

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062620\
 Data File : VN062132.D
 Acq On : 26 Jun 2020 12:12
 Operator : JC/MD
 Sample : VN0626MBS01
 Misc : 5.00µg/10µL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0626MBS01

Manual Integrations
 APPROVED

MMDadoda
 6/29/2020 12:35:31 PM

Quant Time: Jun 27 04:11:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	236147	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	411960	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	375206	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	170084	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	154661	46.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.34%	
35) Dibromofluoromethane	7.55	113	129566	49.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.04%	
50) Toluene-d8	10.06	98	494118	46.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.54%	
62) 4-Bromofluorobenzene	12.37	95	165943	46.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	49517	18.551	ug/l	99
3) Chloromethane	2.03	50	60102	18.277	ug/l	100
4) Vinyl Chloride	2.16	62	73213	17.417	ug/l	100
5) Bromomethane	2.53	94	51999	19.140	ug/l	93
6) Chloroethane	2.67	64	51439	17.914	ug/l	99
7) Trichlorofluoromethane	2.98	101	94591	18.262	ug/l	100
8) Diethyl Ether	3.37	74	34859	19.274	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.72	101	51210	18.880	ug/l	99
10) Methyl Iodide	3.91	142	59742	19.557	ug/l	99
11) Tert butyl alcohol	4.73	59	44969	94.511	ug/l	99
12) 1,1-Dichloroethene	3.69	96	50133	18.489	ug/l	95
13) Acrolein	3.56	56	32404	69.560	ug/l	99
14) Allyl chloride	4.27	41	67436	18.267	ug/l	97
15) Acrylonitrile	4.93	53	122578	94.538	ug/l	99
16) Acetone	3.77	43	97703	91.357	ug/l	97
17) Carbon Disulfide	4.01	76	136921	17.662	ug/l	99
18) Methyl Acetate	4.28	43	50193	19.053	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	174663	20.158	ug/l	100
20) Methylene Chloride	4.50	84	61832	20.196	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	55294	17.900	ug/l	97
22) Diisopropyl ether	5.90	45	155073	18.449	ug/l	95
23) Vinyl Acetate	5.84	43	643109	93.710	ug/l	99
24) 1,1-Dichloroethane	5.79	63	98038	18.112	ug/l	100
25) 2-Butanone	6.78	43	148538	91.701	ug/l	99
26) 2,2-Dichloropropane	6.77	77	84148	18.656	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	65215	18.762	ug/l	96
28) Bromochloromethane	7.15	49	40820	17.381	ug/l	93
29) Tetrahydrofuran	7.17	42	101305	95.476	ug/l	98
30) Chloroform	7.33	83	101509	18.432	ug/l	98
31) Cyclohexane	7.61	56	81179	17.730	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	88036	18.956	ug/l	98
36) 1,1-Dichloropropene	7.75	75	74735	18.048	ug/l	99
37) Ethyl Acetate	6.88	43	64080	18.689	ug/l	99
38) Carbon Tetrachloride	7.73	117	74729	19.142	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	83012	18.297	ug/l	97
40) Benzene	8.00	78	231253	18.323	ug/l	98
41) Methacrylonitrile	7.12	41	24403	15.351	ug/l #	86
42) 1,2-Dichloroethane	8.09	62	80548	18.889	ug/l	99
43) Isopropyl Acetate	8.12	43	107094	19.160	ug/l	100
44) Trichloroethene	8.80	130	60723	19.073	ug/l	93
45) 1,2-Dichloropropane	9.08	63	58345	18.738	ug/l	98
46) Dibromomethane	9.18	93	40989	19.416	ug/l	97
47) Bromodichloromethane	9.37	83	82105	19.262	ug/l	98
48) Methyl methacrylate	9.17	41	45361	18.100	ug/l	96
49) 1,4-Dioxane	9.17	88	20955	377.039	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	318899	97.650	ug/l	99
52) Toluene	10.12	92	146355	19.005	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	88498	18.871	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	96558	19.340	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	60710	20.056	ug/l	98
56) Ethyl methacrylate	10.40	69	78790	19.504	ug/l	98
57) 1,3-Dichloropropane	10.68	76	101861	19.550	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	133963	88.973	ug/l	96
59) 2-Hexanone	10.72	43	222455	94.334	ug/l	98
60) Dibromochloromethane	10.87	129	63203	19.721	ug/l	98
61) 1,2-Dibromoethane	10.98	107	60803	19.548	ug/l	98
64) Tetrachloroethene	10.60	164	49864	19.455	ug/l	98
65) Chlorobenzene	11.40	112	159615	19.372	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	57337	20.124	ug/l	98
67) Ethyl Benzene	11.48	91	269478	19.365	ug/l	99
68) m/p-Xylenes	11.60	106	209642	38.950	ug/l	99
69) o-Xylene	11.92	106	100170	19.725	ug/l	99
70) Styrene	11.94	104	161712	19.094	ug/l	99
71) Bromoform	12.10	173	40902	20.191	ug/l #	95
73) Isopropylbenzene	12.22	105	263318	20.000	ug/l	100
74) N-amyl acetate	12.05	43	81628	19.059	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	84078	19.190	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	75438m	18.841	ug/l	
77) Bromobenzene	12.50	156	65996	20.191	ug/l	94
78) n-propylbenzene	12.56	91	292584	19.428	ug/l	98
79) 2-Chlorotoluene	12.65	91	172458	18.942	ug/l	97
80) 1,3,5-Trimethylbenzene	12.71	105	214492	20.097	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	25054	18.274	ug/l	99
82) 4-Chlorotoluene	12.75	91	179050	19.018	ug/l	98
83) tert-Butylbenzene	12.97	119	184696	20.221	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	215333	20.201	ug/l	99
85) sec-Butylbenzene	13.15	105	236398	19.587	ug/l	98
86) p-Isopropyltoluene	13.26	119	213468	20.188	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	111545	19.434	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	111470	18.840	ug/l	99
89) n-Butylbenzene	13.59	91	167094	19.007	ug/l	99
90) Hexachloroethane	13.85	117	38437	18.527	ug/l	94
91) 1,2-Dichlorobenzene	13.63	146	112802	20.267	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.25	75	13091	18.652	ug/l	87

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	48749	20.049	ug/l	99
94) Hexachlorobutadiene	14.98	225	22108	20.934	ug/l	99
95) Naphthalene	15.10	128	138669	19.733	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	50220	20.199	ug/l	99

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

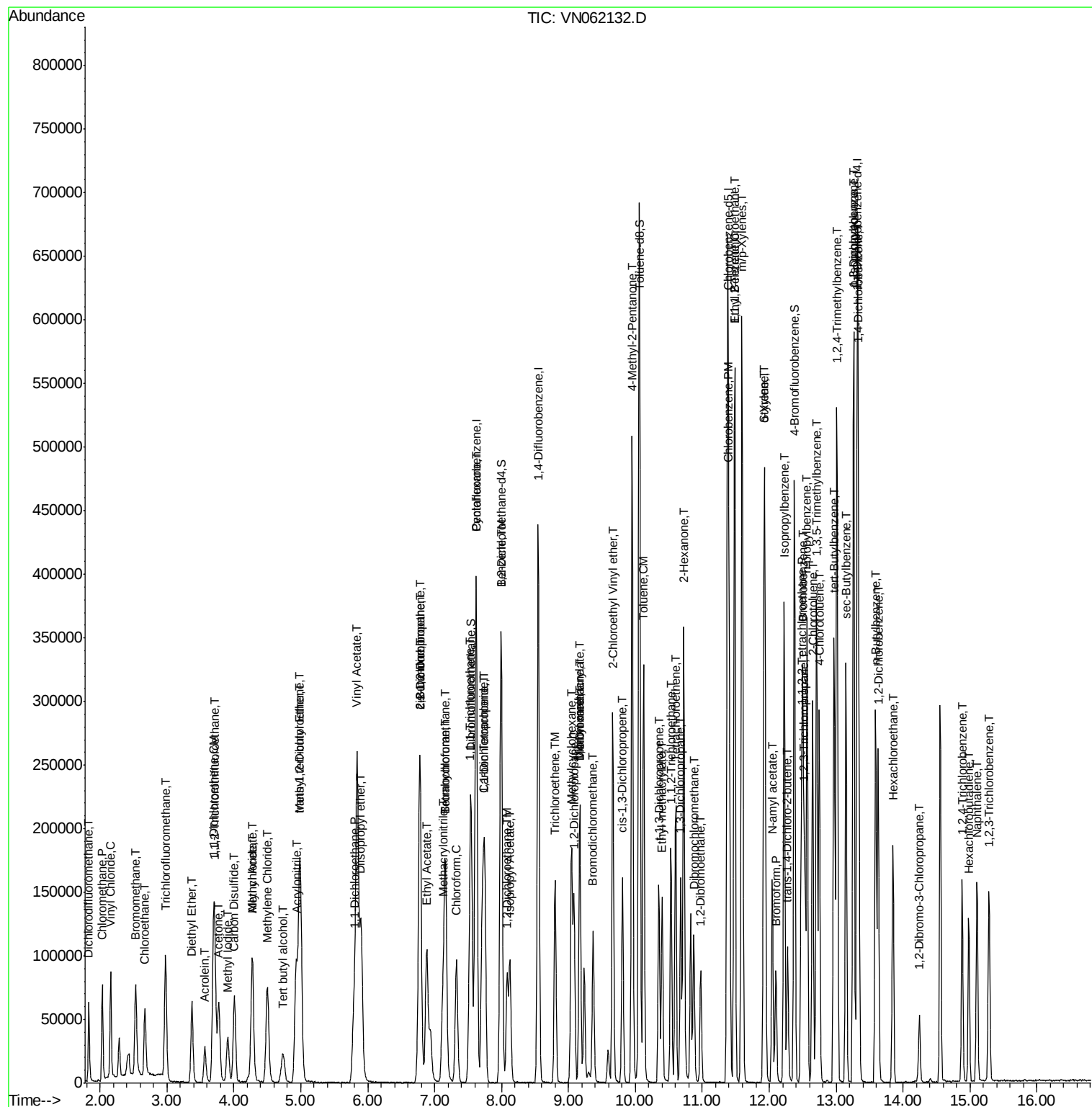
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062620\
Data File : VN062132.D
Acq On : 26 Jun 2020 12:12
Operator : JC/MD
Sample : VN0626MBS01
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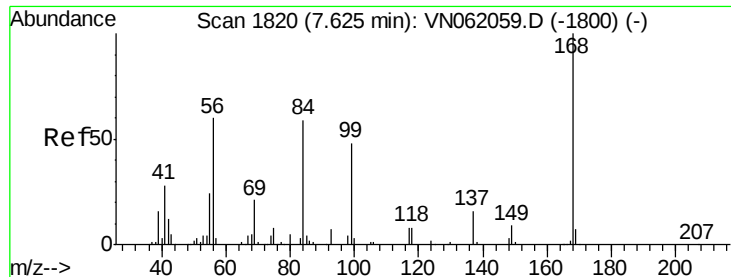
Instrument :
MSVOA_N
ClientSampleId :
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Manual Integrations
APPROVED

