

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082620\
 Data File : VN063131.D
 Acq On : 26 Aug 2020 14:25
 Operator : JC/MD
 Sample : VN0826WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0826WBS01

Manual Integrations
 APPROVED

MMDadoda
 8/27/2020 1:28:16 PM

Quant Time: Aug 26 16:01:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 06:09:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	194157	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	297679	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	275738	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	135482	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	119283	51.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.68%	
35) Dibromofluoromethane	7.55	113	100492	51.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.62%	
50) Toluene-d8	10.06	98	384568	51.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.24%	
62) 4-Bromofluorobenzene	12.38	95	134564	51.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	47698	18.976	ug/l	98
3) Chloromethane	2.03	50	50780	19.075	ug/l	97
4) Vinyl Chloride	2.17	62	51119	19.856	ug/l	98
5) Bromomethane	2.55	94	30191	19.757	ug/l	98
6) Chloroethane	2.68	64	31137	20.484	ug/l	98
7) Trichlorofluoromethane	2.99	101	64561	20.109	ug/l	99
8) Diethyl Ether	3.38	74	21486	18.917	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	34442	19.908	ug/l	98
10) Methyl Iodide	3.91	142	41265	18.818	ug/l	99
11) Tert butyl alcohol	4.73	59	23760	72.896	ug/l	99
12) 1,1-Dichloroethene	3.70	96	29786	18.073	ug/l	98
13) Acrolein	3.57	56	725	7.100	ug/l #	75
14) Allyl chloride	4.28	41	54165	18.640	ug/l	99
15) Acrylonitrile	4.93	53	88382	92.256	ug/l	98
16) Acetone	3.78	43	64284	87.028	ug/l	99
17) Carbon Disulfide	4.01	76	71389	16.540	ug/l	98
18) Methyl Acetate	4.28	43	41223	18.027	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	114769	19.968	ug/l	100
20) Methylene Chloride	4.51	84	42297	20.048	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	32352	18.758	ug/l	98
22) Diisopropyl ether	5.91	45	137585	20.865	ug/l	100
23) Vinyl Acetate	5.85	43	405975	91.234	ug/l	99
24) 1,1-Dichloroethane	5.80	63	72777	19.750	ug/l	98
25) 2-Butanone	6.79	43	104832	85.810	ug/l	99
26) 2,2-Dichloropropane	6.78	77	57100	19.704	ug/l	100
27) cis-1,2-Dichloroethene	6.79	96	41260	19.086	ug/l	98
28) Bromochloromethane	7.15	49	39764	20.624	ug/l	97
29) Tetrahydrofuran	7.17	42	70434	89.330	ug/l	99
30) Chloroform	7.33	83	73029	19.678	ug/l	97
31) Cyclohexane	7.62	56	64594	19.046	ug/l	94
32) 1,1,1-Trichloroethane	7.53	97	60049	19.820	ug/l	99
36) 1,1-Dichloropropene	7.75	75	48073	18.325	ug/l	99
37) Ethyl Acetate	6.89	43	42619	17.338	ug/l	99
38) Carbon Tetrachloride	7.73	117	50070	18.906	ug/l	96

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	57778	17.366	ug/l	96
40) Benzene	8.00	78	157989	18.989	ug/l	98
41) Methacrylonitrile	7.12	41	20764	17.730	ug/l	96
42) 1,2-Dichloroethane	8.09	62	53254	19.062	ug/l	99
43) Isopropyl Acetate	8.13	43	72940	17.911	ug/l	99
44) Trichloroethene	8.80	130	40152	19.401	ug/l	98
45) 1,2-Dichloropropane	9.09	63	46371	19.281	ug/l	98
46) Dibromomethane	9.18	93	26642	19.176	ug/l	99
47) Bromodichloromethane	9.37	83	59626	19.594	ug/l	98
48) Methyl methacrylate	9.17	41	34222	17.761	ug/l	98
49) 1,4-Dioxane	9.17	88	11624	285.253	ug/l	94
51) 4-Methyl-2-Pentanone	9.95	43	232403	90.288	ug/l	100
52) Toluene	10.12	92	97691	19.464	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	61588	19.571	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	68131	19.736	ug/l	99
55) 1,1,2-Trichloroethane	10.54	97	41634	19.400	ug/l	98
56) Ethyl methacrylate	10.40	69	54954	17.743	ug/l	98
57) 1,3-Dichloropropane	10.68	76	67137	18.839	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	127868	163.135	ug/l	100
59) 2-Hexanone	10.72	43	160759	89.537	ug/l	98
60) Dibromochloromethane	10.87	129	44962	18.931	ug/l	99
61) 1,2-Dibromoethane	10.98	107	39432	19.122	ug/l	99
64) Tetrachloroethene	10.60	164	41597	22.949	ug/l	100
65) Chlorobenzene	11.41	112	107624	19.434	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	42498	19.730	ug/l	99
67) Ethyl Benzene	11.48	91	183897	19.653	ug/l	100
68) m/p-Xylenes	11.60	106	138753	39.897	ug/l	99
69) o-Xylene	11.92	106	66561	19.930	ug/l	99
70) Styrene	11.94	104	119644	19.282	ug/l	99
71) Bromoform	12.10	173	32559	18.990	ug/l #	98
73) Isopropylbenzene	12.22	105	180157	19.418	ug/l	100
74) N-amyl acetate	12.05	43	64720	19.477	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	56877	17.917	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	48345m	18.358	ug/l	
77) Bromobenzene	12.50	156	49363	19.345	ug/l	99
78) n-propylbenzene	12.57	91	211420	19.992	ug/l	100
79) 2-Chlorotoluene	12.65	91	128608	19.335	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	157742	20.567	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	18428	19.219	ug/l	99
82) 4-Chlorotoluene	12.75	91	135960	20.074	ug/l	100
83) tert-Butylbenzene	12.97	119	131922	19.929	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	155950	20.872	ug/l	100
85) sec-Butylbenzene	13.15	105	174813	19.540	ug/l	99
86) p-Isopropyltoluene	13.26	119	157856	20.250	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	87469	19.946	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	89875	20.192	ug/l	99
89) n-Butylbenzene	13.59	91	136791	20.260	ug/l	99
90) Hexachloroethane	13.85	117	27788	16.772	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	88343	20.855	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	9841	21.061	ug/l	98

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Wed Aug 19 06:09:27 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	55632	26.084	ug/l	98
94) Hexachlorobutadiene	14.99	225	25919	16.559	ug/l	98
95) Naphthalene	15.10	128	138633	28.394	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	53877	25.516	ug/l	98

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

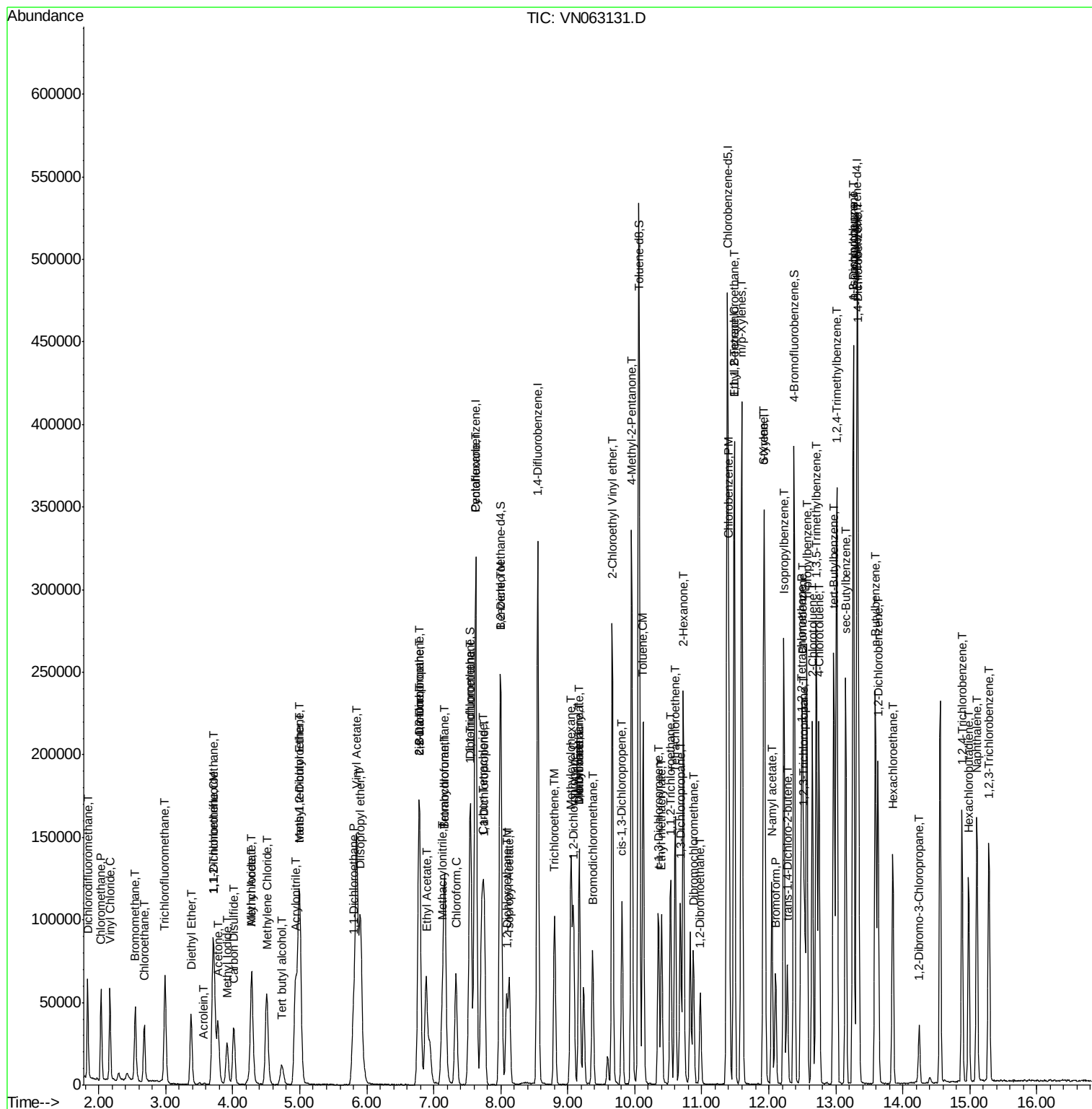
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Data File : VN063131.D
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Operator : JC/MD
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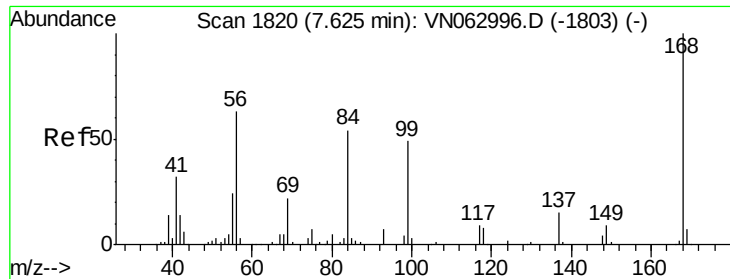
Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS01

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VN063131.D

Acq: 26 Aug 2020 14:25

Instrument :

MSVOA_N

ClientSampleId :

VN0826WBS01

Tot Ion:168 Resp: 194157

Ion Ratio Lower Upper

168 100

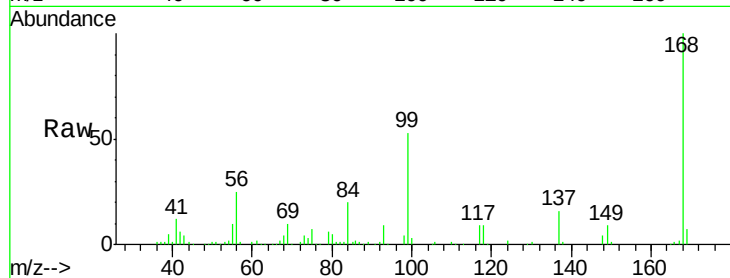
99 52.5 42.0 63.0

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

80000

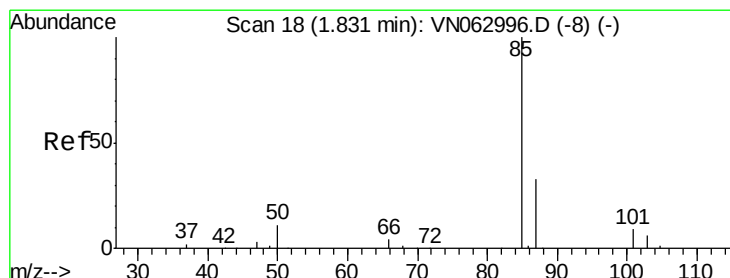
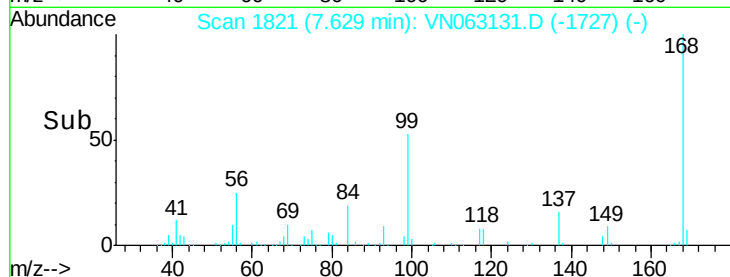
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.976 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN063131.D

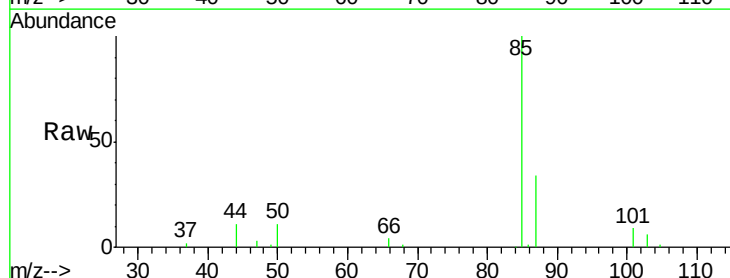
Acq: 26 Aug 2020 14:25

Tgt Ion: 85 Resp: 47698

Ion Ratio Lower Upper

85 100

87 34.0 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

40000

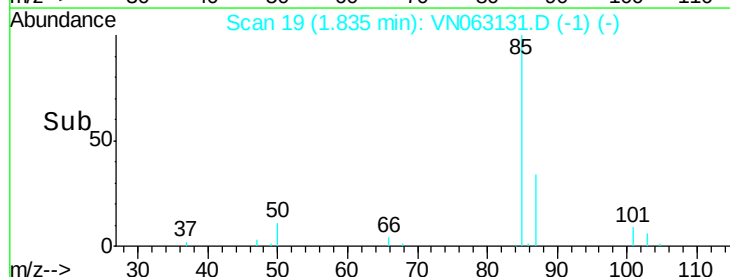
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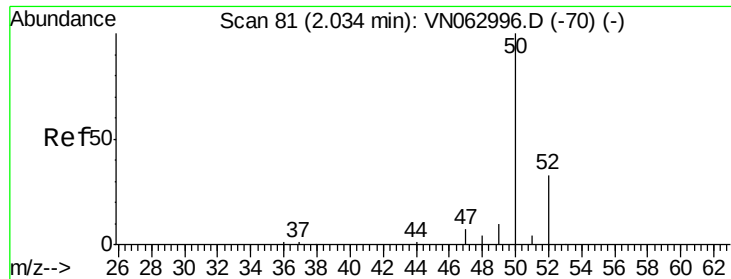
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Time-->





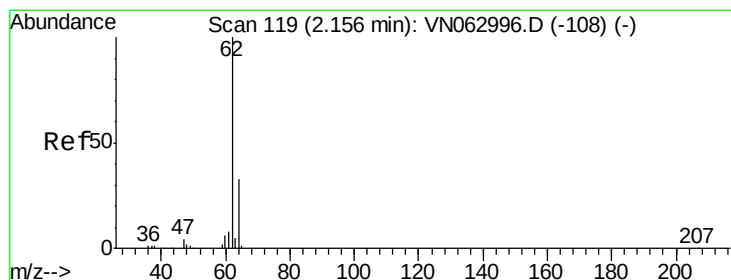
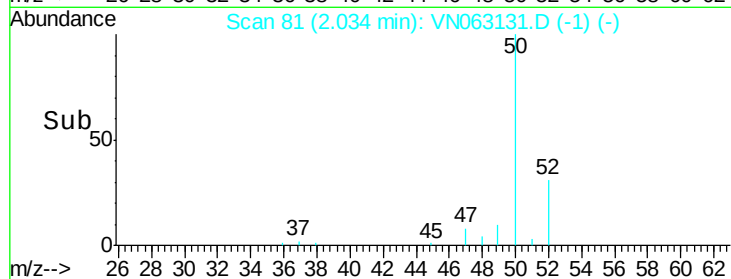
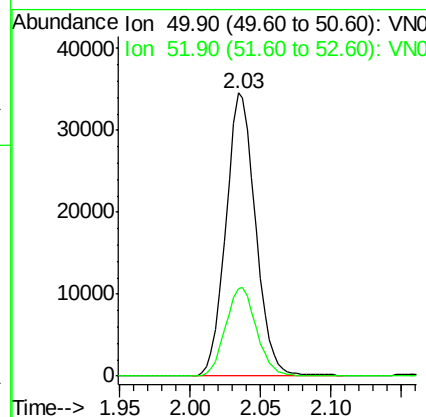
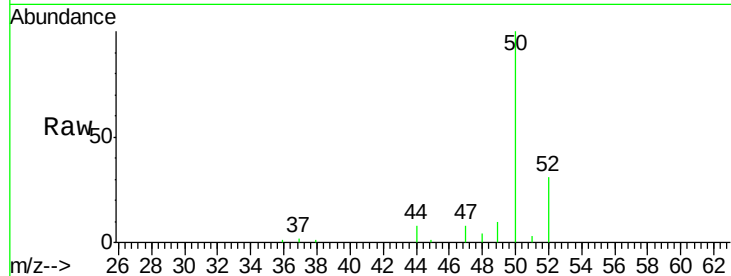
#3
Chloromethane
Concen: 19.075 ug/l
RT: 2.03 min Scan# 81
Delta R.T. 0.00 min
Lab File: VN063131.D
Acq: 26 Aug 2020 14:25

Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS01

Tot Ion	Ratio	Lower	Upper
50	100		
52	31.0	26.0	39.0

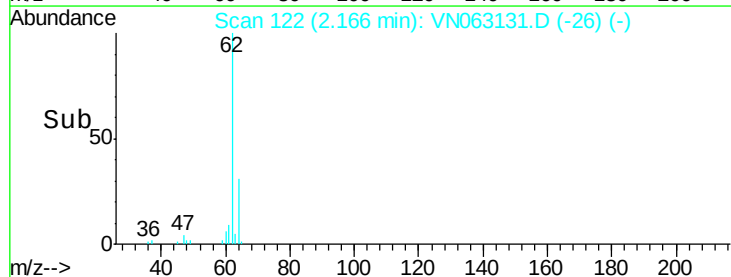
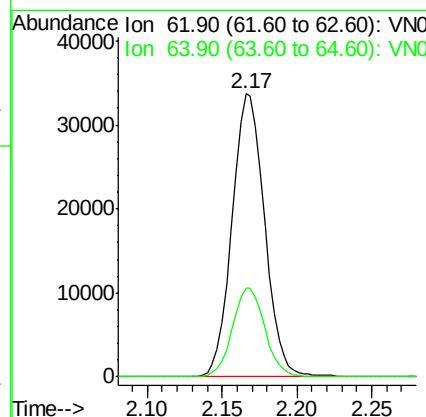
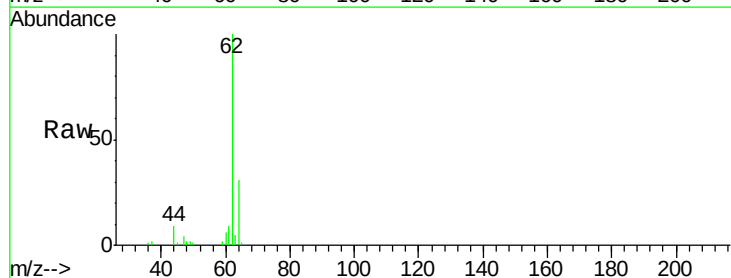
Manual Integrations
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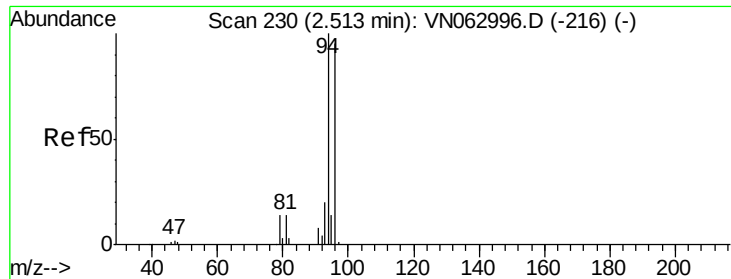
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#4
Vinyl Chloride
Concen: 19.856 ug/l
RT: 2.17 min Scan# 122
Delta R.T. 0.01 min
Lab File: VN063131.D
Acq: 26 Aug 2020 14:25

Tgt Ion	Ratio	Lower	Upper
62	100		
64	31.5	26.2	39.2





#5

Bromomethane

Concen: 19.757 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.03 min

Lab File: VN063131.D

Acq: 26 Aug 2020 14:25

Instrument :

MSVOA_N

ClientSampleId :

VN0826WBS01

Tot Ion: 94 Resp: 30191

Ion Ratio Lower Upper

94 100

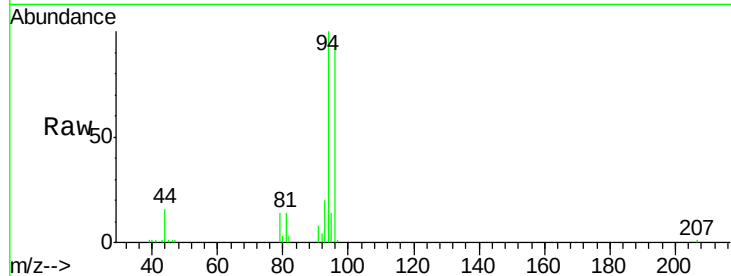
96 92.8 75.8 113.8

Manual Integrations

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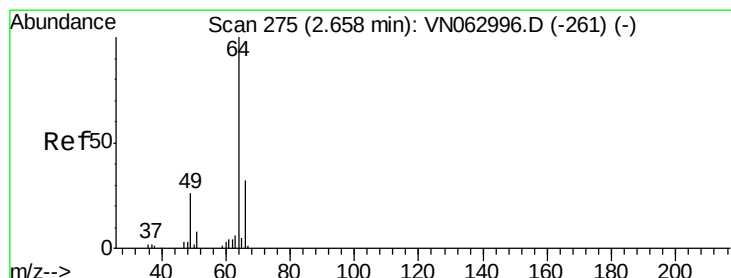
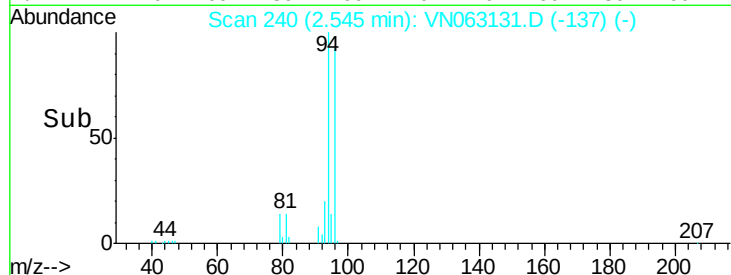
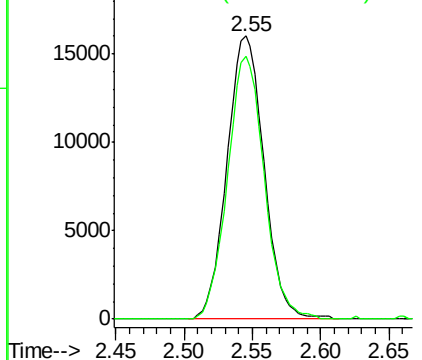
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 20.484 ug/l

RT: 2.68 min Scan# 282

Delta R.T. 0.02 min

Lab File: VN063131.D

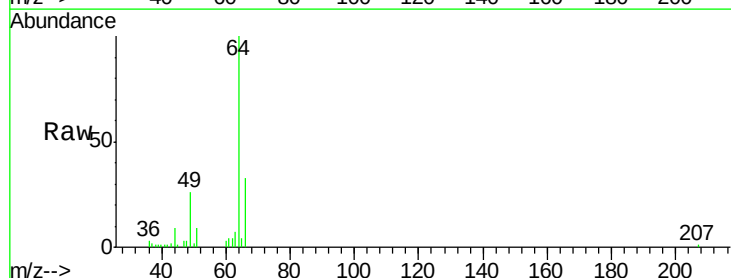
Acq: 26 Aug 2020 14:25

Tgt Ion: 64 Resp: 31137

Ion Ratio Lower Upper

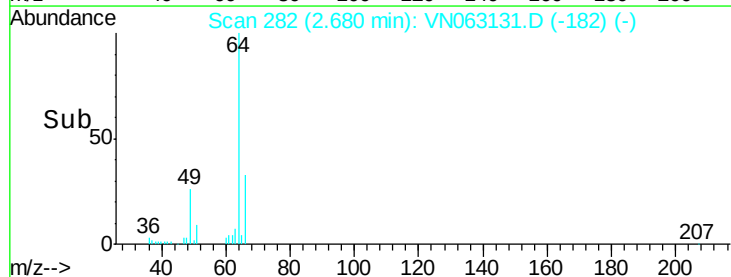
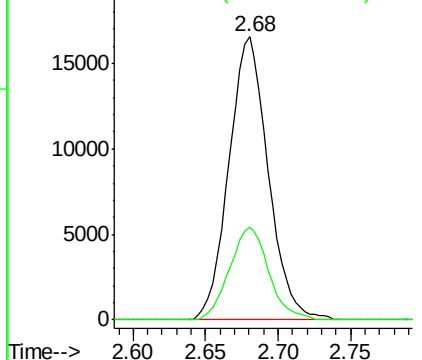
64 100

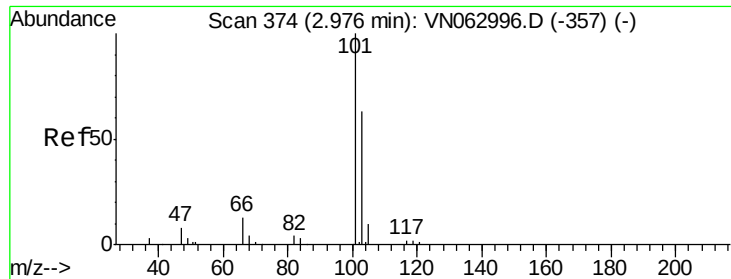
66 32.8 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

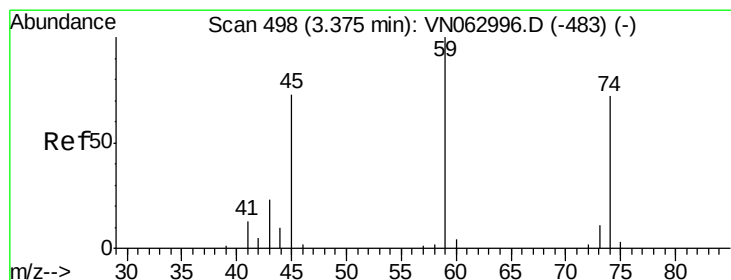
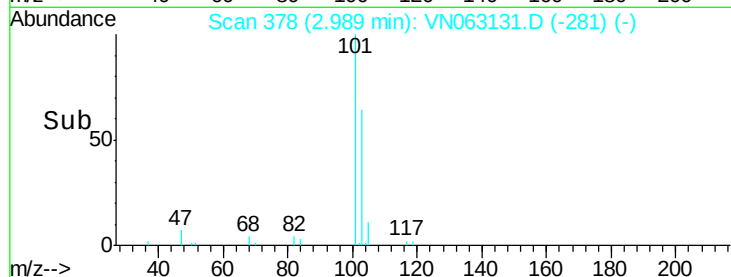
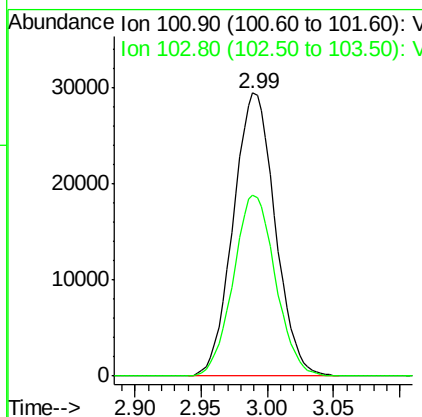
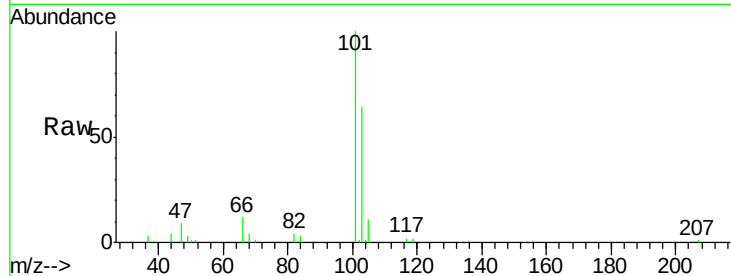
Trichlorofluoromethane
 Concen: 20.109 ug/l
 RT: 2.99 min Scan# 378
 Delta R.T. 0.01 min
 Lab File: VN063131.D
 Acq: 26 Aug 2020 14:25

Instrument :
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 ClientSampleId :
 VN0826WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.1	50.5	75.7

Manual Integrations
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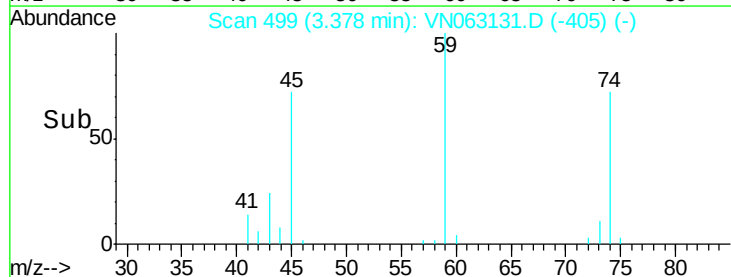
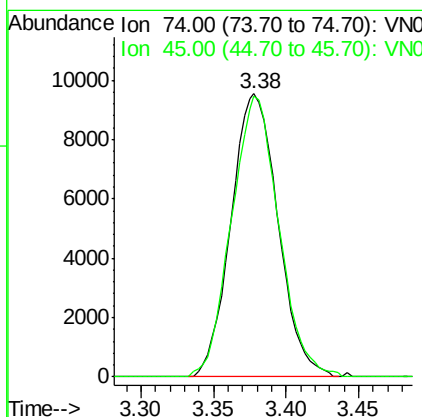
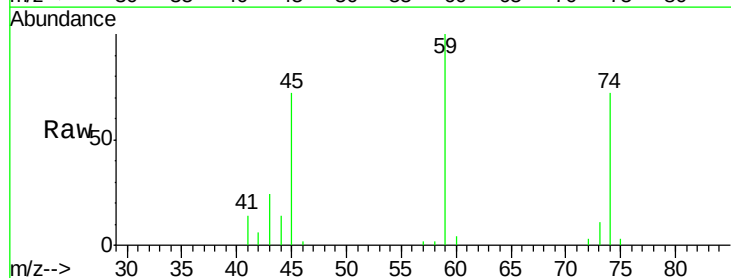
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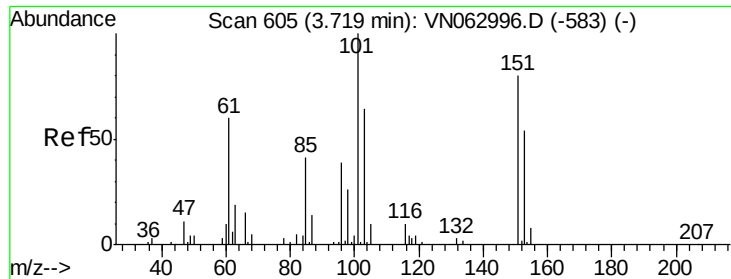


#8

Diethyl Ether
 Concen: 18.917 ug/l
 RT: 3.38 min Scan# 499
 Delta R.T. 0.00 min
 Lab File: VN063131.D
 Acq: 26 Aug 2020 14:25

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.9	49.9	149.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.908 ug/l

RT: 3.72 min Scan# 606

Delta R.T. 0.00 min

Lab File: VN063131.D

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Instrument :

MSVOA_N

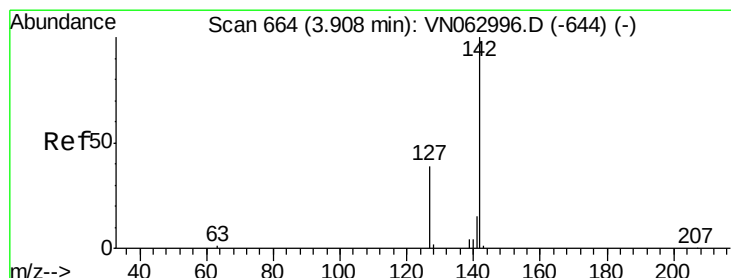
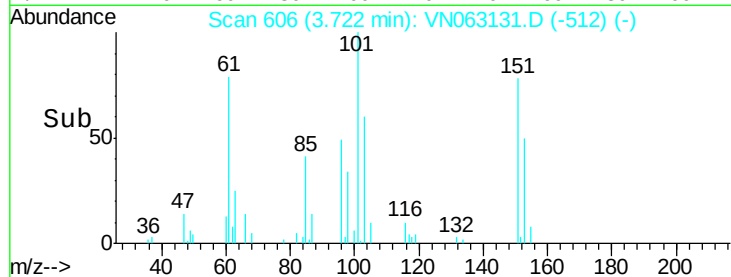
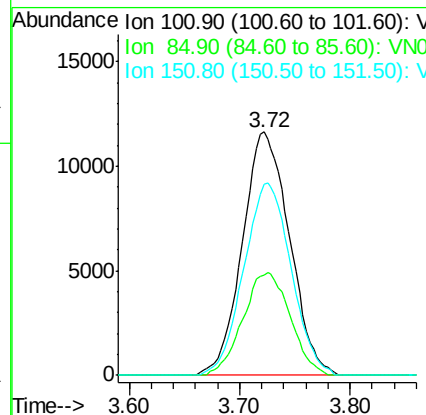
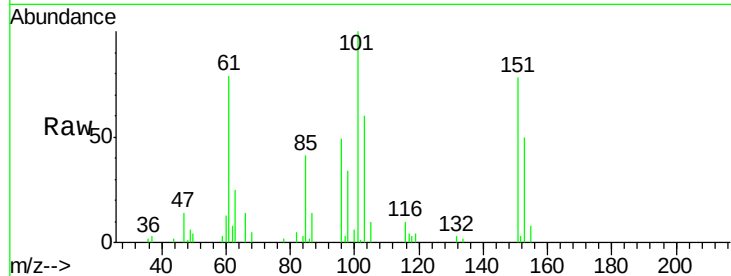
ClientSampleId :

VN0826WBS01

Tot Ion:	101	Resp:	34442
Ion Ratio	Lower	Upper	
101	100		
85	42.2	34.0	51.0
151	79.4	65.8	98.8

Manual Integrations
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MMDadoda
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#10

