethane	2.53	94	50963	18.363	ug/l	96
6) Chloroethane	2.67	64	51358	17.508	ug/l	99
7) Trichlorofluoromethane	2.98	101	88234	16.675	ug/l	100
8) Diethyl Ether	3.37	74	35867	19.412	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	50218	18.123	ug/l	99
10) Methyl Iodide	3.91	142	60055	19.244	ug/l	99
11) Tert butyl alcohol	4.73	59	46169	94.983	ug/l	99
12) 1,1-Dichloroethene	3.70	96	51541	18.606	ug/l	97
13) Acrolein	3.57	56	36267	76.207	ug/l	100
14) Allyl chloride	4.27	41	70201	18.614	ug/l	100
15) Acrylonitrile	4.93	53	124028	93.636	ug/l	99
16) Acetone	3.77	43	96815	88.490	ug/l	99
17) Carbon Disulfide	4.01	76	140127	17.694	ug/l	100
18) Methyl Acetate	4.28	43	51017	18.957	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	175342	19.809	ug/l	99
20) Methylene Chloride	4.50	84	62427	19.957	ug/l	92
21) trans-1,2-Dichloroethene	4.99	96	55711	17.654	ug/l	98
22) Diisopropyl ether	5.90	45	161791	18.841	ug/l	93
23) Vinyl Acetate	5.84	43	669149	95.444	ug/l	99
24) 1,1-Dichloroethane	5.80	63	103501	18.718	ug/l	99
25) 2-Butanone	6.79	43	152734	92.299	ug/l	99
26) 2,2-Dichloropropane	6.78	77	68916	14.956	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	67420	18.987	ug/l	97
28) Bromochloromethane	7.15	49	42212	17.594	ug/l	99
29) Tetrahydrofuran	7.17	42	103518	95.500	ug/l	100
30) Chloroform	7.33	83	104172	18.516	ug/l	99
31) Cyclohexane	7.61	56	85349	18.247	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	90026	18.975	ug/l	99
36) 1,1-Dichloropropene	7.75	75	76055	17.441	ug/l	100
37) Ethyl Acetate	6.88	43	66217	18.338	ug/l	98
38) Carbon Tetrachloride	7.73	117	74985	18.239	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	85667	17.930	ug/l	97
40) Benzene	8.00	78	237891	17.898	ug/l	99
41) Methacrylonitrile	7.13	41	29671	17.724	ug/l	98
42) 1,2-Dichloroethane	8.09	62	83258	18.540	ug/l	100
43) Isopropyl Acetate	8.13	43	110341	18.745	ug/l #	89
44) Trichloroethene	8.80	130	62126	18.530	ug/l	98
45) 1,2-Dichloropropane	9.09	63	61799	18.847	ug/l	99
46) Dibromomethane	9.18	93	41199	18.532	ug/l	98
47) Bromodichloromethane	9.37	83	82114	18.293	ug/l	99
48) Methyl methacrylate	9.17	41	48488	18.372	ug/l	98
49) 1,4-Dioxane	9.17	88	21272	363.444	ug/l	100
51) 4-Methyl-2-Pentanone	9.95	43	328285	95.456	ug/l	100
52) Toluene	10.12	92	152580	18.815	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	86482	17.511	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	94682	18.008	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	59919	18.796	ug/l	99
56) Ethyl methacrylate	10.40	69	80629	18.952	ug/l	99
57) 1,3-Dichloropropane	10.68	76	101432	18.486	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	145406	91.210	ug/l	99
59) 2-Hexanone	10.72	43	228940	92.188	ug/l	99
60) Dibromochloromethane	10.87	129	62906	18.639	ug/l	98
61) 1,2-Dibromoethane	10.98	107	60530	18.479	ug/l	99
64) Tetrachloroethene	10.60	164	48891	17.896	ug/l	99
65) Chlorobenzene	11.41	112	161386	18.375	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.48	131	56586	18.632	ug/l	100
67) Ethyl Benzene	11.48	91	275744	18.590	ug/l	99
68) m/p-Xylenes	11.60	106	213952	37.292	ug/l	100
69) o-Xylene	11.92	106	101095	18.676	ug/l	97
70) Styrene	11.94	104	165764	18.362	ug/l	99
71) Bromoform	12.10	173	40483	18.748	ug/l #	98
73) Isopropylbenzene	12.22	105	271695	19.505	ug/l	99
74) N-amyl acetate	12.05	43	87790	19.319	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	85815	18.513	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	71118m	16.788	ug/l	
77) Bromobenzene	12.50	156	63578	18.384	ug/l	98
78) n-propylbenzene	12.57	91	298455	18.731	ug/l	99
79) 2-Chlorotoluene	12.65	91	179769	18.663	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	220981	19.569	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	23681	16.325	ug/l	95
82) 4-Chlorotoluene	12.75	91	182582	18.330	ug/l	99
83) tert-Butylbenzene	12.97	119	190160	19.677	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	215586	19.116	ug/l	99
85) sec-Butylbenzene	13.15	105	253098	19.820	ug/l	99
86) p-Isopropyltoluene	13.26	119	215713	19.281	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	112651	18.550	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	111868	17.871	ug/l	99
89) n-Butylbenzene	13.59	91	168392	18.104	ug/l	99
90) Hexachloroethane	13.85	117	40594	18.494	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	112293	19.069	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	13591	18.302	ug/l	97

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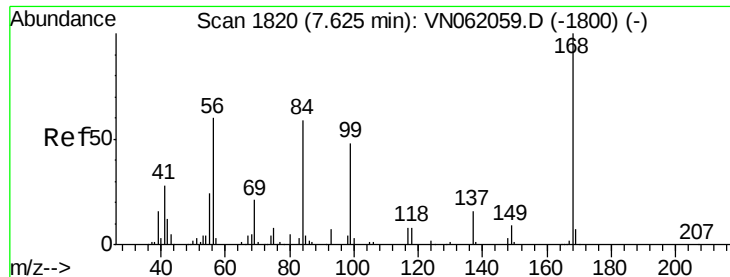
Manual Integrations
APPROVED

MMDadoda
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	46747	18.172	ug/l	98
94) Hexachlorobutadiene	14.99	225	21207	18.980	ug/l	97
95) Naphthalene	15.10	128	136370	18.623	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	49287	18.737	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062157.D

Acq: 26 Jun 2020 23:03

Instrument :

MSVOA_N

ClientSampleId :

VN0626WBS02

Tot Ion:168 Resp: 241244

Ion Ratio Lower Upper

168 100

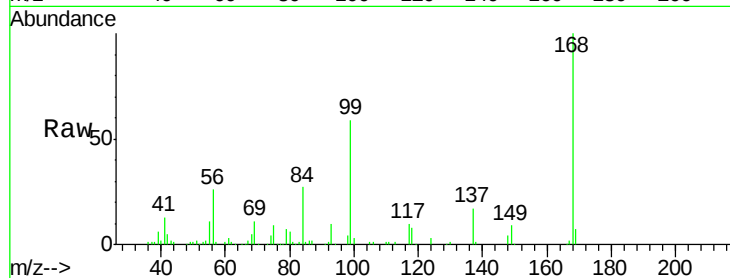
99 58.9 45.8 68.8

Manual Integrations

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6/29/2020 12:35:52 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

100000

80000

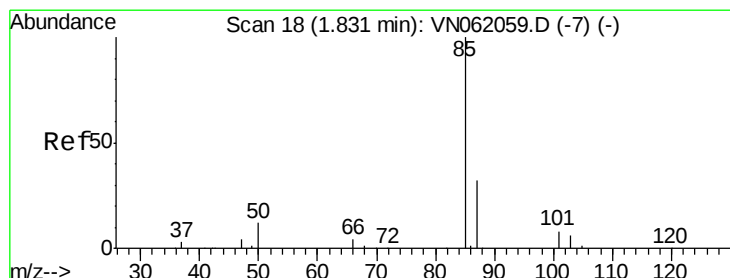
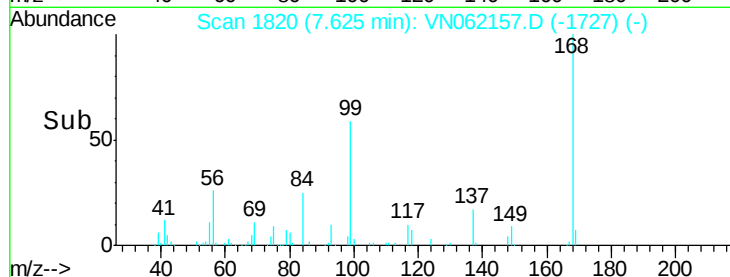
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 17.721 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062157.D

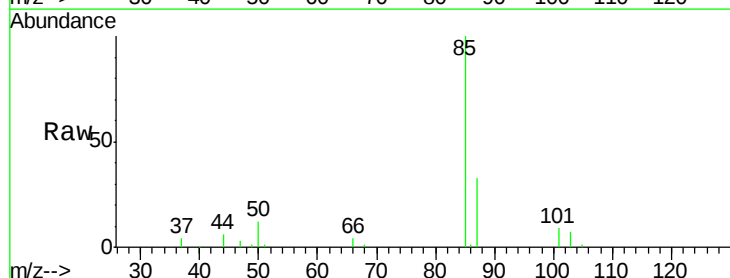
Acq: 26 Jun 2020 23:03

Tgt Ion: 85 Resp: 48323

Ion Ratio Lower Upper

85 100

87 33.1 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

40000

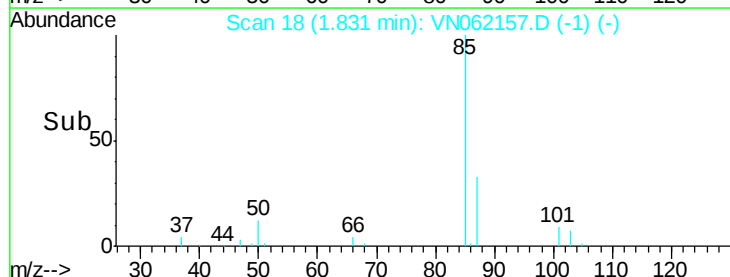
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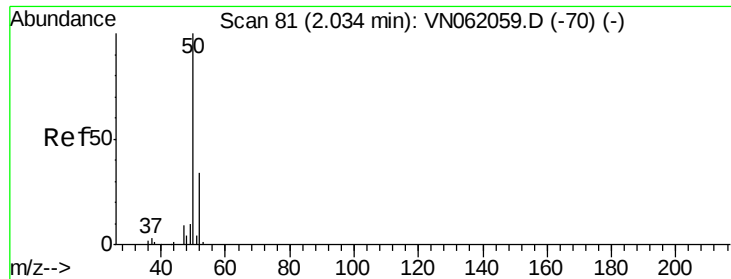
20000

10000

0

Time-->





#3

Chloromethane

Concen: 18.620 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN062157.D

Acq: 26 Jun 2020 23:03

Instrument :

MSVOA_N

ClientSampleId :

VN0626WBS02

Tot Ion: 50 Resp: 62470

Ion Ratio Lower Upper

50 100

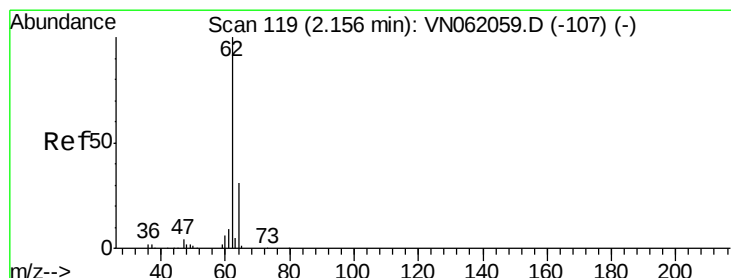
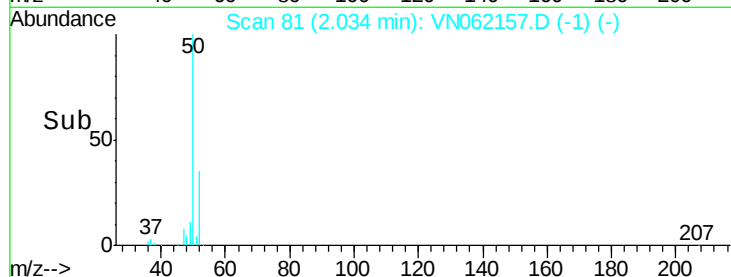
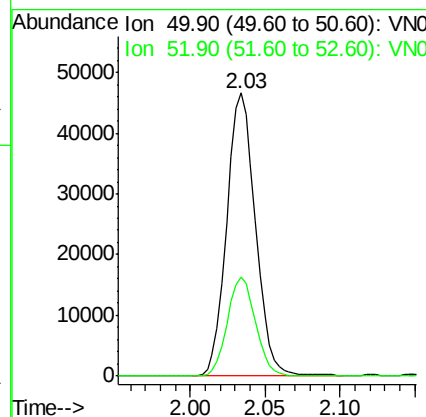
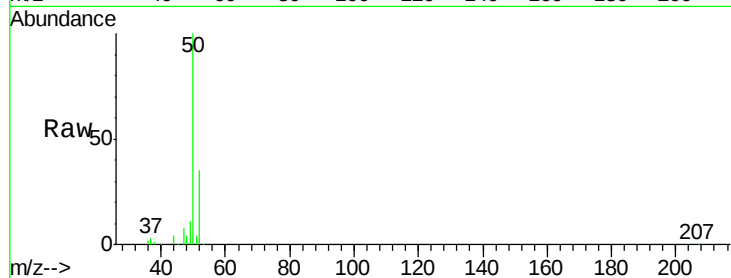
52 34.9 27.0 40.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 17.418 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN062157.D

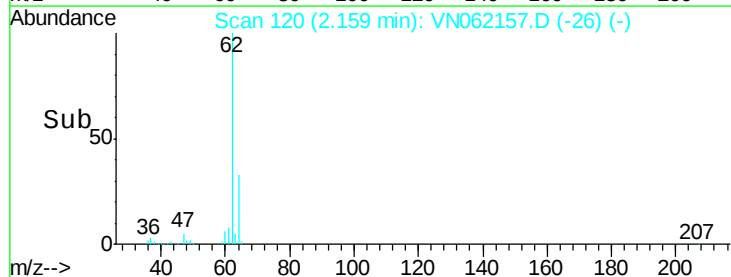
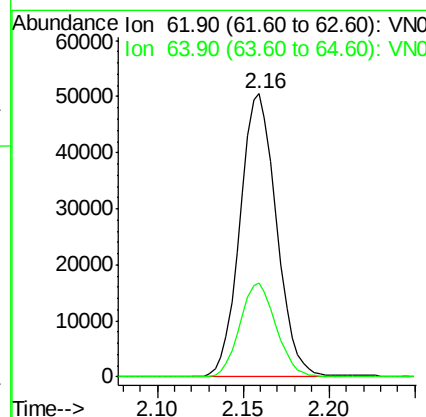
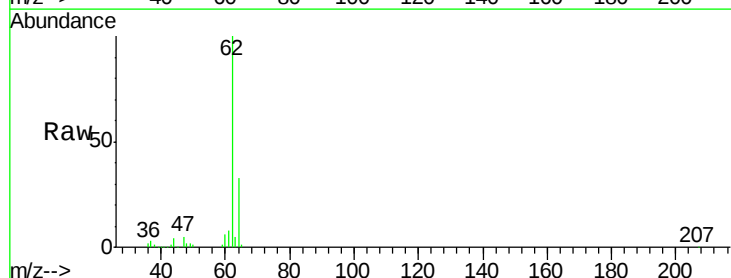
Acq: 26 Jun 2020 23:03

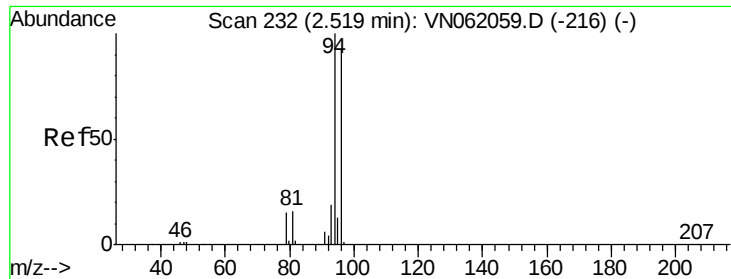
Tgt Ion: 62 Resp: 74796

Ion Ratio Lower Upper

62 100

64 33.2 25.1 37.7





#5

Bromomethane

Concen: 18.363 ug/l

RT: 2.53 min Scan# 236

Delta R.T. 0.01 min

Lab File: VN062157.D

Acq: 26 Jun 2020 23:03

Instrument :

MSVOA_N

ClientSampleId :

VN0626WBS02

Tot Ion: 94 Resp: 50963

Ion Ratio Lower Upper

94 100

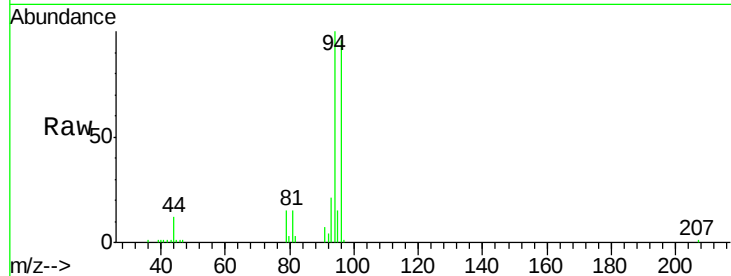
96 95.5 73.4 110.2

Manual Integrations

APPROVED

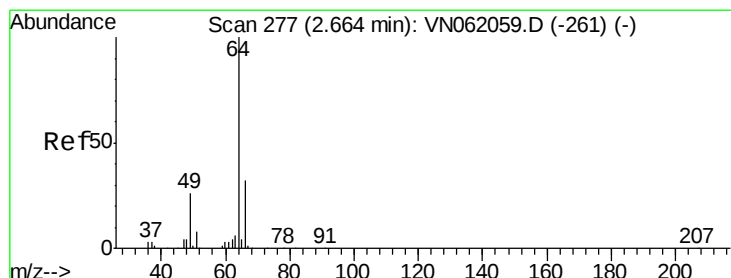
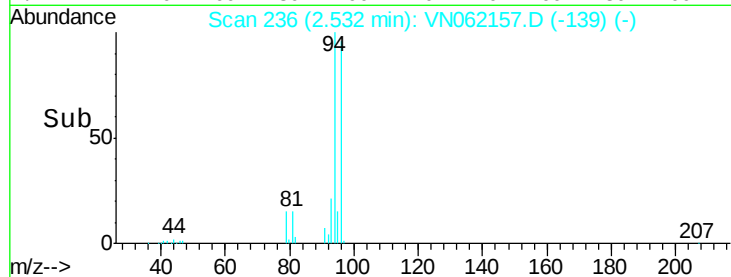
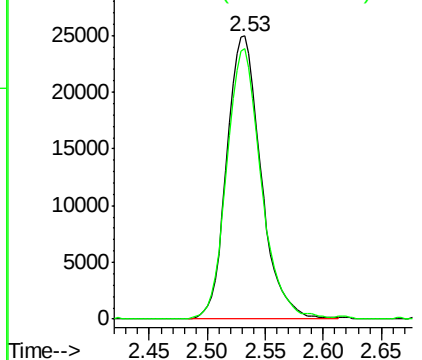
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 17.508 ug/l

RT: 2.67 min Scan# 279

Delta R.T. 0.01 min

Lab File: VN062157.D

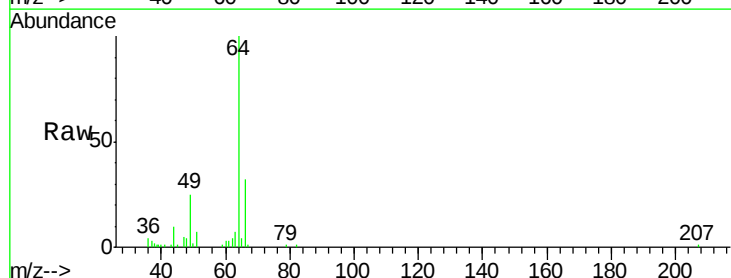
Acq: 26 Jun 2020 23:03

Tgt Ion: 64 Resp: 51358

Ion Ratio Lower Upper

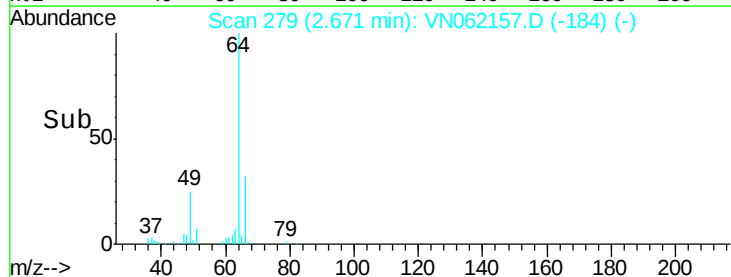
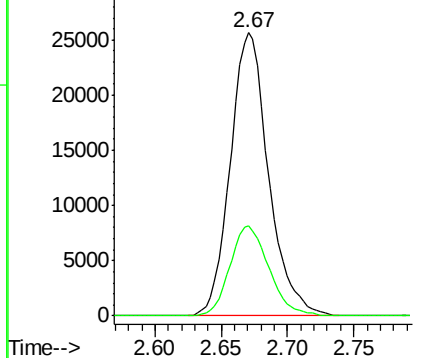
64 100

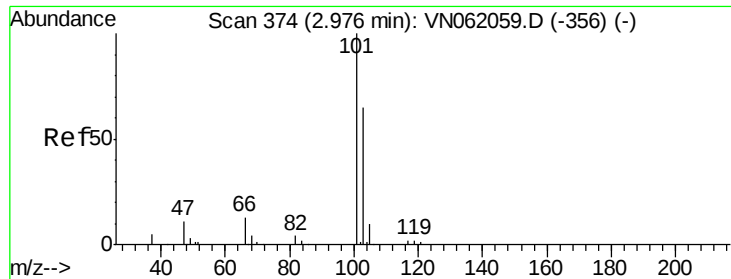
66 31.6 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

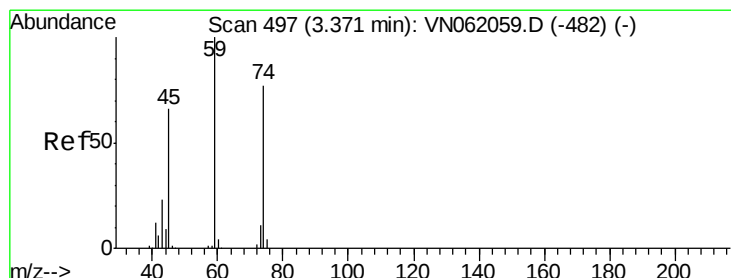
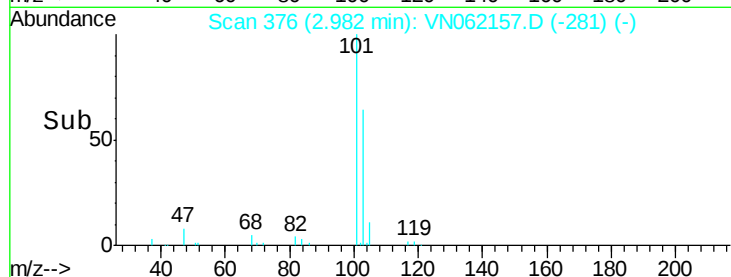
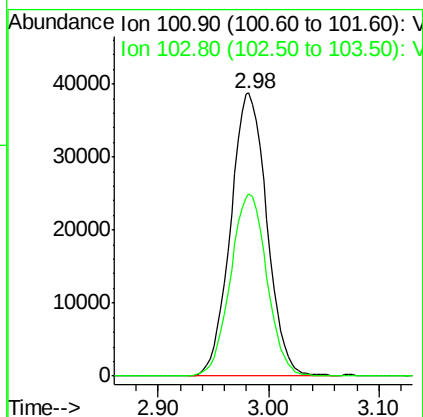
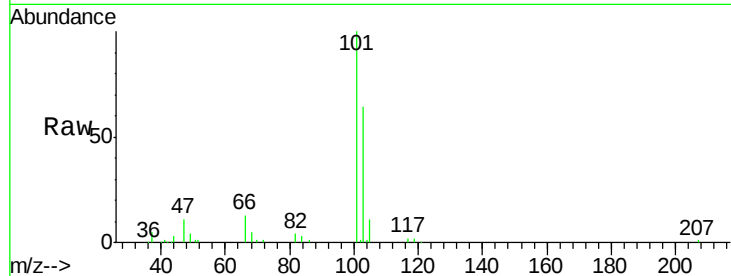
Trichlorofluoromethane
 Concen: 16.675 ug/l
 RT: 2.98 min Scan# 376
 Delta R.T. 0.01 min
 Lab File: VN062157.D
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Tot Ion	101	Resp	88234
Ion Ratio	100	Lower	Upper
101	100		
103	64.4	51.8	77.6

Manual Integrations
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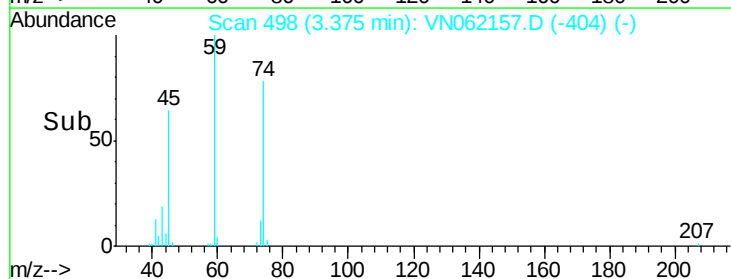
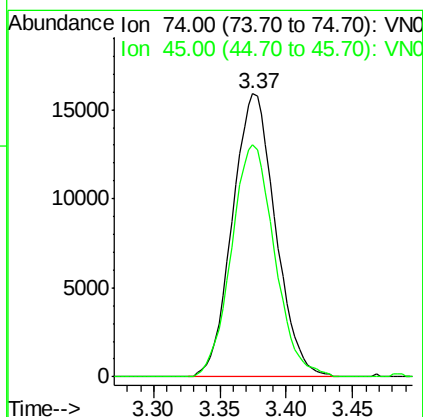
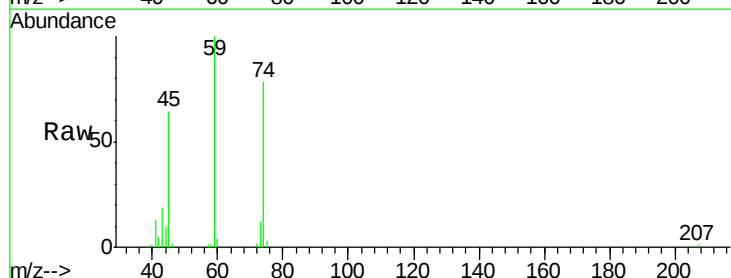
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 6/29/2020 12:35:52 PM

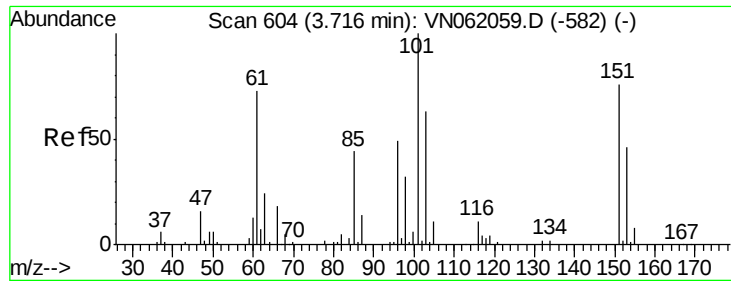


#8

Diethyl Ether
 Concen: 19.412 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: VN062157.D
 Acq: 26 Jun 2020 23:03

Tgt Ion	74	Resp	35867
Ion Ratio	100	Lower	Upper
74	100		
45	82.1	42.5	127.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.123 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.00 min

Lab File: VN062157.D

Acq: 26 Jun 2020 23:03

Instrument :

MSVOA_N

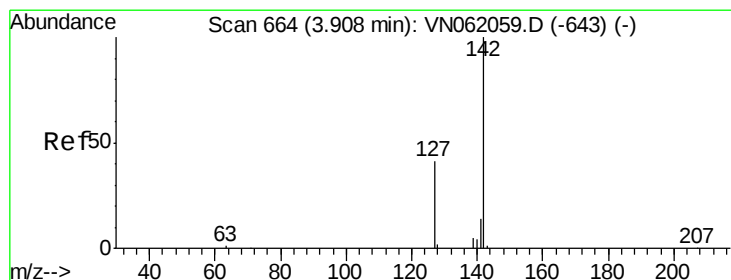
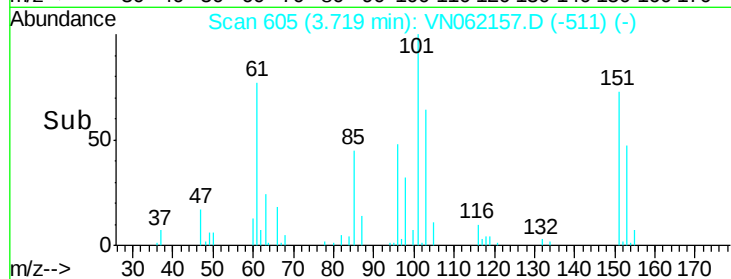
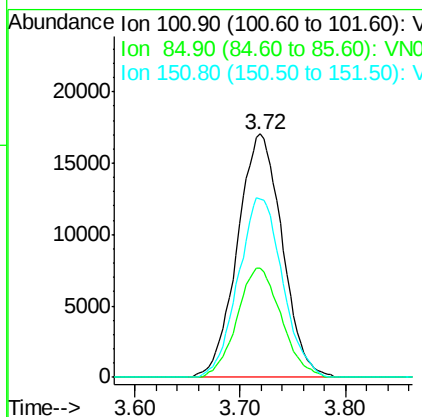
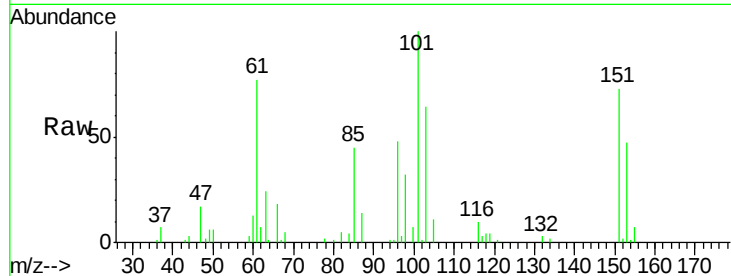
ClientSampleId :

VN0626WBS02

Tot Ion:	101	Resp:	50218
Ion Ratio	Lower	Upper	
101	100		
85	44.2	34.5	51.7
151	73.2	57.8	86.8

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#10

Methyl Iodide

Concen: 19.244 ug/l

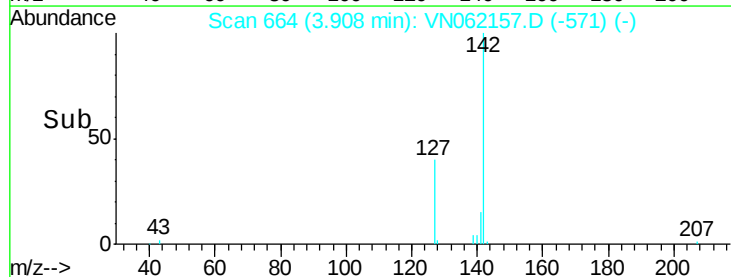
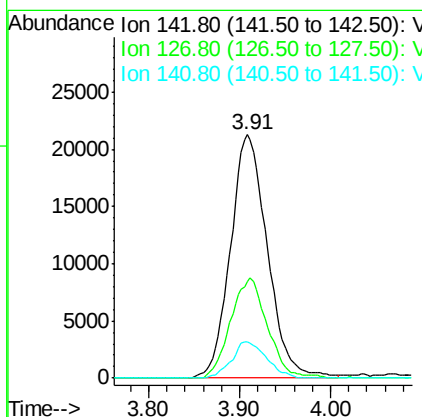
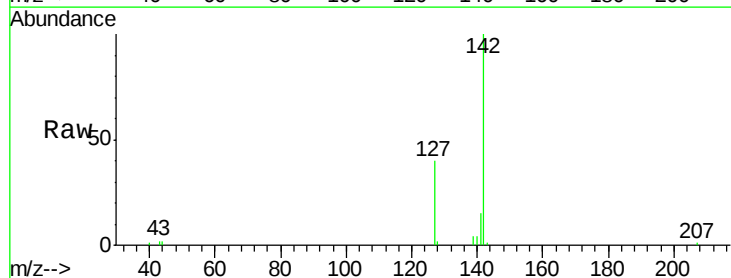
RT: 3.91 min Scan# 664

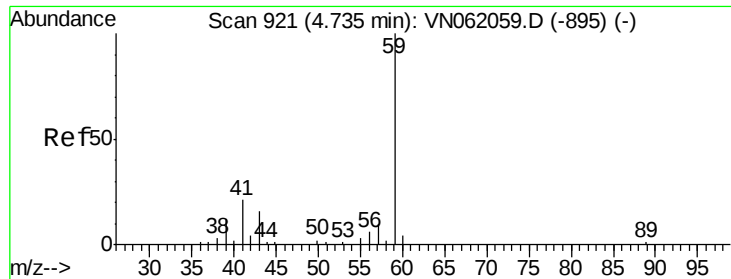
Delta R.T. -0.00 min

Lab File: VN062157.D

Acq: 26 Jun 2020 23:03

Tgt Ion:	142	Resp:	60055
Ion Ratio	Lower	Upper	
142	100		
127	40.9	33.6	50.4
141	14.1	11.3	16.9