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN062132.D

Acq: 26 Jun 2020 12:12

Instrument :

MSVOA_N

ClientSampleId :

VN0626MBS01

Tot Ion:168 Resp: 236147

Ion Ratio Lower Upper

168 100

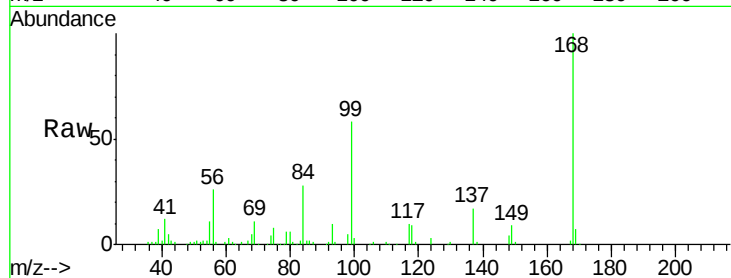
99 57.7 45.8 68.8

Manual Integrations

APPROVED

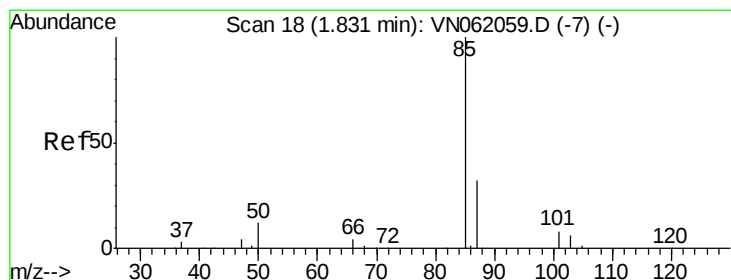
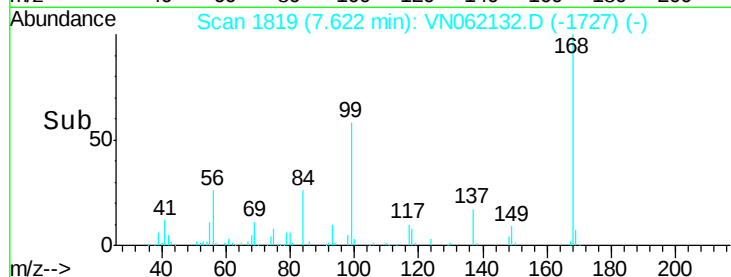
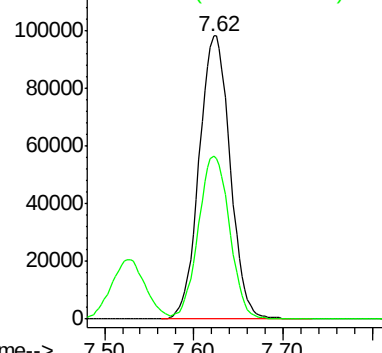
MMDadoda

6/29/2020 12:35:31 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 18.551 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062132.D

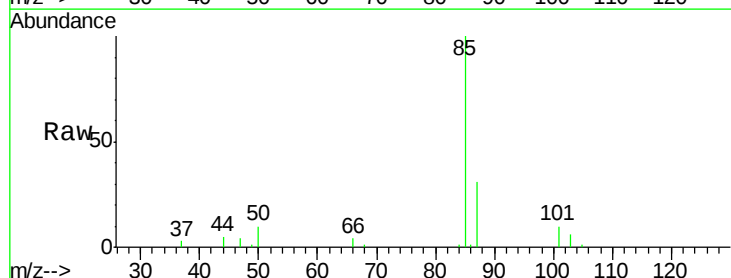
Acq: 26 Jun 2020 12:12

Tgt Ion: 85 Resp: 49517

Ion Ratio Lower Upper

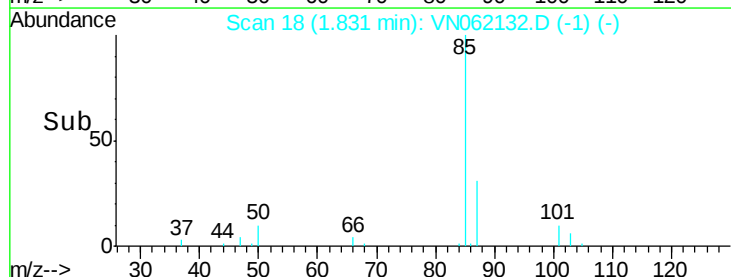
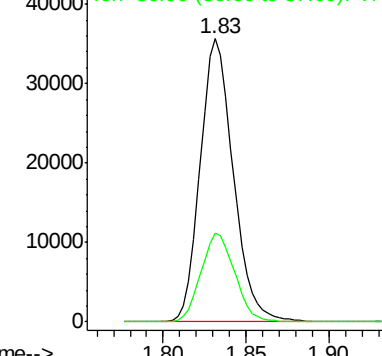
85 100

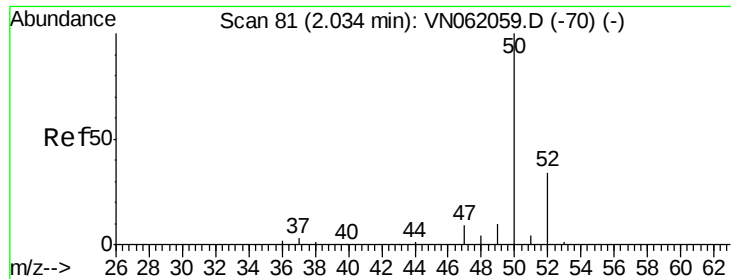
87 31.3 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 18.277 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN062132.D

Acq: 26 Jun 2020 12:12

Instrument :

MSVOA_N

ClientSampleId :

VN0626MBS01

Tot Ion: 50 Resp: 60102

Ion Ratio Lower Upper

50 100

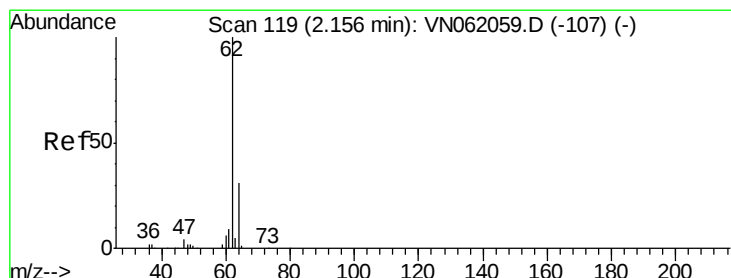
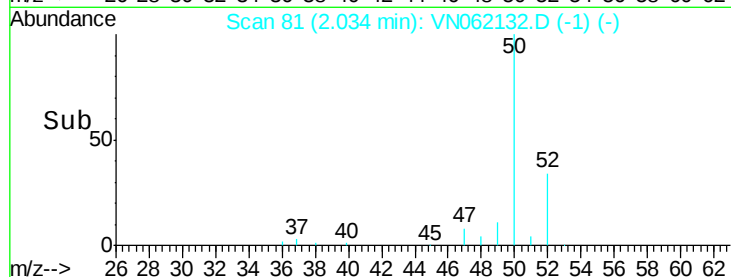
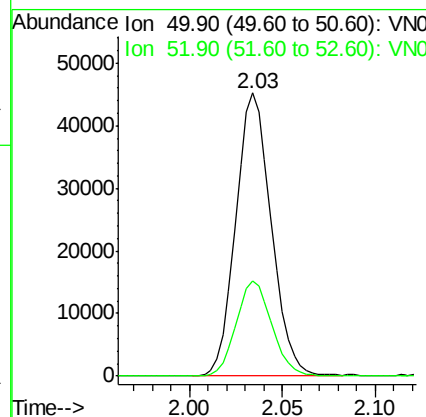
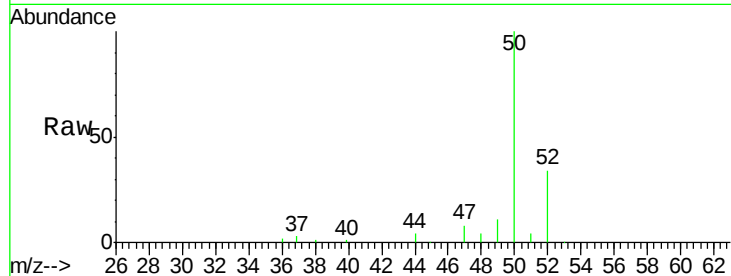
52 33.7 27.0 40.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 17.417 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN062132.D