Methyl Iodide

Concen: 18.818 ug/l

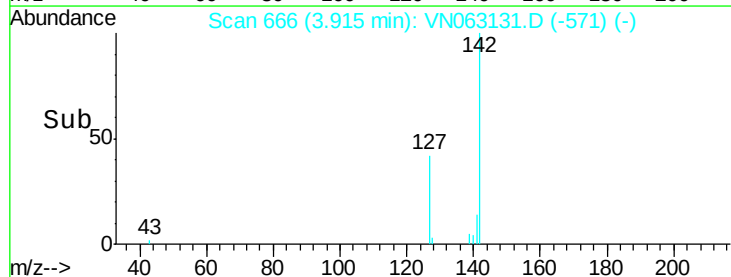
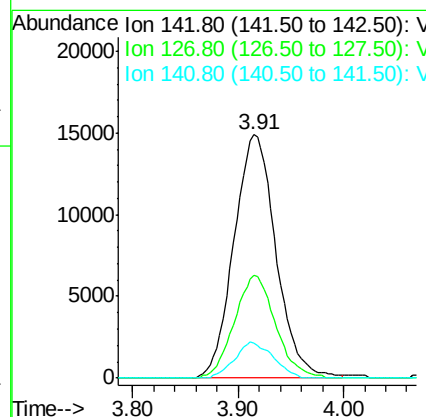
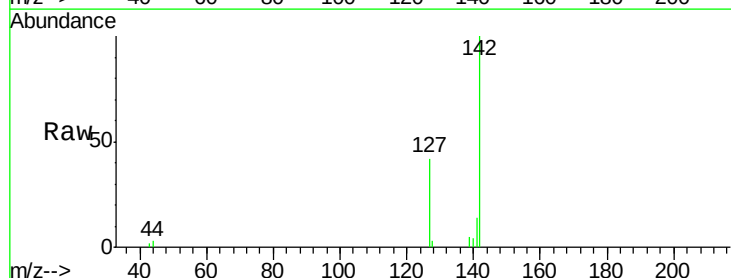
RT: 3.91 min Scan# 666

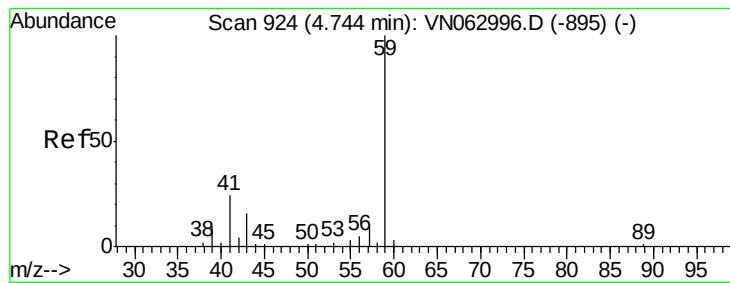
Delta R.T. 0.01 min

Lab File: VN063131.D

Acq: 26 Aug 2020 14:25

Tgt Ion:	142	Resp:	41265
Ion Ratio	Lower	Upper	
142	100		
127	41.1	32.2	48.4
141	13.5	11.3	16.9





#11

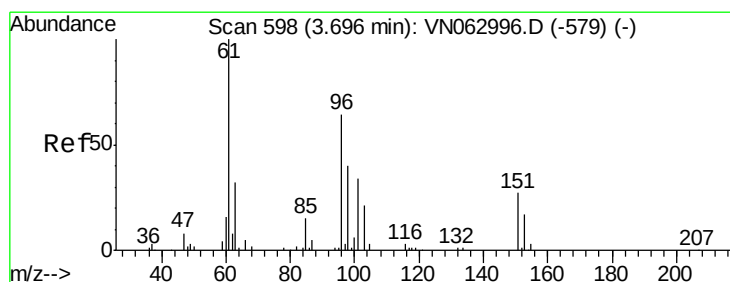
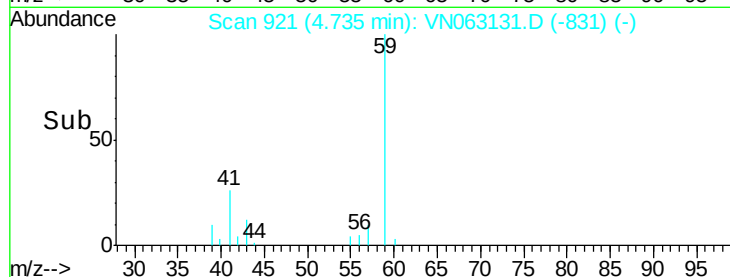
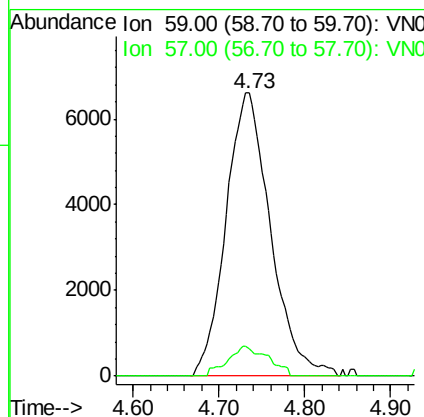
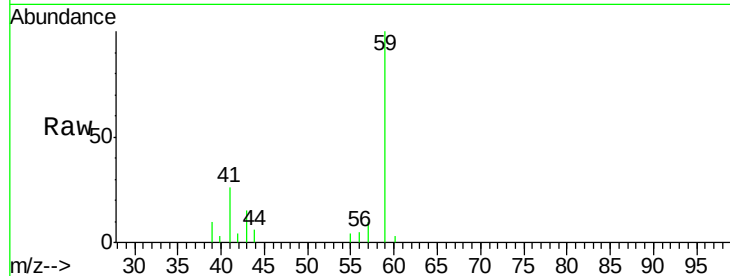
Tert butyl alcohol
 Concen: 72.896 ug/l
 RT: 4.73 min Scan# 921
 Delta R.T. -0.01 min
 Lab File: VN063131.D
 Acq: 26 Aug 2020 14:25

Instrument :
 MSVOA_N
 ClientSampled :
 VN0826WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.4	7.8	11.6

Manual Integrations
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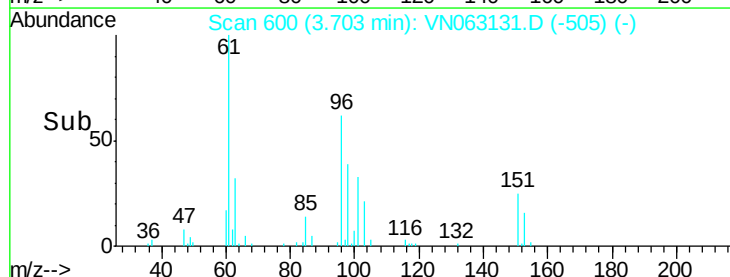
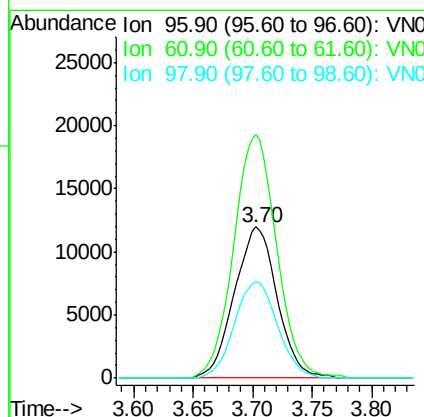
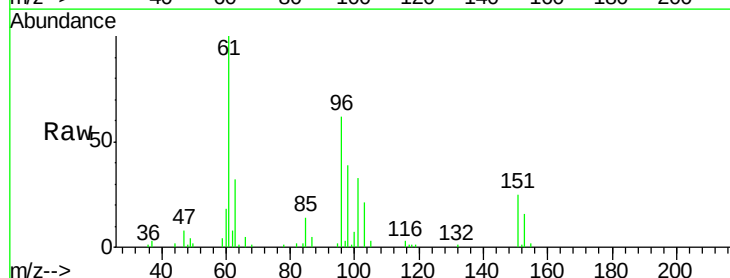
MMDadoda
 8/27/2020 1:28:16 PM

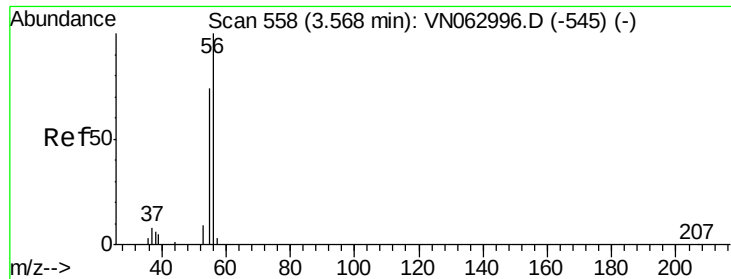


#12

1,1-Dichloroethene
 Concen: 18.073 ug/l
 RT: 3.70 min Scan# 600
 Delta R.T. 0.01 min
 Lab File: VN063131.D
 Acq: 26 Aug 2020 14:25

Tgt Ion	Ratio	Lower	Upper
96	100		
61	160.9	125.5	188.3
98	63.3	50.4	75.6





#13

Acrolein

Concen: 7.100 ug/l

RT: 3.57 min Scan# 559

Delta R.T. 0.00 min

Lab File: VN063131.D

Acq: 26 Aug 2020 14:25

Instrument :

MSVOA_N

ClientSampleId :

VN0826WBS01

Tot Ion: 56 Resp: 725

Ion Ratio Lower Upper

56 100

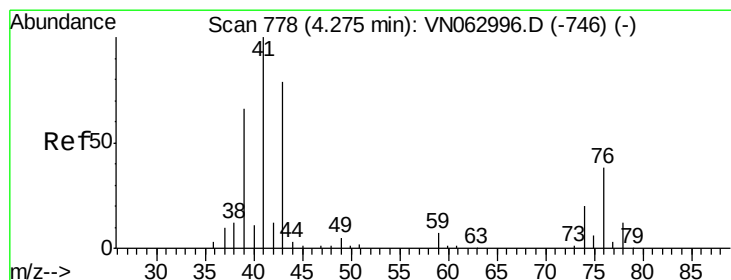
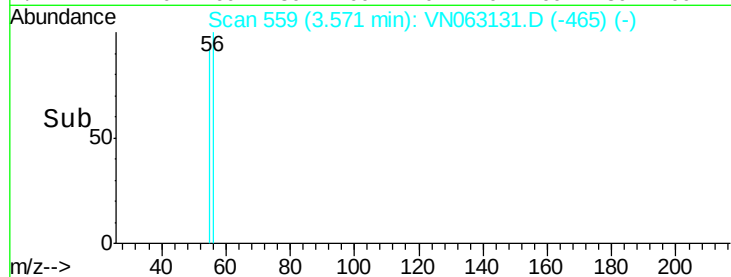
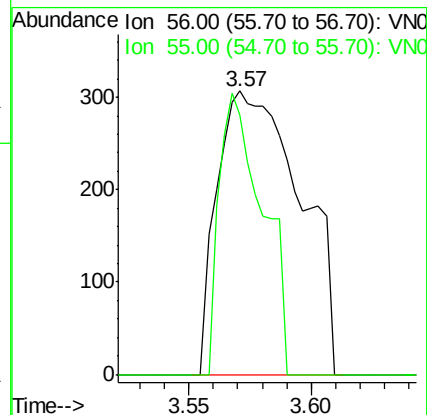
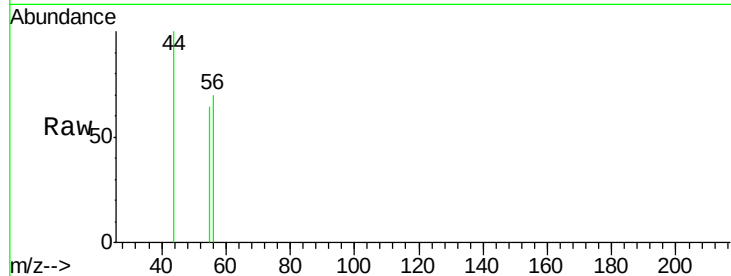
55 52.1 58.4 87.6#

Manual Integrations

APPROVED

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8/27/2020 1:28:16 PM



#14

Allyl chloride

Concen: 18.640 ug/l

RT: 4.28 min Scan# 780

Delta R.T. 0.01 min

Lab File: VN063131.D

Acq: 26 Aug 2020 14:25

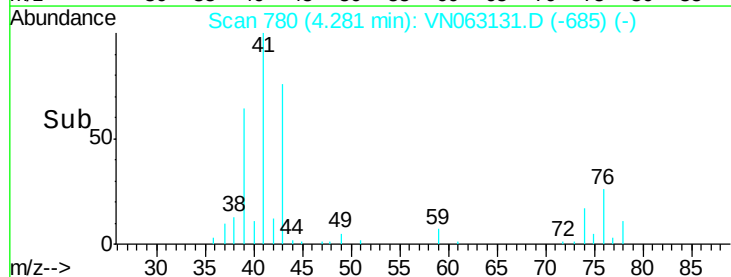
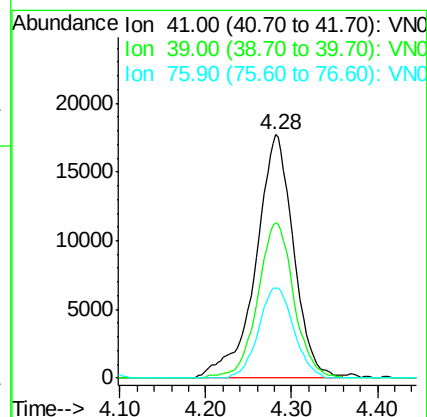
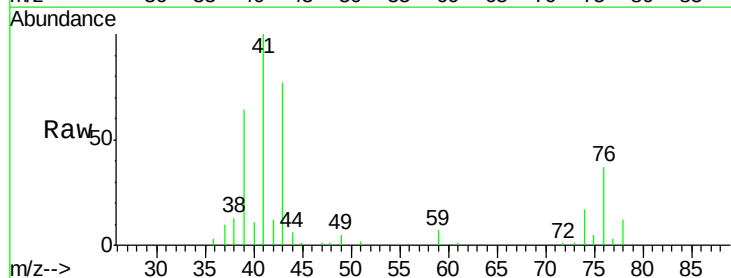
Tgt Ion: 41 Resp: 54165

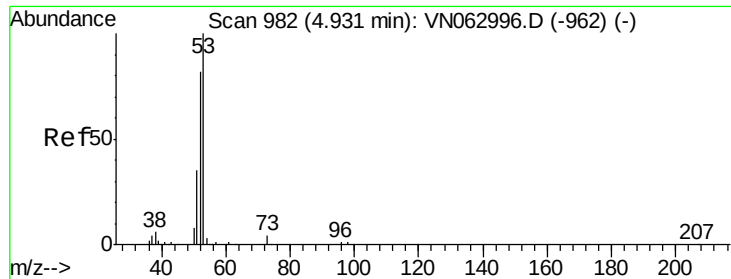
Ion Ratio Lower Upper

41 100

39 61.1 47.9 71.9

76 34.5 27.0 40.6





#15

Acrylonitrile

Concen: 92.256 ug/l

RT: 4.93 min Scan# 983

Delta R.T. 0.00 min

Lab File: VN063131.D

Acq: 26 Aug 2020 14:25

Instrument :

MSVOA_N

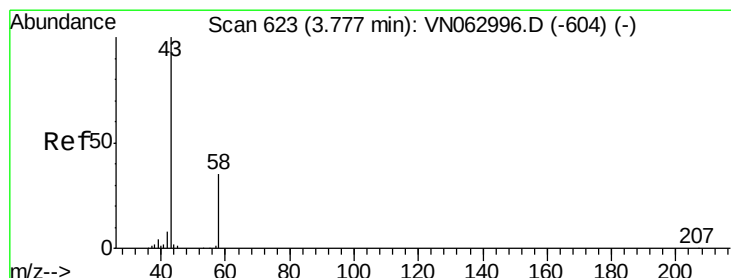
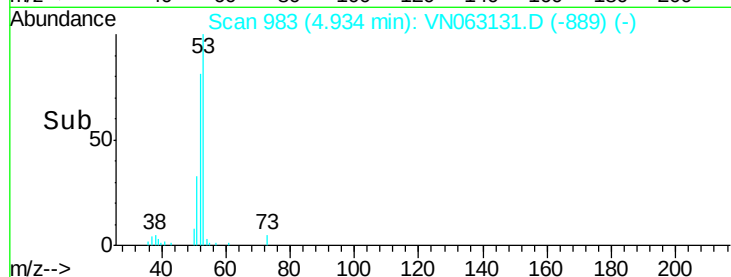
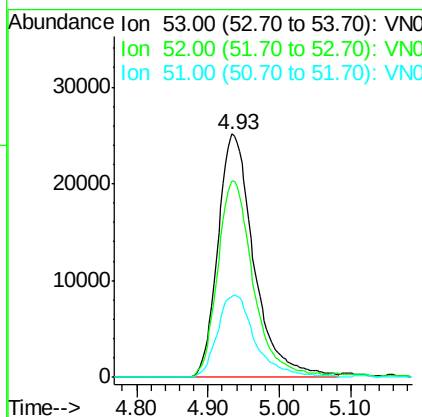
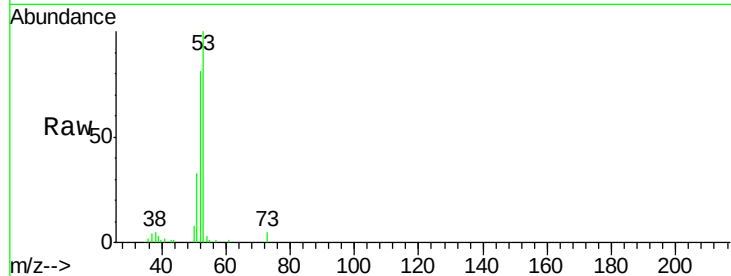
ClientSampleId :

VN0826WBS01

Tot Ion:	53	Resp:	88382
Ion Ratio	Lower	Upper	
53	100		
52	79.4	65.6	98.4
51	35.3	28.2	42.4

Manual Integrations
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#16

Acetone

Concen: 87.028 ug/l

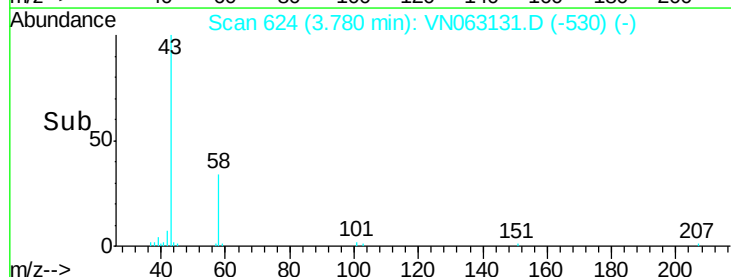
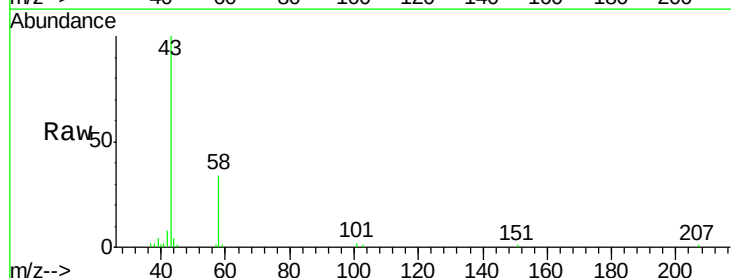
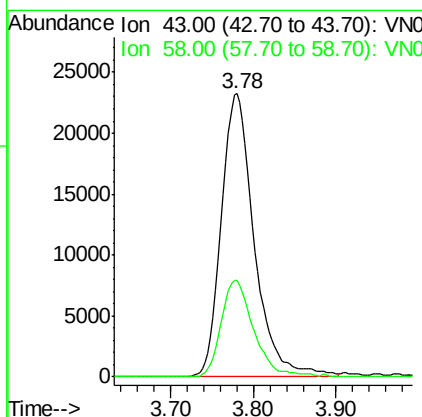
RT: 3.78 min Scan# 624

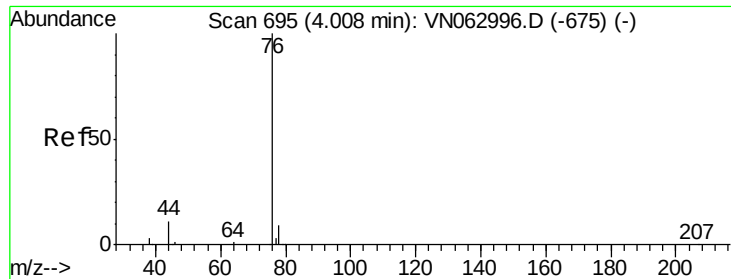
Delta R.T. 0.00 min

Lab File: VN063131.D

Acq: 26 Aug 2020 14:25

Tgt Ion:	43	Resp:	64284
Ion Ratio	Lower	Upper	
43	100		
58	33.9	27.8	41.6





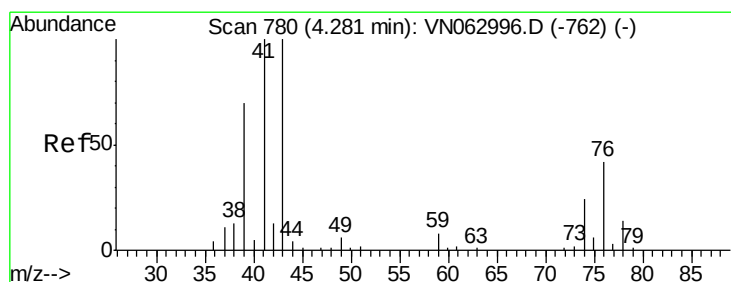
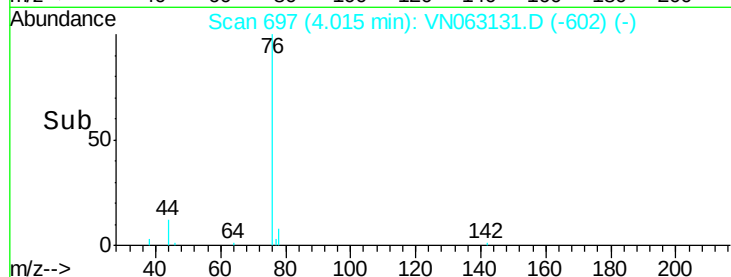
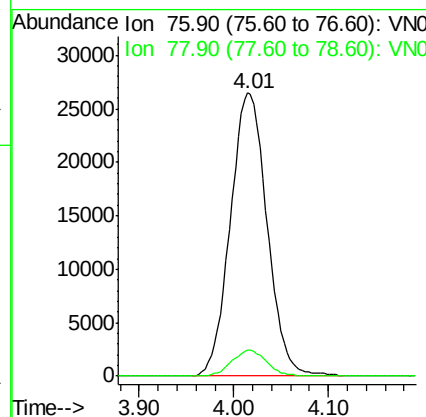
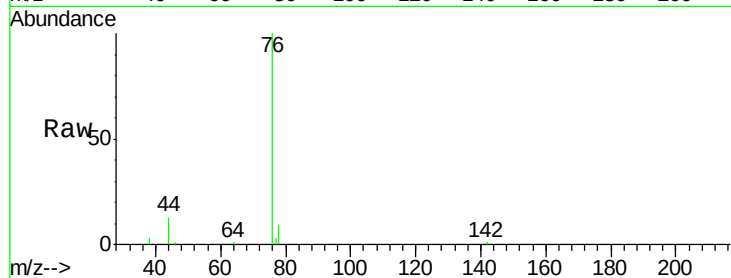
#17
Carbon Disulfide
Concen: 16.540 ug/l
RT: 4.01 min Scan# 697
Delta R.T. 0.01 min
Lab File: VN063131.D
Acq: 26 Aug 2020 14:25

Instrument :
MSVOA_N
ClientSampled :
VN0826WBS01

Tot Ion: 76 Resp: 71389
Ion Ratio Lower Upper
76 100
78 9.2 6.9 10.3

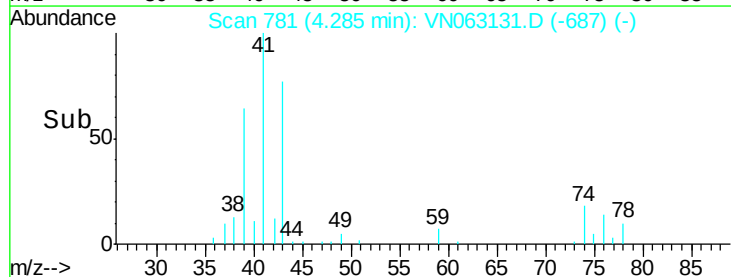
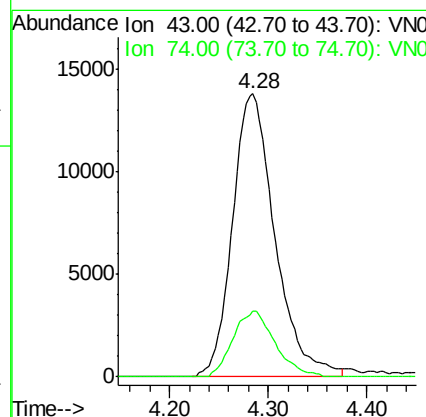
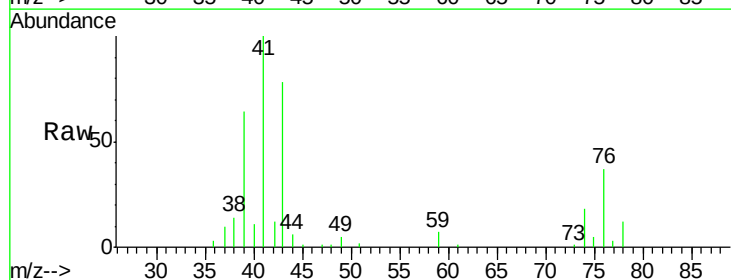
Manual Integrations
APPROVED

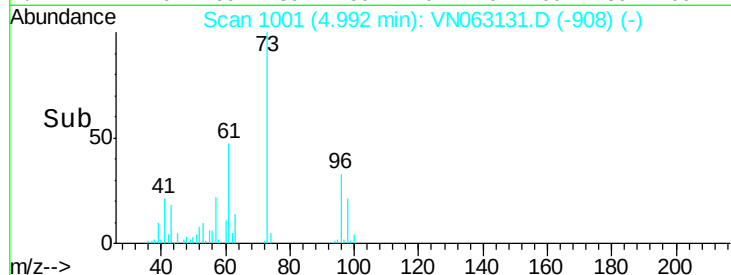
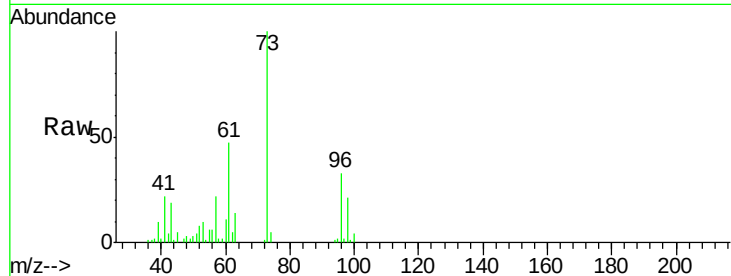
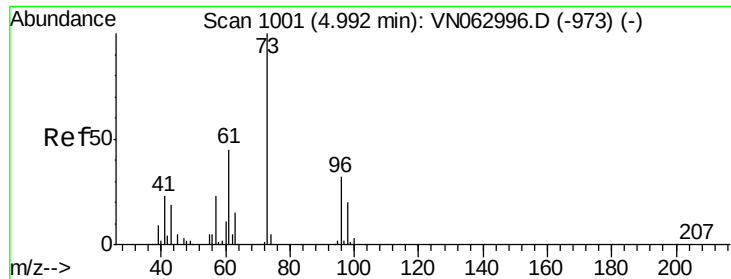
MMDadoda
8/27/2020 1:28:16 PM



#18
Methyl Acetate
Concen: 18.027 ug/l
RT: 4.28 min Scan# 781
Delta R.T. 0.00 min
Lab File: VN063131.D
Acq: 26 Aug 2020 14:25

Tgt Ion: 43 Resp: 41223
Ion Ratio Lower Upper
43 100
74 23.0 18.6 28.0





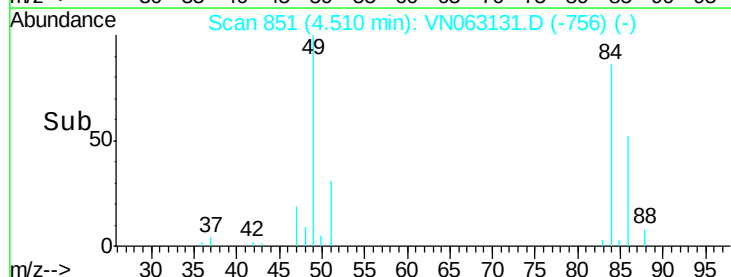
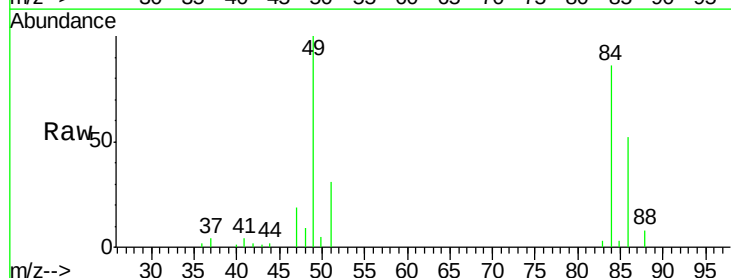
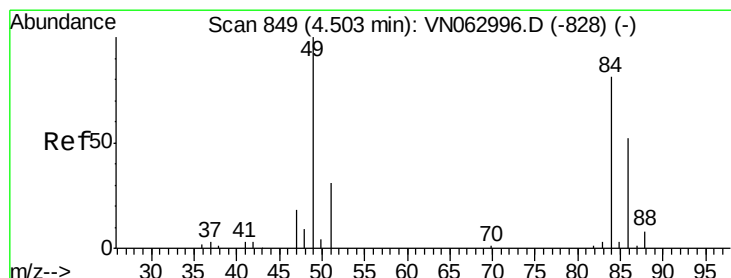
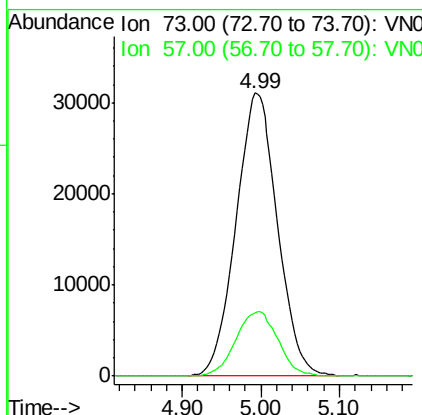
#19
Methyl tert-butyl Ether
Concen: 19.968 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. 0.00 min
Lab File: VN063131.D
Acq: 26 Aug 2020 14:25

Tot Ion: 73 Resp: 114769
Ion Ratio Lower Upper
73 100
57 22.4 18.1 27.1

Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS01

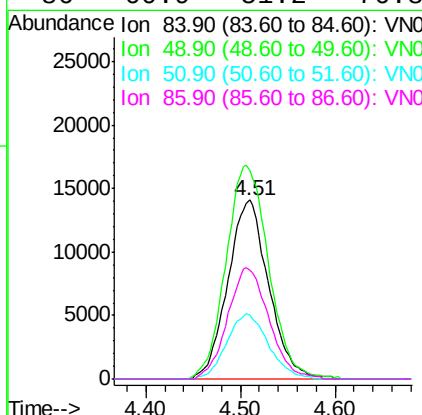
Manual Integrations
APPROVED

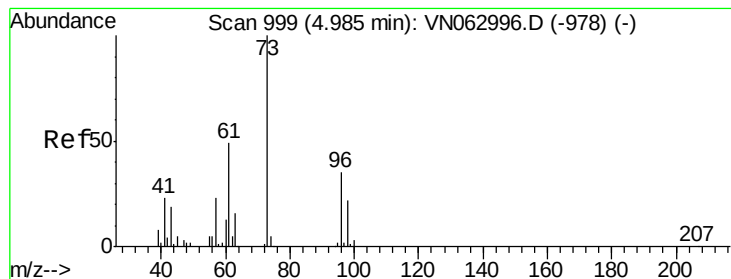
MMDadoda
8/27/2020 1:28:16 PM



#20
Methylene Chloride
Concen: 20.048 ug/l
RT: 4.51 min Scan# 851
Delta R.T. 0.01 min
Lab File: VN063131.D
Acq: 26 Aug 2020 14:25

Tgt Ion: 84 Resp: 42297
Ion Ratio Lower Upper
84 100
49 116.8 98.7 148.1
51 36.0 30.8 46.2
86 60.9 51.2 76.8





#21

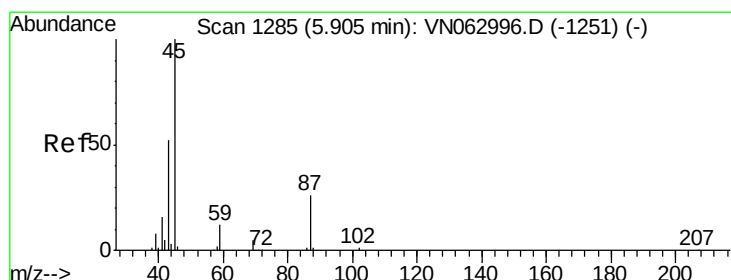
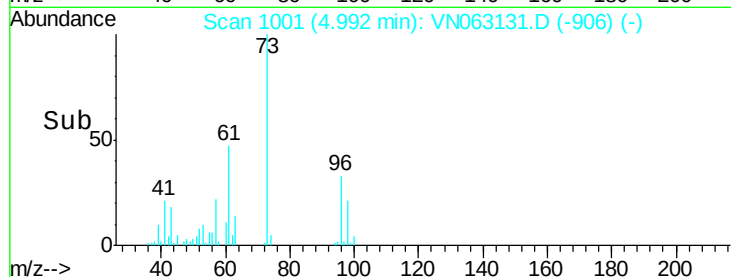
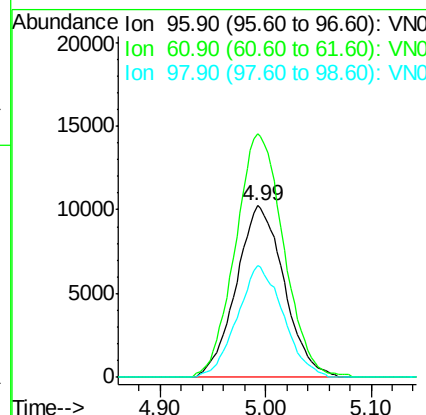
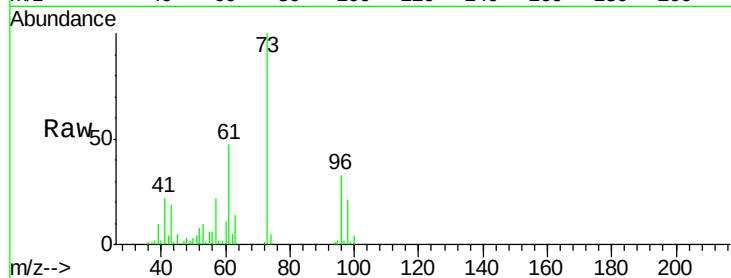
trans-1,2-Dichloroethene
Concen: 18.758 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. 0.01 min
Lab File: VN063131.D
Acq: 26 Aug 2020 14:25

Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	142.1	112.5	168.7
98	65.0	49.4	74.0

Manual Integrations
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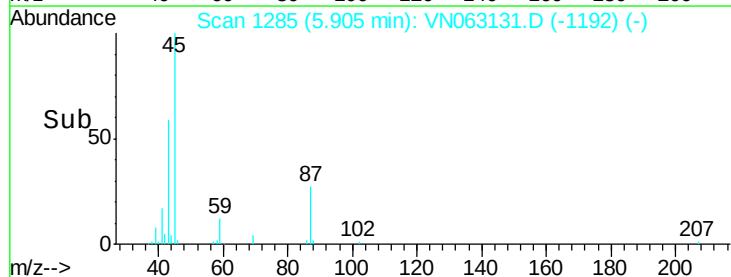
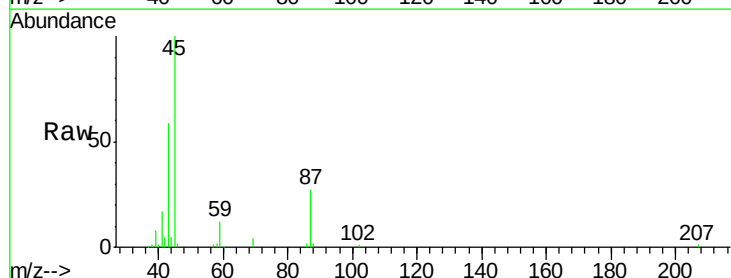
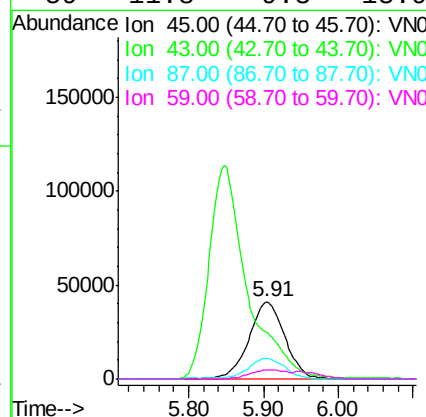
MMDadoda
8/27/2020 1:28:16 PM

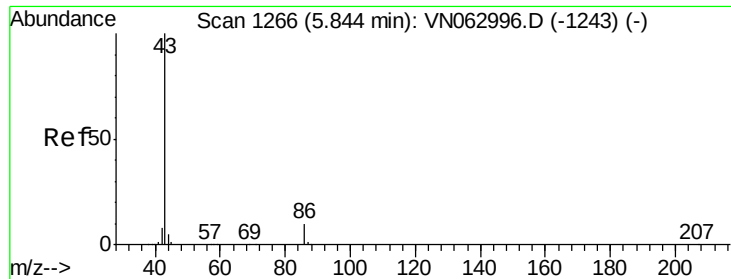


#22

Diisopropyl ether
Concen: 20.865 ug/l
RT: 5.91 min Scan# 1285
Delta R.T. 0.00 min
Lab File: VN063131.D
Acq: 26 Aug 2020 14:25

Tgt Ion	Ratio	Lower	Upper
45	100		
43	57.3	45.7	68.5
87	27.1	21.8	32.6
59	11.8	9.3	13.9





#23

Vinyl Acetate

Concen: 91.234 ug/l

RT: 5.85 min Scan# 1267

Delta R.T. 0.00 min

Lab File: VN063131.D

Acq: 26 Aug 2020 14:25

Instrument :

MSVOA_N

ClientSampleId :

VN0826WBS01

Tot Ion: 43 Resp: 405975

Ion Ratio Lower Upper

43 100

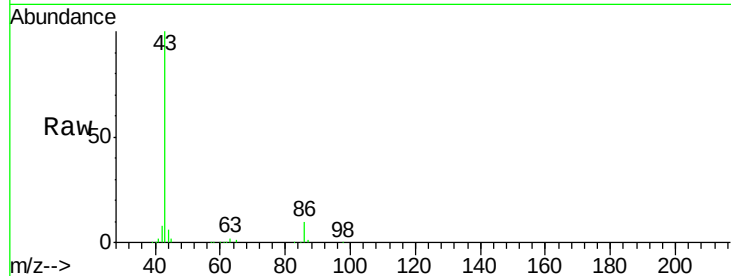
86 10.2 8.0 12.0

Manual Integrations

APPROVED

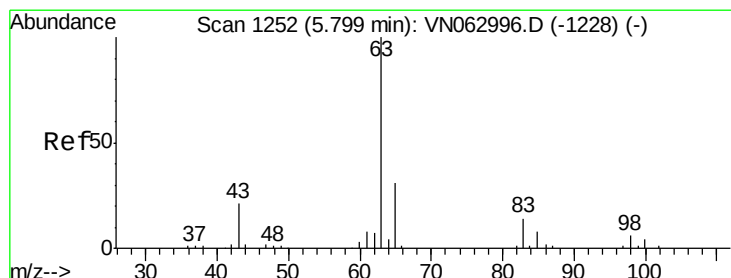
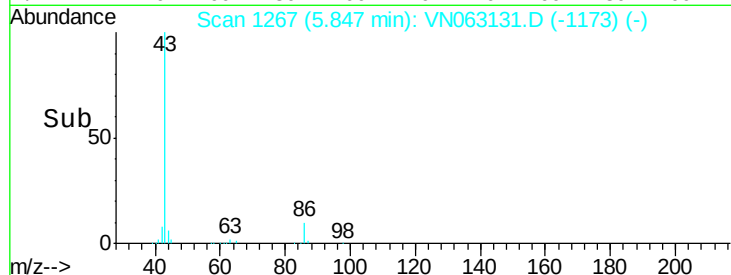
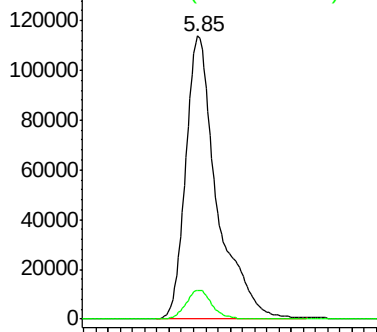
MMDadoda

8/27/2020 1:28:16 PM



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 19.750 ug/l

RT: 5.80 min Scan# 1253

Delta R.T. 0.00 min

Lab File: VN063131.D

Acq: 26 Aug 2020 14:25

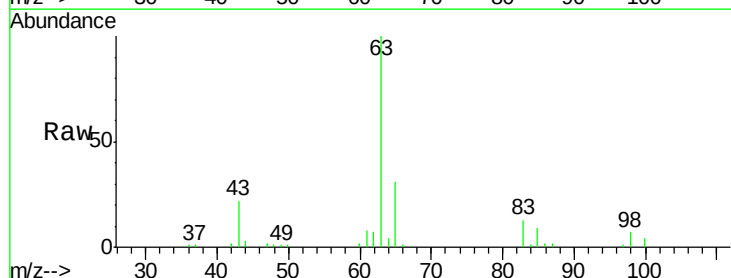
Tgt Ion: 63 Resp: 72777

Ion Ratio Lower Upper

63 100

98 6.6 2.9 8.7

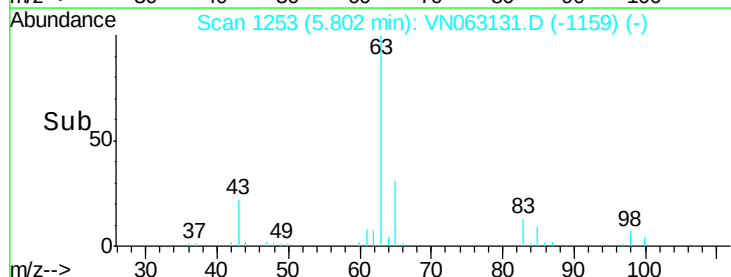
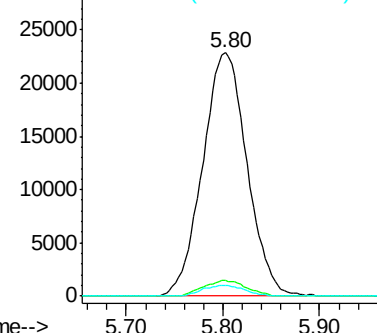
100 4.4 2.0 5.8

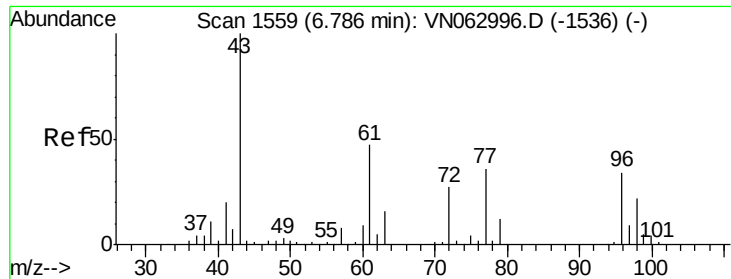


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





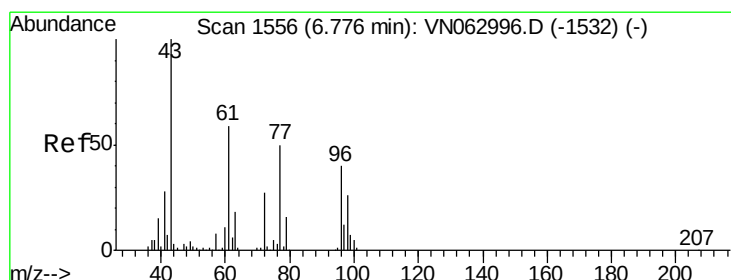
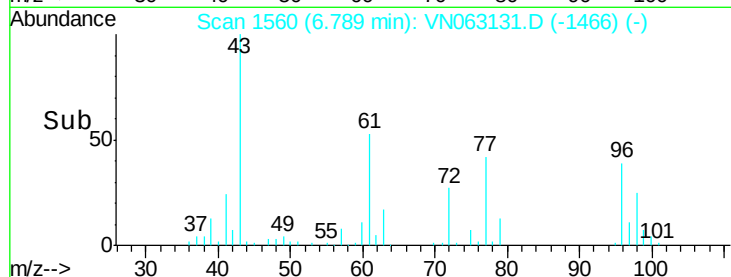
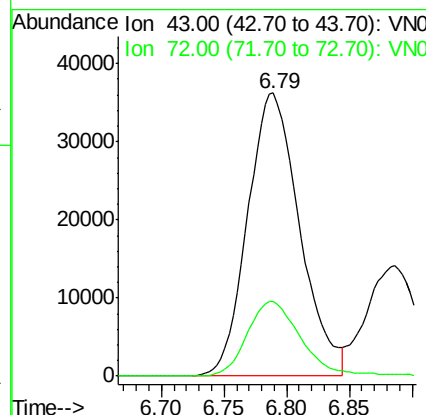
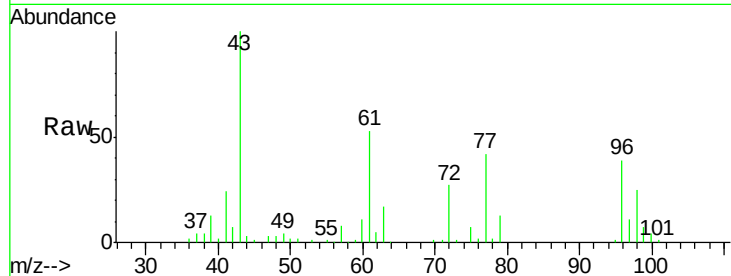
#25
 2-Butanone
 Concen: 85.810 ug/l
 RT: 6.79 min Scan# 1560
 Delta R.T. 0.00 min
 Lab File: VN063131.D
 Acq: 26 Aug 2020 14:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0826WBS01

Tot Ion: 43 Resp: 104832
 Ion Ratio Lower Upper
 43 100
 72 26.5 21.8 32.6

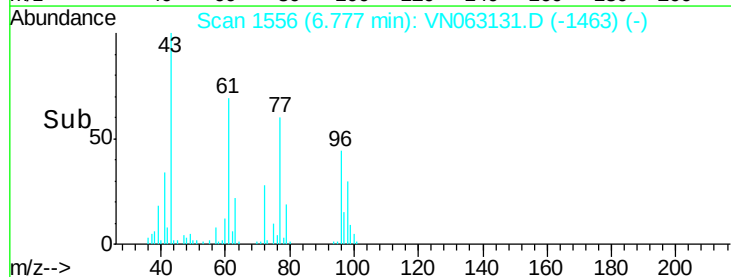
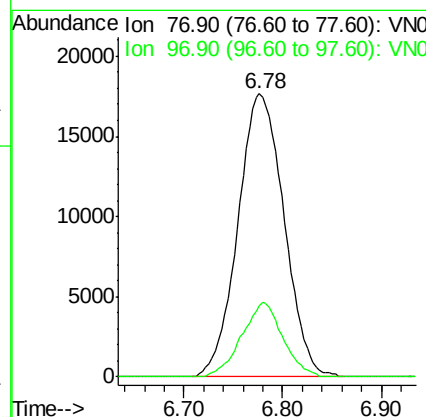
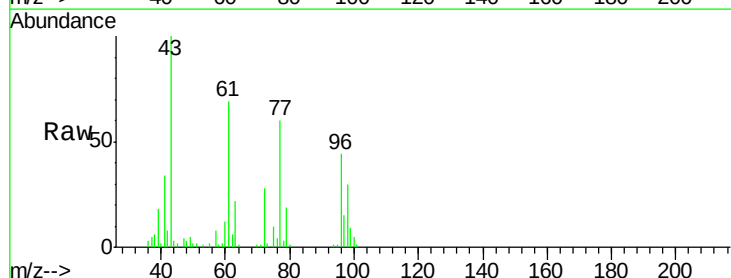
Manual Integrations
 APPROVED

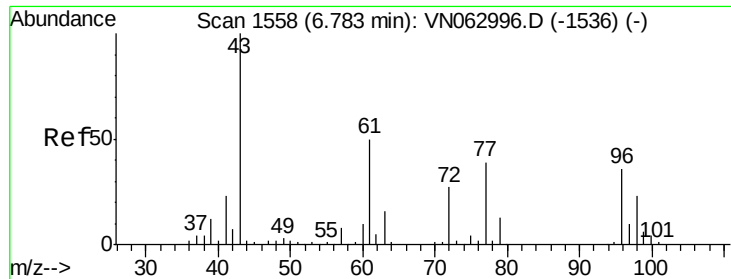
MMDadoda
 8/27/2020 1:28:16 PM



#26
 2,2-Dichloropropane
 Concen: 19.704 ug/l
 RT: 6.78 min Scan# 1556
 Delta R.T. 0.00 min
 Lab File: VN063131.D
 Acq: 26 Aug 2020 14:25

Tgt Ion: 77 Resp: 57100
 Ion Ratio Lower Upper
 77 100
 97 23.5 11.7 35.1





#27

cis-1,2-Dichloroethene

Concen: 19.086 ug/l

RT: 6.79 min Scan# 1559

Delta R.T. 0.00 min

Lab File: VN063131.D

Acq: 26 Aug 2020 14:25

Instrument :

MSVOA_N

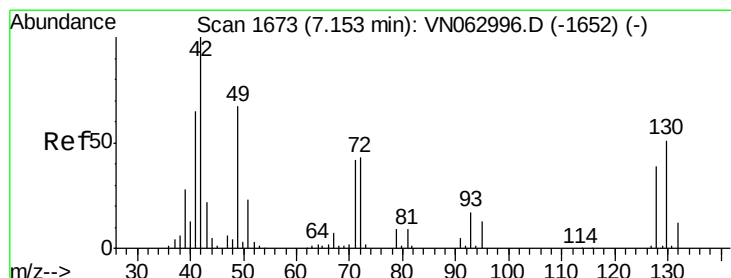
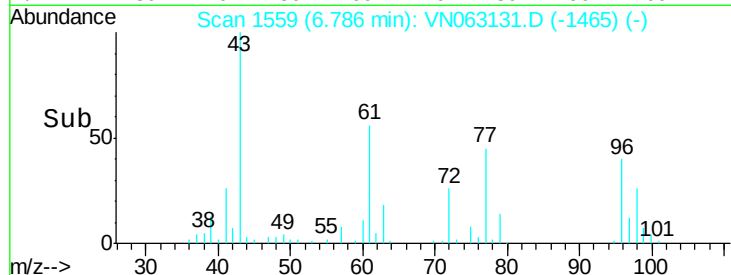
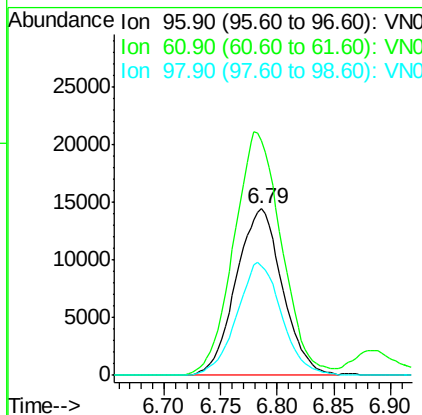
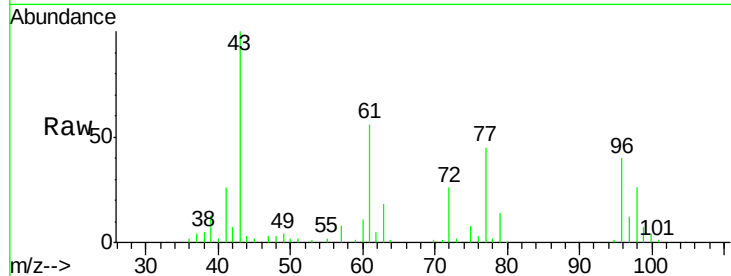
ClientSampled :

VN0826WBS01

Tot Ion:	96	Resp:	41260
Ion	Ratio	Lower	Upper
96	100		
61	150.0	0.0	292.8
98	65.4	0.0	130.6

Manual Integrations
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#28

Bromochloromethane

Concen: 20.624 ug/l

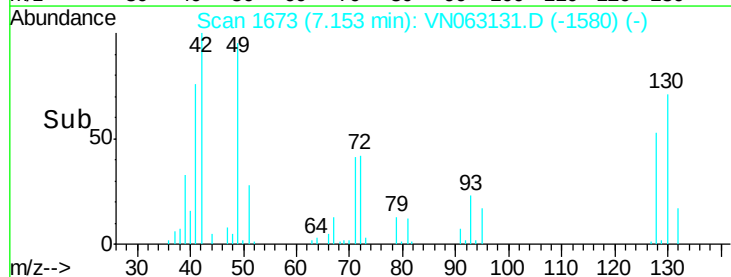
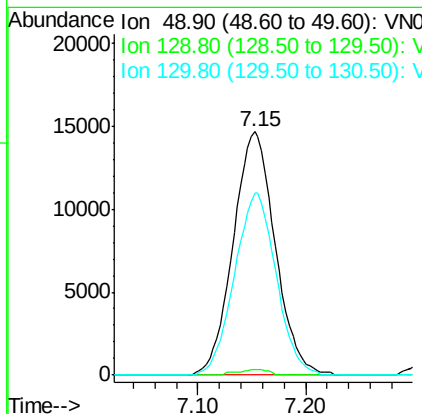
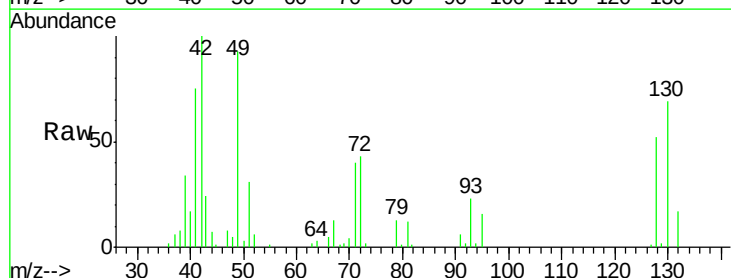
RT: 7.15 min Scan# 1673

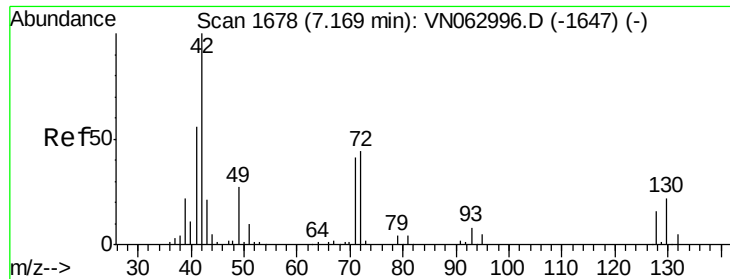
Delta R.T. 0.00 min

Lab File: VN063131.D

Acq: 26 Aug 2020 14:25

Tgt Ion:	49	Resp:	39764
Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.6
130	73.9	61.1	91.7





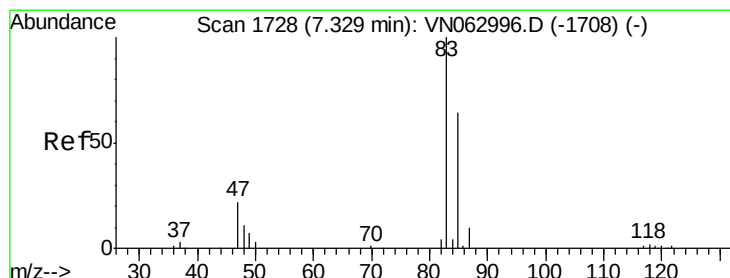
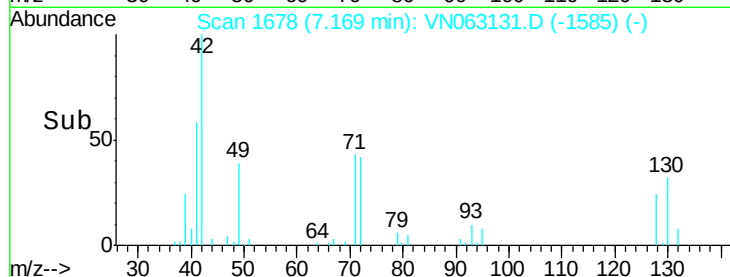
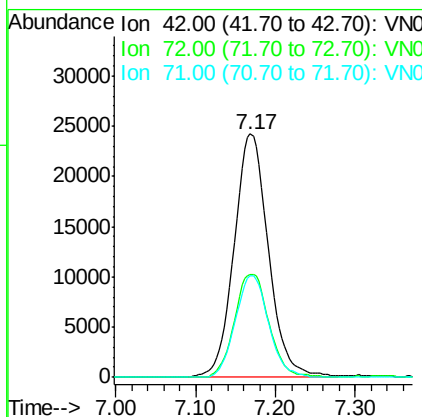
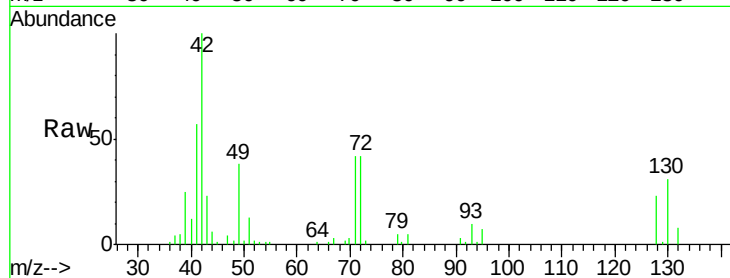
#29
Tetrahydrofuran
Concen: 89.330 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. 0.00 min
Lab File: VN063131.D
Acq: 26 Aug 2020 14:25

Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.5	34.6	52.0
71	40.4	32.3	48.5

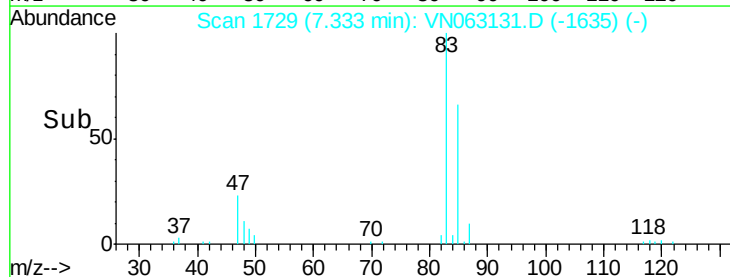
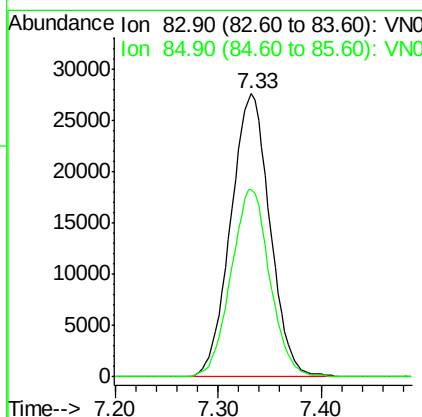
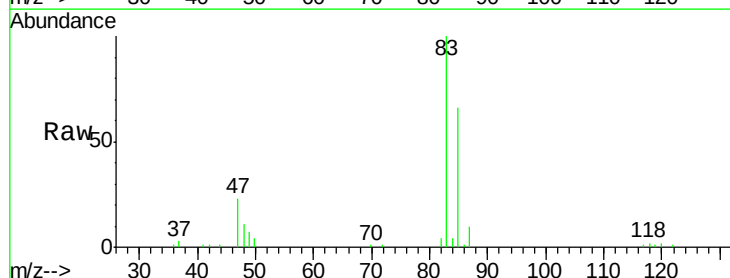
Manual Integrations
APPROVED

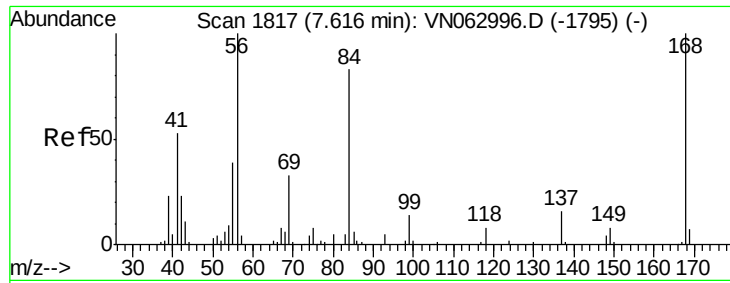
MMDadoda
8/27/2020 1:28:16 PM



#30
Chloroform
Concen: 19.678 ug/l
RT: 7.33 min Scan# 1729
Delta R.T. 0.00 min
Lab File: VN063131.D
Acq: 26 Aug 2020 14:25

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.4	51.5	77.3





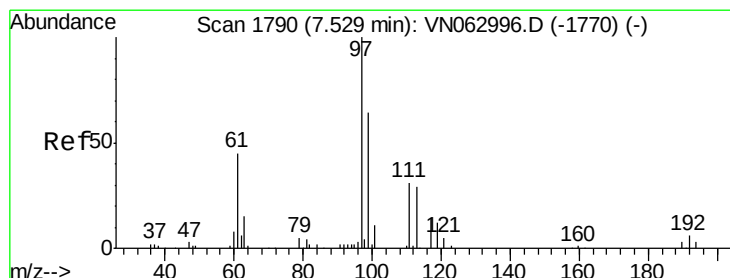
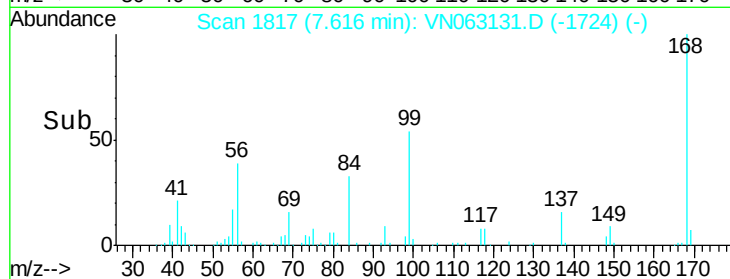
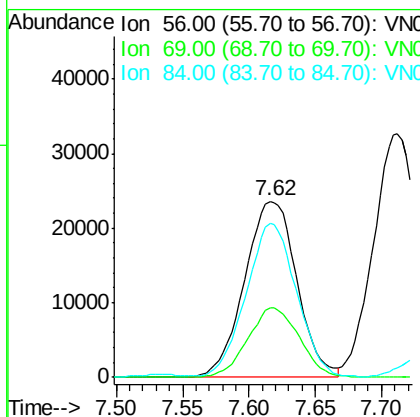
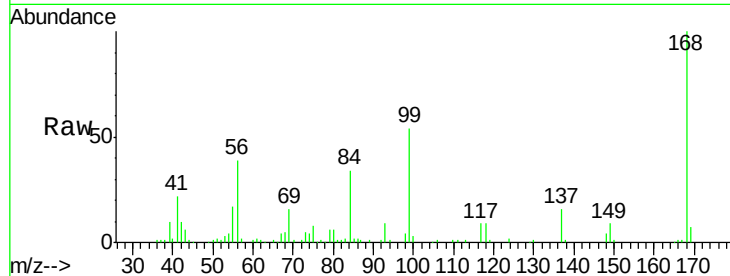
#31
Cyclohexane
Concen: 19.046 ug/l
RT: 7.62 min Scan# 1817
Delta R.T. 0.00 min
Lab File: VN063131.D
Acq: 26 Aug 2020 14:25

Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	39.8	26.6	40.0
84	87.0	66.4	99.6

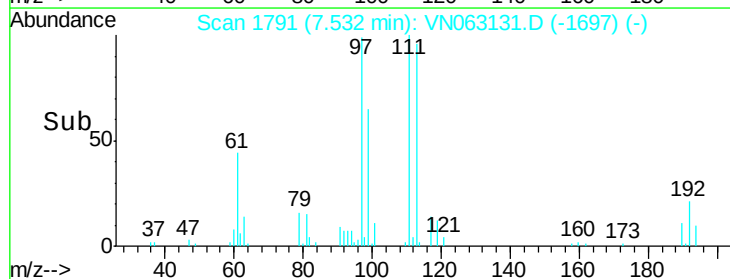
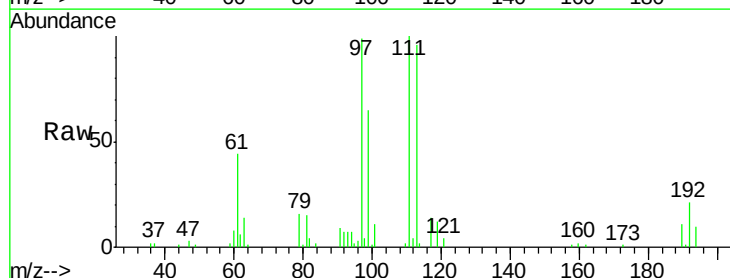
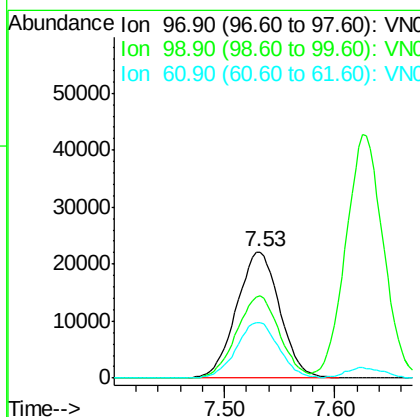
Manual Integrations
APPROVED

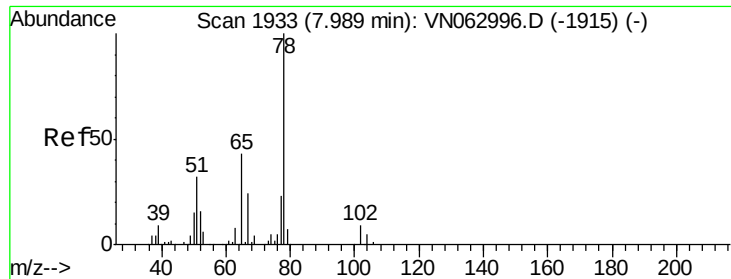
MMDadoda
8/27/2020 1:28:16 PM



#32
1,1,1-Trichloroethane
Concen: 19.820 ug/l
RT: 7.53 min Scan# 1791
Delta R.T. 0.00 min
Lab File: VN063131.D
Acq: 26 Aug 2020 14:25

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.6	52.0	78.0
61	43.5	36.2	54.4





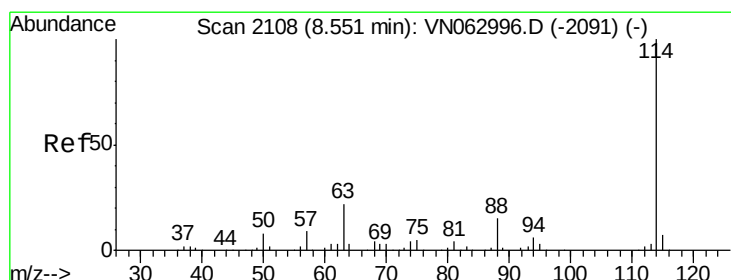
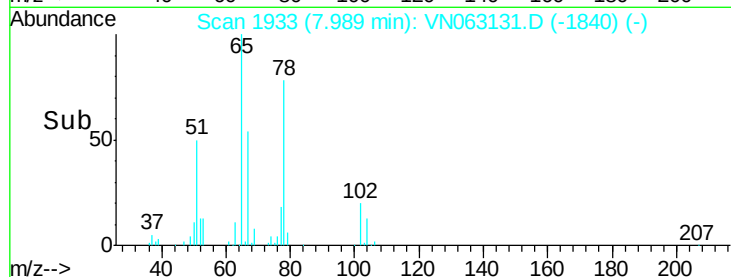
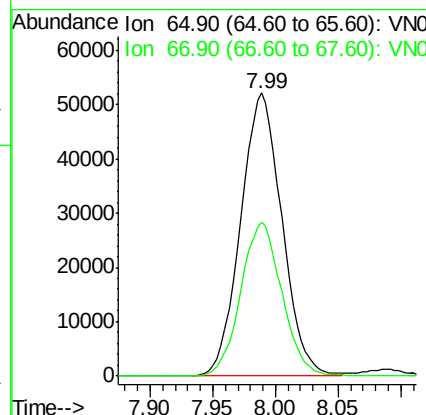
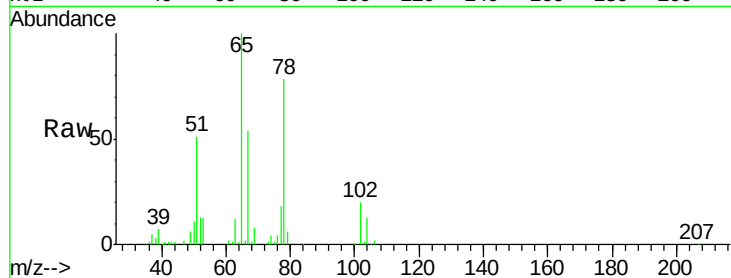
#33
 1,2-Dichloroethane-d4
 Concen: 51.837 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN063131.D
 Acq: 26 Aug 2020 14:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0826WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	119283		
67	54.1	0.0	112.0	

