

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081020\
 Data File : VN062803.D
 Acq On : 10 Aug 2020 12:44
 Operator : JC/MD
 Sample : VN0810WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0810WBS01

Manual Integrations
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 8/11/2020 3:24:49 PM

Quant Time: Aug 11 07:08:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:26:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	167732	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	275699	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	256225	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	119605	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	121310	43.73	ug/l	0.00
Spiked Amount 50.000			Recovery =	87.46%		
35) Dibromofluoromethane	7.55	113	85288	45.22	ug/l	0.00
Spiked Amount 50.000			Recovery =	90.44%		
50) Toluene-d8	10.06	98	327654	44.50	ug/l	0.00
Spiked Amount 50.000			Recovery =	89.00%		
62) 4-Bromofluorobenzene	12.38	95	126156	45.34	ug/l	0.00
Spiked Amount 50.000			Recovery =	90.68%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	43911	18.282	ug/l	99
3) Chloromethane	2.03	50	39080	17.242	ug/l	100
4) Vinyl Chloride	2.16	62	39008	18.349	ug/l	97
5) Bromomethane	2.52	94	27397	19.468	ug/l	94
6) Chloroethane	2.66	64	26981	19.292	ug/l	95
7) Trichlorofluoromethane	2.97	101	69388	18.305	ug/l	100
8) Diethyl Ether	3.37	74	20379	18.779	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.71	101	30515	19.422	ug/l	95
10) Methyl Iodide	3.91	142	34218	18.624	ug/l	97
11) Tert butyl alcohol	4.74	59	41525	91.341	ug/l	99
12) 1,1-Dichloroethene	3.69	96	26285	17.645	ug/l	96
13) Acrolein	3.57	56	16374	59.487	ug/l	95
14) Allyl chloride	4.27	41	50713	17.269	ug/l	97
15) Acrylonitrile	4.93	53	96526	91.544	ug/l	99
16) Acetone	3.78	43	82339	82.153	ug/l	99
17) Carbon Disulfide	4.00	76	71136	16.926	ug/l	98
18) Methyl Acetate	4.28	43	46459	18.896	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	124437	19.149	ug/l	98
20) Methylene Chloride	4.50	84	35871	19.087	ug/l	94
21) trans-1,2-Dichloroethene	4.99	96	29494	17.572	ug/l	99
22) Diisopropyl ether	5.90	45	116676	18.664	ug/l	97
23) Vinyl Acetate	5.84	43	409380	86.095	ug/l	98
24) 1,1-Dichloroethane	5.80	63	64618	17.638	ug/l	99
25) 2-Butanone	6.79	43	123593	87.067	ug/l	99
26) 2,2-Dichloropropane	6.77	77	54818	16.233	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	37269	18.509	ug/l	90
28) Bromochloromethane	7.15	49	29773	16.839	ug/l	95
29) Tetrahydrofuran	7.17	42	80834	87.652	ug/l	95
30) Chloroform	7.33	83	67578	17.357	ug/l	98
31) Cyclohexane	7.62	56	60436	17.971	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	59302	17.036	ug/l	99
36) 1,1-Dichloropropene	7.76	75	45449	16.930	ug/l	98
37) Ethyl Acetate	6.88	43	44795	15.974	ug/l	97
38) Carbon Tetrachloride	7.73	117	52008	16.381	ug/l	94

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	57279	17.730	ug/l	98
40) Benzene	8.00	78	135163	16.873	ug/l	97
41) Methacrylonitrile	7.13	41	21617	17.083	ug/l #	74
42) 1,2-Dichloroethane	8.09	62	58284	17.095	ug/l	100
43) Isopropyl Acetate	8.13	43	80040	17.112	ug/l	98
44) Trichloroethene	8.80	130	33547	17.189	ug/l	99
45) 1,2-Dichloropropane	9.09	63	38050	17.550	ug/l	99
46) Dibromomethane	9.18	93	25959	18.274	ug/l	97
47) Bromodichloromethane	9.37	83	55177	17.294	ug/l	96
48) Methyl methacrylate	9.17	41	37904	16.475	ug/l	98
49) 1,4-Dioxane	9.17	88	16227	380.653	ug/l	91
51) 4-Methyl-2-Pentanone	9.95	43	263222	86.977	ug/l	99
52) Toluene	10.12	92	85863	17.360	ug/l	98
53) t-1,3-Dichloropropene	10.36	75	61244	17.451	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	63375	17.986	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	37125	17.575	ug/l	97
56) Ethyl methacrylate	10.40	69	57187	17.986	ug/l	98
57) 1,3-Dichloropropane	10.68	76	63560	17.709	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	81602	90.796	ug/l	100
59) 2-Hexanone	10.72	43	191018	84.616	ug/l	99
60) Dibromochloromethane	10.88	129	41853	17.362	ug/l	98
61) 1,2-Dibromoethane	10.98	107	37776	18.123	ug/l	99
64) Tetrachloroethene	10.60	164	28944	17.508	ug/l	94
65) Chlorobenzene	11.41	112	96215	17.964	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	38729	18.006	ug/l	99
67) Ethyl Benzene	11.49	91	172385	17.986	ug/l	99
68) m/p-Xylenes	11.60	106	124493	35.782	ug/l	99
69) o-Xylene	11.92	106	61359	18.819	ug/l	100
70) Styrene	11.94	104	107856	18.819	ug/l	97
71) Bromoform	12.10	173	29442	16.730	ug/l #	100
73) Isopropylbenzene	12.22	105	172478	19.151	ug/l	100
74) N-amyl acetate	12.05	43	69536	19.052	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	58787	18.542	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	52507m	16.278	ug/l	
77) Bromobenzene	12.50	156	40269	17.995	ug/l	99
78) n-propylbenzene	12.57	91	197211	18.654	ug/l	98
79) 2-Chlorotoluene	12.65	91	122868	18.533	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	150985	19.324	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	18697	17.695	ug/l	96
82) 4-Chlorotoluene	12.75	91	129007	18.883	ug/l	98
83) tert-Butylbenzene	12.97	119	126477	19.130	ug/l	98
84) 1,2,4-Trimethylbenzene	13.02	105	148378	19.850	ug/l	98
85) sec-Butylbenzene	13.15	105	165431	19.054	ug/l	100
86) p-Isopropyltoluene	13.26	119	149984	19.462	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	72687	18.182	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	70854	17.671	ug/l	96
89) n-Butylbenzene	13.59	91	126051	19.340	ug/l	99
90) Hexachloroethane	13.85	117	28159	16.951	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	70698	18.863	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	11632	17.090	ug/l	89

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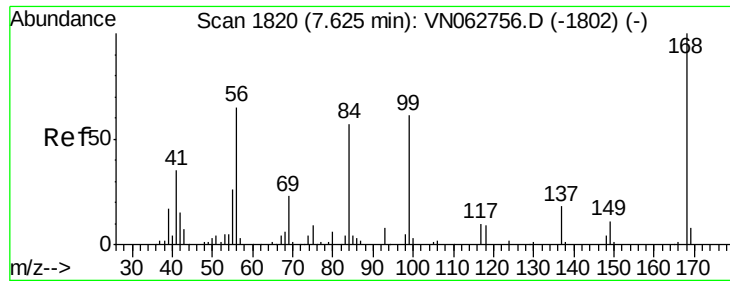
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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	34626	19.382	ug/l	95
94) Hexachlorobutadiene	14.98	225	21253	16.995	ug/l	97
95) Naphthalene	15.10	128	101480	20.796	ug/l	98
96) 1,2,3-Trichlorobenzene	15.28	180	36232	20.003	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN062803.D

Acq: 10 Aug 2020 12:44

Instrument :

MSVOA_N

ClientSampled :

VN0810WBS01

Tot Ion:168 Resp: 167732

Ion Ratio Lower Upper

168 100

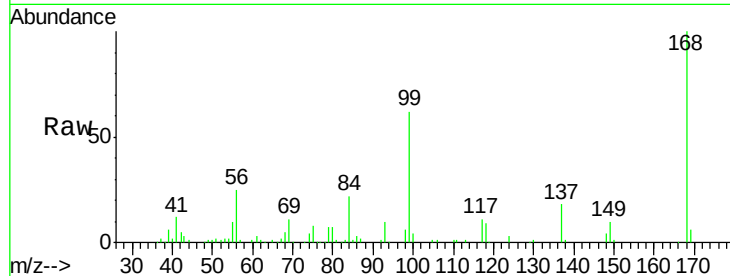
99 62.0 52.9 79.3

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

80000

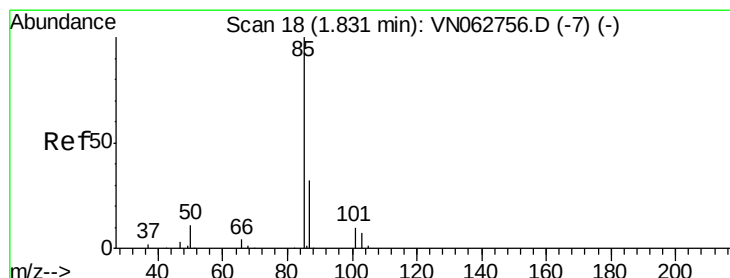
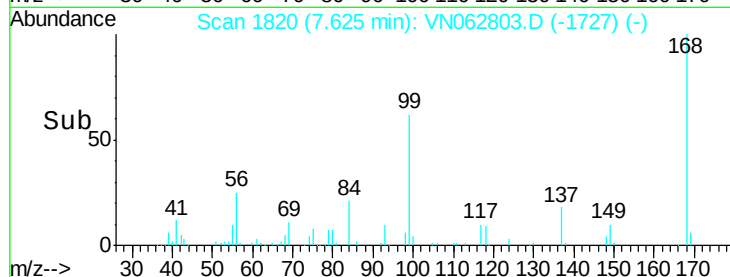
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.282 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN062803.D

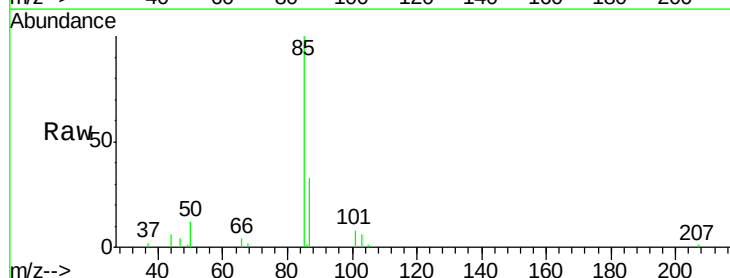
Acq: 10 Aug 2020 12:44

Tgt Ion: 85 Resp: 43911

Ion Ratio Lower Upper

85 100

87 33.1 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

1.83

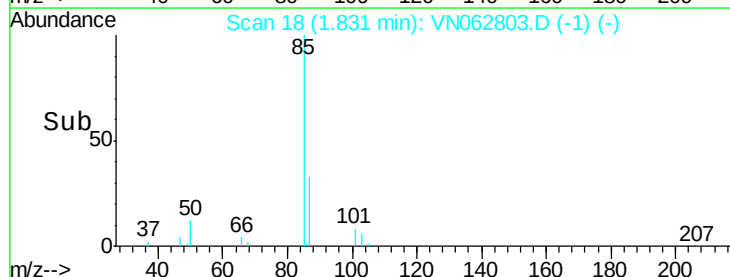
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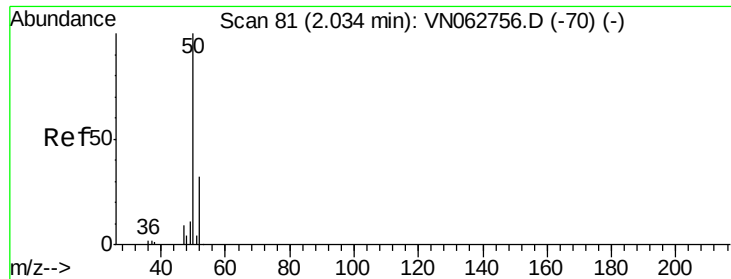
20000

10000

0

Time-->





#3

Chloromethane

Concen: 17.242 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN062803.D

Acq: 10 Aug 2020 12:44

Instrument :

MSVOA_N

ClientSampleId :

VN0810WBS01

Tot Ion: 50 Resp: 39080

Ion Ratio Lower Upper

50 100

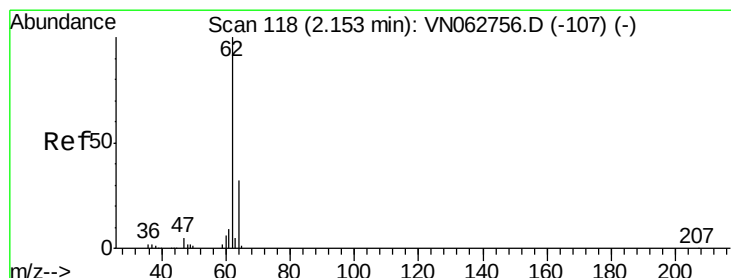
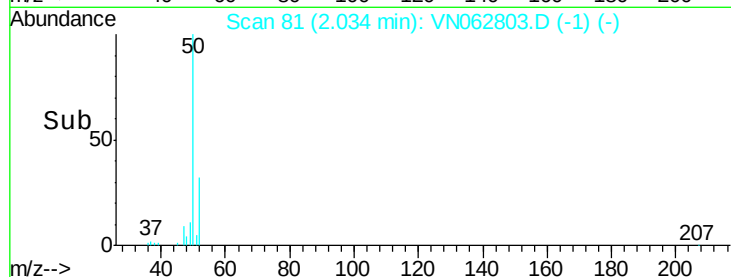
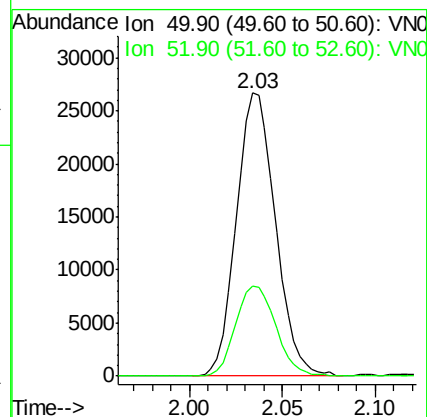
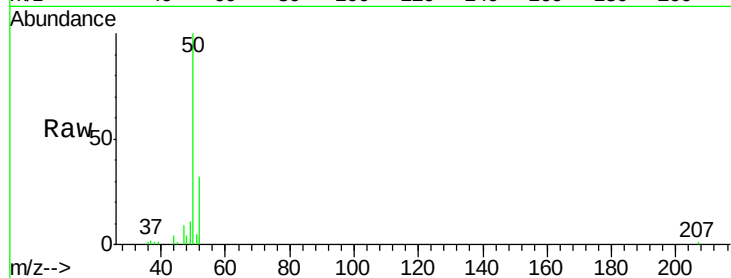
52 32.0 25.6 38.4

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#4

Vinyl Chloride

Concen: 18.349 ug/l

RT: 2.16 min Scan# 119

Delta R.T. 0.00 min

Lab File: VN062803.D

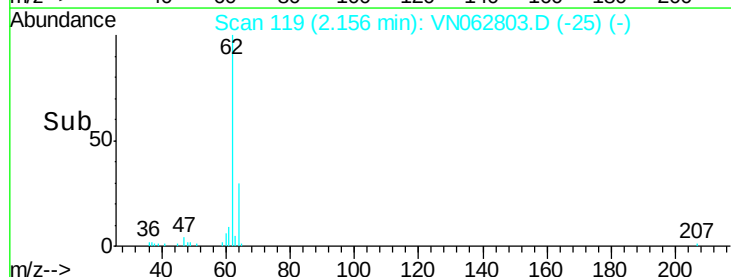
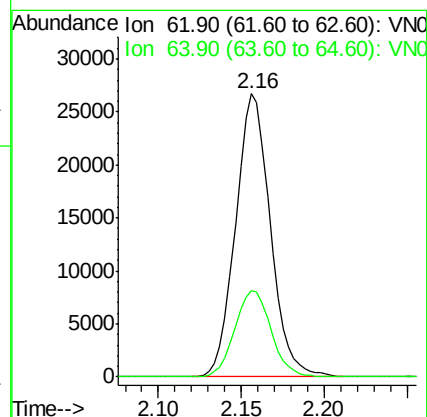
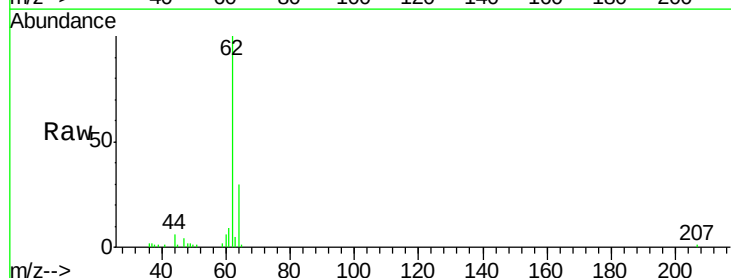
Acq: 10 Aug 2020 12:44

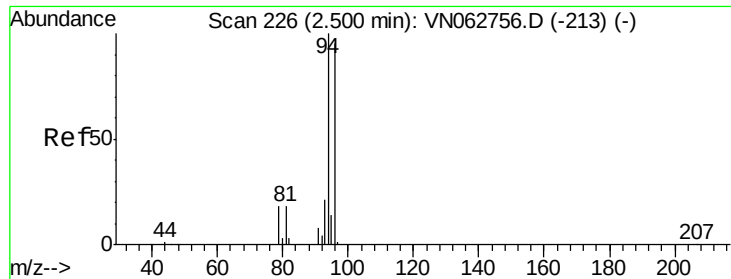
Tgt Ion: 62 Resp: 39008

Ion Ratio Lower Upper

62 100

64 30.4 25.8 38.8





#5

Bromomethane

Concen: 19.468 ug/l

RT: 2.52 min Scan# 232

Delta R.T. 0.02 min

Lab File: VN062803.D

Acq: 10 Aug 2020 12:44

Instrument :

MSVOA_N

ClientSampled :

VN0810WBS01

Tot Ion: 94 Resp: 27397

Ion Ratio Lower Upper

94 100

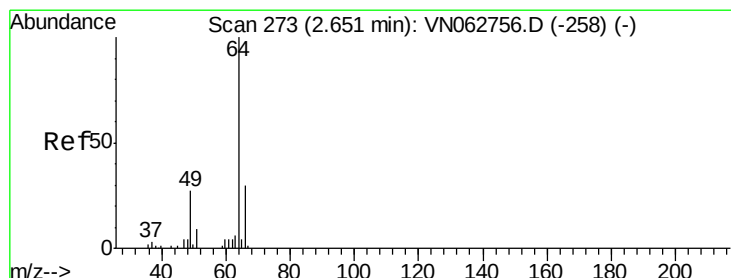
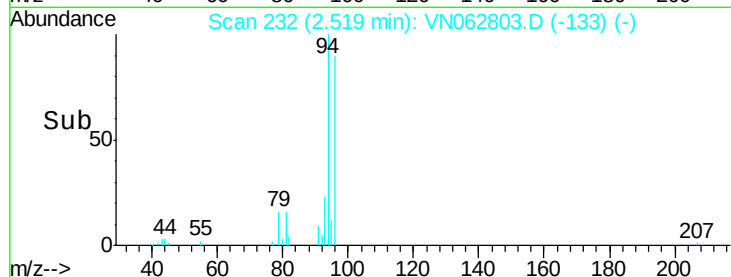
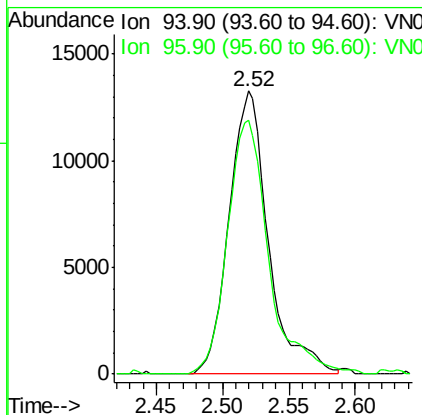
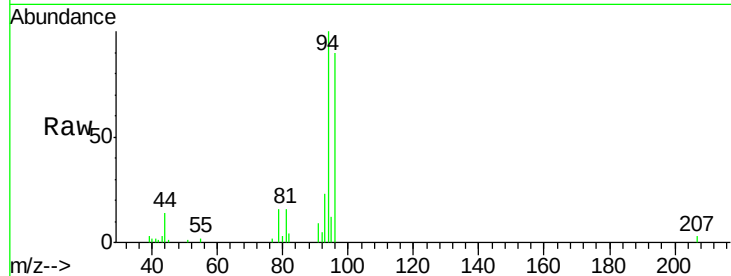
96 89.5 76.2 114.4

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#6

Chloroethane

Concen: 19.292 ug/l

RT: 2.66 min Scan# 276

Delta R.T. 0.01 min

Lab File: VN062803.D

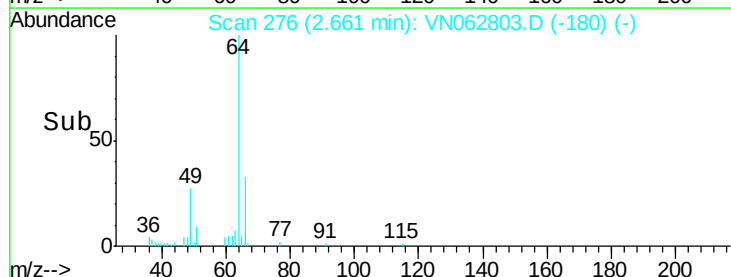
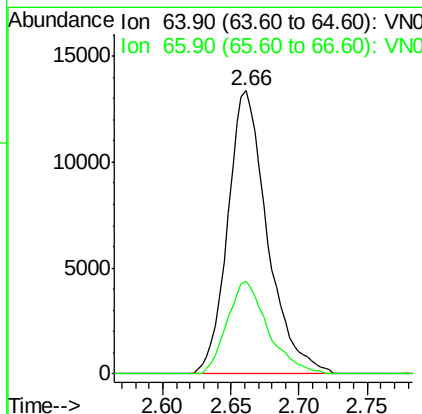
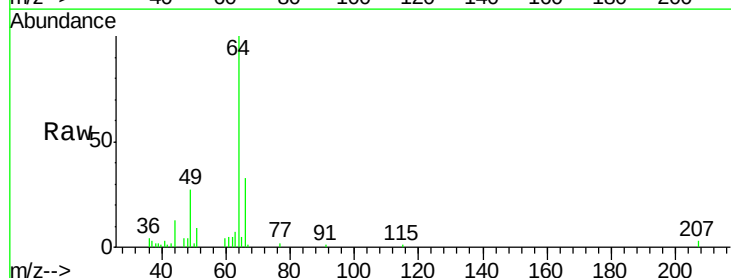
Acq: 10 Aug 2020 12:44

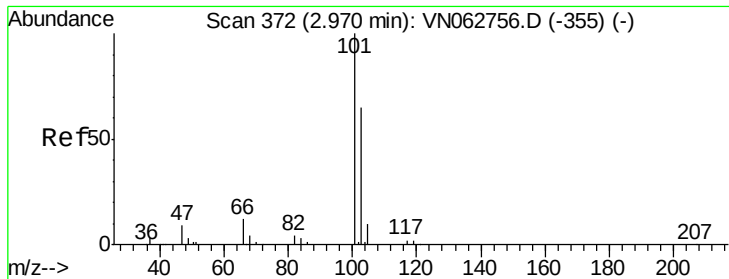
Tgt Ion: 64 Resp: 26981

Ion Ratio Lower Upper

64 100

66 32.8 24.0 36.0





#7

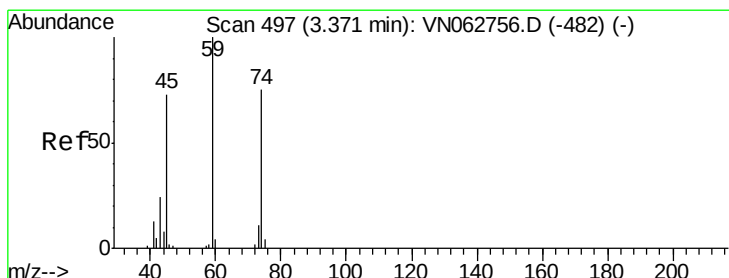
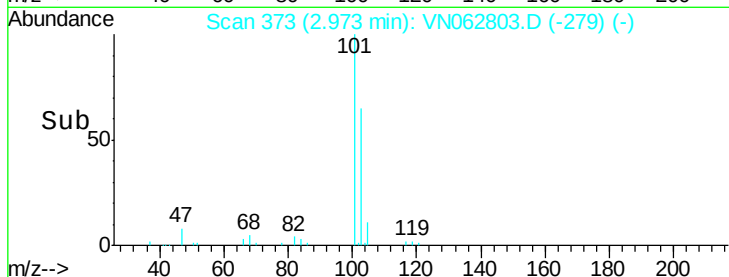
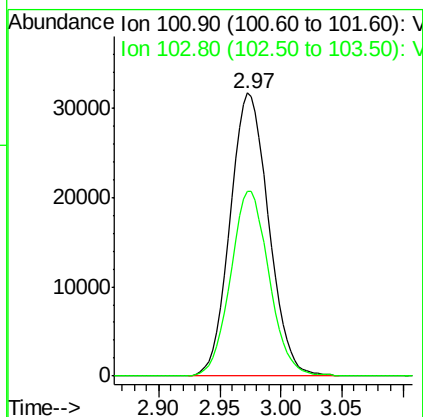
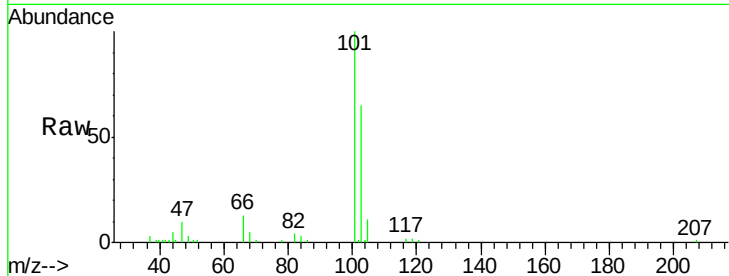
Trichlorofluoromethane
Concen: 18.305 ug/l
RT: 2.97 min Scan# 373
Delta R.T. 0.00 min
Lab File: VN062803.D
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ClientSampleId :
VN0810WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.3	52.3	78.5

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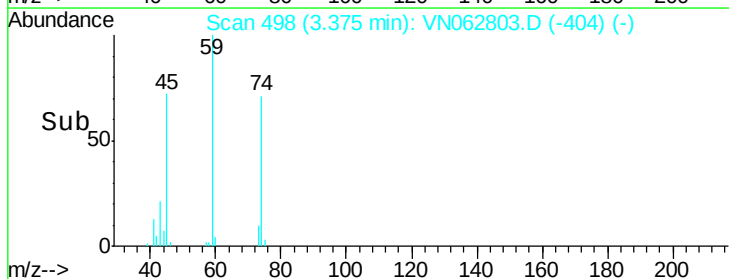
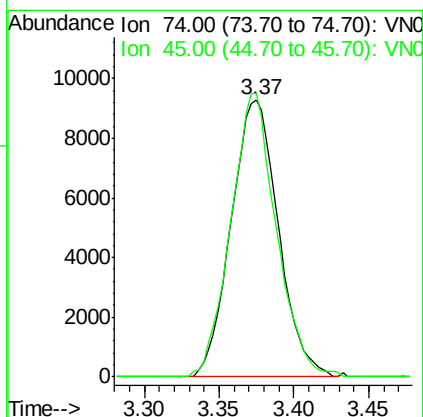
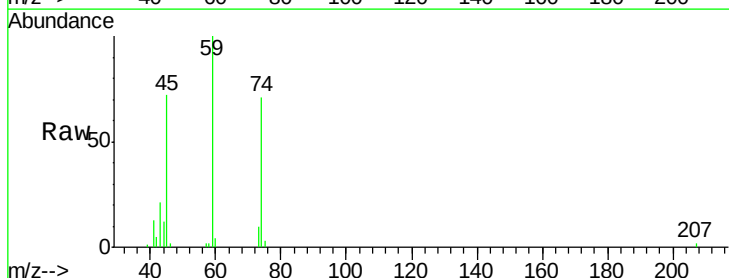
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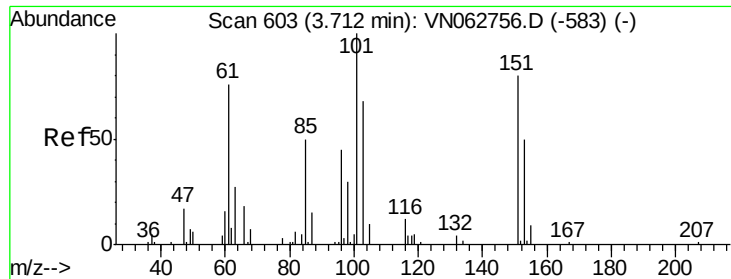


#8

Diethyl Ether
Concen: 18.779 ug/l
RT: 3.37 min Scan# 498
Delta R.T. 0.00 min
Lab File: VN062803.D
Acq: 10 Aug 2020 12:44

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.8	48.7	146.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.422 ug/l

RT: 3.71 min Scan# 603

Delta R.T. 0.00 min

Lab File: VN062803.D

Acq: 10 Aug 2020 12:44

Instrument :

MSVOA_N

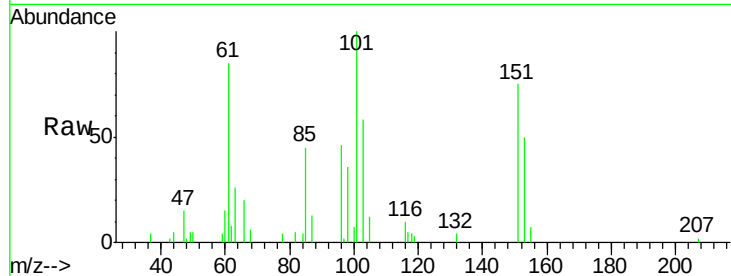
ClientSampled :

VN0810WBS01

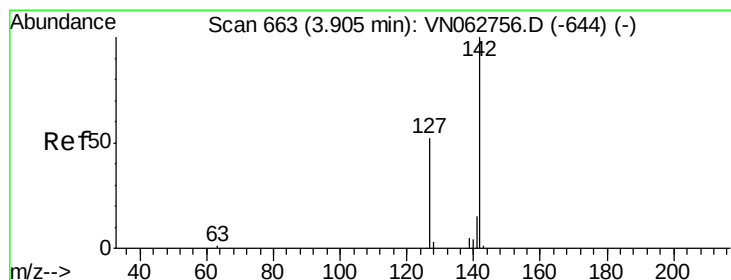
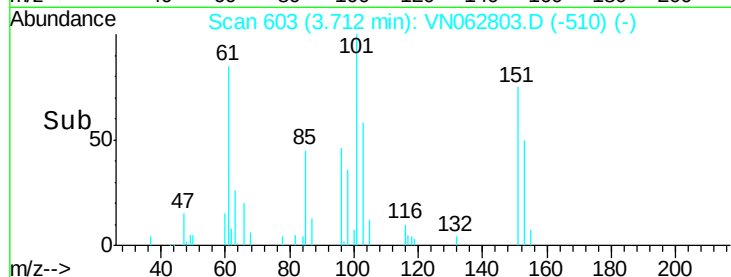
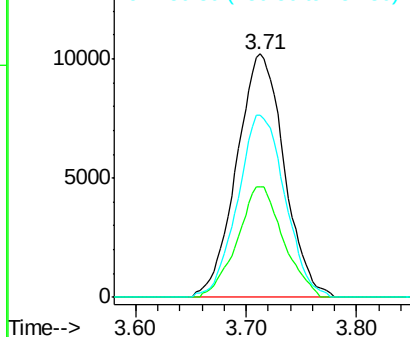
Tot Ion:	101	Resp:	30515
Ion Ratio	Lower	Upper	
101	100		
85	43.8	38.5	57.7
151	74.7	63.0	94.6

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



#10

Methyl Iodide

Concen: 18.624 ug/l

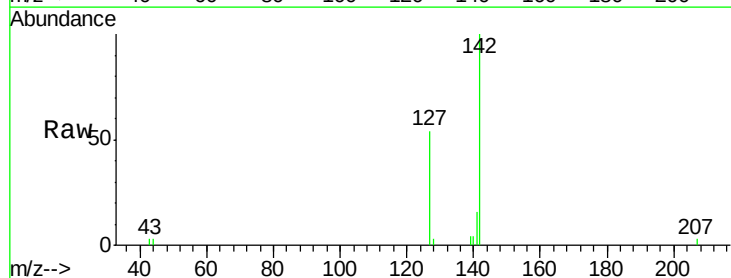
RT: 3.91 min Scan# 663

Delta R.T. 0.00 min

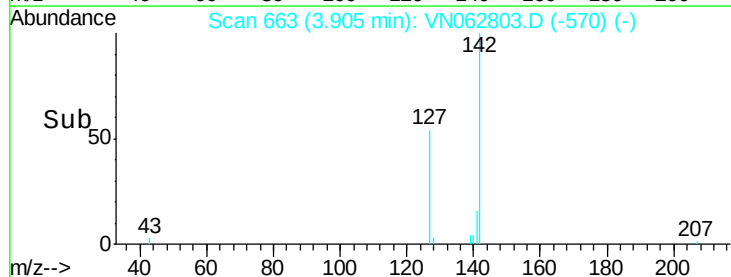
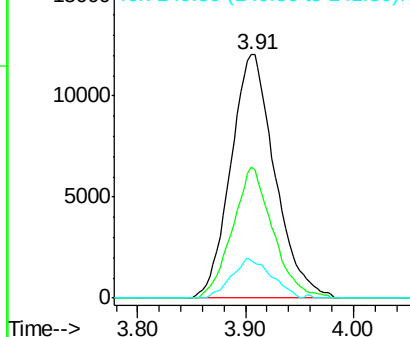
Lab File: VN062803.D

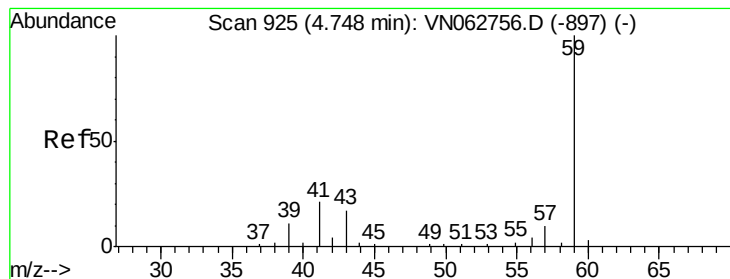
Acq: 10 Aug 2020 12:44

Tgt Ion:	142	Resp:	34218
Ion Ratio	Lower	Upper	
142	100		
127	49.3	41.4	62.0
141	14.7	12.2	18.4