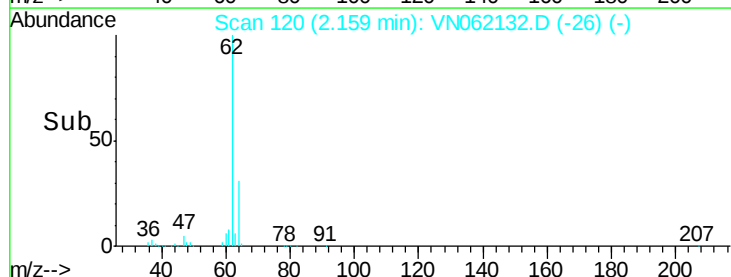
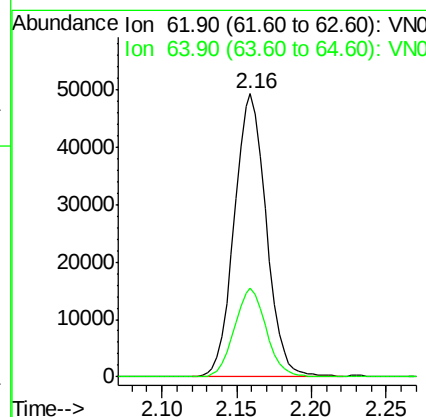
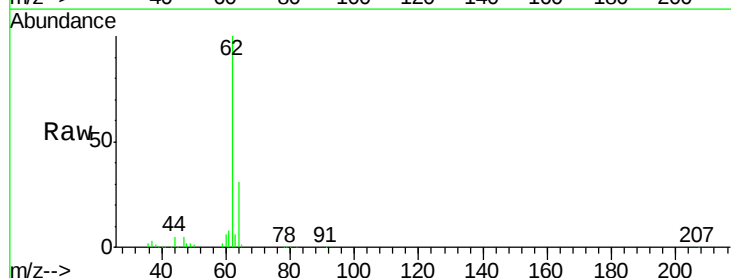
Acq: 26 Jun 2020 12:12

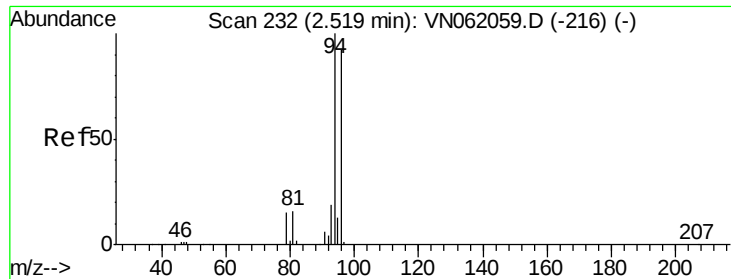
Tgt Ion: 62 Resp: 73213

Ion Ratio Lower Upper

62 100

64 31.2 25.1 37.7





#5

Bromomethane

Concen: 19.140 ug/l

RT: 2.53 min Scan# 236

Delta R.T. 0.01 min

Lab File: VN062132.D

Acq: 26 Jun 2020 12:12

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ClientSampleId :

VN0626MBS01

Tot Ion: 94 Resp: 51999

Ion Ratio Lower Upper

94 100

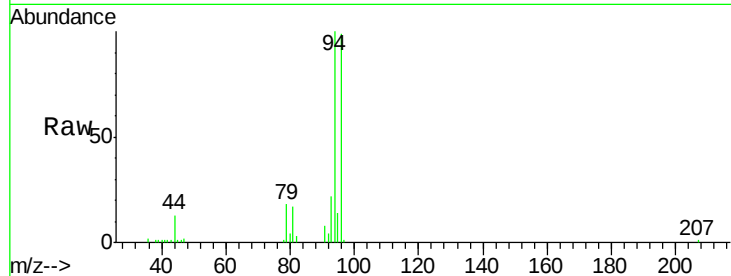
96 98.8 73.4 110.2

Manual Integrations

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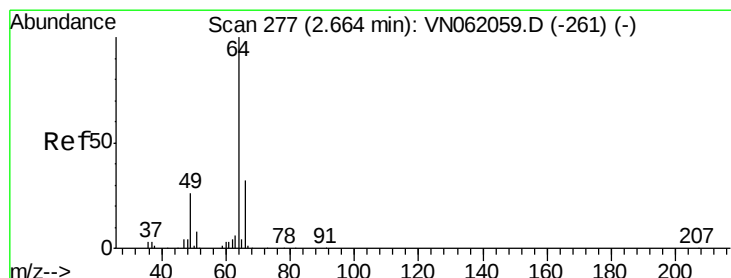
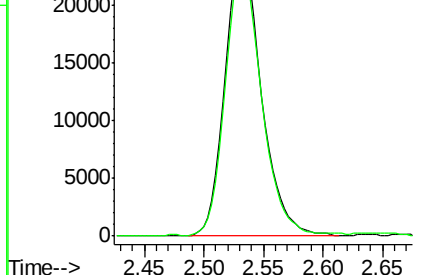
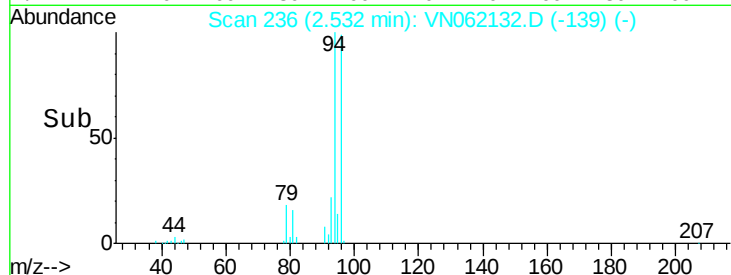


Abundance Ion 93.90 (93.60 to 94.60): VN062132.D (-139) (-)

Ion 95.90 (95.60 to 96.60): VN062132.D (-139) (-)

2.53

Time-->



#6

Chloroethane

Concen: 17.914 ug/l

RT: 2.67 min Scan# 279

Delta R.T. 0.01 min

Lab File: VN062132.D

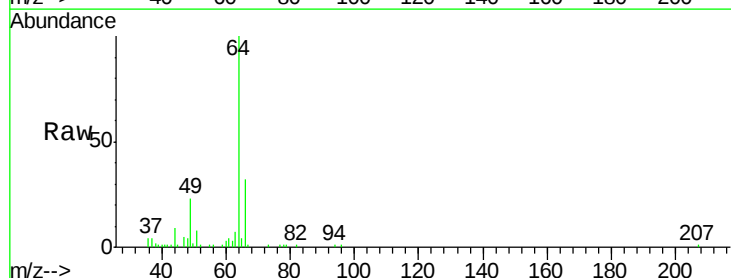
Acq: 26 Jun 2020 12:12

Tgt Ion: 64 Resp: 51439

Ion Ratio Lower Upper

64 100

66 31.7 25.8 38.6

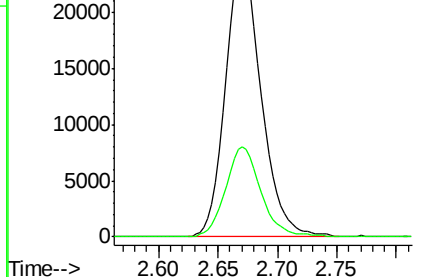
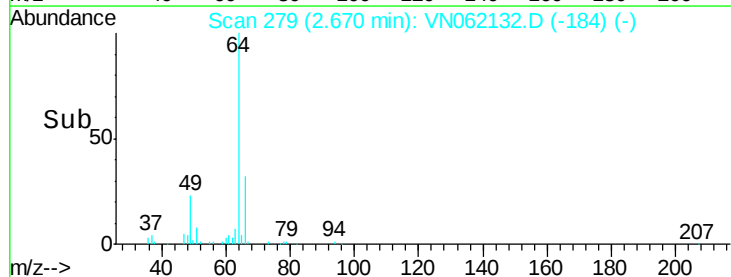


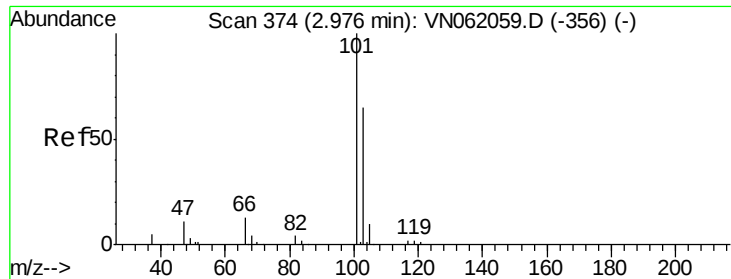
Abundance Ion 63.90 (63.60 to 64.60): VN062132.D (-184) (-)

Ion 65.90 (65.60 to 66.60): VN062132.D (-184) (-)