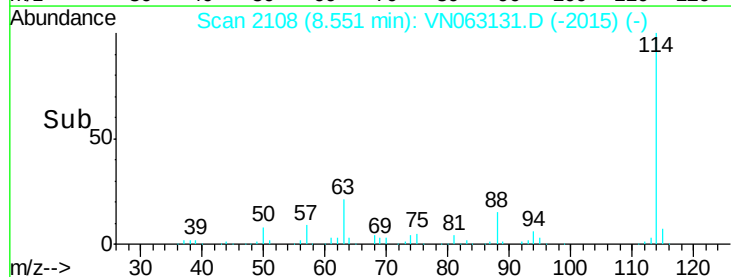
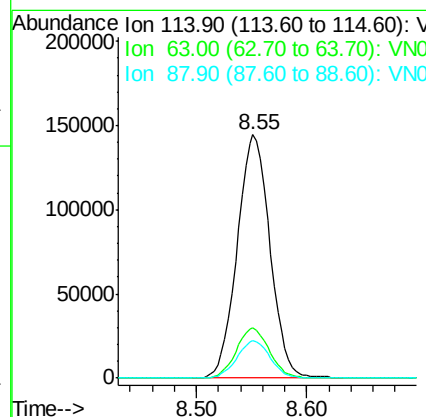
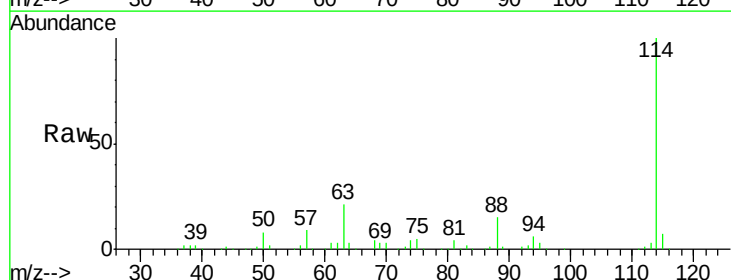
Manual Integrations
 APPROVED

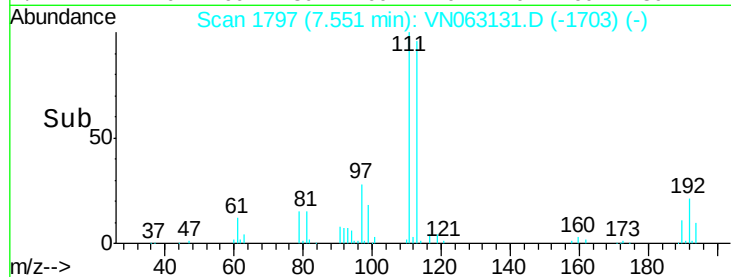
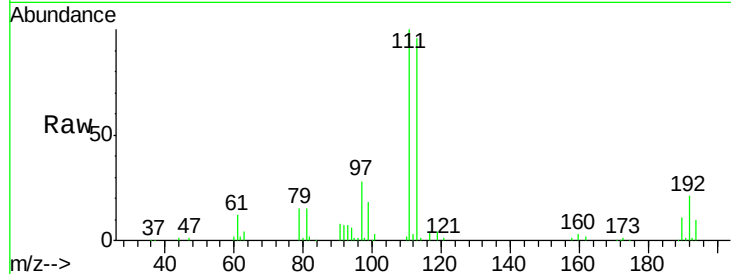
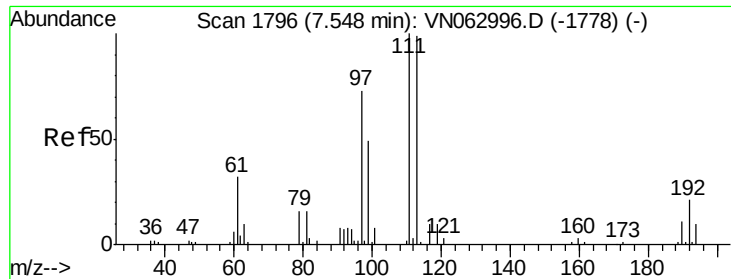
MMDadoda
 8/27/2020 1:28:16 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN063131.D
 Acq: 26 Aug 2020 14:25

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	297679		
63	20.5	0.0	43.2	
88	15.4	0.0	30.6	





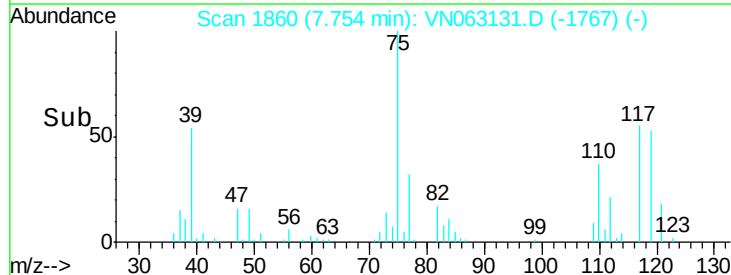
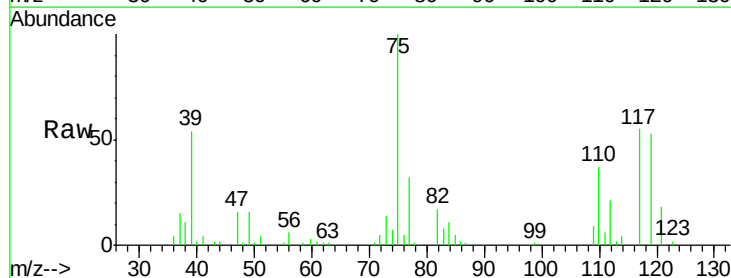
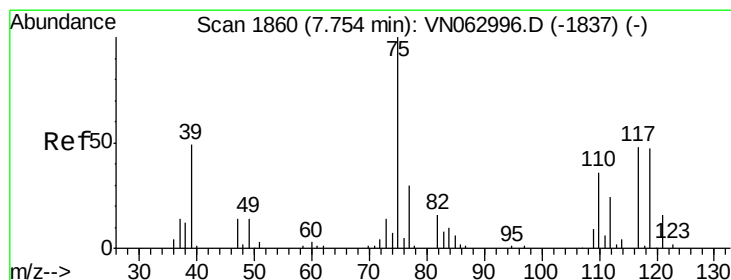
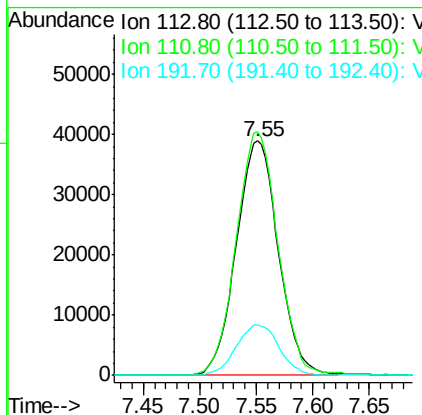
#35
Dibromofluoromethane
Concen: 51.809 ug/l
RT: 7.55 min Scan# 1797
Delta R.T. 0.00 min
Lab File: VN063131.D
Acq: 26 Aug 2020 14:25

Tot Ion	Ratio	Resp	Lower	Upper
113	100	100492		
111	103.8	81.7	122.5	
192	21.9	17.5	26.3	

Instrument :
MSVOA_N
ClientSampled :
VN0826WBS01

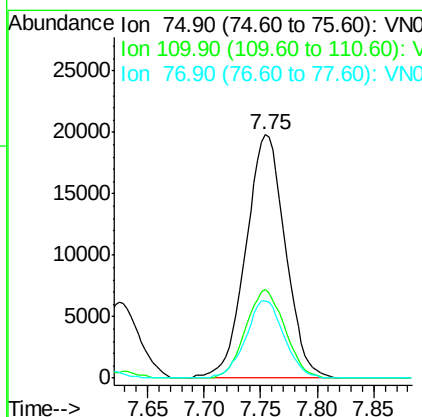
Manual Integrations
APPROVED

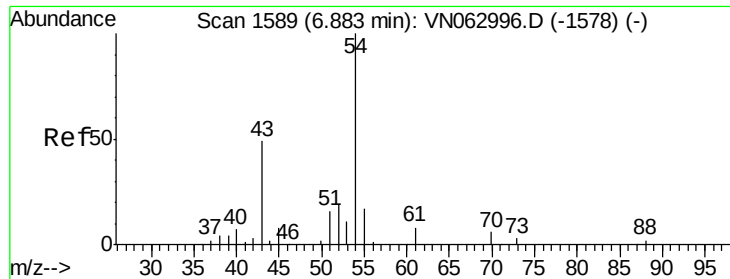
MMDadoda
8/27/2020 1:28:16 PM



#36
1,1-Dichloropropene
Concen: 18.325 ug/l
RT: 7.75 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VN063131.D
Acq: 26 Aug 2020 14:25

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	48073		
110	36.0	17.5	52.6	
77	30.9	24.2	36.4	





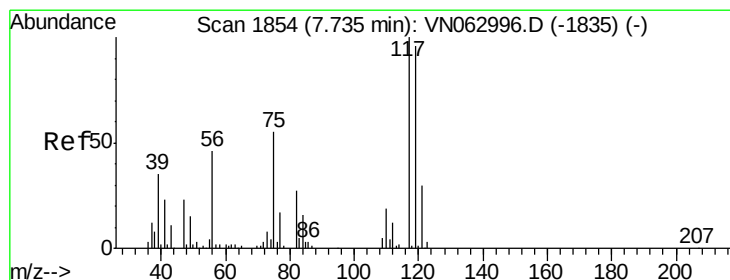
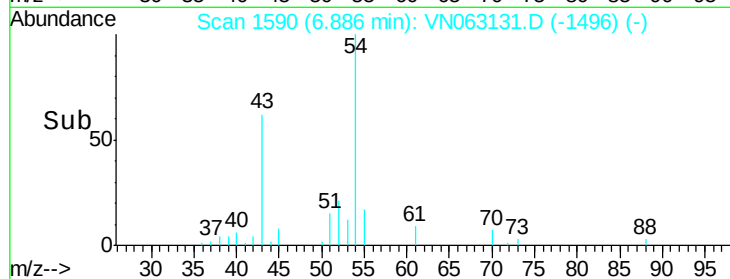
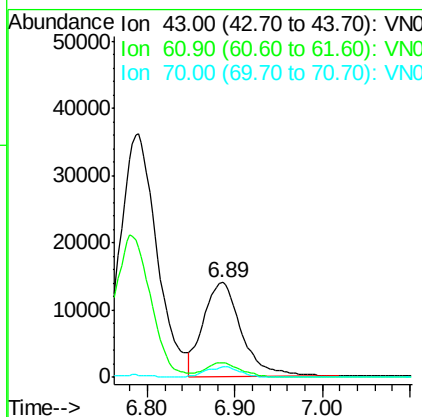
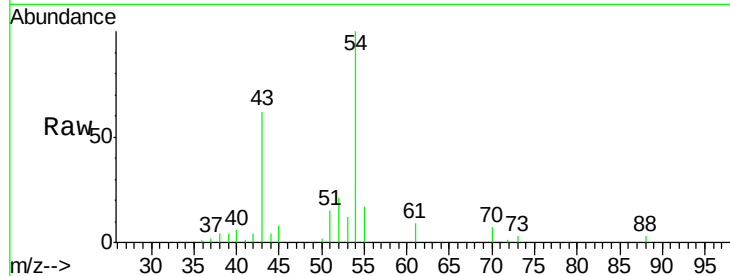
#37
Ethyl Acetate
Concen: 17.338 ug/l
RT: 6.89 min Scan# 1590
Delta R.T. 0.00 min
Lab File: VN063131.D
Acq: 26 Aug 2020 14:25

Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.2	11.8	17.8
70	9.8	8.2	12.2

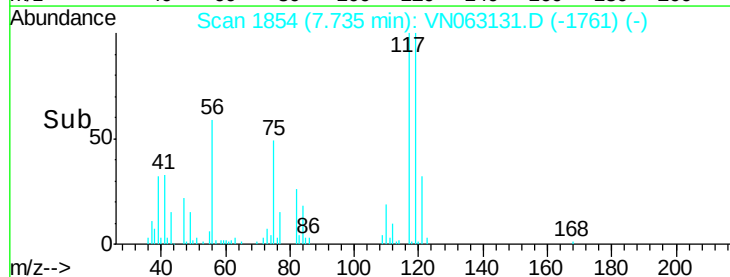
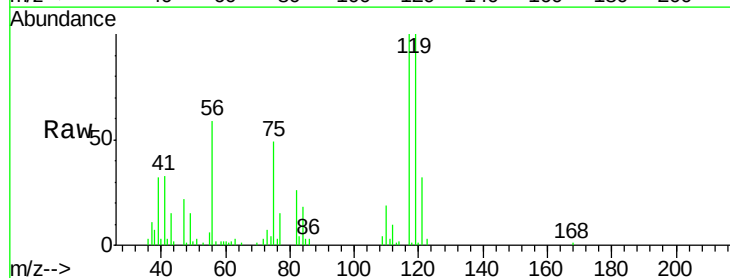
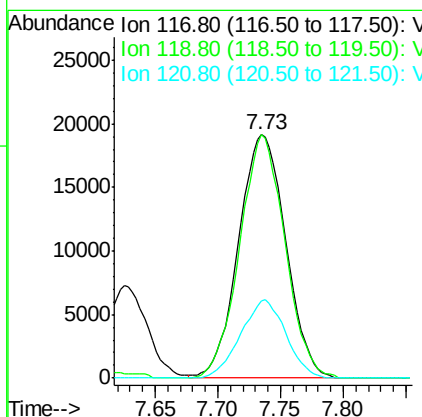
Manual Integrations
APPROVED

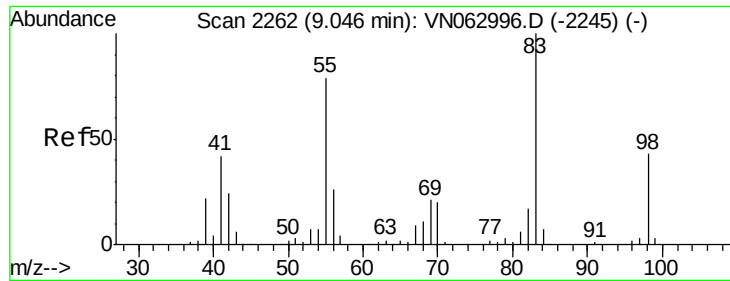
MMDadoda
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#38
Carbon Tetrachloride
Concen: 18.906 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VN063131.D
Acq: 26 Aug 2020 14:25

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.9	76.2	114.4
121	31.7	24.2	36.2





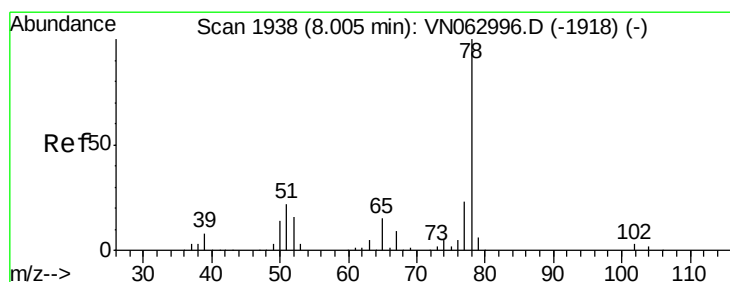
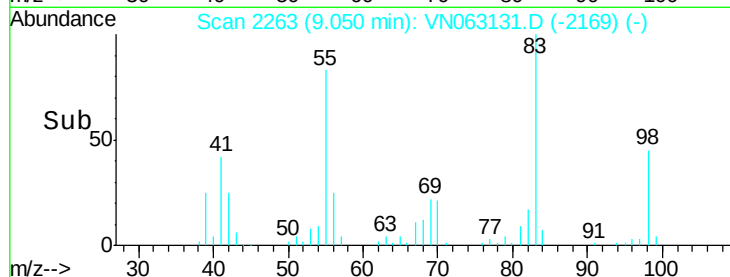
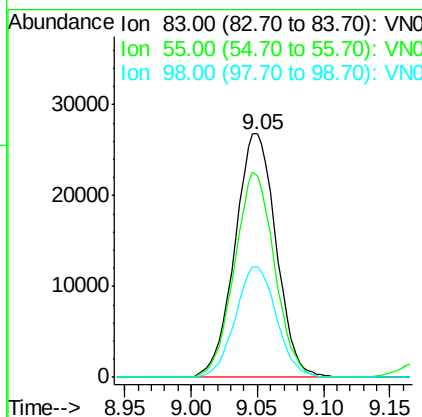
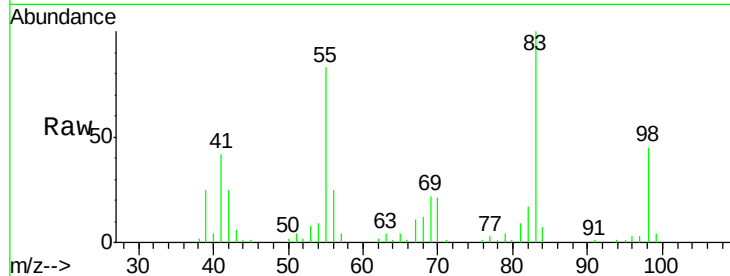
#39
Methylvlcyclohexane
Concen: 17.366 ug/l
RT: 9.05 min Scan# 2263
Delta R.T. 0.00 min
Lab File: VN063131.D
Acq: 26 Aug 2020 14:25

Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS01

Tot Ion	83	Resp	57778
Ion Ratio	Lower	Upper	
83	100		
55	82.6	63.3	94.9
98	45.2	34.2	51.4

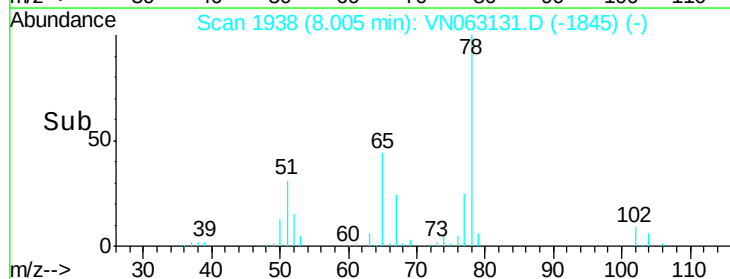
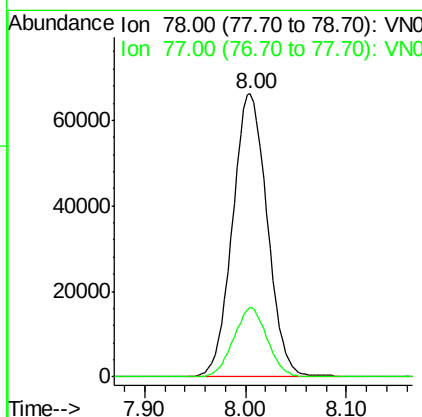
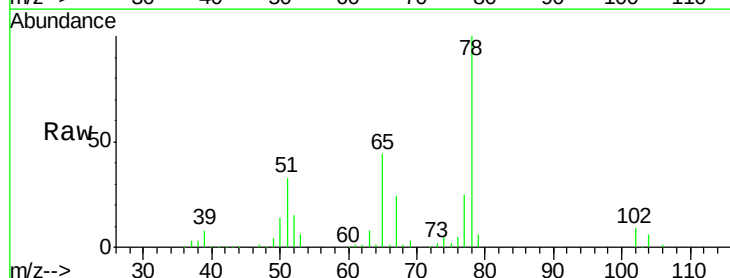
Manual Integrations
APPROVED

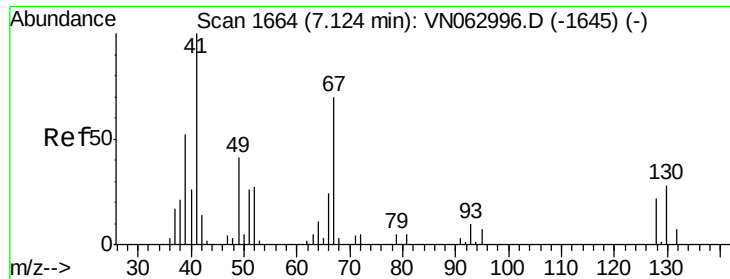
MMDadoda
8/27/2020 1:28:16 PM



#40
Benzene
Concen: 18.989 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN063131.D
Acq: 26 Aug 2020 14:25

Tgt Ion	78	Resp	157989
Ion Ratio	Lower	Upper	
78	100		
77	24.6	18.8	28.2





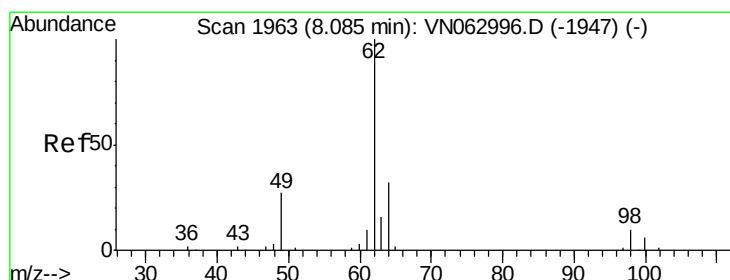
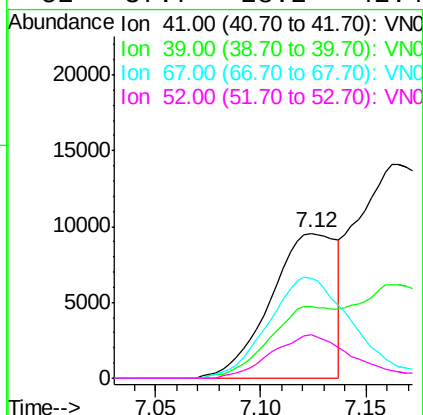
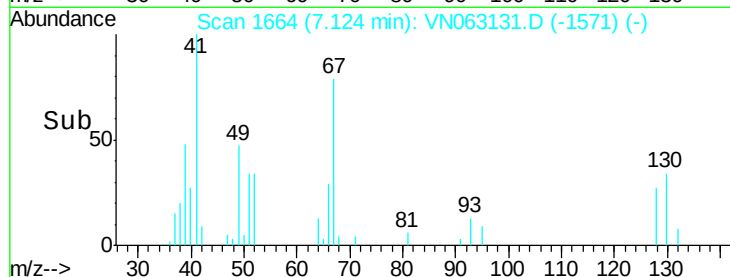
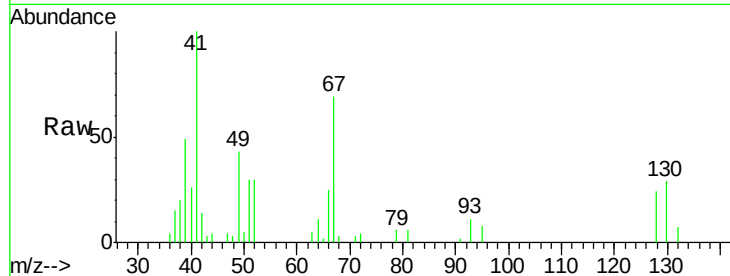
#41
Methacrylonitrile
Concen: 17.730 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. 0.00 min
Lab File: VN063131.D
Acq: 26 Aug 2020 14:25

Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS01

Tot Ion	41	Resp	20764
Ion	Ratio	Lower	Upper
41	100		
39	45.6	41.6	62.4
67	90.2	71.8	107.8
52	37.7	28.2	42.4

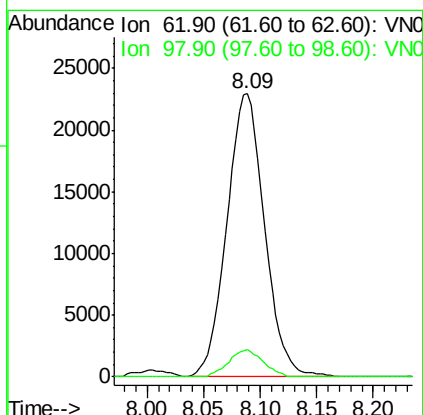
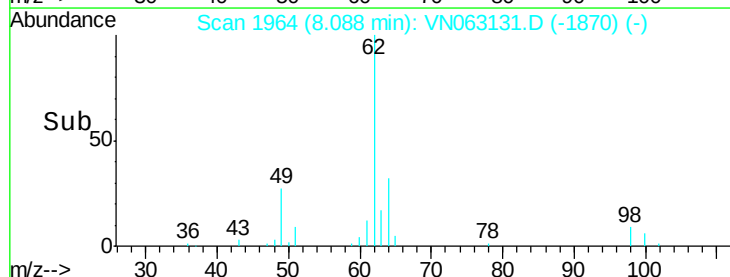
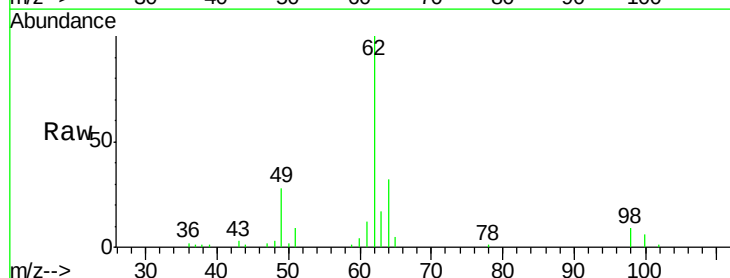
Manual Integrations
APPROVED

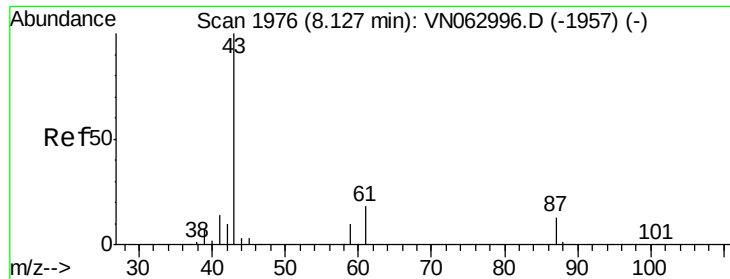
MMDadoda
8/27/2020 1:28:16 PM



#42
1,2-Dichloroethane
Concen: 19.062 ug/l
RT: 8.09 min Scan# 1964
Delta R.T. 0.00 min
Lab File: VN063131.D
Acq: 26 Aug 2020 14:25

Tgt Ion	62	Resp	53254
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	18.4





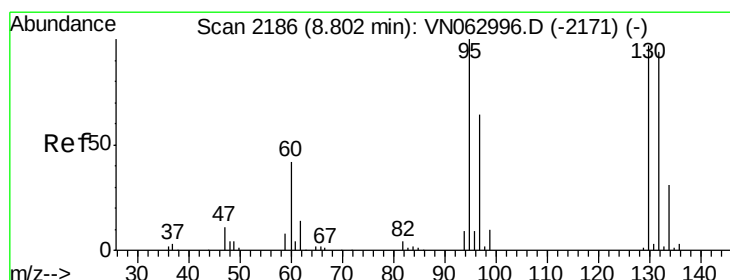
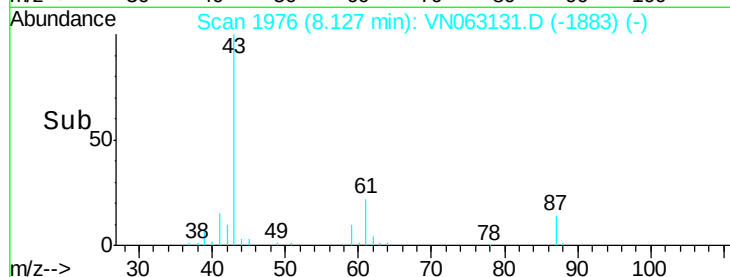
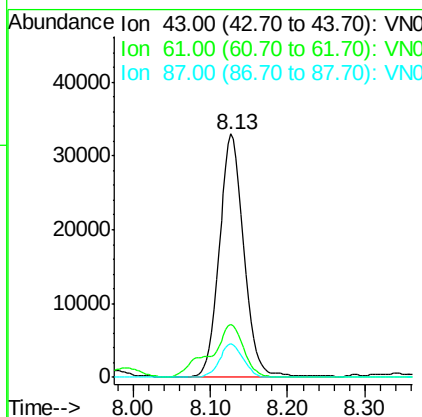
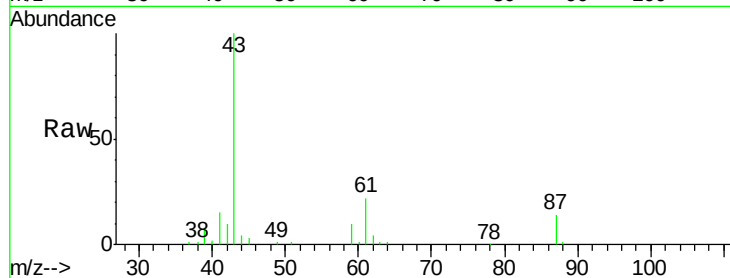
#43
Isopropyl Acetate
Concen: 17.911 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN063131.D
Acq: 26 Aug 2020 14:25

Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	29.3	22.6	33.8
87	13.1	10.5	15.7

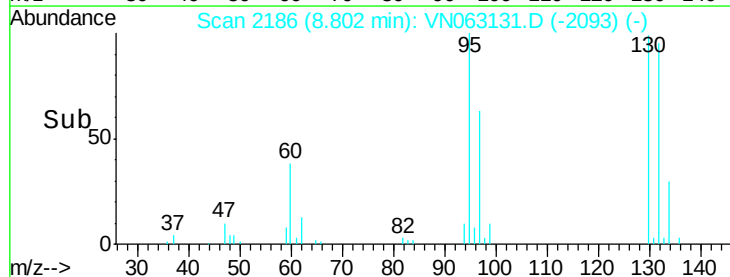
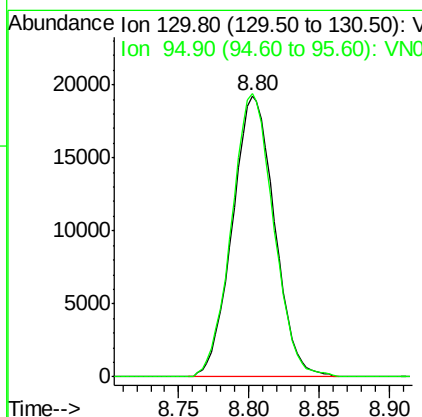
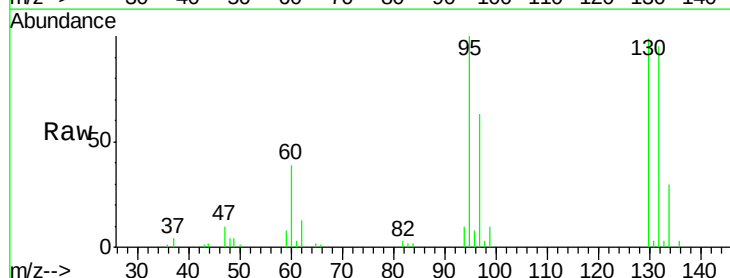
Manual Integrations
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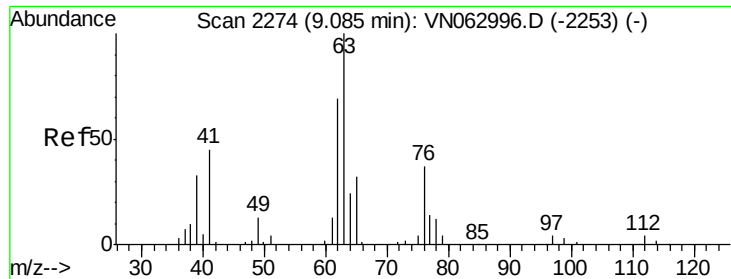
MMDadoda
8/27/2020 1:28:16 PM



#44
Trichloroethene
Concen: 19.401 ug/l
RT: 8.80 min Scan# 2186
Delta R.T. 0.00 min
Lab File: VN063131.D
Acq: 26 Aug 2020 14:25

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.7	0.0	205.6





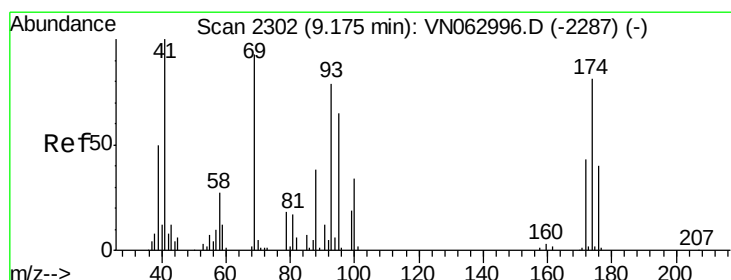
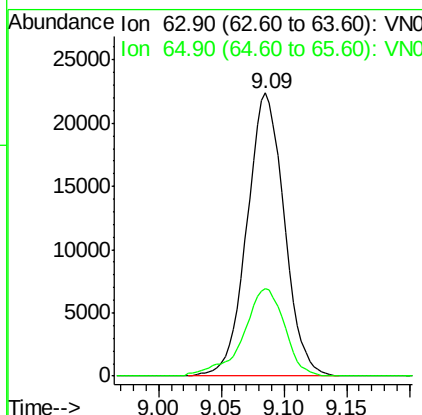
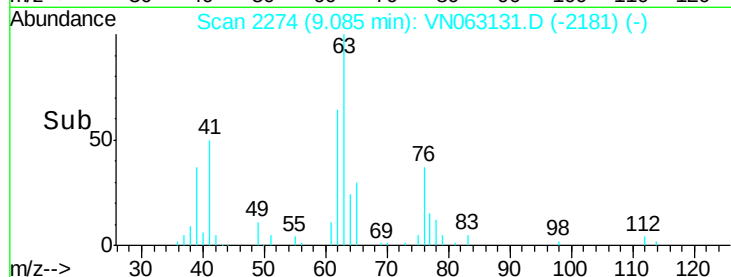
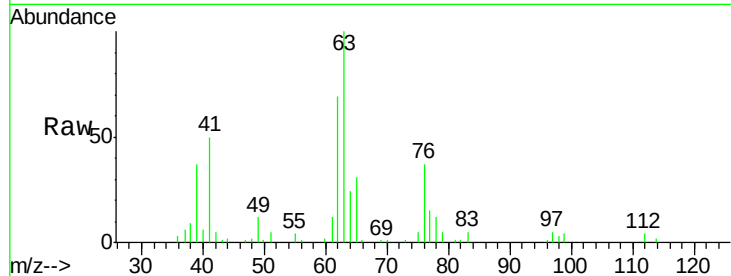
#45
 1,2-Dichloropropane
 Concen: 19.281 ug/l
 RT: 9.09 min Scan# 2274
 Delta R.T. 0.00 min
 Lab File: VN063131.D
 Acq: 26 Aug 2020 14:25