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





#11

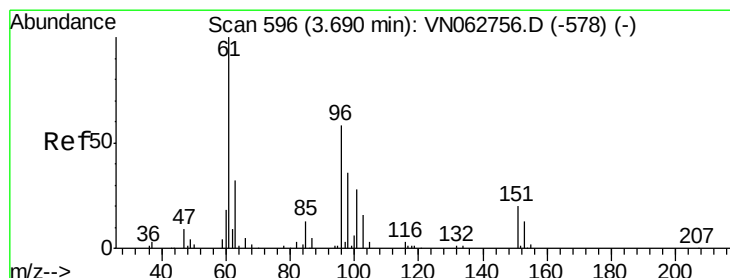
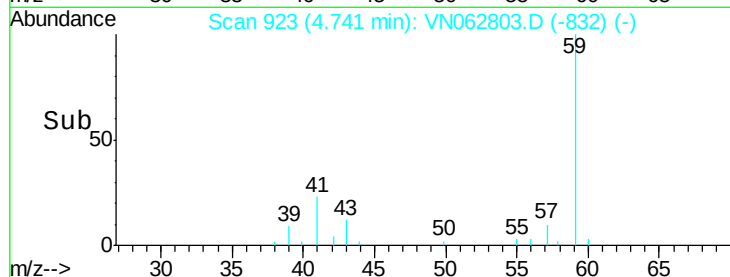
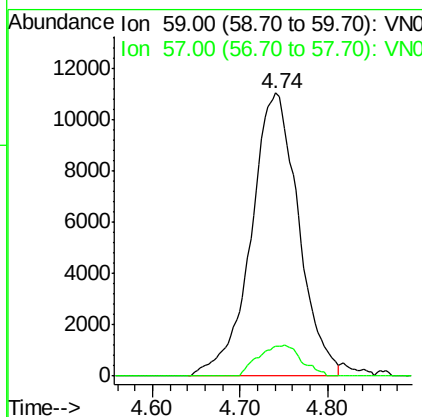
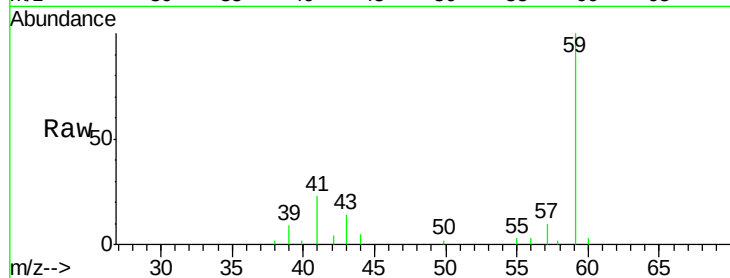
Tert butyl alcohol
 Concen: 91.341 ug/l
 RT: 4.74 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: VN062803.D
 Acq: 10 Aug 2020 12:44

Instrument :
 MSVOA_N
 ClientSampled :
 VN0810WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	59	100	41525		
57	57	9.9		8.3	12.5

Manual Integrations
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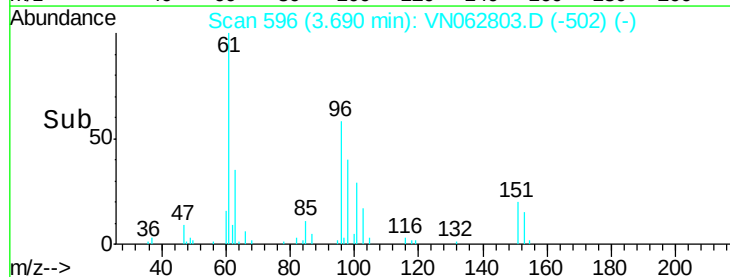
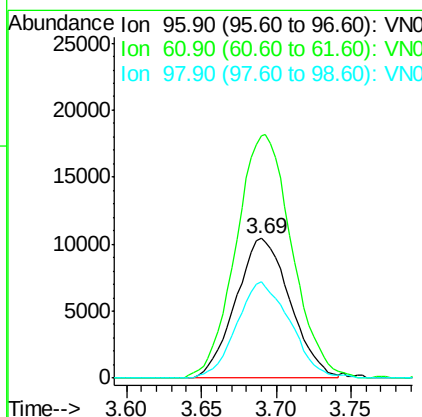
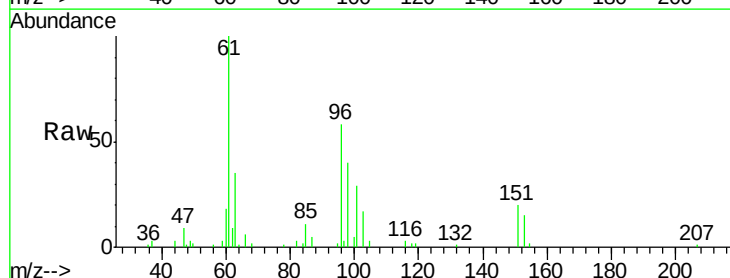
sam
 8/11/2020 3:24:49 PM

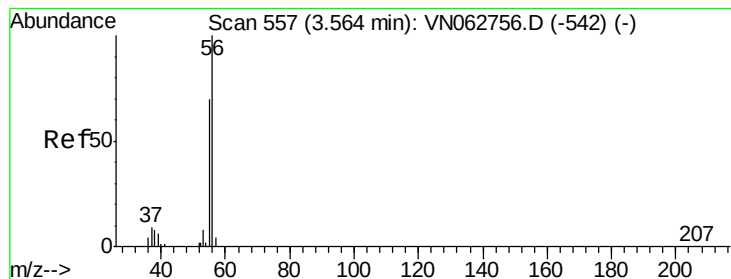


#12

1,1-Dichloroethene
 Concen: 17.645 ug/l
 RT: 3.69 min Scan# 596
 Delta R.T. 0.00 min
 Lab File: VN062803.D
 Acq: 10 Aug 2020 12:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	96	100	26285		
61	61	171.3		139.0	208.6
98	98	69.2		50.2	75.4





#13

Acrolein

Concen: 59.487 ug/l

RT: 3.57 min Scan# 559

Delta R.T. 0.01 min

Lab File: VN062803.D

Acq: 10 Aug 2020 12:44

Instrument :

MSVOA_N

ClientSampleId :

VN0810WBS01

Tot Ion: 56 Resp: 16374

Ion Ratio Lower Upper

56 100

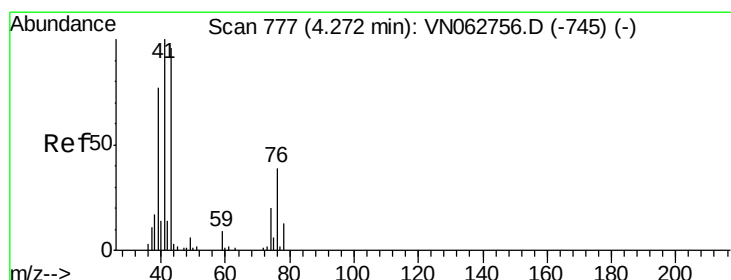
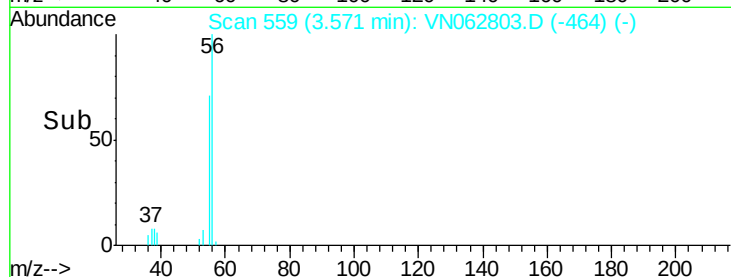
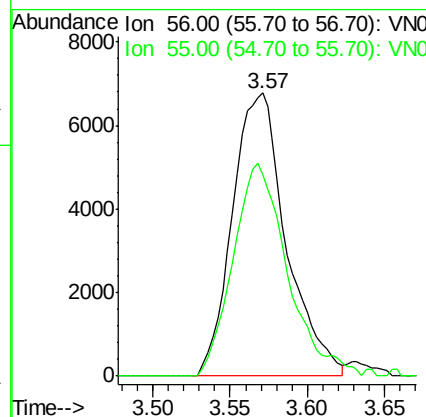
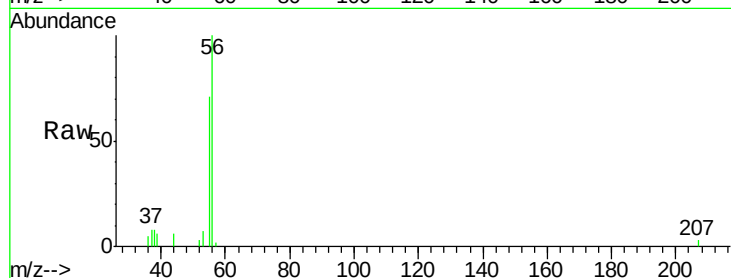
55 75.8 57.0 85.6

Manual Integrations

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#14

Allyl chloride

Concen: 17.269 ug/l

RT: 4.27 min Scan# 777

Delta R.T. 0.00 min

Lab File: VN062803.D

Acq: 10 Aug 2020 12:44

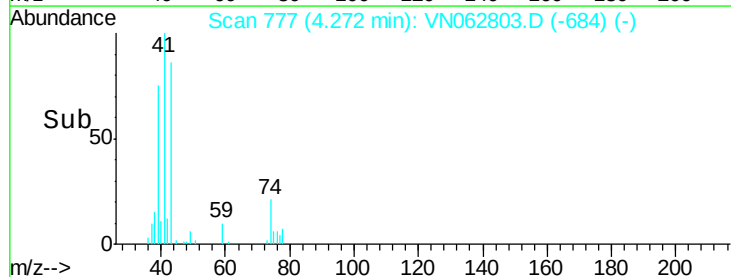
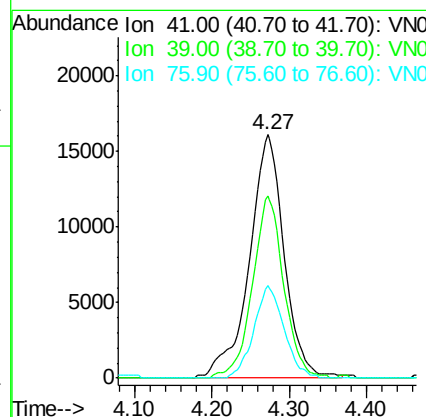
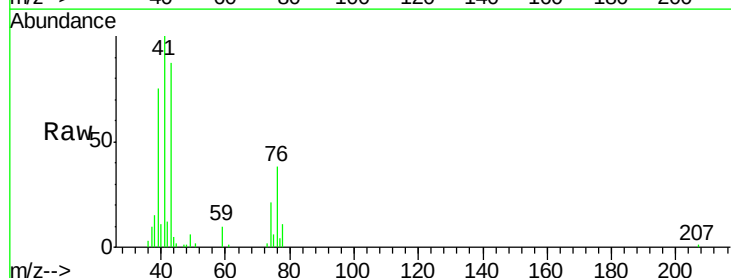
Tgt Ion: 41 Resp: 50713

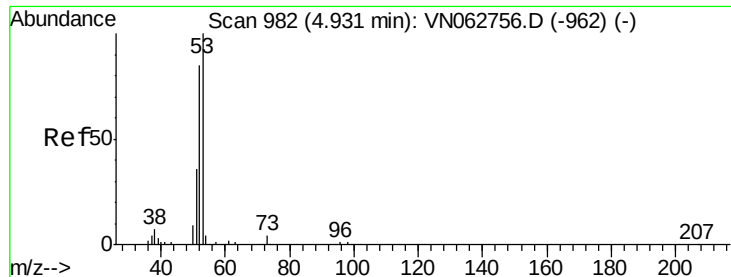
Ion Ratio Lower Upper

41 100

39 67.0 55.7 83.5

76 32.8 27.5 41.3





#15

Acrylonitrile

Concen: 91.544 ug/l

RT: 4.93 min Scan# 983

Delta R.T. 0.00 min

Lab File: VN062803.D

Acq: 10 Aug 2020 12:44

Instrument :

MSVOA_N

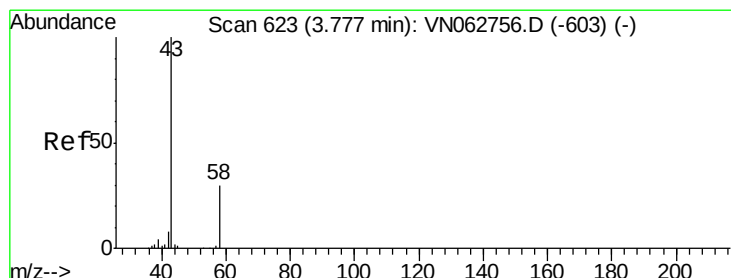
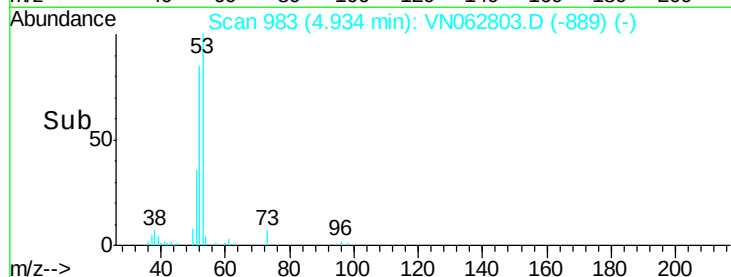
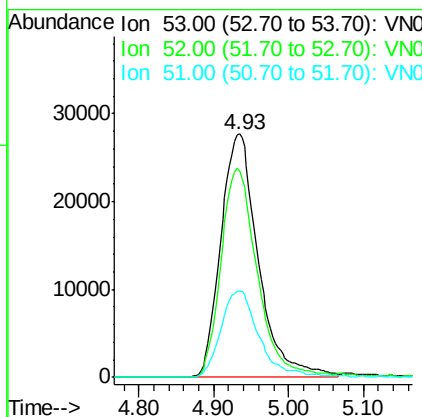
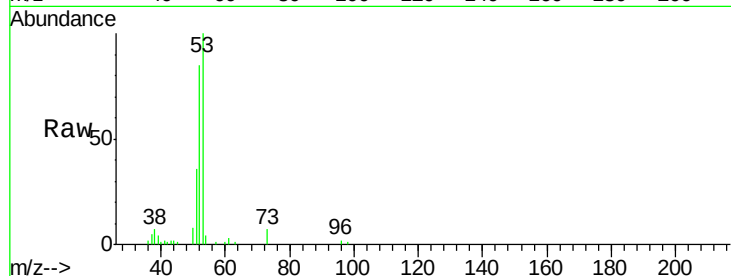
ClientSampleId :

VN0810WBS01

Tot Ion:	53	Resp:	96526
Ion Ratio	Lower	Upper	
53	100		
52	82.9	66.8	100.2
51	34.9	29.5	44.3

Manual Integrations
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#16

Acetone

Concen: 82.153 ug/l

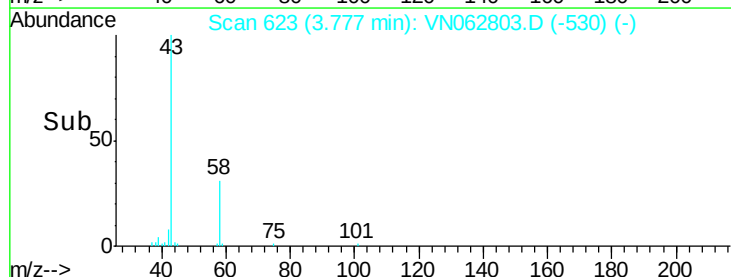
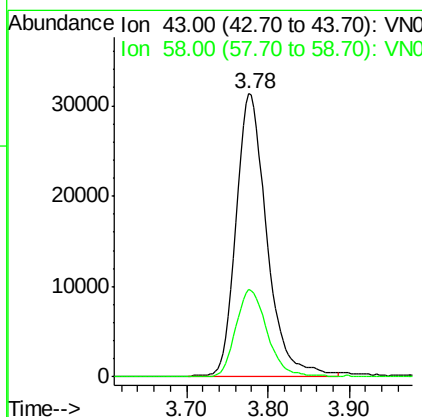
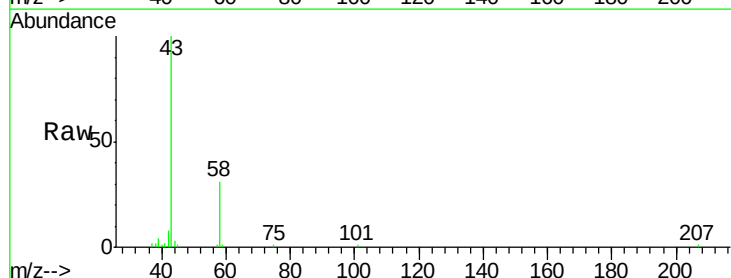
RT: 3.78 min Scan# 623

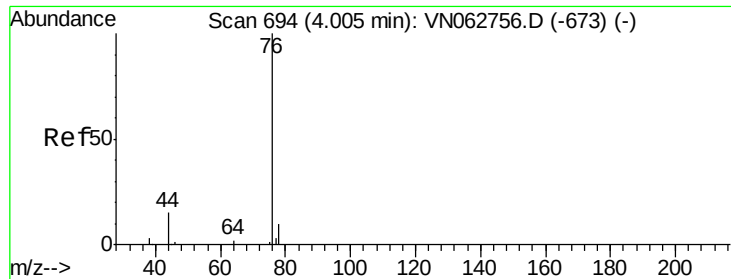
Delta R.T. 0.00 min

Lab File: VN062803.D

Acq: 10 Aug 2020 12:44

Tgt Ion:	43	Resp:	82339
Ion Ratio	Lower	Upper	
43	100		
58	30.7	24.1	36.1





#17

Carbon Disulfide

Concen: 16.926 ug/l

RT: 4.00 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN062803.D

Acq: 10 Aug 2020 12:44

Instrument :

MSVOA_N

ClientSampleId :

VN0810WBS01

Tot Ion: 76 Resp: 71136

Ion Ratio Lower Upper

76 100

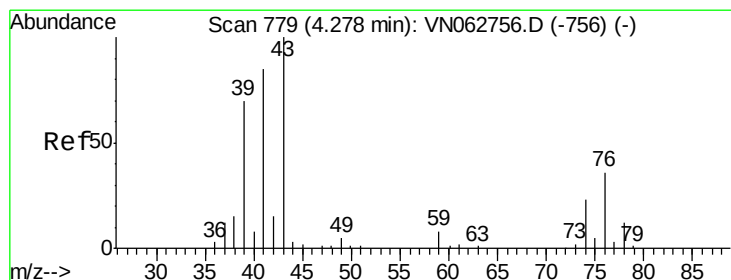
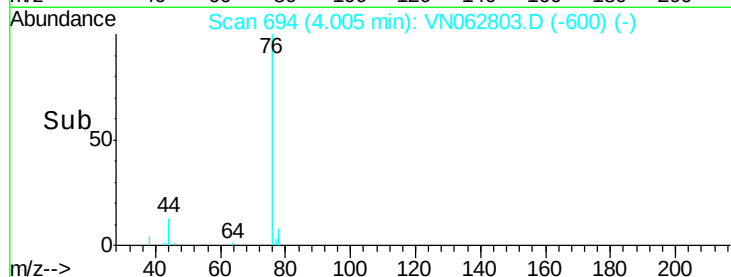
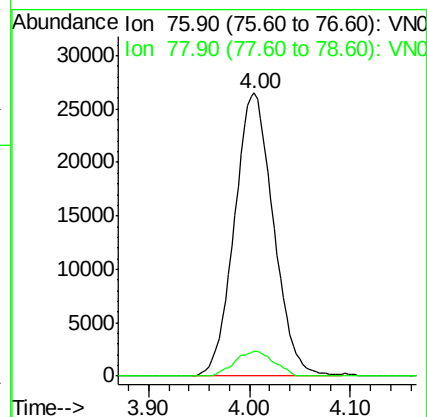
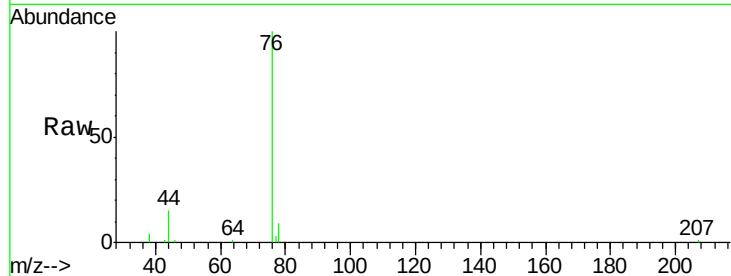
78 8.8 7.7 11.5

Manual Integrations

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#18

Methyl Acetate

Concen: 18.896 ug/l

RT: 4.28 min Scan# 779

Delta R.T. 0.00 min

Lab File: VN062803.D

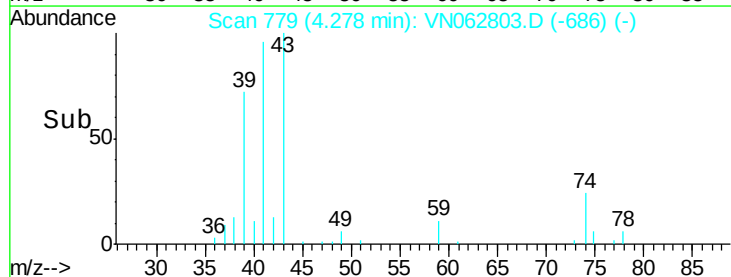
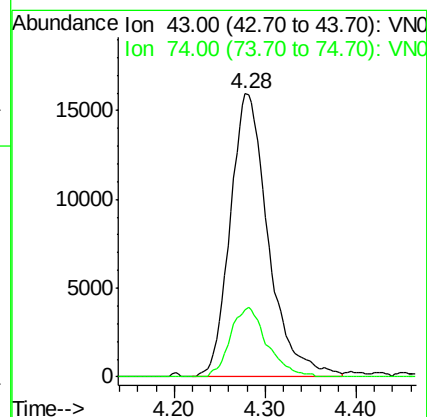
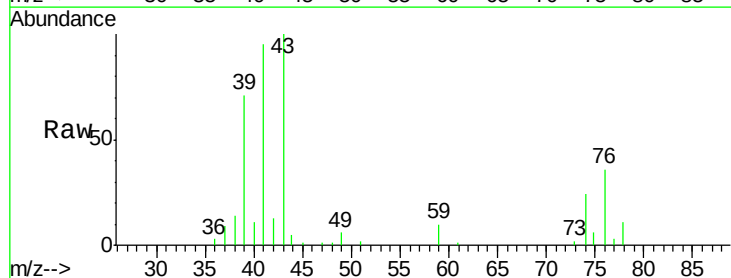
Acq: 10 Aug 2020 12:44

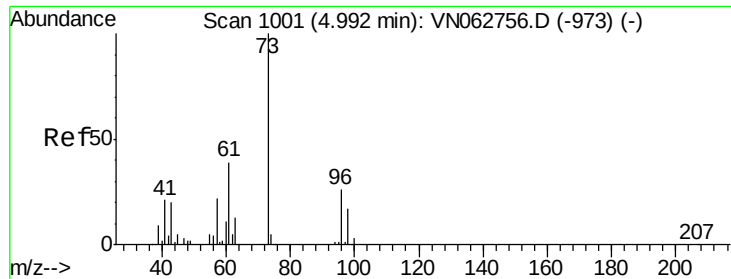
Tgt Ion: 43 Resp: 46459

Ion Ratio Lower Upper

43 100

74 23.8 18.6 28.0





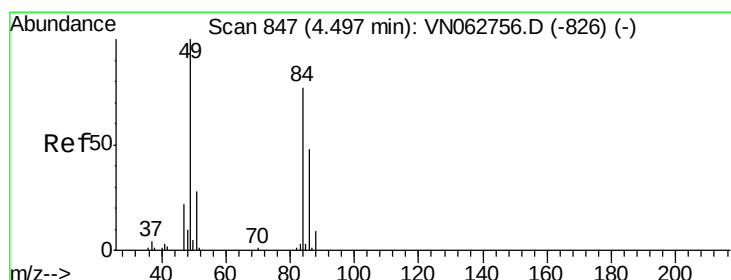
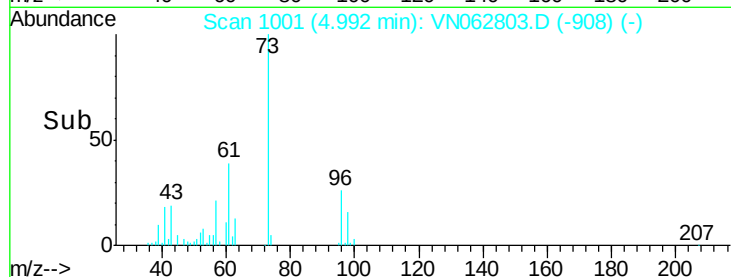
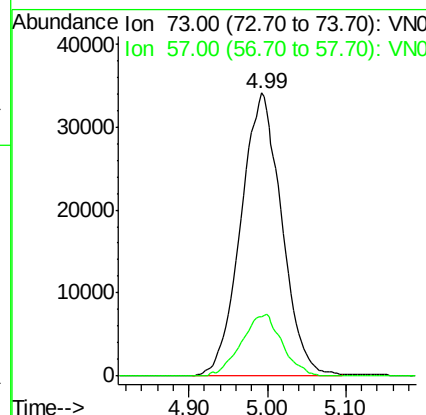
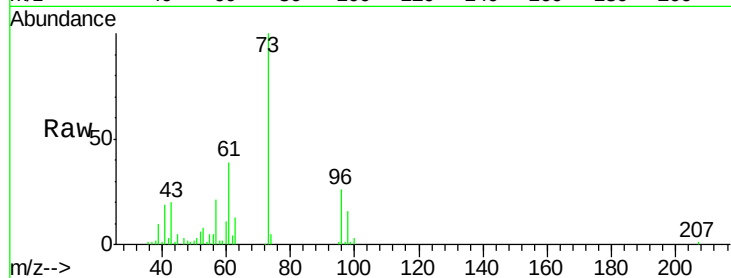
#19
Methvl tert-butyl Ether
Concen: 19.149 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. 0.00 min
Lab File: VN062803.D
Acq: 10 Aug 2020 12:44

Instrument :
MSVOA_N
ClientSampleId :
VN0810WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.9	17.5	26.3

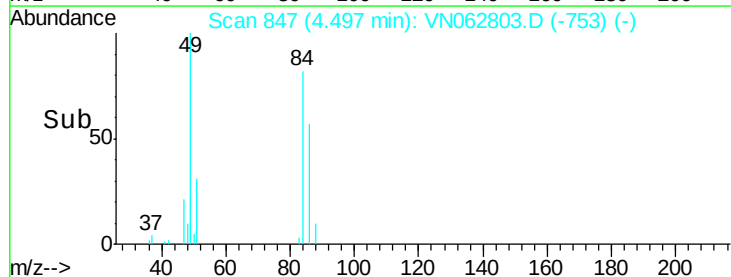
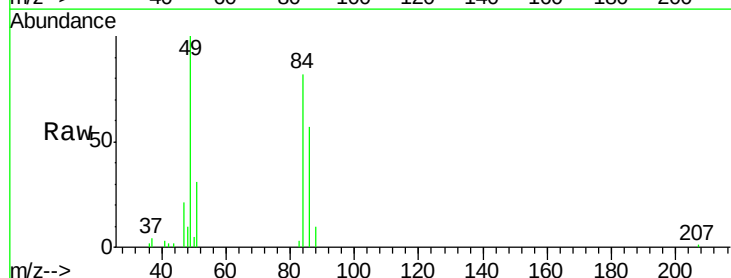
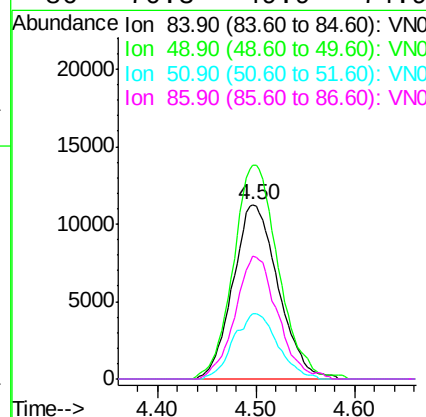
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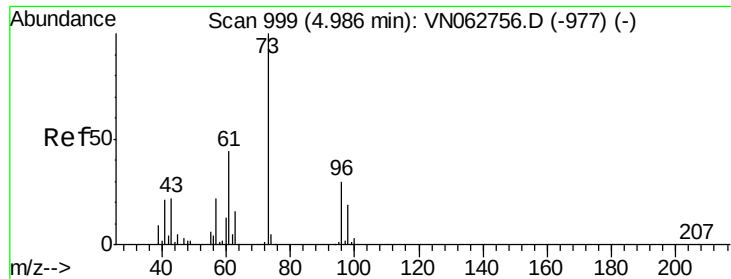
sam
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#20
Methylene Chloride
Concen: 19.087 ug/l
RT: 4.50 min Scan# 847
Delta R.T. 0.00 min
Lab File: VN062803.D
Acq: 10 Aug 2020 12:44

Tgt Ion	Ratio	Lower	Upper
84	100		
49	122.4	103.4	155.2
51	37.6	29.3	43.9
86	70.3	49.9	74.9





#21

trans-1,2-Dichloroethene

Concen: 17.572 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN062803.D

Acq: 10 Aug 2020 12:44

Instrument :

MSVOA_N

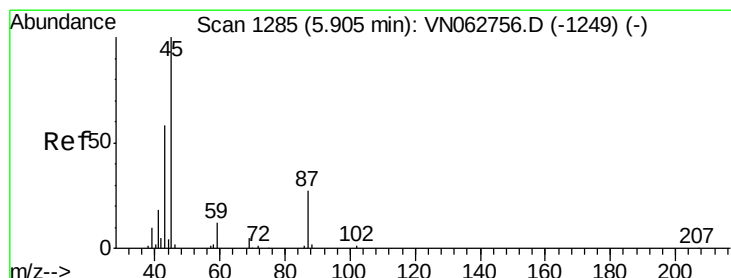
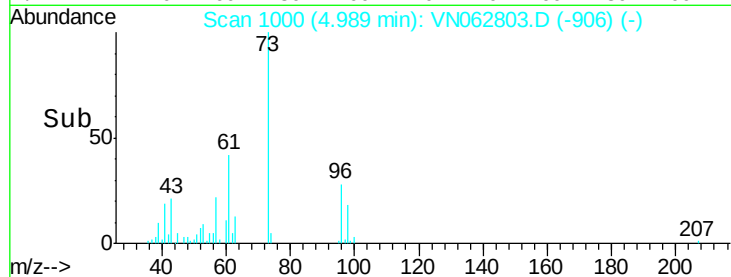
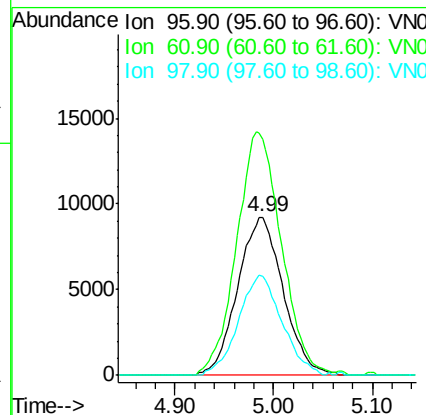
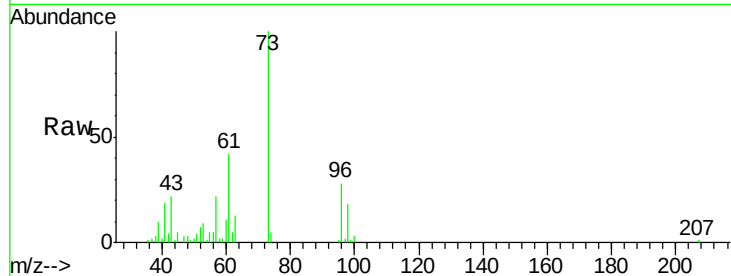
ClientSampleId :

VN0810WBS01

Tot Ion:	96	Resp:	29494
Ion	Ratio	Lower	Upper
96	100		
61	149.1	118.8	178.2
98	62.7	51.0	76.4

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#22

Diisopropyl ether

Concen: 18.664 ug/l

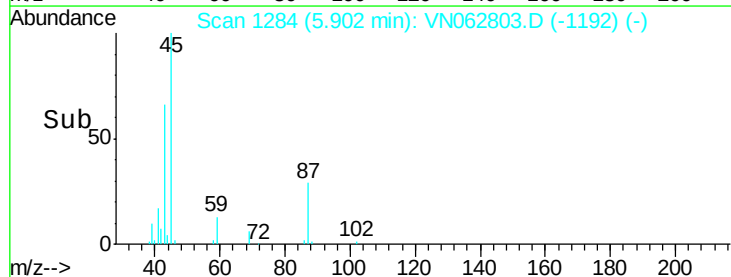
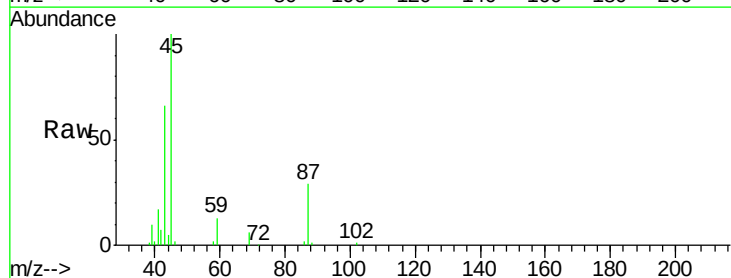
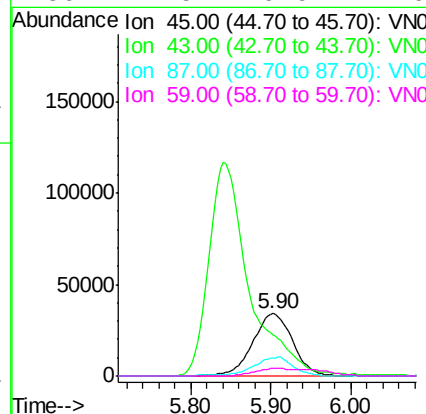
RT: 5.90 min Scan# 1284

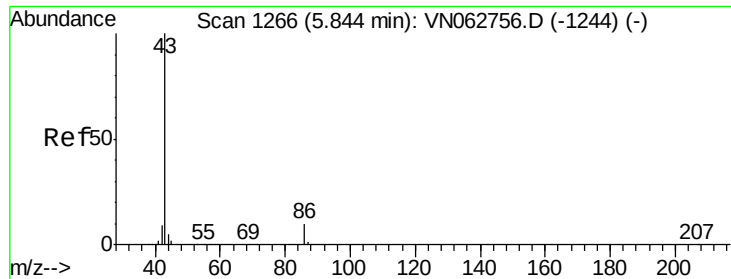
Delta R.T. -0.00 min

Lab File: VN062803.D

Acq: 10 Aug 2020 12:44

Tgt Ion:	45	Resp:	116676
Ion	Ratio	Lower	Upper
45	100		
43	62.8	47.4	71.2
87	29.3	22.8	34.2
59	12.5	9.9	14.9





#23

Vinyl Acetate

Concen: 86.095 ug/l

RT: 5.84 min Scan# 1265

Delta R.T. -0.00 min

Lab File: VN062803.D

Acq: 10 Aug 2020 12:44

Instrument :