2.67

Time-->





#7

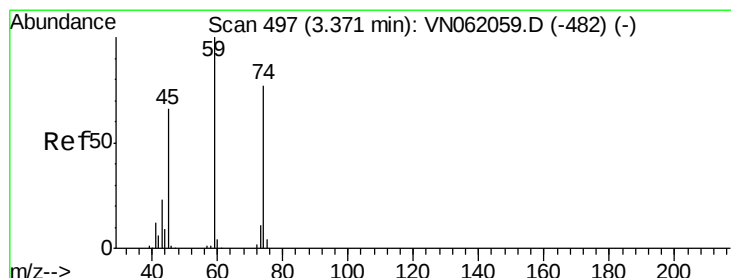
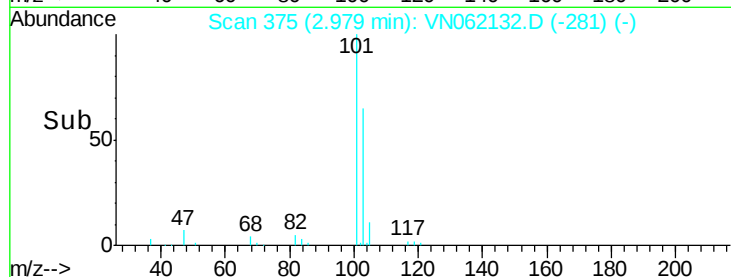
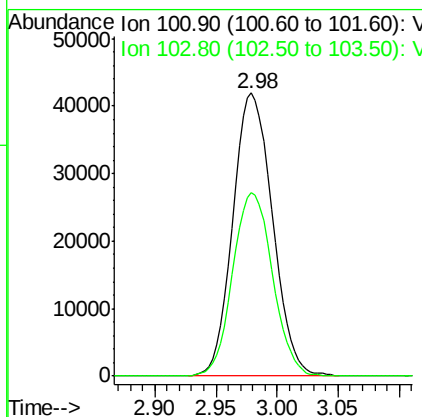
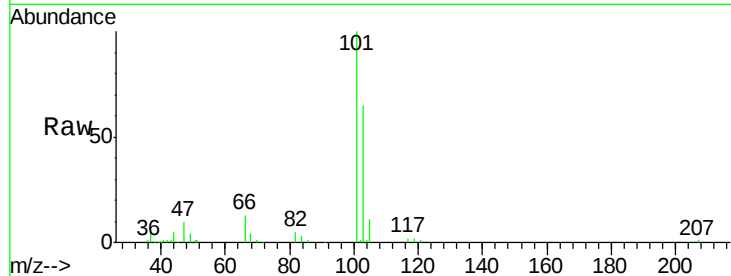
Trichlorofluoromethane
Concen: 18.262 ug/l
RT: 2.98 min Scan# 375
Delta R.T. 0.00 min
Lab File: VN062132.D
Acq: 26 Jun 2020 12:12

Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.7	51.8	77.6

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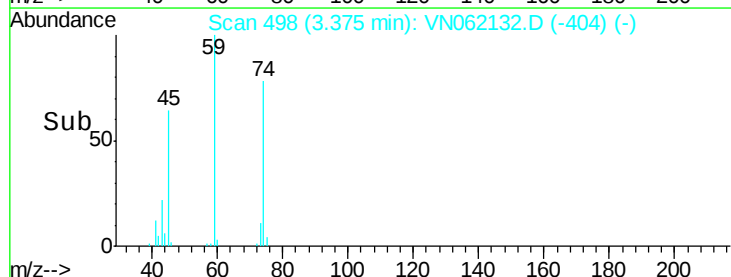
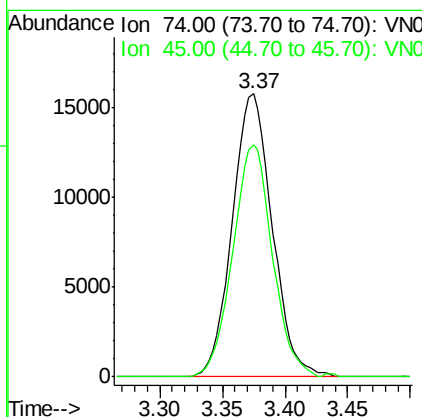
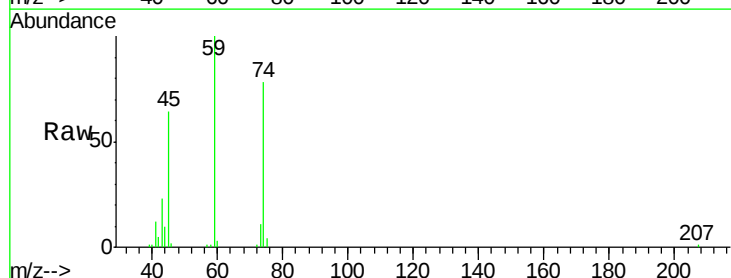
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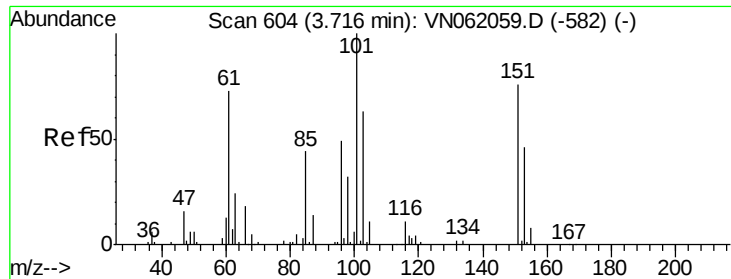


#8

Diethyl Ether
Concen: 19.274 ug/l
RT: 3.37 min Scan# 498
Delta R.T. 0.00 min
Lab File: VN062132.D
Acq: 26 Jun 2020 12:12

Tgt Ion	Ratio	Lower	Upper
74	100		
45	81.1	42.5	127.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.880 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN062132.D

Acq: 26 Jun 2020 12:12

Instrument :

MSVOA_N

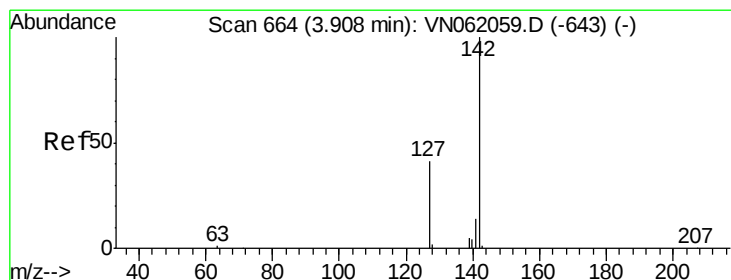
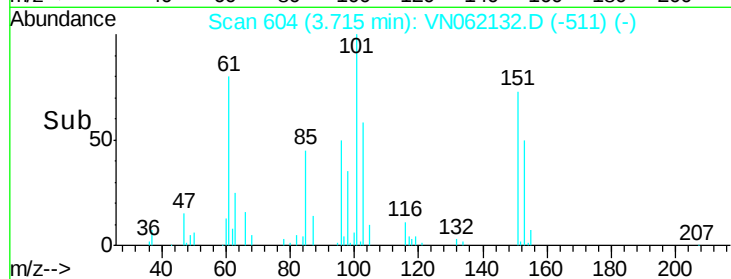
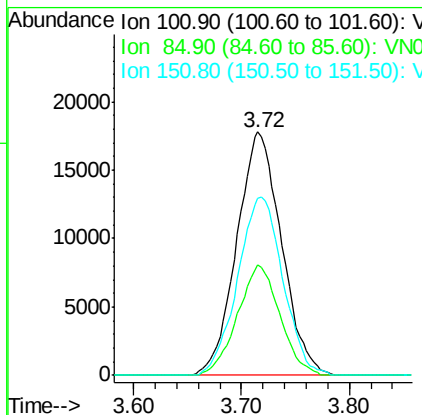
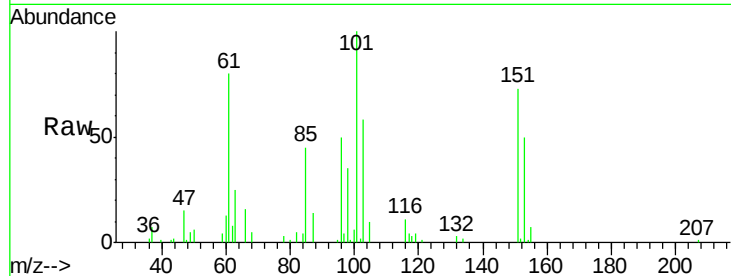
ClientSampleId :

VN0626MBS01

Tot Ion:	101	Resp:	51210
Ion Ratio	Lower	Upper	
101	100		
85	43.0	34.5	51.7
151	74.1	57.8	86.8