Instrument :
 MSVOA_N
 ClientSampled :
 VN0826WBS01

Tot Ion: 63 Resp: 46371
 Ion Ratio Lower Upper
 63 100
 65 30.8 25.6 38.4

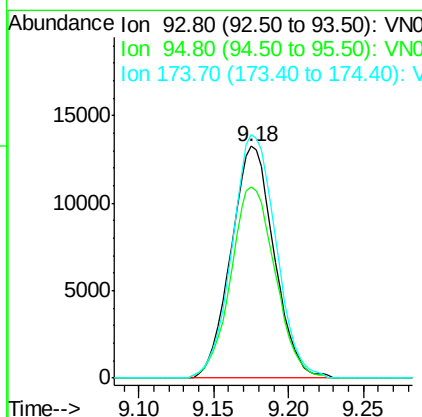
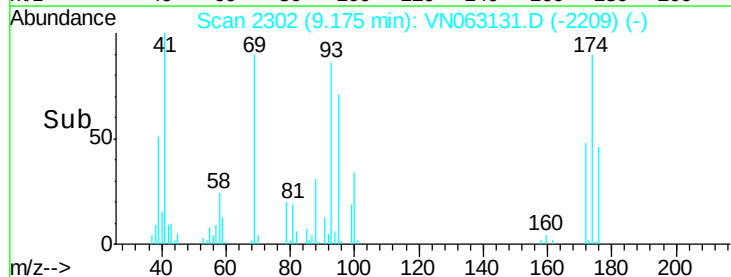
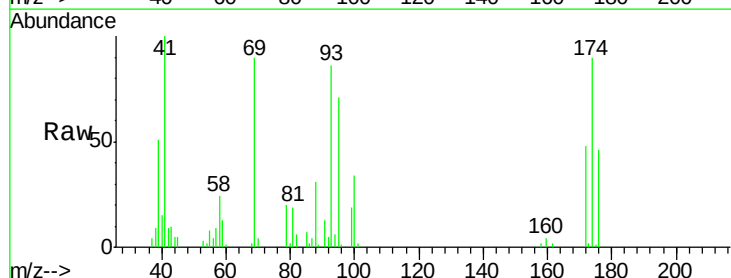
Manual Integrations
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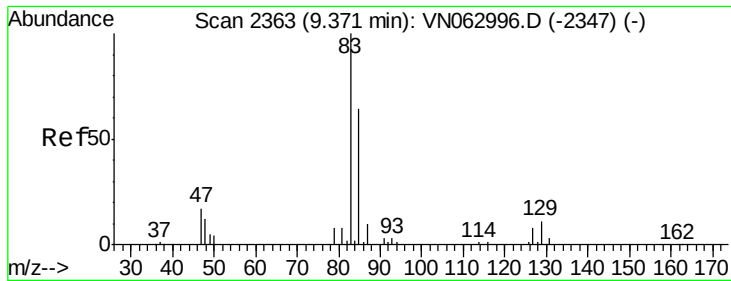
MMDadoda
 8/27/2020 1:28:16 PM



#46
 Dibromomethane
 Concen: 19.176 ug/l
 RT: 9.18 min Scan# 2302
 Delta R.T. 0.00 min
 Lab File: VN063131.D
 Acq: 26 Aug 2020 14:25

Tgt Ion: 93 Resp: 26642
 Ion Ratio Lower Upper
 93 100
 95 84.4 66.2 99.4
 174 106.7 84.6 127.0





#47

Bromodichloromethane

Concen: 19.594 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. 0.00 min

Lab File: VN063131.D

Acq: 26 Aug 2020 14:25

Instrument :

MSVOA_N

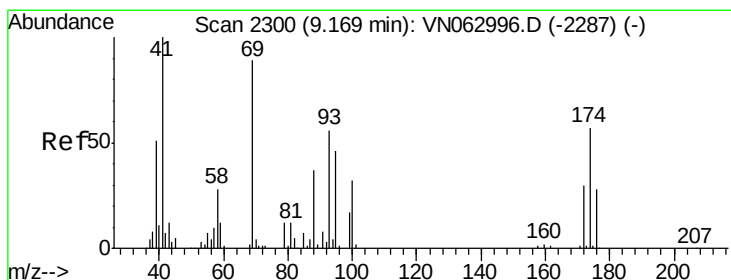
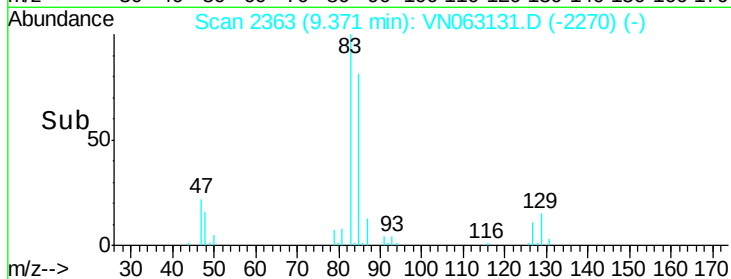
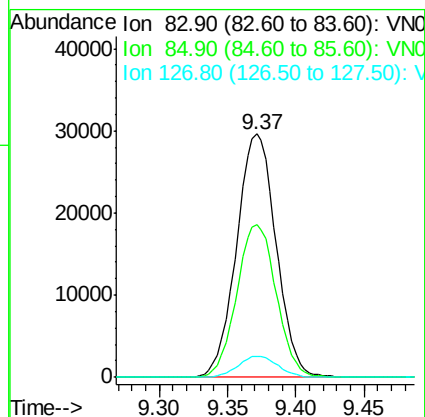
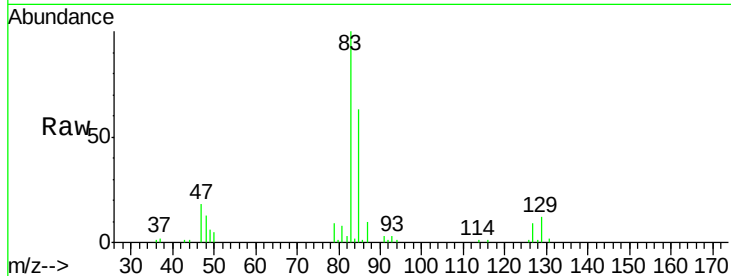
ClientSampled :

VN0826WBS01

Tot Ion:	83	Resp:	59626
Ion	Ratio	Lower	Upper
83	100		
85	62.5	51.1	76.7
127	8.6	6.6	9.8

Manual Integrations
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#48

Methyl methacrylate

Concen: 17.761 ug/l

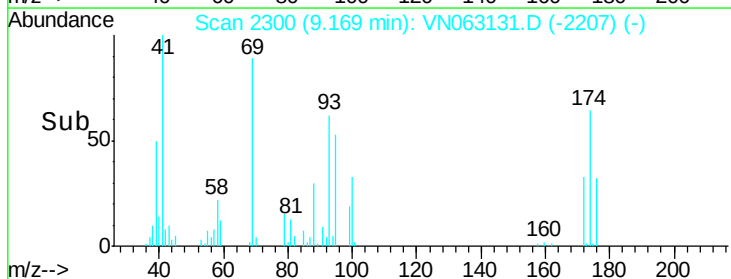
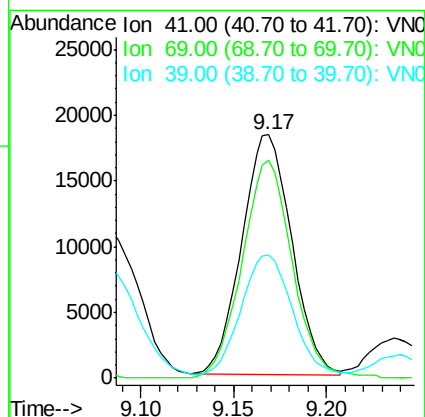
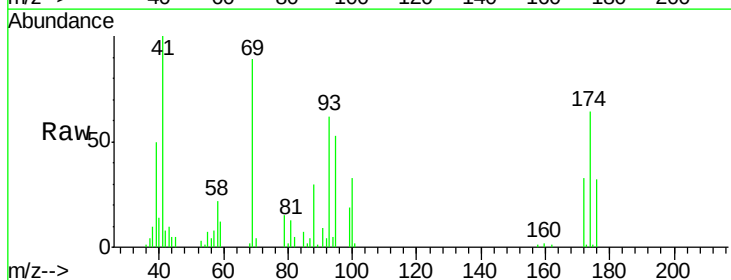
RT: 9.17 min Scan# 2300

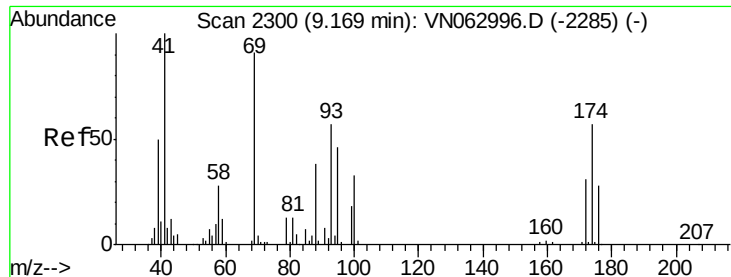
Delta R.T. 0.00 min

Lab File: VN063131.D

Acq: 26 Aug 2020 14:25

Tgt Ion:	41	Resp:	34222
Ion	Ratio	Lower	Upper
41	100		
69	91.0	74.2	111.4
39	54.0	42.5	63.7





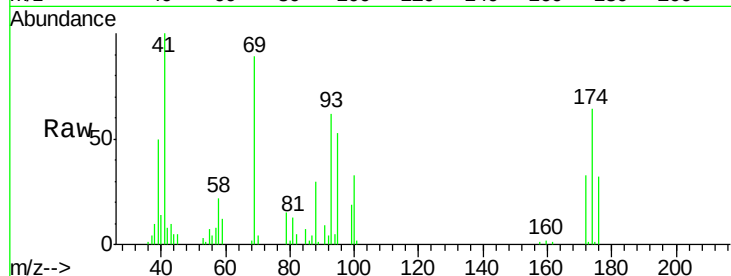
#49
1,4-Dioxane
Concen: 285.253 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. 0.00 min
Lab File: VN063131.D
Acq: 26 Aug 2020 14:25

Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.6	25.2	37.8
58	74.8	56.7	85.1

Manual Integrations
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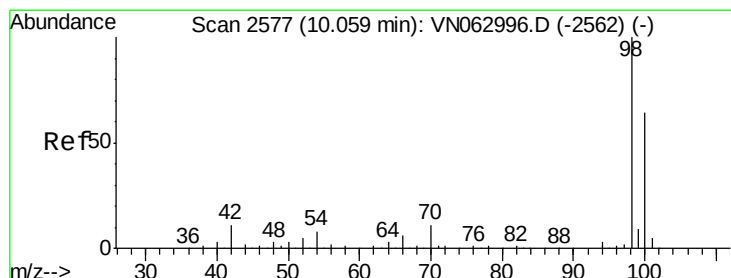
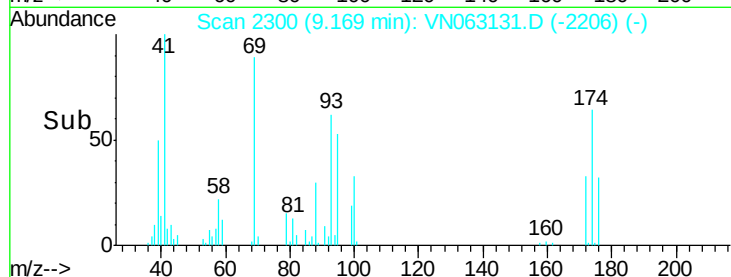
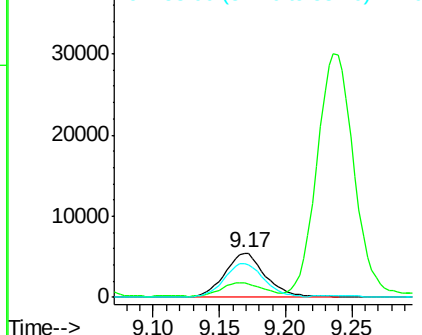


Abundance

Ion 88.00 (87.70 to 88.70): VN0

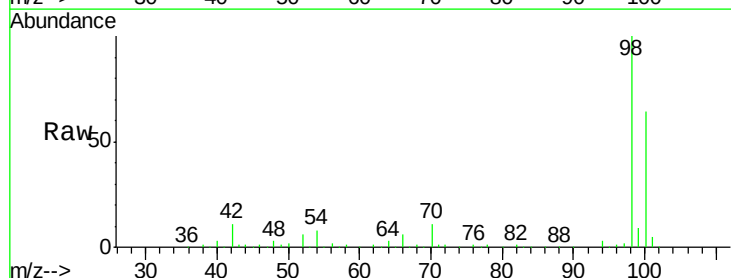
Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50
Toluene-d8
Concen: 51.617 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN063131.D
Acq: 26 Aug 2020 14:25

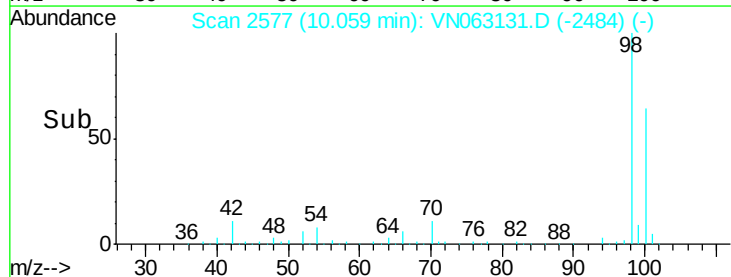
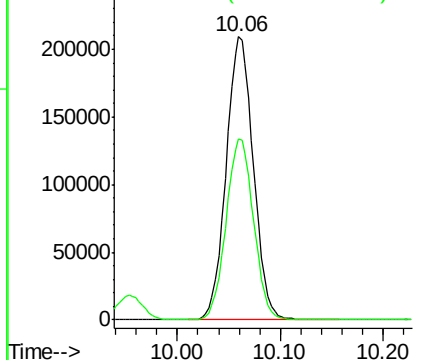
Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.2	76.8

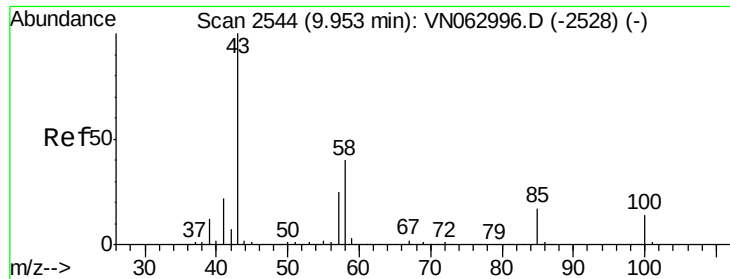


Abundance

Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





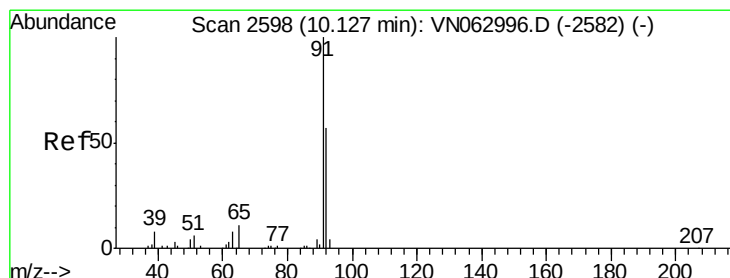
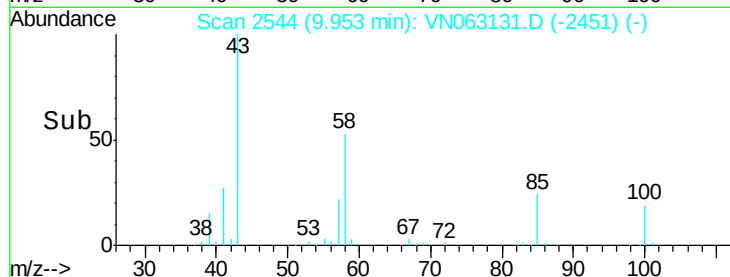
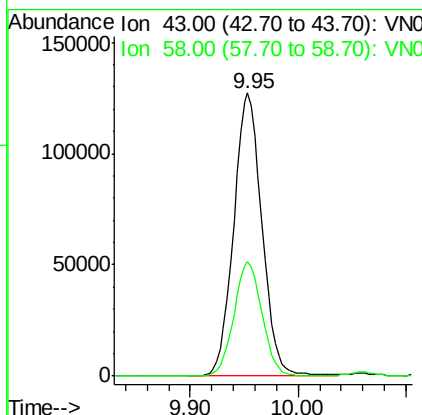
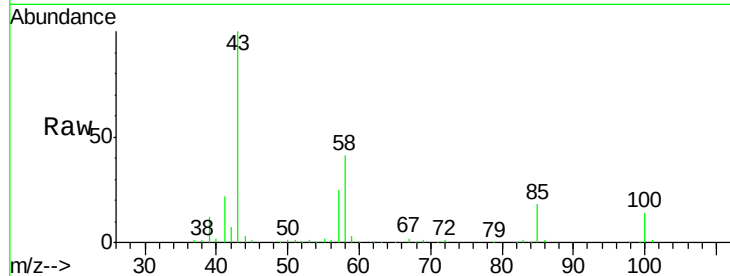
#51
 4-Methyl-2-Pentanone
 Concen: 90.288 ug/l
 RT: 9.95 min Scan# 2544
 Delta R.T. 0.00 min
 Lab File: VN063131.D
 Acq: 26 Aug 2020 14:25

Instrument :
 MSVOA_N
 ClientSampled :
 VN0826WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	40.2	32.2	48.2

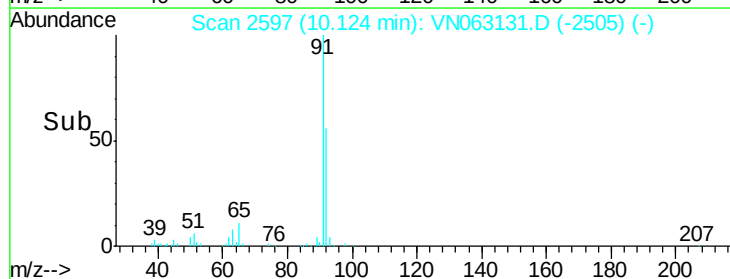
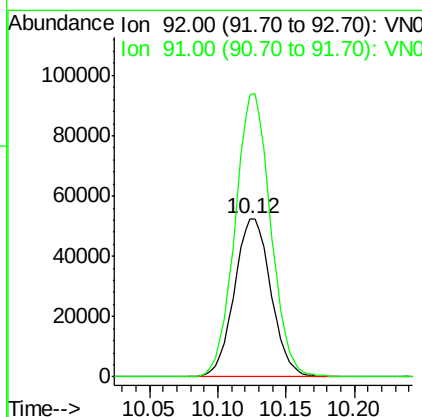
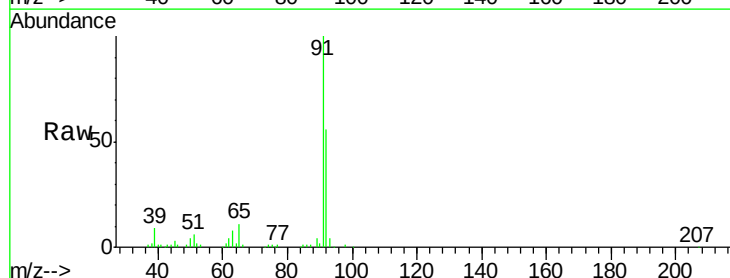
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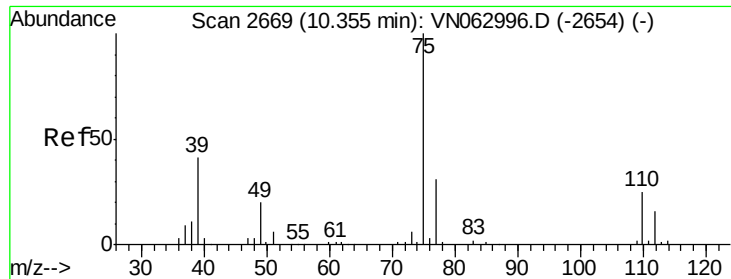
MMDadoda
 8/27/2020 1:28:16 PM



#52
 Toluene
 Concen: 19.464 ug/l
 RT: 10.12 min Scan# 2597
 Delta R.T. -0.00 min
 Lab File: VN063131.D
 Acq: 26 Aug 2020 14:25

Tgt Ion	Ratio	Lower	Upper
92	100		
91	175.0	139.2	208.8





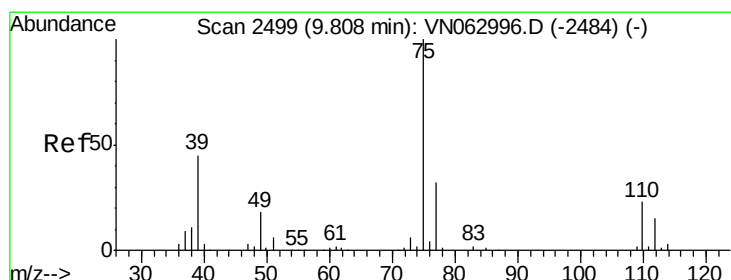
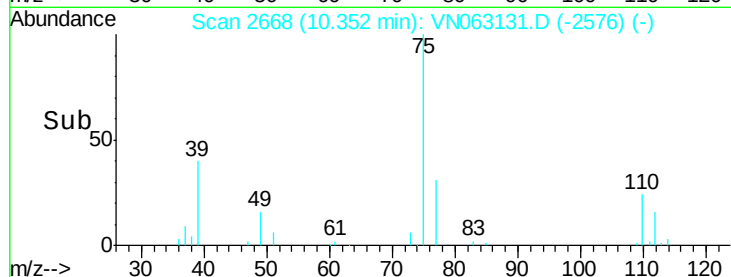
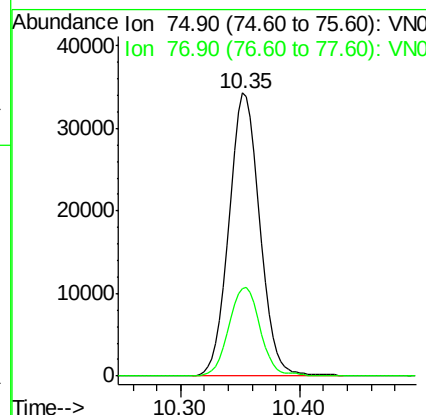
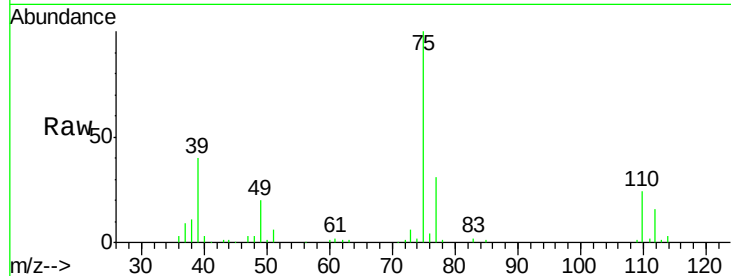
#53
t-1,3-Dichloropropene
Concen: 19.571 ug/l
RT: 10.35 min Scan# 2668
Delta R.T. -0.00 min
Lab File: VN063131.D
Acq: 26 Aug 2020 14:25

Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS01

Tot Ion: 75 Resp: 61588
Ion Ratio Lower Upper
75 100
77 31.2 24.6 37.0

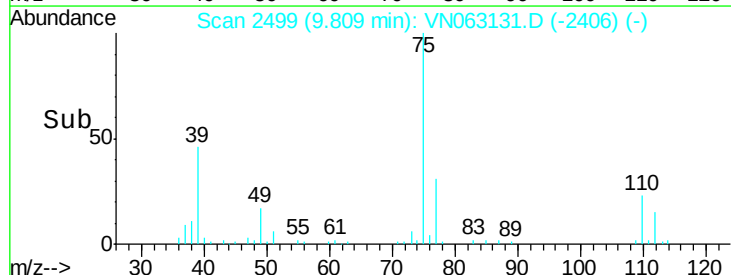
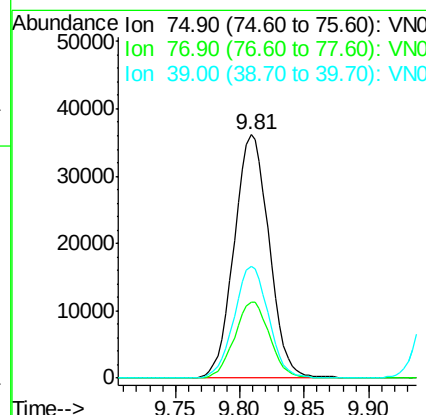
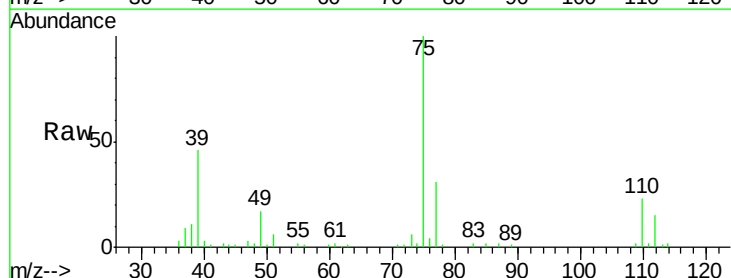
Manual Integrations
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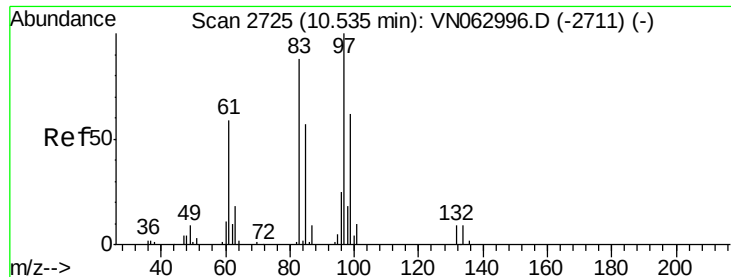
MMDadoda
8/27/2020 1:28:16 PM



#54
cis-1,3-Dichloropropene
Concen: 19.736 ug/l
RT: 9.81 min Scan# 2499
Delta R.T. 0.00 min
Lab File: VN063131.D
Acq: 26 Aug 2020 14:25

Tgt Ion: 75 Resp: 68131
Ion Ratio Lower Upper
75 100
77 31.3 25.4 38.2
39 45.9 35.7 53.5





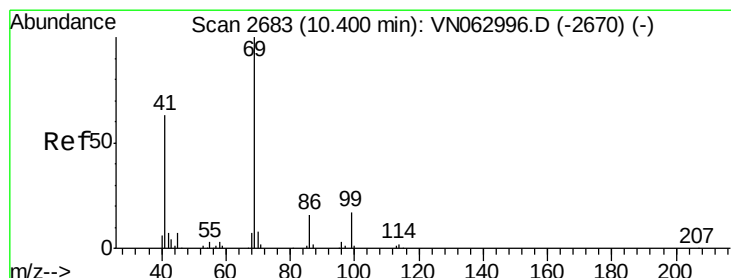
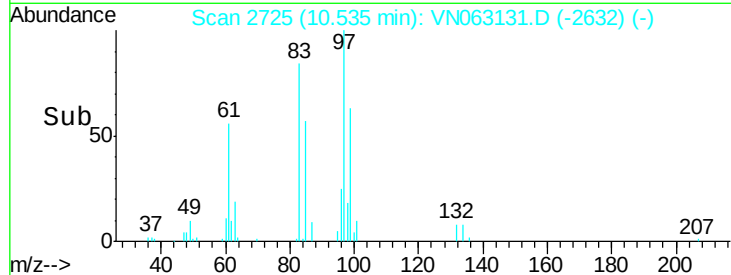
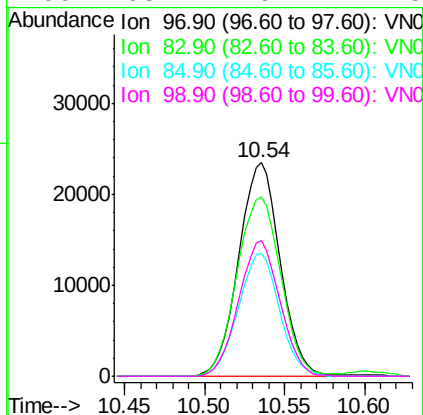
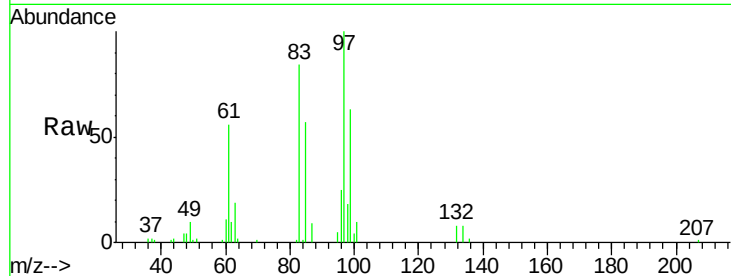
#55
 1,1,2-Trichloroethane
 Concen: 19.400 ug/l
 RT: 10.54 min Scan# 2725
 Delta R.T. 0.00 min
 Lab File: VN063131.D
 Acq: 26 Aug 2020 14:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0826WBS01

Tot Ion:	97	Resp:	41634
Ion	Ratio	Lower	Upper
97	100		
83	84.2	70.5	105.7
85	57.4	45.8	68.6
99	63.4	49.7	74.5

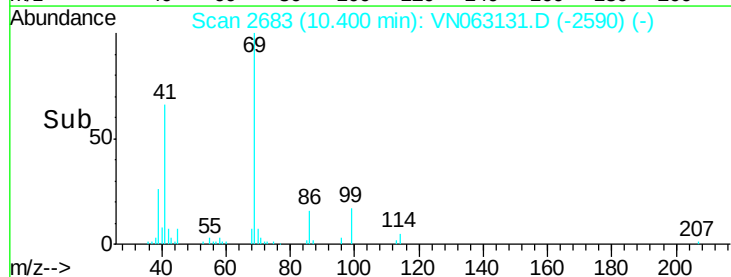
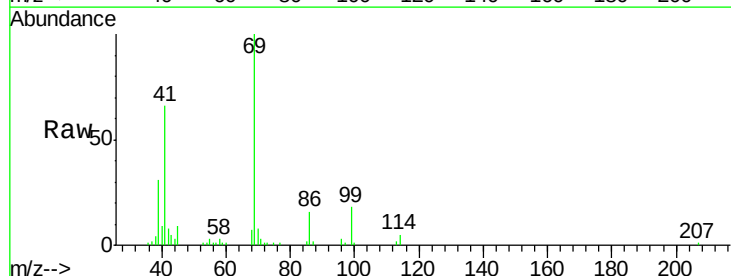
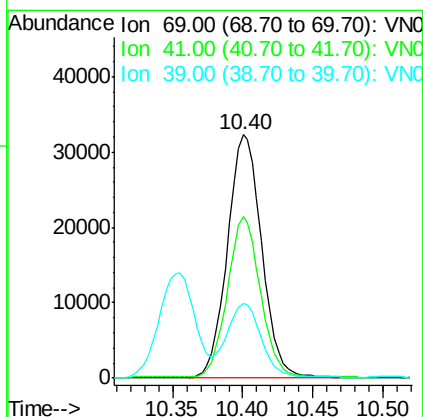
Manual Integrations
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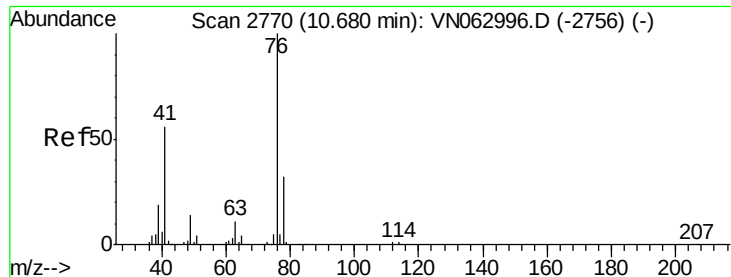
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 8/27/2020 1:28:16 PM



#56
 Ethyl methacrylate
 Concen: 17.743 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. 0.00 min
 Lab File: VN063131.D
 Acq: 26 Aug 2020 14:25

Tgt Ion:	69	Resp:	54954
Ion	Ratio	Lower	Upper
69	100		
41	65.1	50.2	75.2
39	30.2	24.2	36.4





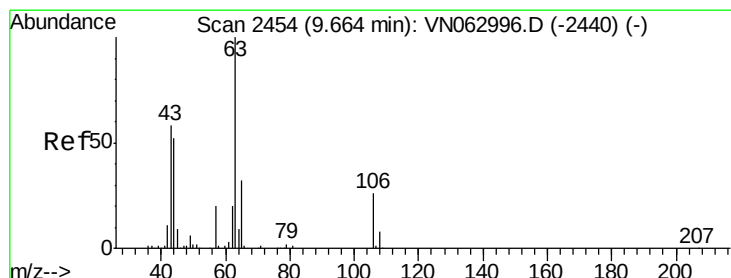
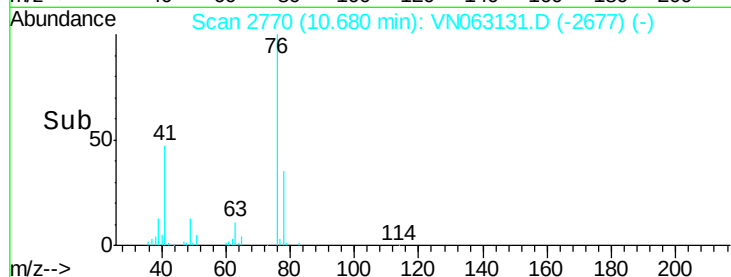
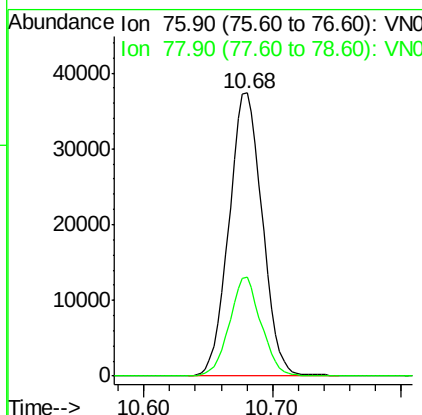
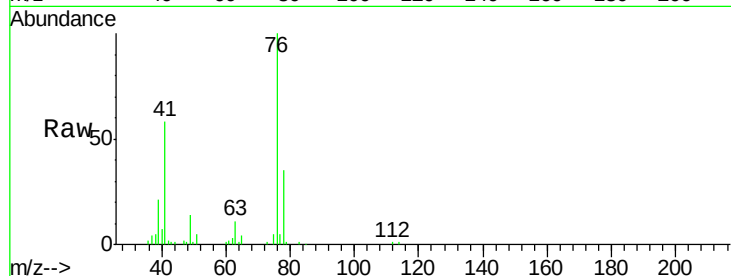
#57
 1,3-Dichloropropane
 Concen: 18.839 ug/l
 RT: 10.68 min Scan# 2770
 Delta R.T. 0.00 min
 Lab File: VN063131.D
 Acq: 26 Aug 2020 14:25

Instrument :
 MSVOA_N
 ClientSampled :
 VN0826WBS01

Tot Ion: 76 Resp: 67137
 Ion Ratio Lower Upper
 76 100
 78 33.1 26.1 39.1

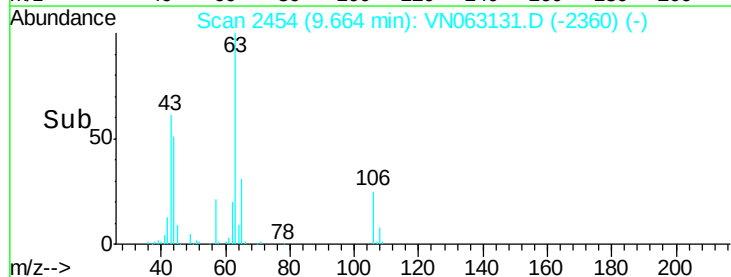
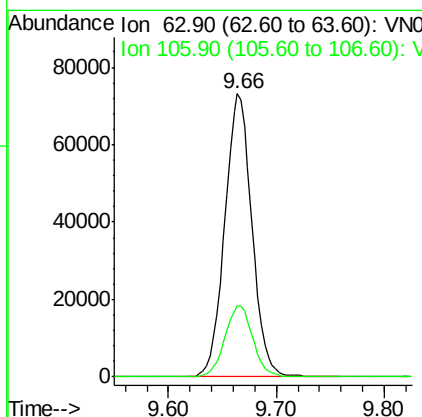
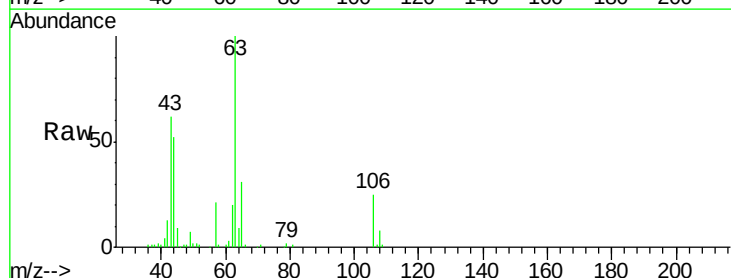
Manual Integrations
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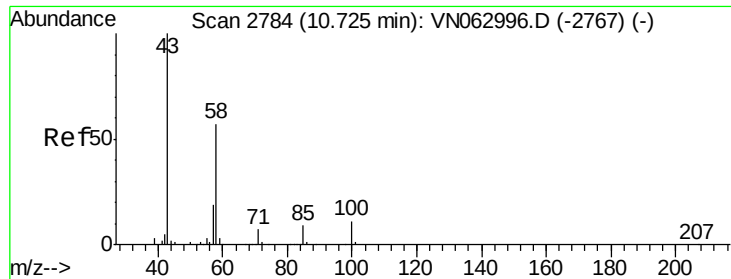
MMDadoda
 8/27/2020 1:28:16 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 163.135 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN063131.D
 Acq: 26 Aug 2020 14:25