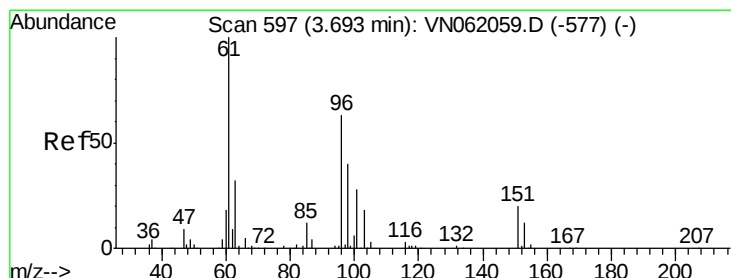
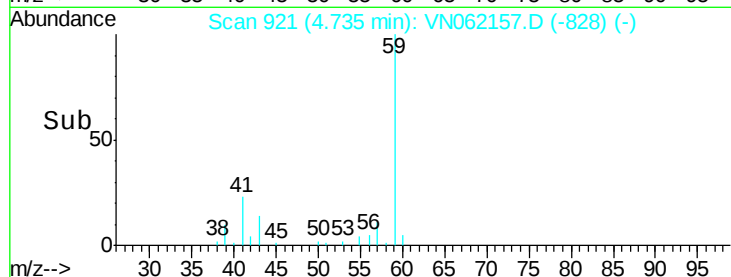
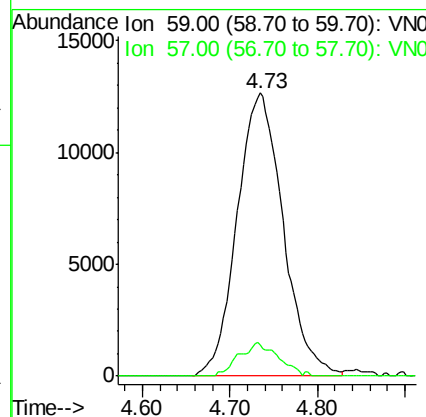
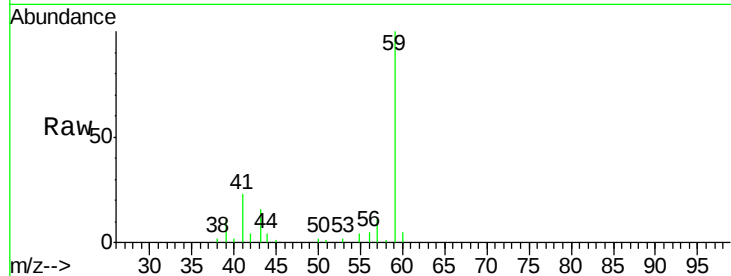
#11
Tert butyl alcohol
Concen: 94.983 ug/l
RT: 4.73 min Scan# 921
Delta R.T. -0.00 min
Lab File: VN062157.D
Acq: 26 Jun 2020 23:03

Instrument :
MSVOA_N
ClientSampleId :
VN0626WBS02

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.0	8.3	12.5

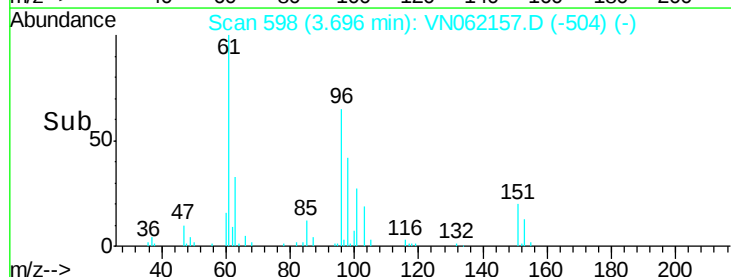
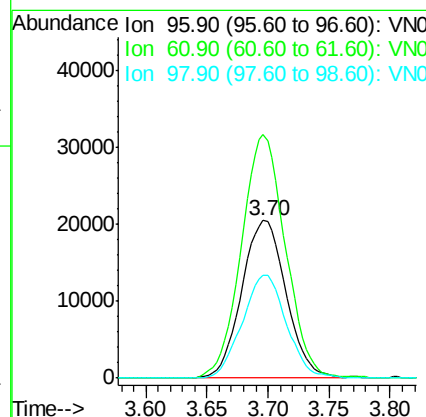
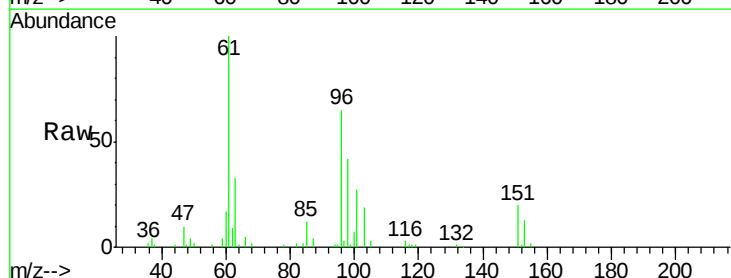
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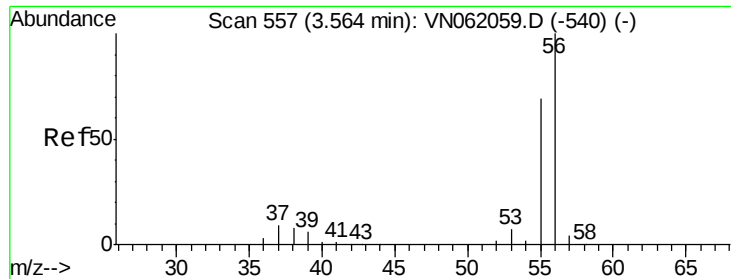
MMDadoda
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#12
1,1-Dichloroethene
Concen: 18.606 ug/l
RT: 3.70 min Scan# 598
Delta R.T. 0.00 min
Lab File: VN062157.D
Acq: 26 Jun 2020 23:03

Tgt Ion	Ratio	Lower	Upper
96	100		
61	154.5	126.7	190.1
98	65.6	51.0	76.4





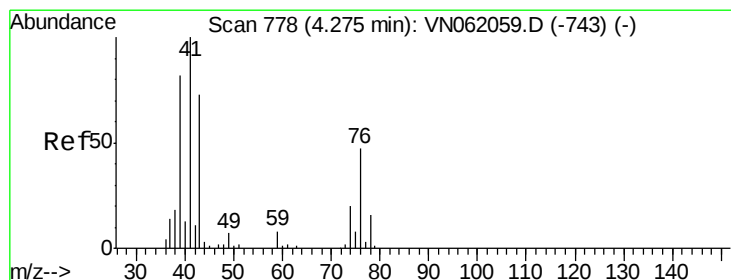
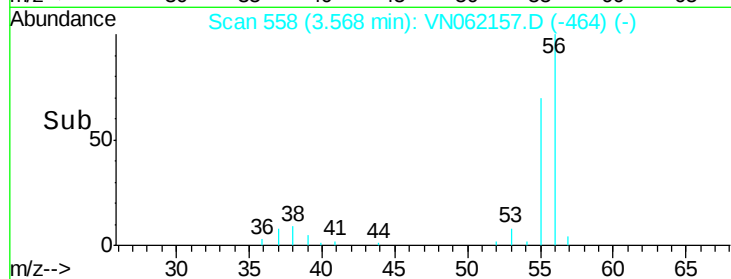
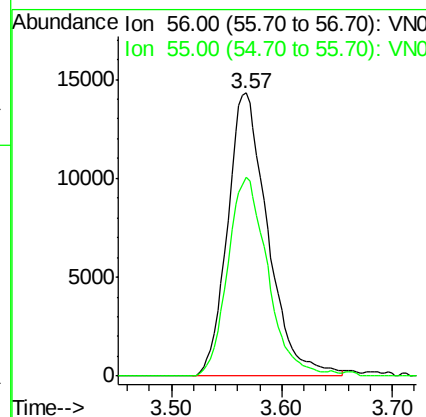
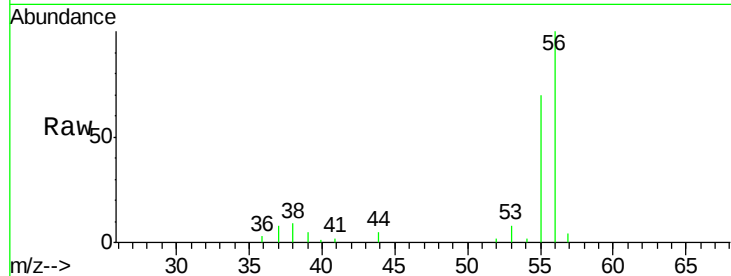
#13
Acrolein
Concen: 76.207 ug/l
RT: 3.57 min Scan# 558
Delta R.T. 0.00 min
Lab File: VN062157.D
Acq: 26 Jun 2020 23:03

Instrument :
MSVOA_N
ClientSampleId :
VN0626WBS02

Tot Ion	Ratio	Lower	Upper
56	100		
55	69.4	55.5	83.3

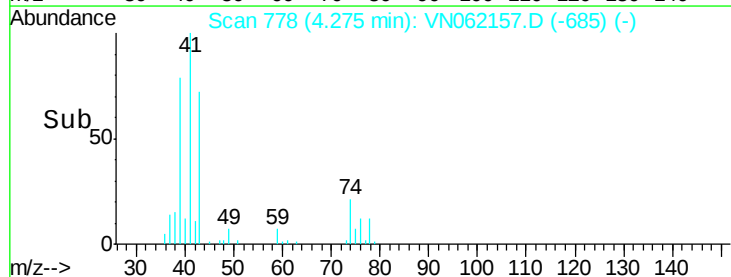
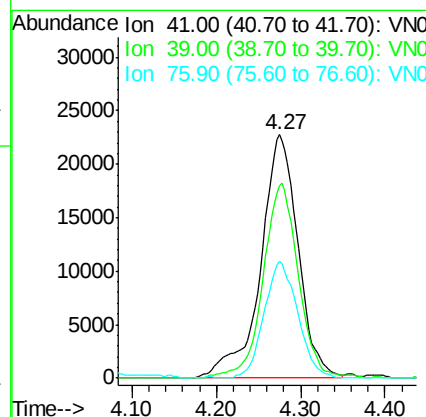
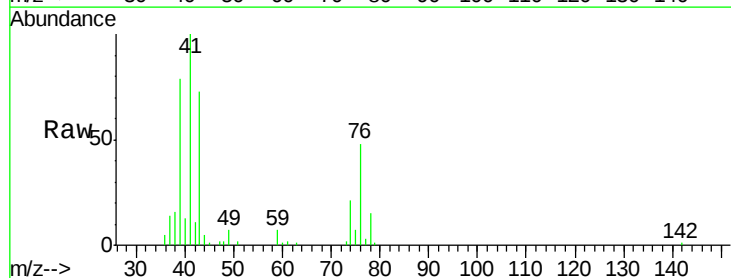
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#14
Allyl chloride
Concen: 18.614 ug/l
RT: 4.27 min Scan# 778
Delta R.T. -0.00 min
Lab File: VN062157.D
Acq: 26 Jun 2020 23:03

Tgt Ion	Ratio	Lower	Upper
41	100		
39	74.8	60.0	90.0
76	43.1	34.1	51.1





#15

Acrylonitrile

Concen: 93.636 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN062157.D

Acq: 26 Jun 2020 23:03

Instrument :

MSVOA_N

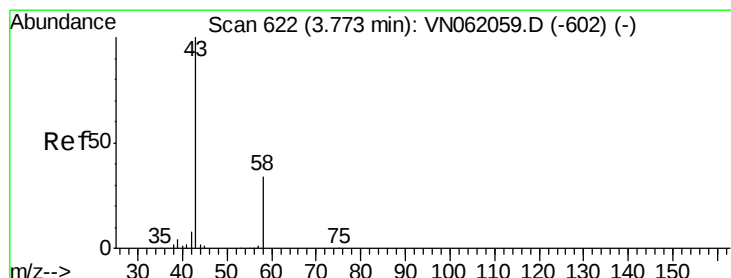
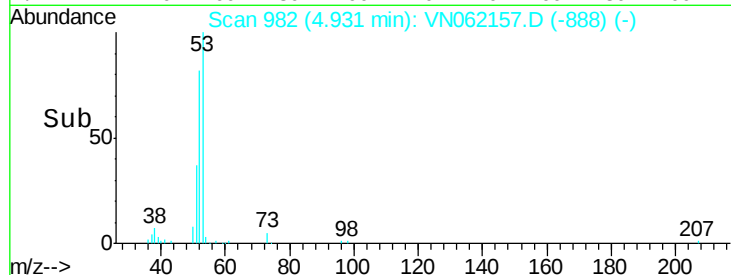
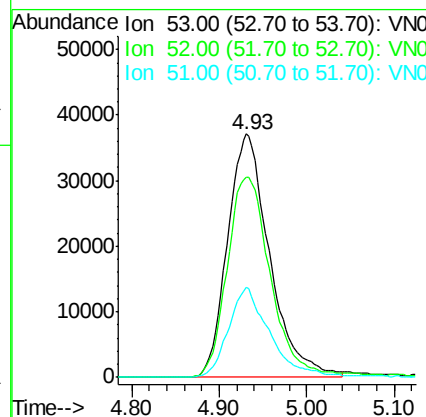
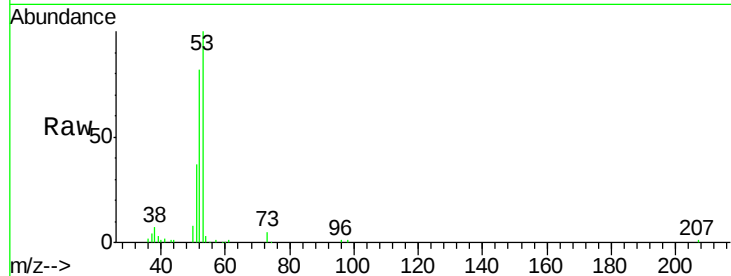
ClientSampleId :

VN0626WBS02

Tot Ion:	53	Resp:	124028
Ion	Ratio	Lower	Upper
53	100		
52	84.1	66.2	99.4
51	36.1	28.9	43.3

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#16

Acetone

Concen: 88.490 ug/l

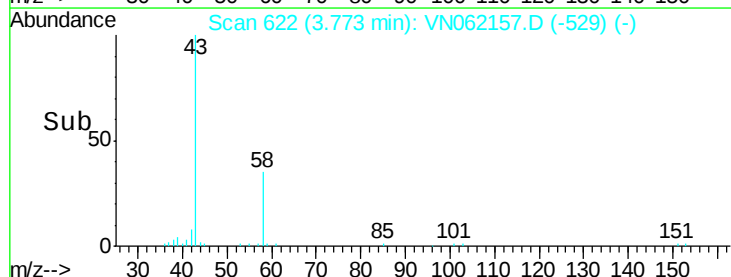
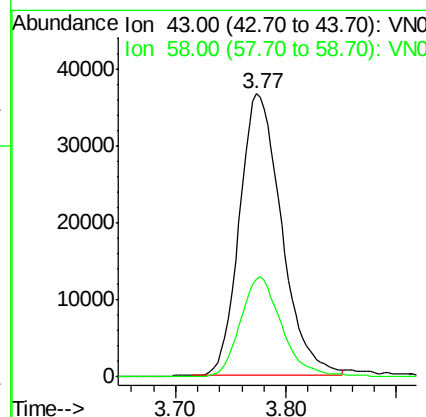
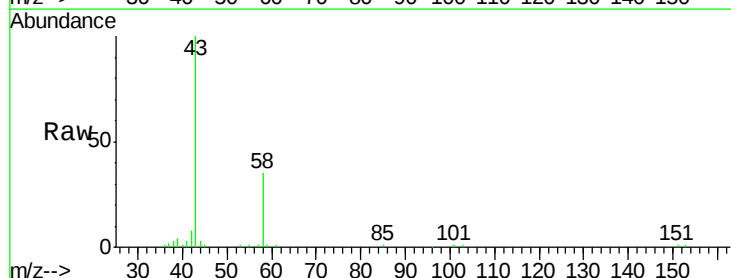
RT: 3.77 min Scan# 622

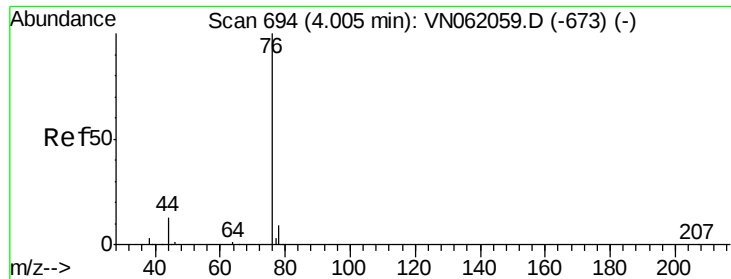
Delta R.T. 0.00 min

Lab File: VN062157.D

Acq: 26 Jun 2020 23:03

Tgt Ion:	43	Resp:	96815
Ion	Ratio	Lower	Upper
43	100		
58	34.8	27.5	41.3





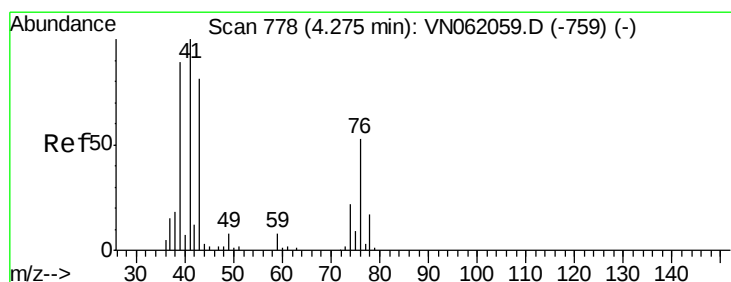
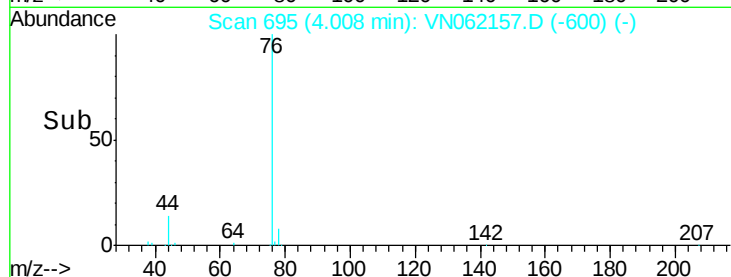
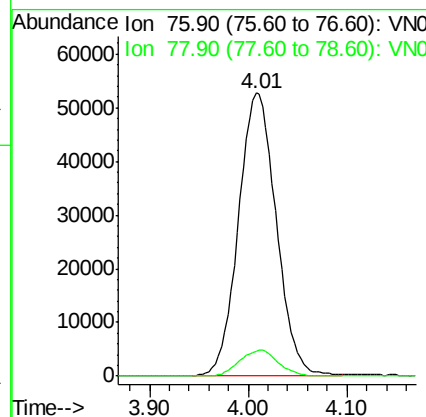
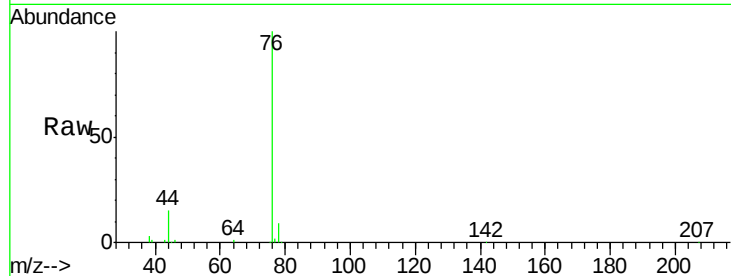
#17
Carbon Disulfide
Concen: 17.694 ug/l
RT: 4.01 min Scan# 695
Delta R.T. 0.00 min
Lab File: VN062157.D
Acq: 26 Jun 2020 23:03

Instrument :
MSVOA_N
ClientSampleId :
VN0626WBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.2	10.8

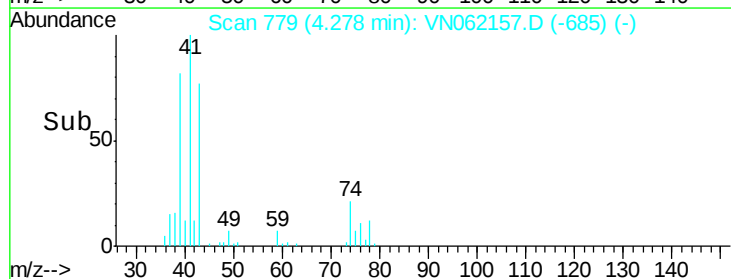
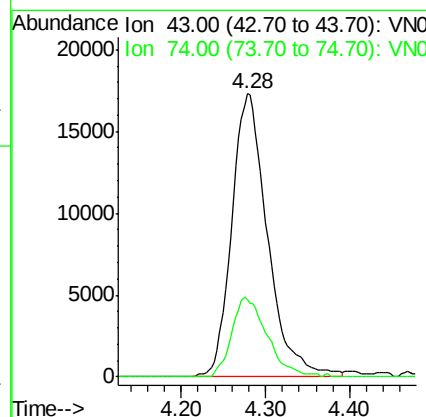
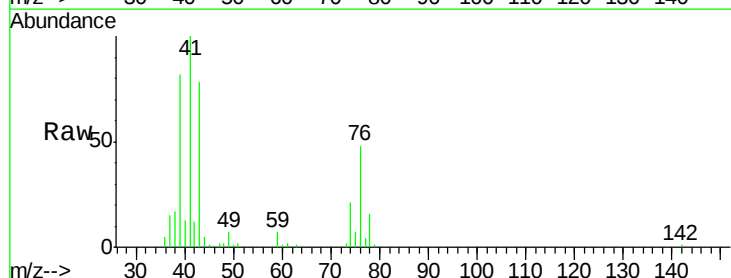
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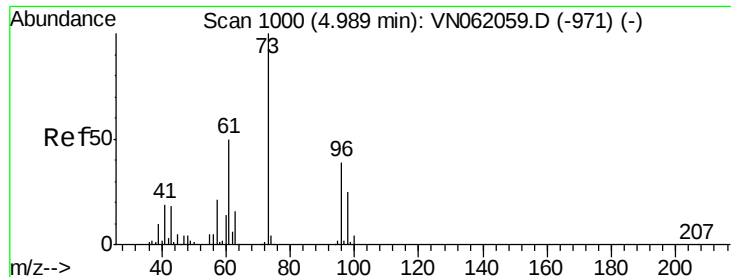
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#18
Methyl Acetate
Concen: 18.957 ug/l
RT: 4.28 min Scan# 779
Delta R.T. 0.00 min
Lab File: VN062157.D
Acq: 26 Jun 2020 23:03

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.6	22.9	34.3





#19

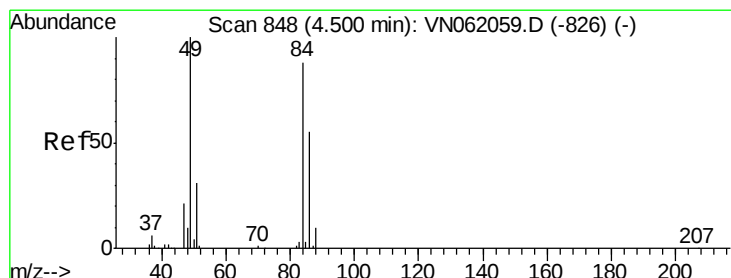
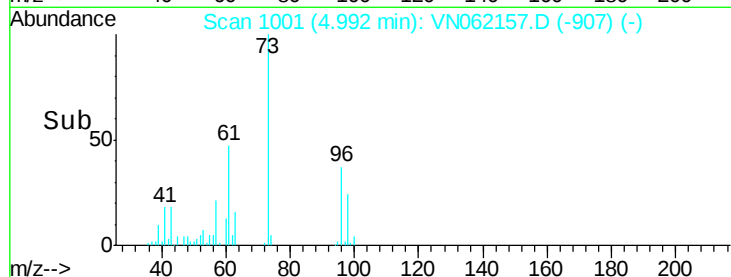
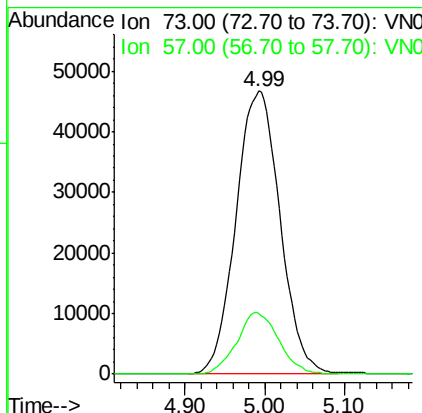
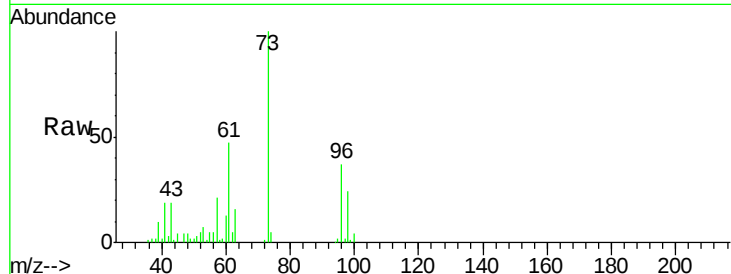
Methyl tert-butyl Ether
 Concen: 19.809 ug/l
 RT: 4.99 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VN062157.D
 Acq: 26 Jun 2020 23:03

Instrument :
 MSVOA_N
 ClientSampled :
 VN0626WBS02

Tot Ion	Ion	Ratio	Lower	Upper
73	73	100		
57	57	21.3	16.6	24.8

Manual Integrations
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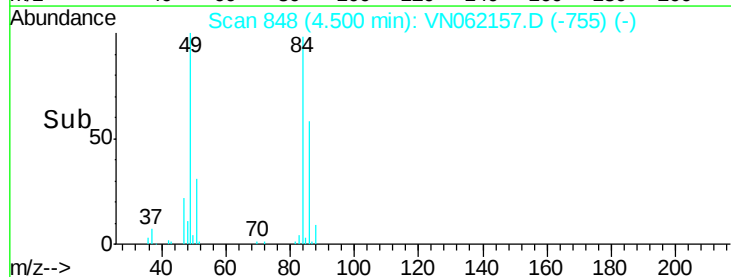
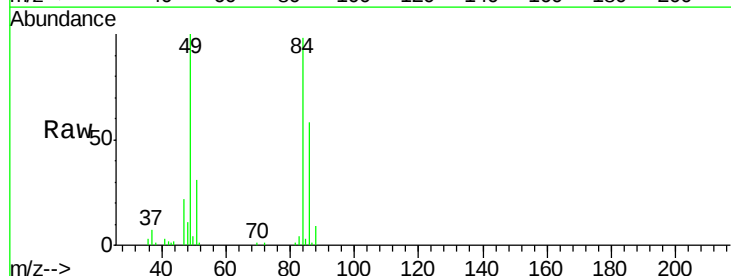
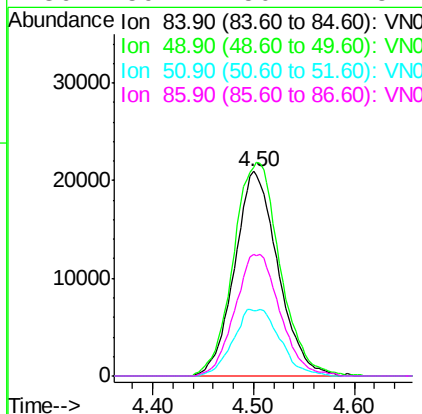
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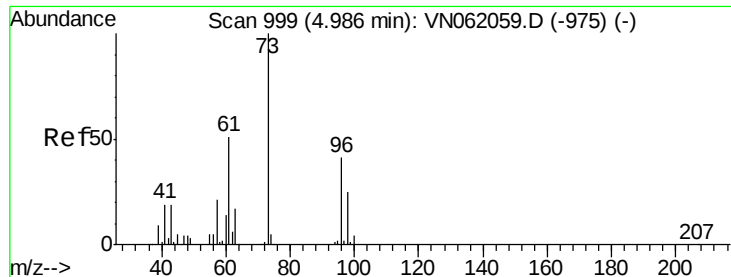


#20

Methylene Chloride
 Concen: 19.957 ug/l
 RT: 4.50 min Scan# 848
 Delta R.T. 0.00 min
 Lab File: VN062157.D
 Acq: 26 Jun 2020 23:03

Tgt Ion	Ion	Ratio	Lower	Upper
84	84	100		
49	49	102.2	90.6	136.0
51	51	31.9	27.8	41.8
86	86	59.1	50.1	75.1





#21

trans-1,2-Dichloroethene

Concen: 17.654 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN062157.D

Acq: 26 Jun 2020 23:03

Instrument :

MSVOA_N

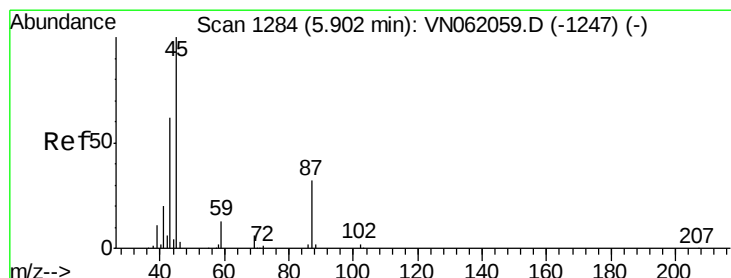
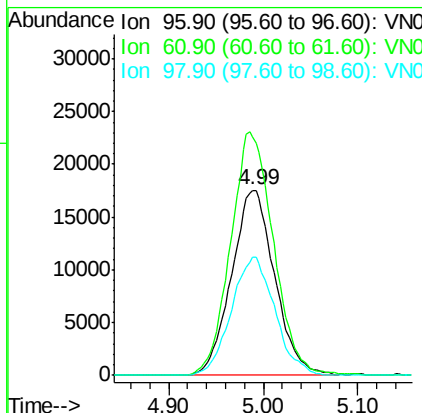
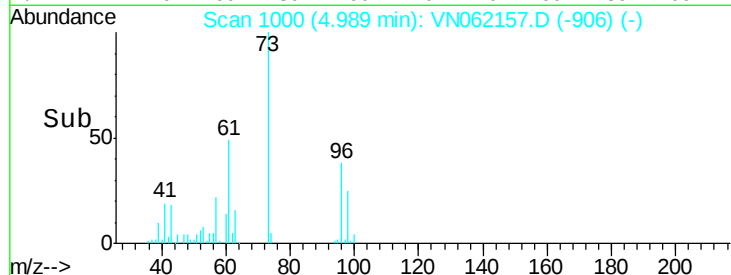
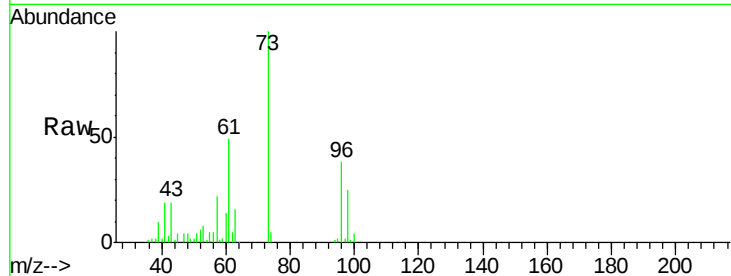
ClientSampleId :

VN0626WBS02

Tot Ion:	96	Resp:	55711
Ion	Ratio	Lower	Upper
96	100		
61	129.0	101.4	152.2
98	64.2	49.3	73.9

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#22

Diisopropyl ether

Concen: 18.841 ug/l

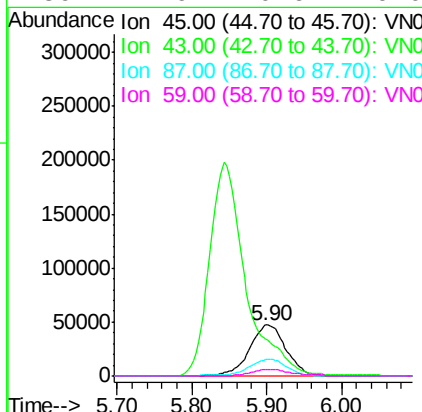
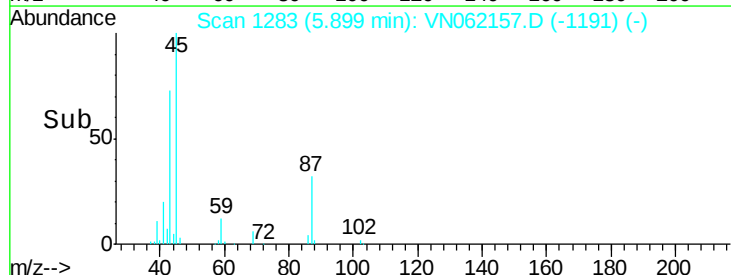
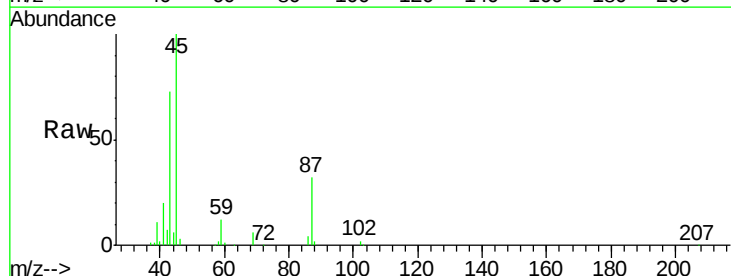
RT: 5.90 min Scan# 1283