Manual Integrations
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#10

Methyl Iodide

Concen: 19.557 ug/l

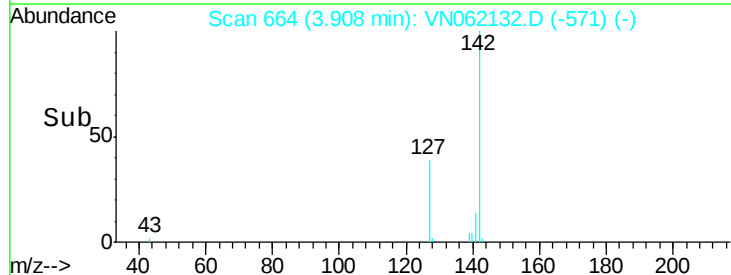
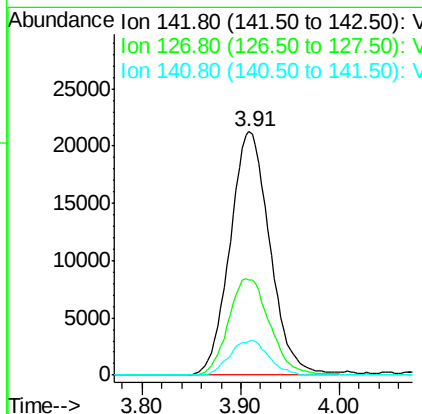
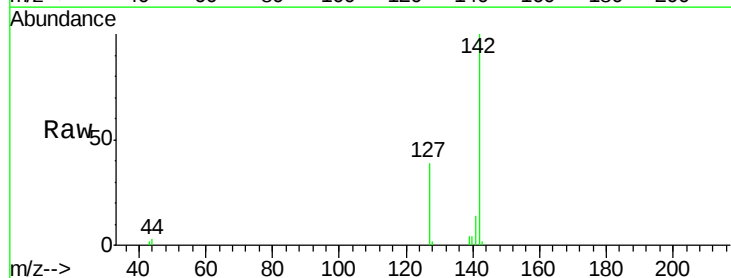
RT: 3.91 min Scan# 664

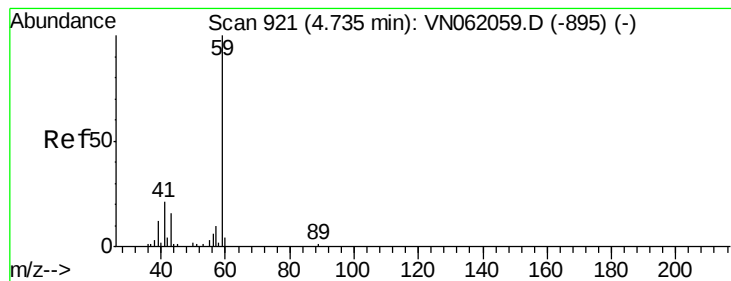
Delta R.T. -0.00 min

Lab File: VN062132.D

Acq: 26 Jun 2020 12:12

Tgt Ion:	142	Resp:	59742
Ion Ratio	Lower	Upper	
142	100		
127	41.2	33.6	50.4
141	13.8	11.3	16.9





#11

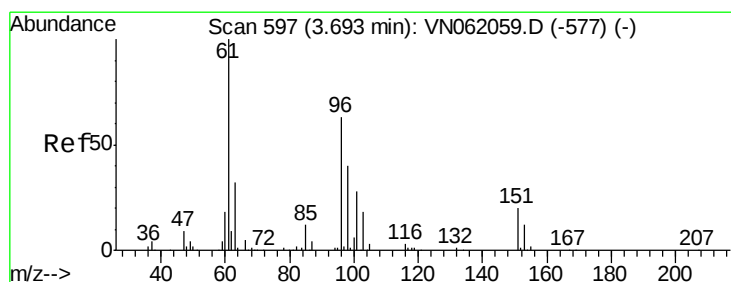
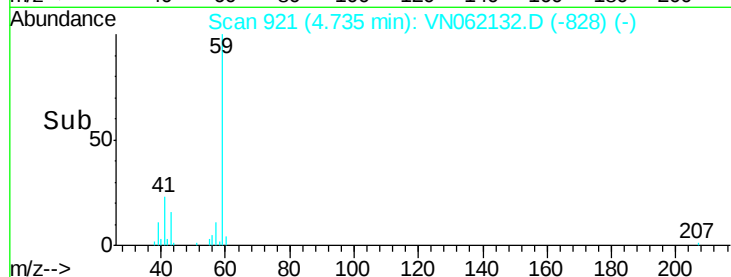
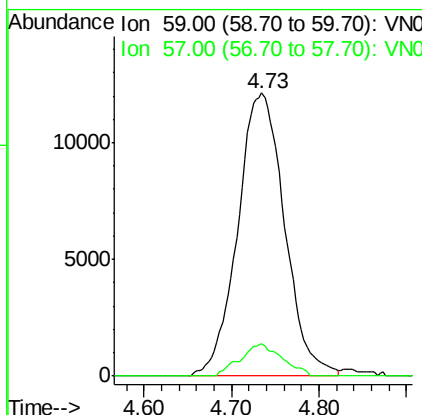
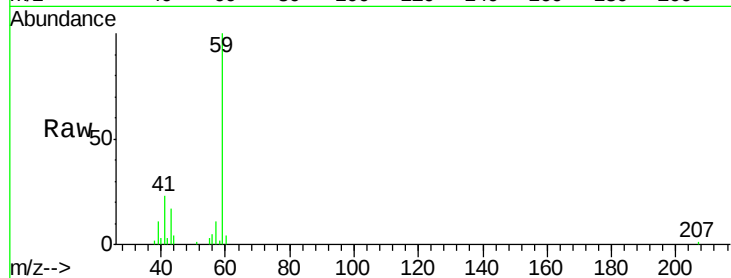
Tert butyl alcohol
 Concen: 94.511 ug/l
 RT: 4.73 min Scan# 921
 Delta R.T. -0.00 min
 Lab File: VN062132.D
 Acq: 26 Jun 2020 12:12

Instrument :
 MSVOA_N
 ClientSampled :
 VN0626MBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.3	12.5

Manual Integrations
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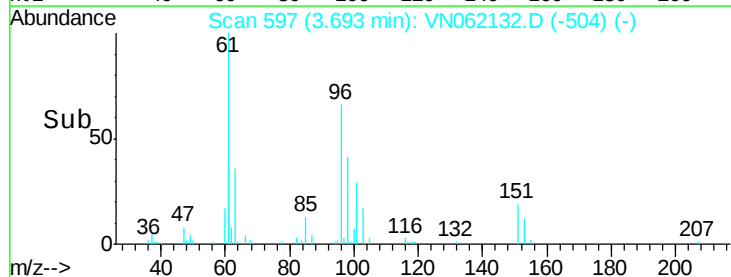
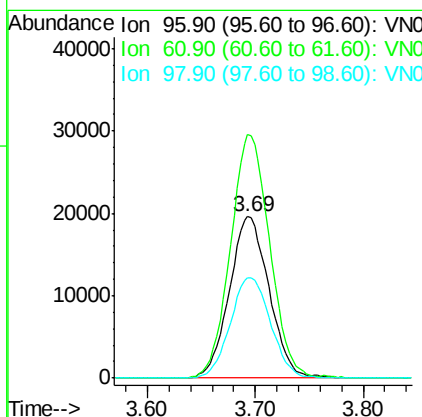
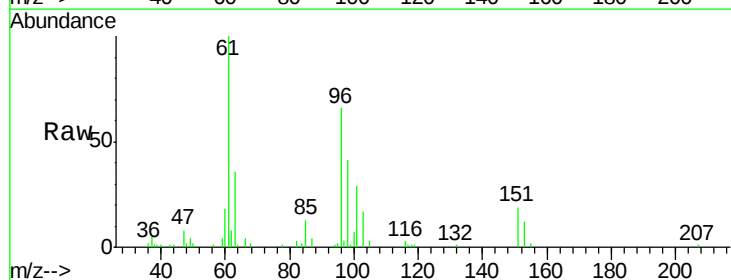
MMDadoda
 6/29/2020 12:35:31 PM

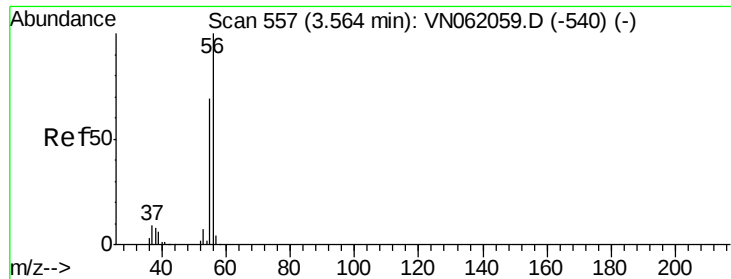


#12

1,1-Dichloroethene
 Concen: 18.489 ug/l
 RT: 3.69 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: VN062132.D
 Acq: 26 Jun 2020 12:12

Tgt Ion	Ratio	Lower	Upper
96	100		
61	151.1	126.7	190.1
98	62.2	51.0	76.4





#13

Acrolein

Concen: 69.560 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN062132.D

Acq: 26 Jun 2020 12:12

Instrument :

MSVOA_N

ClientSampleId :