MSVOA_N

ClientSampled :

VN0810WBS01

Tot Ion: 43 Resp: 409380

Ion Ratio Lower Upper

43 100

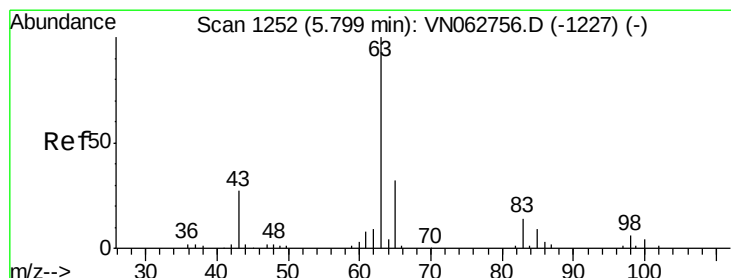
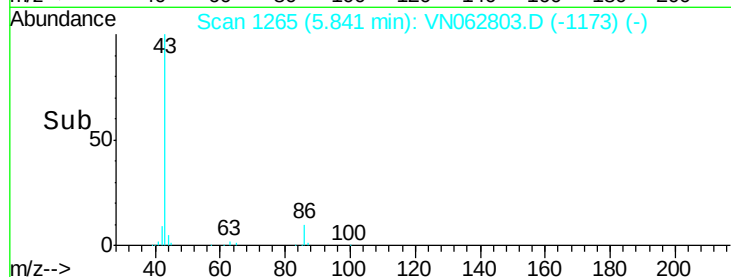
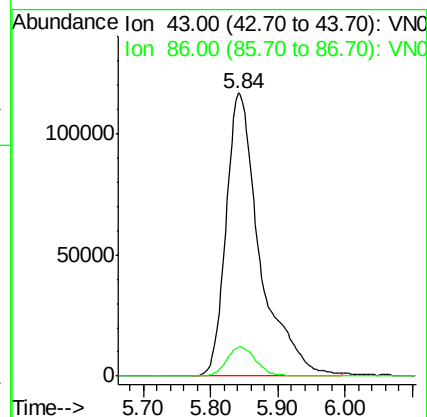
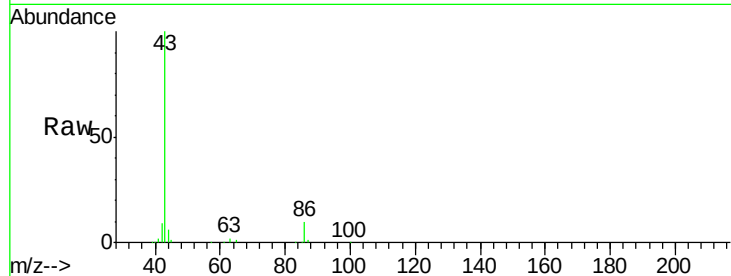
86 10.2 7.7 11.5

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 17.638 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN062803.D

Acq: 10 Aug 2020 12:44

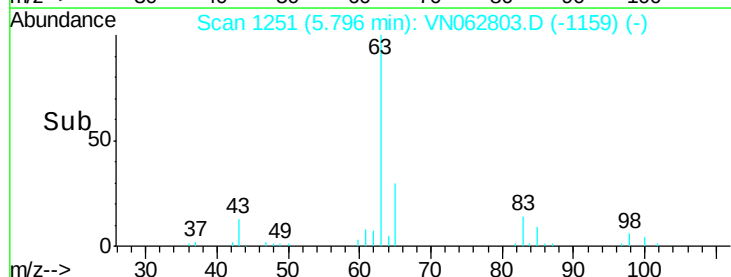
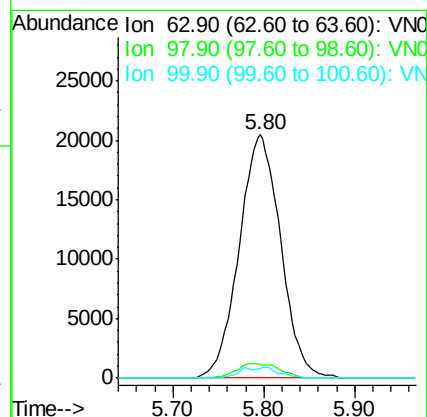
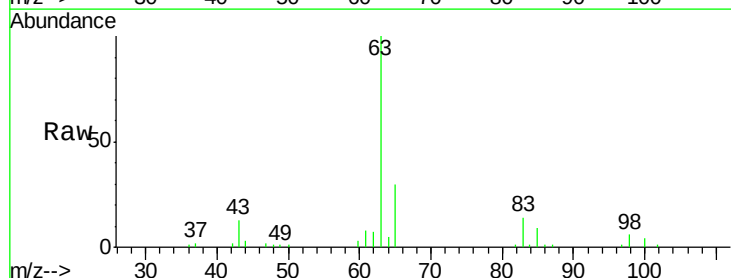
Tgt Ion: 63 Resp: 64618

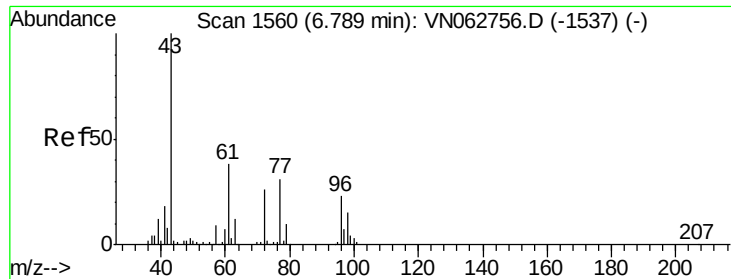
Ion Ratio Lower Upper

63 100

98 5.7 3.0 9.2

100 3.9 1.9 5.7





#25

2-Butanone

Concen: 87.067 ug/l

RT: 6.79 min Scan# 1559

Delta R.T. -0.00 min

Lab File: VN062803.D

Acq: 10 Aug 2020 12:44

Instrument :

MSVOA_N

ClientSampleId :

VN0810WBS01

Tot Ion: 43 Resp: 123593

Ion Ratio Lower Upper

43 100

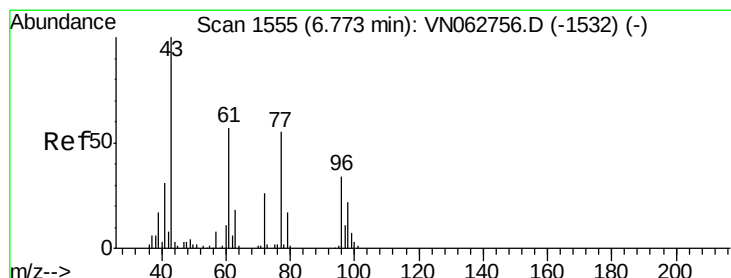
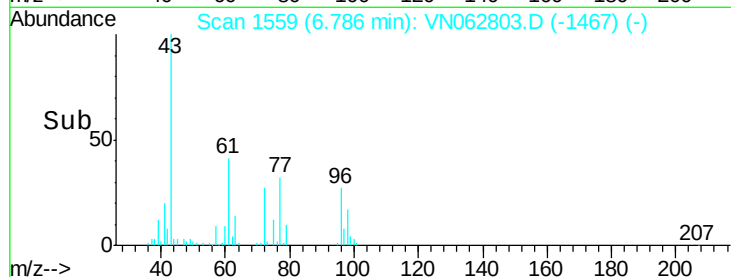
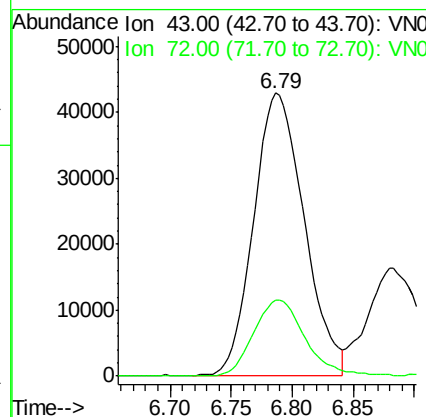
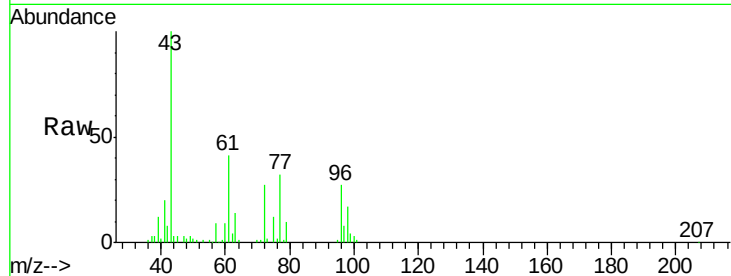
72 26.8 21.1 31.7

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 16.233 ug/l

RT: 6.77 min Scan# 1555

Delta R.T. 0.00 min

Lab File: VN062803.D

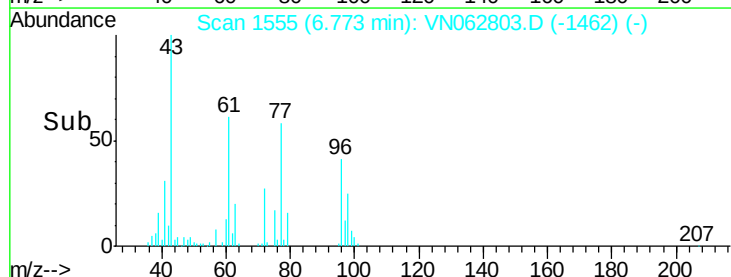
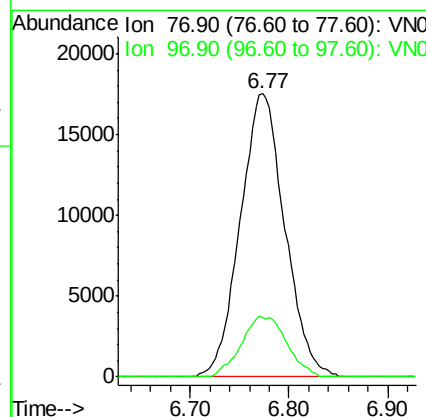
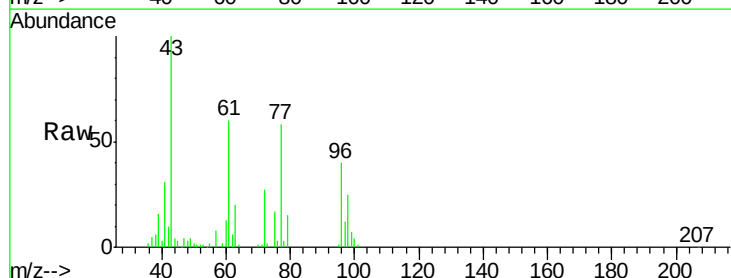
Acq: 10 Aug 2020 12:44

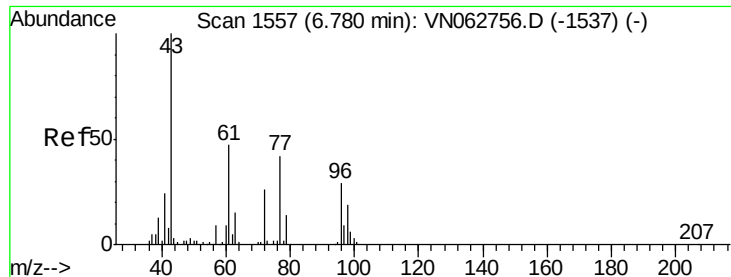
Tgt Ion: 77 Resp: 54818

Ion Ratio Lower Upper

77 100

97 21.7 10.5 31.6





#27

cis-1,2-Dichloroethene

Concen: 18.509 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. 0.00 min

Lab File: VN062803.D

Acq: 10 Aug 2020 12:44

Instrument :

MSVOA_N

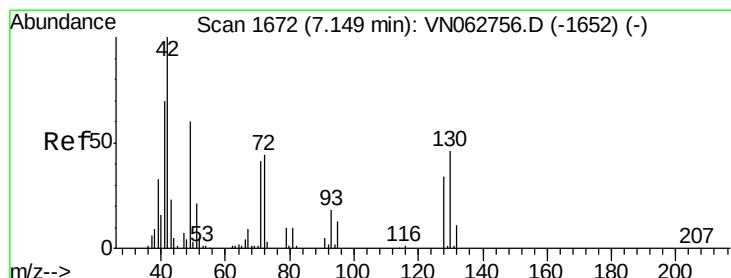
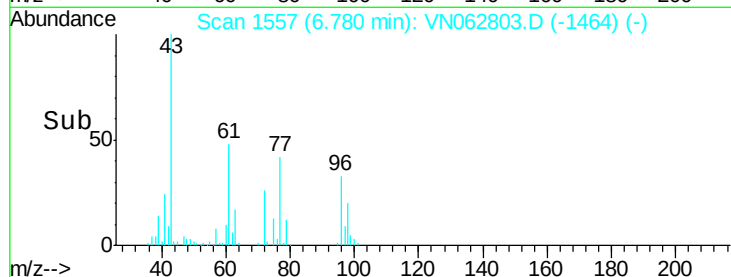
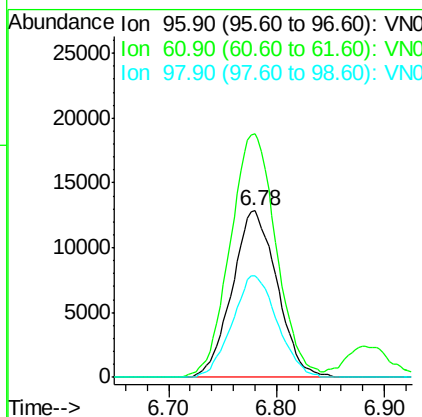
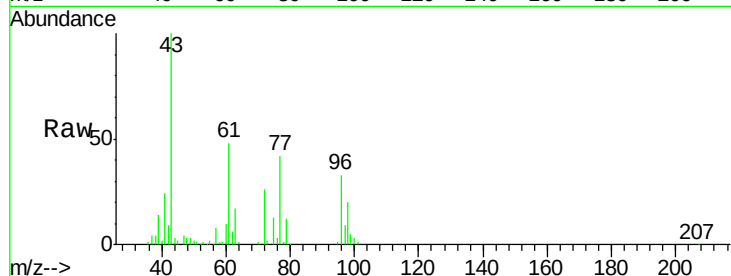
ClientSampleId :

VN0810WBS01

Tot Ion:	96	Resp:	37269
Ion	Ratio	Lower	Upper
96	100		
61	149.5	0.0	332.2
98	61.0	0.0	129.4

Manual Integrations
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sam
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#28

Bromochloromethane

Concen: 16.839 ug/l

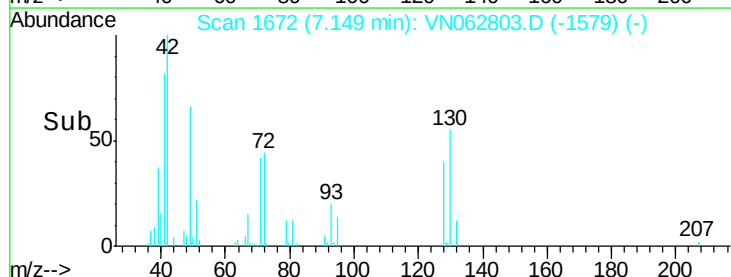
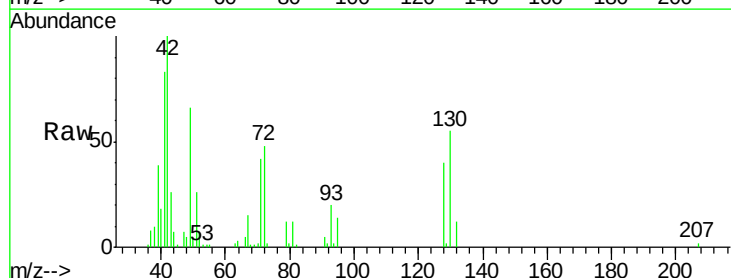
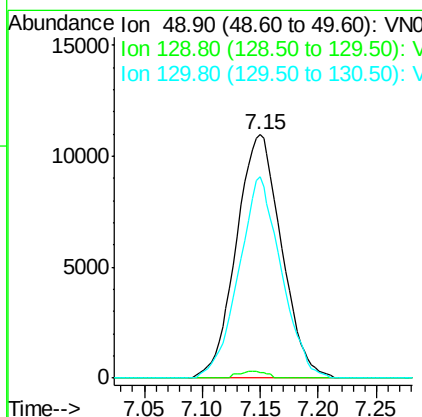
RT: 7.15 min Scan# 1672

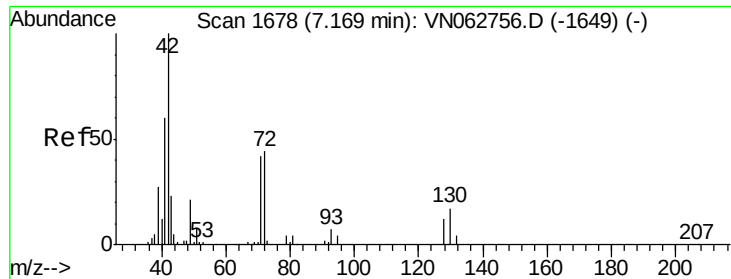
Delta R.T. 0.00 min

Lab File: VN062803.D

Acq: 10 Aug 2020 12:44

Tgt Ion:	49	Resp:	29773
Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.2
130	77.7	59.0	88.6





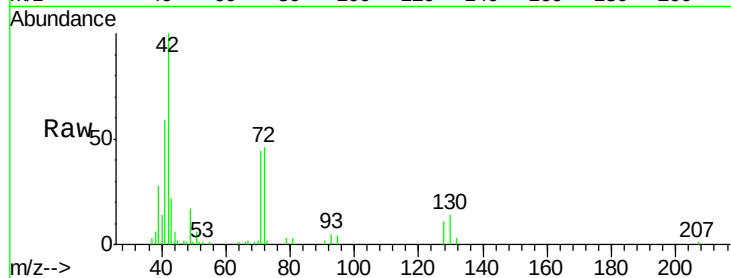
#29
Tetrahydrofuran
Concen: 87.652 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VN062803.D
Acq: 10 Aug 2020 12:44

Instrument :
MSVOA_N
ClientSampled :
VN0810WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.9	35.0	52.4
71	44.1	33.2	49.8

Manual Integrations
APPROVED

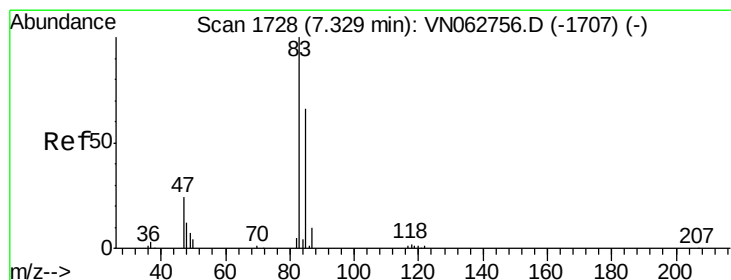
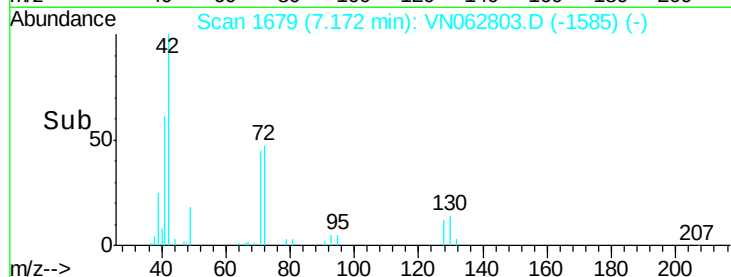
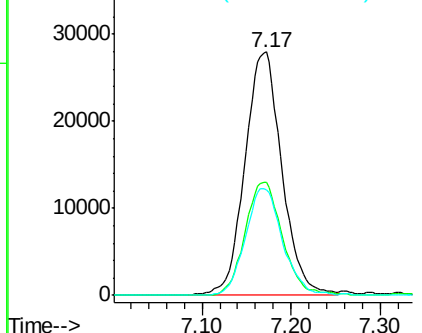
sam
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Abundance Ion 42.00 (41.70 to 42.70): VN062756.D (-1649) (-)

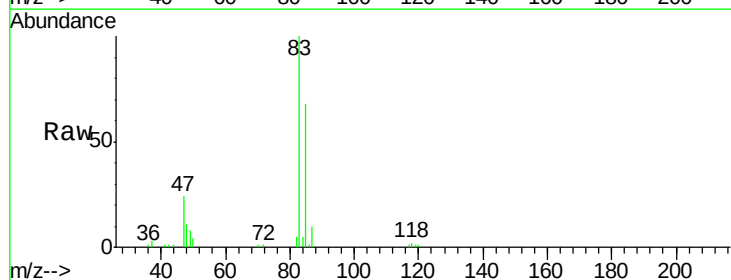
Ion 72.00 (71.70 to 72.70): VN062756.D (-1649) (-)

Ion 71.00 (70.70 to 71.70): VN062756.D (-1649) (-)



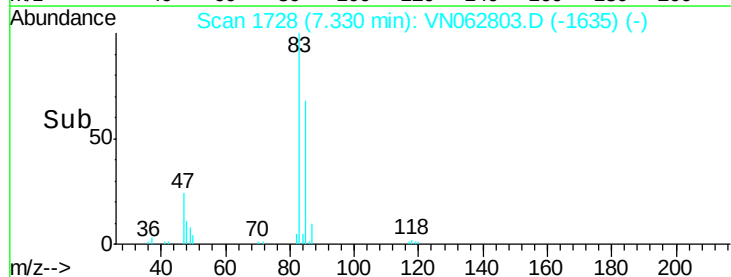
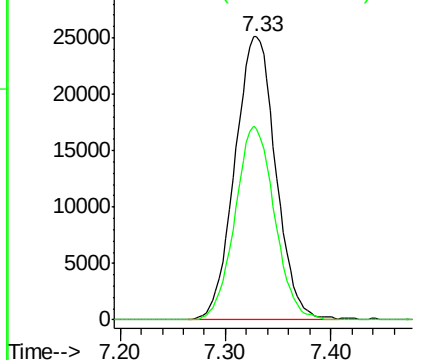
#30
Chloroform
Concen: 17.357 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. 0.00 min
Lab File: VN062803.D
Acq: 10 Aug 2020 12:44

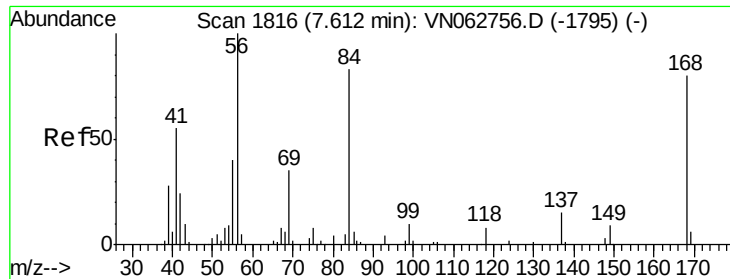
Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.7	52.7	79.1



Abundance Ion 82.90 (82.60 to 83.60): VN062756.D (-1707) (-)

Ion 84.90 (84.60 to 85.60): VN062756.D (-1707) (-)





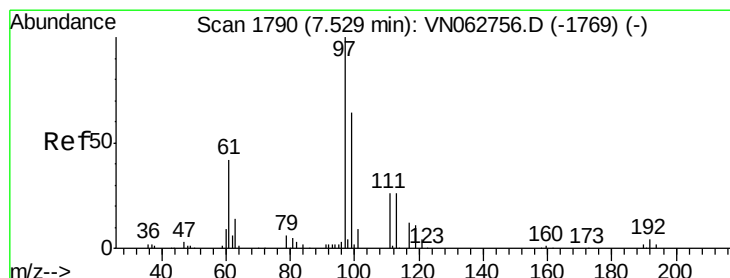
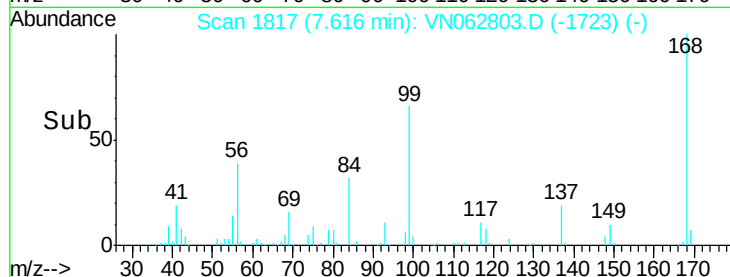
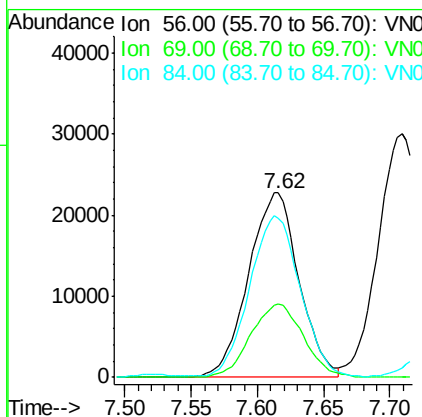
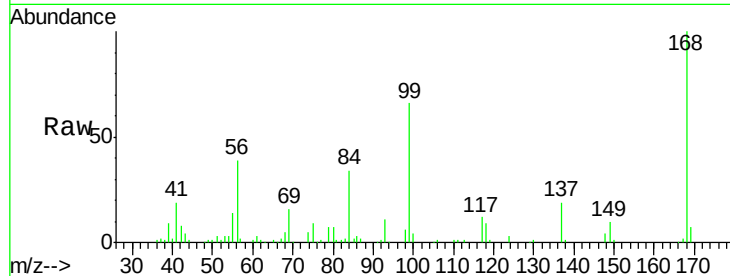
#31
Cyclohexane
Concen: 17.971 ug/l
RT: 7.62 min Scan# 1817
Delta R.T. 0.00 min
Lab File: VN062803.D
Acq: 10 Aug 2020 12:44

Instrument :
MSVOA_N
ClientSampleId :
VN0810WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	40.0	28.1	42.1
84	85.6	66.8	100.2

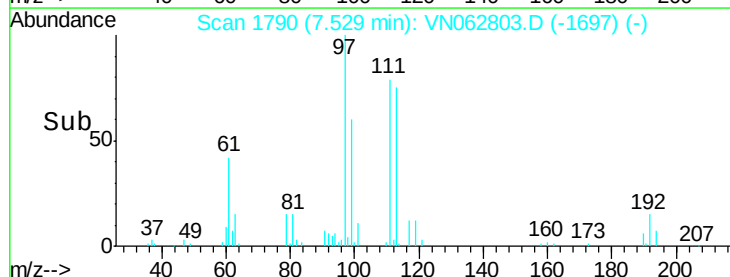
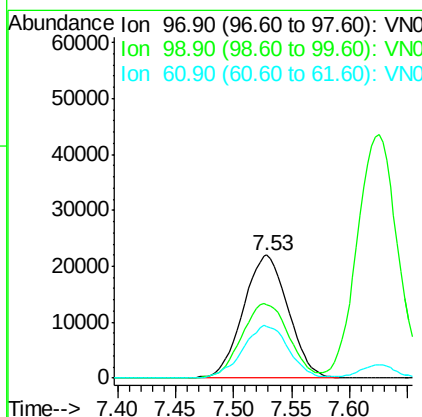
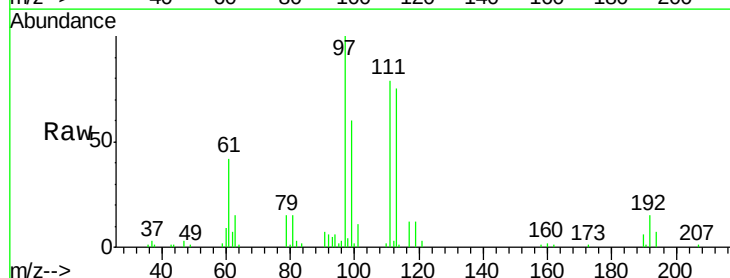
Manual Integrations
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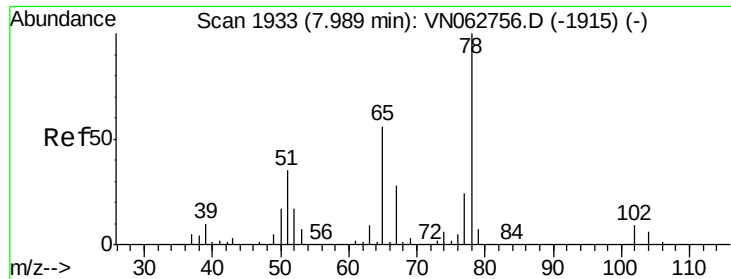
sam
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#32
1,1,1-Trichloroethane
Concen: 17.036 ug/l
RT: 7.53 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VN062803.D
Acq: 10 Aug 2020 12:44

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.3	50.0	75.0
61	43.6	34.8	52.2





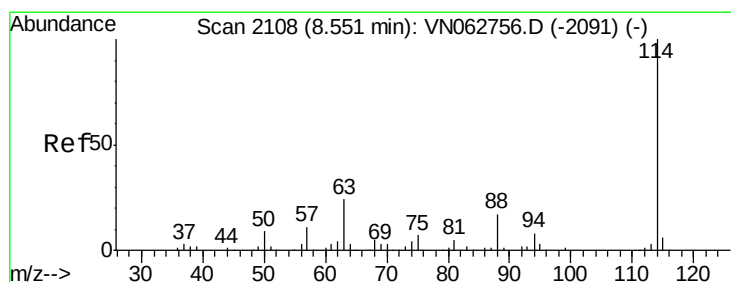
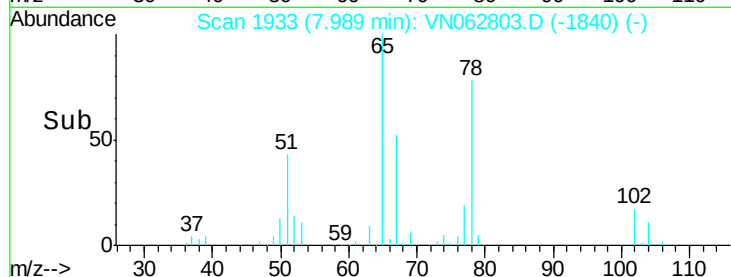
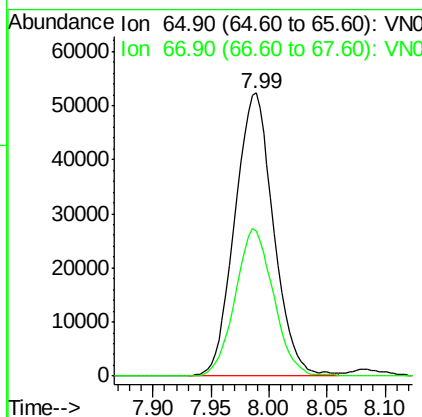
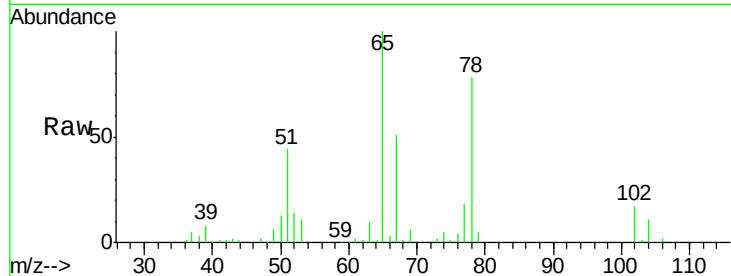
#33
 1,2-Dichloroethane-d4
 Concen: 43.735 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN062803.D
 Acq: 10 Aug 2020 12:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0810WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	121310		
67	51.6	0.0	101.4	

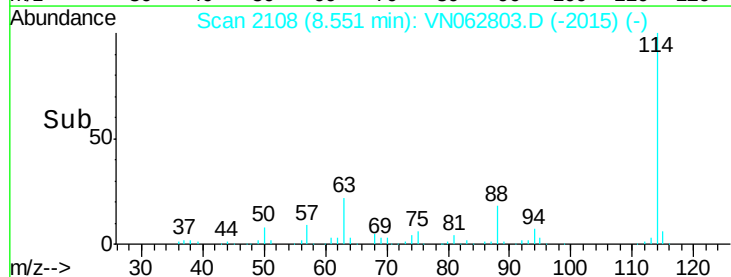
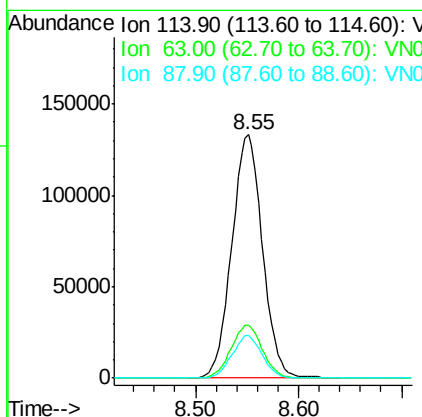
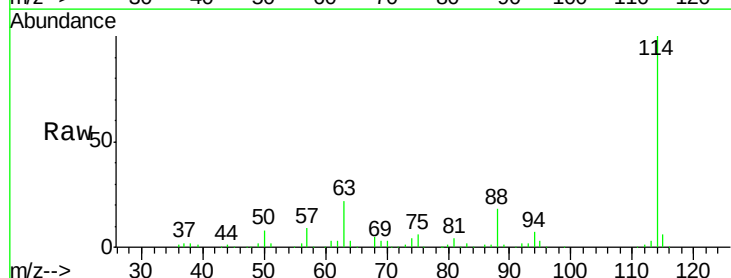
Manual Integrations
 APPROVED

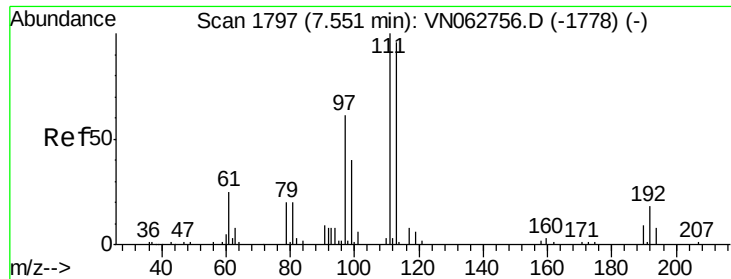
sam
 8/11/2020 3:24:49 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN062803.D
 Acq: 10 Aug 2020 12:44

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	275699		
63	21.9	0.0	47.6	
88	17.6	0.0	34.4	