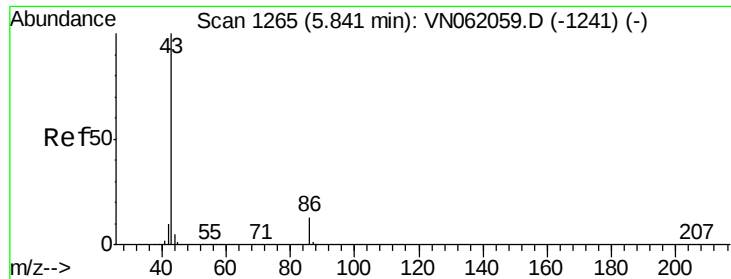
Delta R.T. -0.00 min

Lab File: VN062157.D

Acq: 26 Jun 2020 23:03

Tgt Ion:	45	Resp:	161791
Ion	Ratio	Lower	Upper
45	100		
43	70.5	49.7	74.5
87	32.2	25.9	38.9
59	11.9	10.6	16.0





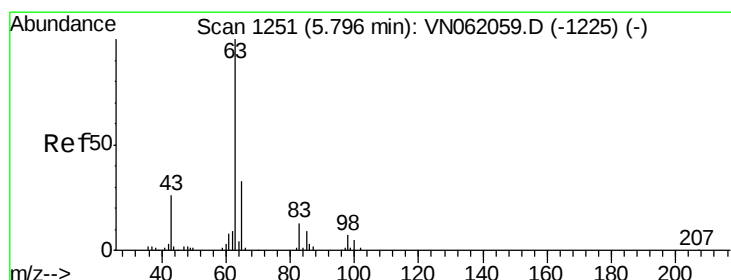
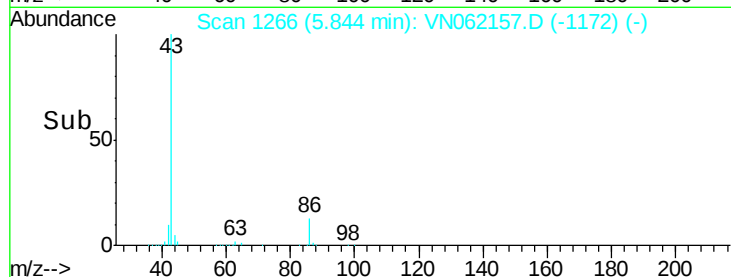
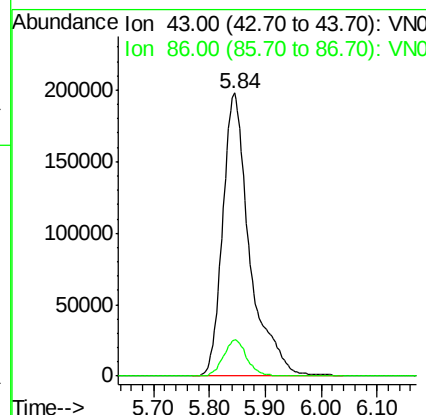
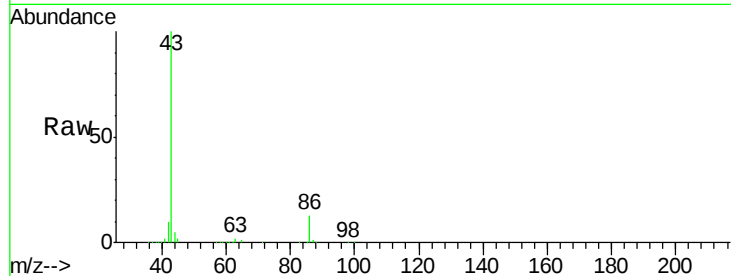
#23
 Vinyl Acetate
 Concen: 95.444 ug/l
 RT: 5.84 min Scan# 1266
 Delta R.T. 0.00 min
 Lab File: VN062157.D
 Acq: 26 Jun 2020 23:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0626WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
86	12.9	10.1	15.1

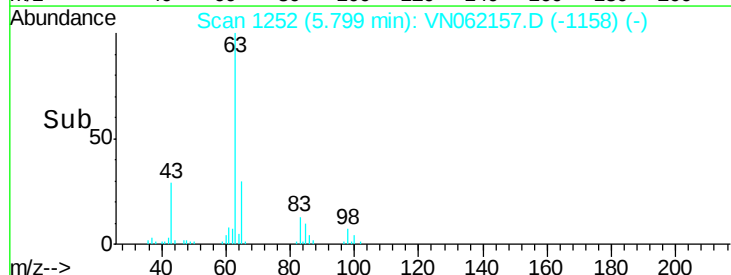
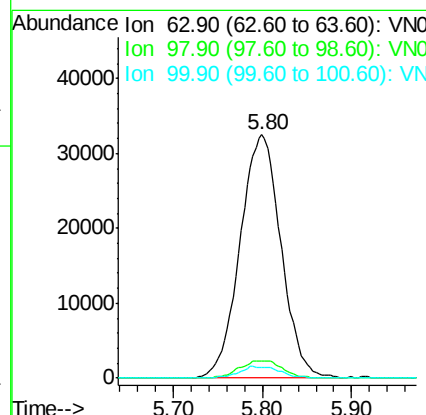
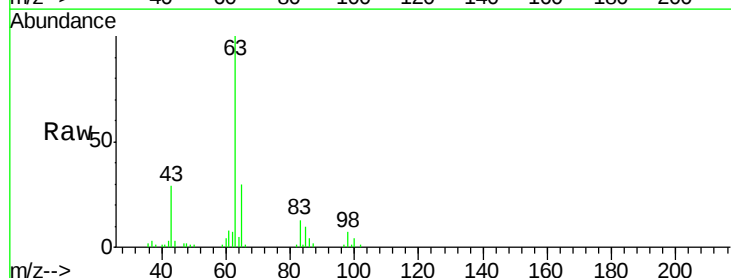
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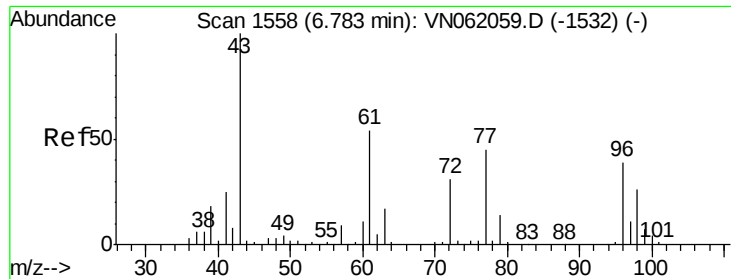
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#24
 1,1-Dichloroethane
 Concen: 18.718 ug/l
 RT: 5.80 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: VN062157.D
 Acq: 26 Jun 2020 23:03

Tgt Ion	Ratio	Lower	Upper
63	100		
98	7.1	3.6	10.9
100	4.5	2.4	7.1





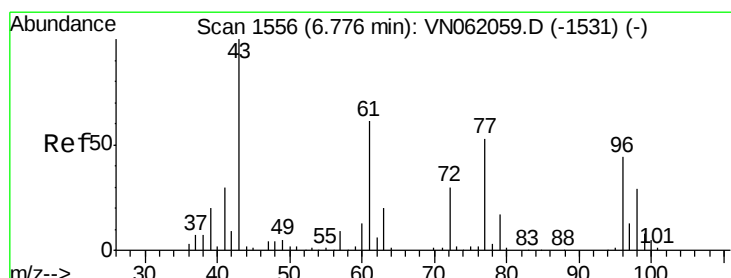
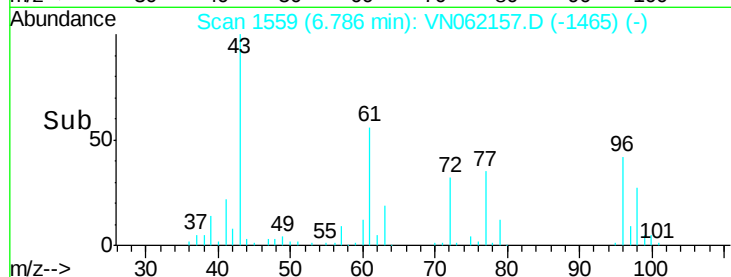
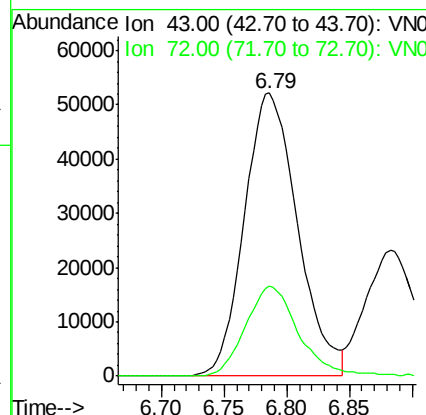
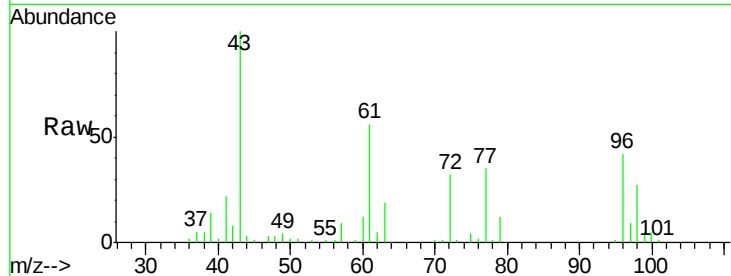
#25
2-Butanone
Concen: 92.299 ug/l
RT: 6.79 min Scan# 1559
Delta R.T. 0.00 min
Lab File: VN062157.D
Acq: 26 Jun 2020 23:03

Instrument :
MSVOA_N
ClientSampleId :
VN0626WBS02

Tot Ion: 43 Resp: 152734
Ion Ratio Lower Upper
43 100
72 31.7 24.8 37.2

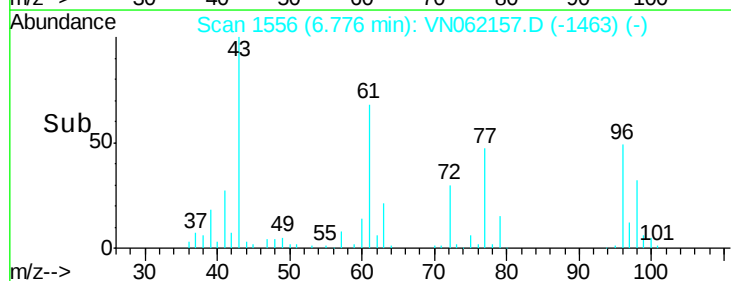
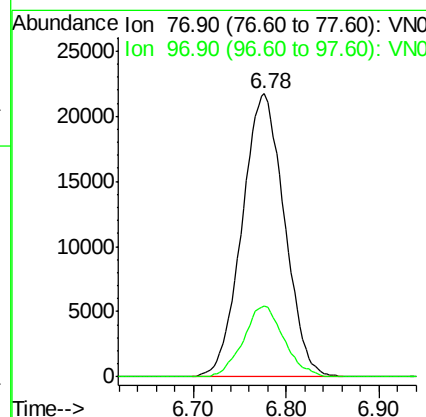
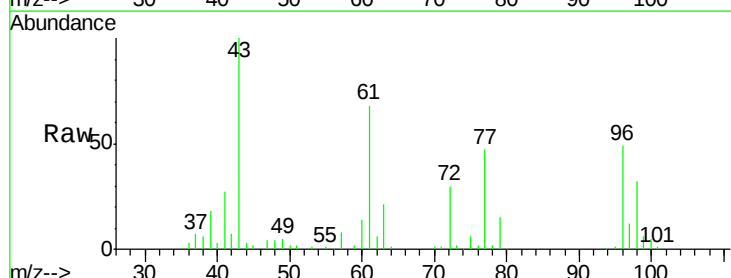
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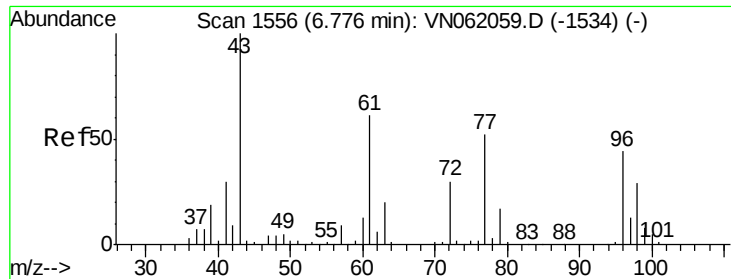
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#26
2,2-Dichloropropane
Concen: 14.956 ug/l
RT: 6.78 min Scan# 1556
Delta R.T. -0.00 min
Lab File: VN062157.D
Acq: 26 Jun 2020 23:03

Tgt Ion: 77 Resp: 68916
Ion Ratio Lower Upper
77 100
97 24.0 11.8 35.3





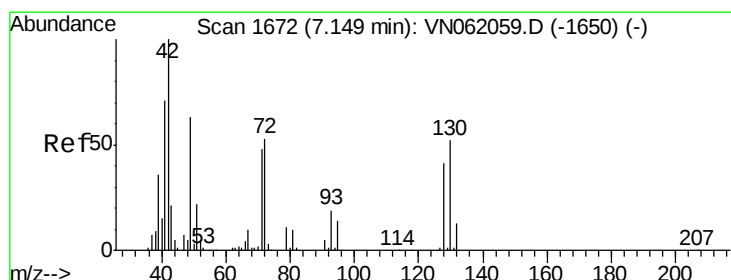
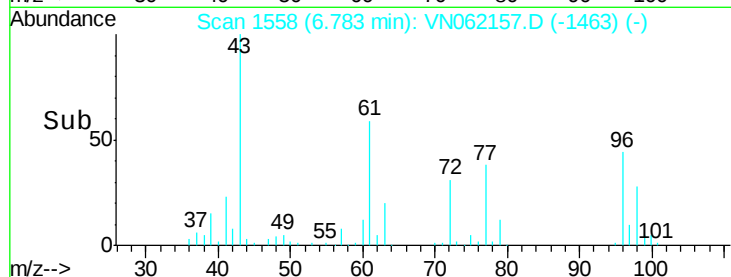
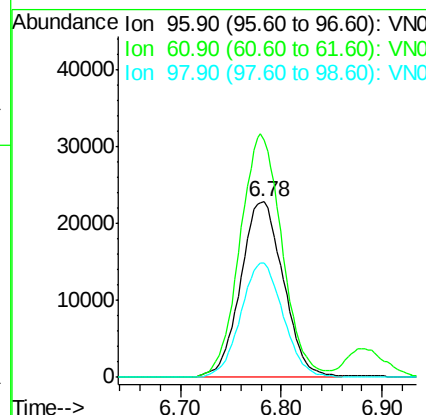
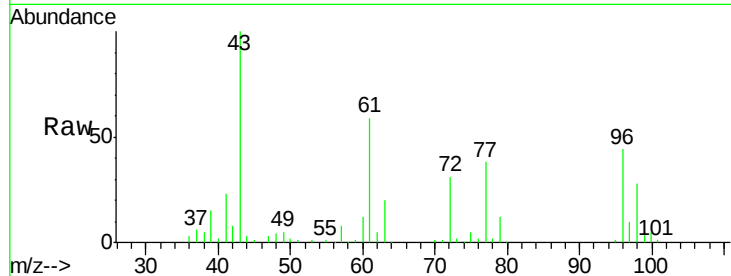
#27
 cis-1,2-Dichloroethene
 Concen: 18.987 ug/l
 RT: 6.78 min Scan# 1558
 Delta R.T. 0.01 min
 Lab File: VN062157.D
 Acq: 26 Jun 2020 23:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0626WBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	135.7	0.0	280.4
98	64.1	0.0	129.4

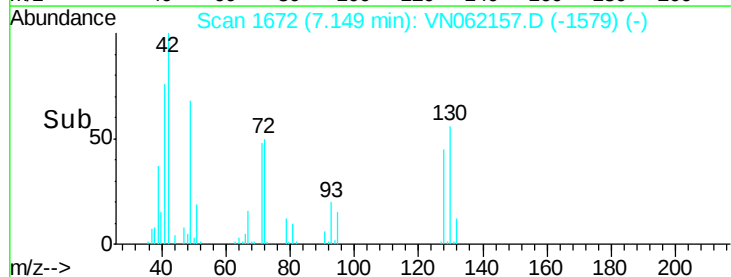
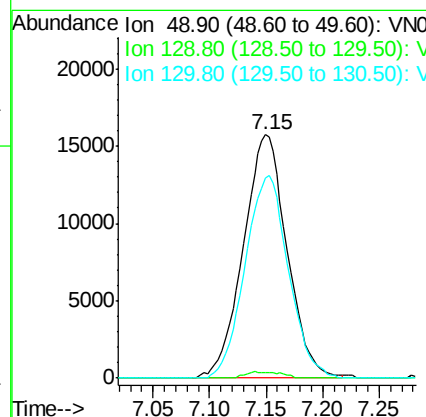
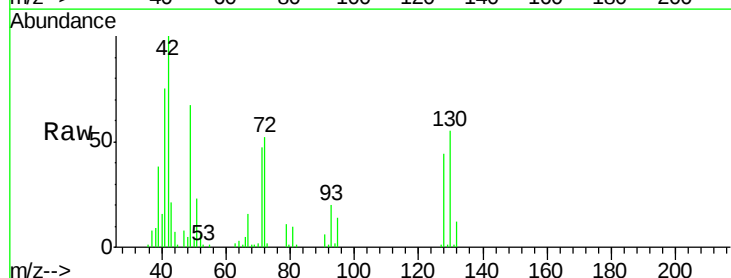
Manual Integrations
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 6/29/2020 12:35:52 PM



#28
 Bromochloromethane
 Concen: 17.594 ug/l
 RT: 7.15 min Scan# 1672
 Delta R.T. 0.00 min
 Lab File: VN062157.D
 Acq: 26 Jun 2020 23:03

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.4
130	82.5	65.5	98.3





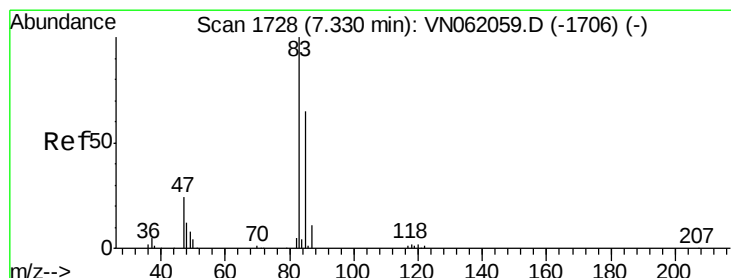
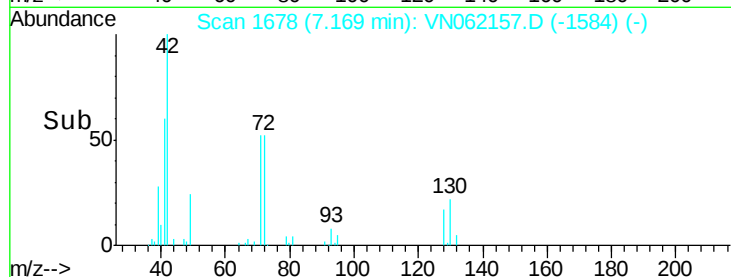
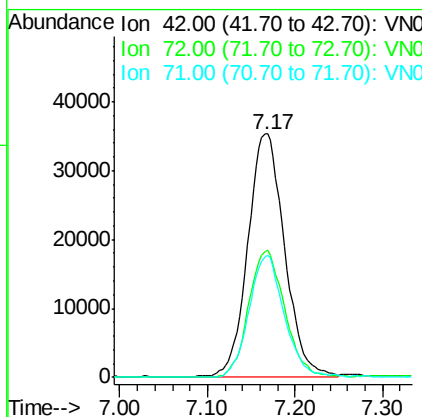
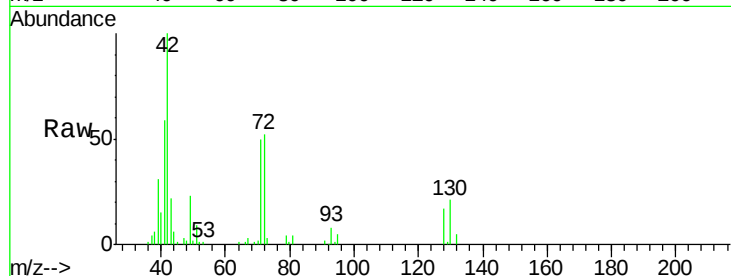
#29
Tetrahydrofuran
Concen: 95.500 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. 0.00 min
Lab File: VN062157.D
Acq: 26 Jun 2020 23:03

Instrument :
MSVOA_N
ClientSampleId :
VN0626WBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	51.1	41.1	61.7
71	47.8	38.2	57.4

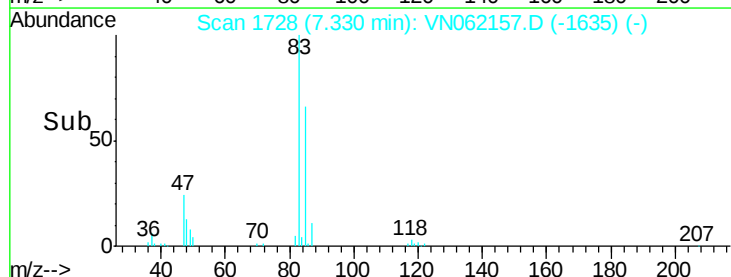
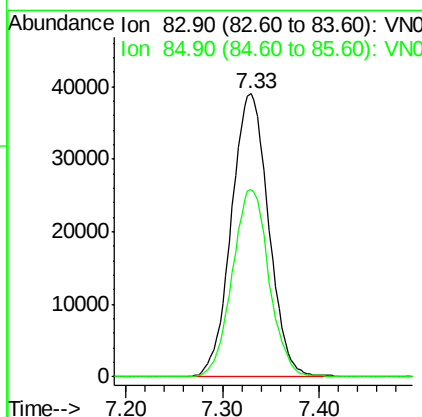
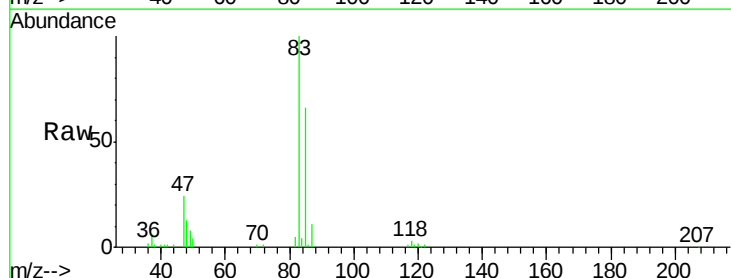
Manual Integrations
APPROVED

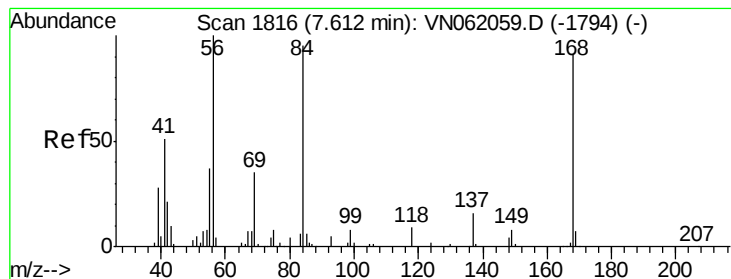
MMDadoda
6/29/2020 12:35:52 PM



#30
Chloroform
Concen: 18.516 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. -0.00 min
Lab File: VN062157.D
Acq: 26 Jun 2020 23:03

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.3	52.3	78.5





#31

Cyclohexane

Concen: 18.247 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VN062157.D

Acq: 26 Jun 2020 23:03

Instrument :

MSVOA_N

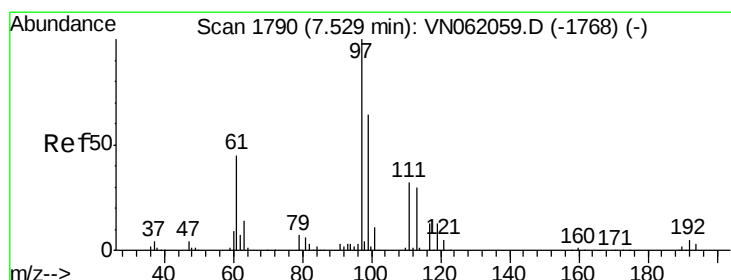
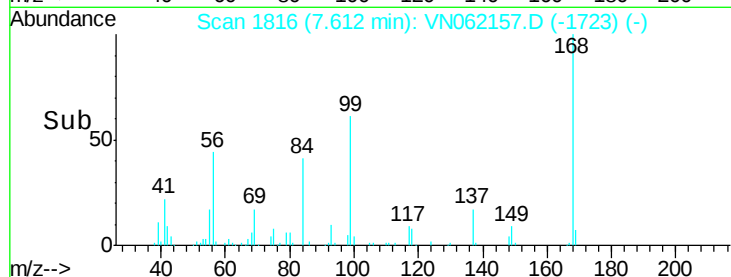
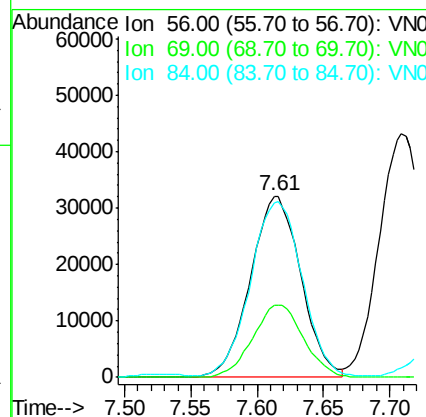
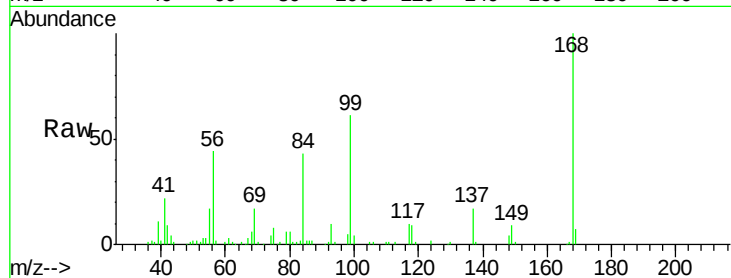
ClientSampleId :

VN0626WBS02

Tot Ion:	56	Resp:	85349
Ion	Ratio	Lower	Upper
56	100		
69	39.6	28.0	42.0
84	95.8	76.1	114.1

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#32

1,1,1-Trichloroethane

Concen: 18.975 ug/l

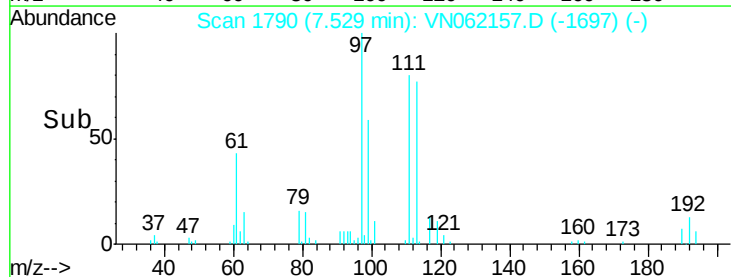
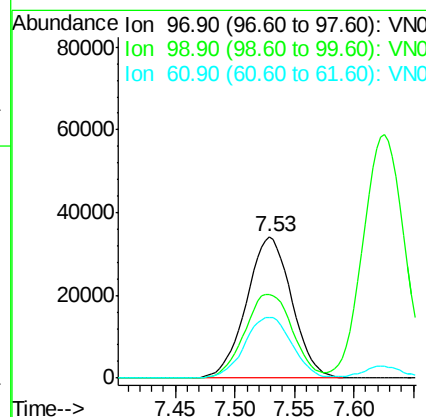
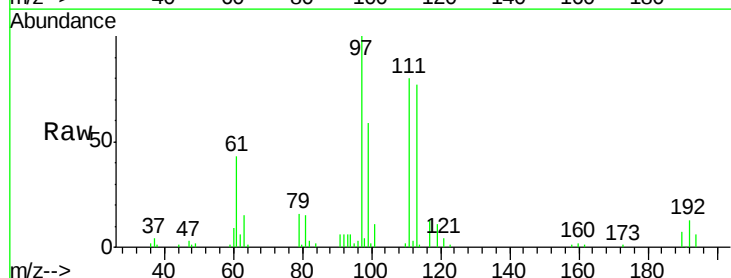
RT: 7.53 min Scan# 1790

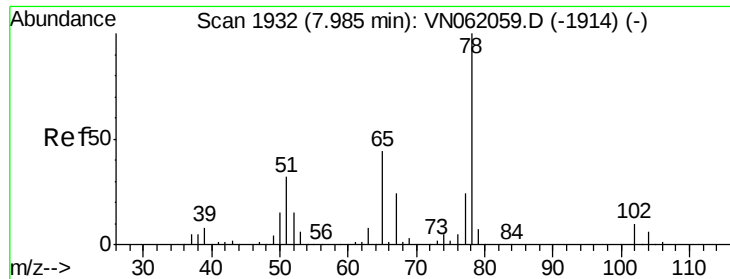
Delta R.T. -0.00 min

Lab File: VN062157.D

Acq: 26 Jun 2020 23:03

Tgt Ion:	97	Resp:	90026
Ion	Ratio	Lower	Upper
97	100		
99	62.9	51.0	76.4
61	44.9	36.2	54.2





#33

1,2-Dichloroethane-d4

Concen: 49.230 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN062157.D

Acq: 26 Jun 2020 23:03

Instrument :

MSVOA_N

ClientSampleId :

VN0626WBS02

Tot Ion: 65 Resp: 166667

Ion Ratio Lower Upper

65 100

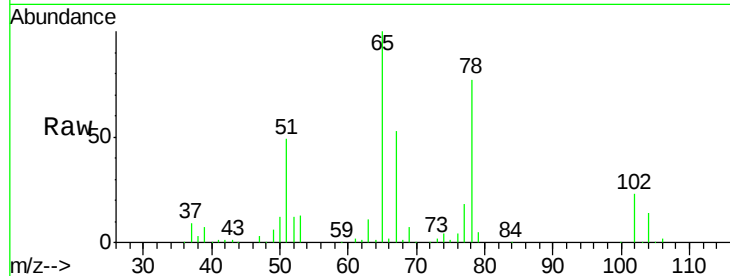
67 53.8 0.0 106.2

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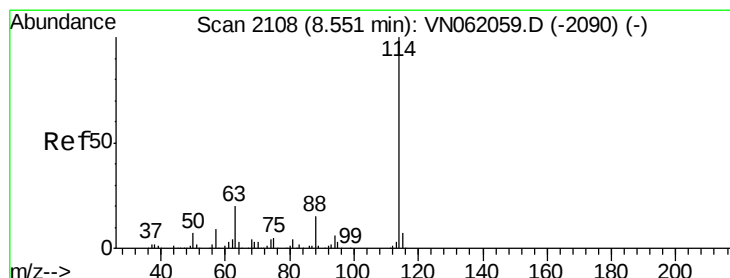
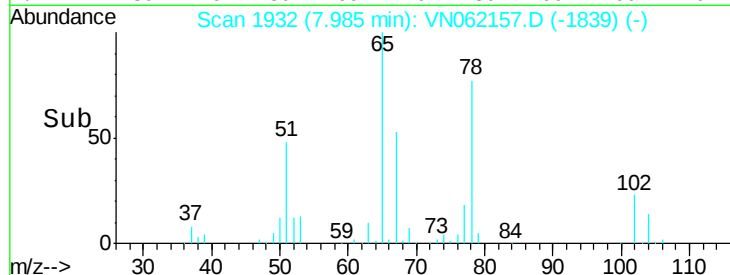
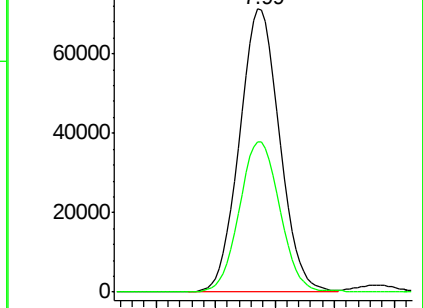
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Abundance Ion 64.90 (64.60 to 65.60): VN062157.D (-1839) (-)

Ion 66.90 (66.60 to 67.60): VN062157.D (-1839) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. -0.00 min

Lab File: VN062157.D

Acq: 26 Jun 2020 23:03

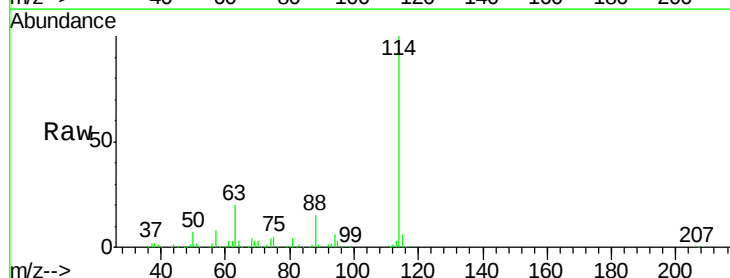
Tgt Ion: 114 Resp: 433835

Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.2

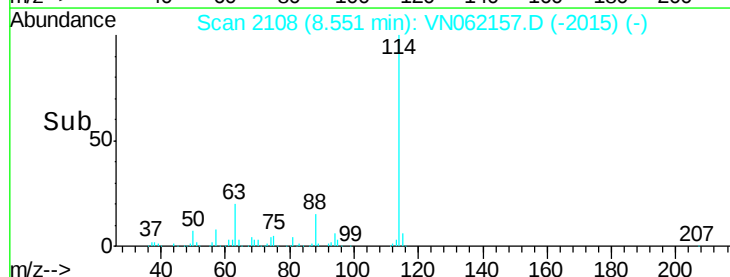
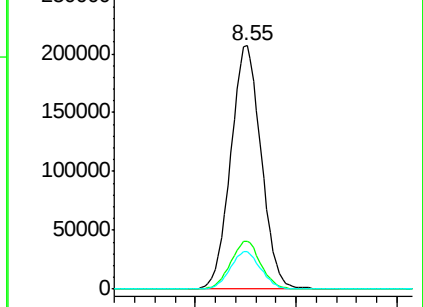
88 15.4 0.0 30.8