VN0626MBS01

Tot Ion: 56 Resp: 32404

Ion Ratio Lower Upper

56 100

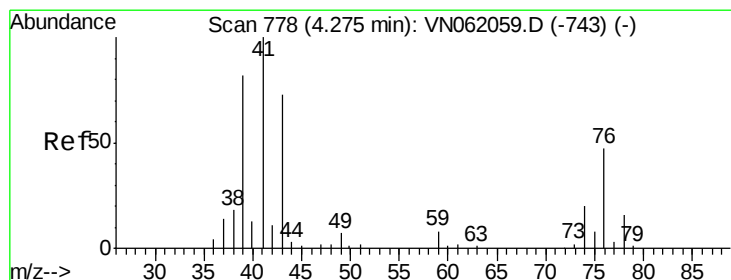
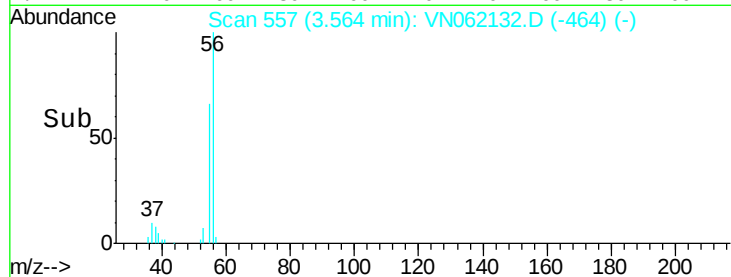
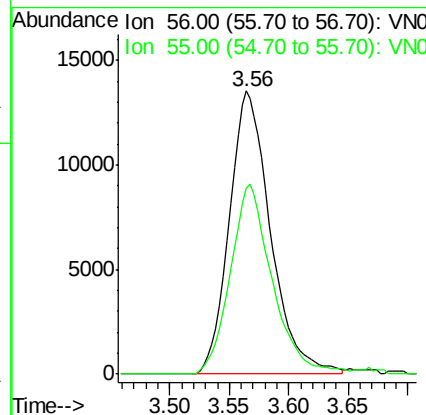
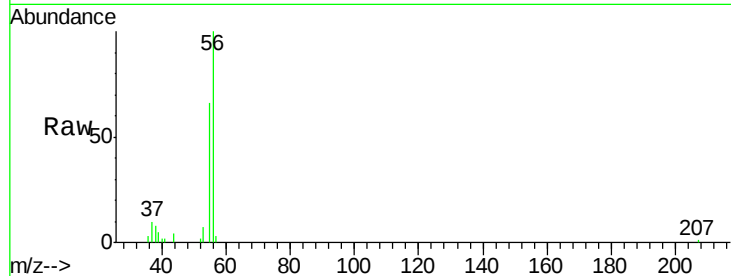
55 68.2 55.5 83.3

Manual Integrations

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MMDadoda

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#14

Allyl chloride

Concen: 18.267 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN062132.D

Acq: 26 Jun 2020 12:12

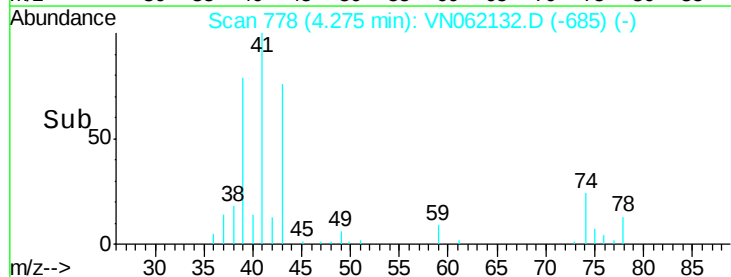
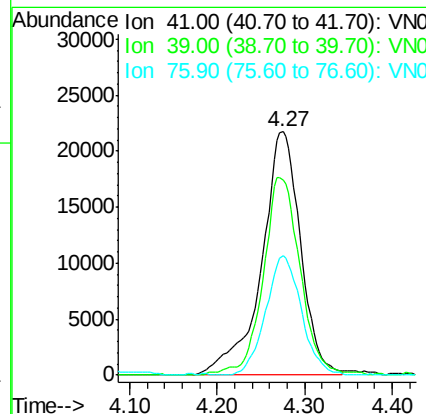
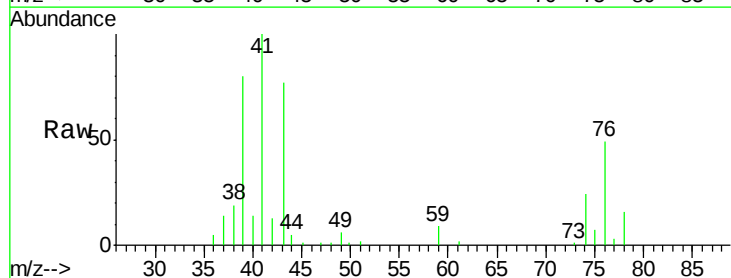
Tgt Ion: 41 Resp: 67436

Ion Ratio Lower Upper

41 100

39 77.1 60.0 90.0

76 44.5 34.1 51.1





#15

Acrylonitrile

Concen: 94.538 ug/l

RT: 4.93 min Scan# 981

Delta R.T. -0.00 min

Lab File: VN062132.D

Acq: 26 Jun 2020 12:12

Instrument :

MSVOA_N

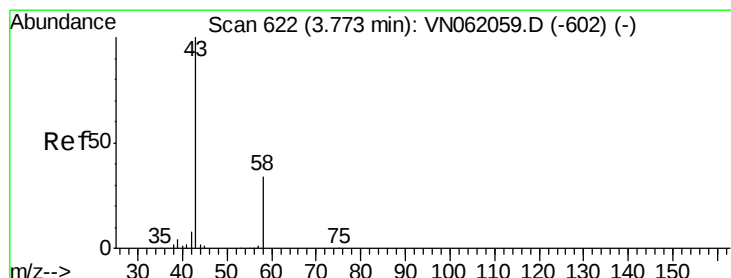
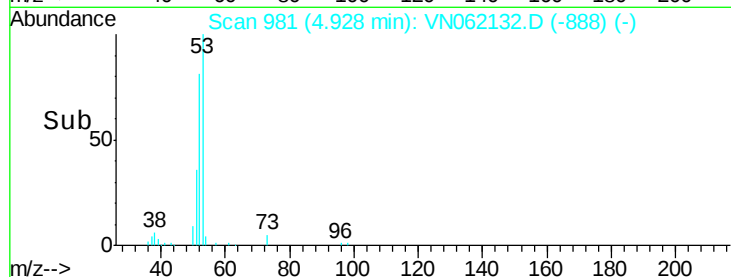
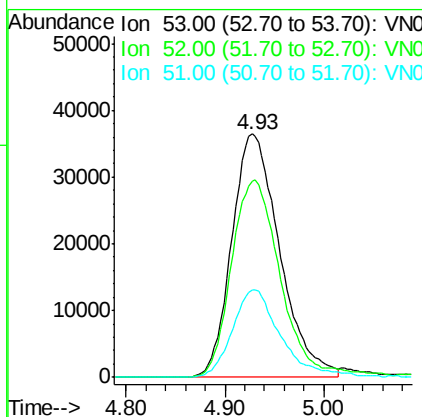
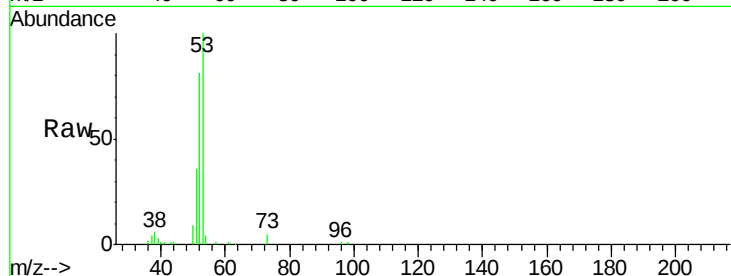
ClientSampleId :

VN0626MBS01

Tot Ion:	53	Resp:	122578
Ion Ratio	Lower	Upper	
53	100		
52	83.5	66.2	99.4
51	36.5	28.9	43.3

Manual Integrations
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#16

Acetone

Concen: 91.357 ug/l

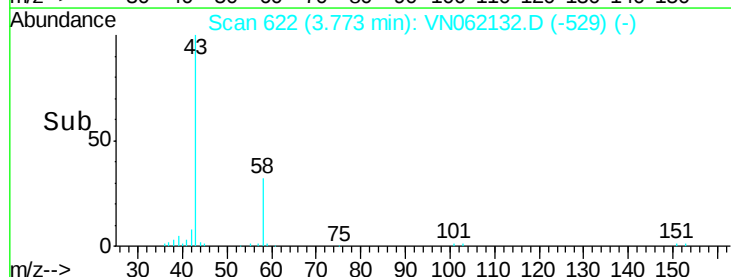
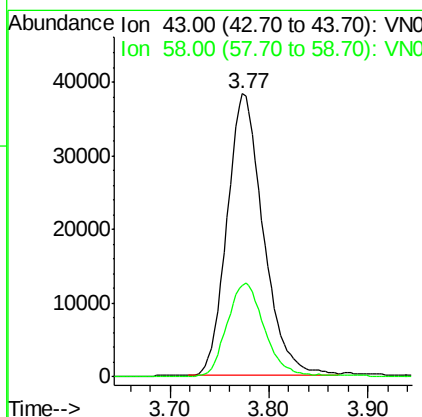
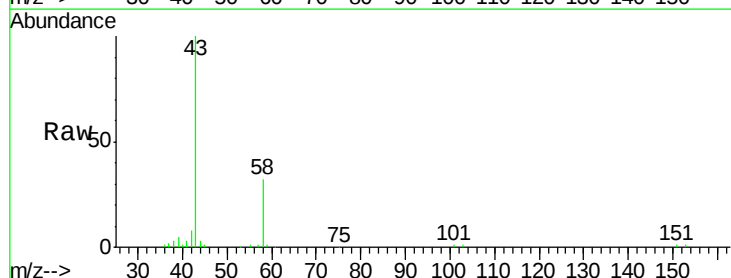
RT: 3.77 min Scan# 622