Tgt Ion: 63 Resp: 127868
 Ion Ratio Lower Upper
 63 100
 106 25.9 20.7 31.1





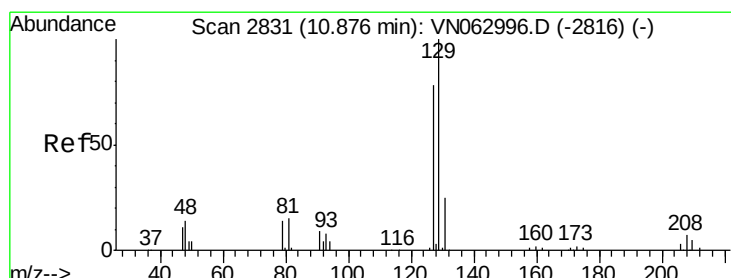
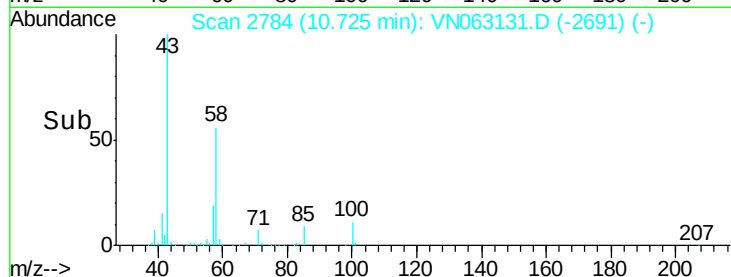
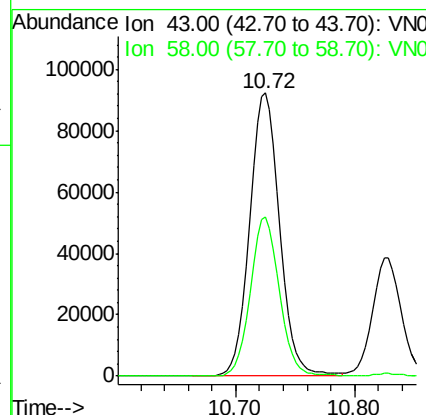
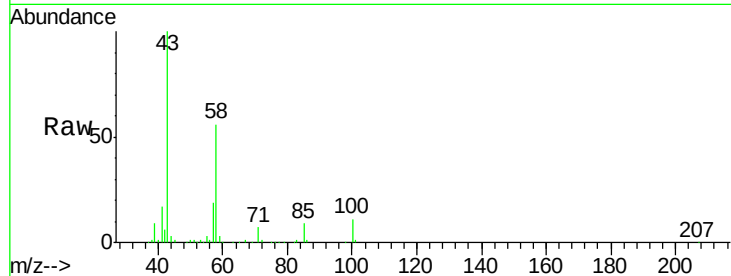
#59
2-Hexanone
Concen: 89.537 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN063131.D
Acq: 26 Aug 2020 14:25

Instrument :
MSVOA_N
ClientSampled :
VN0826WBS01

Tot Ion	43	Resp	160759
Ion Ratio	43	100	
Lower	58	54.7	28.1
Upper			84.3

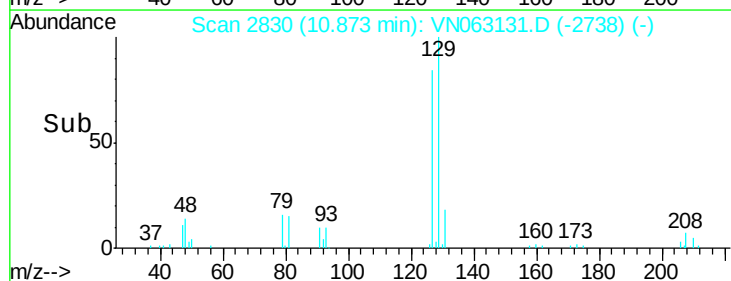
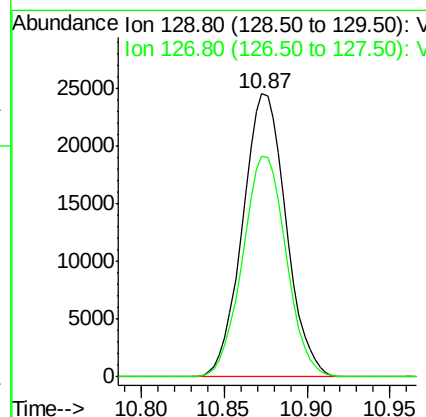
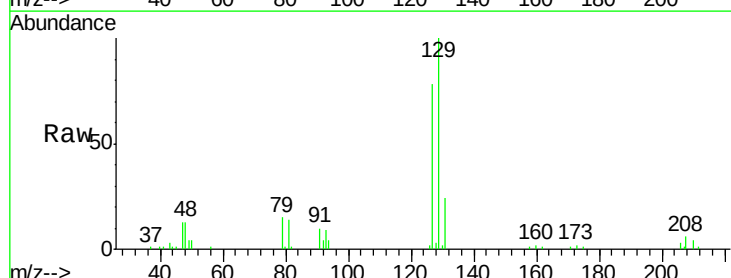
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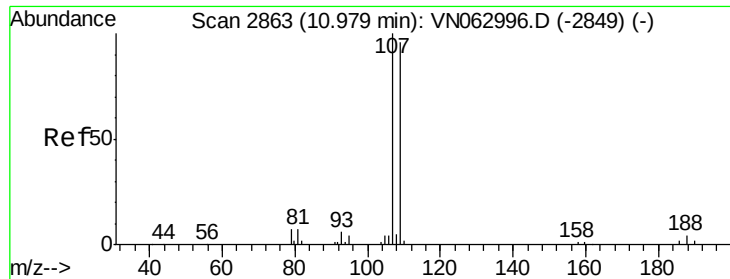
MMDadoda
8/27/2020 1:28:16 PM



#60
Dibromochloromethane
Concen: 18.931 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN063131.D
Acq: 26 Aug 2020 14:25

Tgt Ion	129	Resp	44962
Ion Ratio	129	100	
Lower	127	78.1	38.4
Upper			115.2





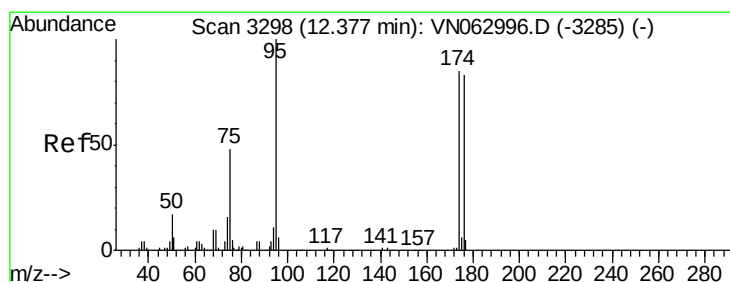
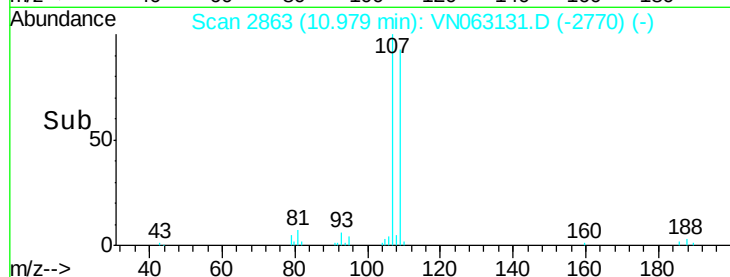
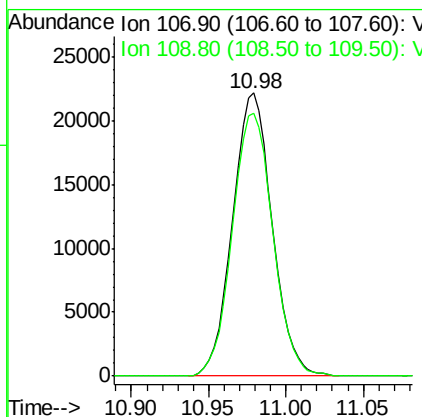
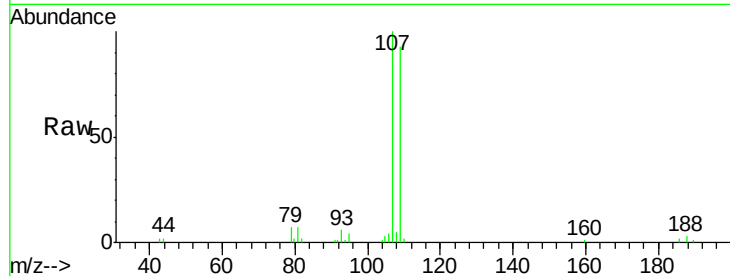
#61
 1,2-Dibromoethane
 Concen: 19.122 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. 0.00 min
 Lab File: VN063131.D
 Acq: 26 Aug 2020 14:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0826WBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.1	75.7	113.5

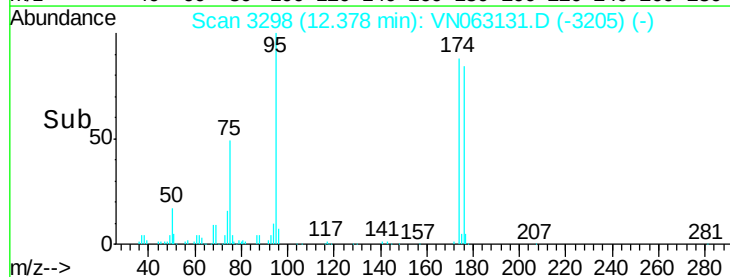
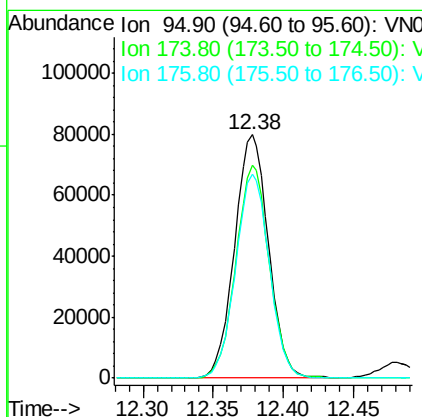
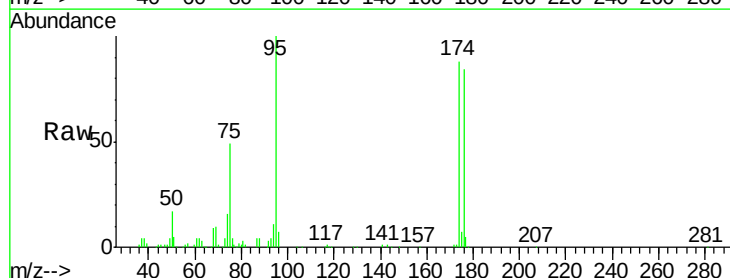
Manual Integrations
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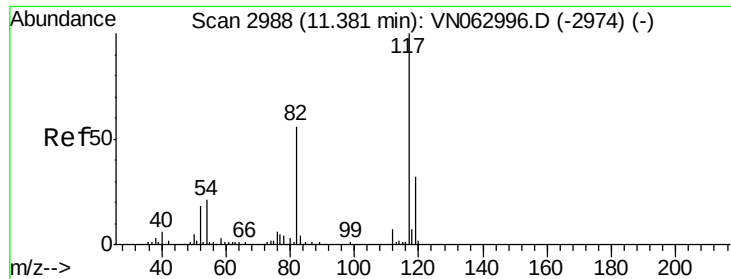
MMDadoda
 8/27/2020 1:28:16 PM



#62
 4-Bromofluorobenzene
 Concen: 51.182 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.00 min
 Lab File: VN063131.D
 Acq: 26 Aug 2020 14:25

Tgt Ion	Ratio	Lower	Upper
95	100		
174	86.1	0.0	170.8
176	83.4	0.0	164.8





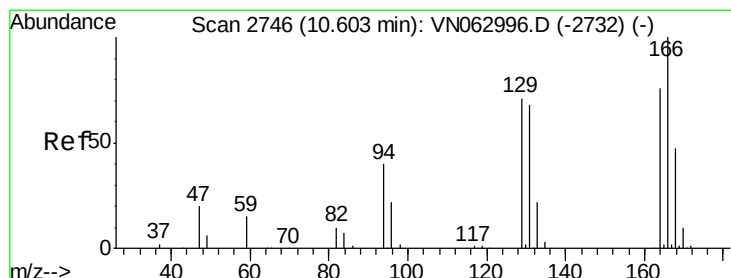
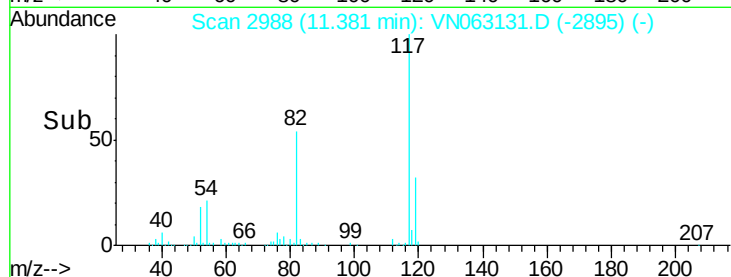
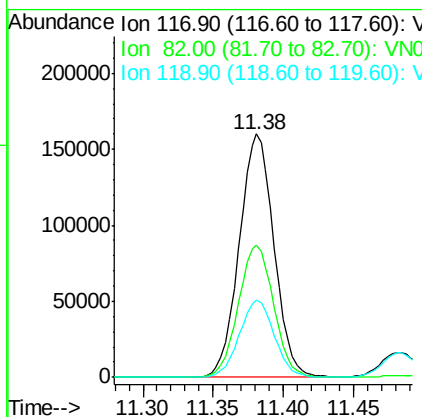
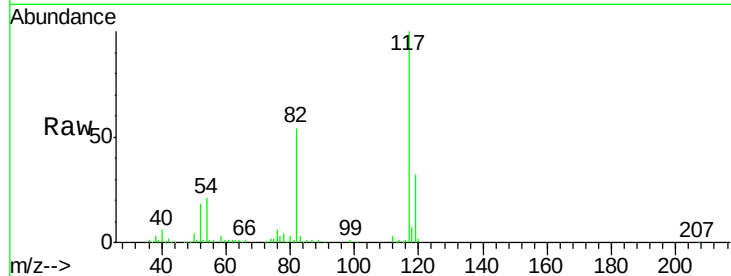
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN063131.D
Acq: 26 Aug 2020 14:25

Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	275738		
82	54.4		44.5	66.7
119	31.8		25.5	38.3

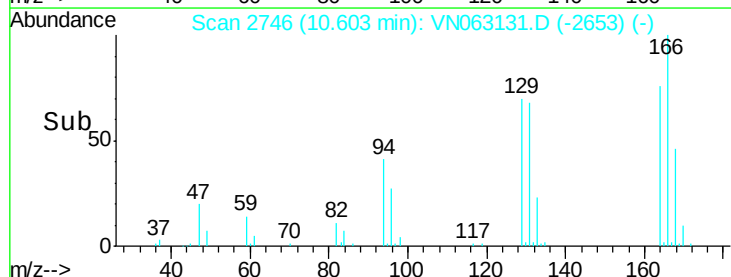
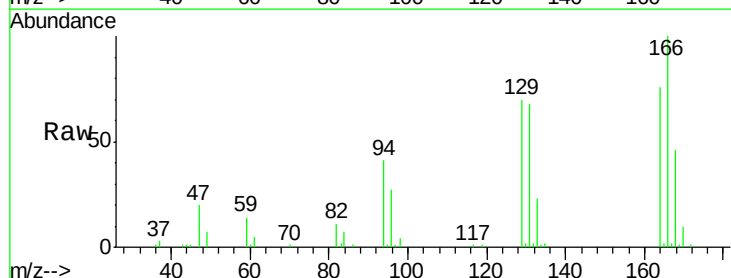
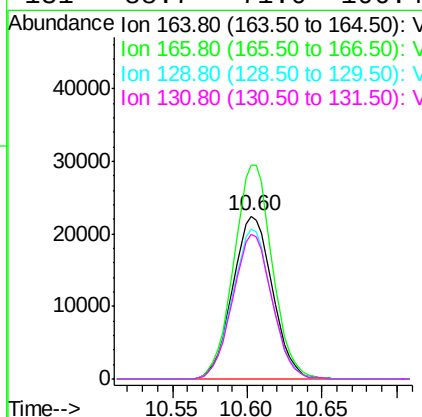
Manual Integrations
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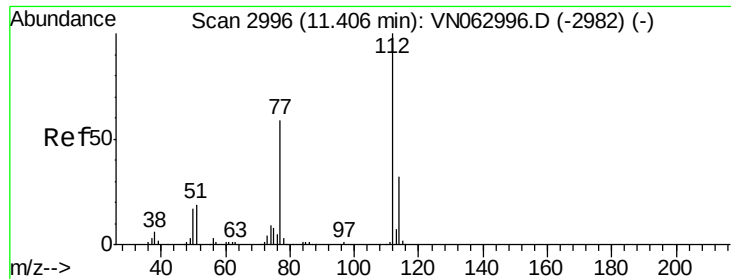
MMDadoda
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#64
Tetrachloroethene
Concen: 22.949 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. 0.00 min
Lab File: VN063131.D
Acq: 26 Aug 2020 14:25

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	41597		
166	131.1		105.0	157.6
129	92.2		74.7	112.1
131	88.7		71.0	106.4





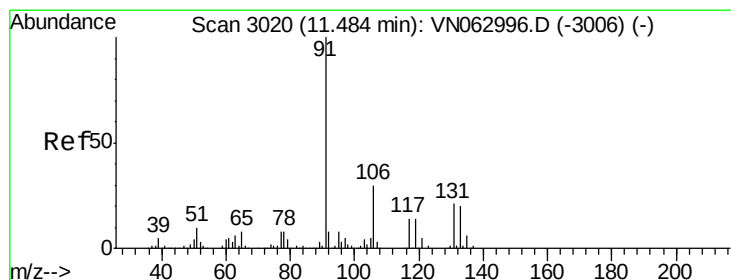
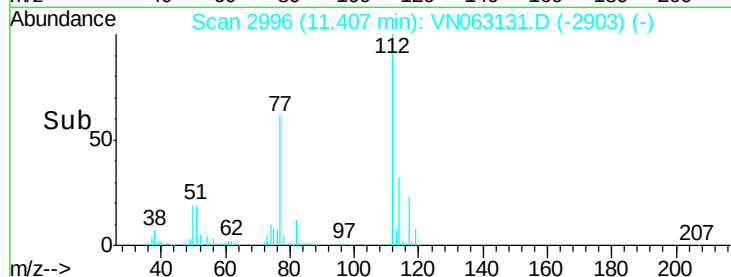
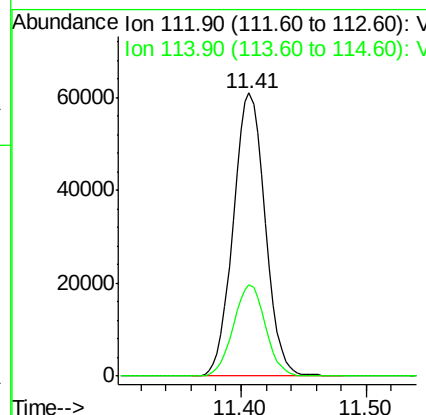
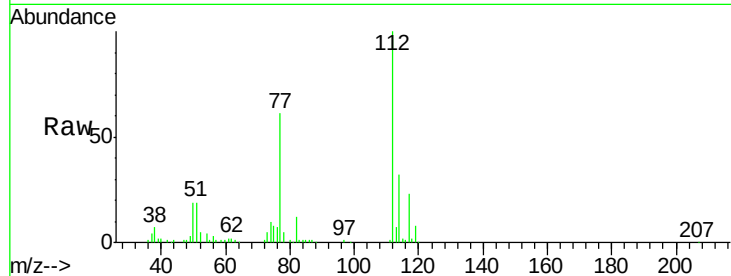
#65
Chlorobenzene
Concen: 19.434 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN063131.D
Acq: 26 Aug 2020 14:25

Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.4	25.3	37.9

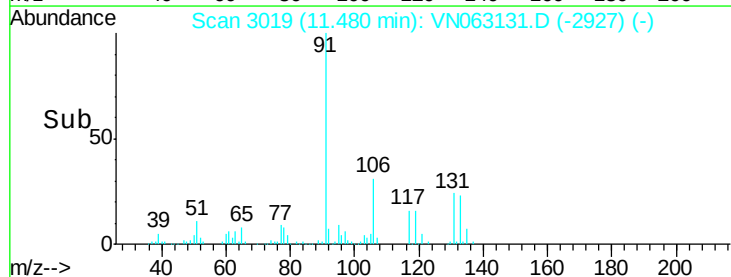
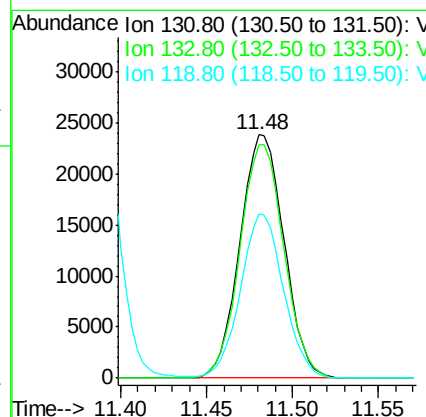
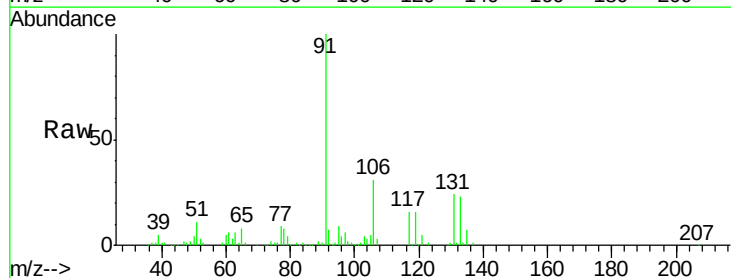
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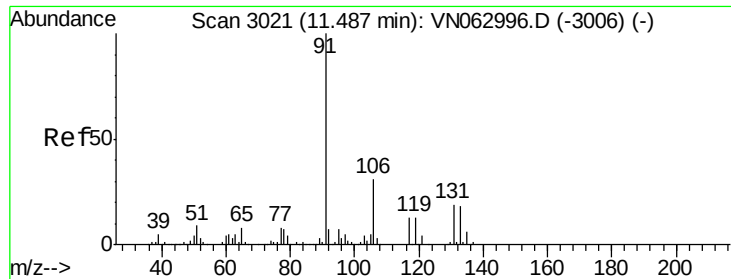
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.730 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN063131.D
Acq: 26 Aug 2020 14:25

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.7	47.5	142.6
119	65.9	33.1	99.3





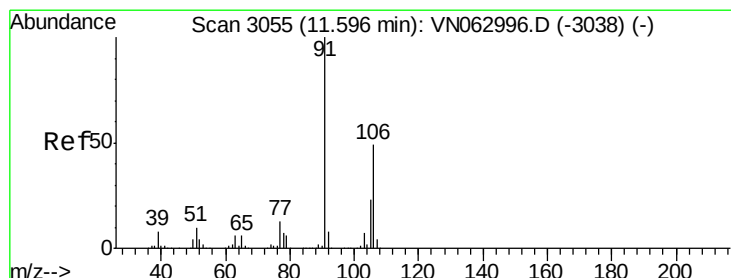
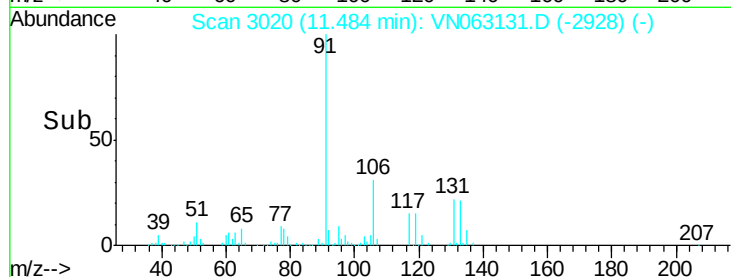
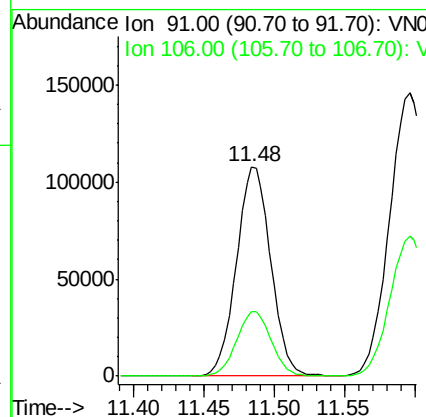
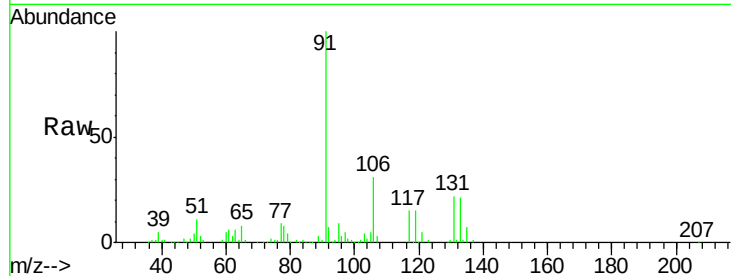
#67
Ethyl Benzene
Concen: 19.653 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN063131.D
Acq: 26 Aug 2020 14:25

Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS01

Tot Ion: 91 Resp: 183897
Ion Ratio Lower Upper
91 100
106 30.8 24.6 37.0

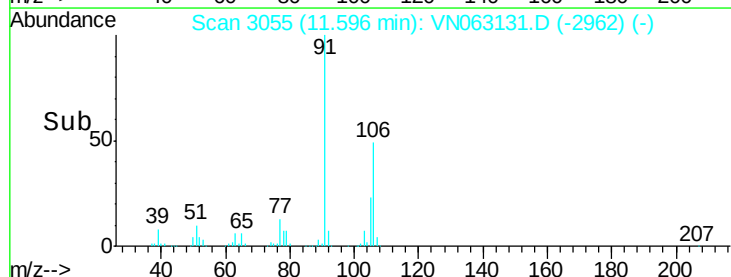
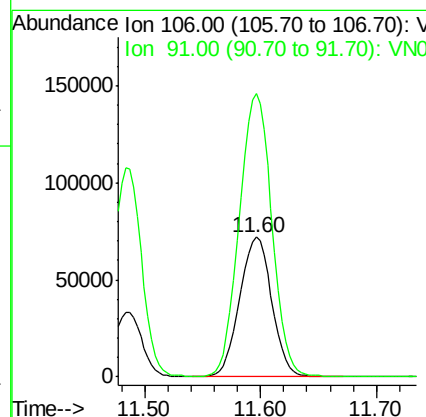
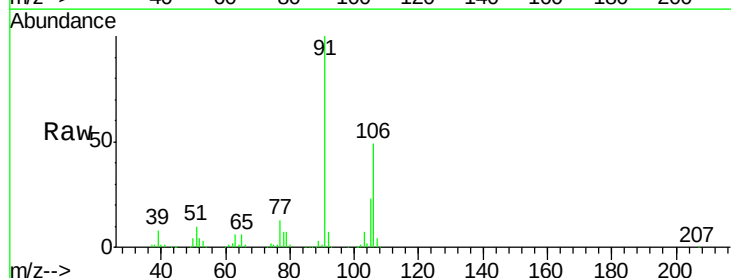
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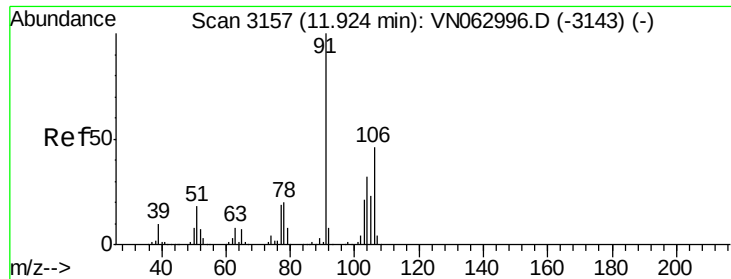
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#68
m/p-Xylenes
Concen: 39.897 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN063131.D
Acq: 26 Aug 2020 14:25

Tgt Ion: 106 Resp: 138753
Ion Ratio Lower Upper
106 100
91 204.9 163.0 244.4





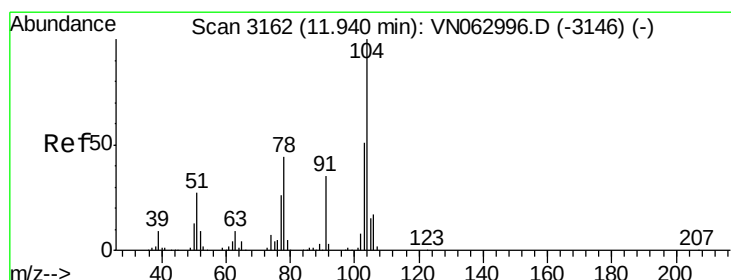
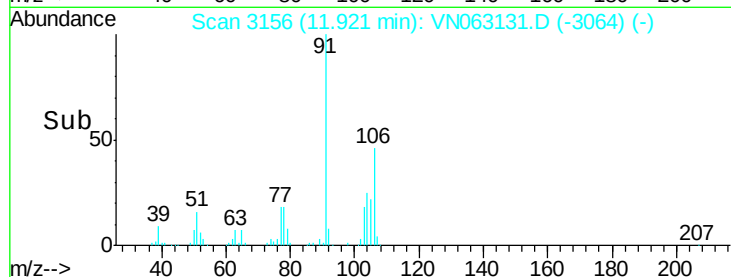
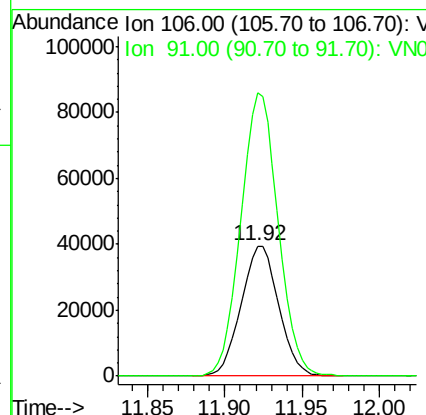
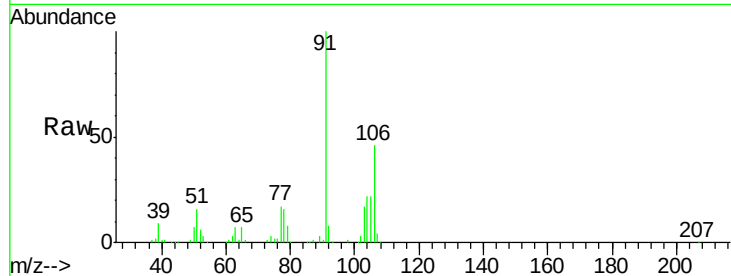
#69
o-Xylene
Concen: 19.930 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN063131.D
Acq: 26 Aug 2020 14:25

Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		66561		
91	216.5	107.3	321.9		

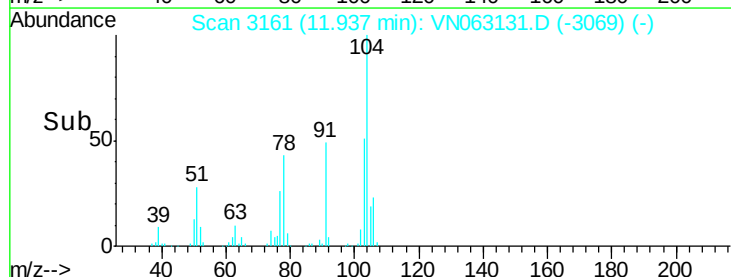
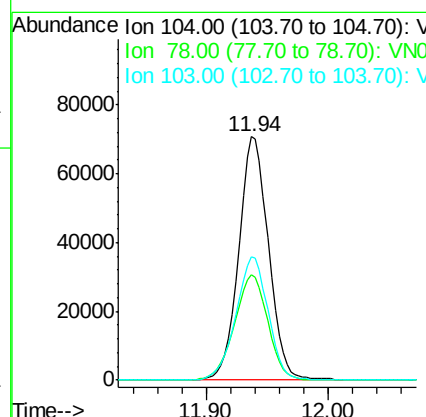
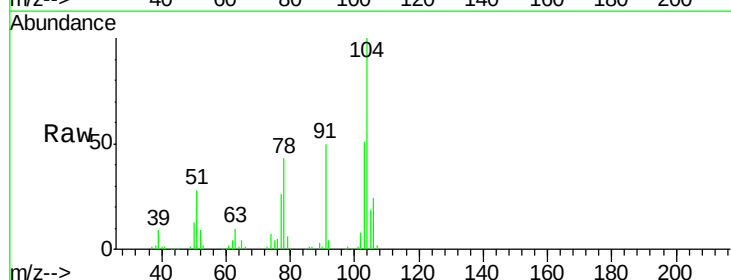
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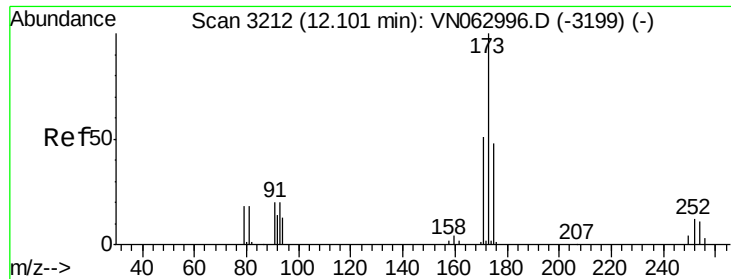
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#70
Styrene
Concen: 19.282 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN063131.D
Acq: 26 Aug 2020 14:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		119644		
78	48.3	39.0	58.6		
103	54.8	44.3	66.5		