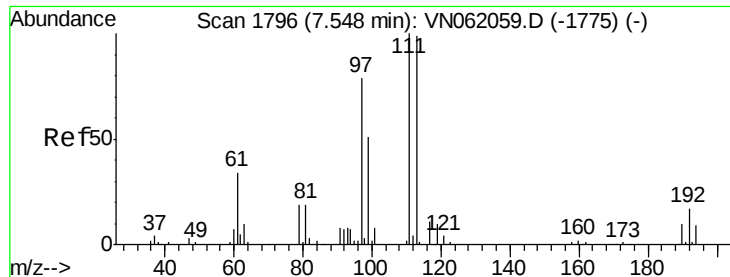


Abundance Ion 113.90 (113.60 to 114.60): VN062157.D (-2015) (-)

Ion 63.00 (62.70 to 63.70): VN062157.D (-2015) (-)

Ion 87.90 (87.60 to 88.60): VN062157.D (-2015) (-)





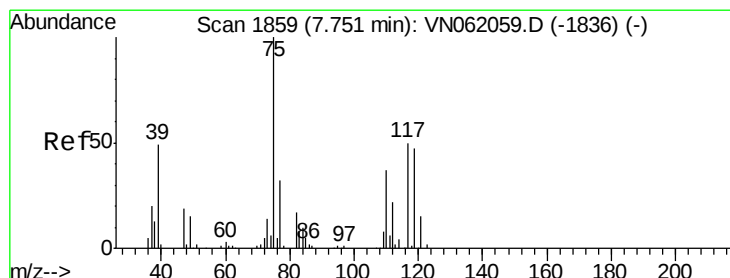
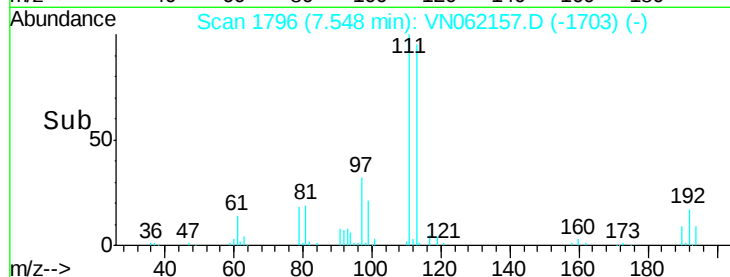
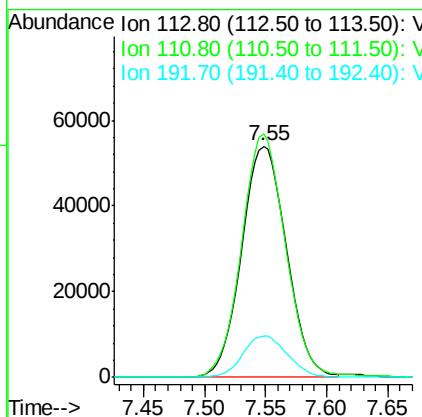
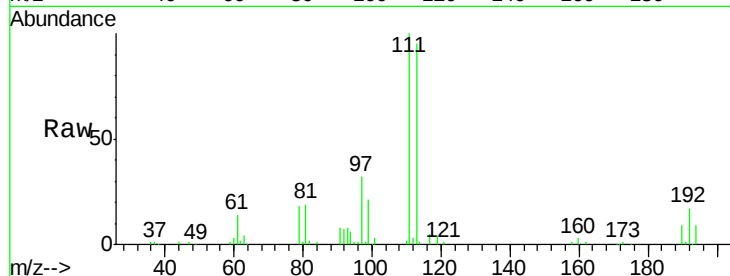
#35
 Dibromofluoromethane
 Concen: 49.388 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062157.D
 Acq: 26 Jun 2020 23:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0626WBS02

Tot Ion	Ratio	Resp	Lower	Upper
113	100	137460		
111	103.4	82.2	123.4	
192	17.7	14.0	21.0	

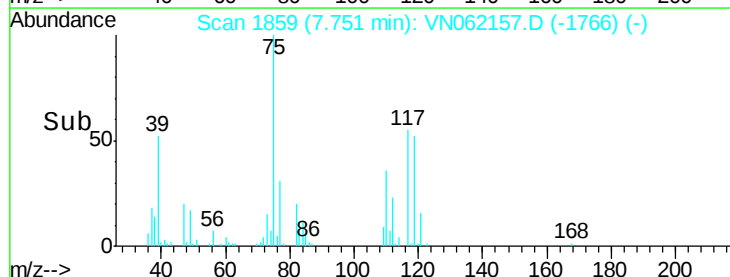
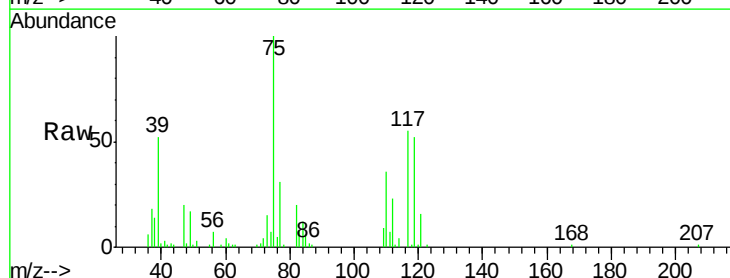
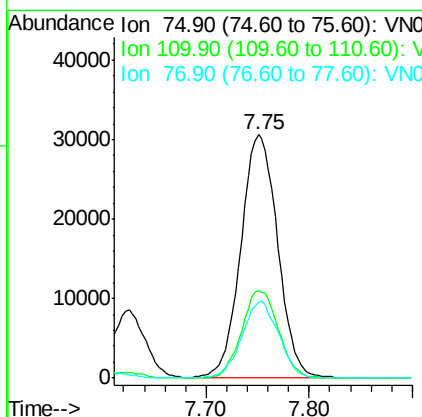
Manual Integrations
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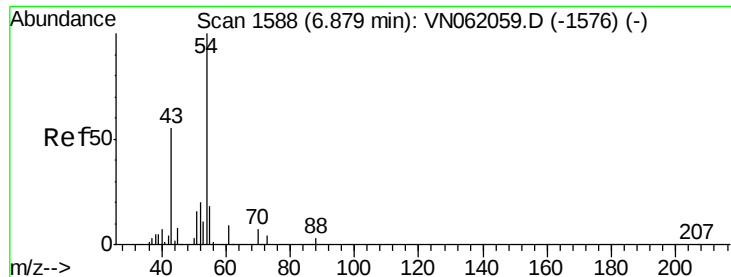
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#36
 1,1-Dichloropropene
 Concen: 17.441 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN062157.D
 Acq: 26 Jun 2020 23:03

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	76055		
110	35.8	17.9	53.8	
77	31.4	24.9	37.3	





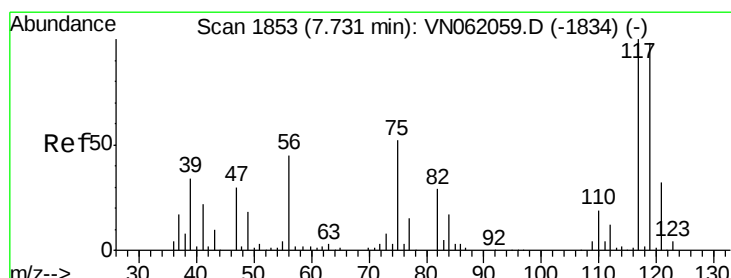
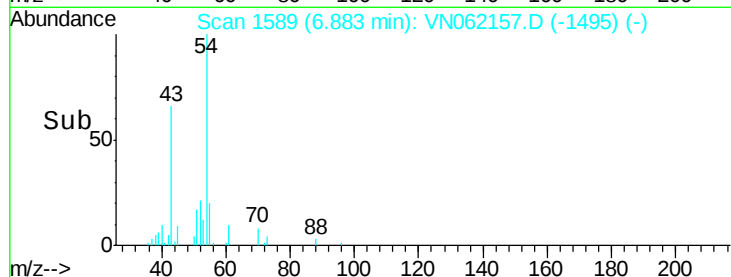
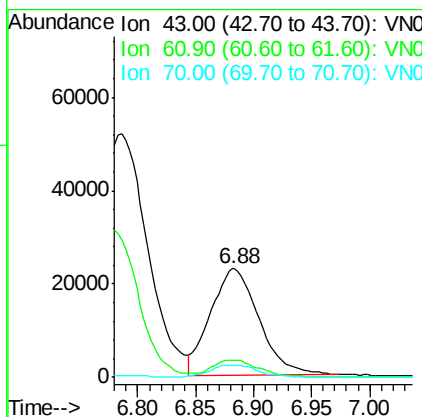
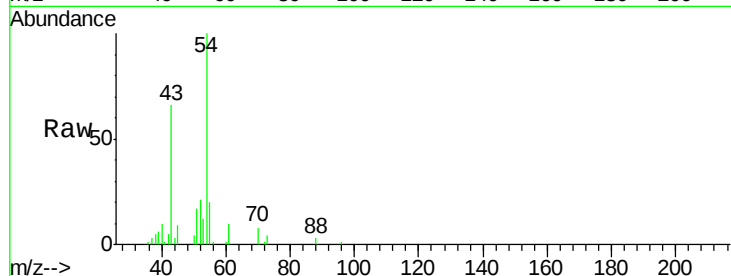
#37
Ethyl Acetate
Concen: 18.338 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. 0.00 min
Lab File: VN062157.D
Acq: 26 Jun 2020 23:03

Instrument :
MSVOA_N
ClientSampleId :
VN0626WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.1	12.0	18.0
70	11.9	9.6	14.4

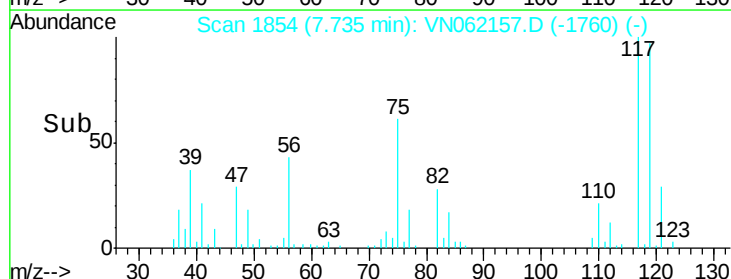
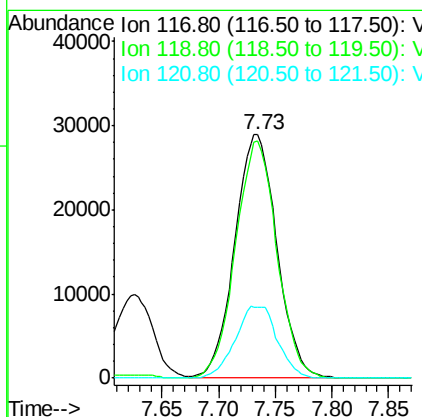
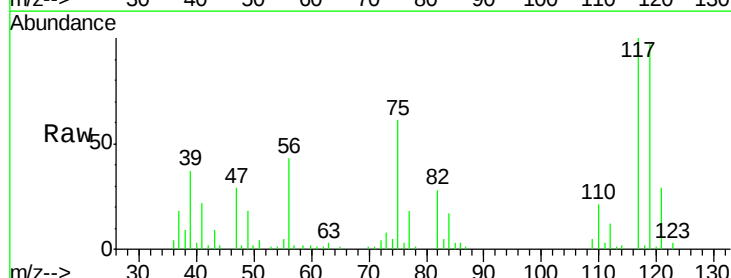
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#38
Carbon Tetrachloride
Concen: 18.239 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VN062157.D
Acq: 26 Jun 2020 23:03

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.2	78.2	117.2
121	28.9	25.8	38.6





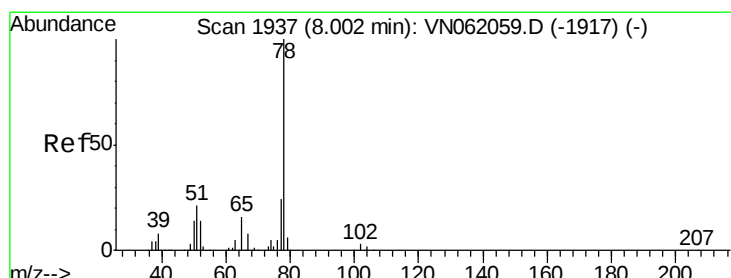
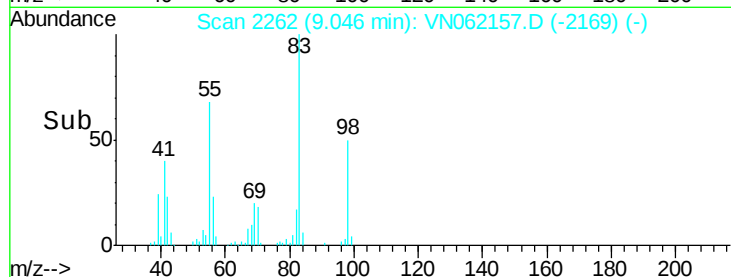
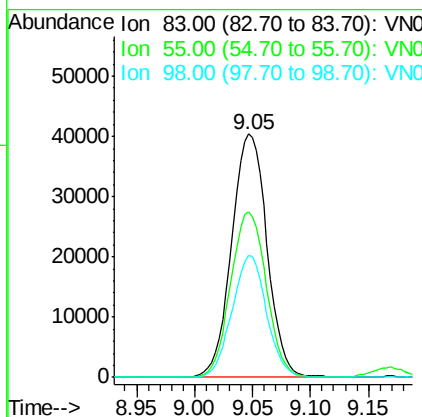
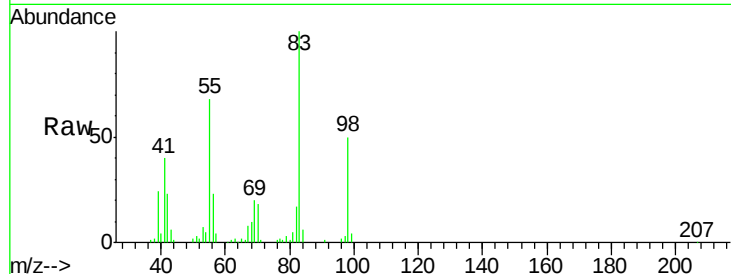
#39
Methvlcvclohexane
Concen: 17.930 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062157.D
Acq: 26 Jun 2020 23:03

Instrument :
MSVOA_N
ClientSampleId :
VN0626WBS02

Tot Ion	83	Resp	85667
Ion Ratio	100	Lower	Upper
83	100		
55	68.0	57.0	85.6
98	50.1	39.0	58.6

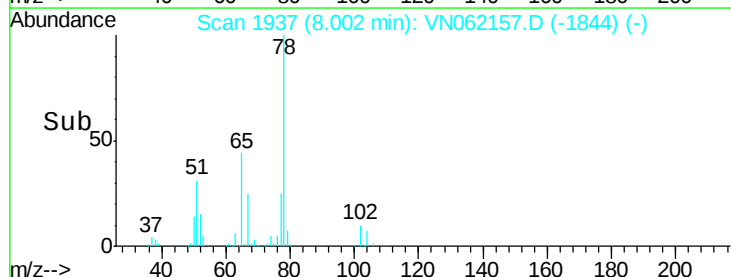
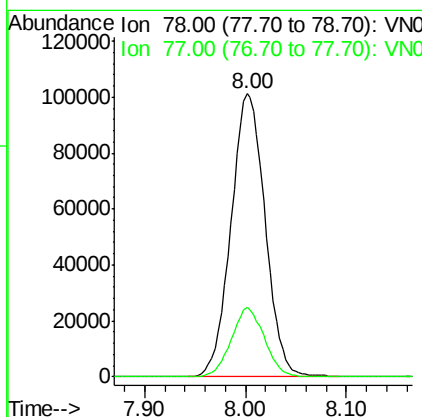
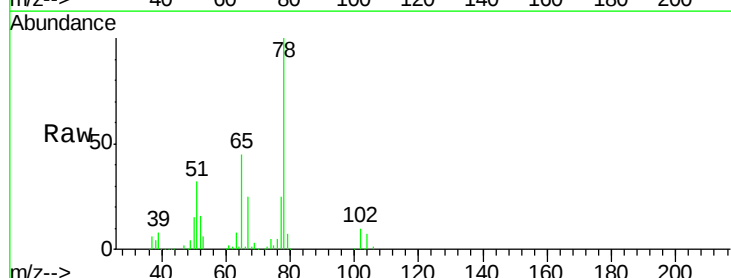
Manual Integrations
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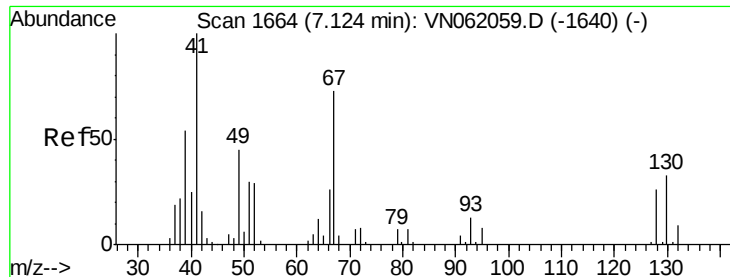
MMDadoda
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#40
Benzene
Concen: 17.898 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062157.D
Acq: 26 Jun 2020 23:03

Tgt Ion	78	Resp	237891
Ion Ratio	100	Lower	Upper
78	100		
77	24.7	19.5	29.3





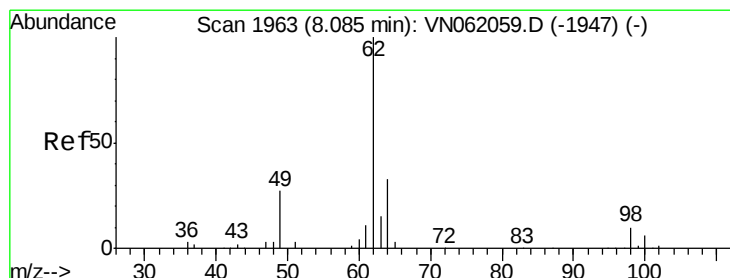
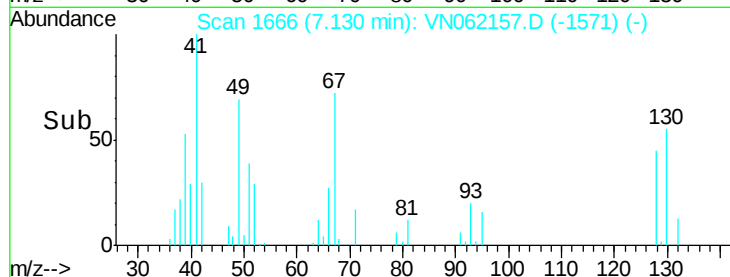
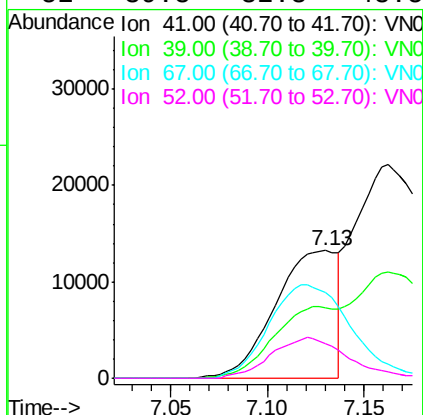
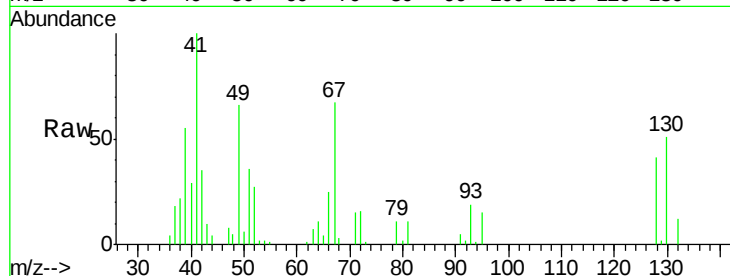
#41
Methacrylonitrile
Concen: 17.724 ug/l
RT: 7.13 min Scan# 1666
Delta R.T. 0.01 min
Lab File: VN062157.D
Acq: 26 Jun 2020 23:03

Instrument :
MSVOA_N
ClientSampleId :
VN0626WBS02

Tot Ion	41	Resp	29671
Ion Ratio	Lower	Upper	
41	100		
39	56.9	44.2	66.2
67	98.0	79.5	119.3
52	39.8	32.3	48.5

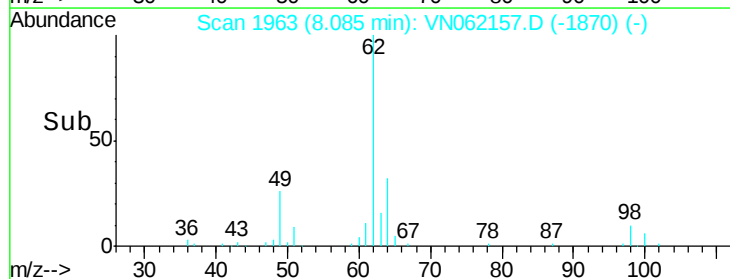
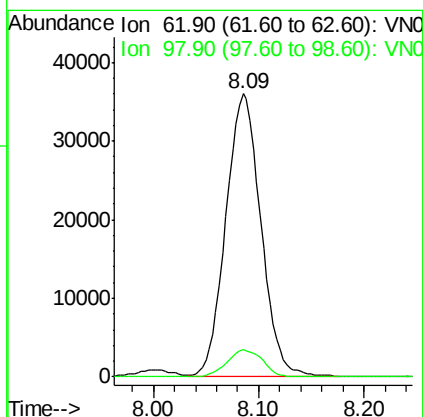
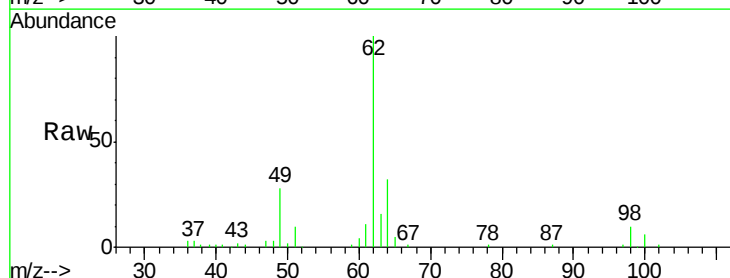
Manual Integrations
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#42
1,2-Dichloroethane
Concen: 18.540 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062157.D
Acq: 26 Jun 2020 23:03

Tgt Ion	62	Resp	83258
Ion Ratio	Lower	Upper	
62	100		
98	9.7	0.0	19.8





#43

Isopropyl Acetate

Concen: 18.745 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN062157.D

Acq: 26 Jun 2020 23:03

Instrument :

MSVOA_N

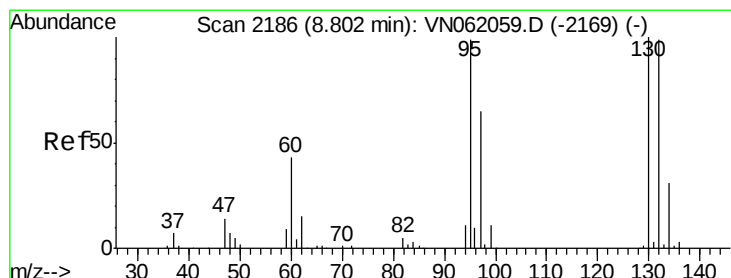
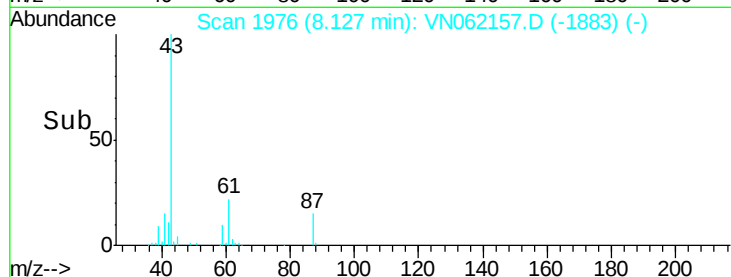
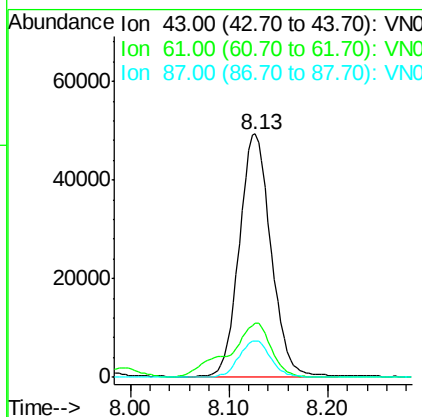
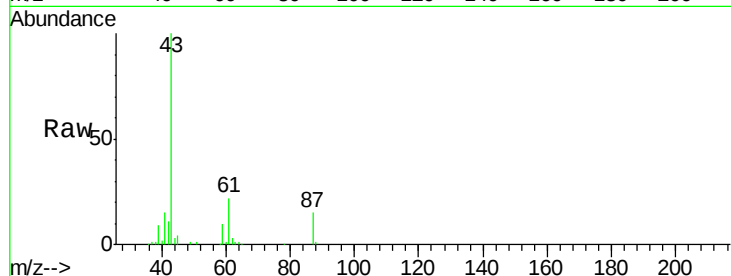
ClientSampleId :

VN0626WBS02

Tot Ion:	43	Resp:	110341
Ion Ratio		Lower	Upper
43	100		
61	29.9	17.2	25.8#
87	14.9	12.1	18.1

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#44

Trichloroethene

Concen: 18.530 ug/l

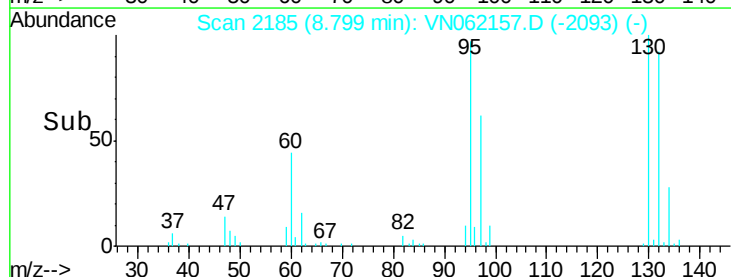
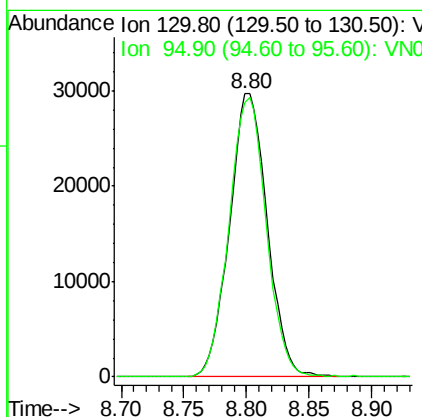
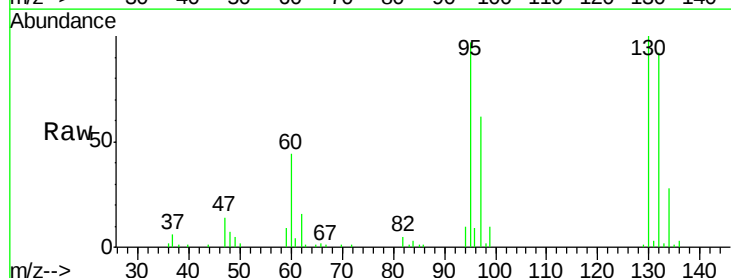
RT: 8.80 min Scan# 2185

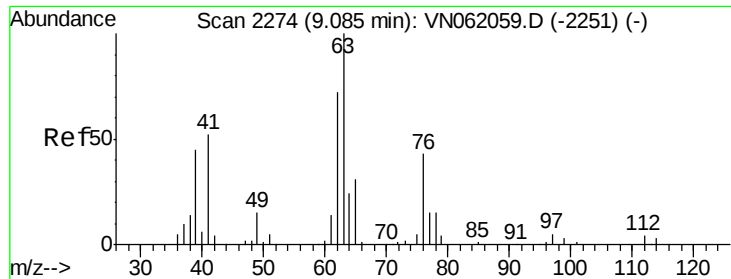
Delta R.T. -0.00 min

Lab File: VN062157.D

Acq: 26 Jun 2020 23:03

Tgt Ion:	130	Resp:	62126
Ion Ratio		Lower	Upper
130	100		
95	96.8	0.0	197.8





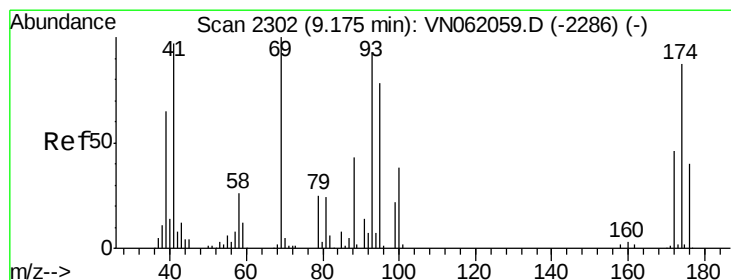
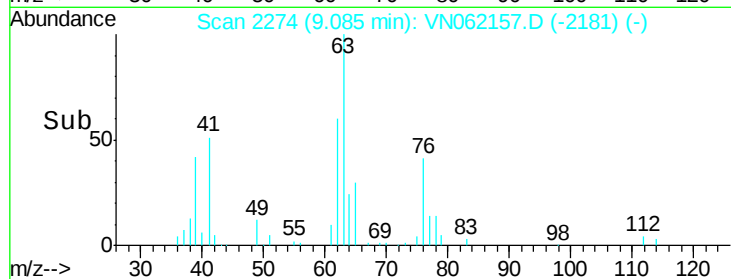
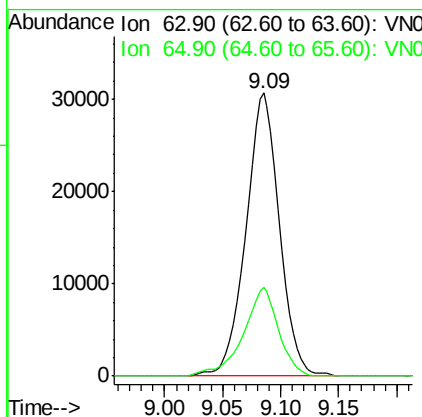
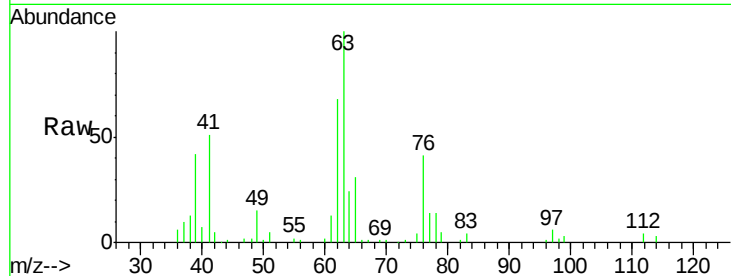
#45
 1,2-Dichloropropane
 Concen: 18.847 ug/l
 RT: 9.09 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN062157.D
 Acq: 26 Jun 2020 23:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0626WBS02

Tot Ion: 63 Resp: 61799
 Ion Ratio Lower Upper
 63 100
 65 31.5 25.0 37.4

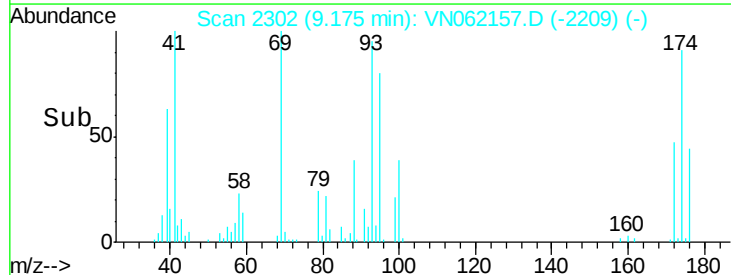
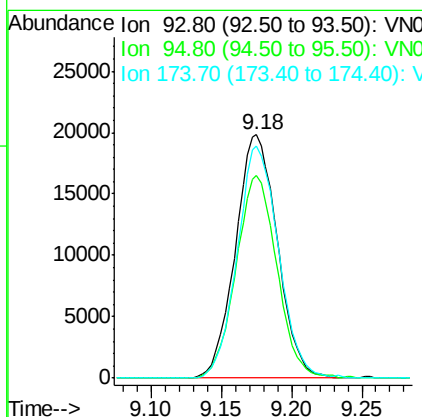
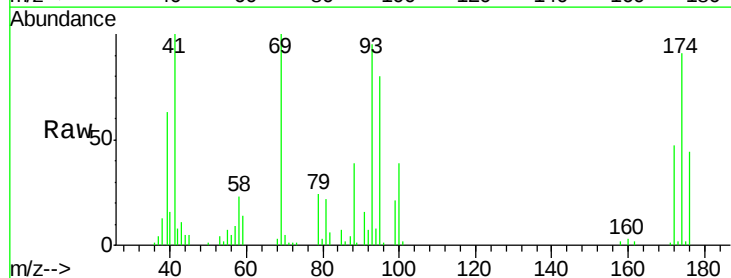
Manual Integrations
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#46
 Dibromomethane
 Concen: 18.532 ug/l
 RT: 9.18 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN062157.D
 Acq: 26 Jun 2020 23:03