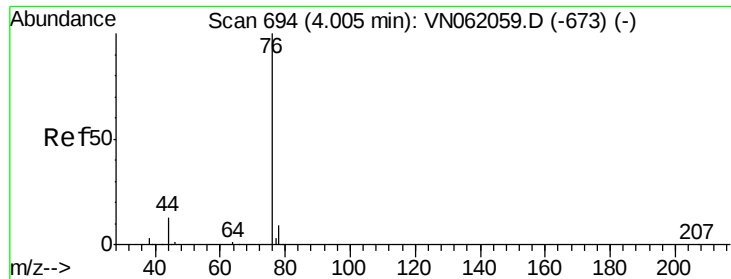
Delta R.T. 0.00 min

Lab File: VN062132.D

Acq: 26 Jun 2020 12:12

Tgt Ion:	43	Resp:	97703
Ion Ratio	Lower	Upper	
43	100		
58	32.6	27.5	41.3





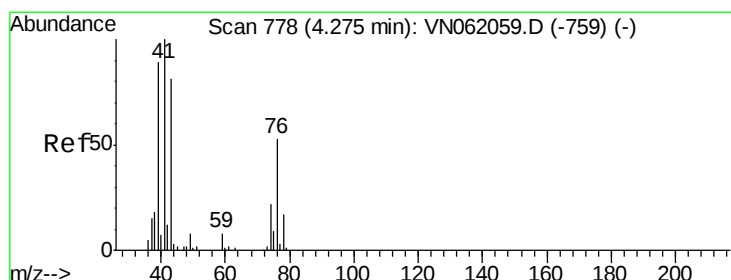
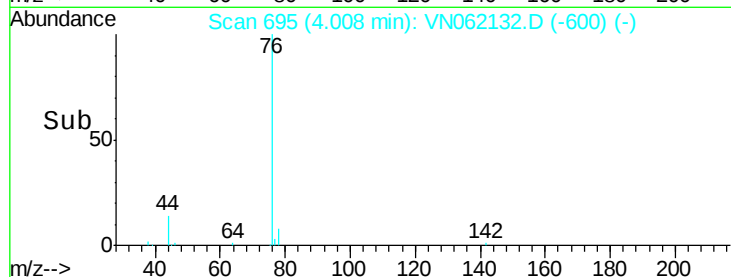
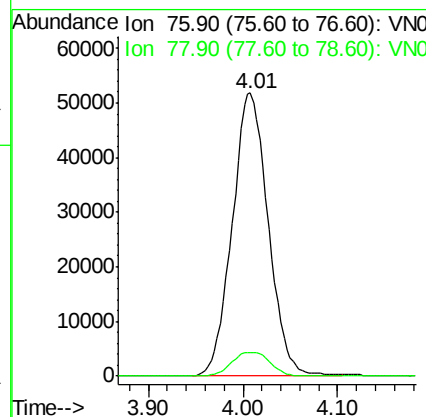
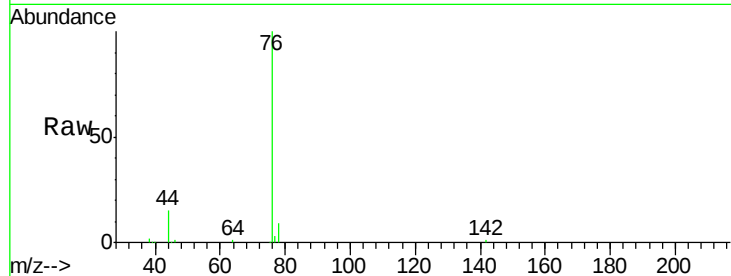
#17
Carbon Disulfide
Concen: 17.662 ug/l
RT: 4.01 min Scan# 695
Delta R.T. 0.00 min
Lab File: VN062132.D
Acq: 26 Jun 2020 12:12

Instrument :
MSVOA_N
ClientSampleId :
VN0626MBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.5	7.2	10.8

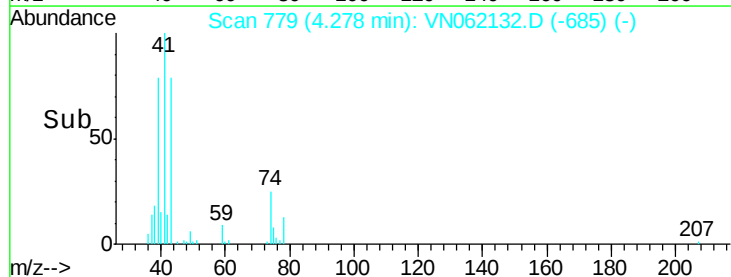
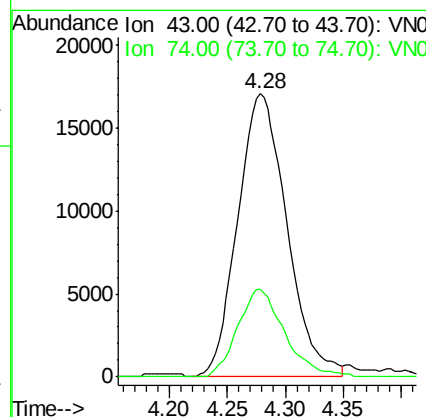
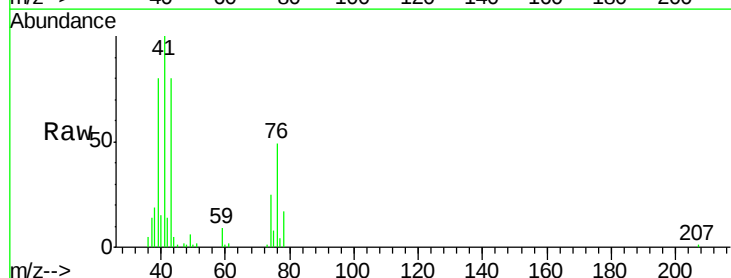
Manual Integrations
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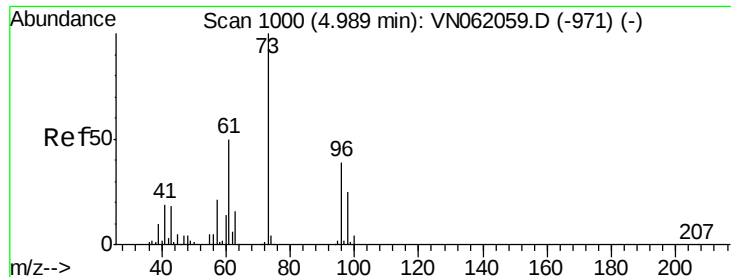
MMDadoda
6/29/2020 12:35:31 PM



#18
Methyl Acetate
Concen: 19.053 ug/l
RT: 4.28 min Scan# 779
Delta R.T. 0.00 min
Lab File: VN062132.D
Acq: 26 Jun 2020 12:12

Tgt Ion	Ratio	Lower	Upper
43	100		
74	29.6	22.9	34.3





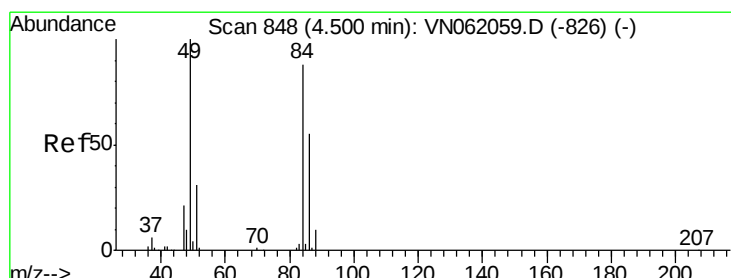
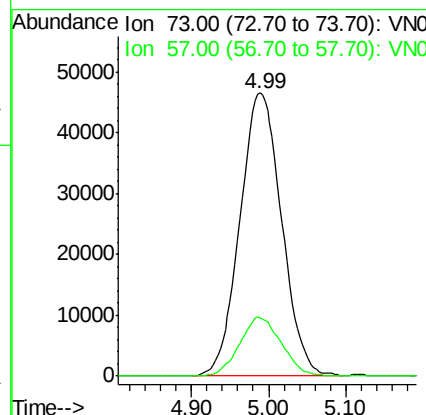
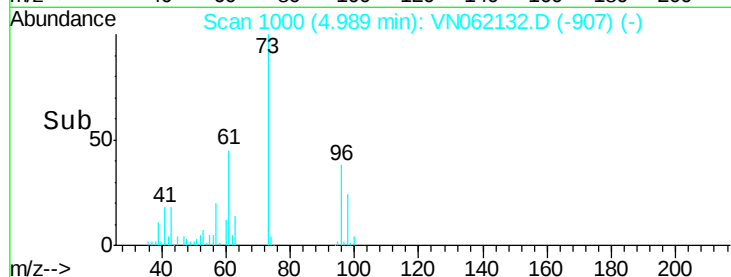
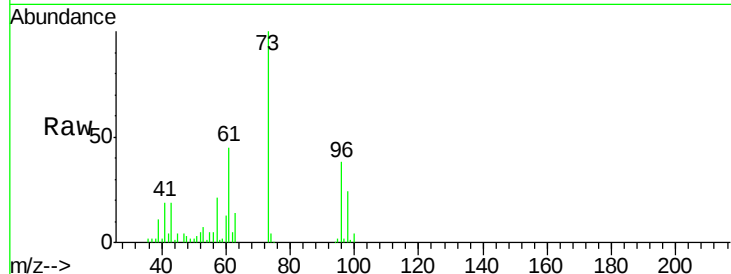
#19
Methvl tert-butvl Ether
Concen: 20.158 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VN062132.D
Acq: 26 Jun 2020 12:12