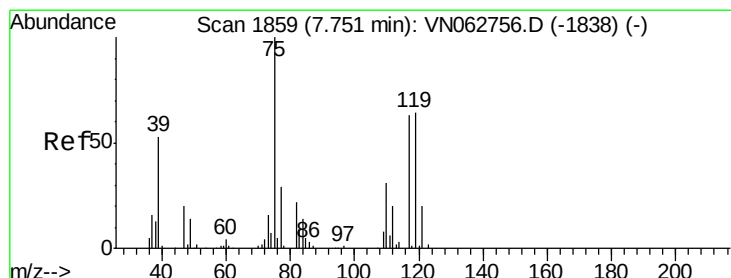
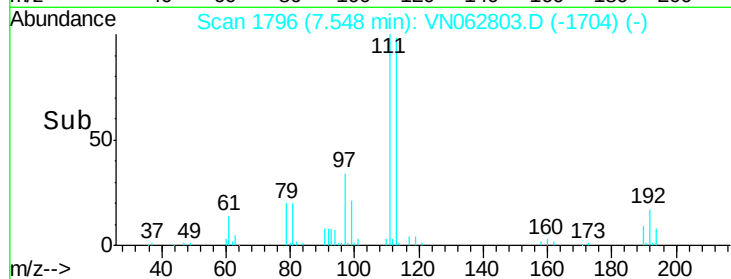
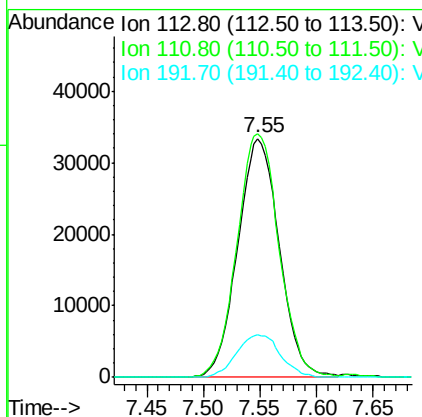
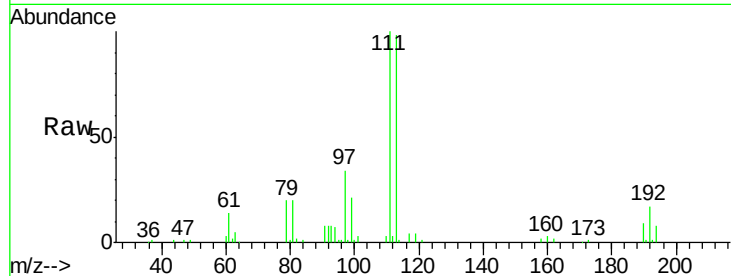
#35
 Dibromofluoromethane
 Concen: 45.223 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062803.D
 Acq: 10 Aug 2020 12:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0810WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	85288		
111	103.4	81.8	122.6	
192	18.6	15.0	22.4	

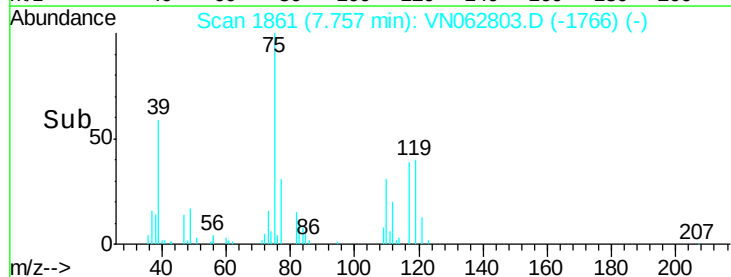
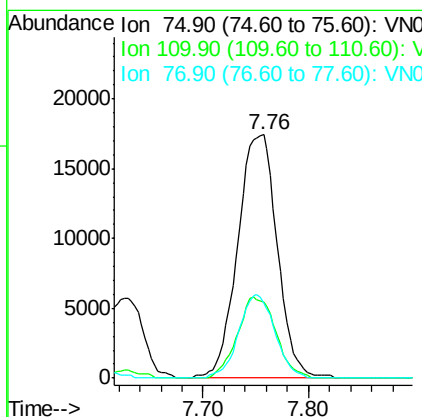
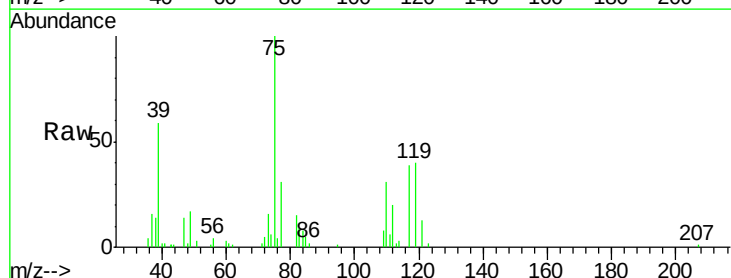
Manual Integrations
 APPROVED

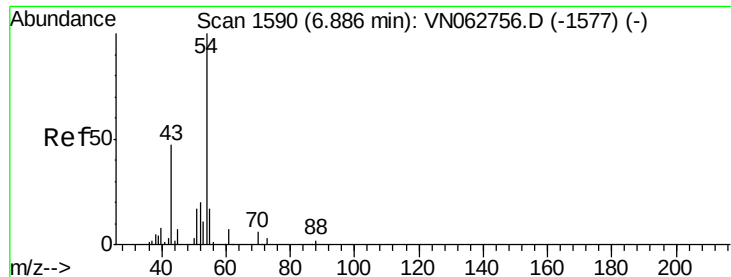
sam
 8/11/2020 3:24:49 PM



#36
 1,1-Dichloropropene
 Concen: 16.930 ug/l
 RT: 7.76 min Scan# 1861
 Delta R.T. 0.01 min
 Lab File: VN062803.D
 Acq: 10 Aug 2020 12:44

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	45449		
110	32.4	15.6	46.7	
77	31.4	24.1	36.1	





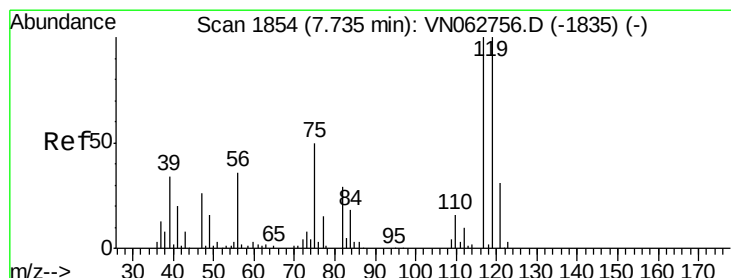
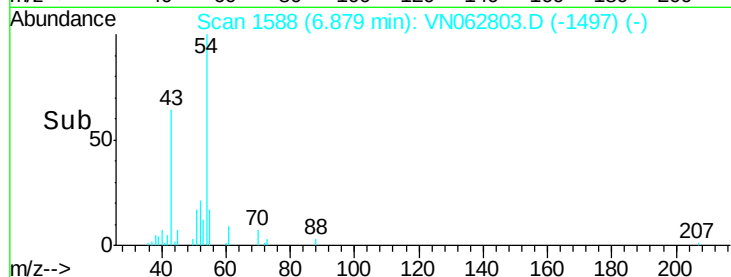
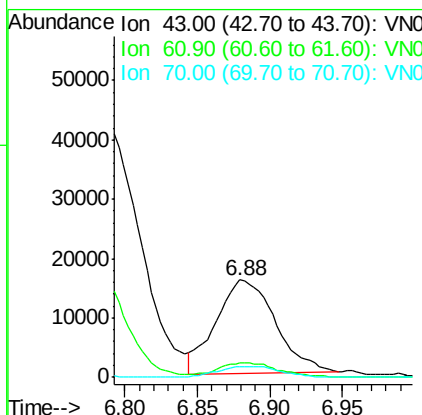
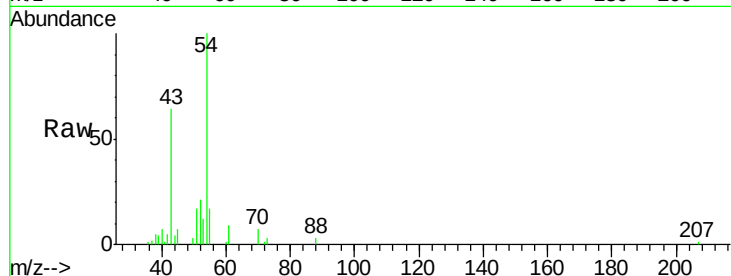
#37
Ethyl Acetate
Concen: 15.974 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.01 min
Lab File: VN062803.D
Acq: 10 Aug 2020 12:44

Instrument :
MSVOA_N
ClientSampled :
VN0810WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.1	12.1	18.1
70	12.2	8.3	12.5

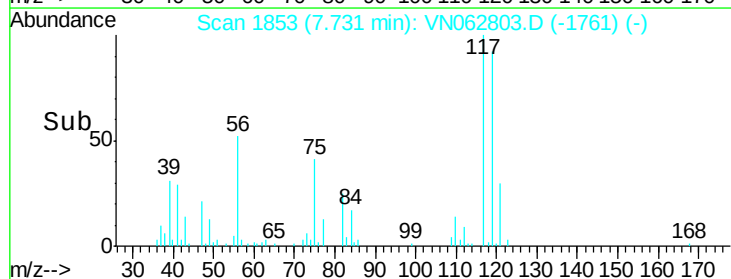
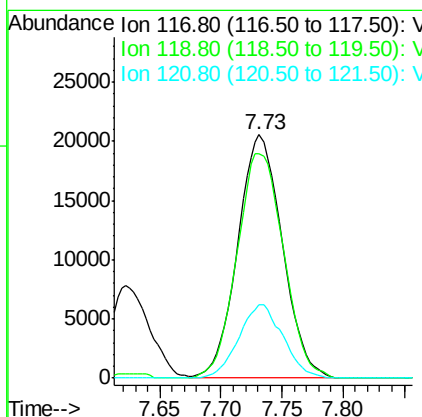
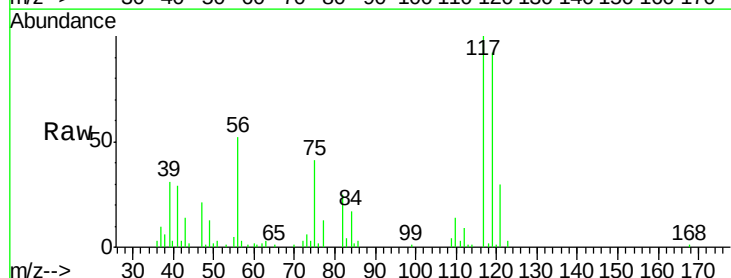
Manual Integrations
APPROVED

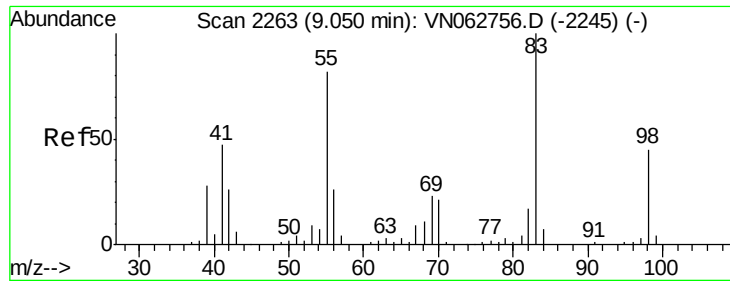
sam
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#38
Carbon Tetrachloride
Concen: 16.381 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062803.D
Acq: 10 Aug 2020 12:44

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.4	79.4	119.2
121	29.9	24.9	37.3





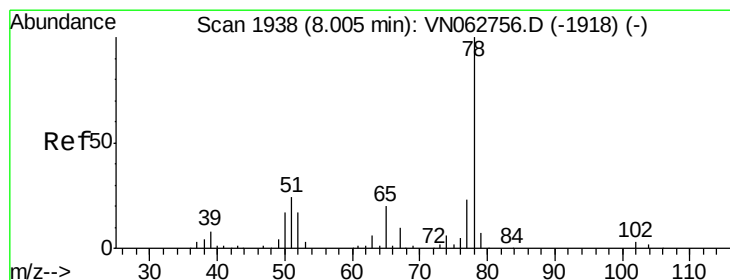
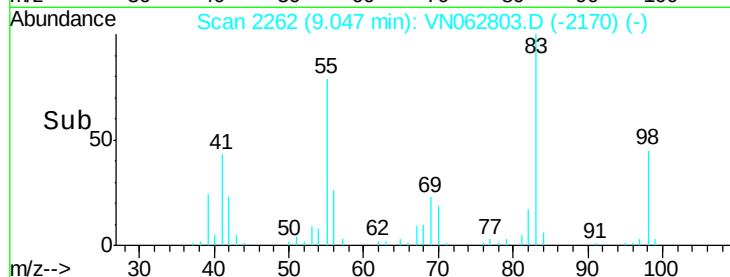
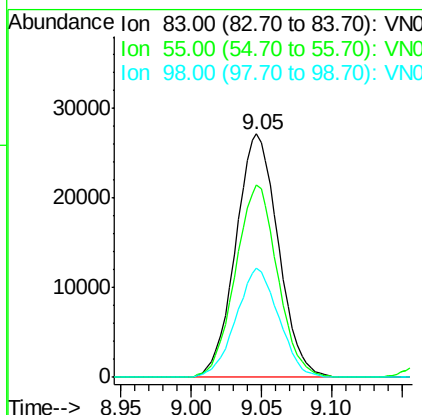
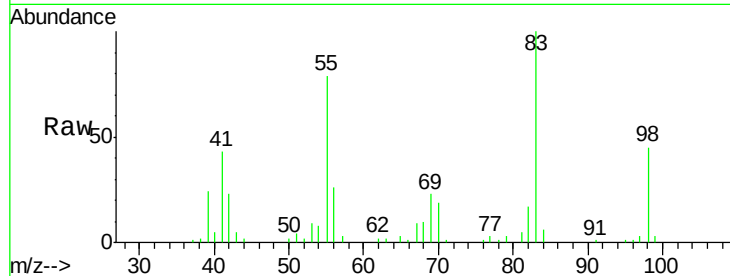
#39
Methylvlcyclohexane
Concen: 17.730 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062803.D
Acq: 10 Aug 2020 12:44

Instrument :
MSVOA_N
ClientSampled :
VN0810WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.0	65.7	98.5
98	44.9	35.6	53.4

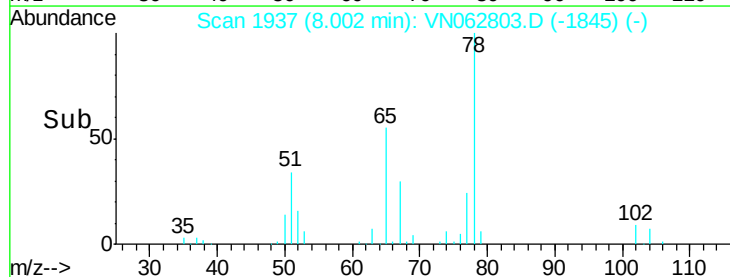
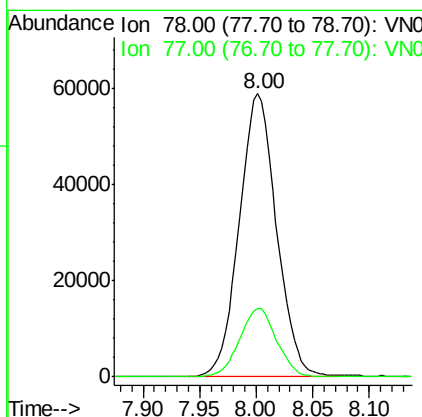
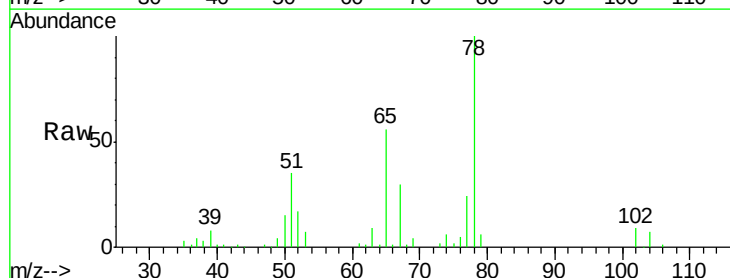
Manual Integrations
APPROVED

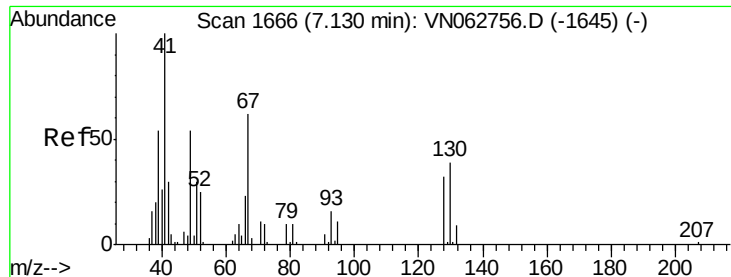
sam
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#40
Benzene
Concen: 16.873 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062803.D
Acq: 10 Aug 2020 12:44

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	18.1	27.1





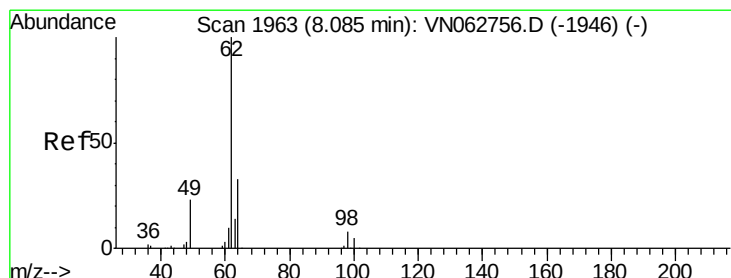
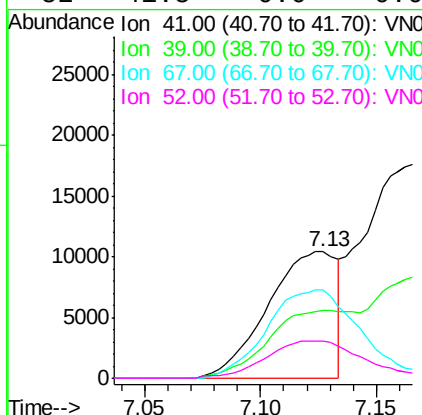
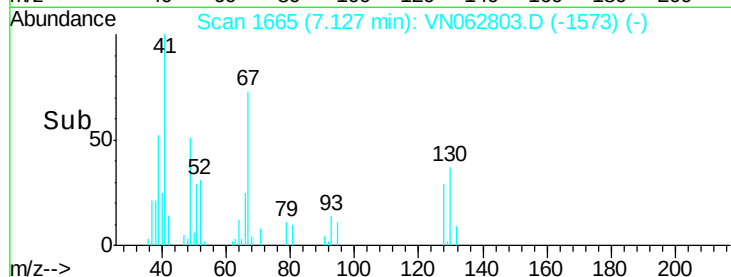
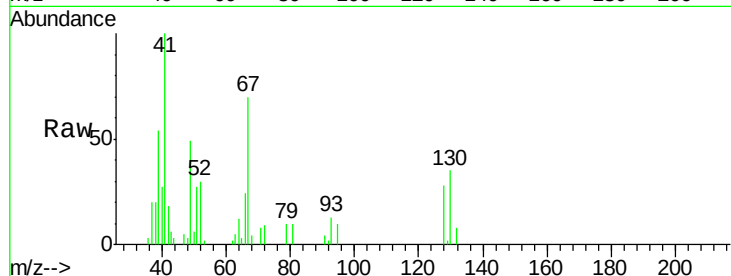
#41
Methacrylonitrile
Concen: 17.083 ug/l
RT: 7.13 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VN062803.D
Acq: 10 Aug 2020 12:44

Instrument :
MSVOA_N
ClientSampleId :
VN0810WBS01

Tot Ion:	41	Resp:	21617
Ion Ratio	Lower	Upper	
41	100		
39	63.2	69.4	104.2#
67	94.5	0.0	0.0#
52	41.5	0.0	0.0#

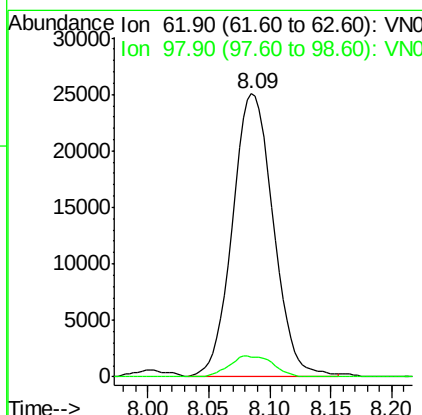
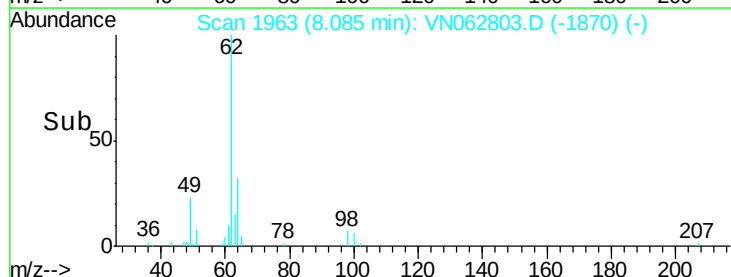
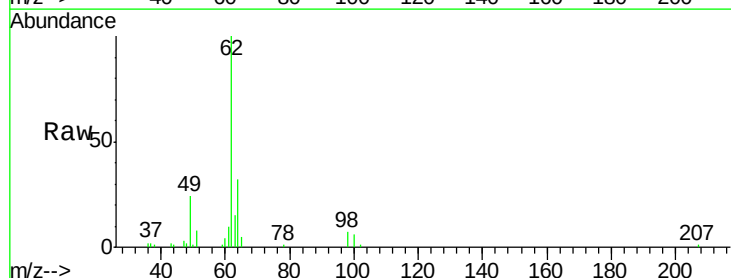
Manual Integrations
APPROVED

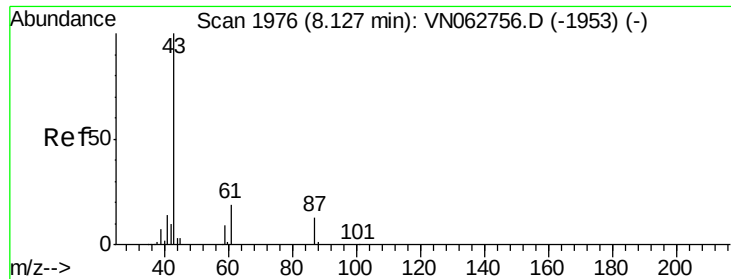
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#42
1,2-Dichloroethane
Concen: 17.095 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VN062803.D
Acq: 10 Aug 2020 12:44

Tgt Ion:	62	Resp:	58284
Ion Ratio	Lower	Upper	
62	100		
98	7.9	0.0	15.8





#43

Isopropyl Acetate

Concen: 17.112 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN062803.D

Acq: 10 Aug 2020 12:44

Instrument :

MSVOA_N

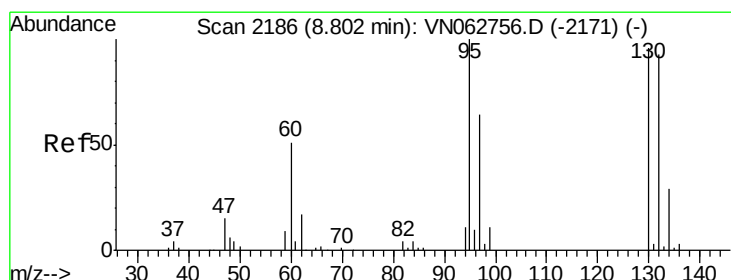
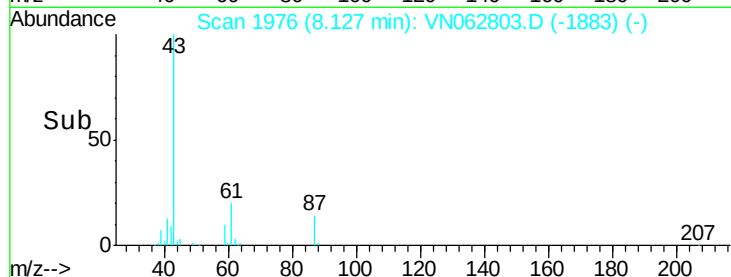
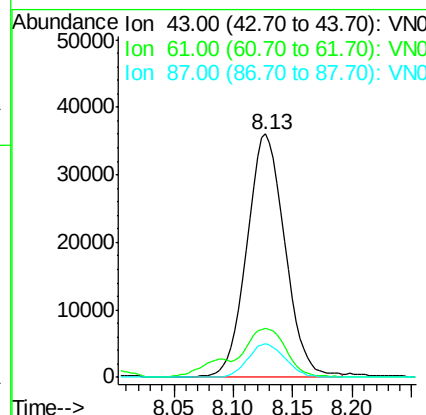
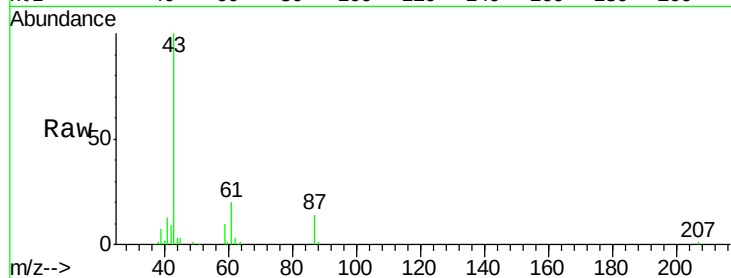
ClientSampleId :

VN0810WBS01

Tot Ion:	43	Resp:	80040
Ion	Ratio	Lower	Upper
43	100		
61	20.6	15.8	23.6
87	13.5	9.9	14.9

Manual Integrations
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sam
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#44

Trichloroethene

Concen: 17.189 ug/l

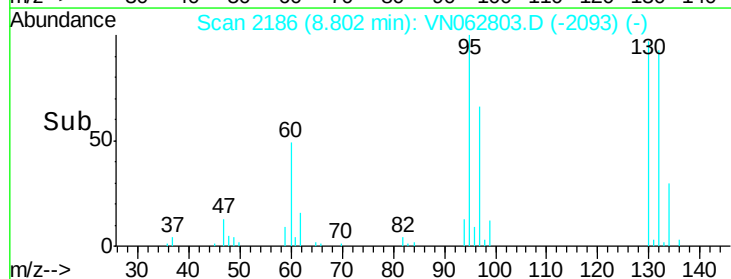
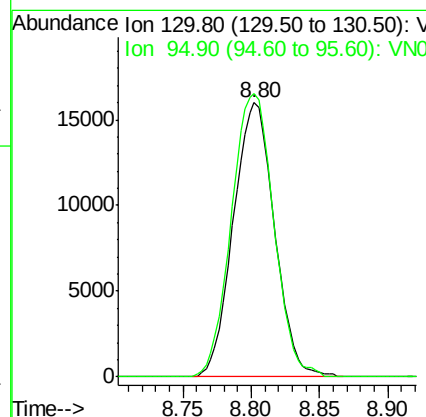
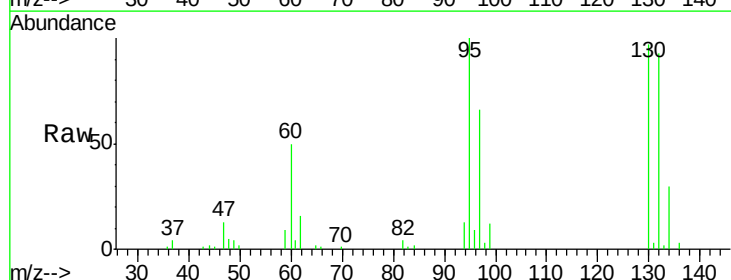
RT: 8.80 min Scan# 2186

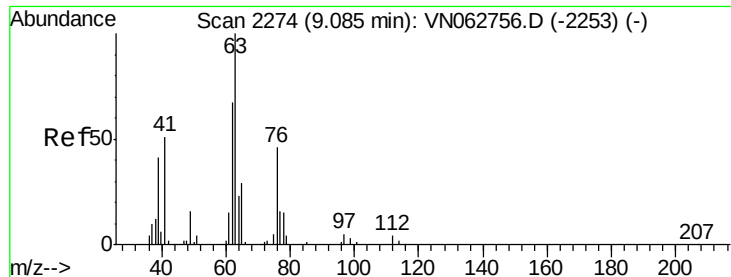
Delta R.T. 0.00 min

Lab File: VN062803.D

Acq: 10 Aug 2020 12:44

Tgt Ion:	130	Resp:	33547
Ion	Ratio	Lower	Upper
130	100		
95	103.2	0.0	207.6





#45

1,2-Dichloropropane

Concen: 17.550 ug/l

RT: 9.09 min Scan# 2274

Delta R.T. 0.00 min

Lab File: VN062803.D

Acq: 10 Aug 2020 12:44

Instrument :

MSVOA_N

ClientSampled :

VN0810WBS01

Tot Ion: 63 Resp: 38050

Ion Ratio Lower Upper

63 100

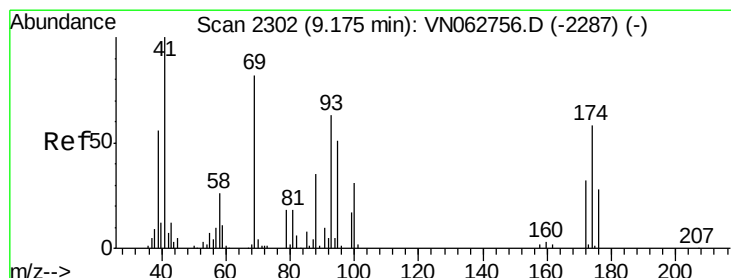
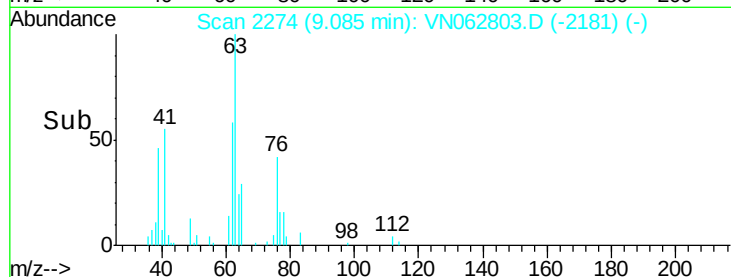
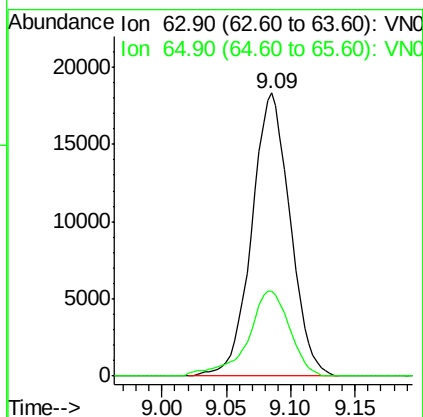
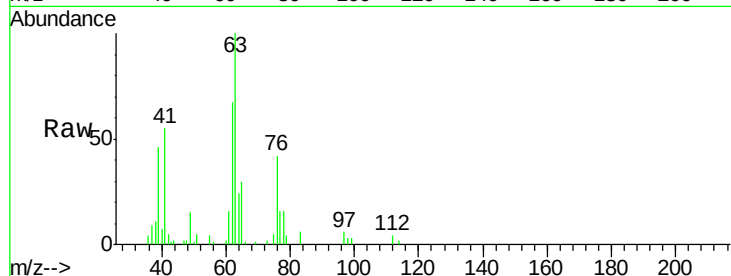
65 30.0 23.5 35.3

Manual Integrations

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#46

Dibromomethane

Concen: 18.274 ug/l

RT: 9.18 min Scan# 2302

Delta R.T. 0.00 min

Lab File: VN062803.D

Acq: 10 Aug 2020 12:44

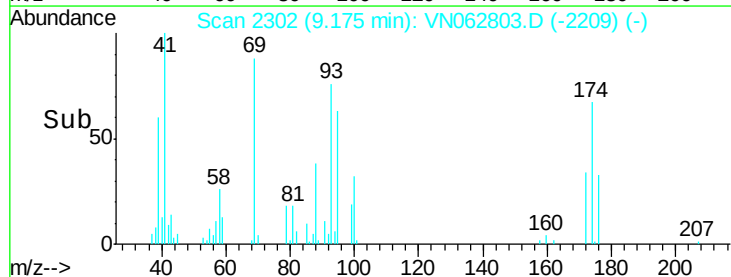
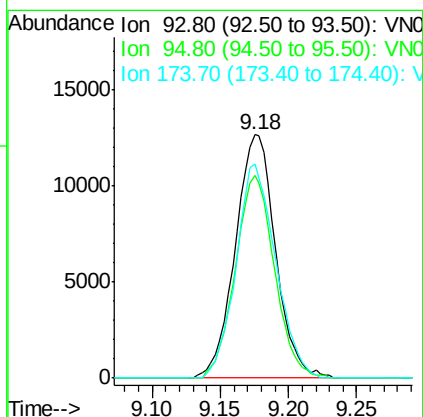
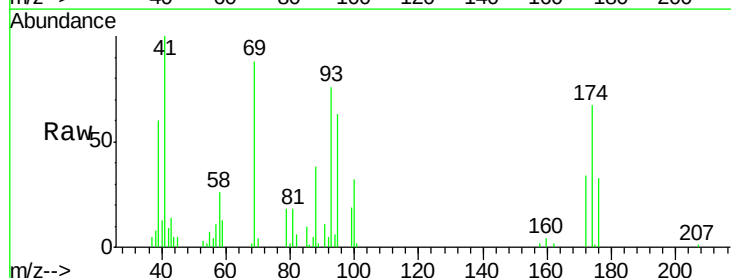
Tgt Ion: 93 Resp: 25959

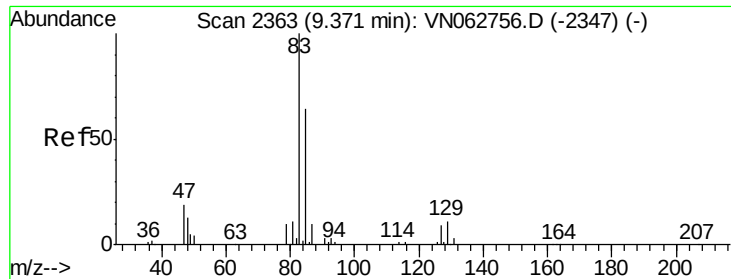
Ion Ratio Lower Upper

93 100

95 81.1 65.1 97.7

174 86.8 73.9 110.9





#47

Bromodichloromethane

Concen: 17.294 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. 0.00 min

Lab File: VN062803.D

Acq: 10 Aug 2020 12:44

Instrument :

MSVOA_N

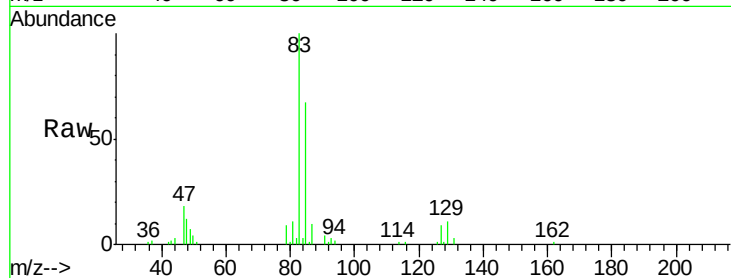
ClientSampled :

VN0810WBS01

Tot Ion:	83	Resp:	55177
Ion	Ratio	Lower	Upper
83	100		
85	67.4	51.4	77.0
127	8.9	6.9	10.3