Tgt Ion: 93 Resp: 41199
 Ion Ratio Lower Upper
 93 100
 95 81.2 67.0 100.6
 174 93.8 74.4 111.6





#47

Bromodichloromethane

Concen: 18.293 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN062157.D

Acq: 26 Jun 2020 23:03

Instrument :

MSVOA_N

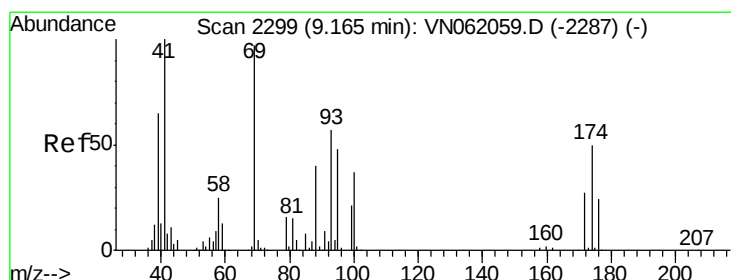
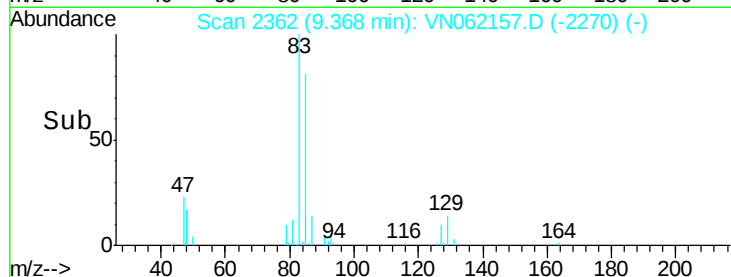
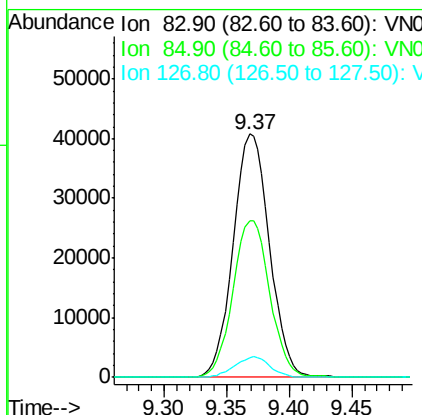
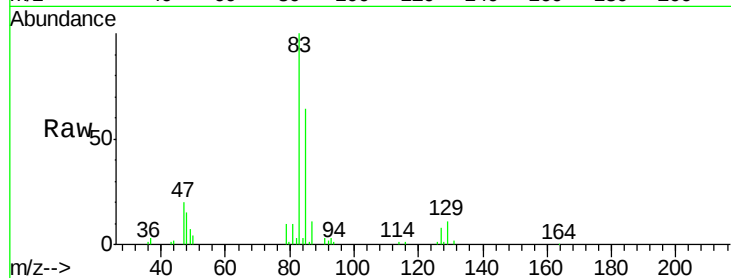
ClientSampleId :

VN0626WBS02

Tot Ion:	83	Resp:	82114
Ion	Ratio	Lower	Upper
83	100		
85	64.1	50.3	75.5
127	8.1	6.9	10.3

Manual Integrations
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#48

Methyl methacrylate

Concen: 18.372 ug/l

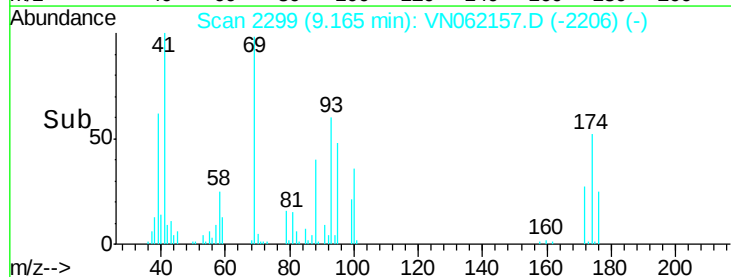
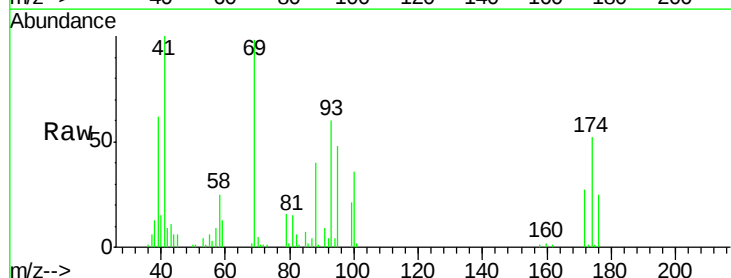
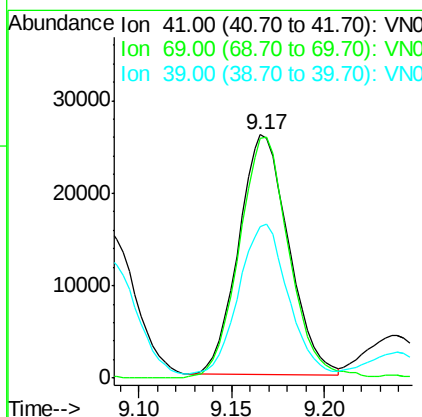
RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN062157.D

Acq: 26 Jun 2020 23:03

Tgt Ion:	41	Resp:	48488
Ion	Ratio	Lower	Upper
41	100		
69	100.9	80.7	121.1
39	64.1	54.5	81.7





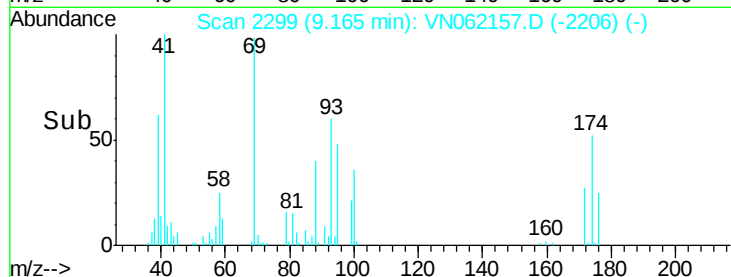
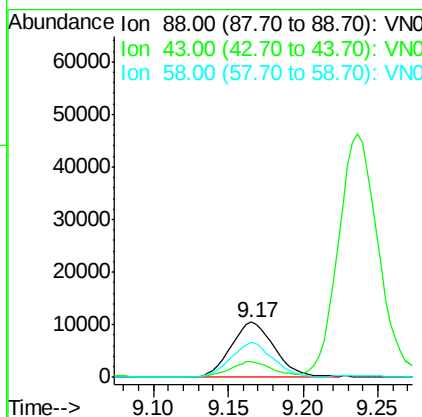
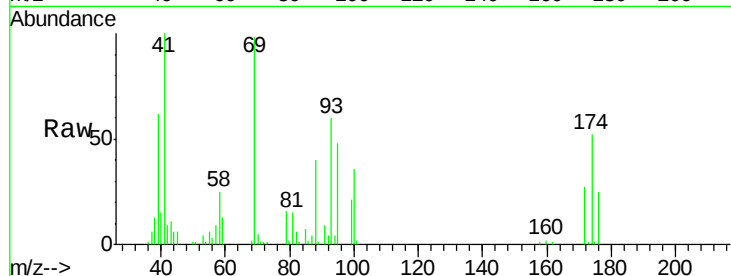
#49
1,4-Dioxane
Concen: 363.444 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062157.D
Acq: 26 Jun 2020 23:03

Instrument :
MSVOA_N
ClientSampleId :
VN0626WBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	27.7	22.0	33.0
58	61.2	49.2	73.8

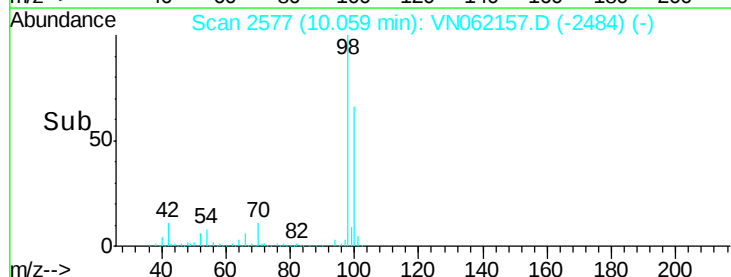
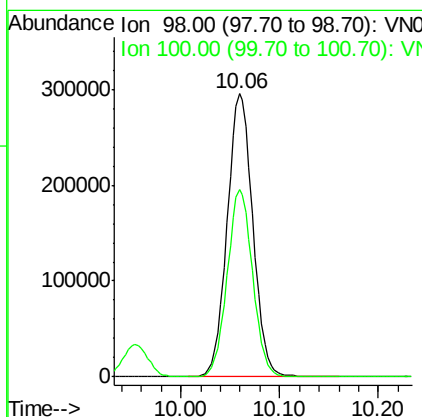
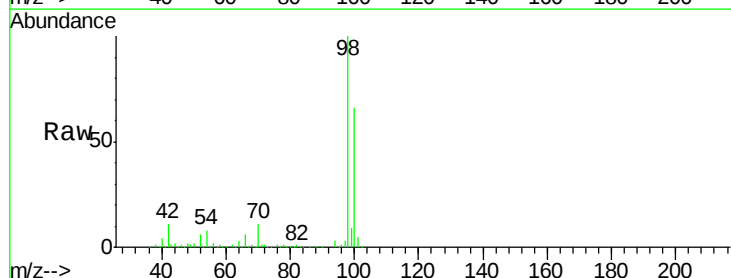
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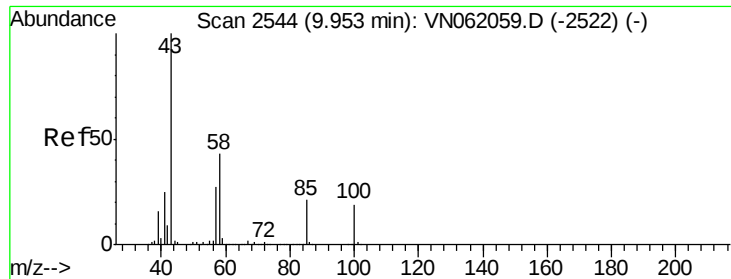
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#50
Toluene-d8
Concen: 48.311 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062157.D
Acq: 26 Jun 2020 23:03

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.1	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 95.456 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN062157.D

Acq: 26 Jun 2020 23:03

Instrument :

MSVOA_N

ClientSampleId :

VN0626WBS02

Tot Ion: 43 Resp: 328285

Ion Ratio Lower Upper

43 100

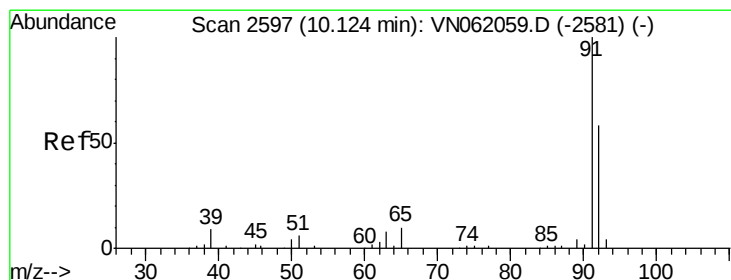
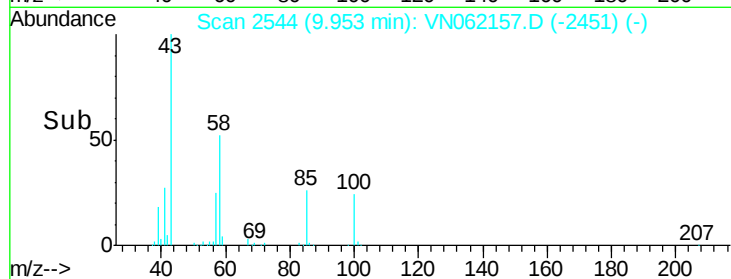
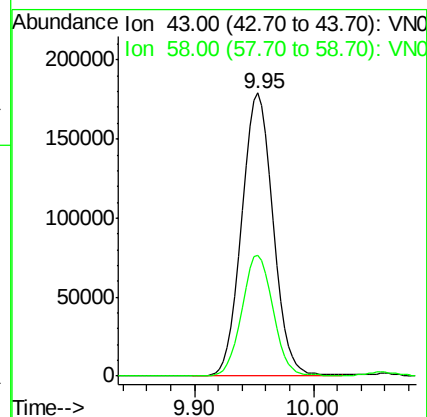
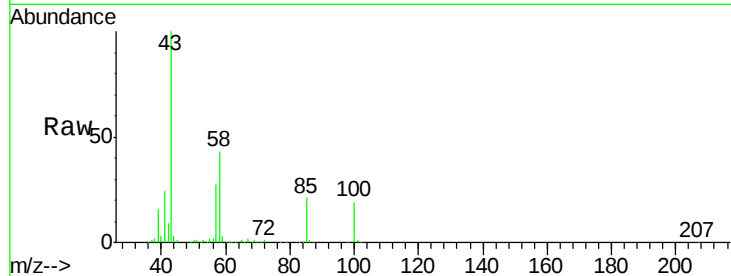
58 42.5 34.2 51.2

Manual Integrations

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#52

Toluene

Concen: 18.815 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062157.D

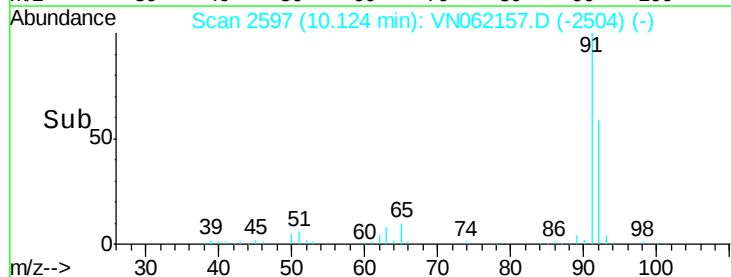
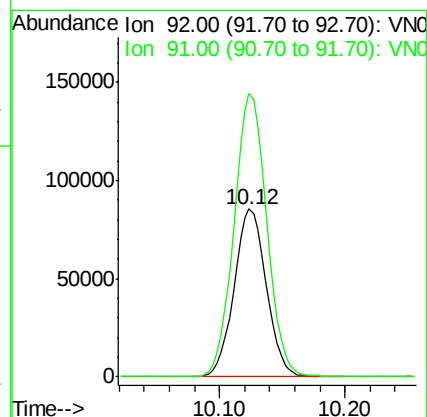
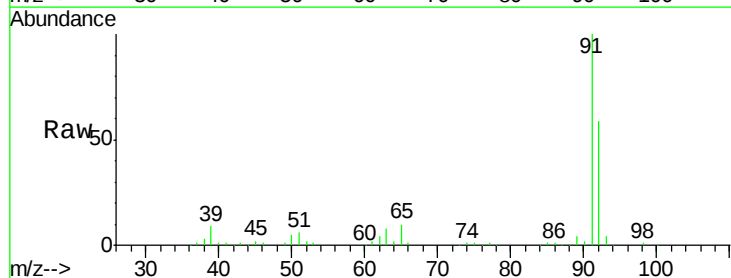
Acq: 26 Jun 2020 23:03

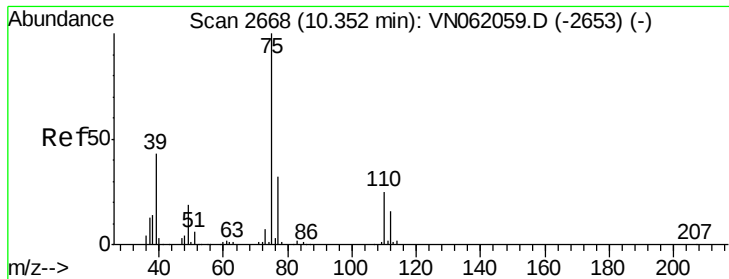
Tgt Ion: 92 Resp: 152580

Ion Ratio Lower Upper

92 100

91 171.3 137.4 206.0





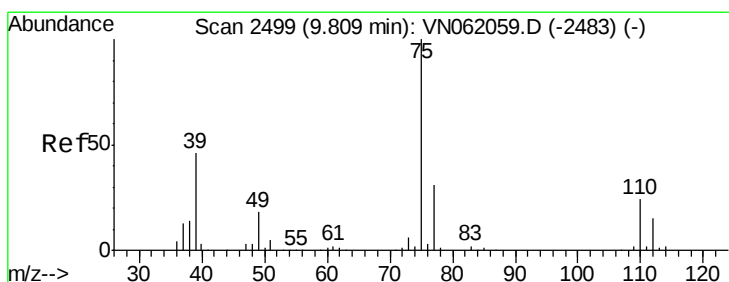
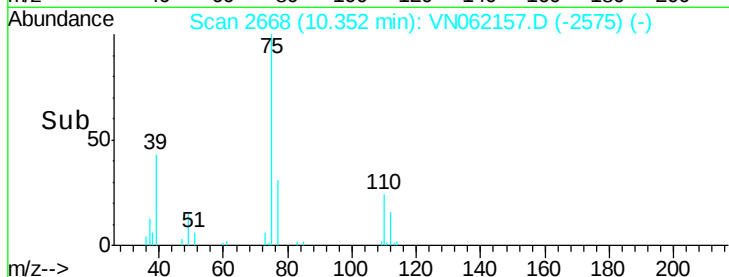
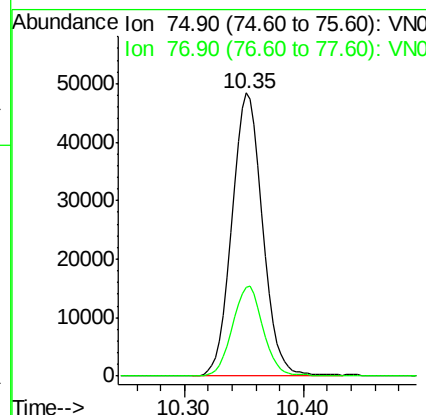
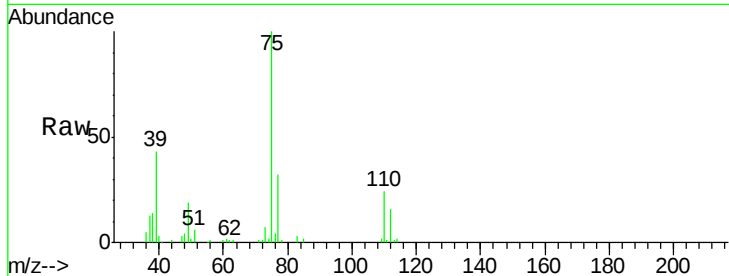
#53
t-1,3-Dichloropropene
Concen: 17.511 ug/l
RT: 10.35 min Scan# 2668
Delta R.T. -0.00 min
Lab File: VN062157.D
Acq: 26 Jun 2020 23:03

Instrument :
MSVOA_N
ClientSampleId :
VN0626WBS02

Tot Ion: 75 Resp: 86482
Ion Ratio Lower Upper
75 100
77 31.6 25.5 38.3

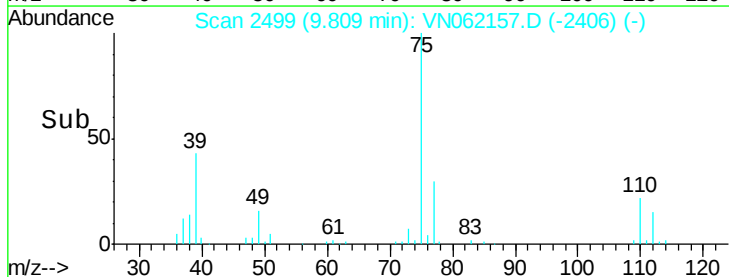
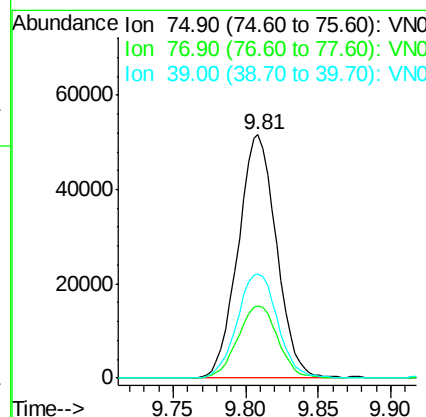
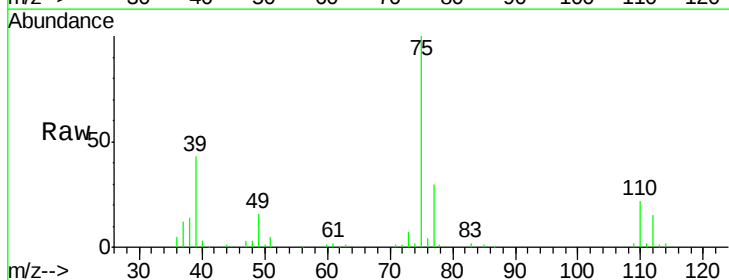
Manual Integrations
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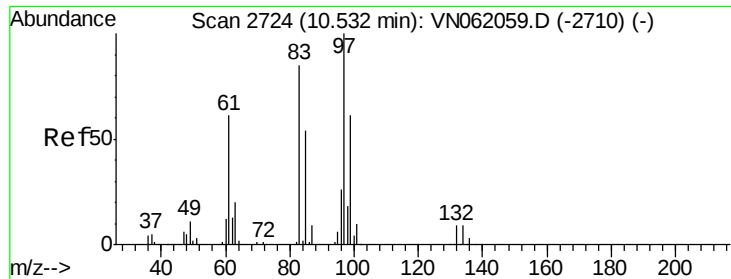
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 18.008 ug/l
RT: 9.81 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VN062157.D
Acq: 26 Jun 2020 23:03

Tgt Ion: 75 Resp: 94682
Ion Ratio Lower Upper
75 100
77 29.8 25.0 37.6
39 42.8 36.9 55.3





#55

1,1,2-Trichloroethane

Concen: 18.796 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.00 min

Lab File: VN062157.D

Acq: 26 Jun 2020 23:03

Instrument :

MSVOA_N

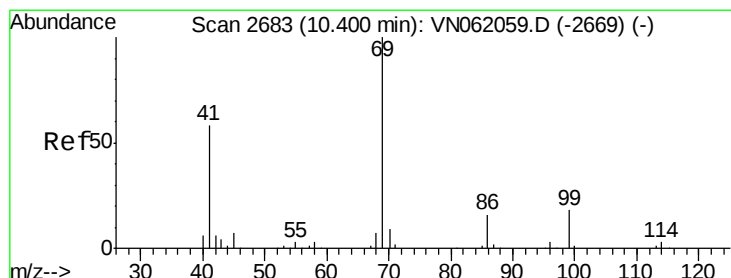
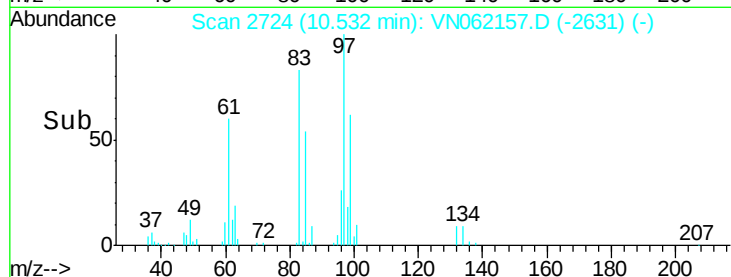
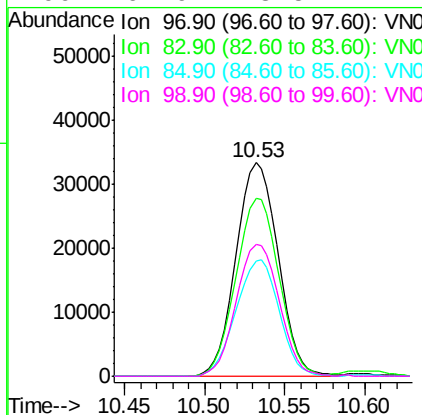
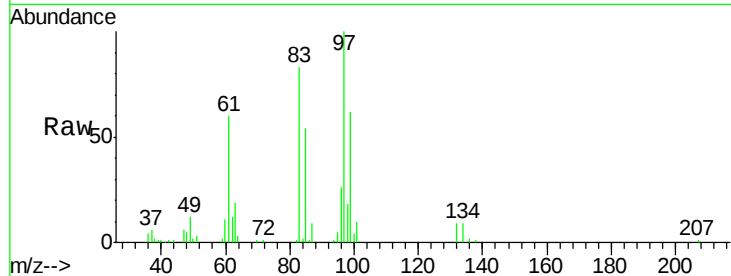
ClientSampleId :

VN0626WBS02

Tot Ion:	97	Resp:	59919
Ion	Ratio	Lower	Upper
97	100		
83	83.2	68.2	102.2
85	54.1	43.2	64.8
99	61.9	48.5	72.7

Manual Integrations
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#56

Ethyl methacrylate

Concen: 18.952 ug/l

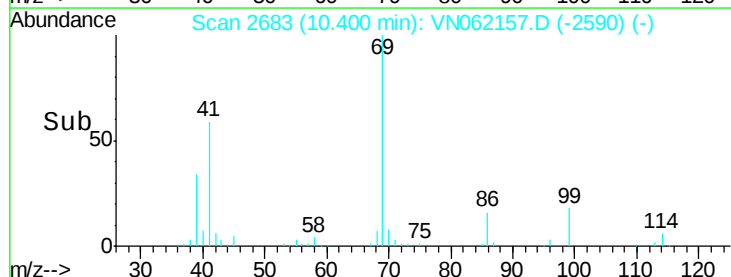
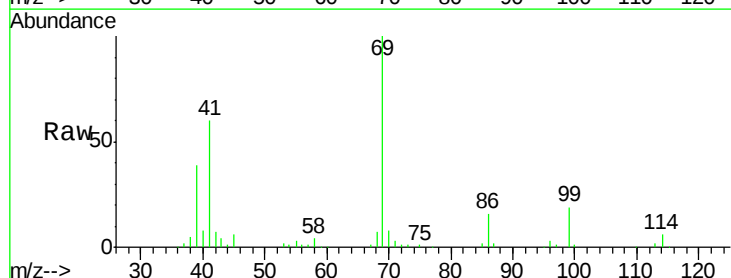
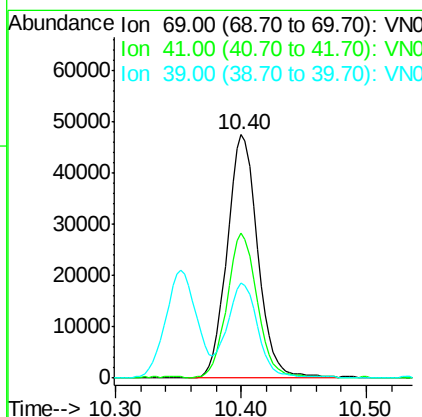
RT: 10.40 min Scan# 2683

Delta R.T. -0.00 min

Lab File: VN062157.D

Acq: 26 Jun 2020 23:03

Tgt Ion:	69	Resp:	80629
Ion	Ratio	Lower	Upper
69	100		
41	57.7	46.6	70.0
39	38.1	31.0	46.4





#57

1,3-Dichloropropane

Concen: 18.486 ug/l

RT: 10.68 min Scan# 2769

Delta R.T. -0.00 min

Lab File: VN062157.D

Acq: 26 Jun 2020 23:03

Instrument :

MSVOA_N

ClientSampleId :

VN0626WBS02

Tot Ion: 76 Resp: 101432

Ion Ratio Lower Upper

76 100

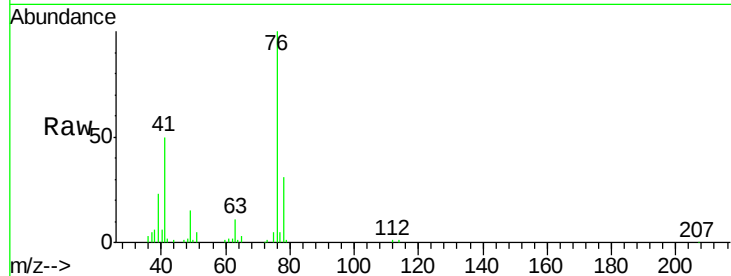
78 32.4 25.8 38.8

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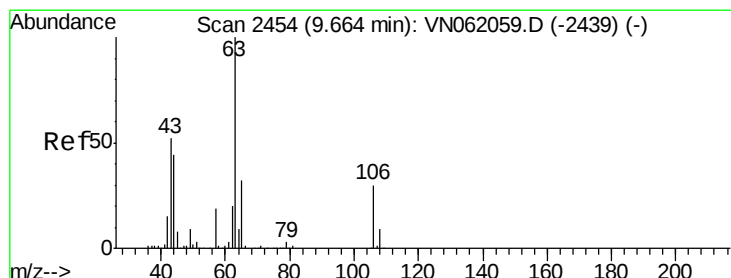
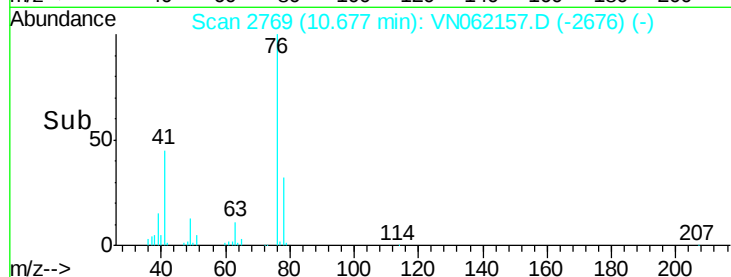
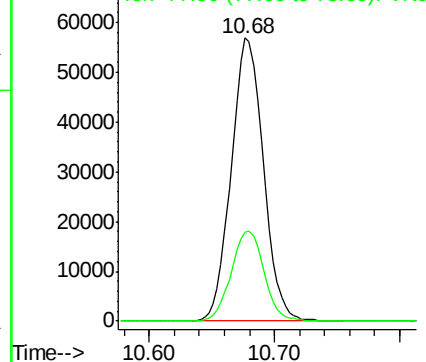
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Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 91.210 ug/l

RT: 9.66 min Scan# 2454

Delta R.T. 0.00 min

Lab File: VN062157.D

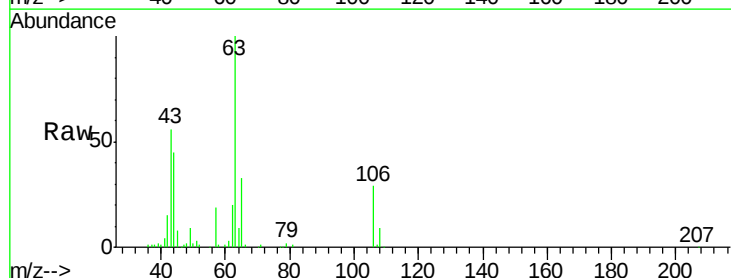
Acq: 26 Jun 2020 23:03

Tgt Ion: 63 Resp: 145406

Ion Ratio Lower Upper

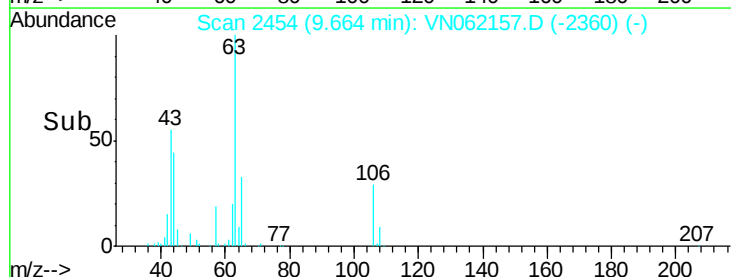
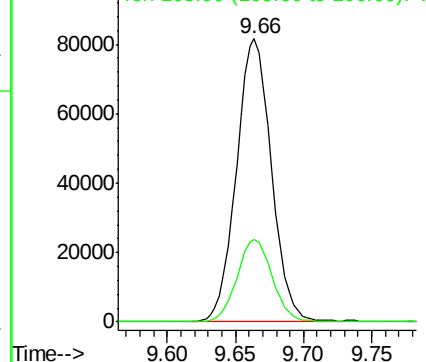
63 100