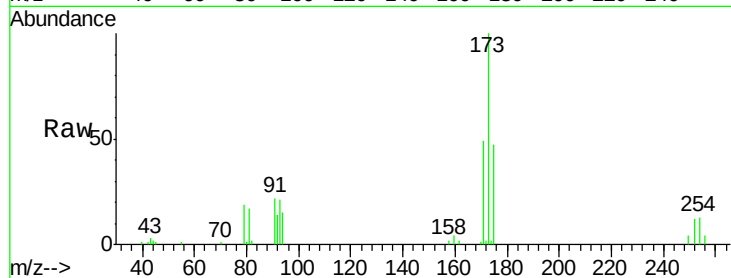
#71
Bromoform
Concen: 18.990 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. 0.00 min
Lab File: VN063131.D
Acq: 26 Aug 2020 14:25

Instrument :
MSVOA_N
ClientSampled :
VN0826WBS01

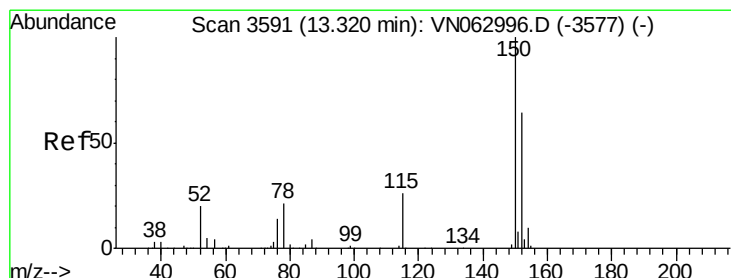
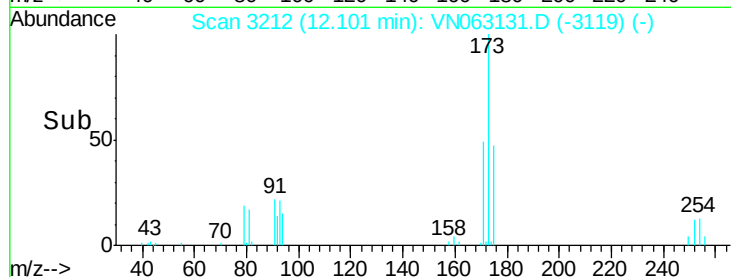
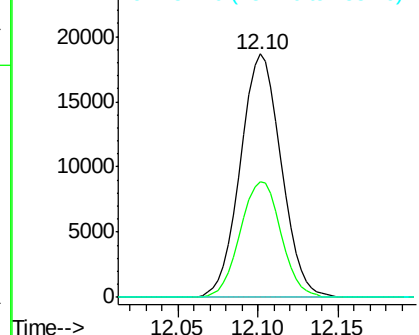
Tot Ion	Ratio	Lower	Upper
173	100		
175	47.4	24.3	72.8
254	0.0	0.0	0.0

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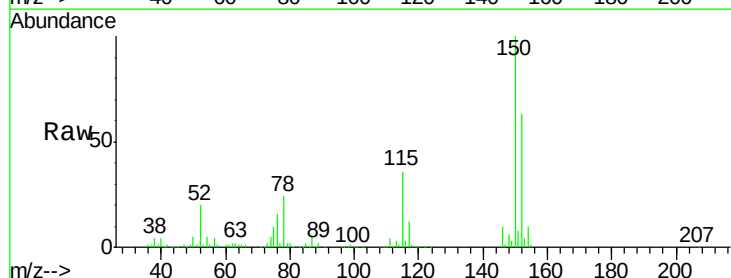


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

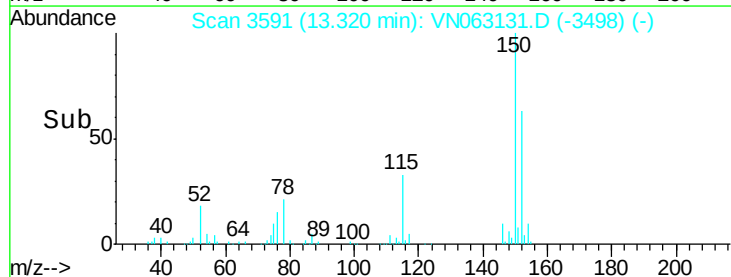
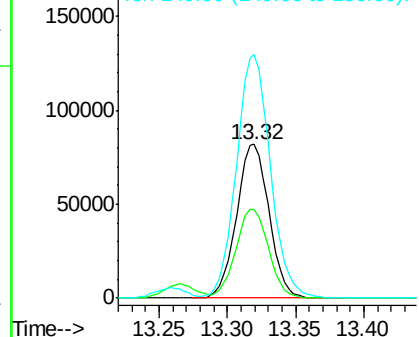


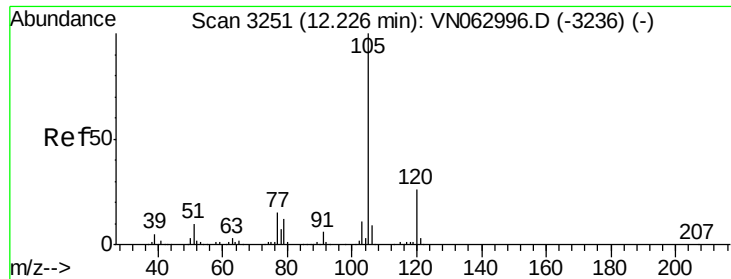
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN063131.D
Acq: 26 Aug 2020 14:25

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.2	28.7	86.3
150	166.2	0.0	348.8



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





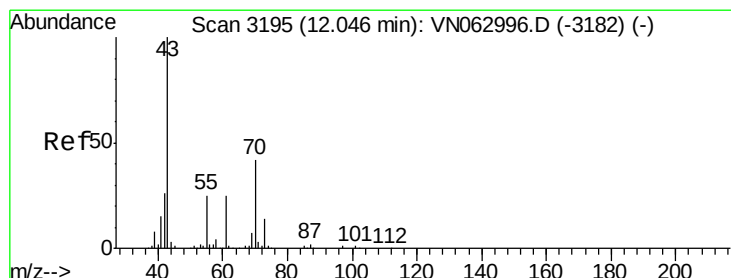
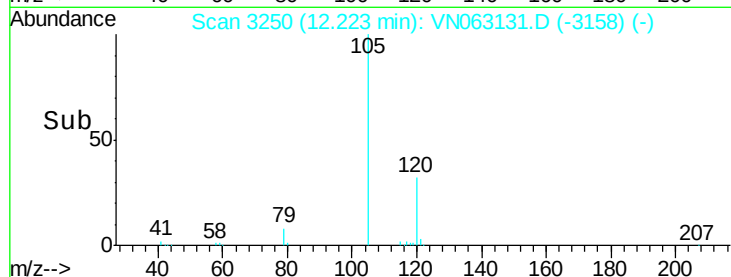
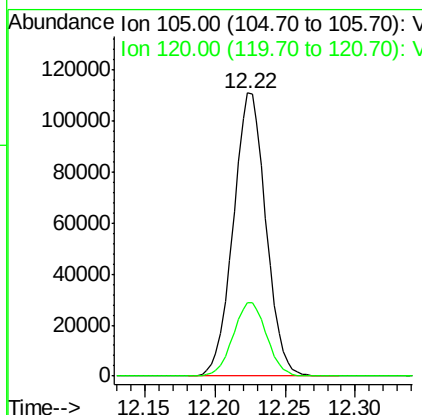
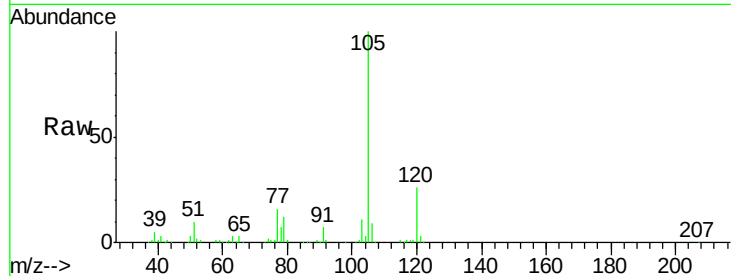
#73
Isopropylbenzene
Concen: 19.418 ug/l
RT: 12.22 min Scan# 3250
Delta R.T. -0.00 min
Lab File: VN063131.D
Acq: 26 Aug 2020 14:25

Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.6	13.2	39.6

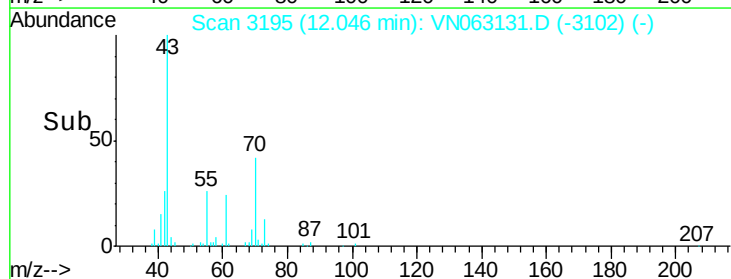
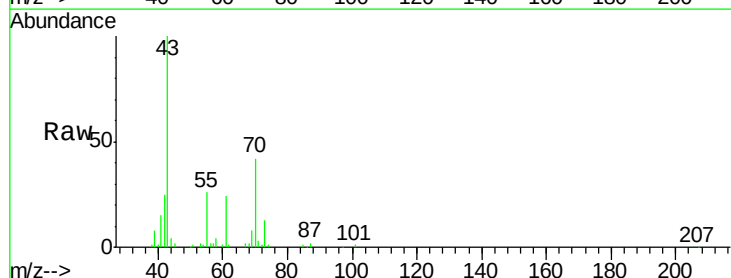
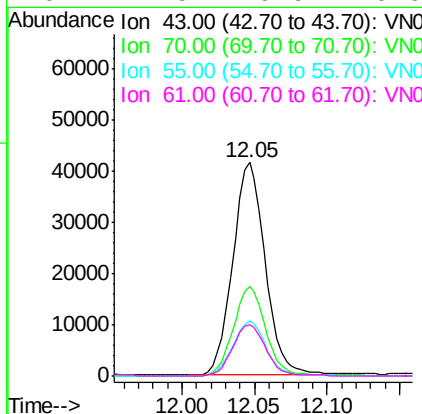
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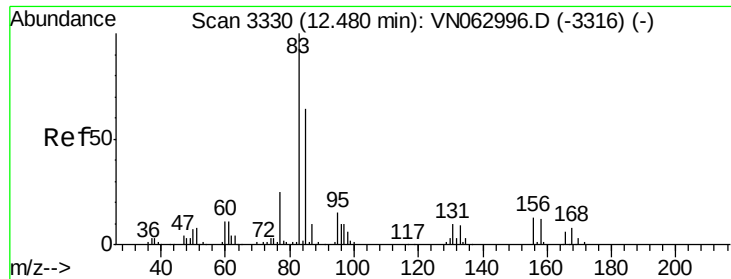
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#74
N-ethyl acetate
Concen: 19.477 ug/l
RT: 12.05 min Scan# 3195
Delta R.T. 0.00 min
Lab File: VN063131.D
Acq: 26 Aug 2020 14:25

Tgt Ion	Ratio	Lower	Upper
43	100		
70	42.2	33.4	50.0
55	26.3	20.2	30.2
61	24.5	19.9	29.9





#75

1,1,2,2-Tetrachloroethane

Concen: 17.917 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN063131.D

Acq: 26 Aug 2020 14:25

Instrument :

MSVOA_N

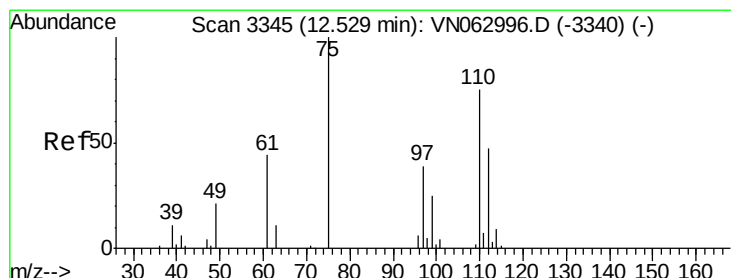
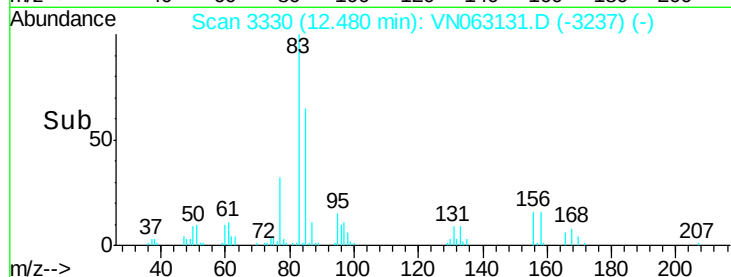
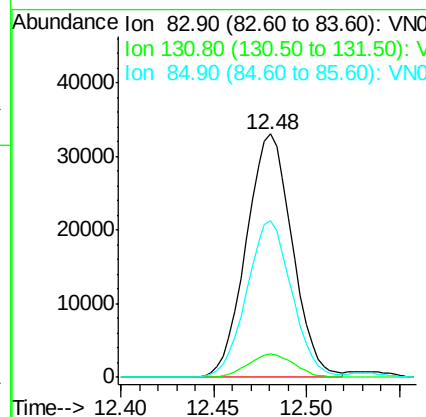
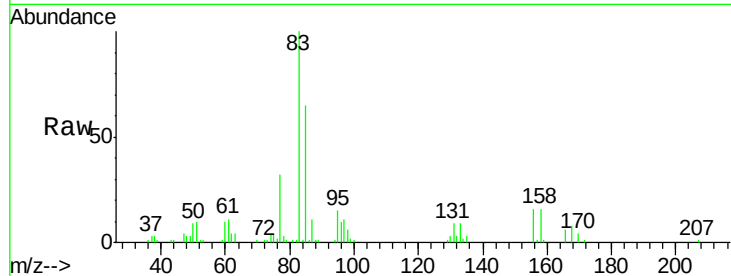
ClientSampleId :

VN0826WBS01

Tot Ion:	83	Resp:	56877
Ion Ratio	Lower	Upper	
83	100		
131	9.5	4.9	14.7
85	63.1	31.9	95.5

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 18.358 ug/l m

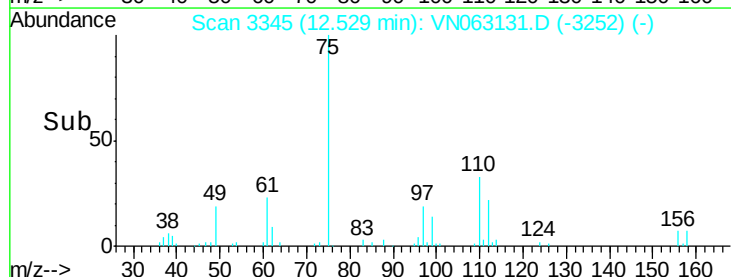
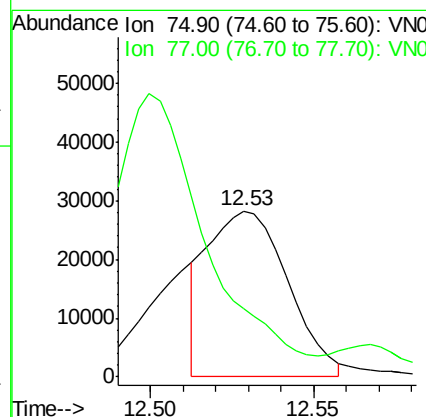
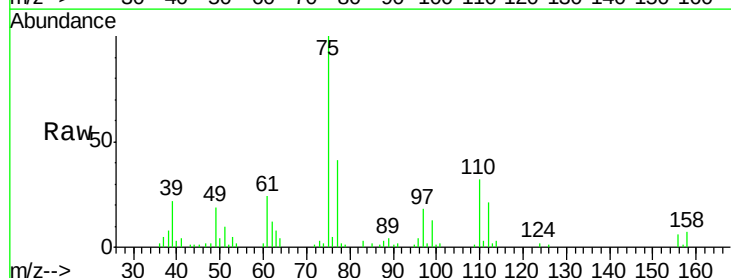
RT: 12.53 min Scan# 3345

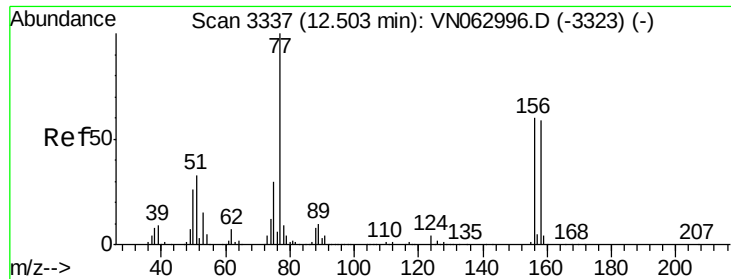
Delta R.T. 0.00 min

Lab File: VN063131.D

Acq: 26 Aug 2020 14:25

Tgt Ion:	75	Resp:	48345
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.345 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN063131.D

Acq: 26 Aug 2020 14:25

Instrument :

MSVOA_N

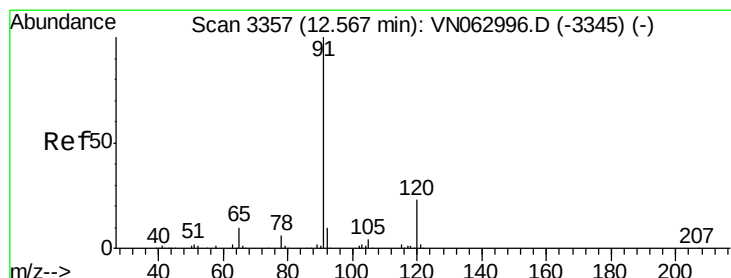
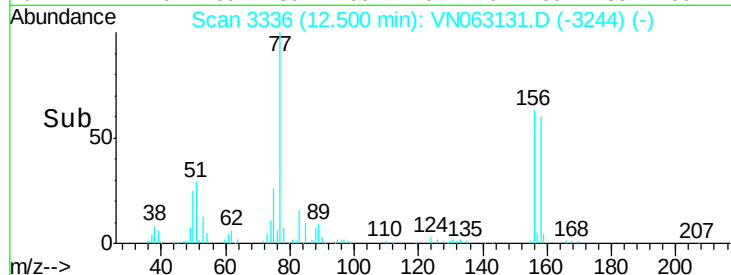
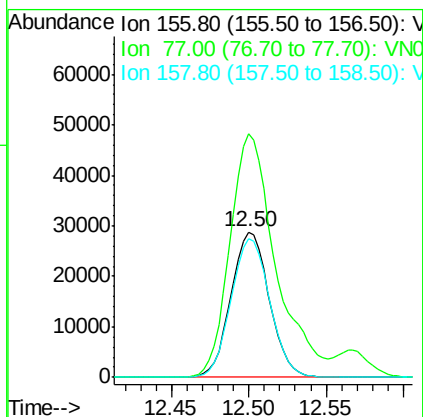
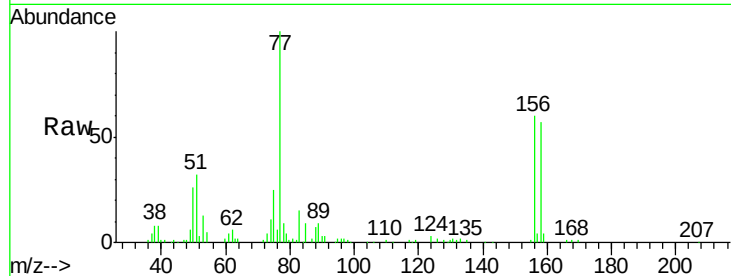
ClientSampleId :

VN0826WBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	201.0	101.0	302.9
158	96.6	49.4	148.0

Manual Integrations
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#78

n-propylbenzene

Concen: 19.992 ug/l

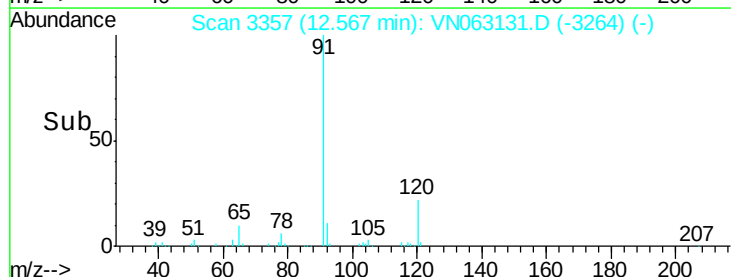
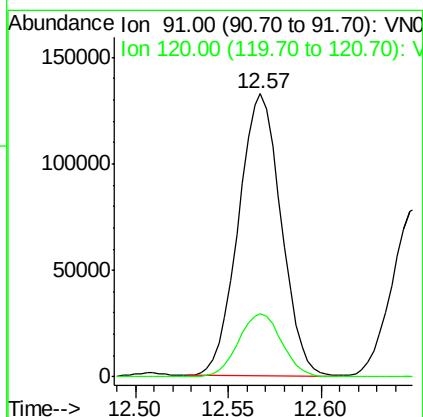
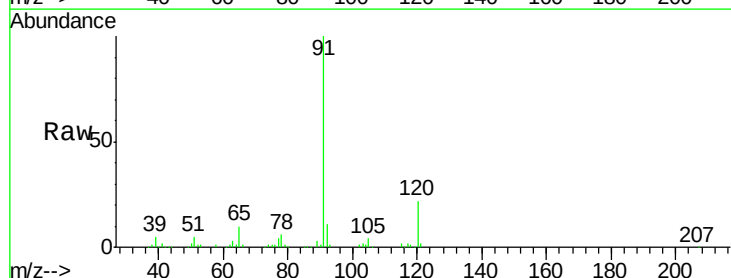
RT: 12.57 min Scan# 3357

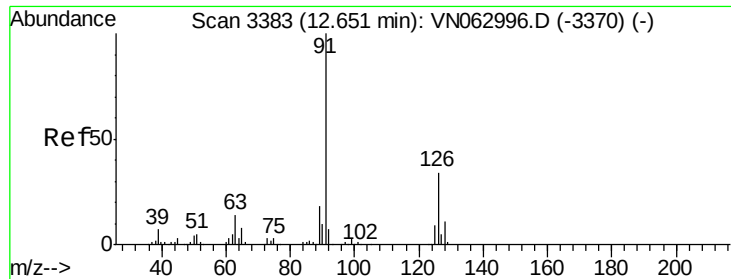
Delta R.T. 0.00 min

Lab File: VN063131.D

Acq: 26 Aug 2020 14:25

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.7	11.4	34.1





#79

2-Chlorotoluene

Concen: 19.335 ug/l

RT: 12.65 min Scan# 3383

Delta R.T. 0.00 min

Lab File: VN063131.D

Acq: 26 Aug 2020 14:25

Instrument :

MSVOA_N

ClientSampled :

VN0826WBS01

Tot Ion: 91 Resp: 128608

Ion Ratio Lower Upper

91 100

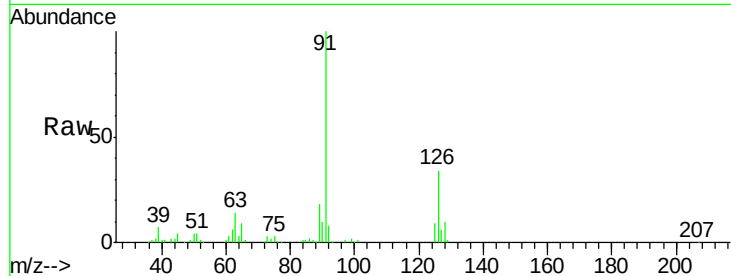
126 34.1 17.1 51.2

Manual Integrations

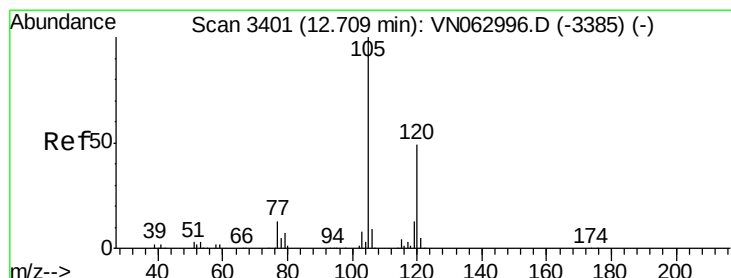
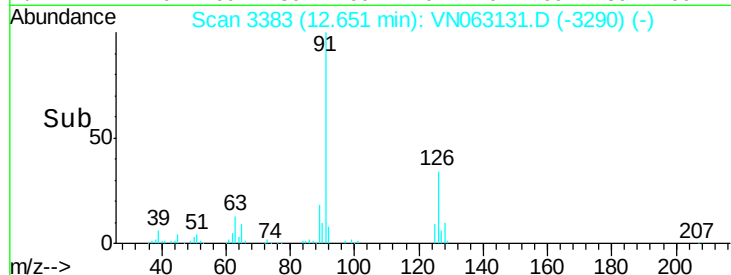
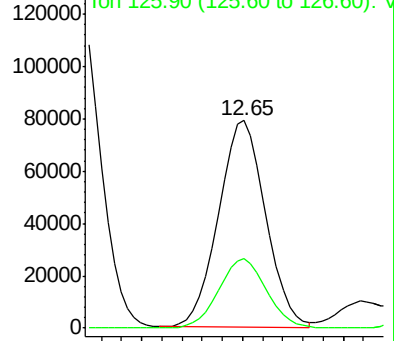
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Abundance Ion 91.00 (90.70 to 91.70): VN063131.D (-3290) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.567 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. 0.00 min

Lab File: VN063131.D

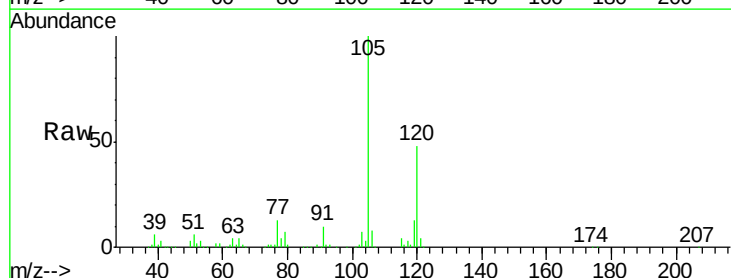
Acq: 26 Aug 2020 14:25

Tgt Ion: 105 Resp: 157742

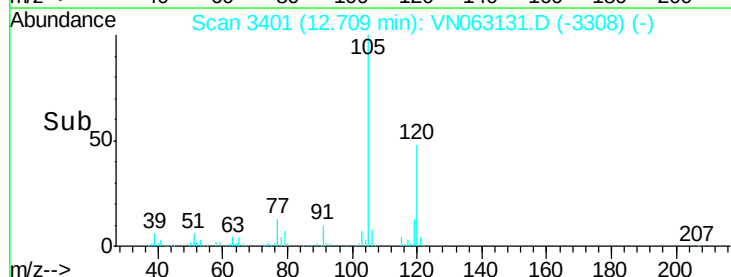
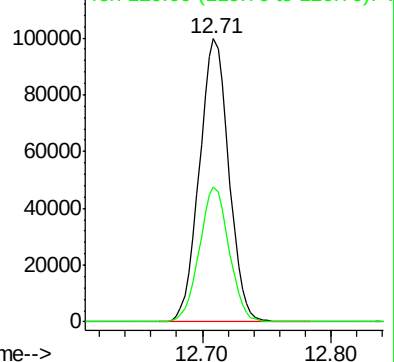
Ion Ratio Lower Upper

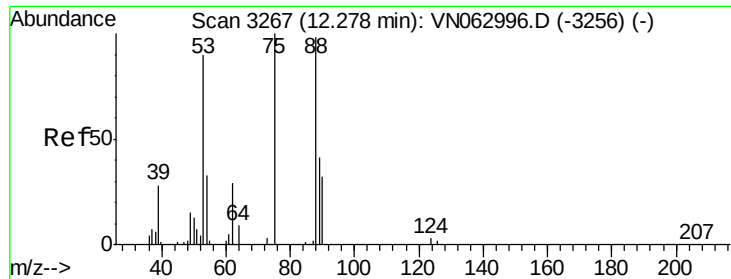
105 100

120 47.9 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VN063131.D (-3308) (-)





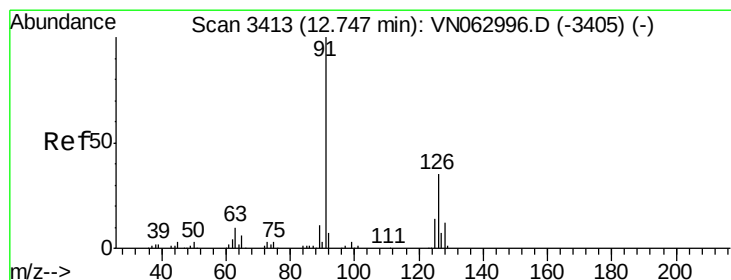
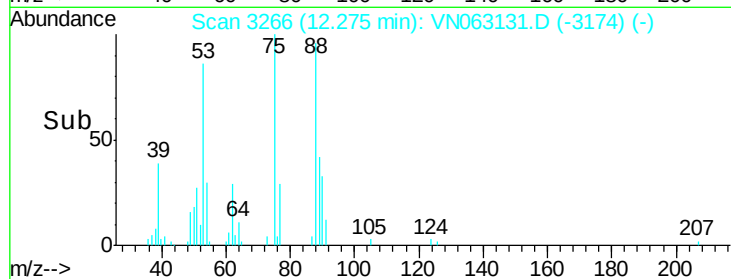
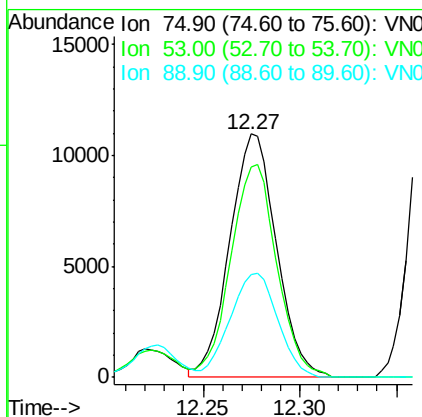
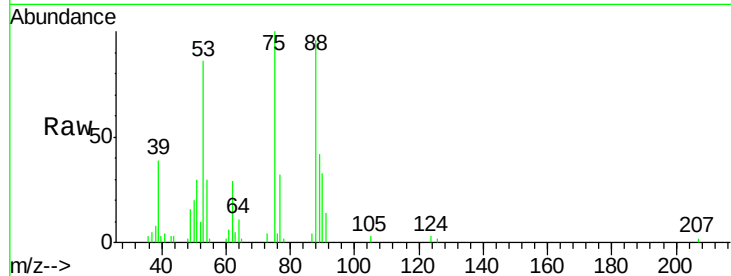
#81
trans-1,4-Dichloro-2-butene
Concen: 19.219 ug/l
RT: 12.27 min Scan# 3266
Delta R.T. -0.00 min
Lab File: VN063131.D
Acq: 26 Aug 2020 14:25

Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	86.6	69.2	103.8
89	43.9	34.2	51.4

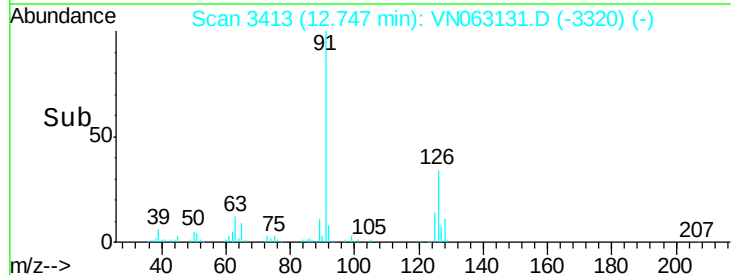
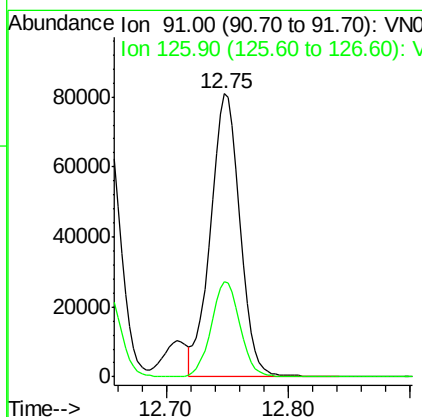
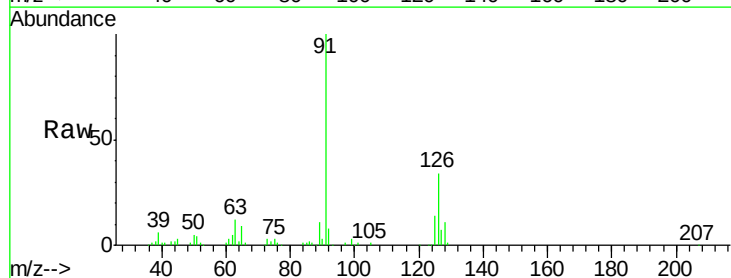
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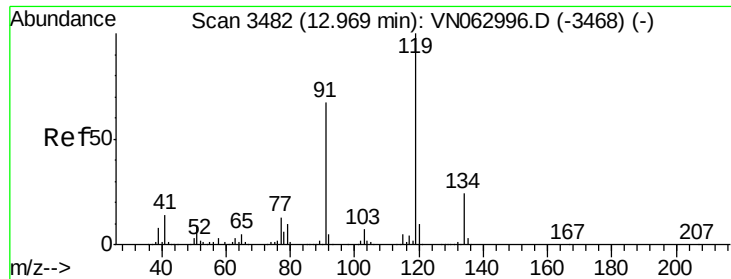
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#82
4-Chlorotoluene
Concen: 20.074 ug/l
RT: 12.75 min Scan# 3413
Delta R.T. 0.00 min
Lab File: VN063131.D
Acq: 26 Aug 2020 14:25

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.2	16.5	49.5





#83

tert-Butylbenzene

Concen: 19.929 ug/l

RT: 12.97 min Scan# 3482

Delta R.T. 0.00 min

Lab File: VN063131.D

Acq: 26 Aug 2020 14:25

Instrument :

MSVOA_N

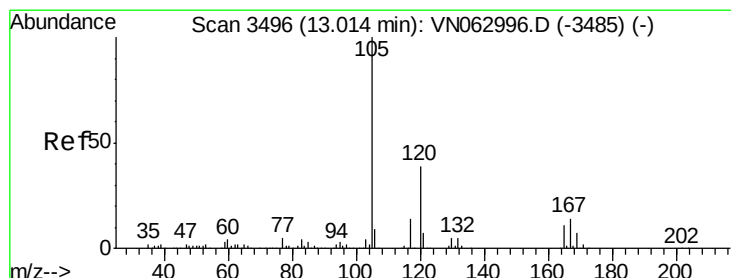
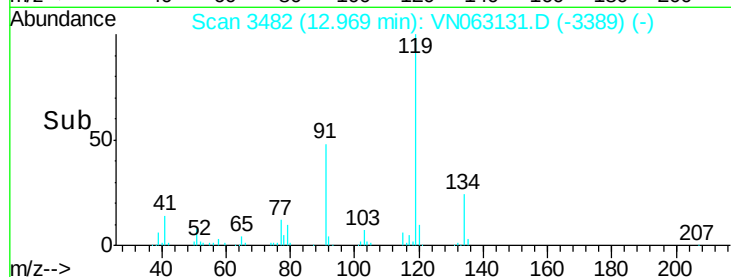
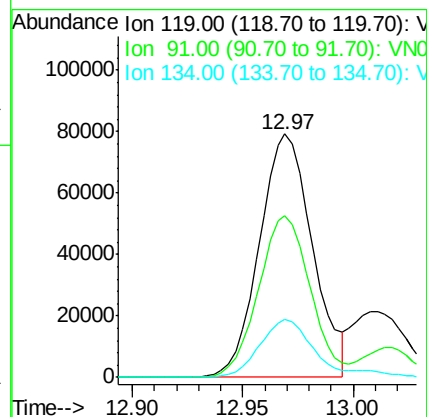
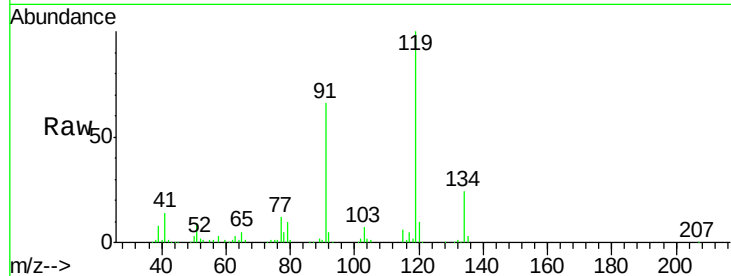
ClientSampleId :