Manual Integrations
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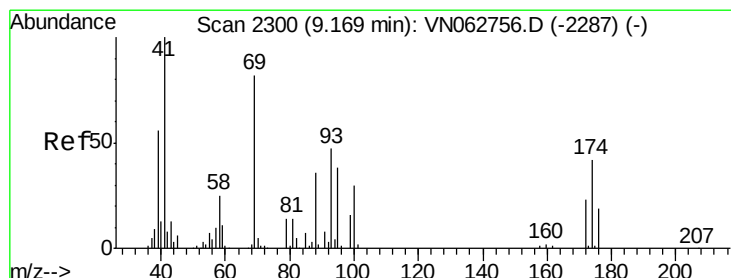
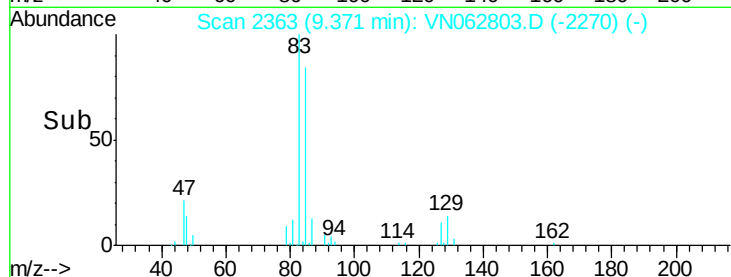
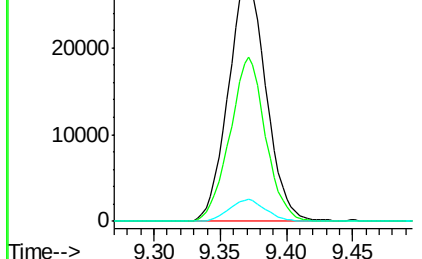


Abundance Ion 82.90 (82.60 to 83.60): VN062803.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN062803.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN062803.D (-2270) (-)

Time-->



#48

Methyl methacrylate

Concen: 16.475 ug/l

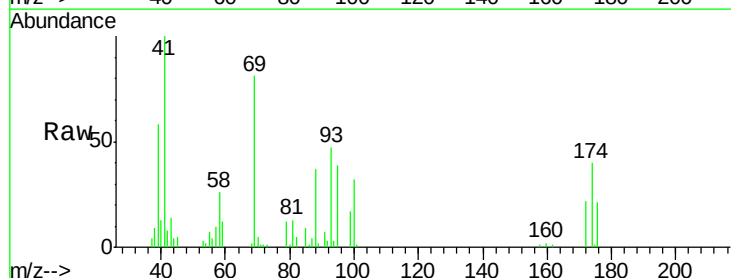
RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN062803.D

Acq: 10 Aug 2020 12:44

Tgt Ion:	41	Resp:	37904
Ion	Ratio	Lower	Upper
41	100		
69	87.7	67.4	101.2
39	59.9	47.6	71.4

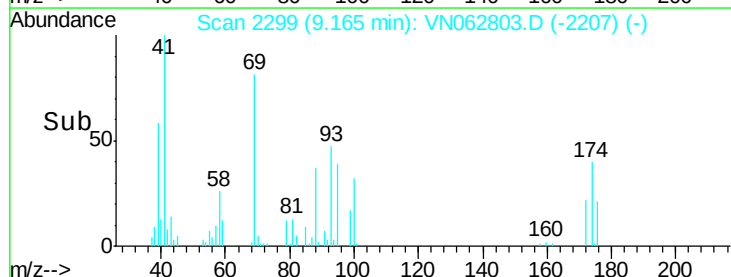
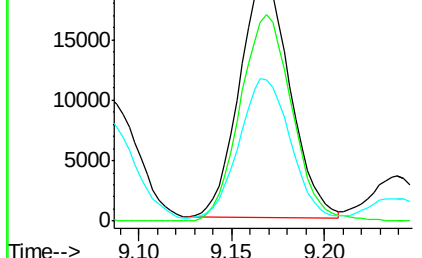


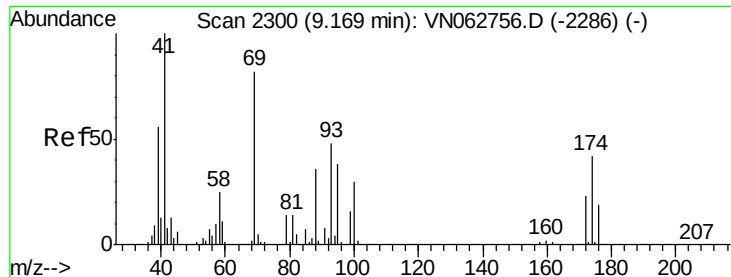
Abundance Ion 41.00 (40.70 to 41.70): VN062803.D (-2207) (-)

Ion 69.00 (68.70 to 69.70): VN062803.D (-2207) (-)

Ion 39.00 (38.70 to 39.70): VN062803.D (-2207) (-)

Time-->





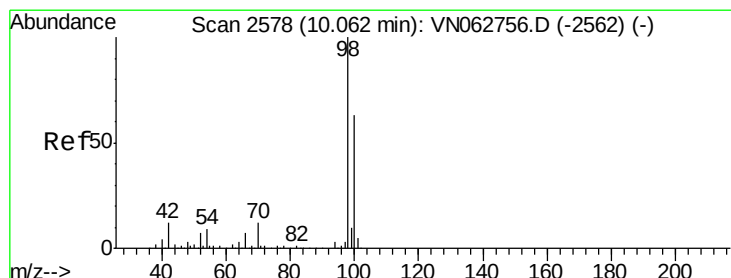
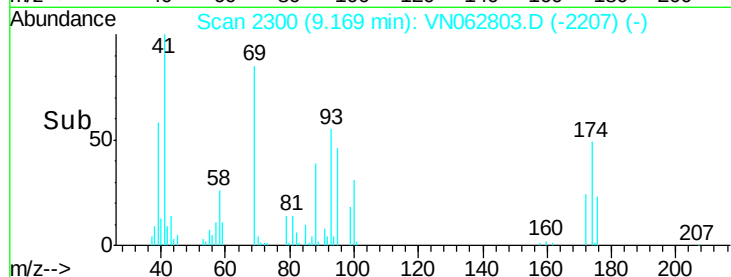
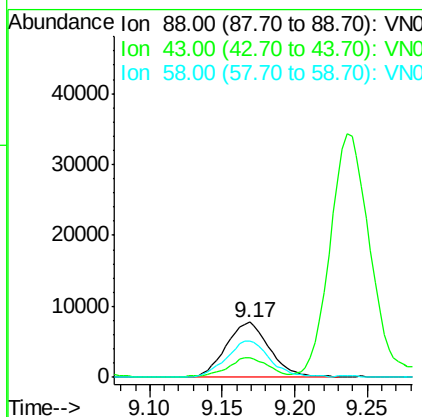
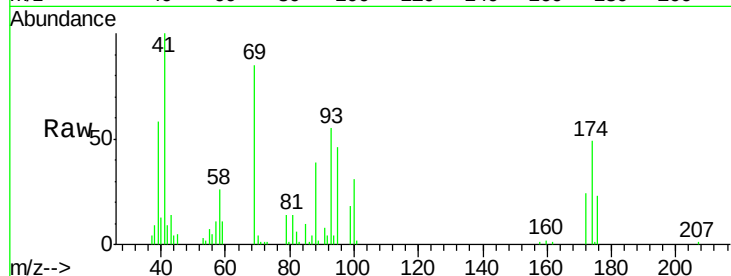
#49
1,4-Dioxane
Concen: 380.653 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. 0.00 min
Lab File: VN062803.D
Acq: 10 Aug 2020 12:44

Instrument :
MSVOA_N
ClientSampleId :
VN0810WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.1	29.5	44.3
58	66.5	59.8	89.8

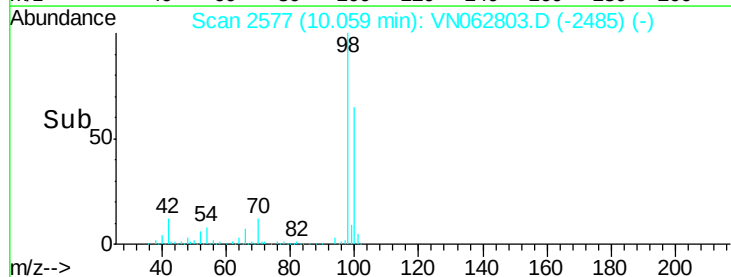
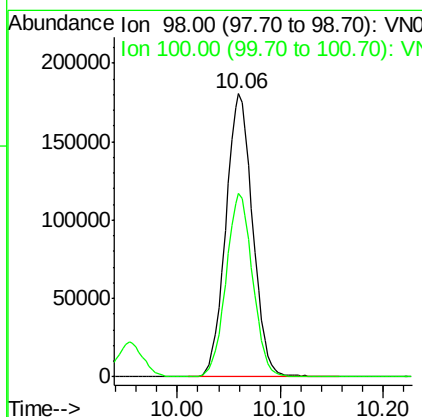
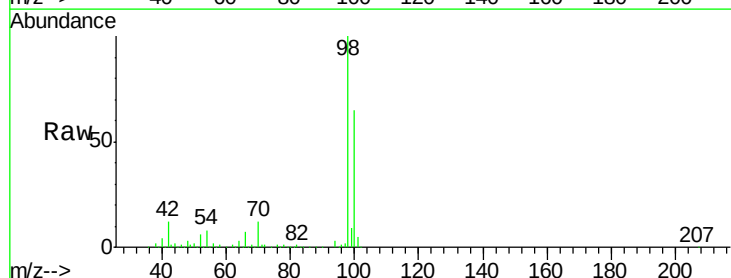
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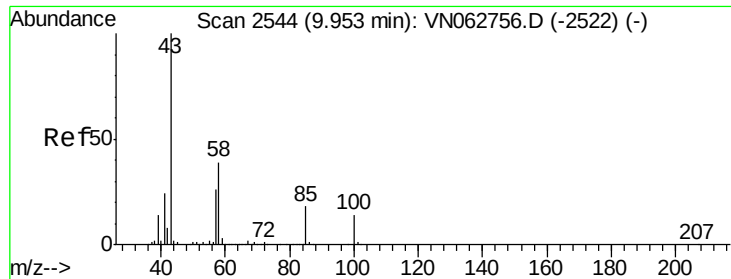
sam
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#50
Toluene-d8
Concen: 44.501 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062803.D
Acq: 10 Aug 2020 12:44

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.0	50.9	76.3





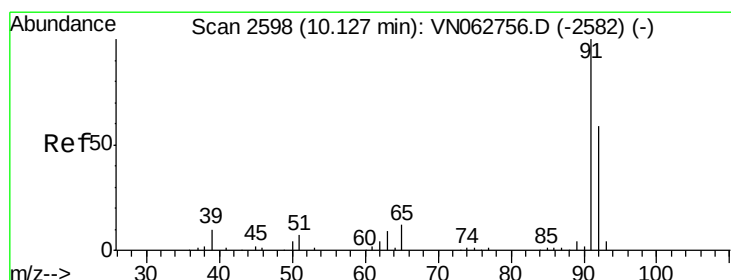
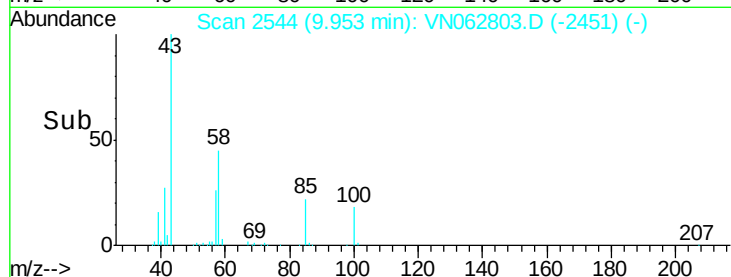
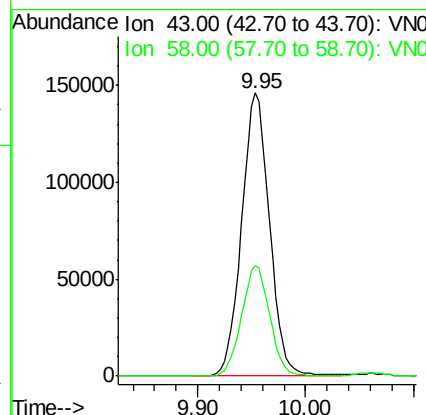
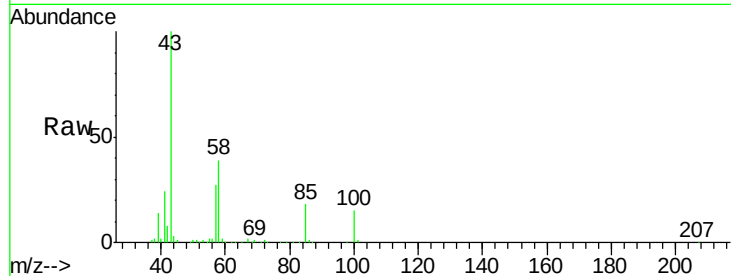
#51
4-Methyl-2-Pentanone
Concen: 86.977 ug/l
RT: 9.95 min Scan# 2544
Delta R.T. 0.00 min
Lab File: VN062803.D
Acq: 10 Aug 2020 12:44

Instrument :
MSVOA_N
ClientSampleId :
VN0810WBS01

Tot Ion	43	Resp	263222
Ion Ratio	43	100	
Lower	58	39.4	31.1
Upper			46.7

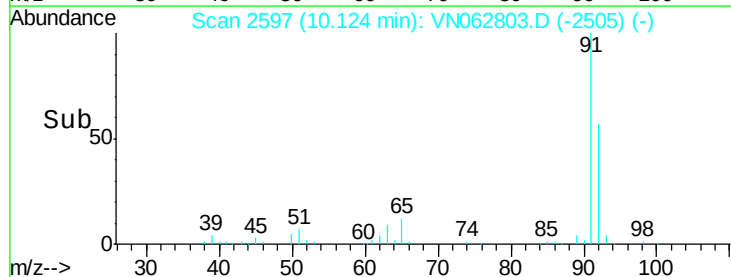
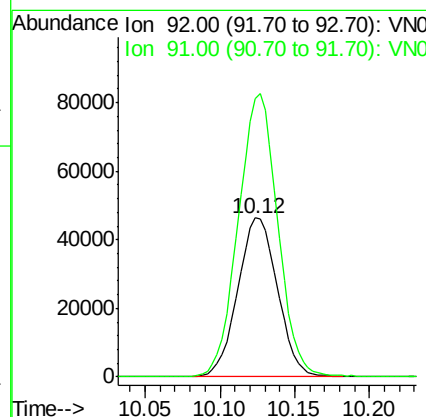
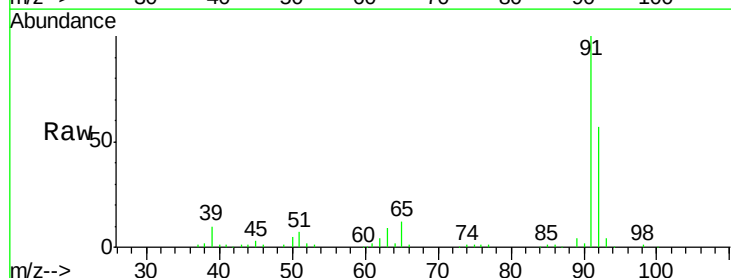
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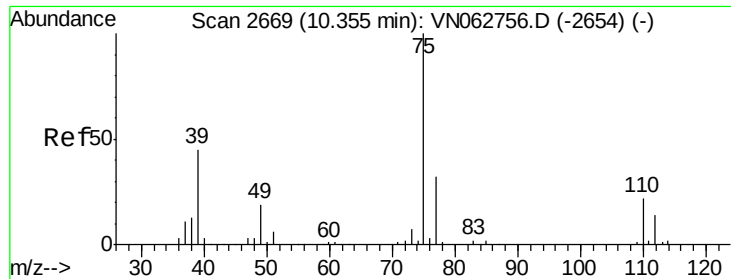
sam
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#52
Toluene
Concen: 17.360 ug/l
RT: 10.12 min Scan# 2597
Delta R.T. -0.00 min
Lab File: VN062803.D
Acq: 10 Aug 2020 12:44

Tgt Ion	92	Resp	85863
Ion Ratio	92	100	
Lower	91	176.9	138.9
Upper			208.3





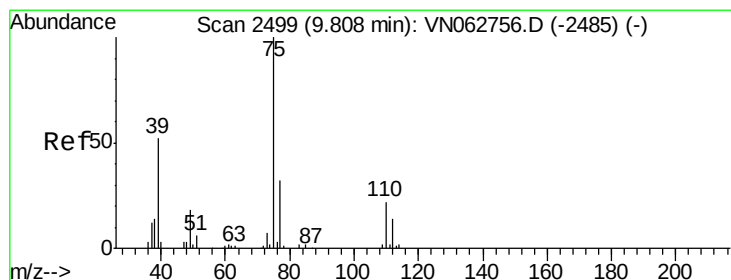
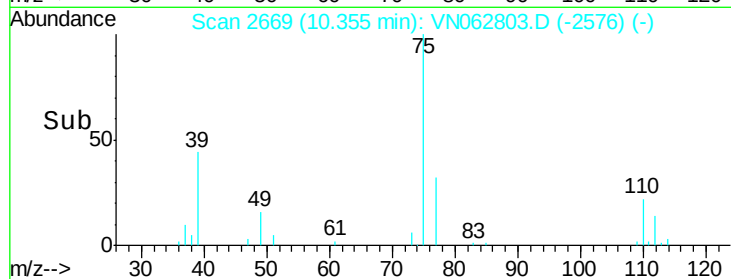
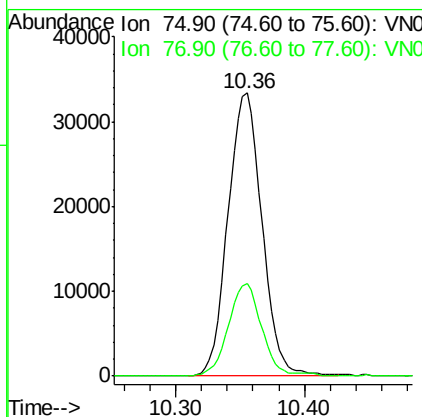
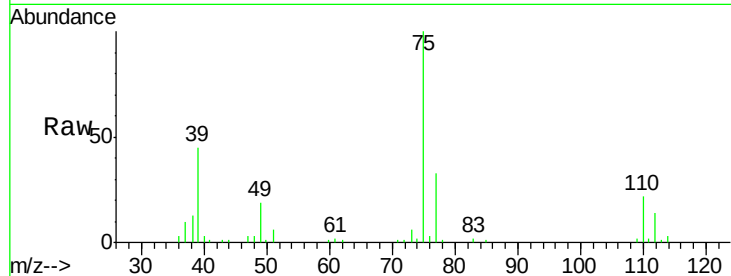
#53
t-1,3-Dichloropropene
Concen: 17.451 ug/l
RT: 10.36 min Scan# 2669
Delta R.T. 0.00 min
Lab File: VN062803.D
Acq: 10 Aug 2020 12:44

Instrument :
MSVOA_N
ClientSampleId :
VN0810WBS01

Tot Ion	75	Resp	61244
Ion Ratio	Lower	Upper	
75	100		
77	32.6	25.4	38.2

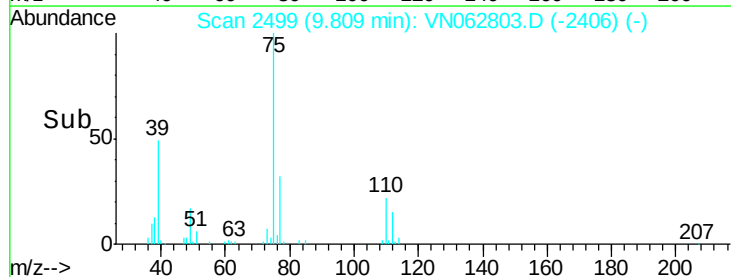
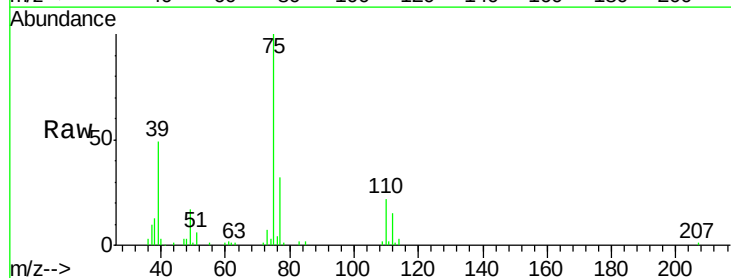
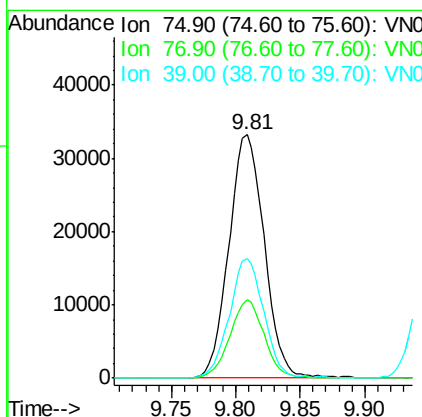
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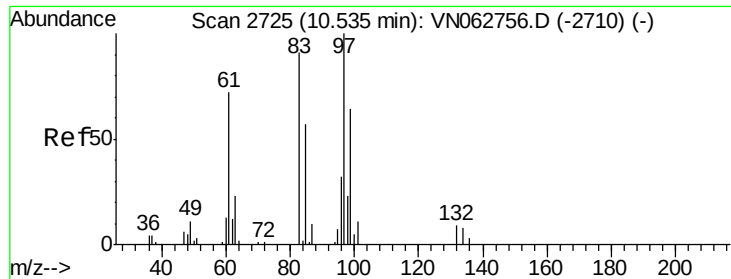
sam
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#54
cis-1,3-Dichloropropene
Concen: 17.986 ug/l
RT: 9.81 min Scan# 2499
Delta R.T. 0.00 min
Lab File: VN062803.D
Acq: 10 Aug 2020 12:44

Tgt Ion	75	Resp	63375
Ion Ratio	Lower	Upper	
75	100		
77	32.0	25.5	38.3
39	49.0	41.9	62.9





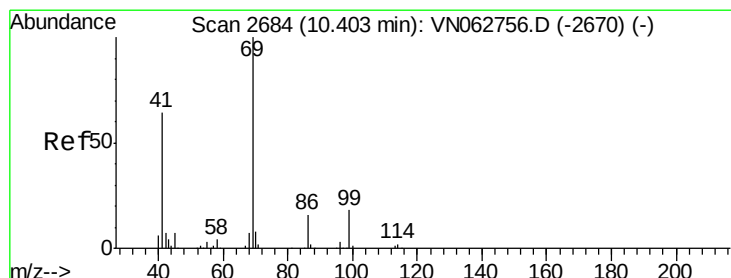
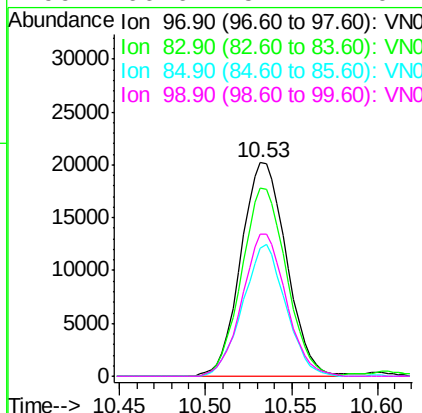
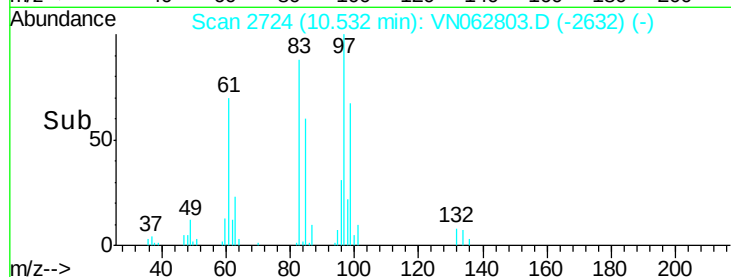
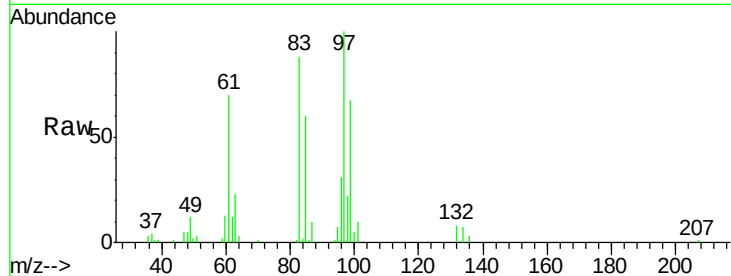
#55
 1,1,2-Trichloroethane
 Concen: 17.575 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN062803.D
 Acq: 10 Aug 2020 12:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0810WBS01

Tot Ion:	97	Resp:	37125
Ion	Ratio	Lower	Upper
97	100		
83	87.9	72.6	108.8
85	59.7	46.0	69.0
99	66.6	51.1	76.7

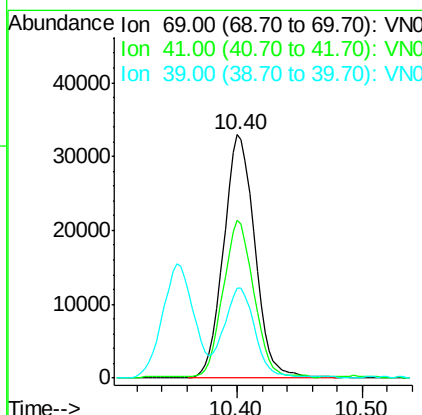
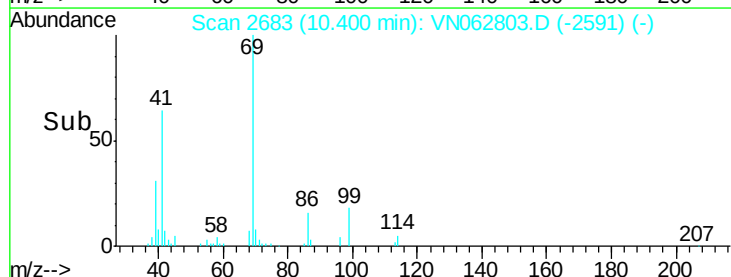
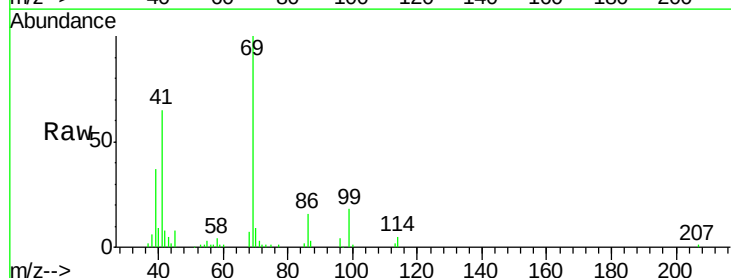
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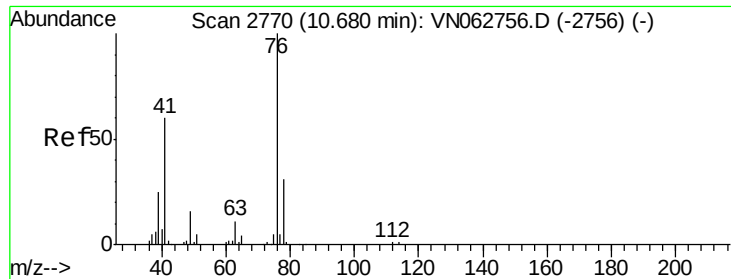
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#56
 Ethyl methacrylate
 Concen: 17.986 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: VN062803.D
 Acq: 10 Aug 2020 12:44

Tgt Ion:	69	Resp:	57187
Ion	Ratio	Lower	Upper
69	100		
41	64.7	52.2	78.2
39	35.5	30.9	46.3





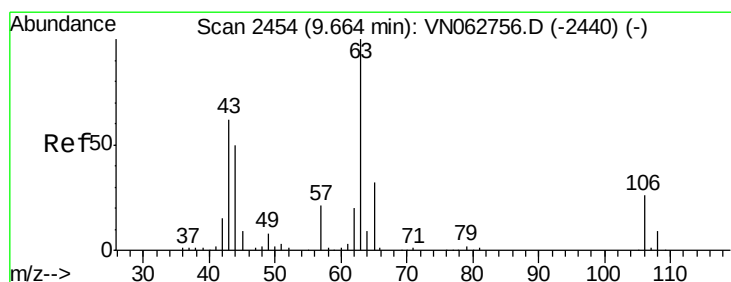
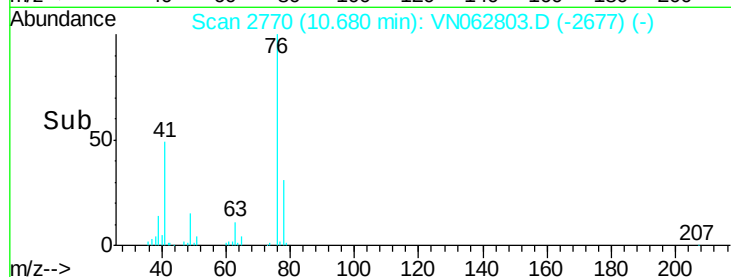
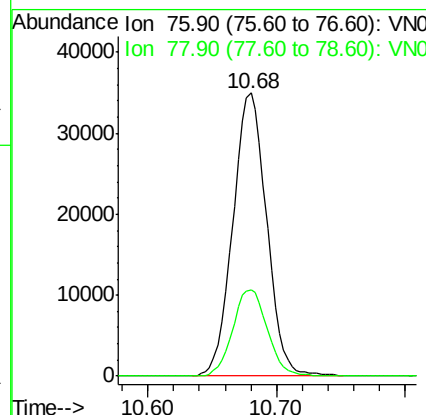
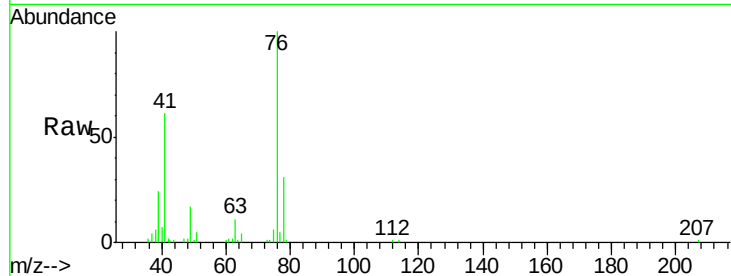
#57
 1,3-Dichloropropane
 Concen: 17.709 ug/l
 RT: 10.68 min Scan# 2770
 Delta R.T. 0.00 min
 Lab File: VN062803.D
 Acq: 10 Aug 2020 12:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0810WBS01

Tot Ion: 76 Resp: 63560
 Ion Ratio Lower Upper
 76 100
 78 31.2 25.4 38.0

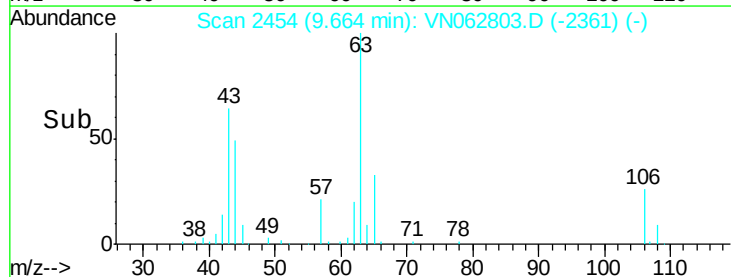
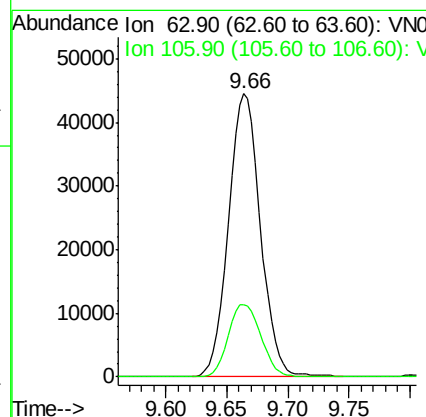
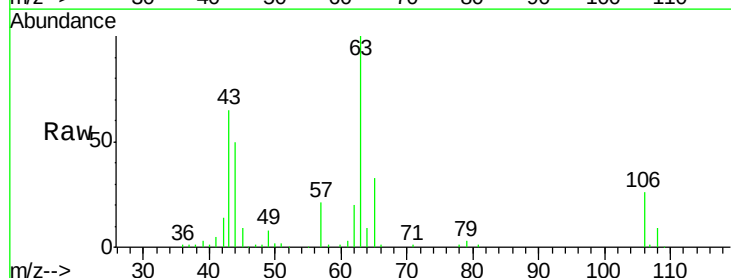
Manual Integrations
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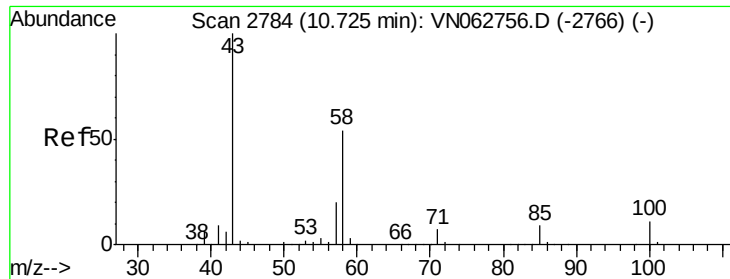
sam
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#58
 2-Chloroethyl Vinyl ether
 Concen: 90.796 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN062803.D
 Acq: 10 Aug 2020 12:44