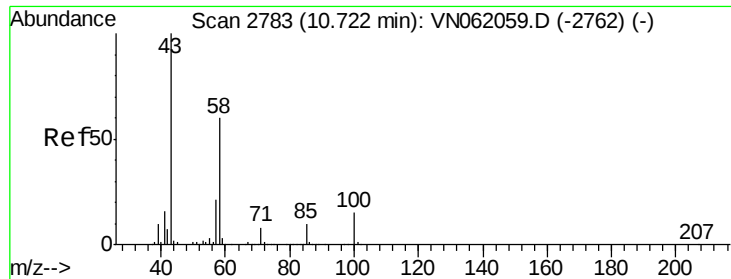
106 29.4 23.2 34.8



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V





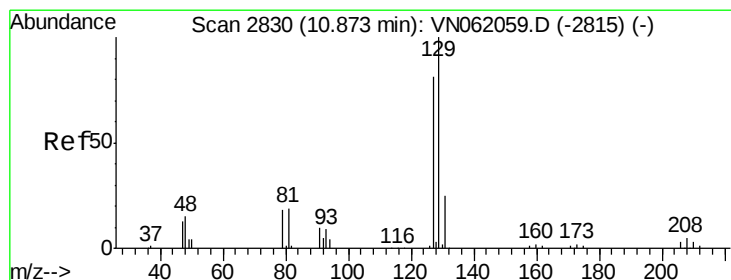
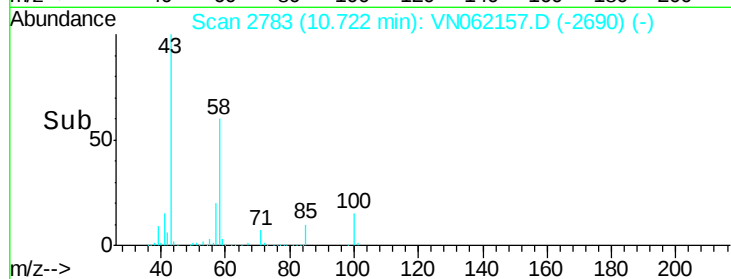
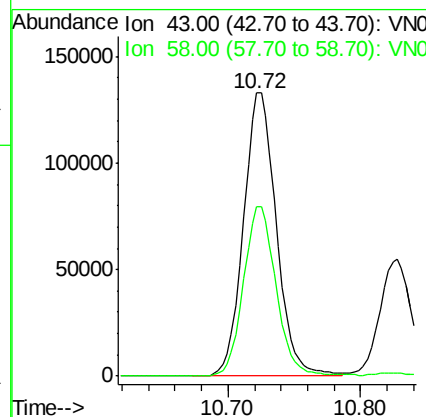
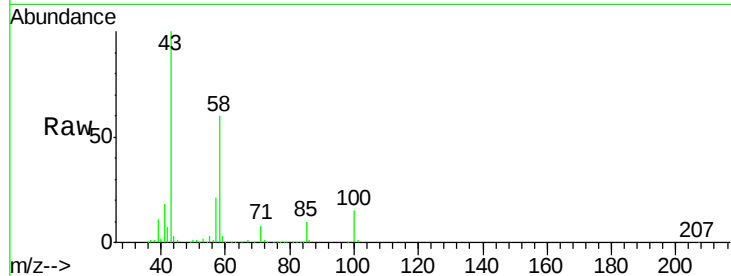
#59
2-Hexanone
Concen: 92.188 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN062157.D
Acq: 26 Jun 2020 23:03

Instrument :
MSVOA_N
ClientSampleId :
VN0626WBS02

Tot Ion	43	Resp	228940
Ion Ratio	100	Lower	Upper
43	100		
58	59.5	29.5	88.5

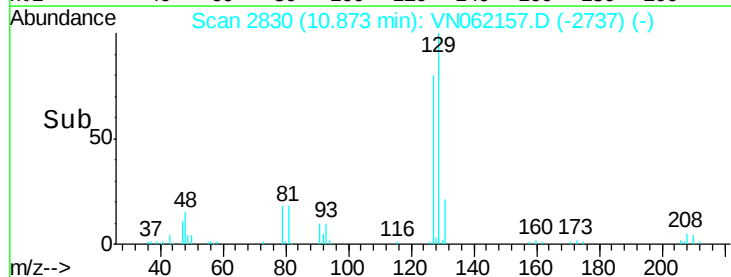
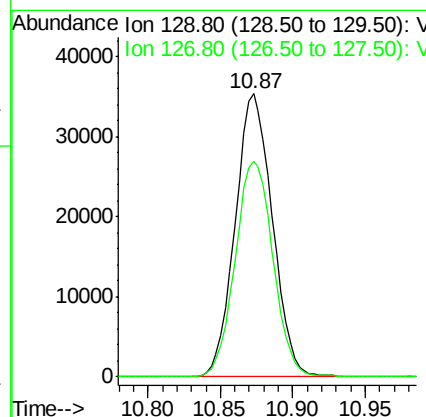
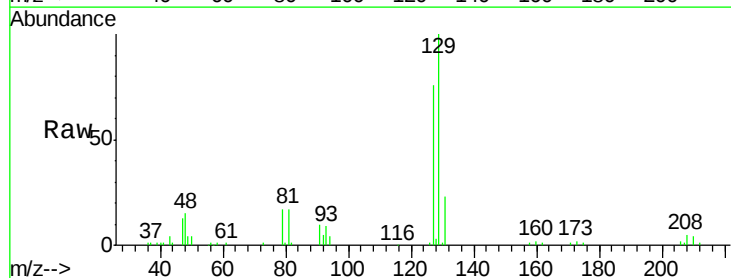
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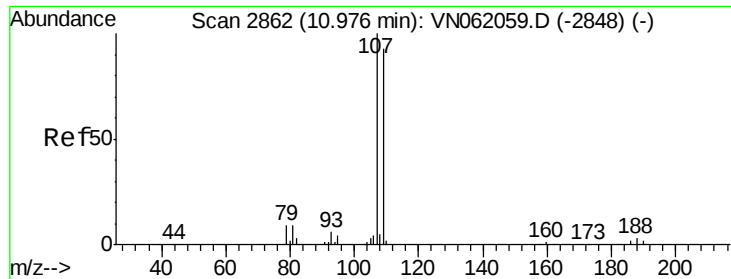
MMDadoda
6/29/2020 12:35:52 PM



#60
Dibromochloromethane
Concen: 18.639 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062157.D
Acq: 26 Jun 2020 23:03

Tgt Ion	129	Resp	62906
Ion Ratio	100	Lower	Upper
129	100		
127	77.5	39.5	118.5





#61

1,2-Dibromoethane

Concen: 18.479 ug/l

RT: 10.98 min Scan# 2863

Delta R.T. 0.00 min

Lab File: VN062157.D

Acq: 26 Jun 2020 23:03

Instrument :

MSVOA_N

ClientSampleId :

VN0626WBS02

Tot Ion:107 Resp: 60530

Ion Ratio Lower Upper

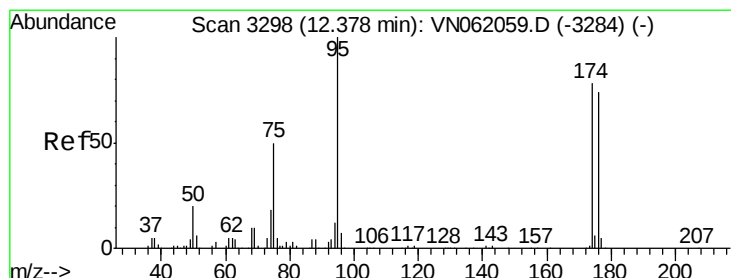
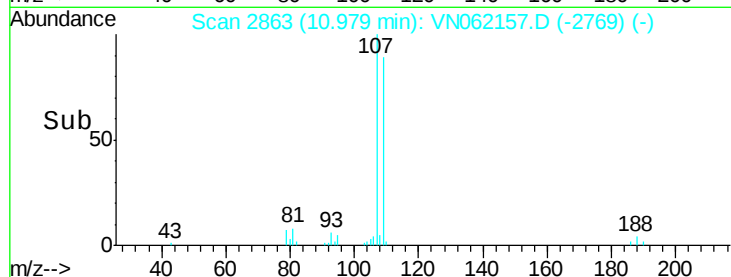
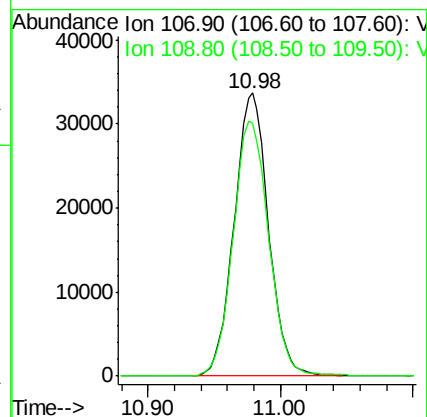
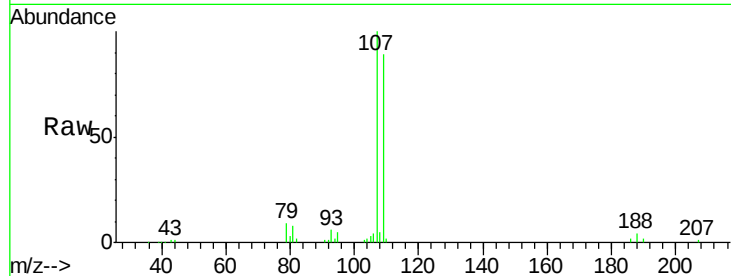
107 100

109 93.3 75.0 112.6

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#62

4-Bromofluorobenzene

Concen: 47.128 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062157.D

Acq: 26 Jun 2020 23:03

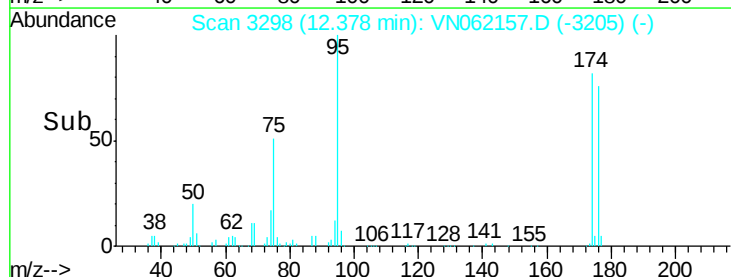
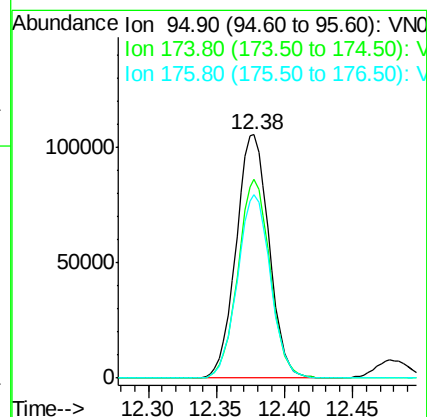
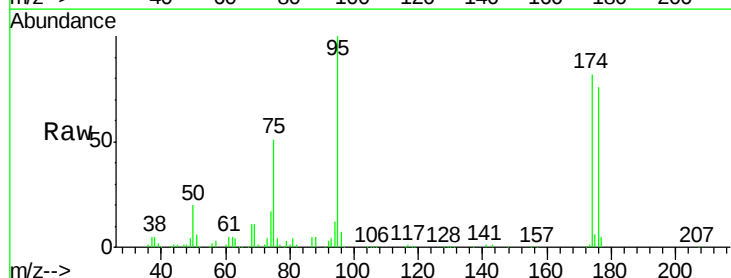
Tgt Ion: 95 Resp: 177150

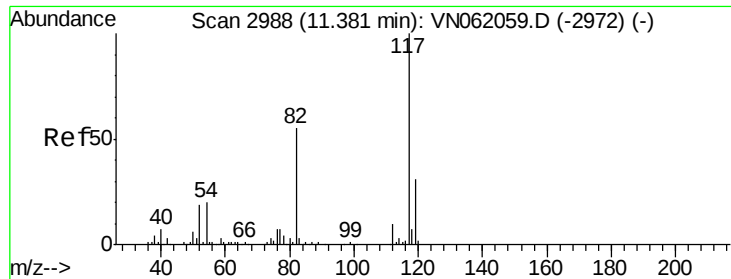
Ion Ratio Lower Upper

95 100

174 79.3 0.0 154.8

176 75.3 0.0 147.4





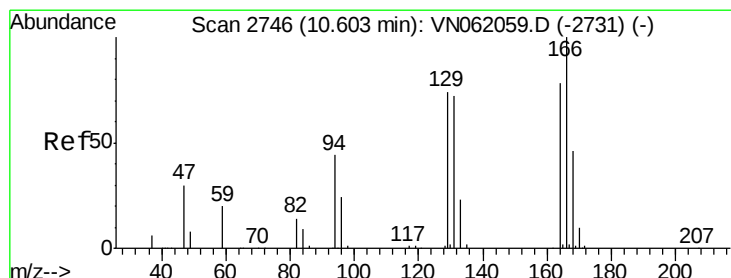
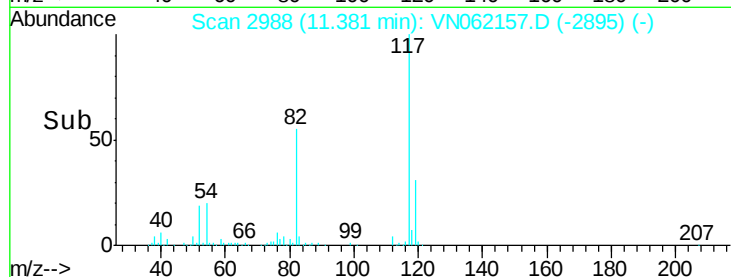
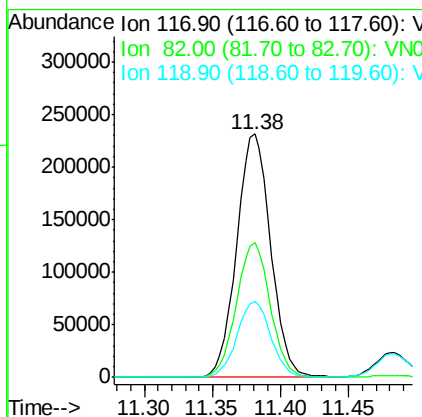
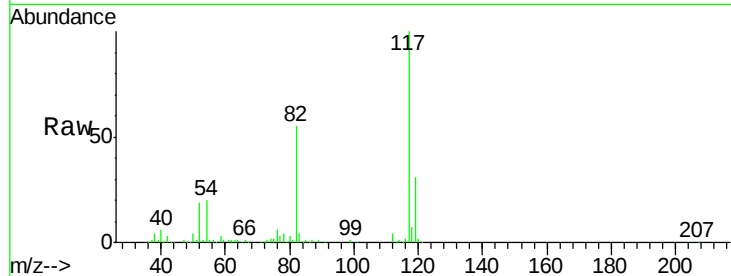
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062157.D
Acq: 26 Jun 2020 23:03

Instrument :
MSVOA_N
ClientSampleId :
VN0626WBS02

Tot Ion	Ratio	Resp	Lower	Upper
117	100	399948		
82	55.2	43.8	65.8	
119	31.1	25.2	37.8	

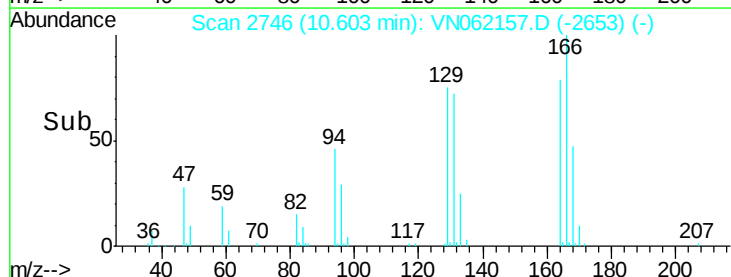
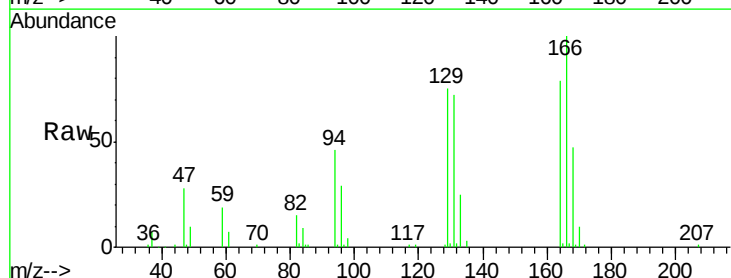
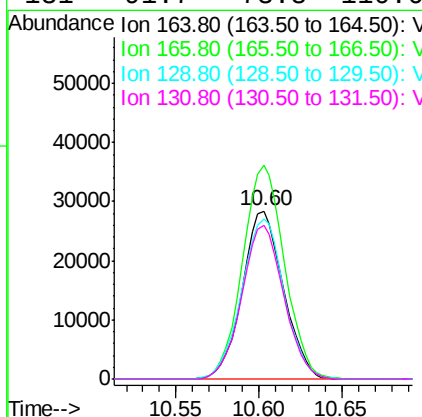
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#64
Tetrachloroethene
Concen: 17.896 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062157.D
Acq: 26 Jun 2020 23:03

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	48891		
166	127.2	102.9	154.3	
129	95.3	75.8	113.8	
131	91.7	73.8	110.6	





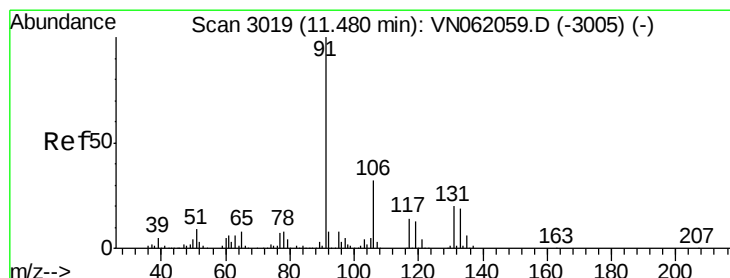
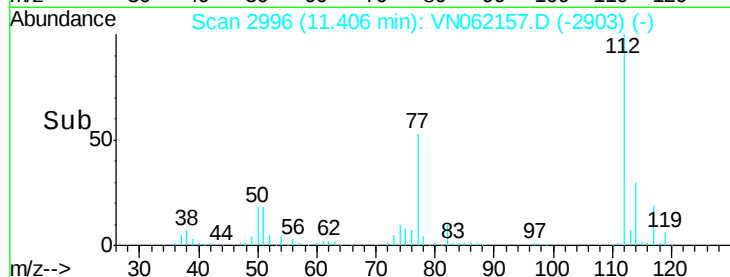
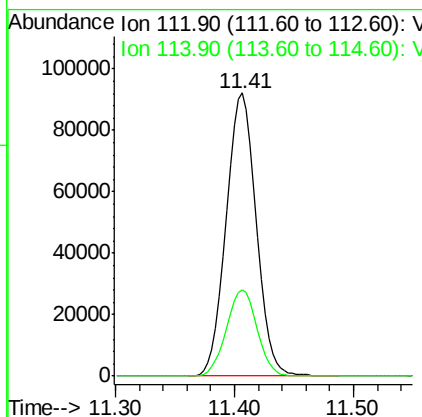
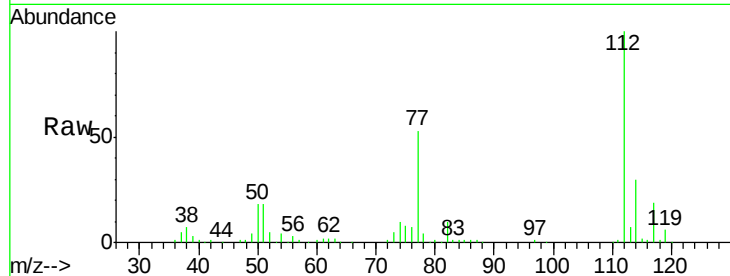
#65
Chlorobenzene
Concen: 18.375 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062157.D
Acq: 26 Jun 2020 23:03

Instrument :
MSVOA_N
ClientSampled :
VN0626WBS02

Tot Ion:112 Resp: 161386
Ion Ratio Lower Upper
112 100
114 30.3 25.8 38.8

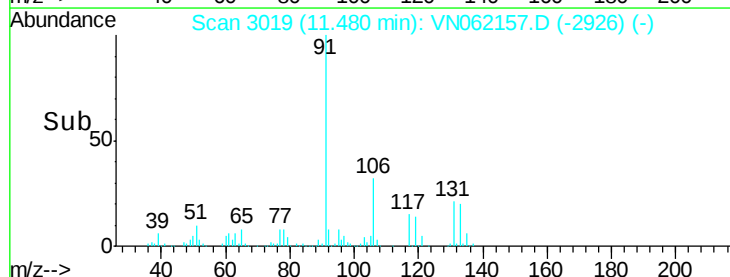
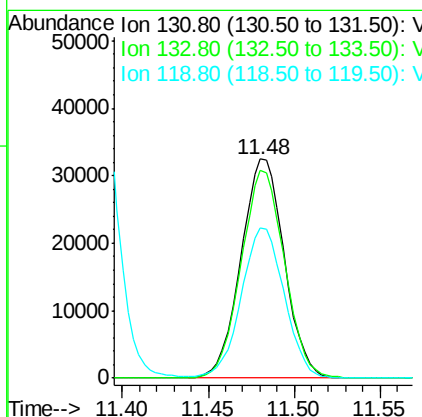
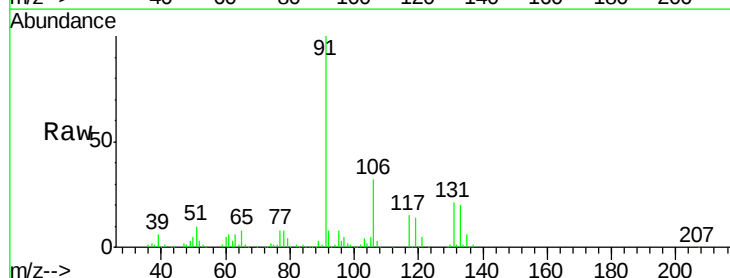
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.632 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062157.D
Acq: 26 Jun 2020 23:03

Tgt Ion:131 Resp: 56586
Ion Ratio Lower Upper
131 100
133 95.3 47.6 142.9
119 68.4 34.4 103.3





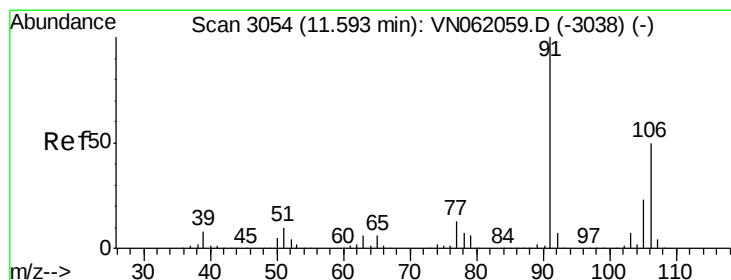
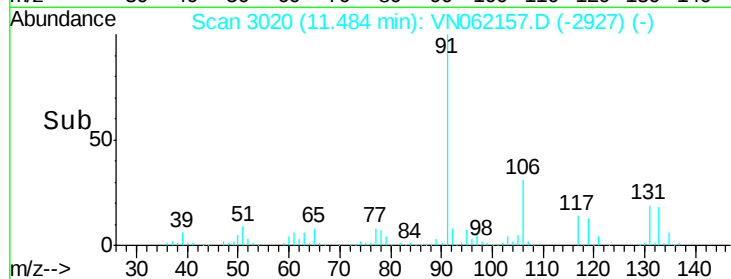
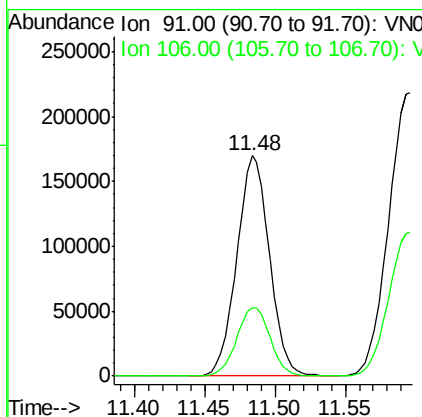
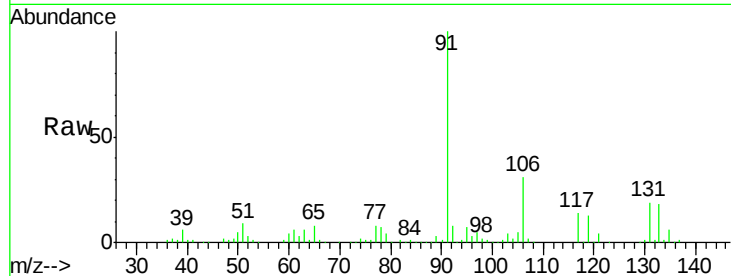
#67
Ethyl Benzene
Concen: 18.590 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062157.D
Acq: 26 Jun 2020 23:03

Instrument :
MSVOA_N
ClientSampleId :
VN0626WBS02

Tot Ion: 91 Resp: 275744
Ion Ratio Lower Upper
91 100
106 31.2 25.3 37.9

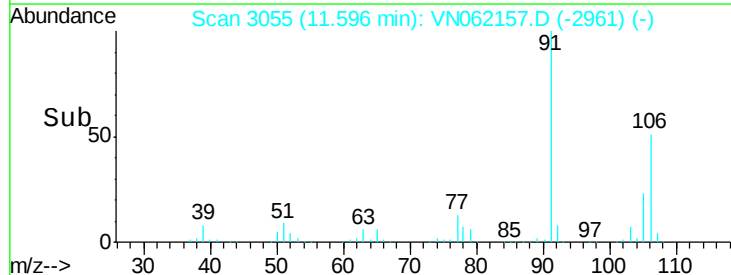
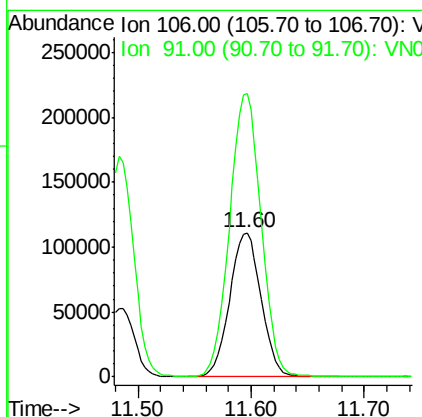
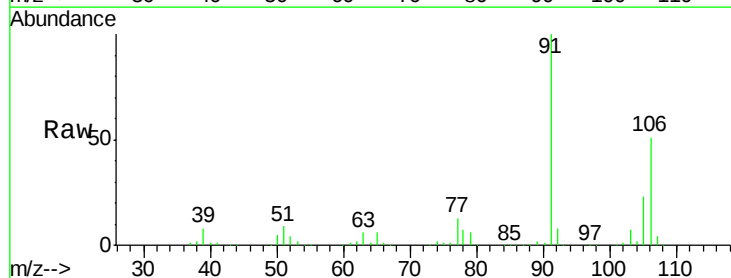
Manual Integrations
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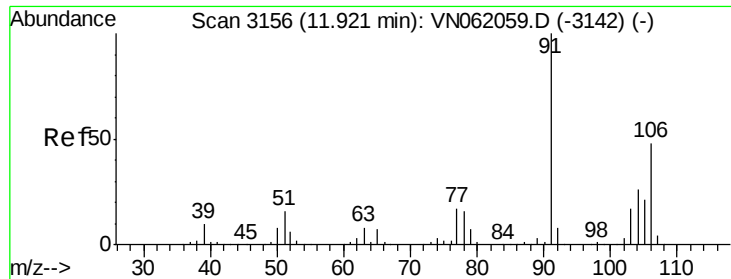
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#68
m/p-Xylenes
Concen: 37.292 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN062157.D
Acq: 26 Jun 2020 23:03

Tgt Ion: 106 Resp: 213952
Ion Ratio Lower Upper
106 100
91 197.9 157.8 236.8





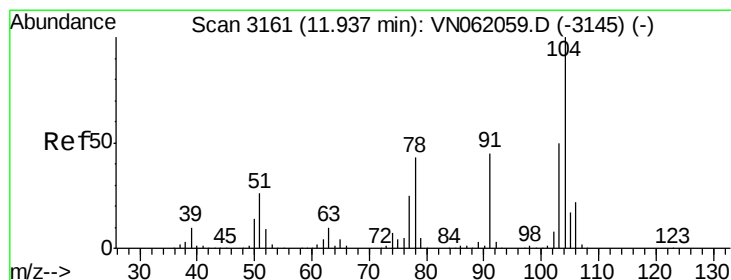
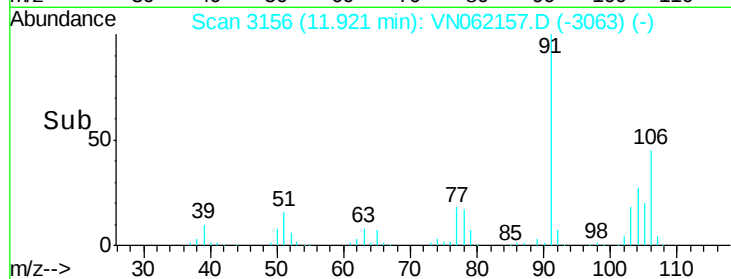
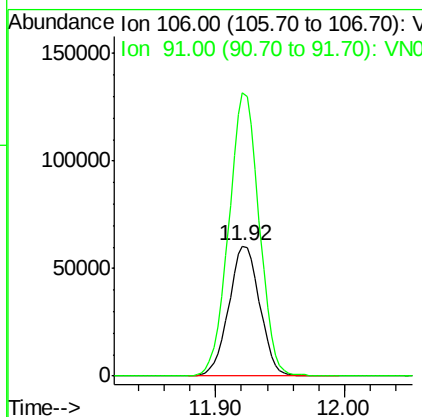
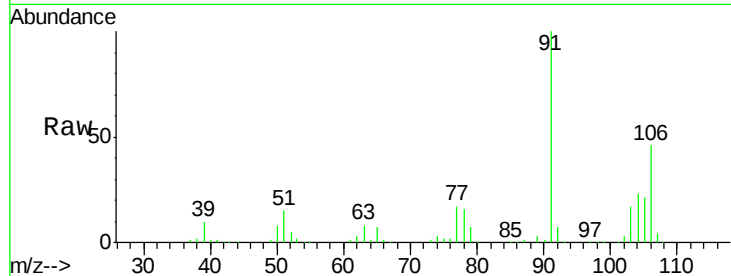
#69
o-Xylene
Concen: 18.676 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062157.D
Acq: 26 Jun 2020 23:03

Instrument :
MSVOA_N
ClientSampleId :
VN0626WBS02

Tot Ion:106 Resp: 101095
Ion Ratio Lower Upper
106 100
91 213.1 104.0 311.9

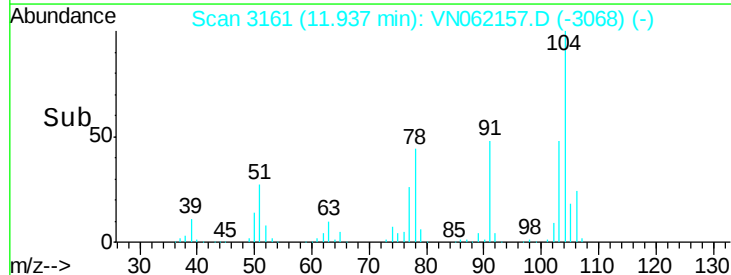
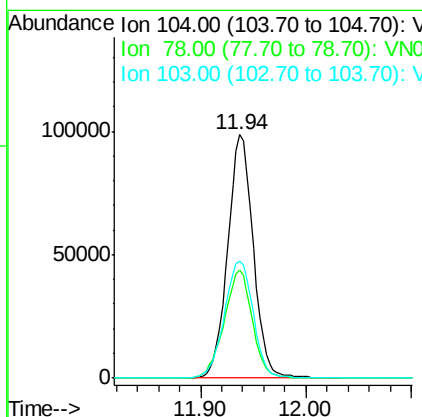
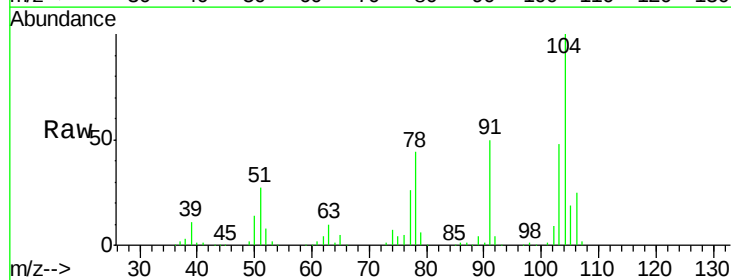
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#70
Styrene
Concen: 18.362 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062157.D
Acq: 26 Jun 2020 23:03

Tgt Ion:104 Resp: 165764
Ion Ratio Lower Upper
104 100
78 48.5 37.7 56.5
103 54.1 43.0 64.6





#71

Bromoform

Concen: 18.748 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062157.D

Acq: 26 Jun 2020 23:03

Instrument :

MSVOA_N

ClientSampleId :

VN0626WBS02

Tot Ion:173 Resp: 40483

Ion Ratio Lower Upper

173 100

175 47.7 24.7 74.1

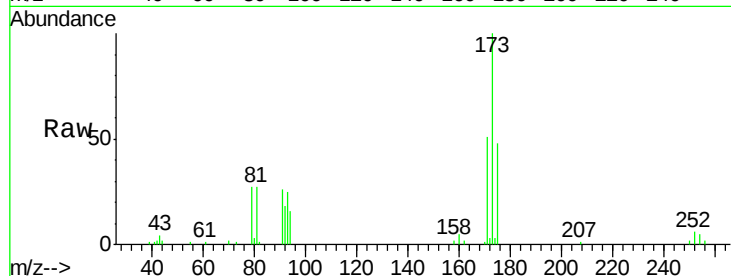
254 0.0 0.0 0.0

Manual Integrations

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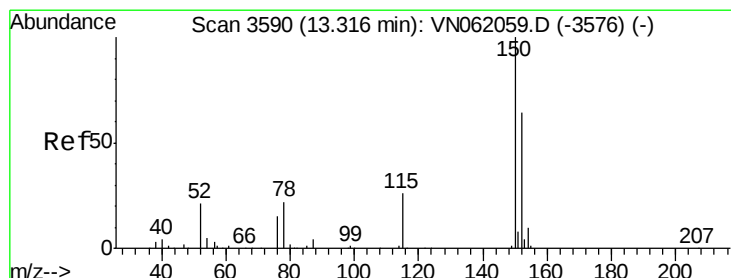
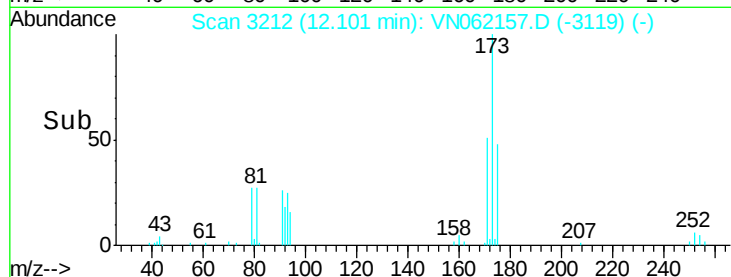
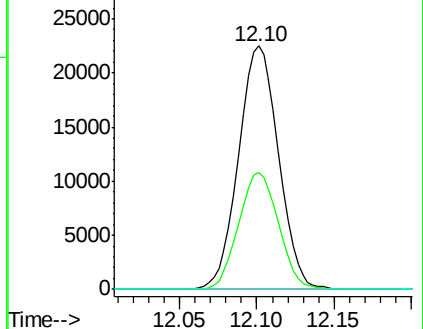
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Abundance Ion 172.70 (172.40 to 173.40): V