VN0826WBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	65.0	32.5	97.4
134	25.2	13.1	39.3

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 20.872 ug/l

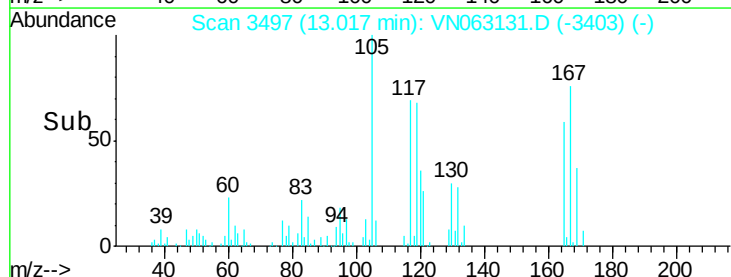
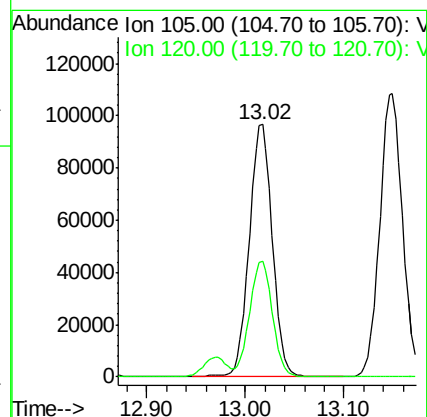
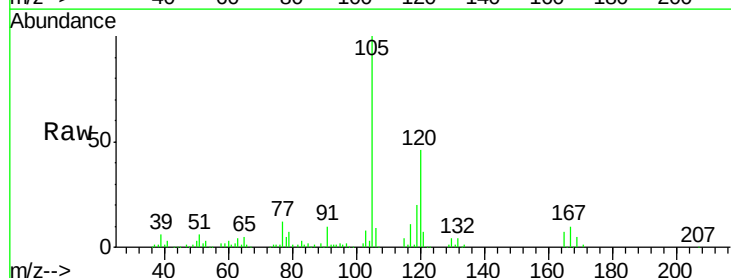
RT: 13.02 min Scan# 3497

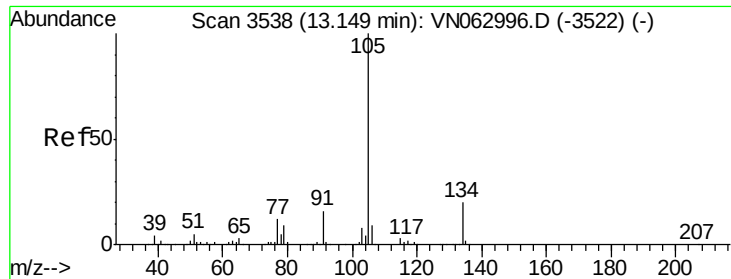
Delta R.T. 0.00 min

Lab File: VN063131.D

Acq: 26 Aug 2020 14:25

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.3	22.5	67.5





#85

sec-Butylbenzene

Concen: 19.540 ug/l

RT: 13.15 min Scan# 3538

Delta R.T. 0.00 min

Lab File: VN063131.D

Acq: 26 Aug 2020 14:25

Instrument :

MSVOA_N

ClientSampleId :

VN0826WBS01

Tot Ion:105 Resp: 174813

Ion Ratio Lower Upper

105 100

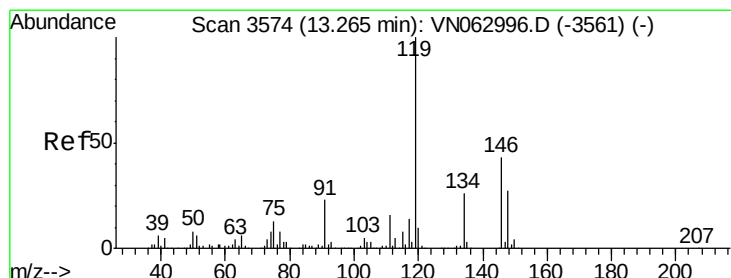
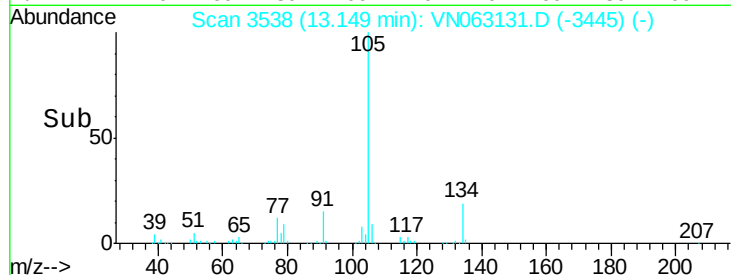
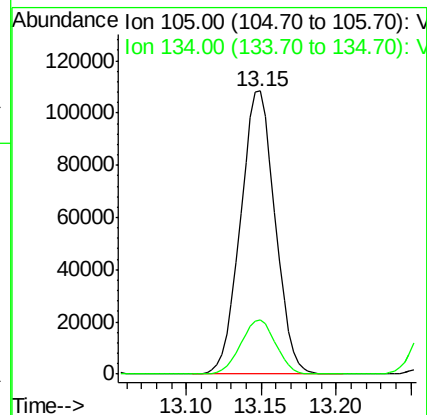
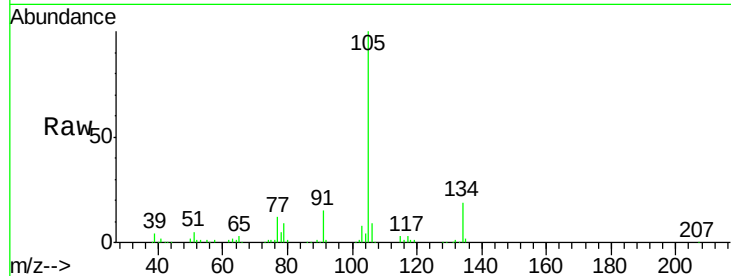
134 19.3 9.8 29.4

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 20.250 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. 0.00 min

Lab File: VN063131.D

Acq: 26 Aug 2020 14:25

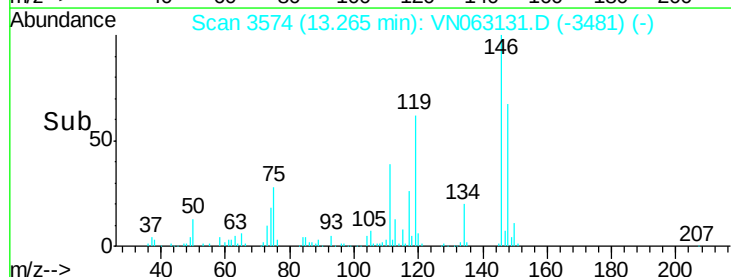
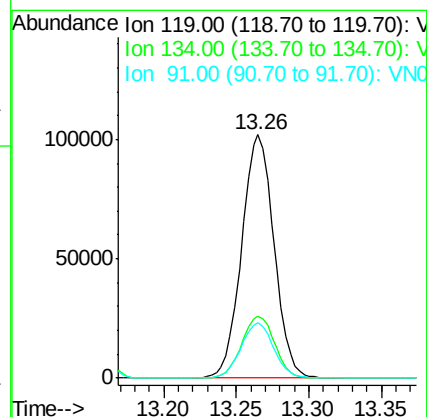
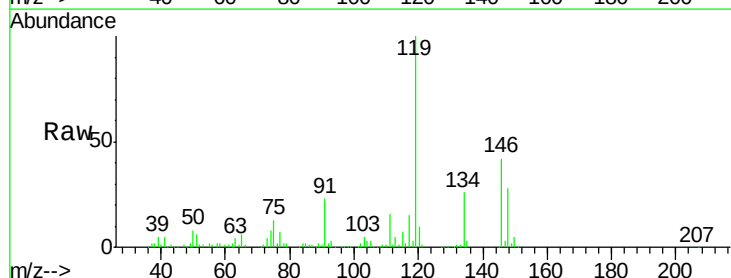
Tgt Ion:119 Resp: 157856

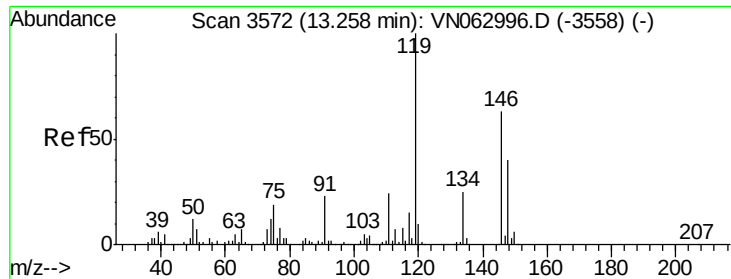
Ion Ratio Lower Upper

119 100

134 26.1 13.1 39.3

91 23.1 11.5 34.4





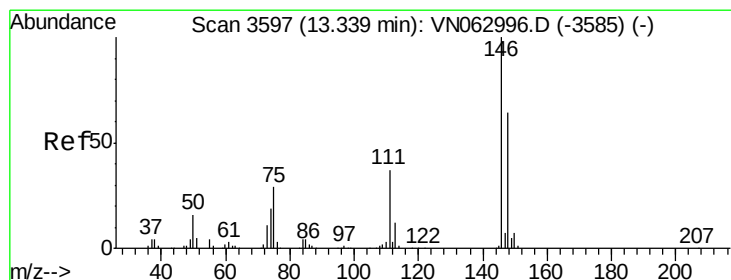
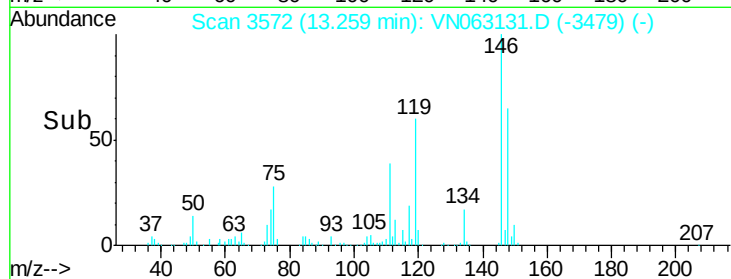
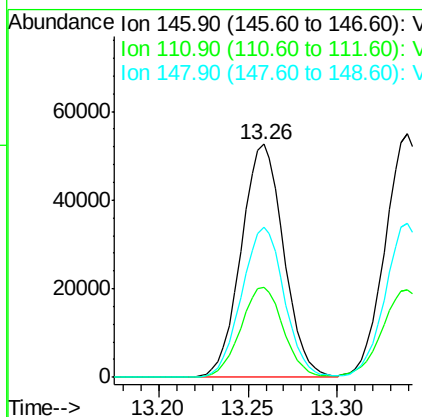
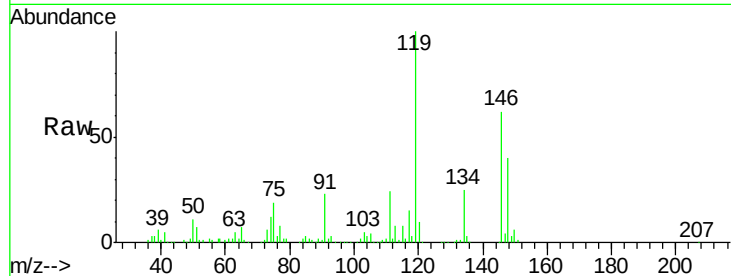
#87
 1,3-Dichlorobenzene
 Concen: 19.946 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VN063131.D
 Acq: 26 Aug 2020 14:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0826WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.4	58.1
148	64.8	32.0	96.0

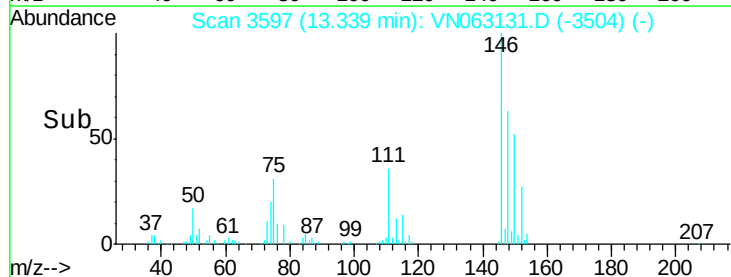
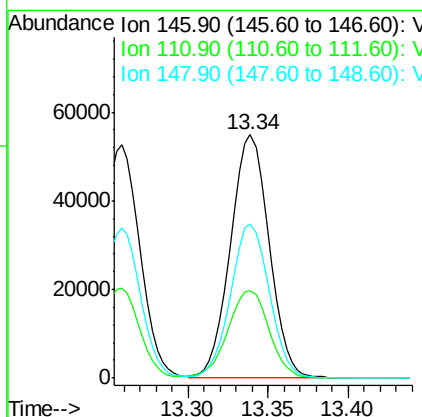
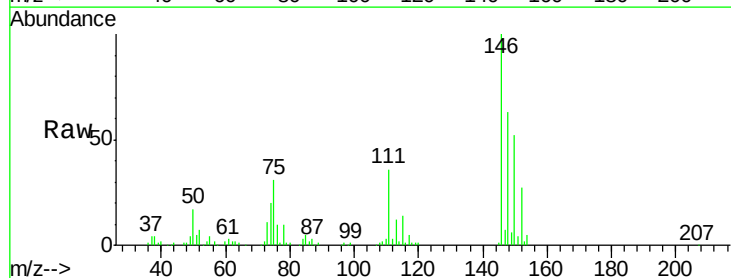
Manual Integrations
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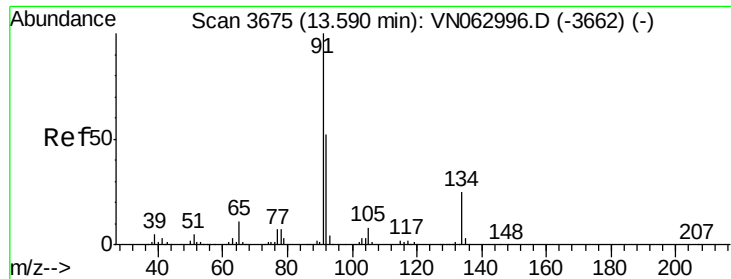
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#88
 1,4-Dichlorobenzene
 Concen: 20.192 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VN063131.D
 Acq: 26 Aug 2020 14:25

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.6	18.8	56.4
148	64.0	32.4	97.0





#89

n-Butylbenzene

Concen: 20.260 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. 0.00 min

Lab File: VN063131.D

Acq: 26 Aug 2020 14:25

Instrument :

MSVOA_N

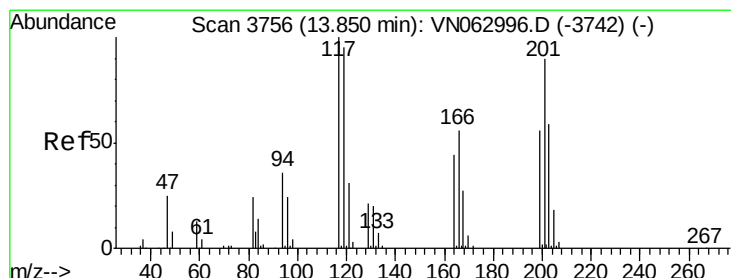
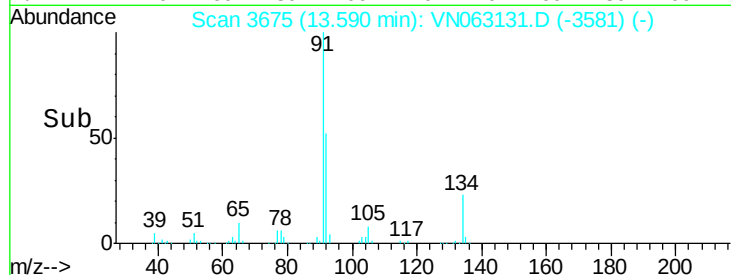
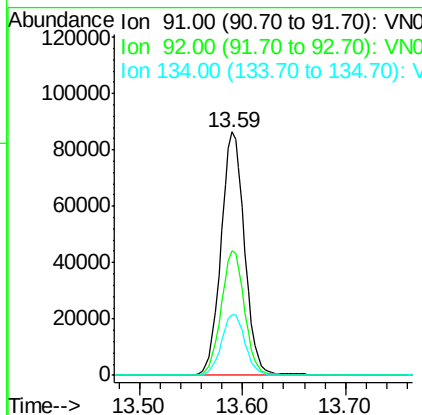
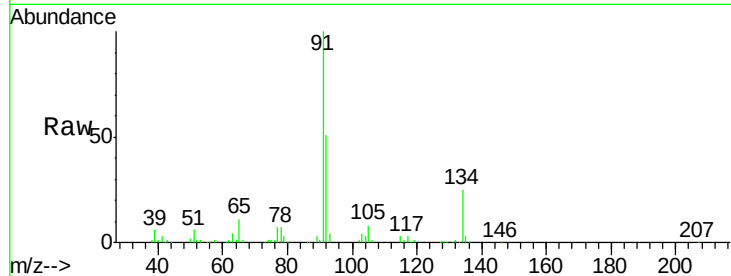
ClientSampleId :

VN0826WBS01

Tot Ion:	91	Resp:	136791
Ion Ratio	Lower	Upper	
91	100		
92	50.9	25.9	77.6
134	25.1	12.4	37.0

Manual Integrations
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#90

Hexachloroethane

Concen: 16.772 ug/l

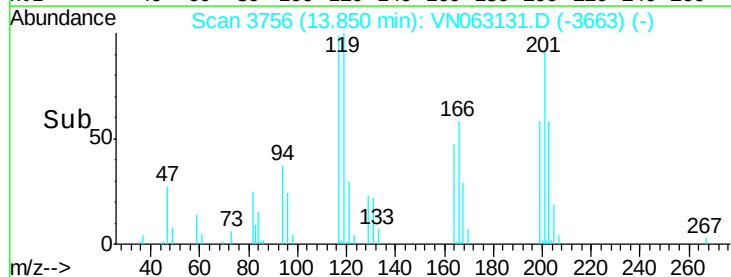
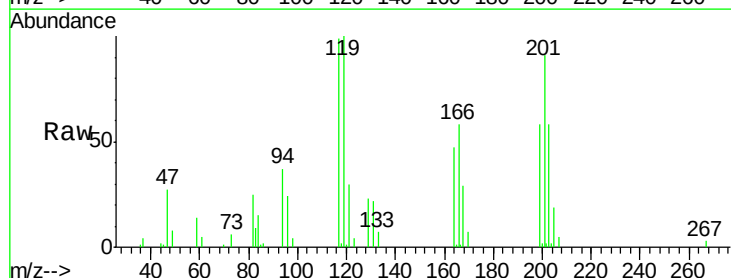
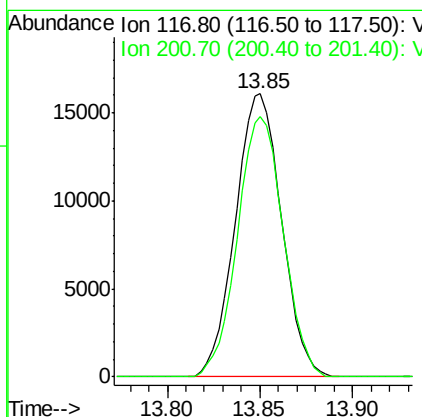
RT: 13.85 min Scan# 3756

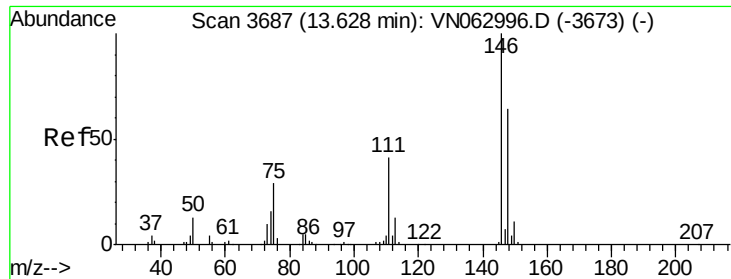
Delta R.T. 0.00 min

Lab File: VN063131.D

Acq: 26 Aug 2020 14:25

Tgt Ion:	117	Resp:	27788
Ion Ratio	Lower	Upper	
117	100		
201	91.0	44.1	132.4





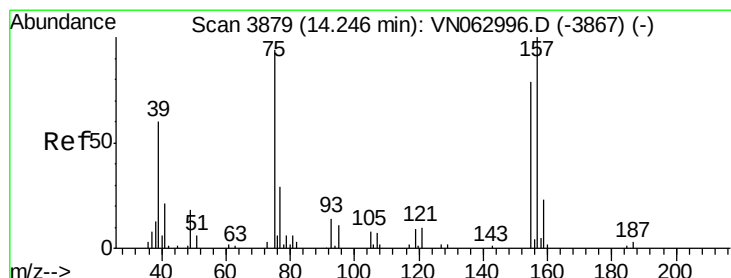
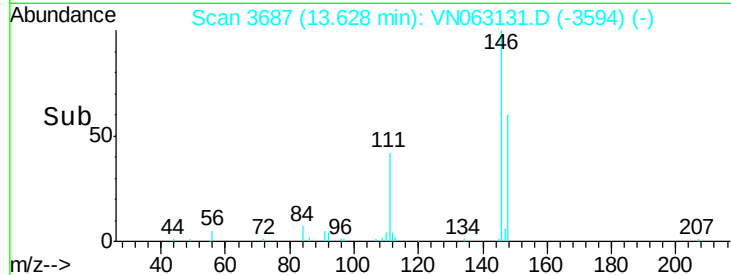
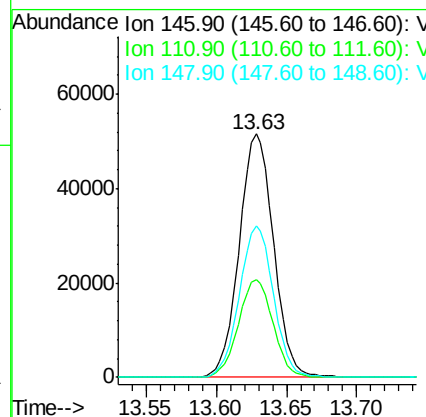
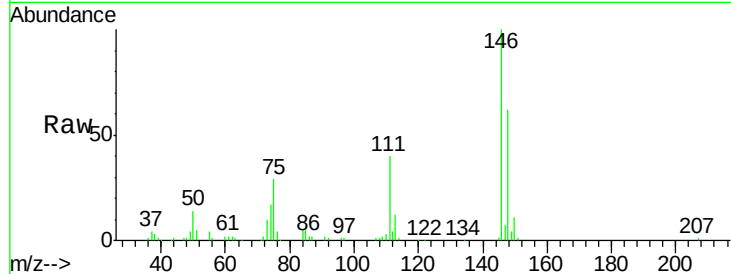
#91
 1,2-Dichlorobenzene
 Concen: 20.855 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN063131.D
 Acq: 26 Aug 2020 14:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0826WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.2	60.5
148	61.7	31.9	95.5

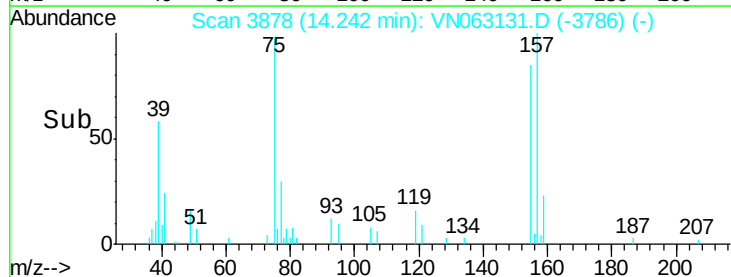
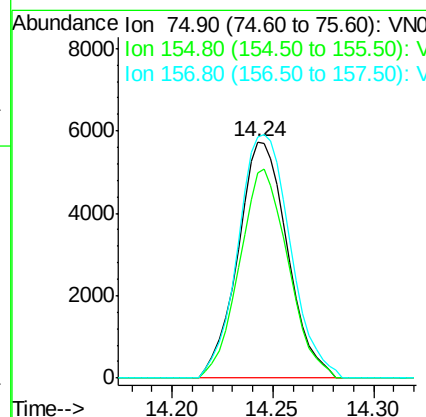
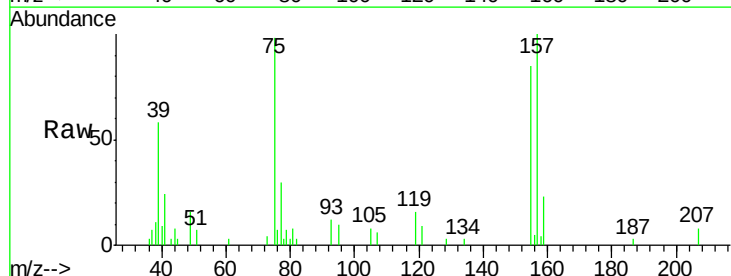
Manual Integrations
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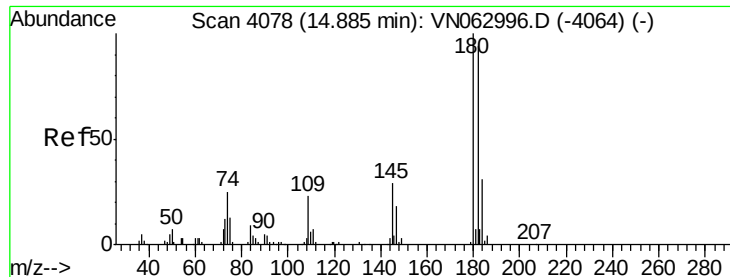
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.061 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. -0.00 min
 Lab File: VN063131.D
 Acq: 26 Aug 2020 14:25

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.1	42.4	127.1
157	108.8	55.2	165.6





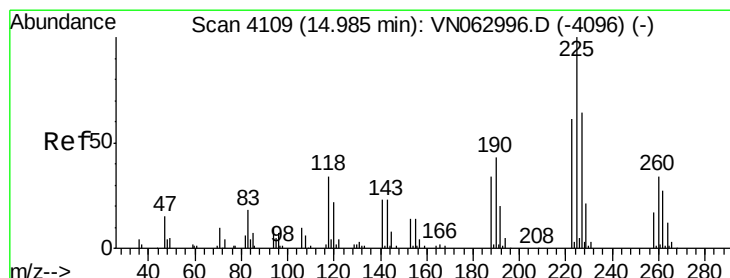
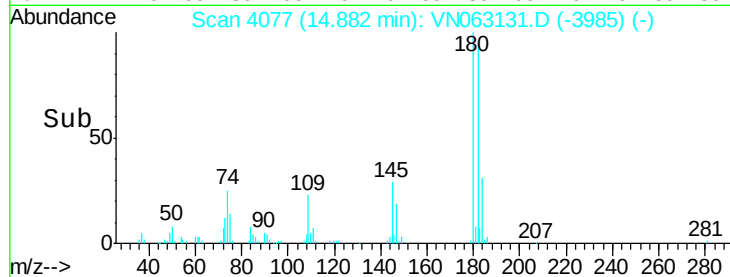
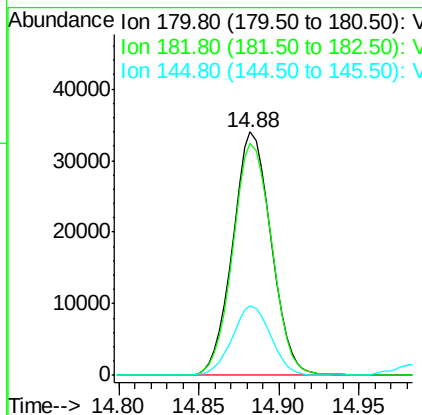
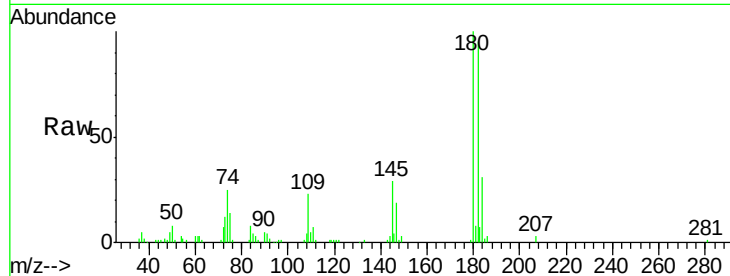
#93
 1,2,4-Trichlorobenzene
 Concen: 26.084 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN063131.D
 Acq: 26 Aug 2020 14:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0826WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	96.6	47.0	141.2	
145	28.6	14.1	42.4	

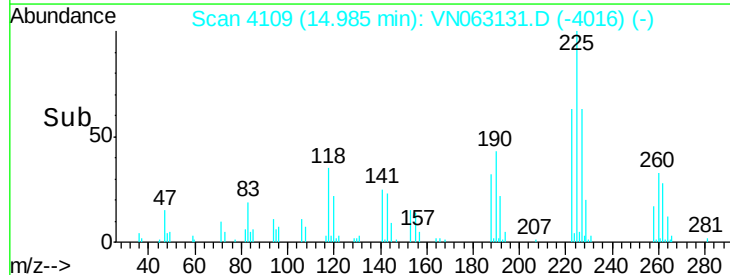
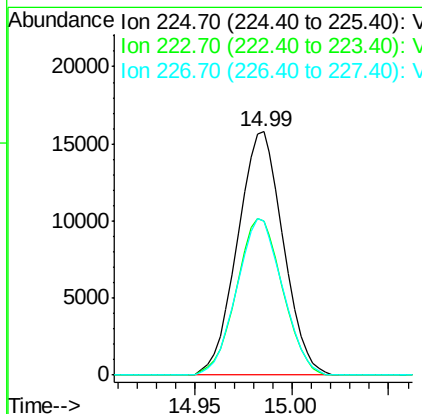
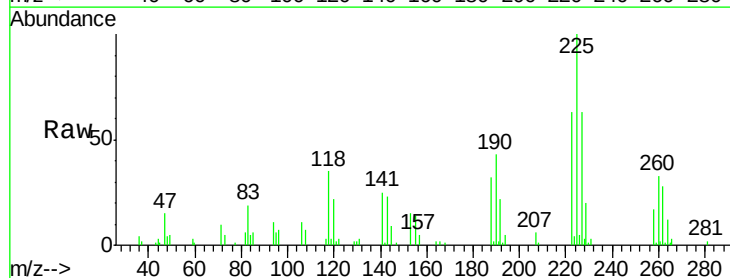
Manual Integrations
 APPROVED

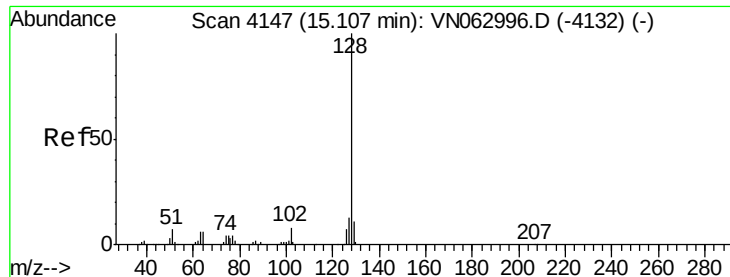
MMDadoda
 8/27/2020 1:28:16 PM



#94
 Hexachlorobutadiene
 Concen: 16.559 ug/l
 RT: 14.99 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN063131.D
 Acq: 26 Aug 2020 14:25

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.8	30.9	92.5	
227	64.4	31.9	95.9	





#95

Naphthalene

Concen: 28.394 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. -0.00 min

Lab File: VN063131.D

Acq: 26 Aug 2020 14:25

Instrument :

MSVOA_N

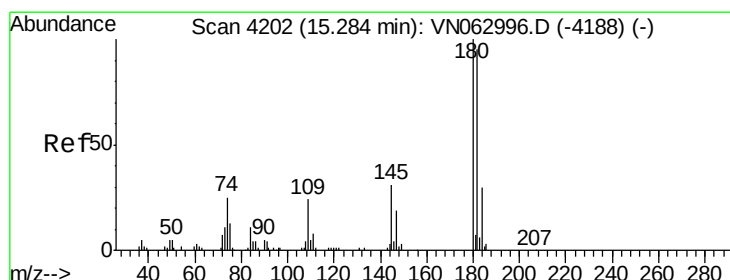
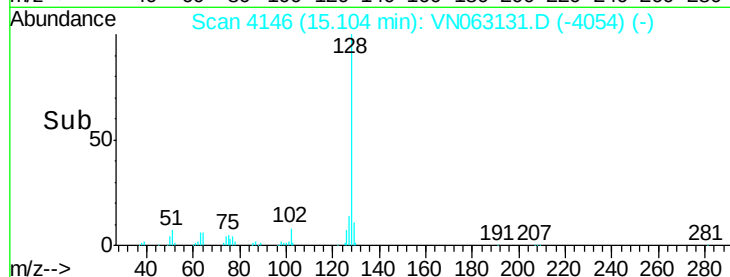
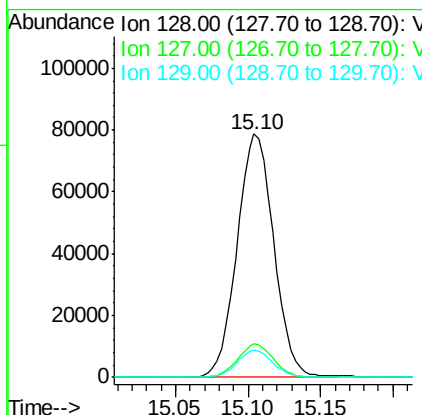
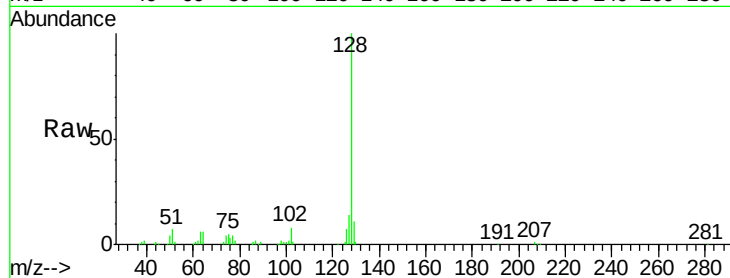
ClientSampleId :

VN0826WBS01

Tot Ion:	128	Resp:	138633
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.6	16.0
129	10.8	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
8/27/2020 1:28:16 PM



#96

1,2,3-Trichlorobenzene

Concen: 25.516 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. 0.00 min

Lab File: VN063131.D

Acq: 26 Aug 2020 14:25

Tgt Ion:	180	Resp:	53877
Ion Ratio	Lower	Upper	
180	100		
182	96.5	47.3	141.9
145	29.9	15.6	46.7