Tgt Ion: 63 Resp: 81602
 Ion Ratio Lower Upper
 63 100
 106 26.1 20.9 31.3





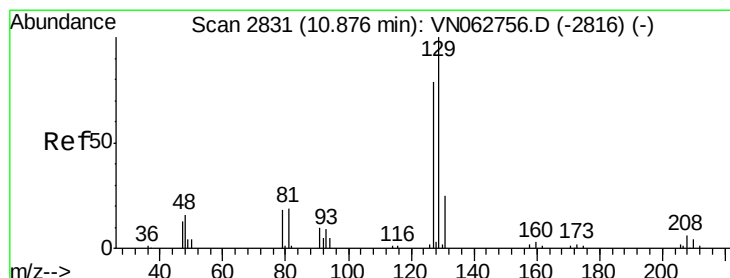
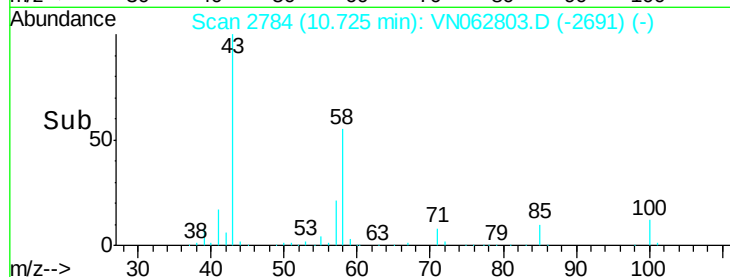
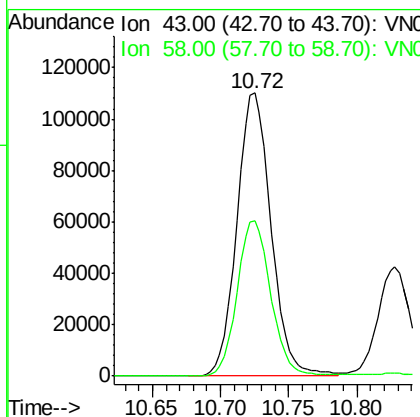
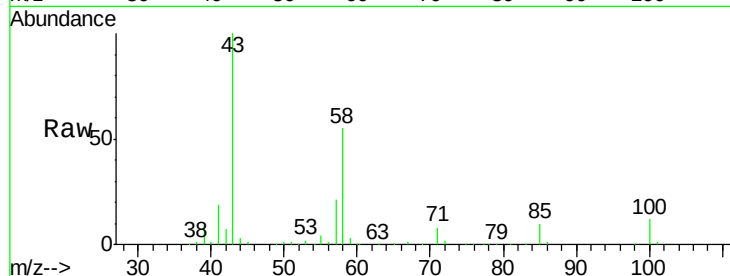
#59
2-Hexanone
Concen: 84.616 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN062803.D
Acq: 10 Aug 2020 12:44

Instrument :
MSVOA_N
ClientSampled :
VN0810WBS01

Tot Ion: 43 Resp: 191018
Ion Ratio Lower Upper
43 100
58 54.2 26.7 80.1

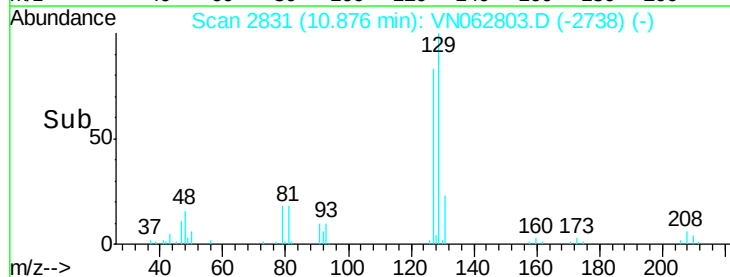
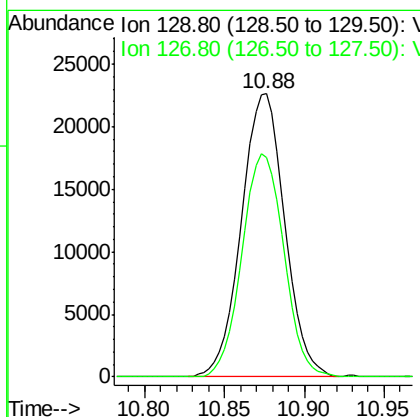
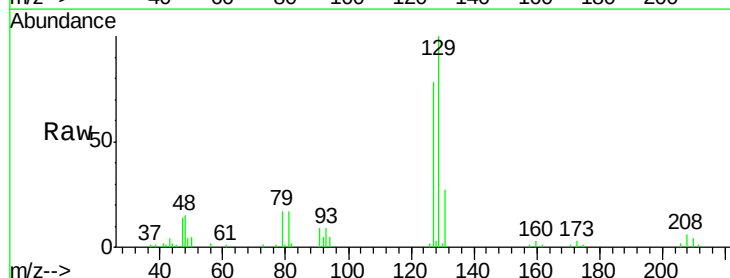
Manual Integrations
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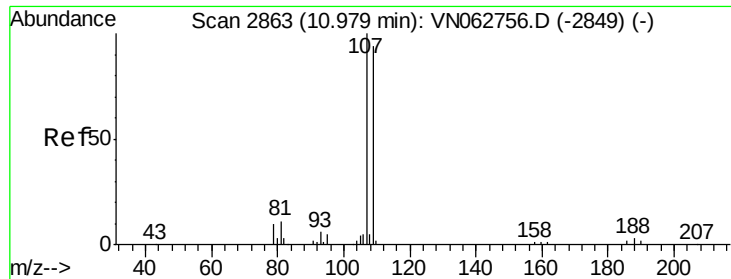
sam
8/11/2020 3:24:49 PM



#60
Dibromochloromethane
Concen: 17.362 ug/l
RT: 10.88 min Scan# 2831
Delta R.T. 0.00 min
Lab File: VN062803.D
Acq: 10 Aug 2020 12:44

Tgt Ion: 129 Resp: 41853
Ion Ratio Lower Upper
129 100
127 76.2 39.1 117.2





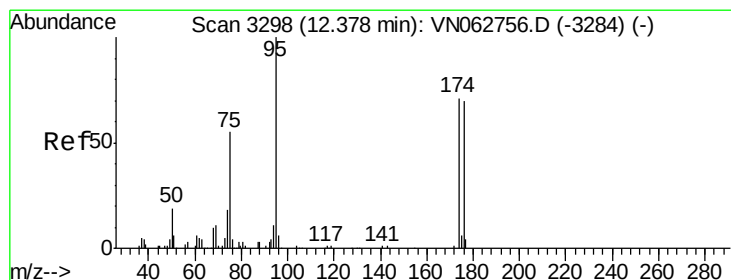
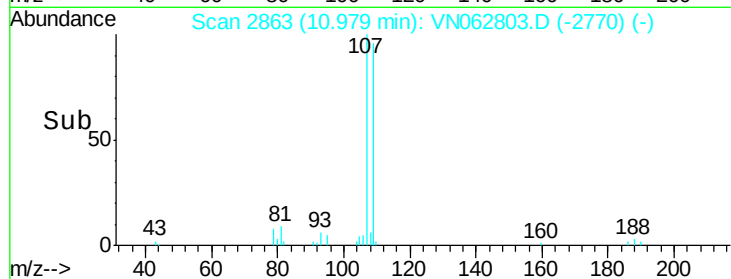
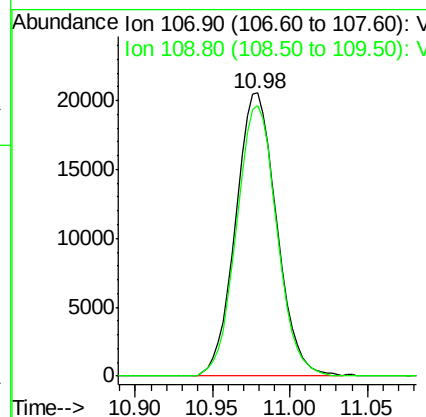
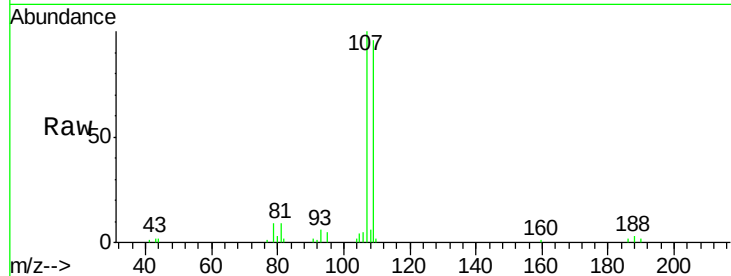
#61
 1,2-Dibromoethane
 Concen: 18.123 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. 0.00 min
 Lab File: VN062803.D
 Acq: 10 Aug 2020 12:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0810WBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.2	76.1	114.1

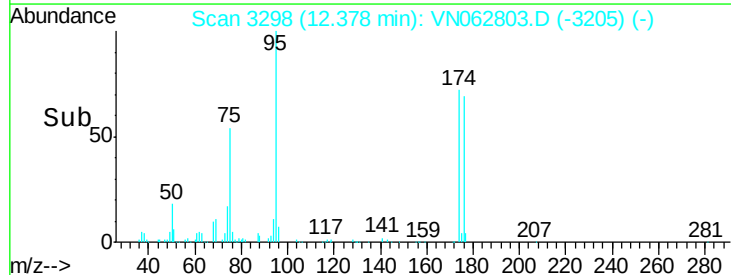
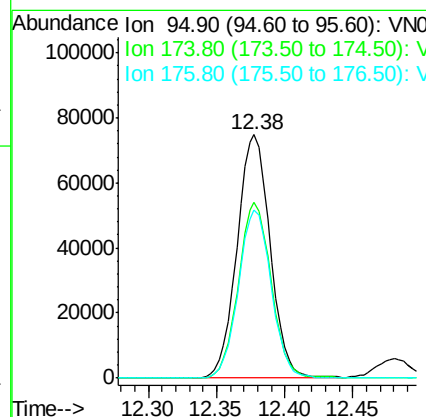
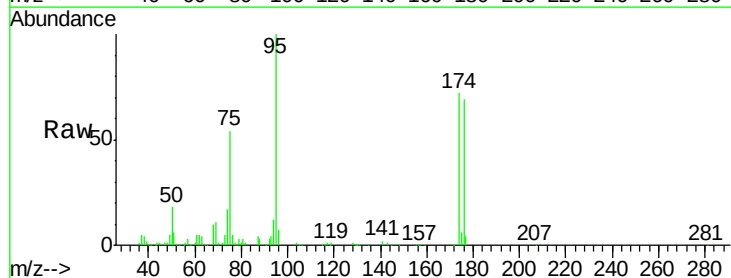
Manual Integrations
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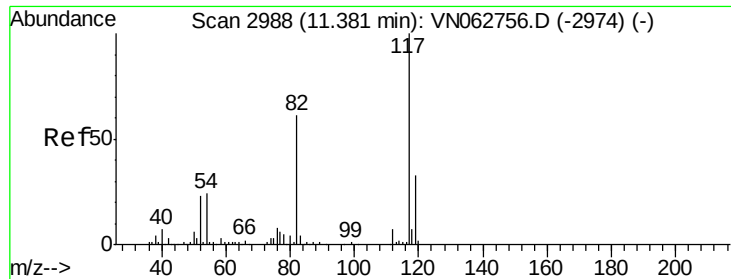
sam
 8/11/2020 3:24:49 PM



#62
 4-Bromofluorobenzene
 Concen: 45.340 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.00 min
 Lab File: VN062803.D
 Acq: 10 Aug 2020 12:44

Tgt Ion	Ratio	Lower	Upper
95	100		
174	71.5	0.0	144.8
176	68.4	0.0	142.2





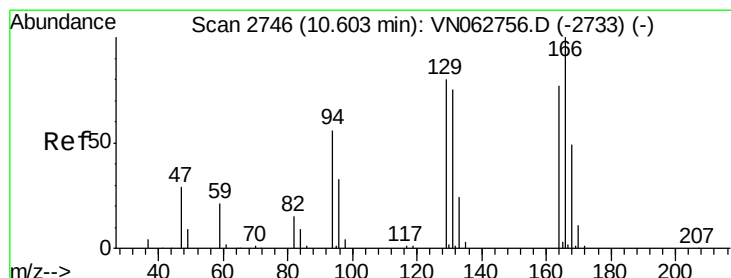
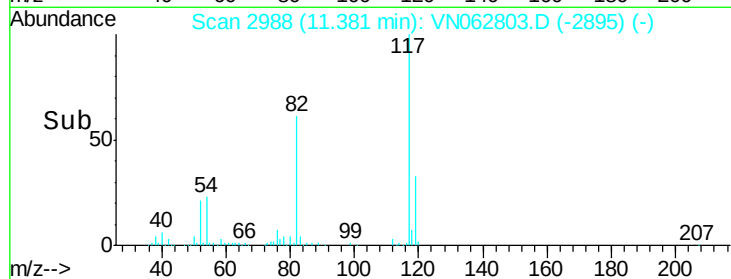
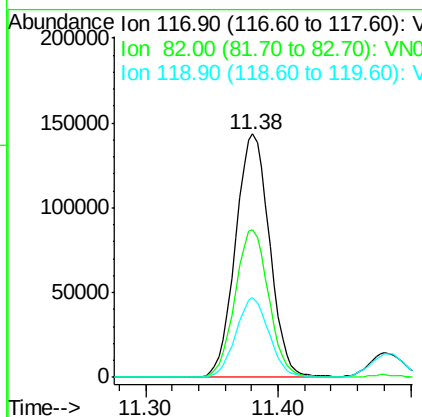
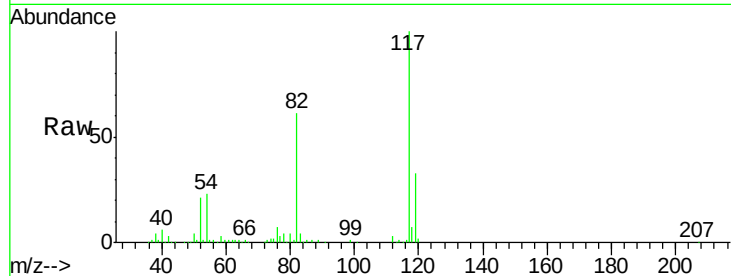
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN062803.D
Acq: 10 Aug 2020 12:44

Instrument :
MSVOA_N
ClientSampleId :
VN0810WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	256225		
82	60.8	49.0	73.4	
119	32.6	26.2	39.2	

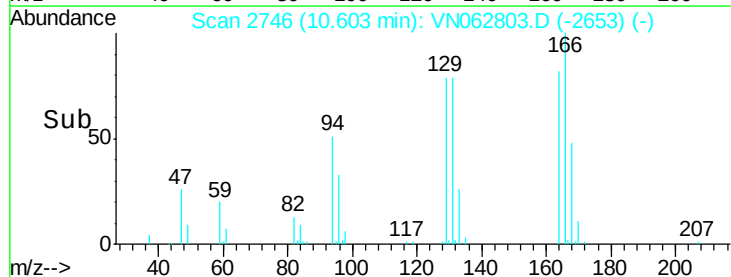
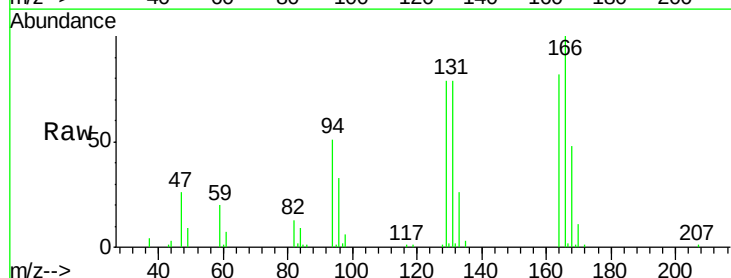
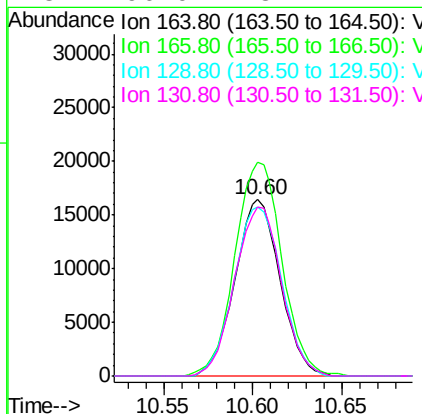
Manual Integrations
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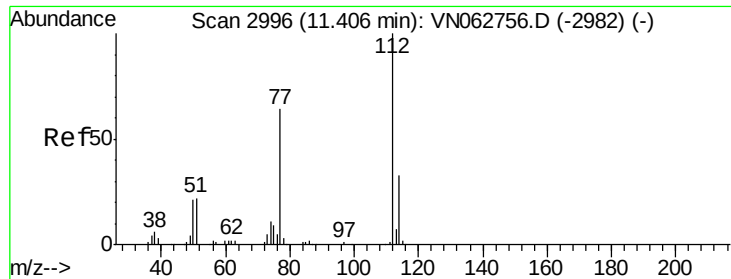
sam
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#64
Tetrachloroethene
Concen: 17.508 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. 0.00 min
Lab File: VN062803.D
Acq: 10 Aug 2020 12:44

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	28944		
166	120.2	103.8	155.8	
129	95.8	82.7	124.1	
131	96.0	78.2	117.2	





#65

Chlorobenzene

Concen: 17.964 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN062803.D

Acq: 10 Aug 2020 12:44

Instrument :

MSVOA_N

ClientSampleId :

VN0810WBS01

Tot Ion:112 Resp: 96215

Ion Ratio Lower Upper

112 100

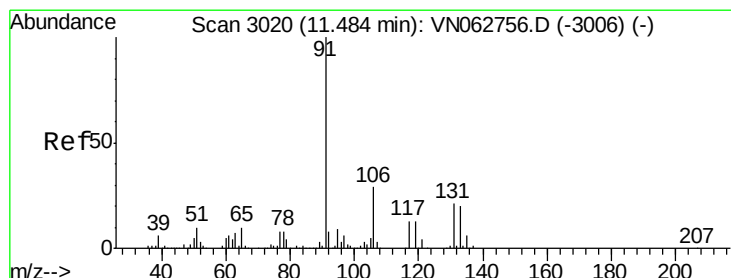
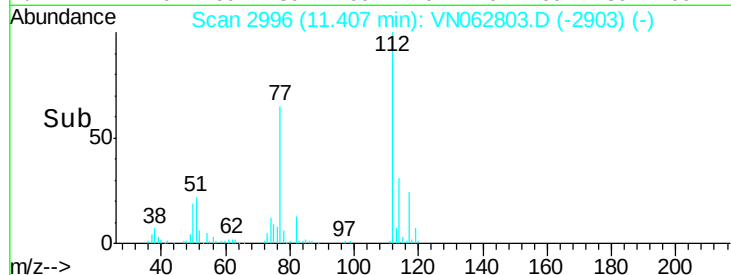
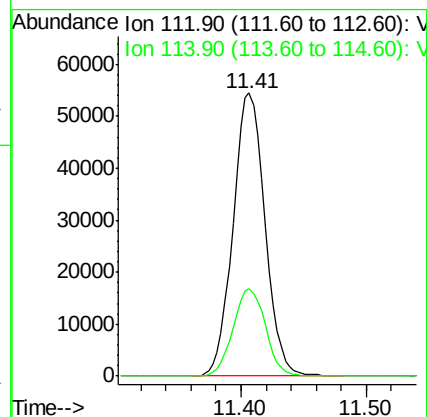
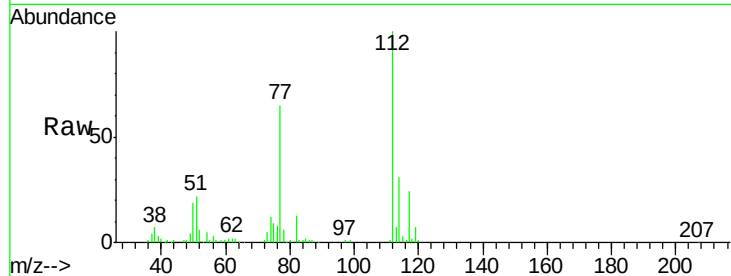
114 30.9 26.2 39.4

Manual Integrations

APPROVED

sam

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#66

1,1,1,2-Tetrachloroethane

Concen: 18.006 ug/l

RT: 11.48 min Scan# 3020

Delta R.T. 0.00 min

Lab File: VN062803.D

Acq: 10 Aug 2020 12:44

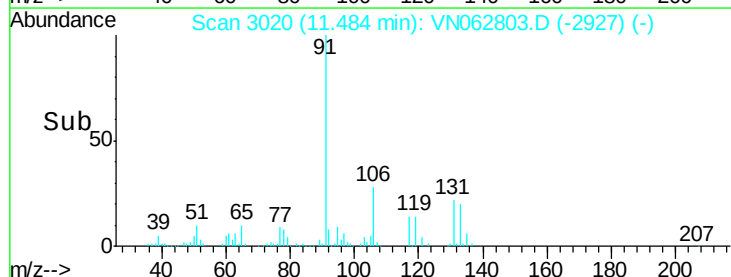
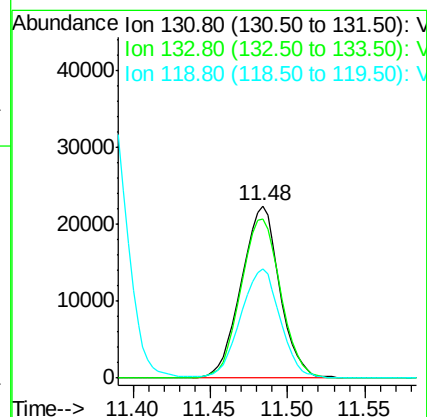
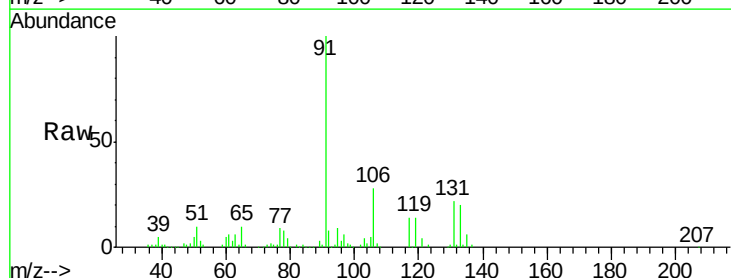
Tgt Ion:131 Resp: 38729

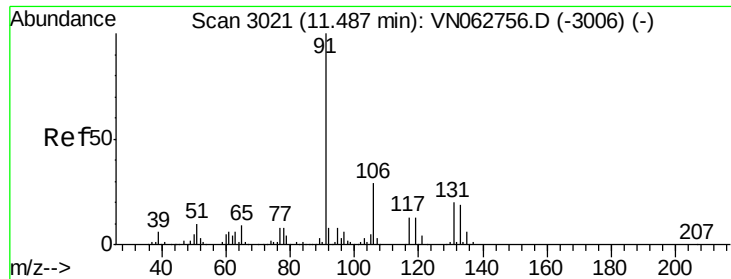
Ion Ratio Lower Upper

131 100

133 95.4 48.6 145.8

119 65.1 32.2 96.6





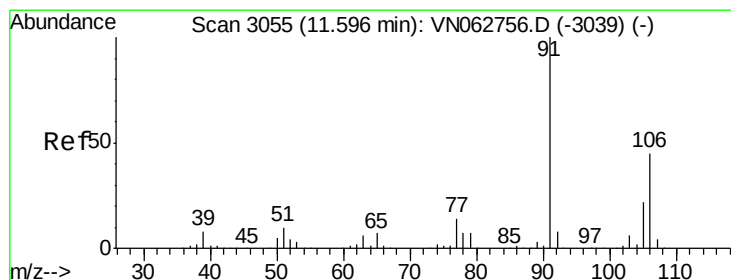
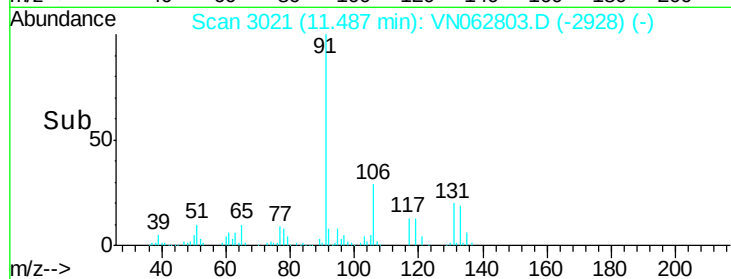
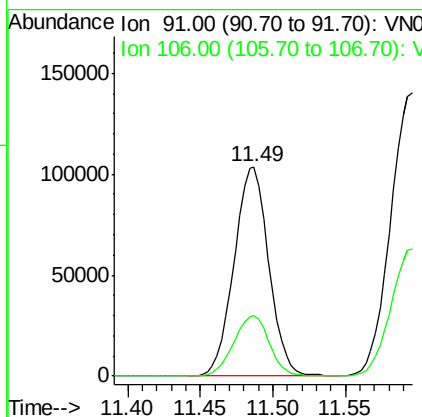
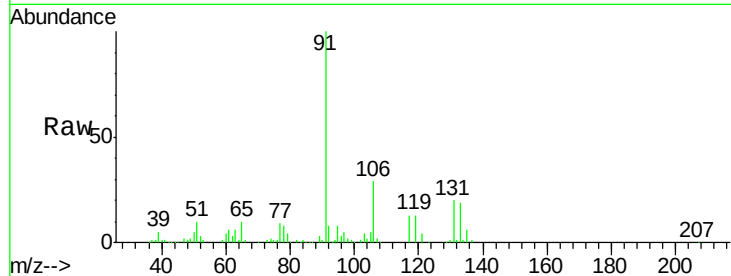
#67
Ethyl Benzene
Concen: 17.986 ug/l
RT: 11.49 min Scan# 3021
Delta R.T. 0.00 min
Lab File: VN062803.D
Acq: 10 Aug 2020 12:44

Instrument :
MSVOA_N
ClientSampled :
VN0810WBS01

Tot Ion: 91 Resp: 172385
Ion Ratio Lower Upper
91 100
106 28.7 23.2 34.8

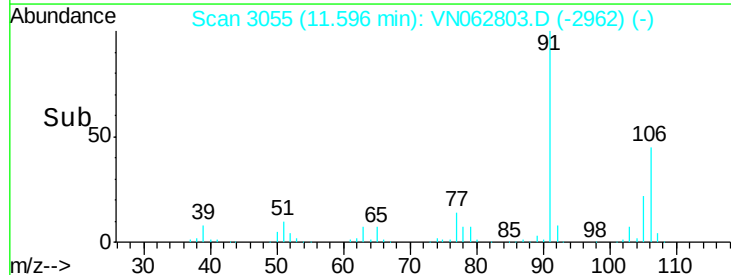
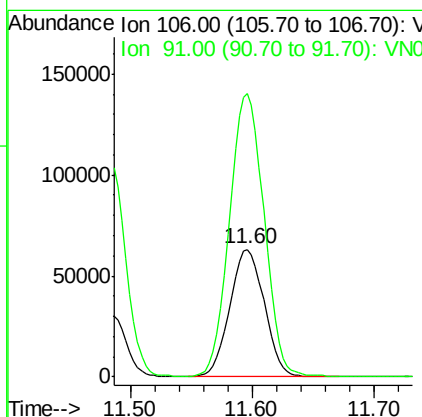
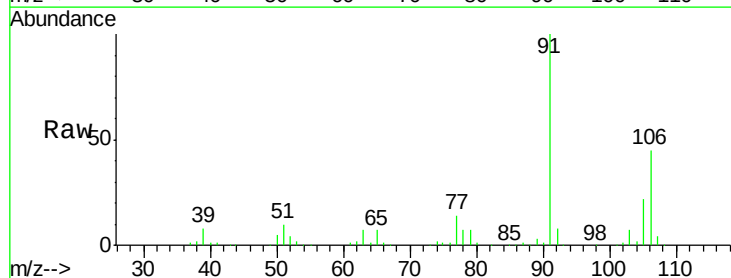
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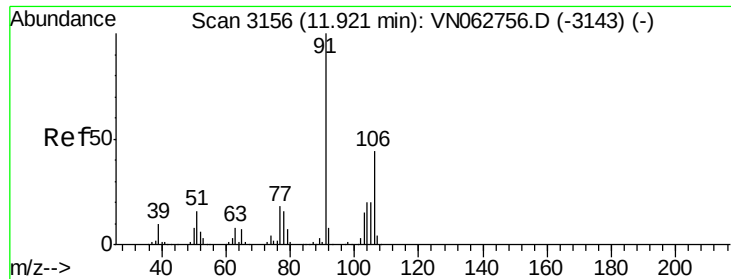
sam
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#68
m/p-Xylenes
Concen: 35.782 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN062803.D
Acq: 10 Aug 2020 12:44

Tgt Ion: 106 Resp: 124493
Ion Ratio Lower Upper
106 100
91 221.2 175.9 263.9





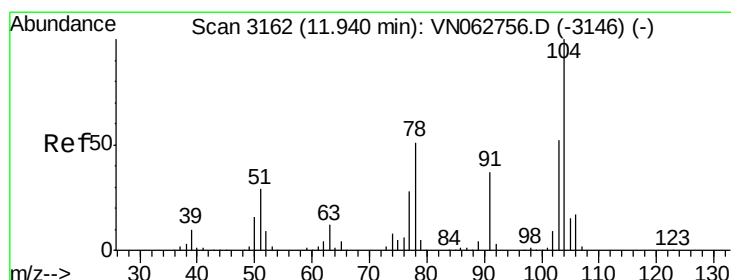
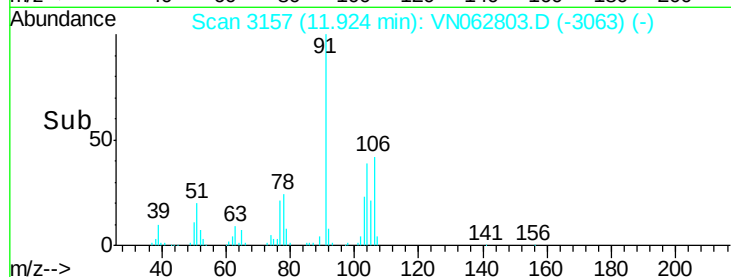
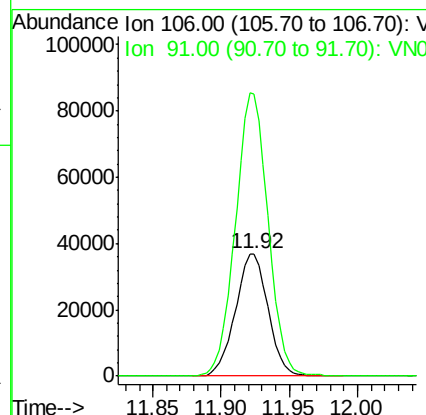
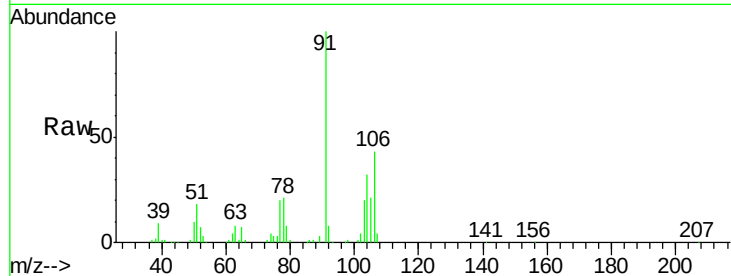
#69
o-Xylene
Concen: 18.819 ug/l
RT: 11.92 min Scan# 3157
Delta R.T. 0.00 min
Lab File: VN062803.D
Acq: 10 Aug 2020 12:44

Instrument :
MSVOA_N
ClientSampled :
VN0810WBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	231.1	115.8	347.4

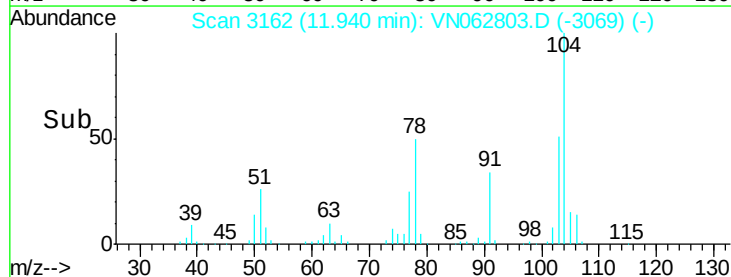
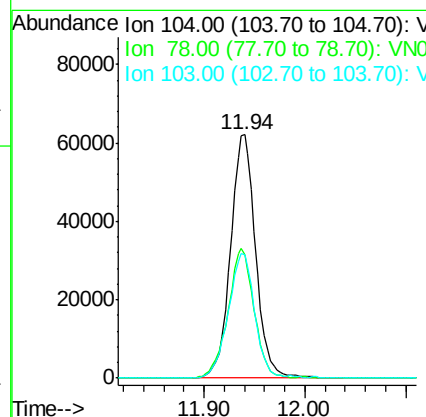
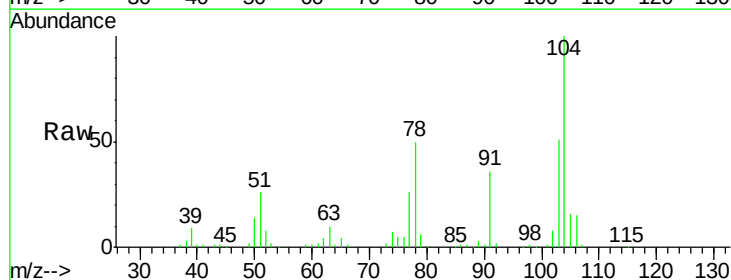
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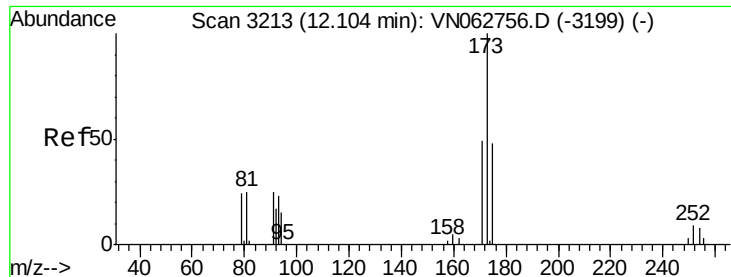
sam
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#70
Styrene
Concen: 18.819 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN062803.D
Acq: 10 Aug 2020 12:44

Tgt Ion	Ratio	Lower	Upper
104	100		
78	55.2	45.9	68.9
103	54.2	45.1	67.7





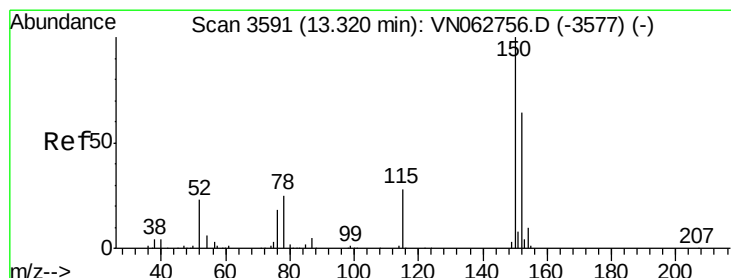
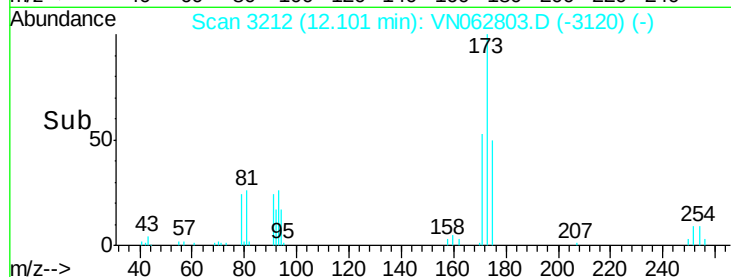
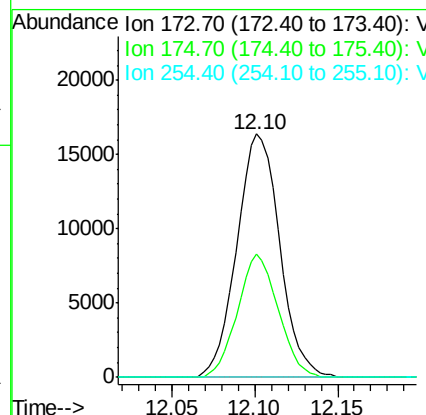
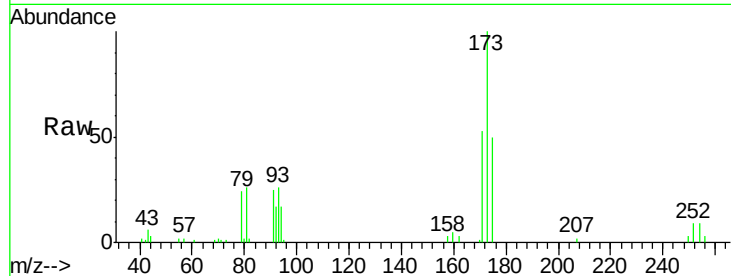
#71
Bromoform
Concen: 16.730 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. -0.00 min
Lab File: VN062803.D
Acq: 10 Aug 2020 12:44