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: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062157.D

Acq: 26 Jun 2020 23:03

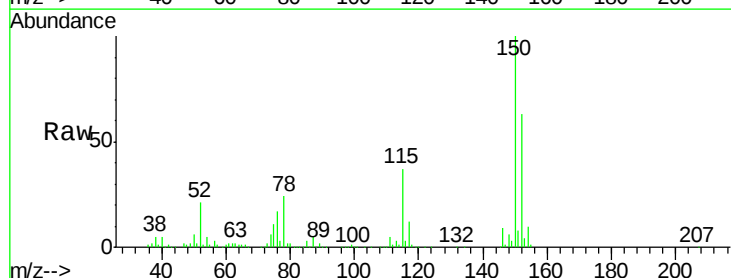
Tgt Ion:152 Resp: 179952

Ion Ratio Lower Upper

152 100

115 57.8 29.5 88.5

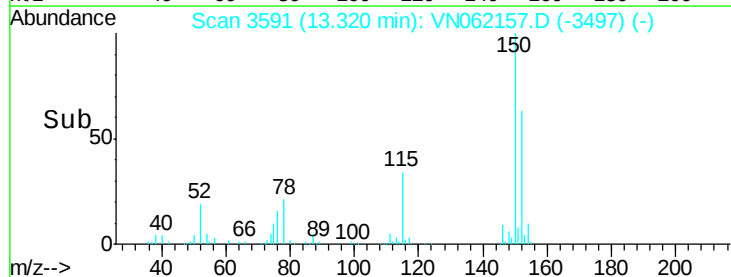
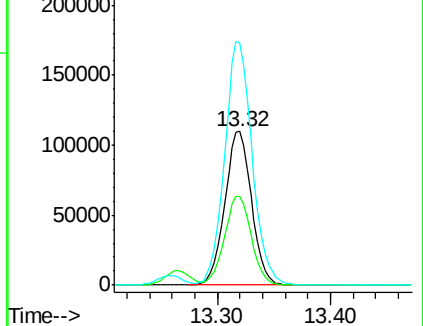
150 162.9 0.0 351.4

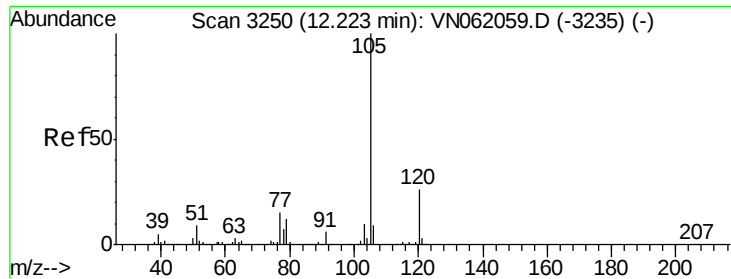


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.505 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062157.D

Acq: 26 Jun 2020 23:03

Instrument :

MSVOA_N

ClientSampleId :

VN0626WBS02

Tot Ion: 105 Resp: 271695

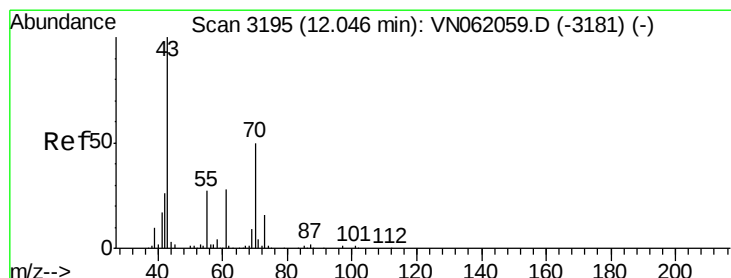
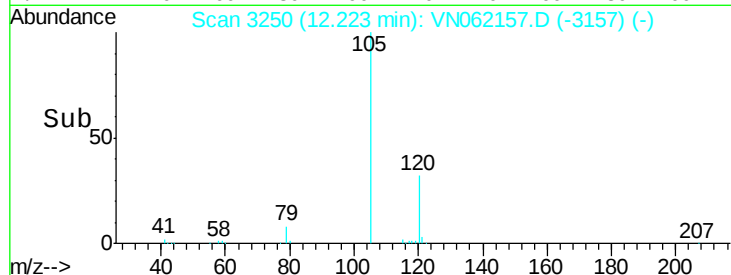
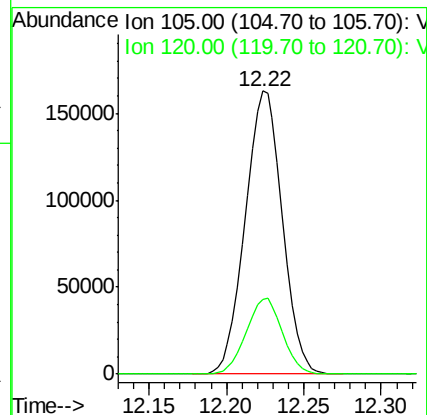
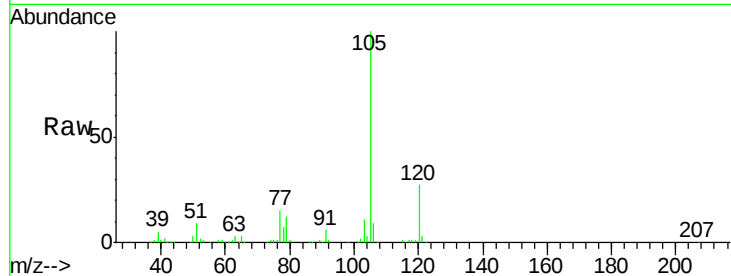
Ion Ratio Lower Upper

105 100

120 26.1 13.2 39.6

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#74

N-ethyl acetate

Concen: 19.319 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN062157.D

Acq: 26 Jun 2020 23:03

Tgt Ion: 43 Resp: 87790

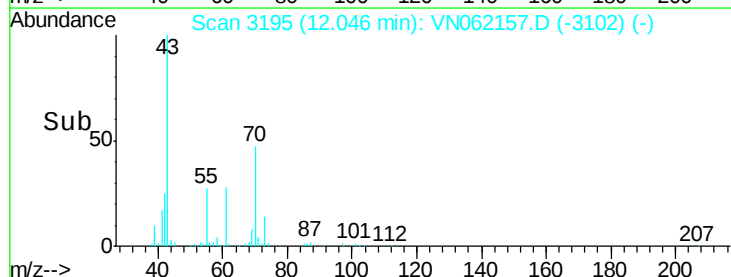
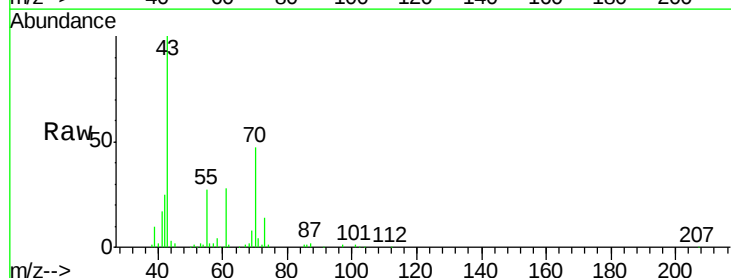
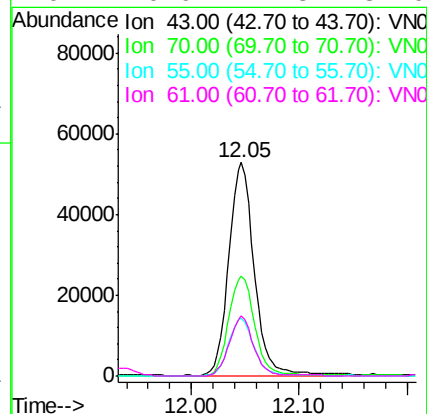
Ion Ratio Lower Upper

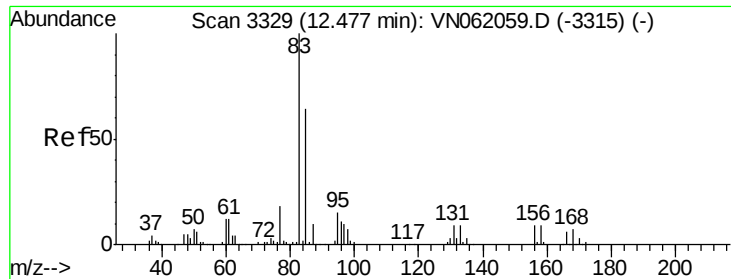
43 100

70 48.2 39.4 59.2

55 26.9 21.7 32.5

61 26.9 21.3 31.9





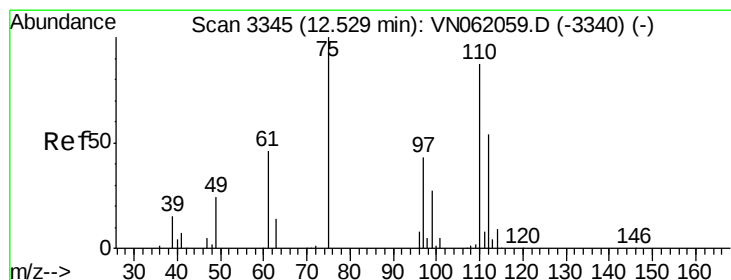
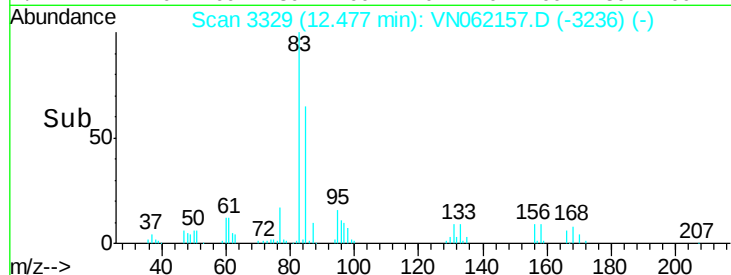
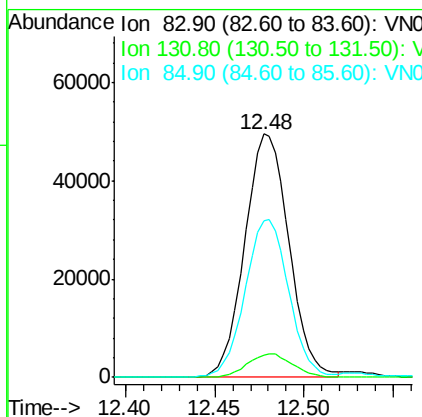
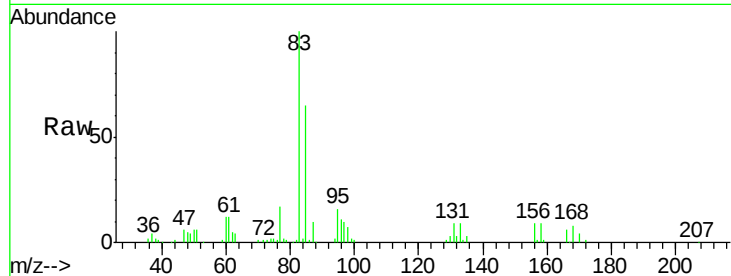
#75
 1,1,2,2-Tetrachloroethane
 Concen: 18.513 ug/l
 RT: 12.48 min Scan# 3329
 Delta R.T. -0.00 min
 Lab File: VN062157.D
 Acq: 26 Jun 2020 23:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0626WBS02

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
131	9.9	4.8	14.4	
85	63.8	32.4	97.0	

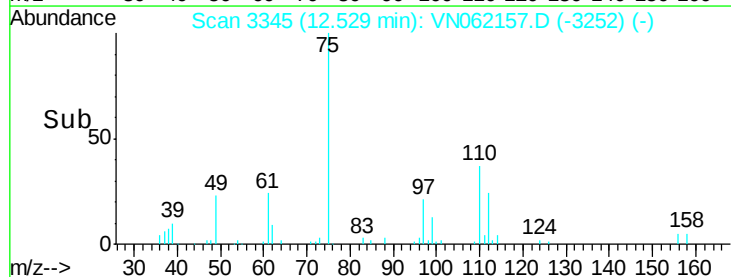
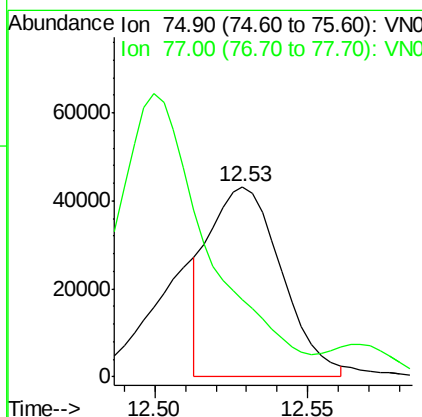
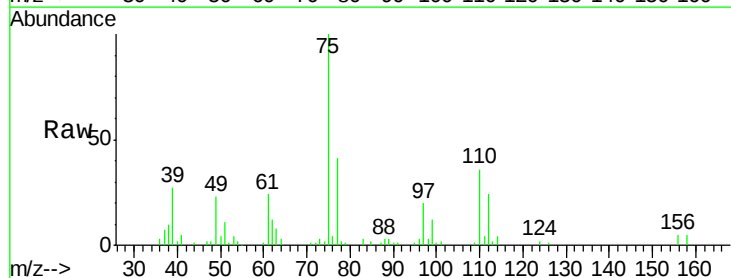
Manual Integrations
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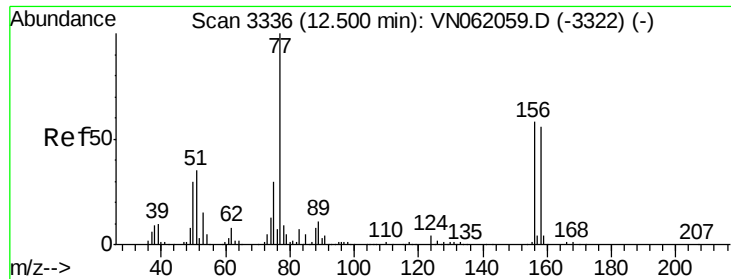
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#76
 1,2,3-Trichloropropane
 Concen: 16.788 ug/l m
 RT: 12.53 min Scan# 3345
 Delta R.T. -0.00 min
 Lab File: VN062157.D
 Acq: 26 Jun 2020 23:03

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





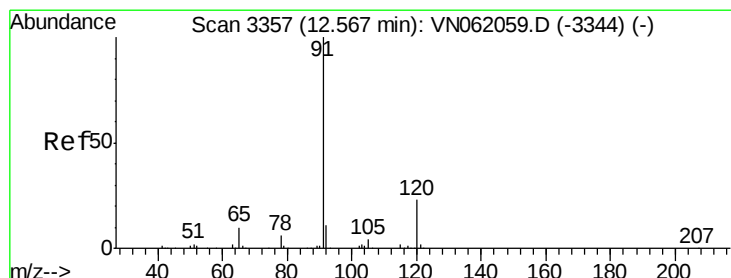
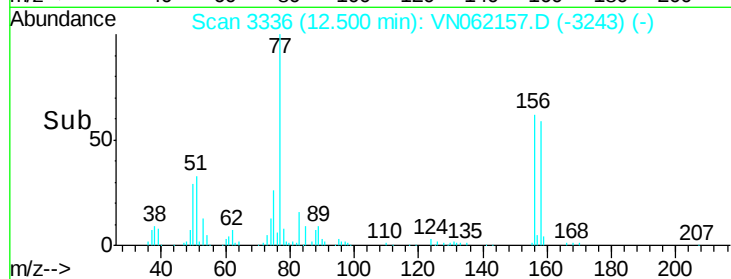
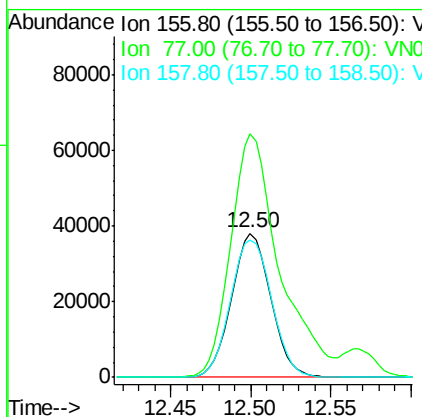
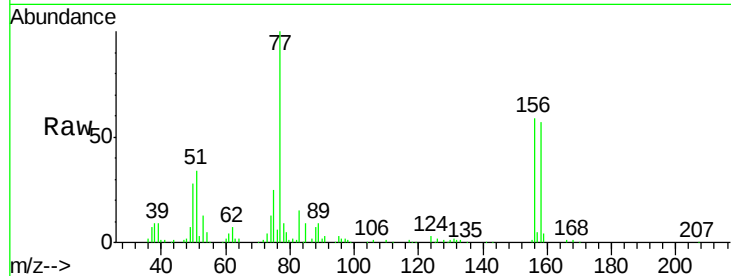
#77
Bromobenzene
Concen: 18.384 ug/l
RT: 12.50 min Scan# 3336
Delta R.T. -0.00 min
Lab File: VN062157.D
Acq: 26 Jun 2020 23:03

Instrument :
MSVOA_N
ClientSampleId :
VN0626WBS02

Tot Ion	Ratio	Lower	Upper
156	100		
77	211.1	104.6	313.8
158	100.5	48.0	144.0

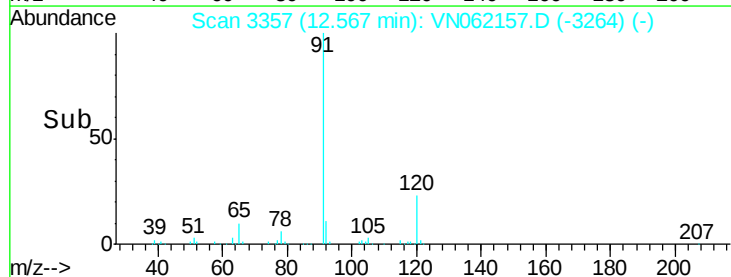
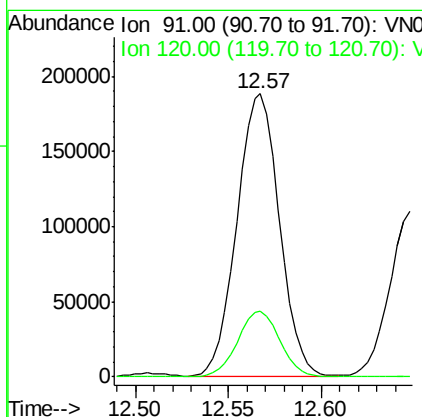
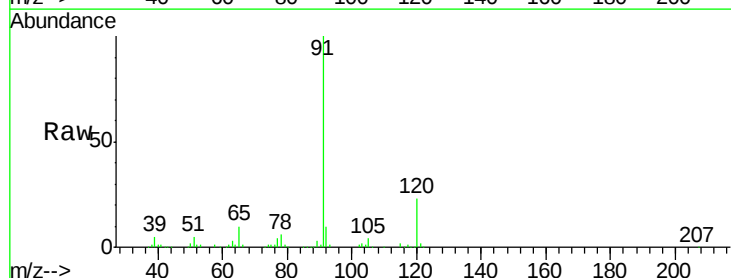
Manual Integrations
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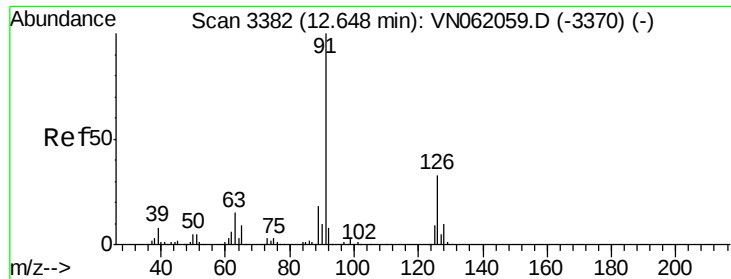
MMDadoda
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#78
n-propylbenzene
Concen: 18.731 ug/l
RT: 12.57 min Scan# 3357
Delta R.T. -0.00 min
Lab File: VN062157.D
Acq: 26 Jun 2020 23:03

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.2	11.4	34.1





#79

2-Chlorotoluene

Concen: 18.663 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN062157.D

Acq: 26 Jun 2020 23:03

Instrument :

MSVOA_N

ClientSampleId :

VN0626WBS02

Tot Ion: 91 Resp: 179769

Ion Ratio Lower Upper

91 100

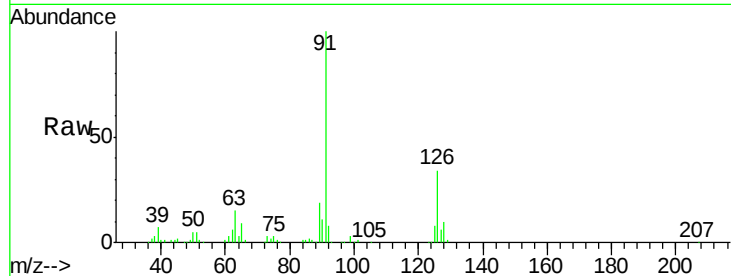
126 34.9 16.9 50.7

Manual Integrations

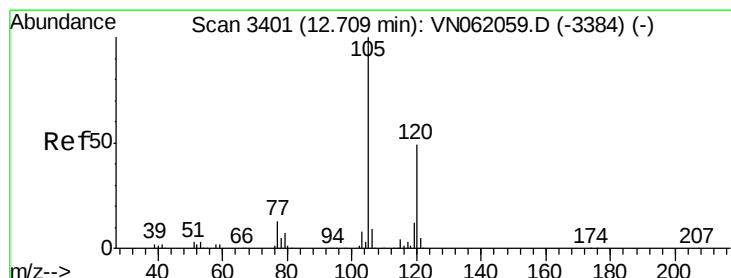
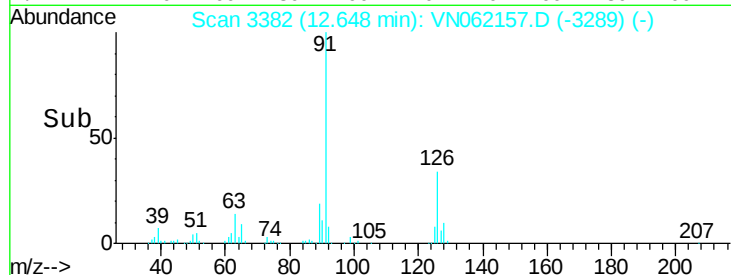
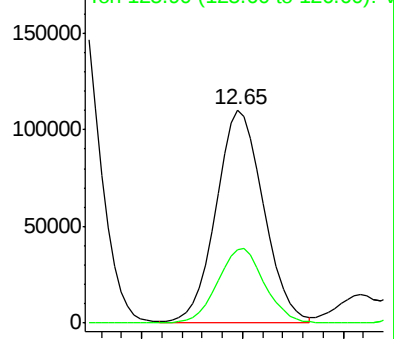
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Abundance Ion 91.00 (90.70 to 91.70): VN062157.D (-3382) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.569 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062157.D

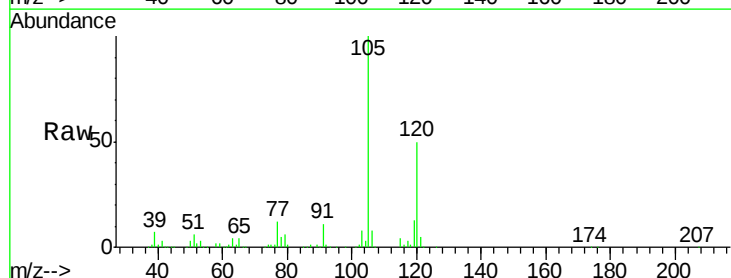
Acq: 26 Jun 2020 23:03

Tgt Ion: 105 Resp: 220981

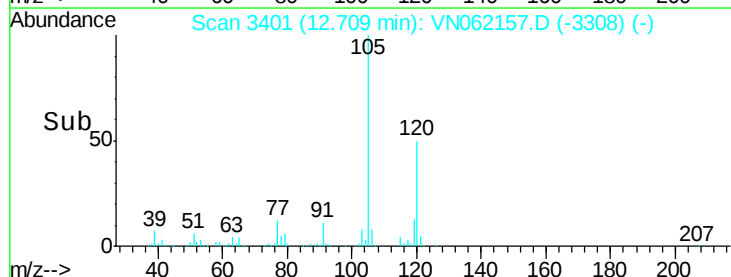
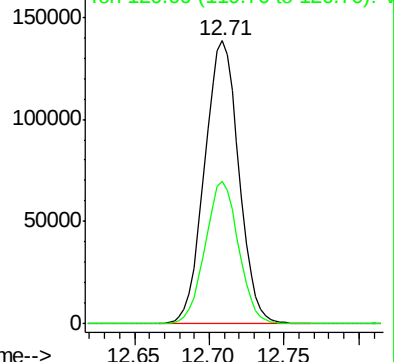
Ion Ratio Lower Upper

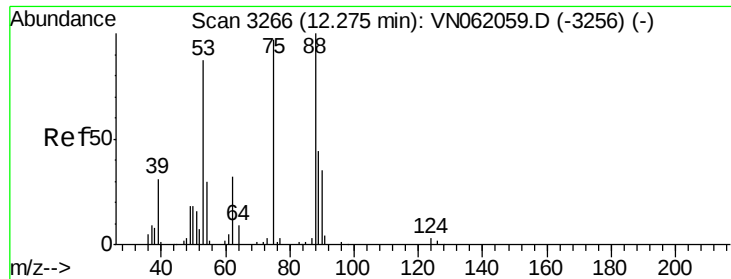
105 100

120 49.1 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VN062157.D (-3401) (-)





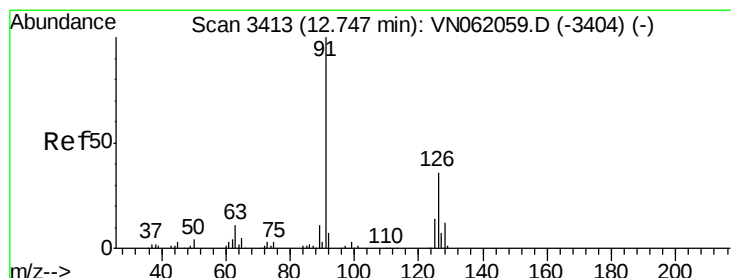
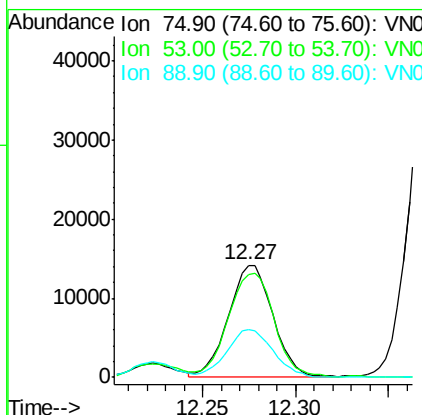
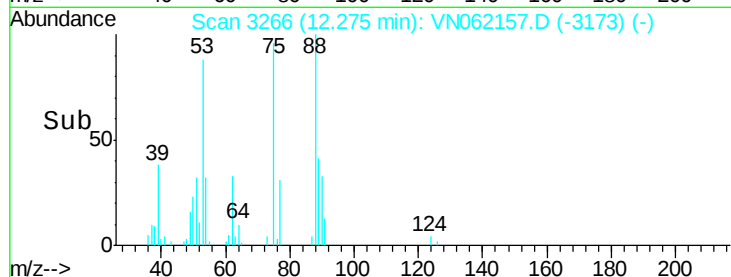
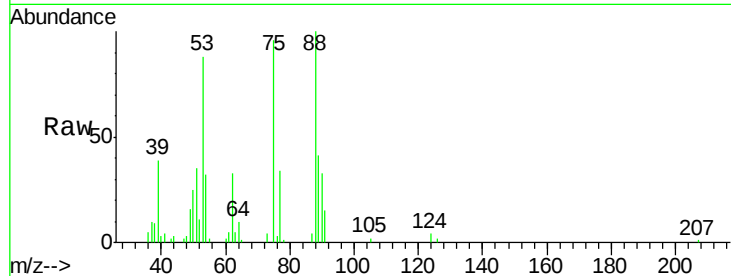
#81
trans-1,4-Dichloro-2-butene
Concen: 16.325 ug/l
RT: 12.27 min Scan# 3266
Delta R.T. -0.00 min
Lab File: VN062157.D
Acq: 26 Jun 2020 23:03

Instrument :
MSVOA_N
ClientSampleId :
VN0626WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
53	95.7	72.0	108.0
89	44.0	36.9	55.3

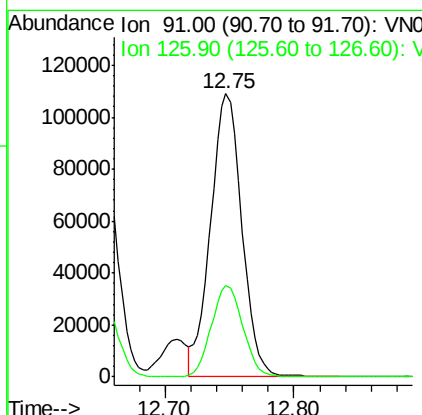
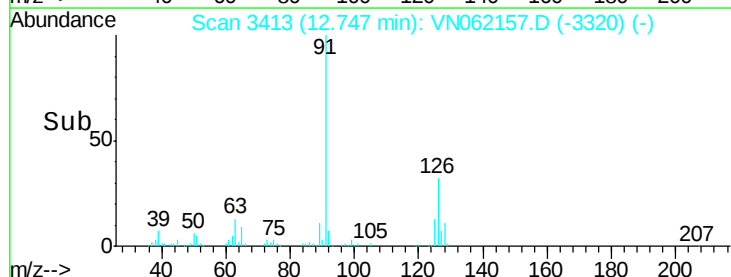
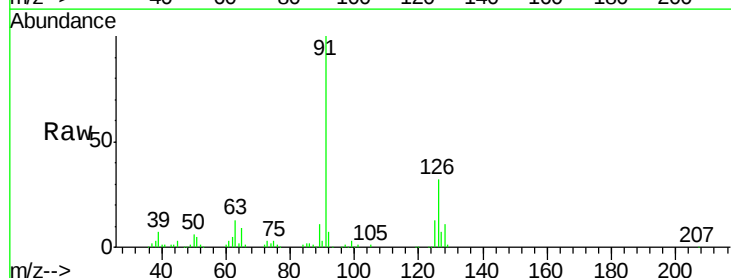
Manual Integrations
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#82
4-Chlorotoluene
Concen: 18.330 ug/l
RT: 12.75 min Scan# 3413
Delta R.T. -0.00 min
Lab File: VN062157.D
Acq: 26 Jun 2020 23:03

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.8	16.7	50.1





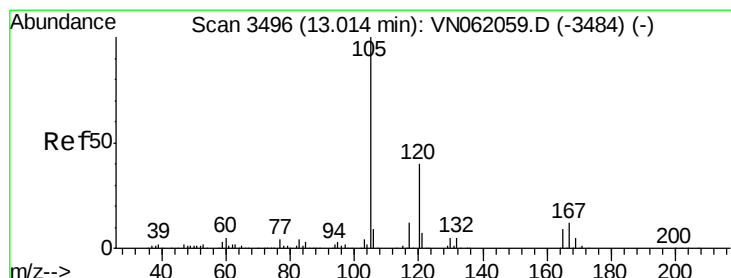
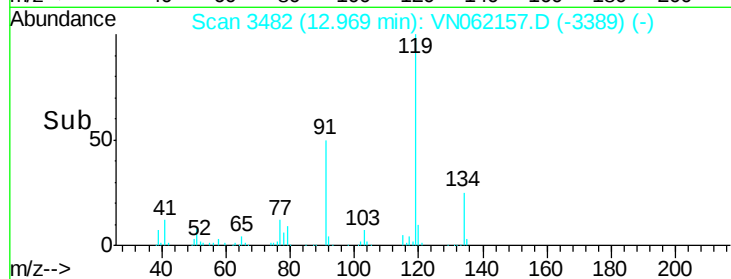
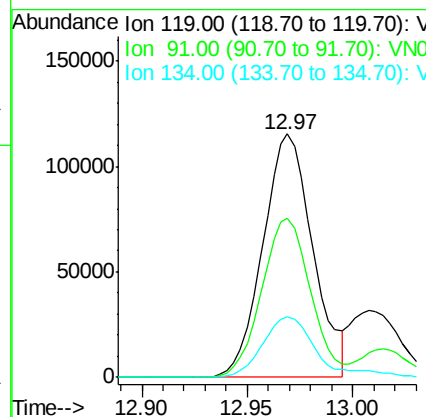
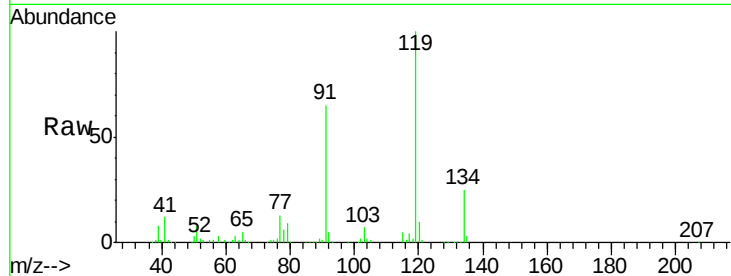
#83
 tert-Butylbenzene
 Concen: 19.677 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062157.D
 Acq: 26 Jun 2020 23:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0626WBS02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	190160		
91	64.2	31.7	95.1	
134	27.0	13.1	39.1	