Instrument :
MSVOA_N
ClientSampleId :
VN0810WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.8	24.0	72.0
254	0.0	0.0	0.0

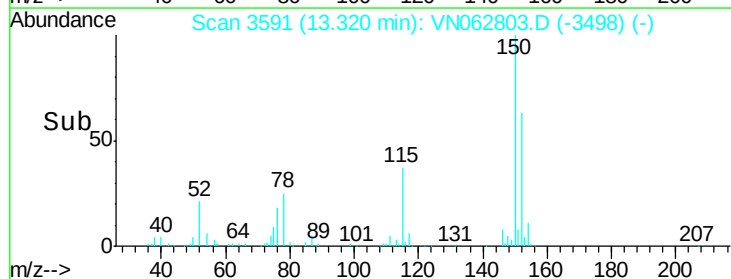
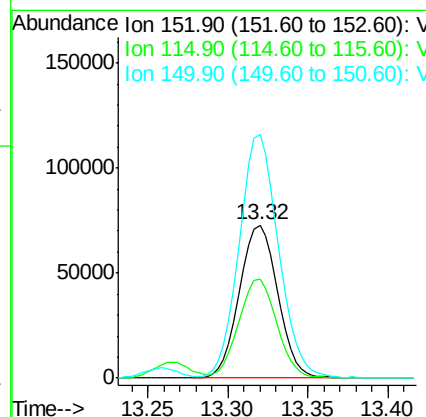
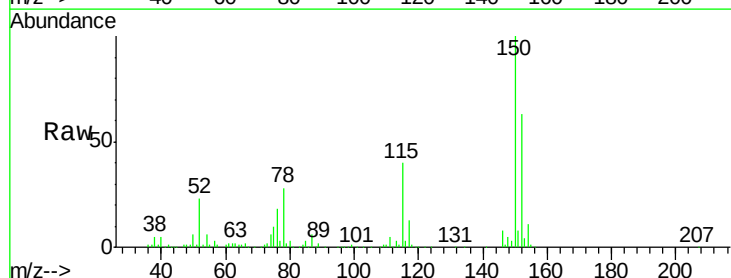
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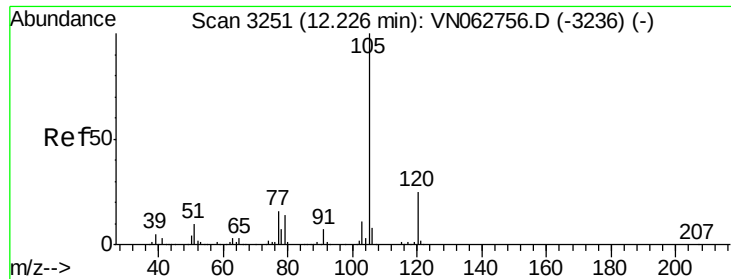
sam
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN062803.D
Acq: 10 Aug 2020 12:44

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.6	31.6	94.8
150	162.9	0.0	349.2





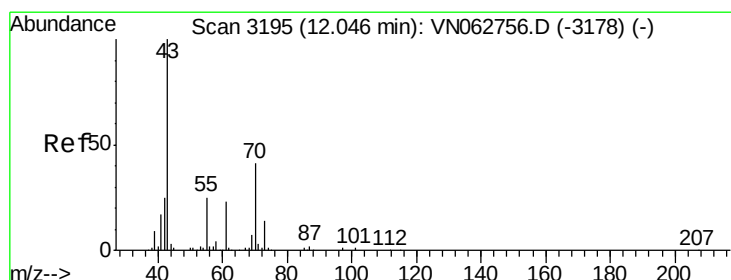
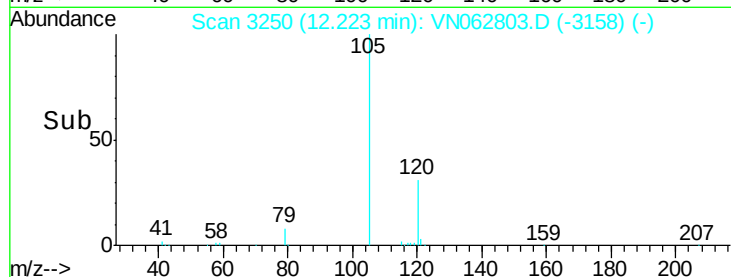
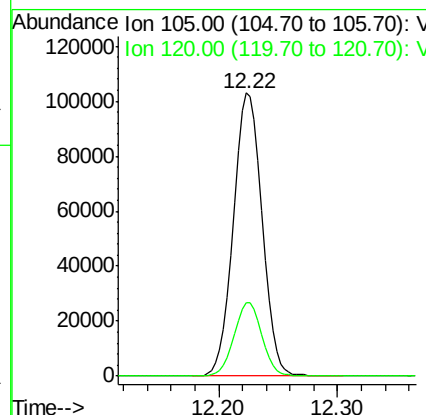
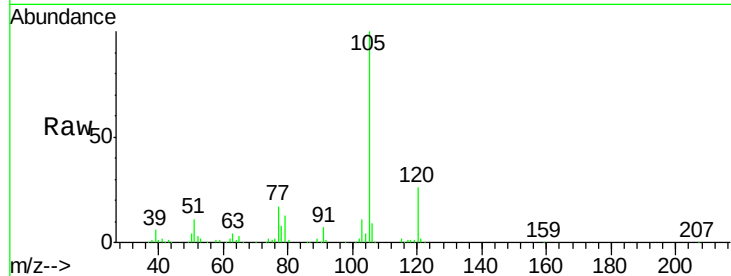
#73
Isopropylbenzene
Concen: 19.151 ug/l
RT: 12.22 min Scan# 3250
Delta R.T. -0.00 min
Lab File: VN062803.D
Acq: 10 Aug 2020 12:44

Instrument :
MSVOA_N
ClientSampleId :
VN0810WBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	25.3	12.6	37.8

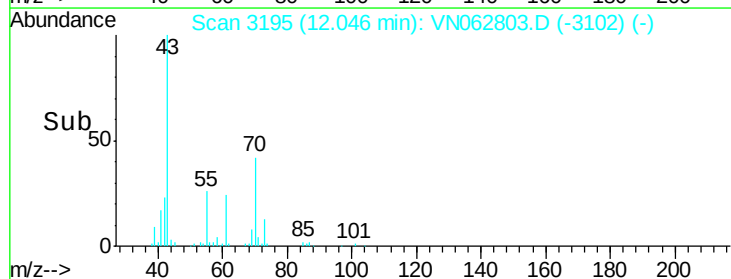
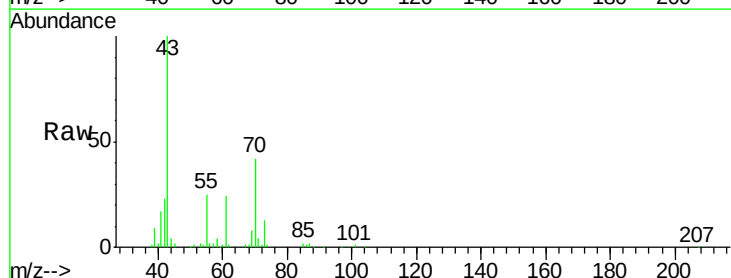
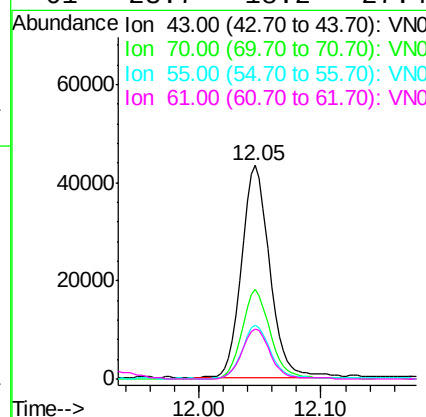
Manual Integrations
APPROVED

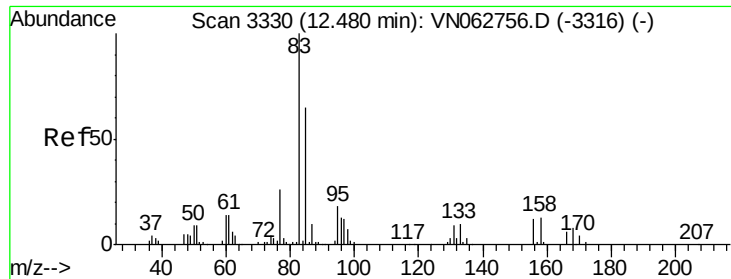
sam
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#74
N-ethyl acetate
Concen: 19.052 ug/l
RT: 12.05 min Scan# 3195
Delta R.T. 0.00 min
Lab File: VN062803.D
Acq: 10 Aug 2020 12:44

Tgt Ion	Ratio	Lower	Upper
43	100		
70	42.6	32.3	48.5
55	26.4	20.2	30.2
61	23.7	18.2	27.4





#75

1,1,2,2-Tetrachloroethane

Concen: 18.542 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN062803.D

Acq: 10 Aug 2020 12:44

Instrument :

MSVOA_N

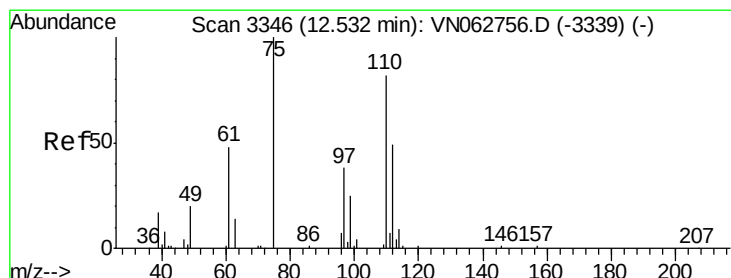
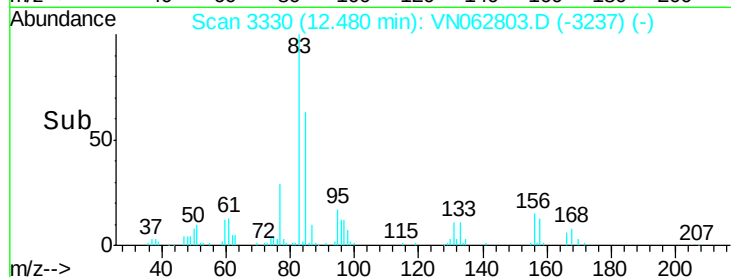
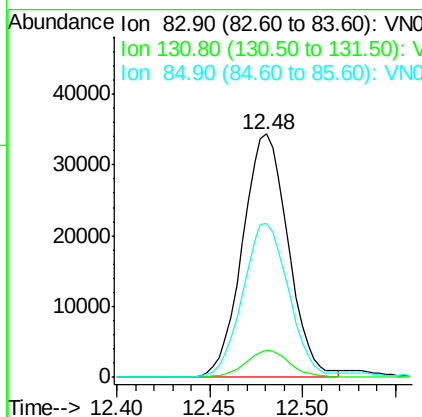
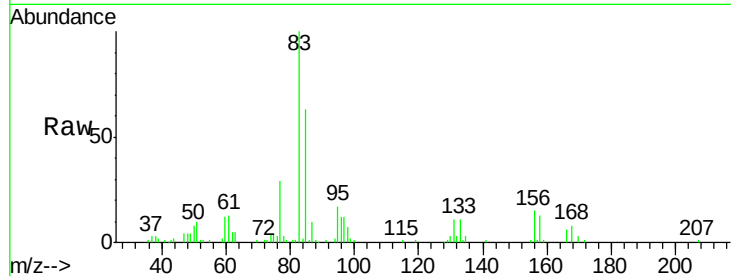
ClientSampleId :

VN0810WBS01

Tot Ion:	83	Resp:	58787
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.1	15.4
85	63.6	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 16.278 ug/l m

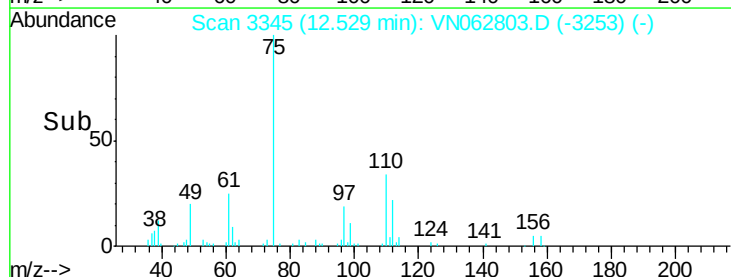
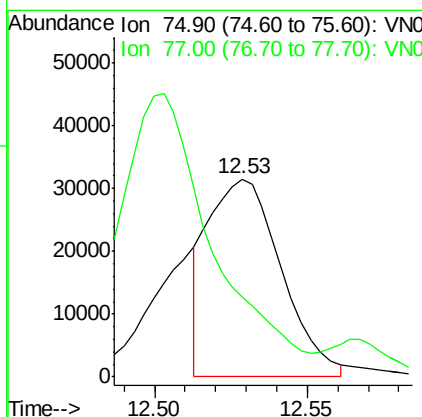
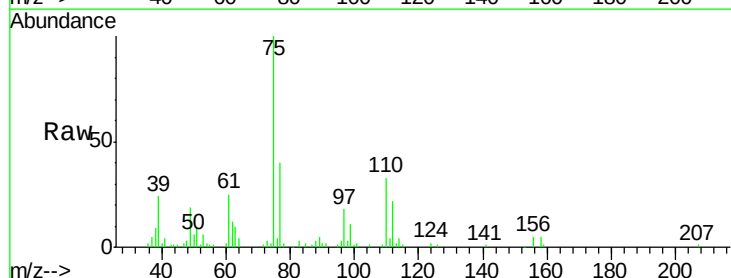
RT: 12.53 min Scan# 3345

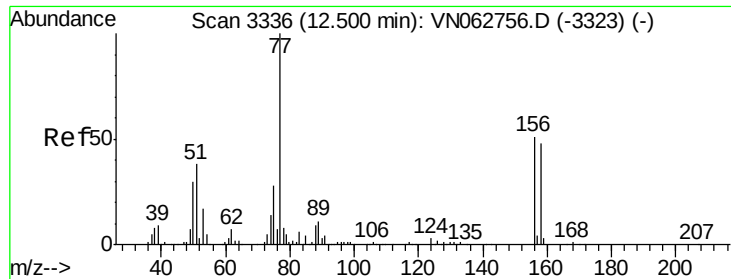
Delta R.T. -0.00 min

Lab File: VN062803.D

Acq: 10 Aug 2020 12:44

Tgt Ion:	75	Resp:	52507
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 17.995 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN062803.D

Acq: 10 Aug 2020 12:44

Instrument :

MSVOA_N

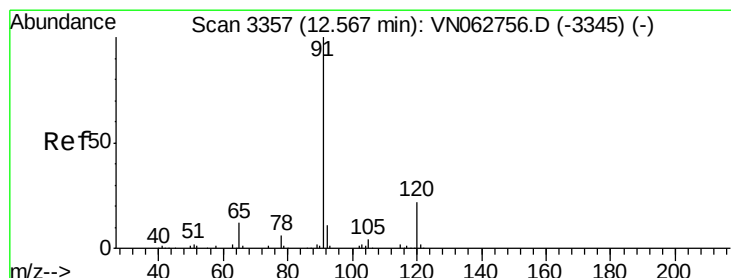
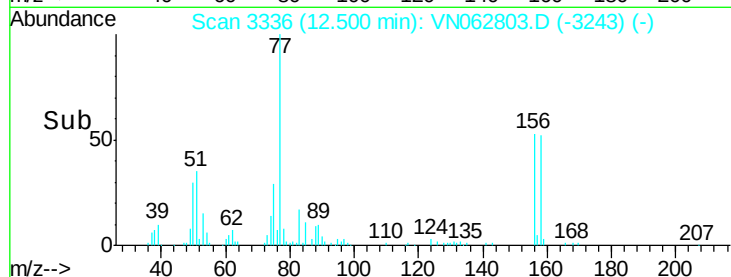
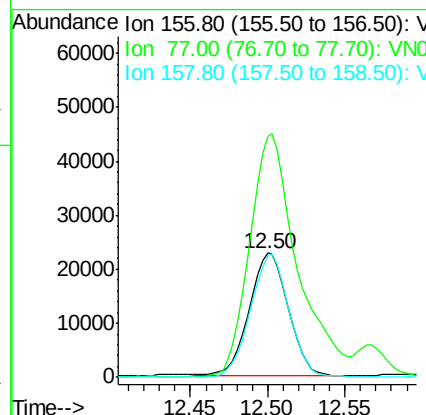
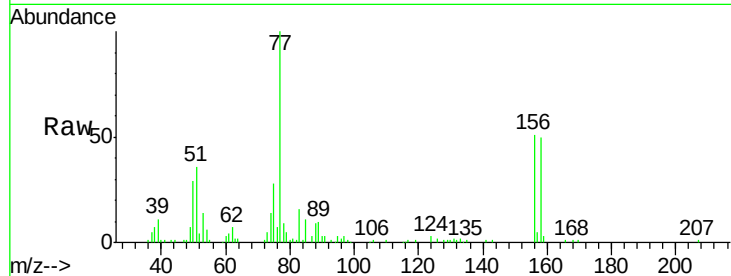
ClientSampled :

VN0810WBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	240.0	119.7	359.1
158	98.6	48.1	144.3

Manual Integrations
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#78

n-propylbenzene

Concen: 18.654 ug/l

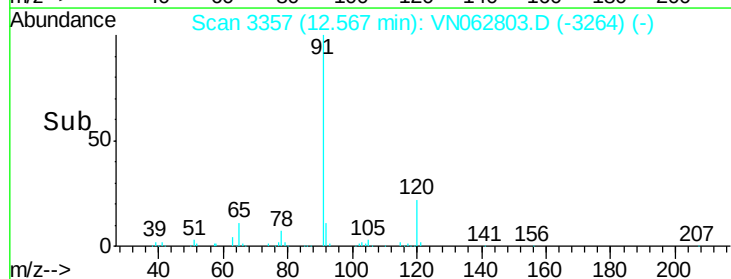
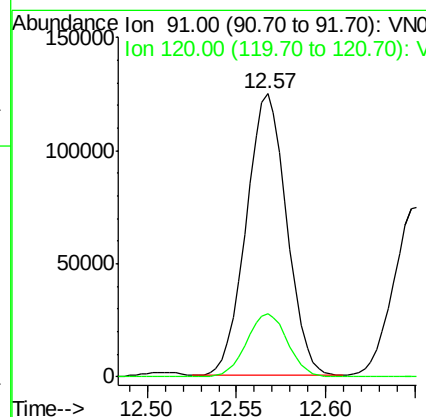
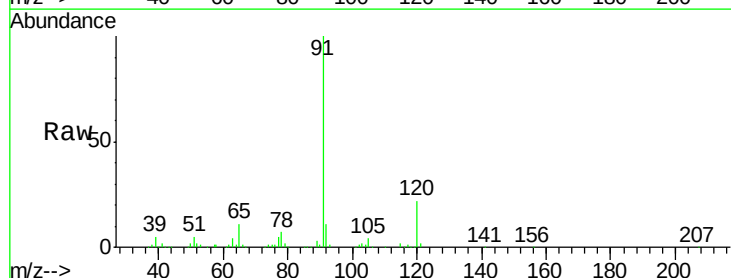
RT: 12.57 min Scan# 3357

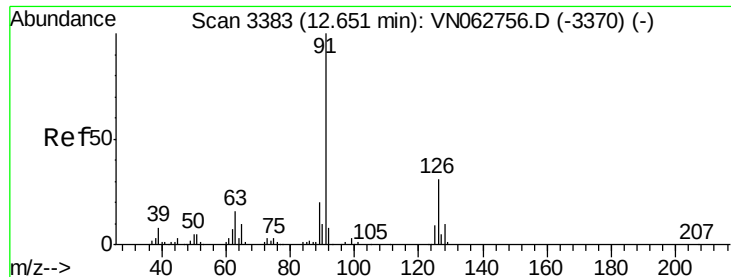
Delta R.T. 0.00 min

Lab File: VN062803.D

Acq: 10 Aug 2020 12:44

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.9	10.9	32.9





#79

2-Chlorotoluene

Concen: 18.533 ug/l

RT: 12.65 min Scan# 3383

Delta R.T. 0.00 min

Lab File: VN062803.D

Acq: 10 Aug 2020 12:44

Instrument :

MSVOA_N

ClientSampled :

VN0810WBS01

Tot Ion: 91 Resp: 122868

Ion Ratio Lower Upper

91 100

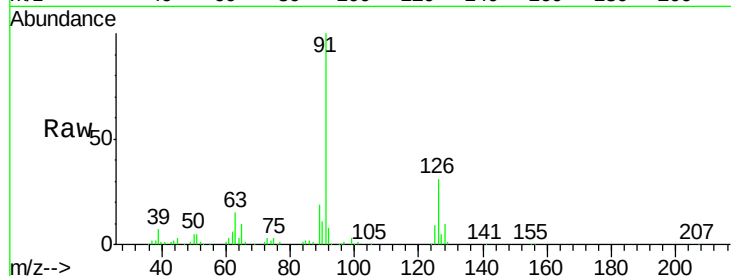
126 32.0 15.6 46.7

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VN062756.D (-3370) (-)

Ion 125.90 (125.60 to 126.60): VN062756.D (-3370) (-)

100000

80000

60000

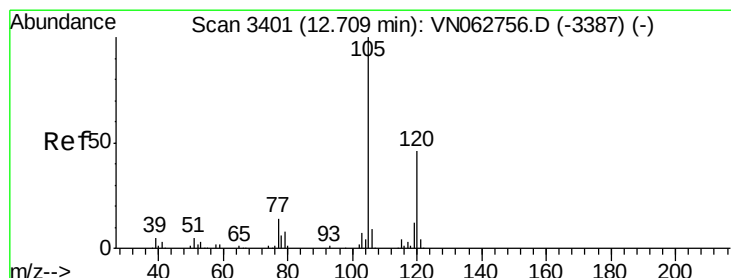
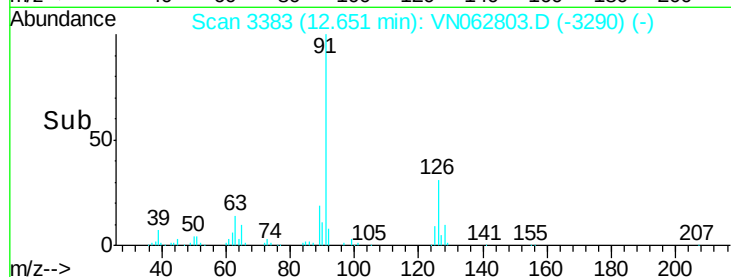
40000

20000

0

12.60 12.65 12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 19.324 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. 0.00 min

Lab File: VN062803.D

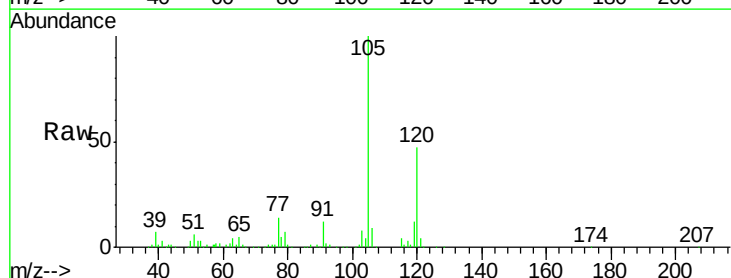
Acq: 10 Aug 2020 12:44

Tgt Ion: 105 Resp: 150985

Ion Ratio Lower Upper

105 100

120 46.6 22.9 68.5



Abundance Ion 105.00 (104.70 to 105.70): VN062756.D (-3387) (-)

Ion 120.00 (119.70 to 120.70): VN062756.D (-3387) (-)

100000

80000

60000

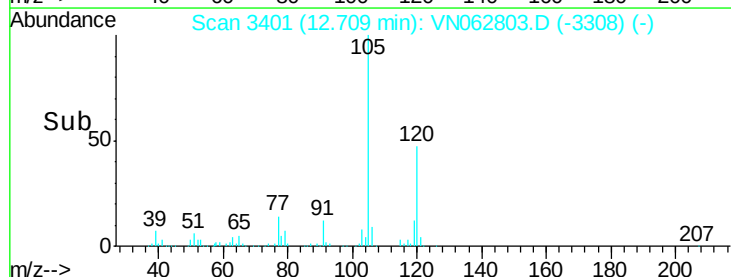
40000

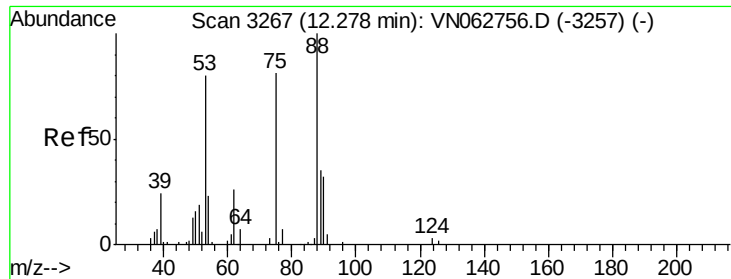
20000

0

12.65 12.70 12.75 12.80

Time-->





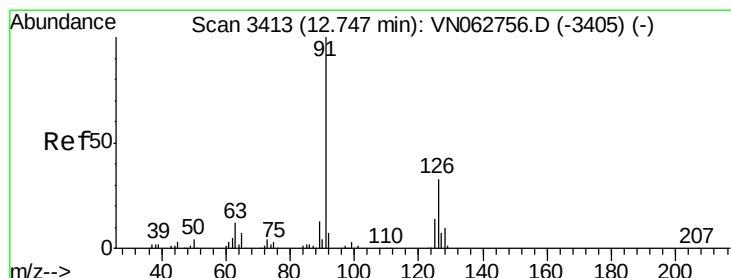
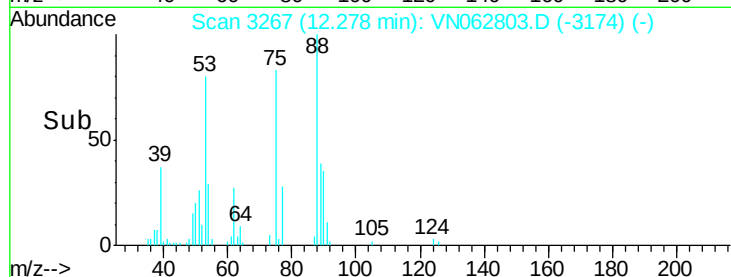
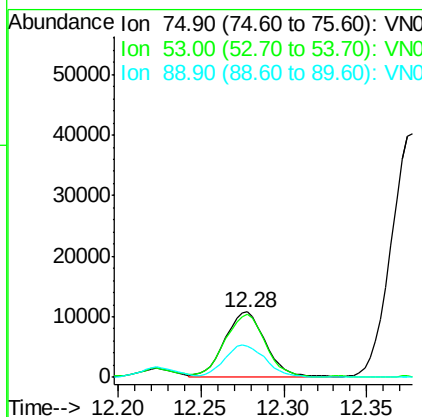
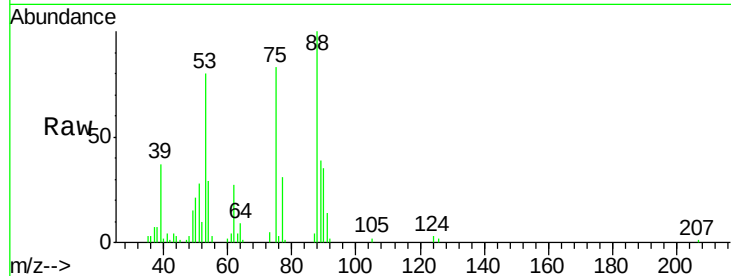
#81
trans-1,4-Dichloro-2-butene
Concen: 17.695 ug/l
RT: 12.28 min Scan# 3267
Delta R.T. 0.00 min
Lab File: VN062803.D
Acq: 10 Aug 2020 12:44

Instrument :
MSVOA_N
ClientSampleId :
VN0810WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	95.1	79.1	118.7
89	48.9	36.2	54.2

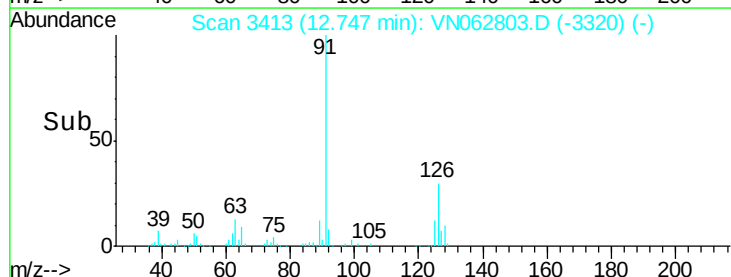
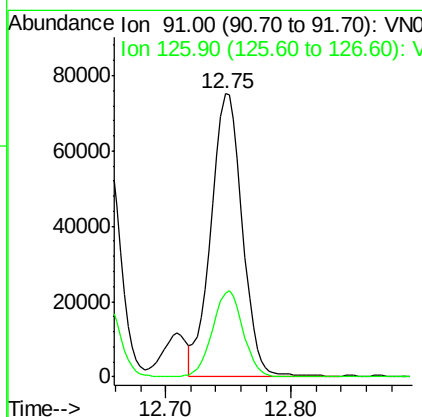
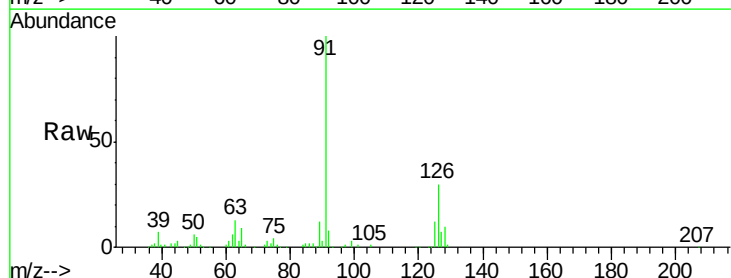
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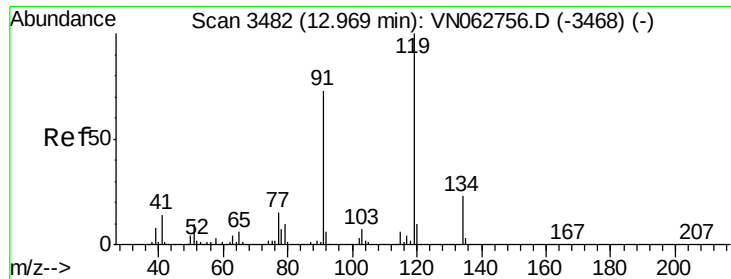
sam
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#82
4-Chlorotoluene
Concen: 18.883 ug/l
RT: 12.75 min Scan# 3413
Delta R.T. 0.00 min
Lab File: VN062803.D
Acq: 10 Aug 2020 12:44

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.5	15.3	45.9





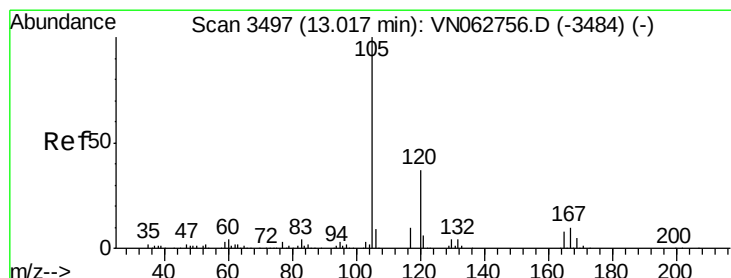
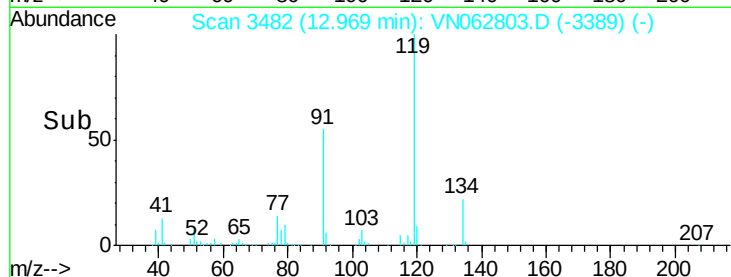
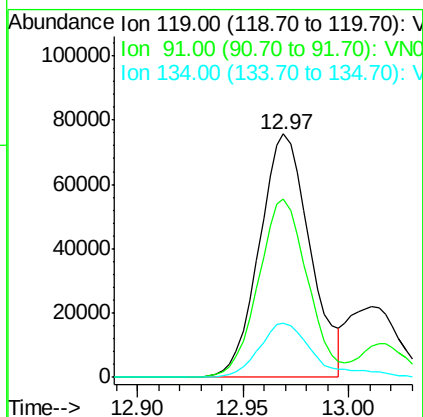
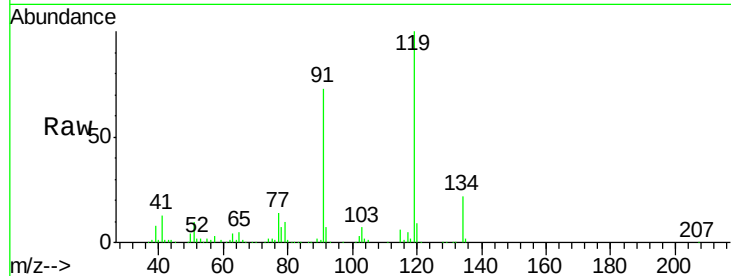
#83
 tert-Butylbenzene
 Concen: 19.130 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. 0.00 min
 Lab File: VN062803.D
 Acq: 10 Aug 2020 12:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0810WBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	71.3	36.5	109.5
134	24.3	11.3	33.8

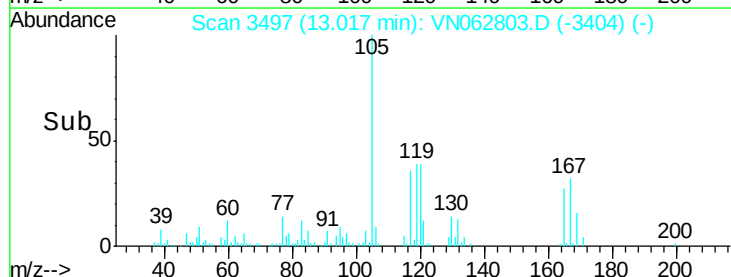
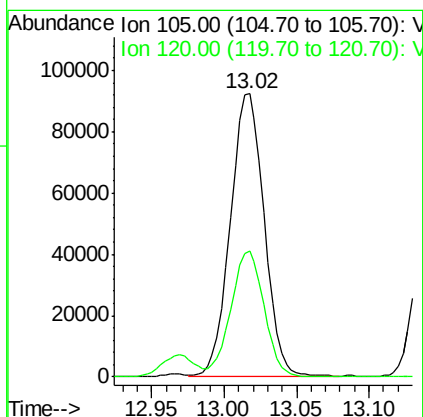
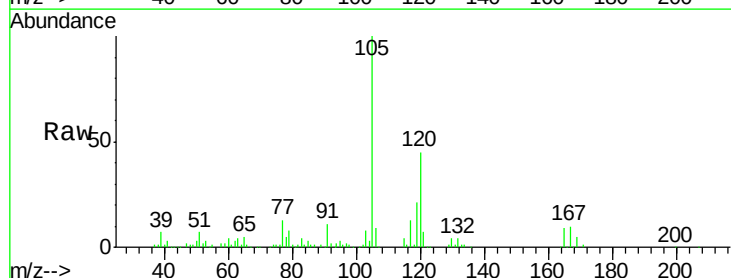
Manual Integrations
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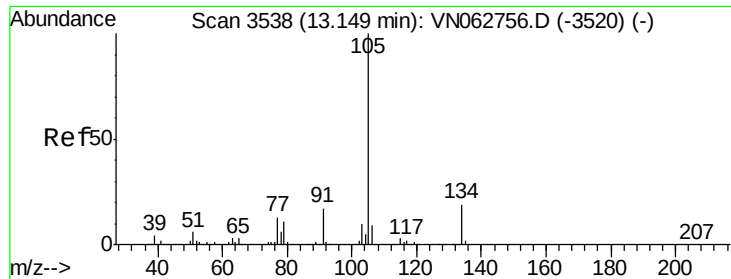
sam
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.850 ug/l
 RT: 13.02 min Scan# 3497
 Delta R.T. 0.00 min
 Lab File: VN062803.D
 Acq: 10 Aug 2020 12:44

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.2	21.4	64.2





#85

sec-Butylbenzene

Concen: 19.054 ug/l

RT: 13.15 min Scan# 3538

Delta R.T. 0.00 min

Lab File: VN062803.D

Acq: 10 Aug 2020 12:44

Instrument :

MSVOA_N

ClientSampleId :

VN0810WBS01

Tot Ion:105 Resp: 165431

Ion Ratio Lower Upper

105 100

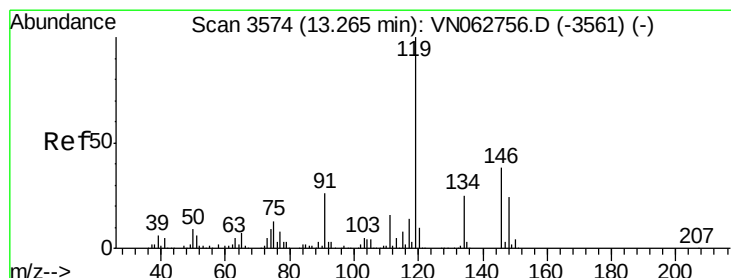
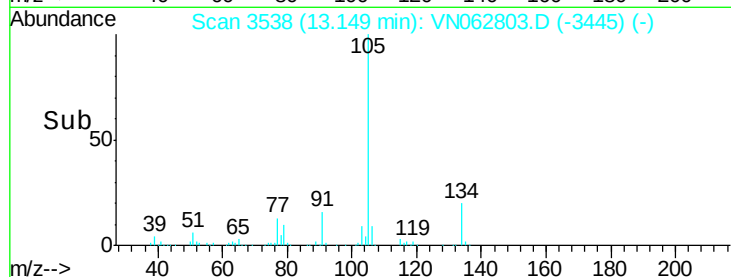
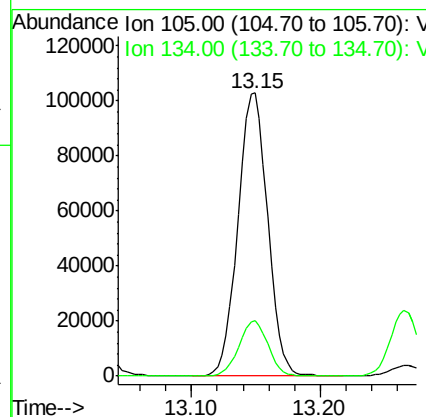
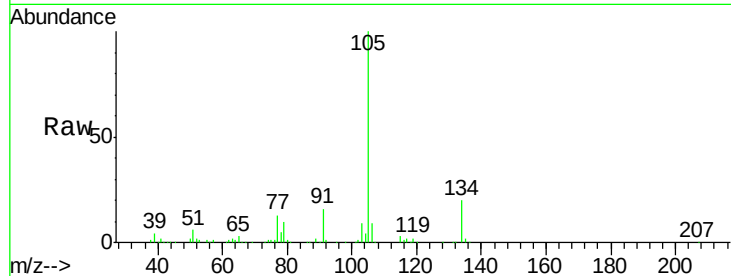
134 19.0 9.6 28.6

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#86

p-Isopropyltoluene

Concen: 19.462 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. 0.00 min

Lab File: VN062803.D

Acq: 10 Aug 2020 12:44

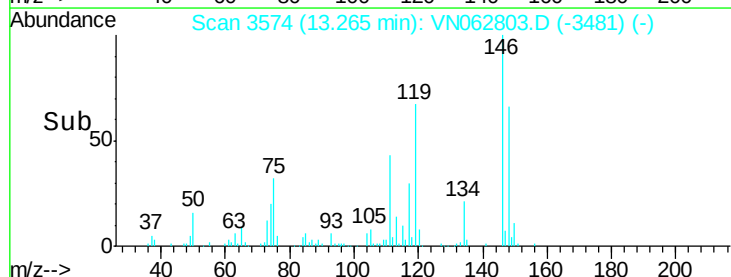
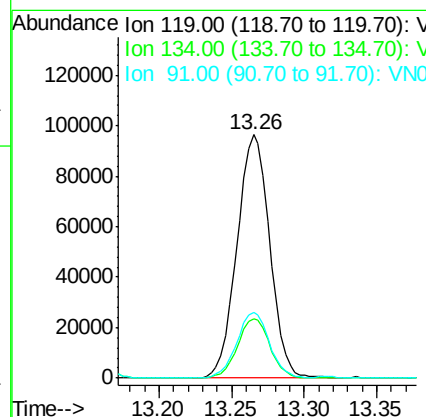
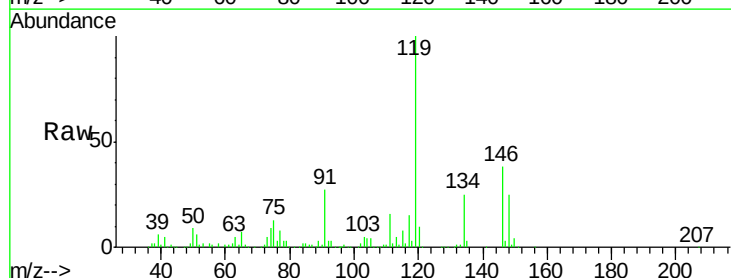
Tgt Ion:119 Resp: 149984

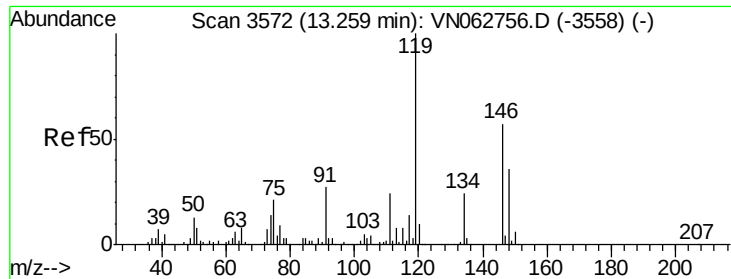
Ion Ratio Lower Upper

119 100

134 24.2 12.6 37.8

91 26.7 13.4 40.2





#87

1,3-Dichlorobenzene

Concen: 18.182 ug/l

RT: 13.26 min Scan# 3572

Delta R.T. 0.00 min

Lab File: VN062803.D

Acq: 10 Aug 2020 12:44

Instrument :

MSVOA_N

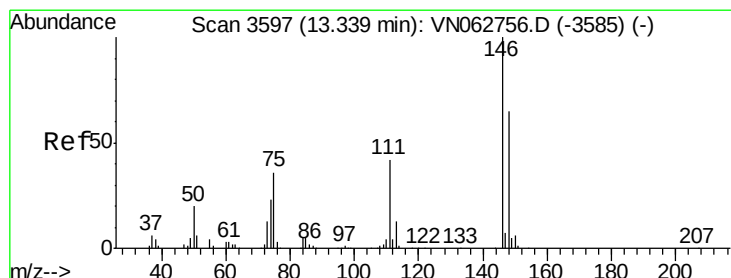
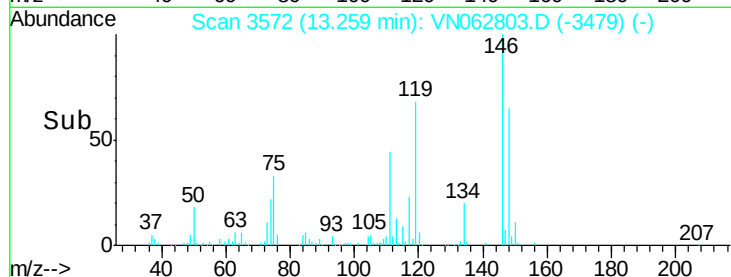
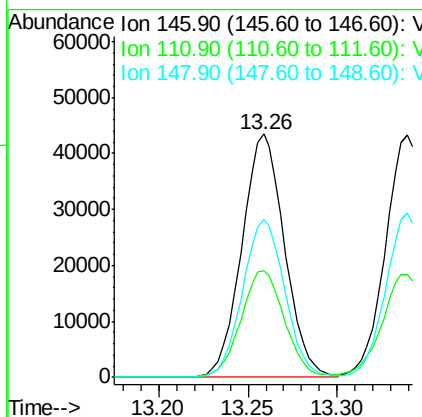
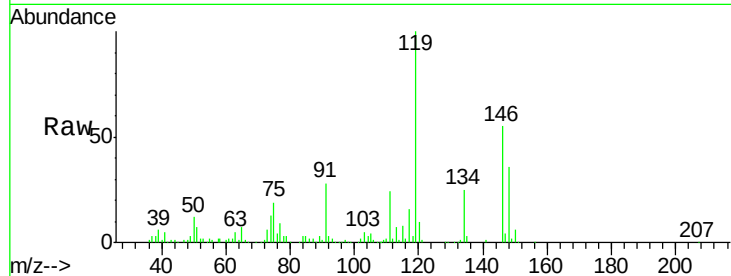
ClientSampleId :

VN0810WBS01

Tot Ion:	146	Resp:	72687
Ion	Ratio	Lower	Upper
146	100		
111	44.9	21.7	65.1
148	64.4	31.4	94.2

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 17.671 ug/l

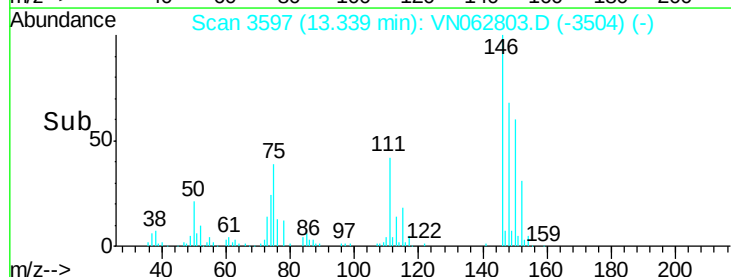
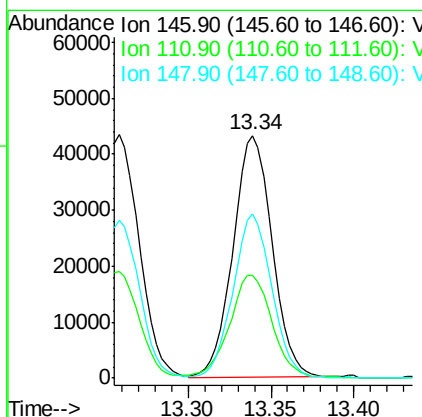
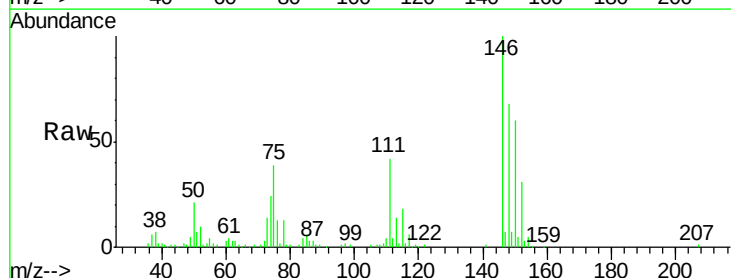
RT: 13.34 min Scan# 3597

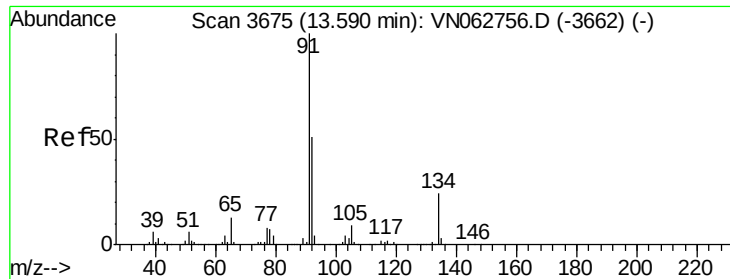
Delta R.T. 0.00 min

Lab File: VN062803.D

Acq: 10 Aug 2020 12:44

Tgt Ion:	146	Resp:	70854
Ion	Ratio	Lower	Upper
146	100		
111	46.7	21.6	64.6
148	67.7	32.6	97.8





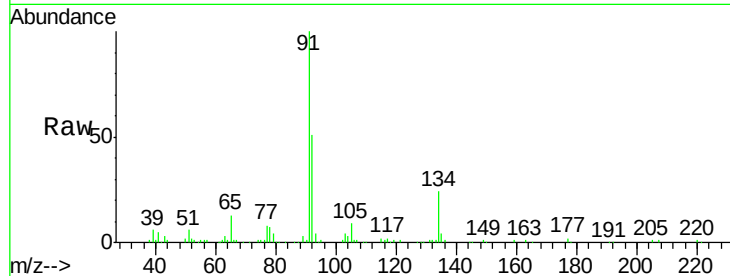
#89
n-Butylbenzene
Concen: 19.340 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. 0.00 min
Lab File: VN062803.D
Acq: 10 Aug 2020 12:44

Instrument :
MSVOA_N
ClientSampleId :
VN0810WBS01

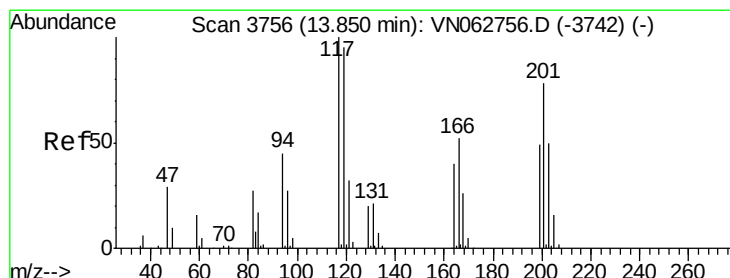
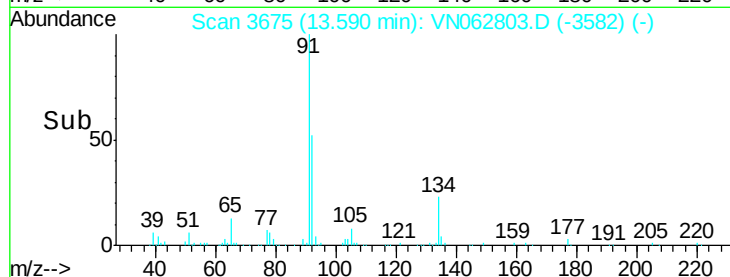
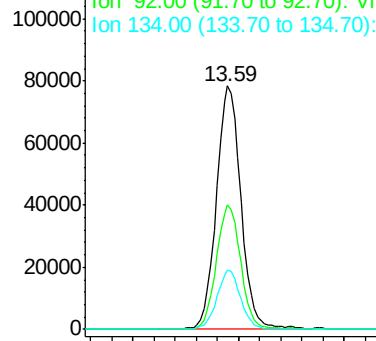
Tot Ion	Ratio	Lower	Upper
91	100		
92	50.7	25.7	77.0
134	23.6	12.2	36.6

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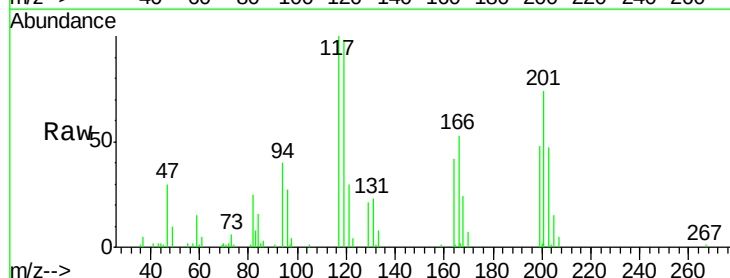


Abundance Ion 91.00 (90.70 to 91.70): VN062756.D (-3662) (-)
Ion 92.00 (91.70 to 92.70): VN062756.D (-3662) (-)
Ion 134.00 (133.70 to 134.70): VN062756.D (-3662) (-)

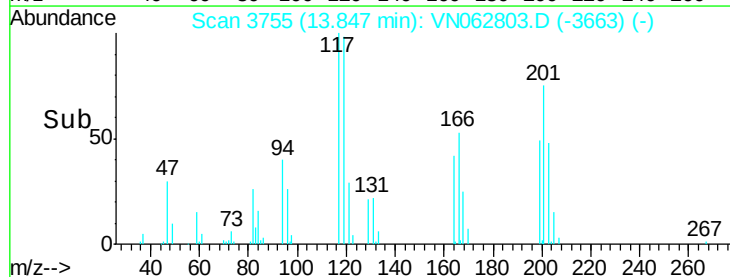
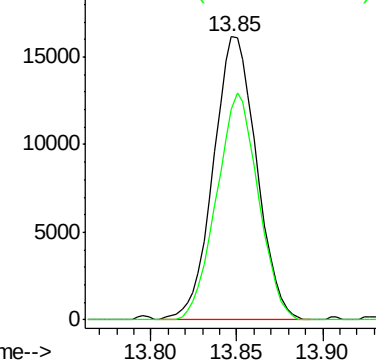


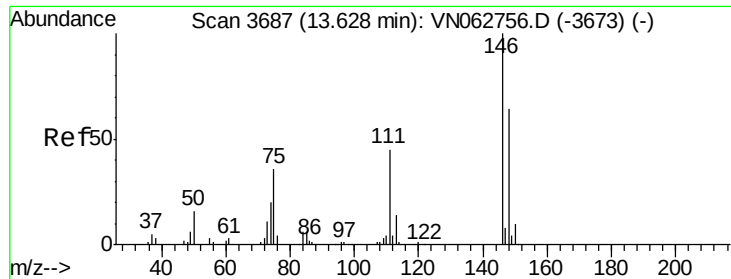
#90
Hexachloroethane
Concen: 16.951 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN062803.D
Acq: 10 Aug 2020 12:44

Tgt Ion	Ratio	Lower	Upper
117	100		
201	77.2	39.2	117.6



Abundance Ion 116.80 (116.50 to 117.50): VN062756.D (-3742) (-)
Ion 200.70 (200.40 to 201.40): VN062756.D (-3742) (-)





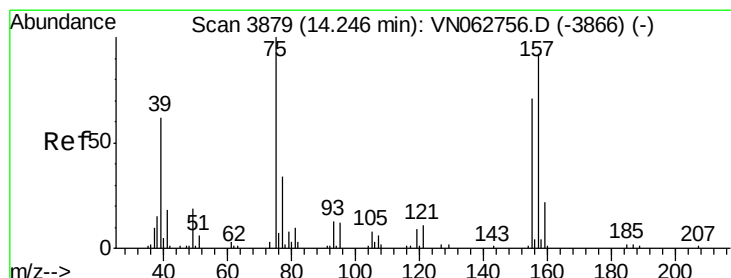
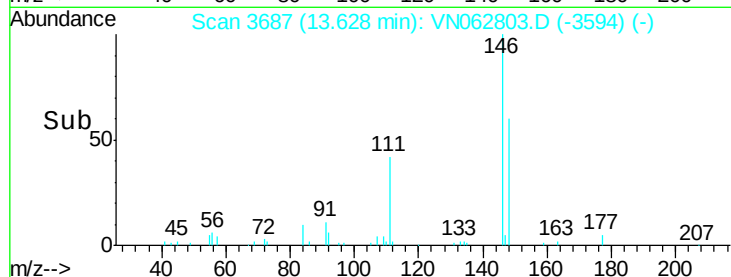
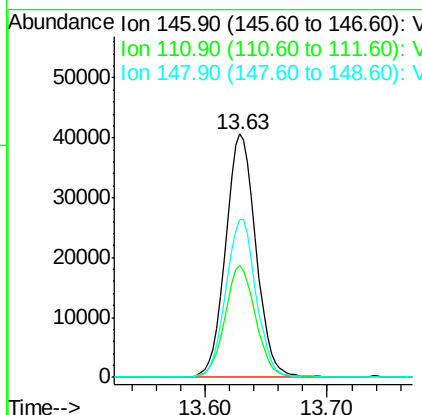
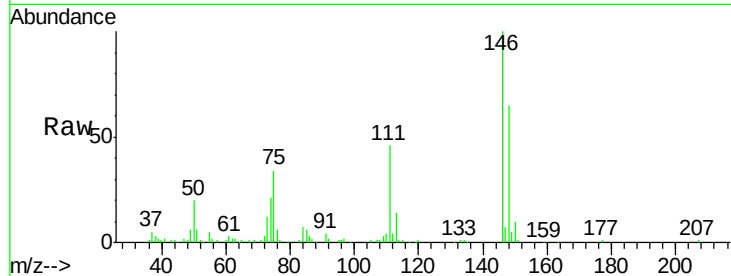
#91
 1,2-Dichlorobenzene
 Concen: 18.863 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN062803.D
 Acq: 10 Aug 2020 12:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0810WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	46.1	22.8	68.4
148	64.4	31.9	95.5

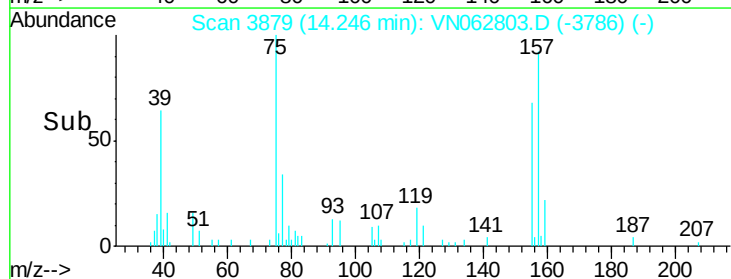
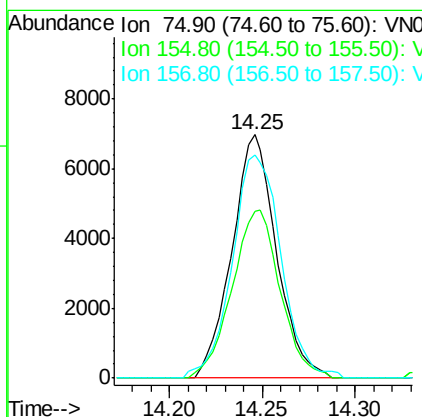
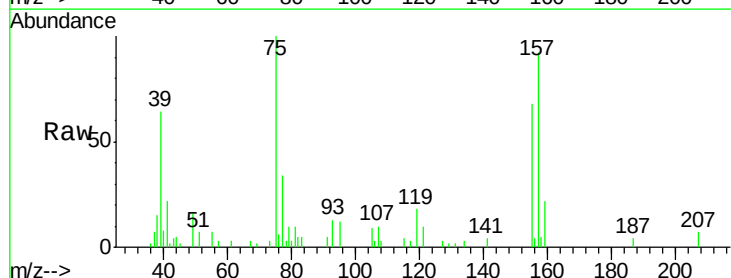
Manual Integrations
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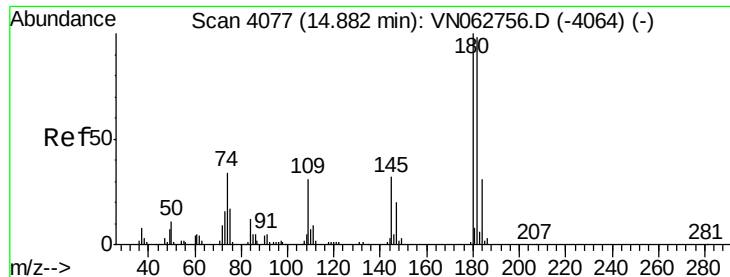
sam
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.090 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. 0.00 min
 Lab File: VN062803.D
 Acq: 10 Aug 2020 12:44

Tgt Ion	Ratio	Lower	Upper
75	100		
155	74.3	35.0	105.1
157	100.3	43.2	129.6





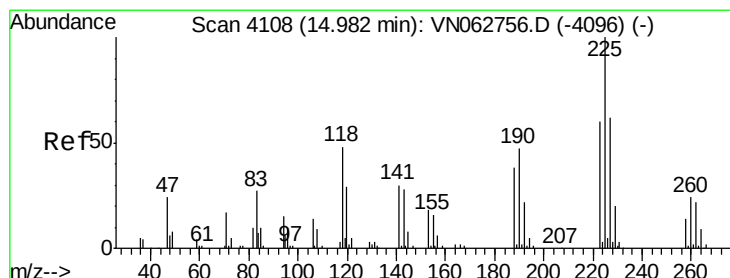
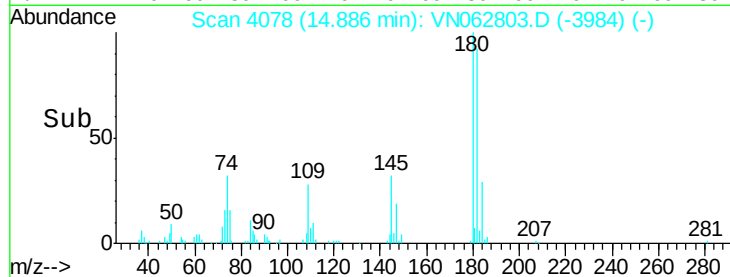
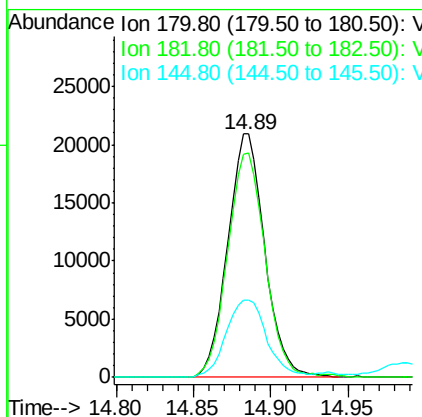
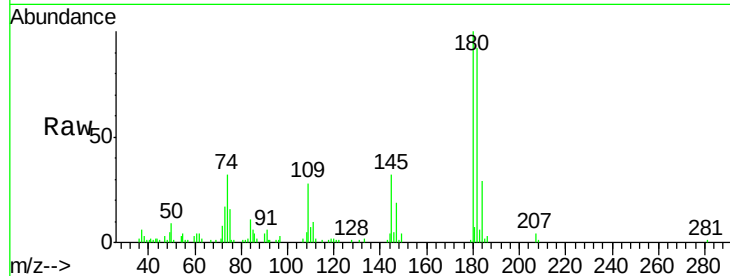
#93
 1,2,4-Trichlorobenzene
 Concen: 19.382 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN062803.D
 Acq: 10 Aug 2020 12:44

Instrument :
 MSVOA_N
 ClientSampled :
 VN0810WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	93.7	49.1	147.4	
145	35.1	16.3	48.8	

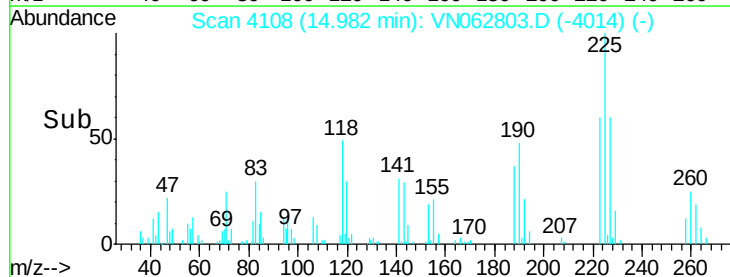
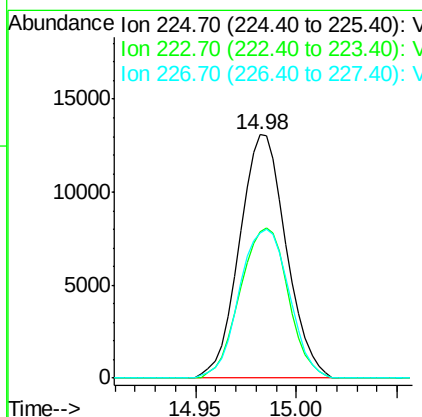
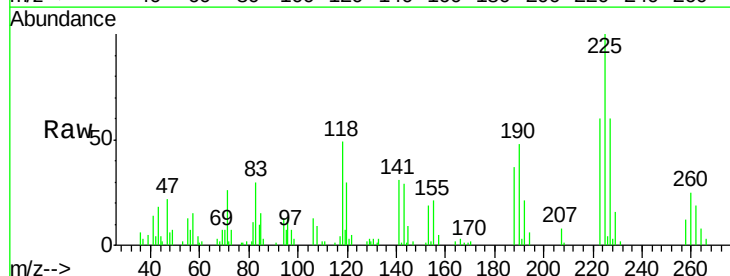
Manual Integrations
 APPROVED

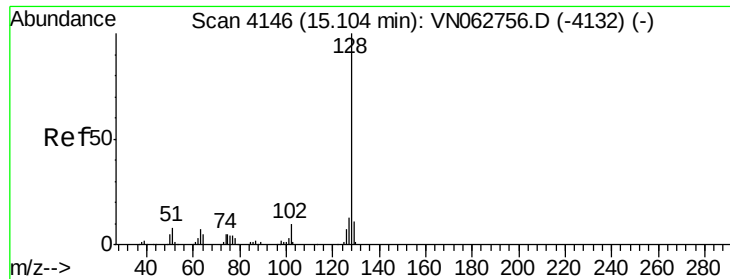
sam
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#94
 Hexachlorobutadiene
 Concen: 16.995 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. 0.00 min
 Lab File: VN062803.D
 Acq: 10 Aug 2020 12:44

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.5	30.6	92.0	
227	65.0	31.6	95.0	





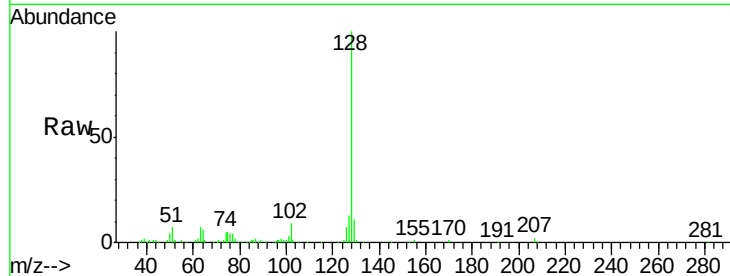
#95
Naphthalene
Concen: 20.796 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN062803.D
Acq: 10 Aug 2020 12:44

Instrument :
MSVOA_N
ClientSampleId :
VN0810WBS01

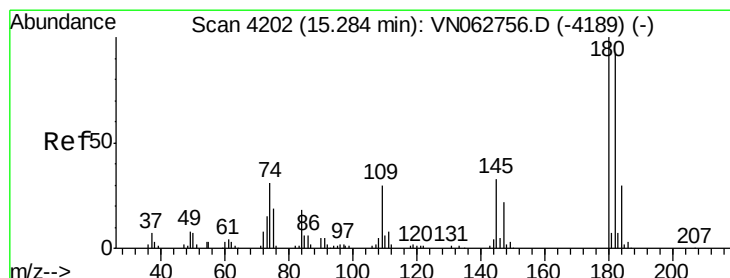
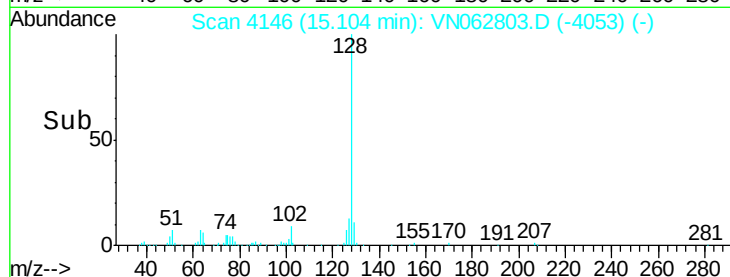
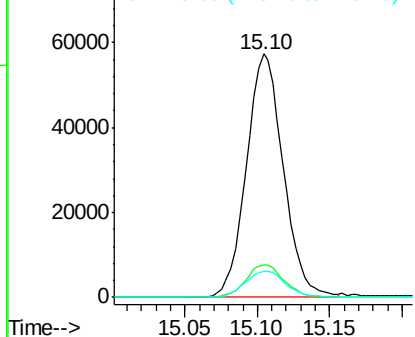
Tot Ion:	128	Resp:	101480
Ion Ratio	Lower	Upper	
128	100		
127	13.9	10.8	16.2
129	11.8	8.8	13.2

Manual Integrations
APPROVED

sam
8/11/2020 3:24:49 PM

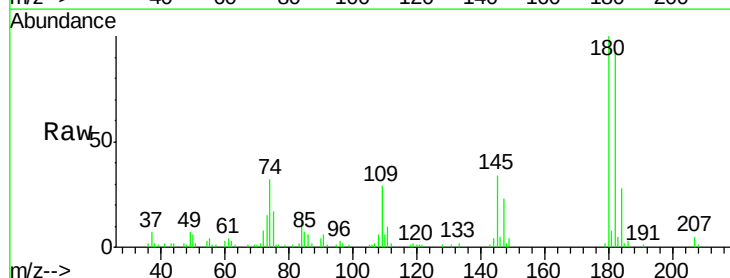


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 20.003 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. 0.00 min
Lab File: VN062803.D
Acq: 10 Aug 2020 12:44

Tgt Ion:	180	Resp:	36232
Ion Ratio	Lower	Upper	
180	100		
182	93.7	47.9	143.6
145	35.3	17.3	51.7



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