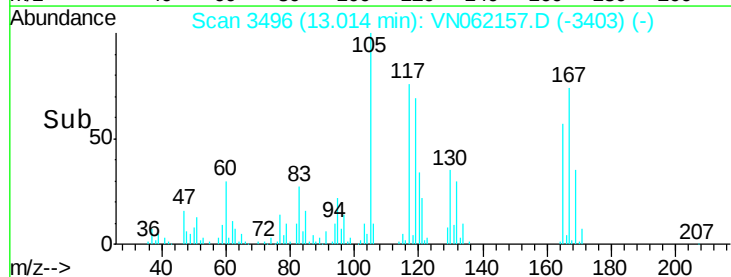
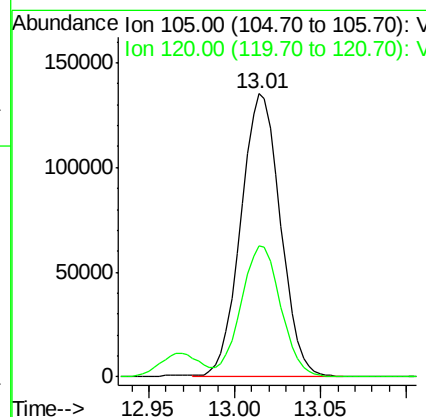
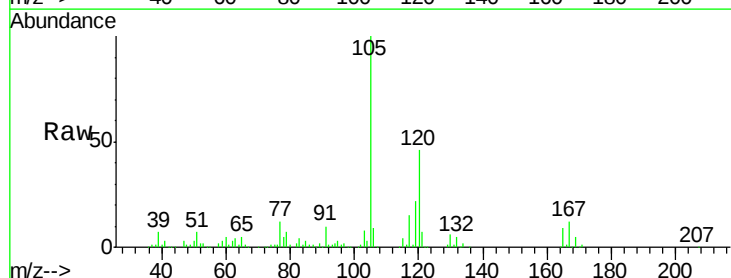
Manual Integrations
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.116 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062157.D
 Acq: 26 Jun 2020 23:03

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	215586		
120	46.6	23.2	69.5	





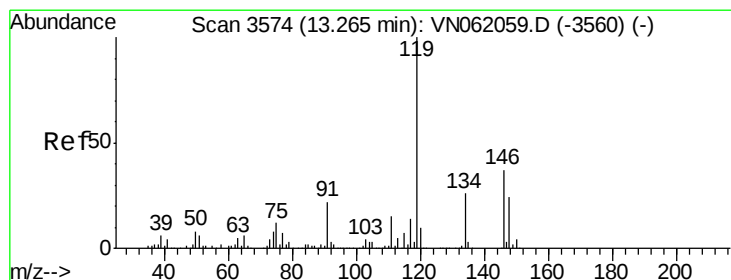
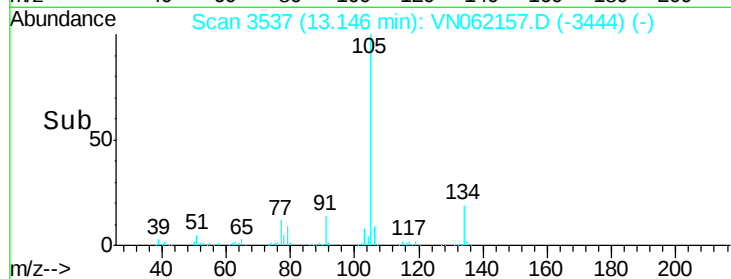
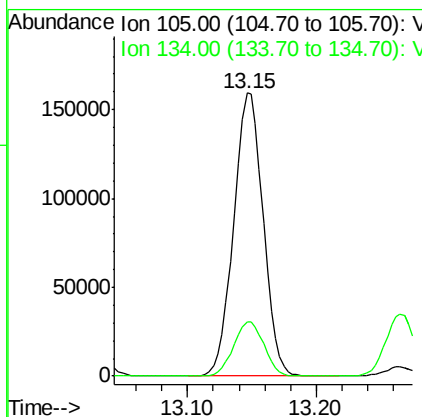
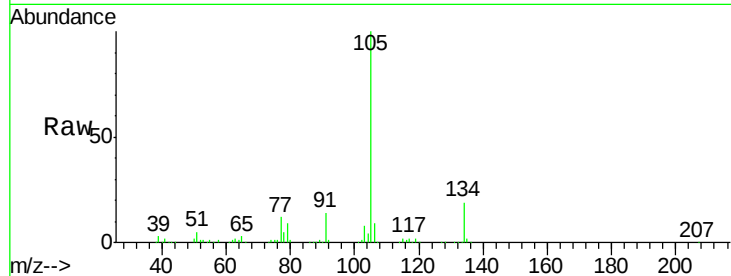
#85
 sec-Butylbenzene
 Concen: 19.820 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. -0.00 min
 Lab File: VN062157.D
 Acq: 26 Jun 2020 23:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0626WBS02

Tot Ion	Ratio	Resp	Lower	Upper
105	100	253098		
134	19.7		9.7	29.1

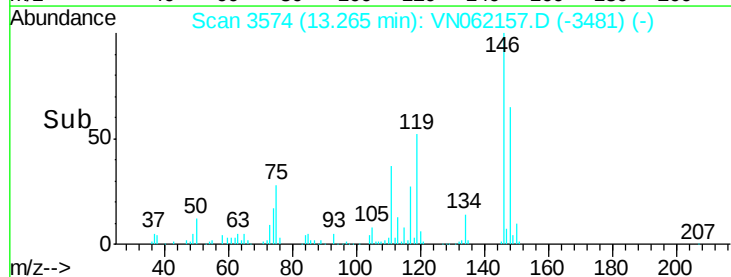
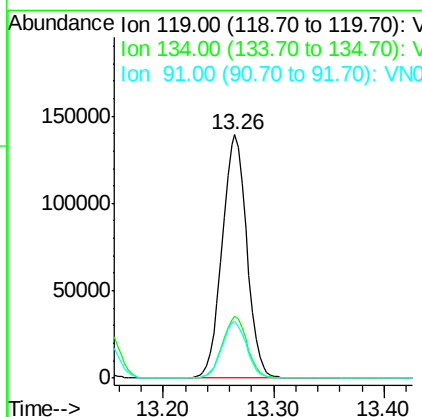
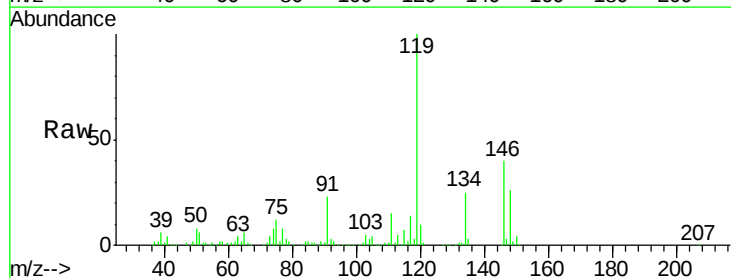
Manual Integrations
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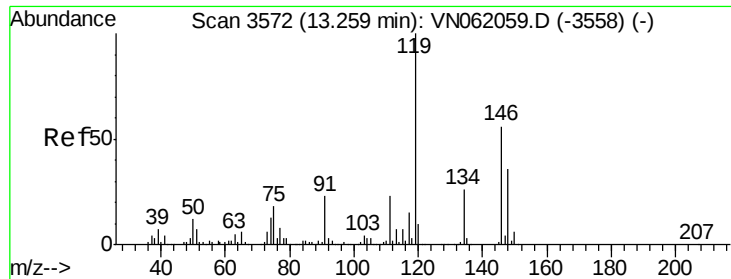
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#86
 p-Isopropyltoluene
 Concen: 19.281 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. -0.00 min
 Lab File: VN062157.D
 Acq: 26 Jun 2020 23:03

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	215713		
134	25.5		13.0	39.0
91	23.5		11.3	33.8





#87

1,3-Dichlorobenzene

Concen: 18.550 ug/l

RT: 13.26 min Scan# 3572

Delta R.T. -0.00 min

Lab File: VN062157.D

Acq: 26 Jun 2020 23:03

Instrument :

MSVOA_N

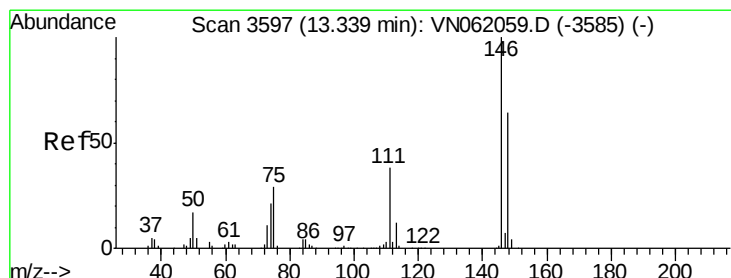
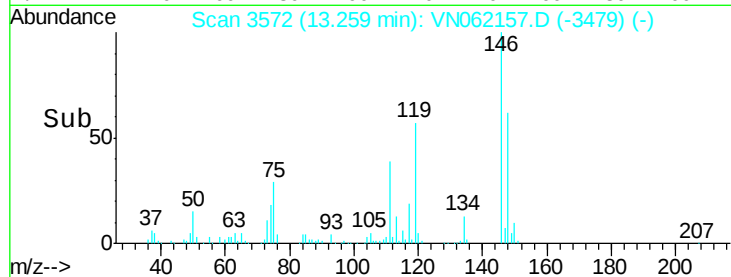
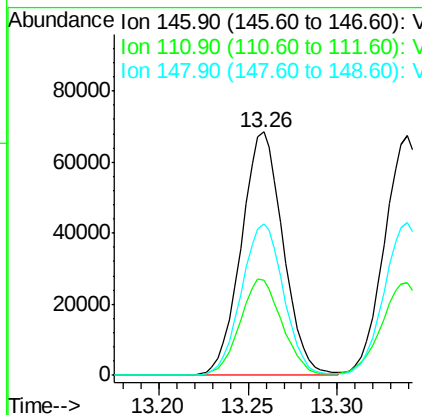
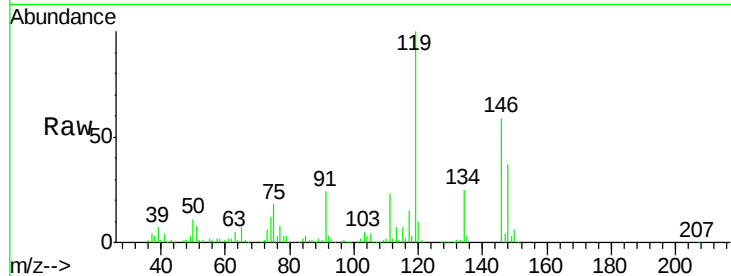
ClientSampleId :

VN0626WBS02

Tot Ion:	146	Resp:	112651
Ion Ratio	Lower	Upper	
146	100		
111	39.8	20.3	61.0
148	62.7	31.8	95.3

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 17.871 ug/l

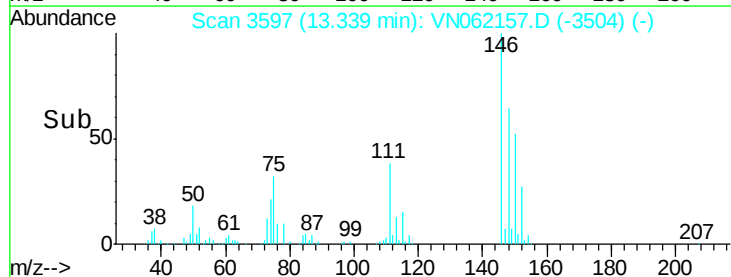
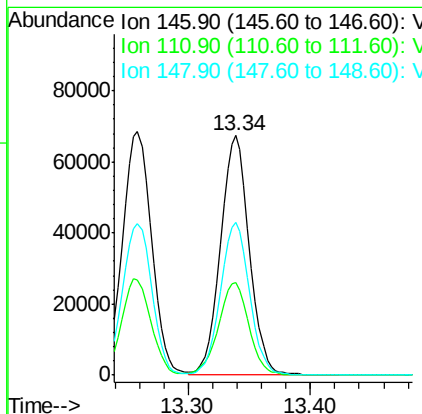
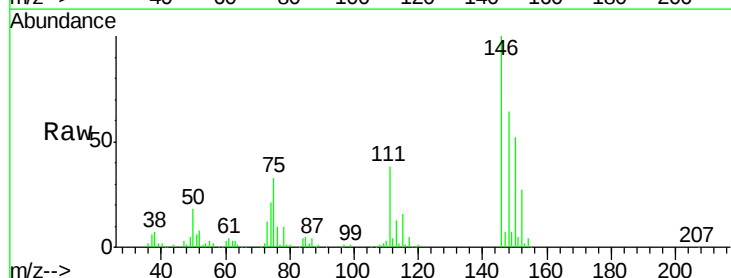
RT: 13.34 min Scan# 3597

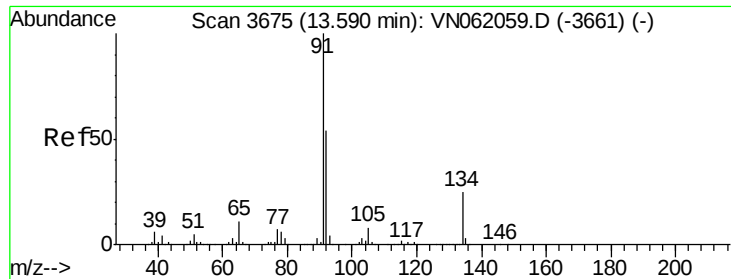
Delta R.T. -0.00 min

Lab File: VN062157.D

Acq: 26 Jun 2020 23:03

Tgt Ion:	146	Resp:	111868
Ion Ratio	Lower	Upper	
146	100		
111	40.9	19.9	59.6
148	64.6	31.9	95.9





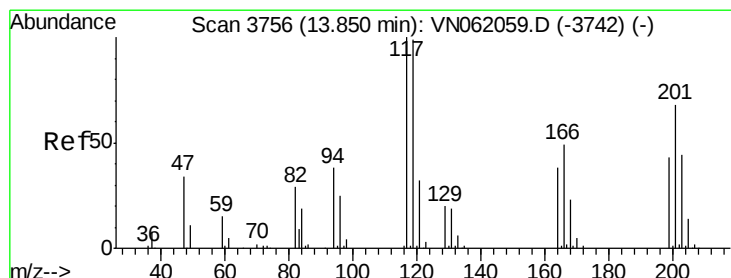
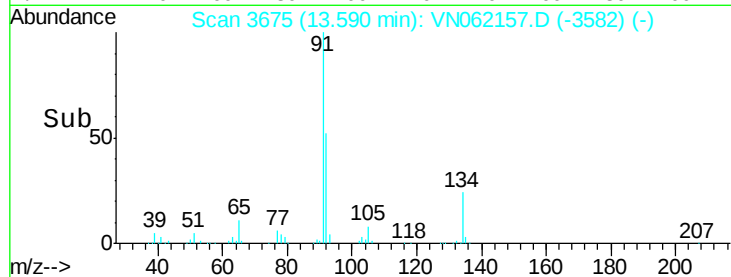
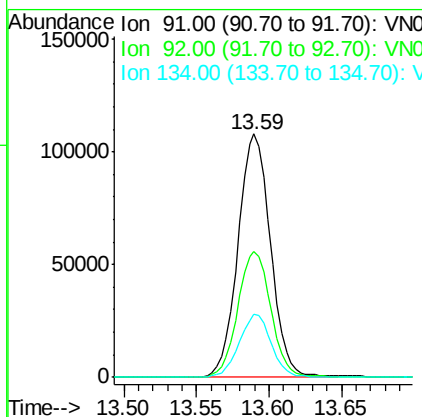
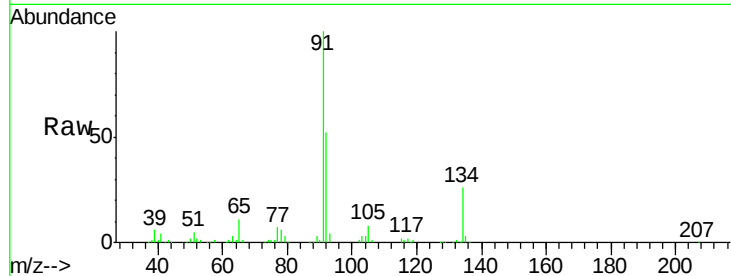
#89
n-Butylbenzene
Concen: 18.104 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062157.D
Acq: 26 Jun 2020 23:03

Instrument :
MSVOA_N
ClientSampleId :
VN0626WBS02

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.7	26.6	79.7
134	25.6	12.3	36.9

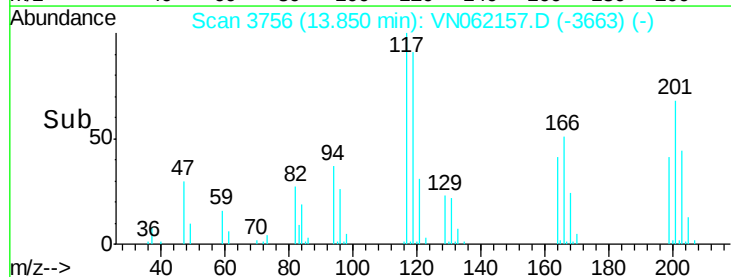
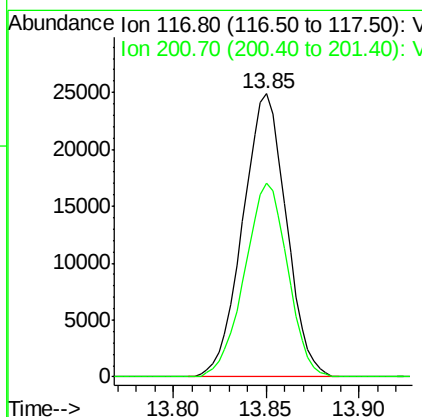
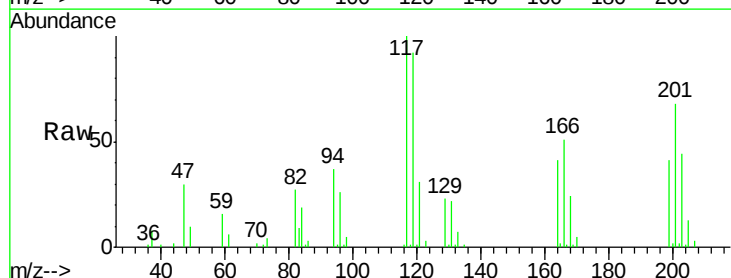
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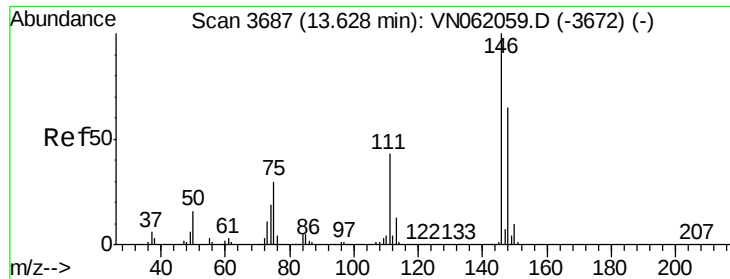
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#90
Hexachloroethane
Concen: 18.494 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN062157.D
Acq: 26 Jun 2020 23:03

Tgt Ion	Ratio	Lower	Upper
117	100		
201	67.6	32.7	98.1





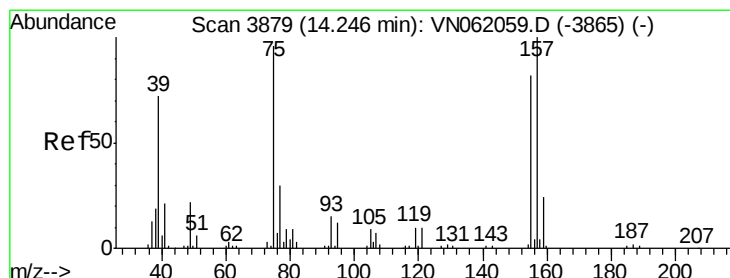
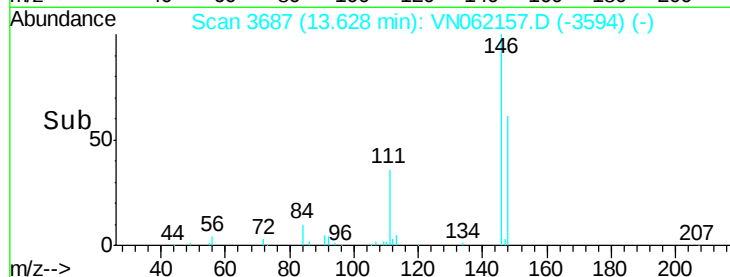
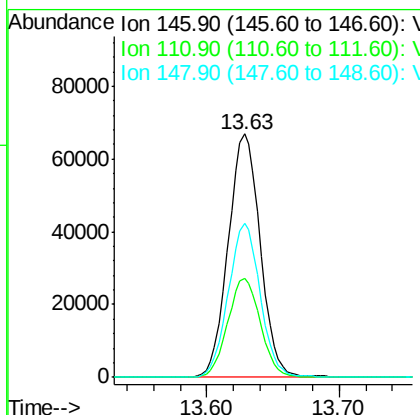
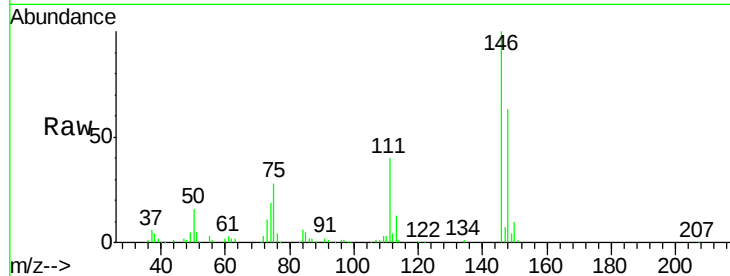
#91
 1,2-Dichlorobenzene
 Concen: 19.069 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062157.D
 Acq: 26 Jun 2020 23:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0626WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.4	21.2	63.6
148	63.1	31.9	95.5

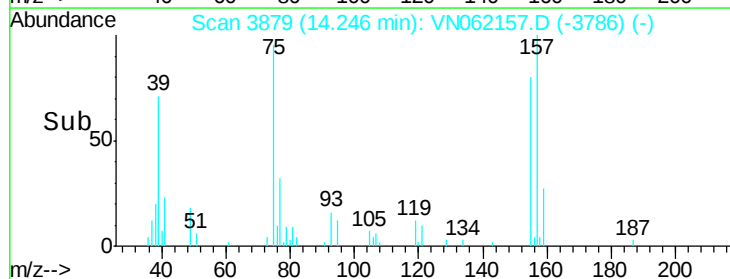
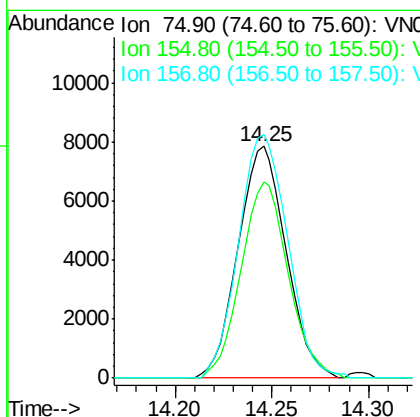
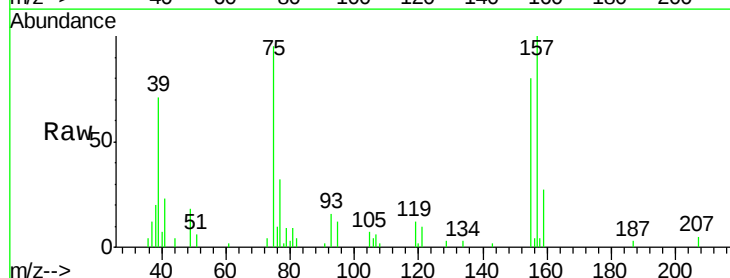
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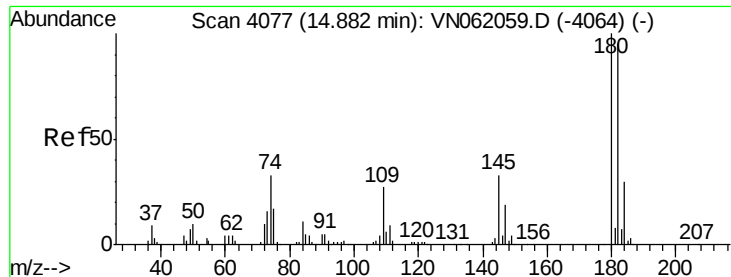
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.302 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. -0.00 min
 Lab File: VN062157.D
 Acq: 26 Jun 2020 23:03

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.2	40.8	122.4
157	107.6	51.4	154.3





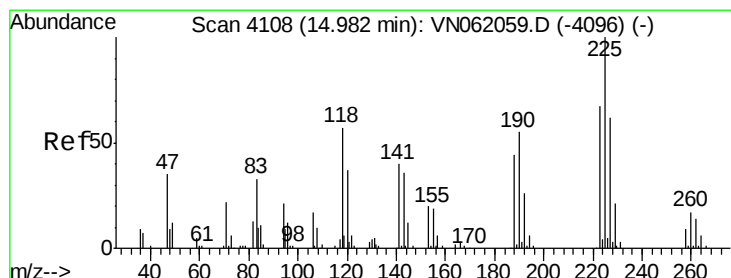
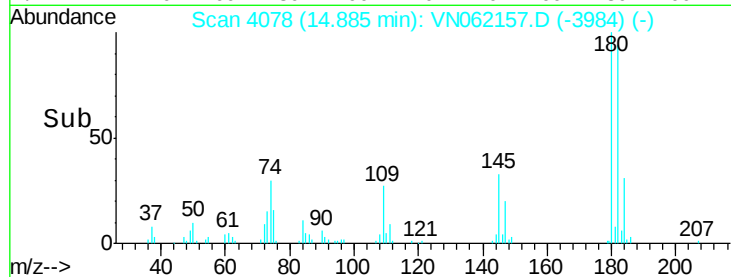
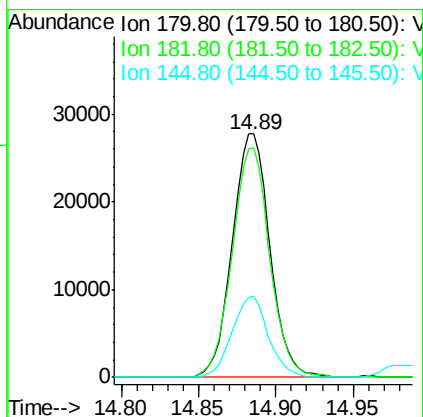
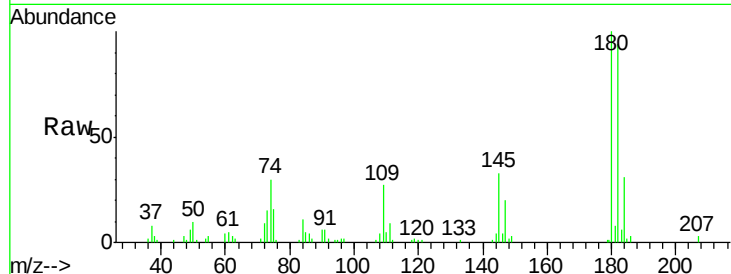
#93
1,2,4-Trichlorobenzene
Concen: 18.172 ug/l
RT: 14.89 min Scan# 4078
Delta R.T. 0.00 min
Lab File: VN062157.D
Acq: 26 Jun 2020 23:03

Instrument :
MSVOA_N
ClientSampleId :
VN0626WBS02

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.1	48.0	144.2
145	32.2	16.0	48.0

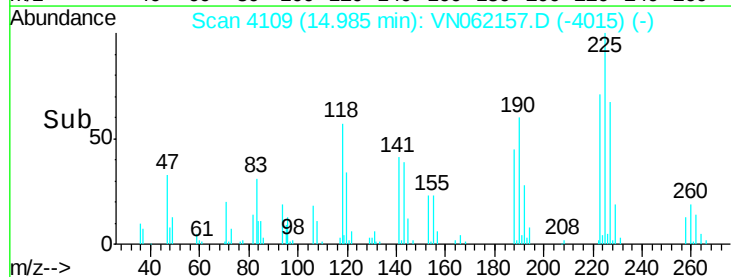
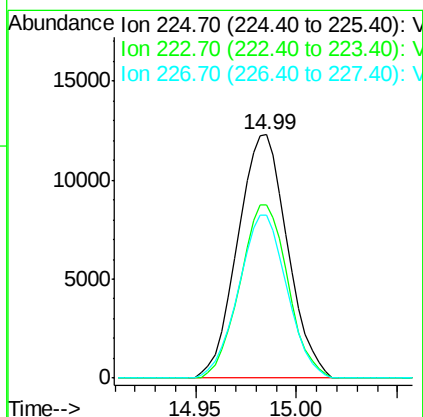
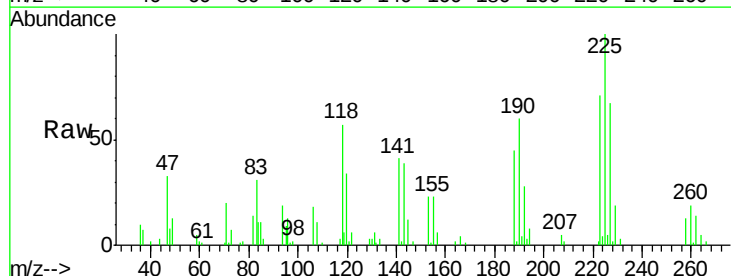
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#94
Hexachlorobutadiene
Concen: 18.980 ug/l
RT: 14.99 min Scan# 4109
Delta R.T. 0.00 min
Lab File: VN062157.D
Acq: 26 Jun 2020 23:03

Tgt Ion	Ratio	Lower	Upper
225	100		
223	68.3	32.9	98.7
227	65.1	31.3	93.8





#95

Naphthalene

Concen: 18.623 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN062157.D

Acq: 26 Jun 2020 23:03

Instrument :

MSVOA_N

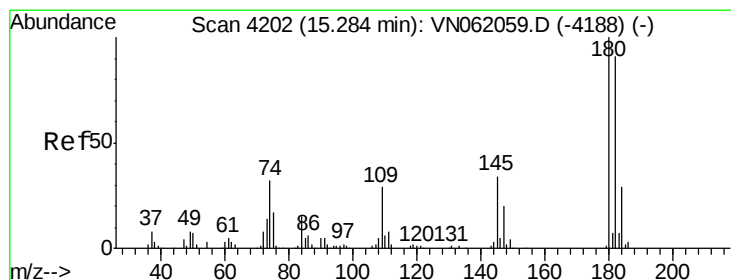
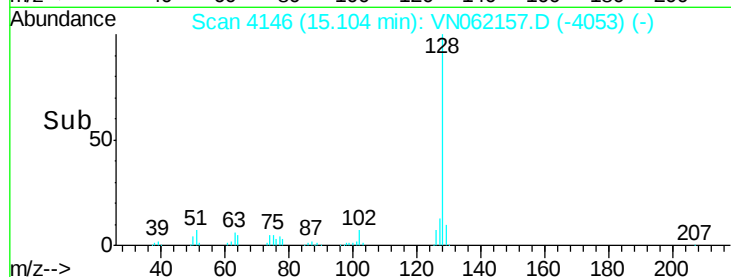
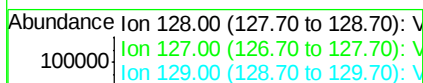
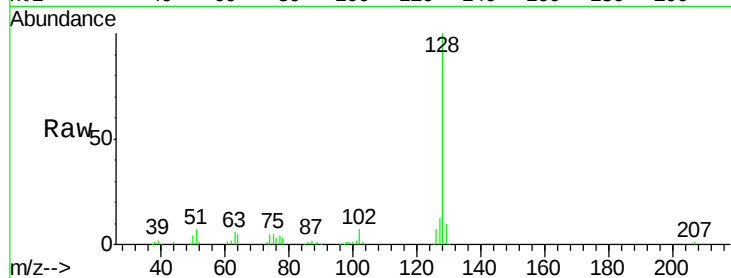
ClientSampleId :

VN0626WBS02

Tot Ion:	128	Resp:	136370
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.5	15.7
129	10.5	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
6/29/2020 12:35:52 PM



#96

1,2,3-Trichlorobenzene

Concen: 18.737 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. -0.00 min

Lab File: VN062157.D

Acq: 26 Jun 2020 23:03

Tgt Ion:	180	Resp:	49287
Ion Ratio	Lower	Upper	
180	100		
182	96.7	46.8	140.4
145	33.9	16.4	49.2