Instrument :
MSVOA_N
ClientSampleId :
VN0626MBS01

Tot Ion: 73 Resp: 174663
Ion Ratio Lower Upper
73 100
57 20.8 16.6 24.8

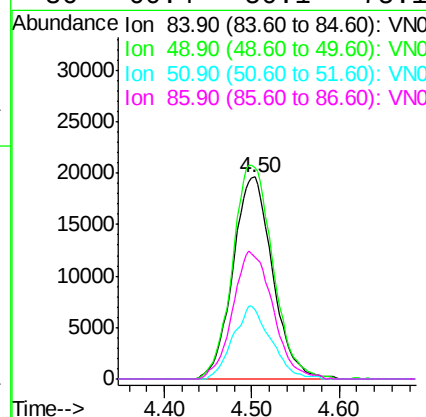
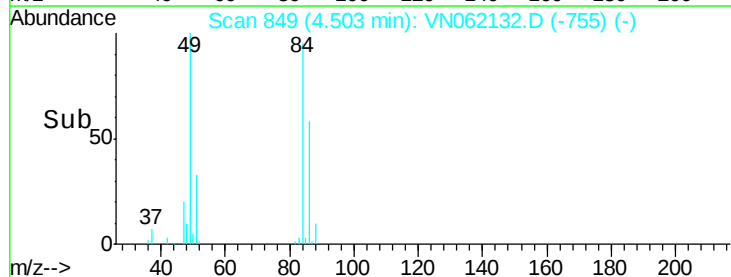
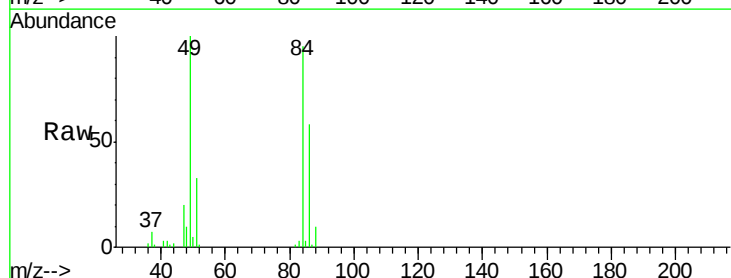
Manual Integrations
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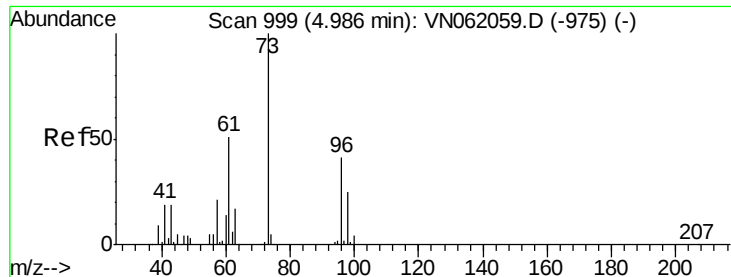
MMDadoda
6/29/2020 12:35:31 PM



#20
Methylene Chloride
Concen: 20.196 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.00 min
Lab File: VN062132.D
Acq: 26 Jun 2020 12:12

Tgt Ion: 84 Resp: 61832
Ion Ratio Lower Upper
84 100
49 104.9 90.6 136.0
51 34.2 27.8 41.8
86 60.4 50.1 75.1





#21

trans-1,2-Dichloroethene

Concen: 17.900 ug/l

RT: 4.99 min Scan# 999

Delta R.T. 0.00 min

Lab File: VN062132.D

Acq: 26 Jun 2020 12:12

Instrument :

MSVOA_N

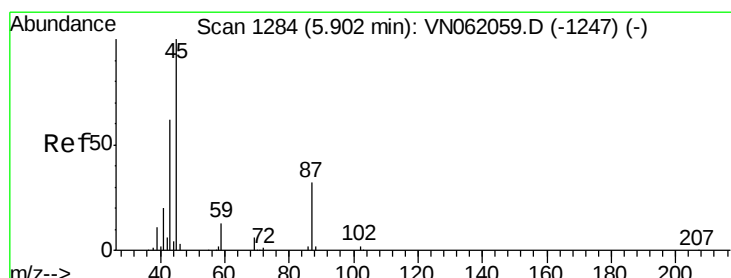
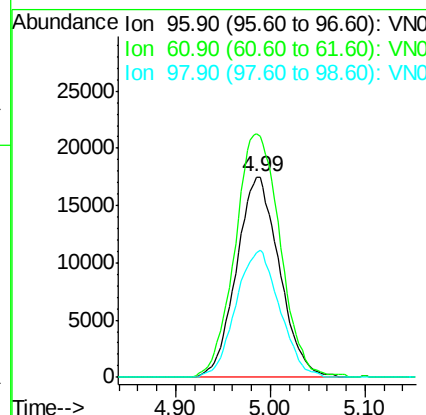
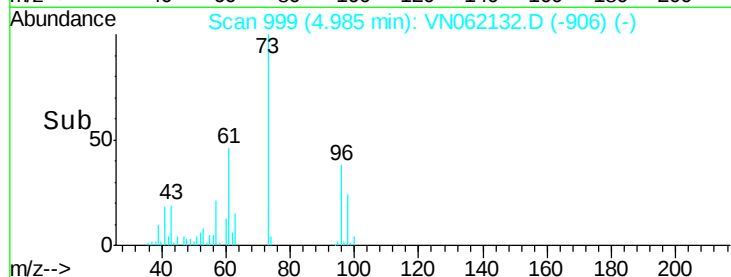
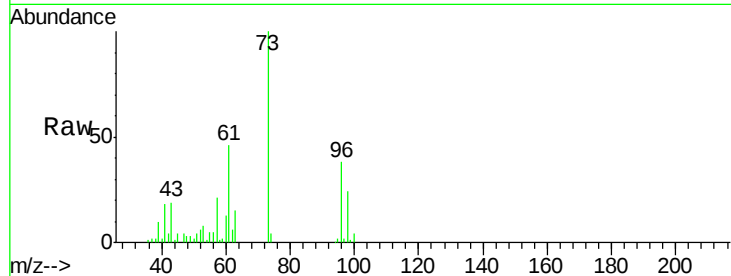
ClientSampled :

VN0626MBS01

Tot Ion:	96	Resp:	55294
Ion	Ratio	Lower	Upper
96	100		
61	121.4	101.4	152.2
98	62.4	49.3	73.9

Manual Integrations
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MMDadoda
6/29/2020 12:35:31 PM



#22

Diisopropyl ether

Concen: 18.449 ug/l

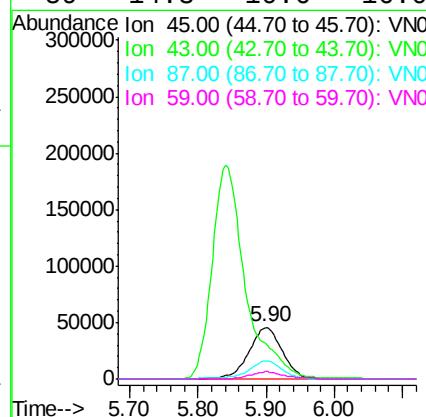
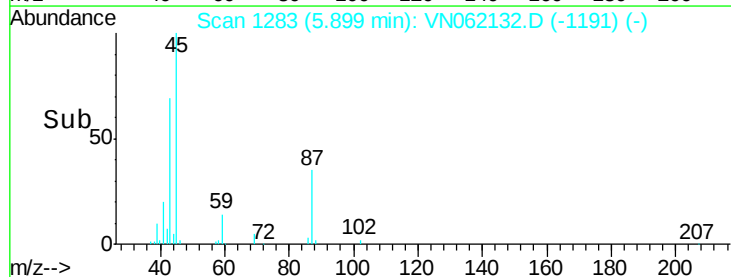
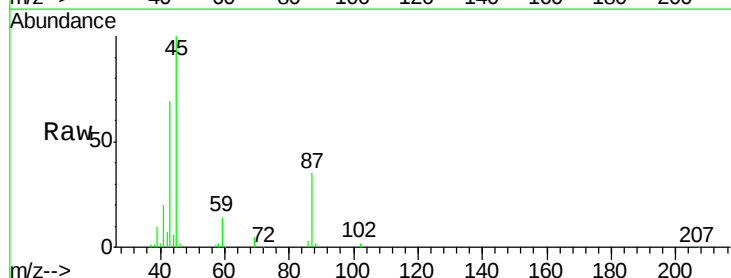
RT: 5.90 min Scan# 1283

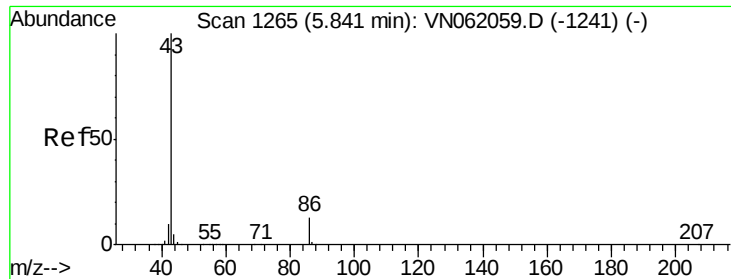
Delta R.T. -0.00 min

Lab File: VN062132.D

Acq: 26 Jun 2020 12:12

Tgt Ion:	45	Resp:	155073
Ion	Ratio	Lower	Upper
45	100		
43	67.2	49.7	74.5
87	34.6	25.9	38.9
59	14.3	10.6	16.0





#23

Vinyl Acetate

Concen: 93.710 ug/l

RT: 5.84 min Scan# 1265

Delta R.T. -0.00 min

Lab File: VN062132.D

Acq: 26 Jun 2020 12:12

Instrument :

MSVOA_N

ClientSampleId :

VN0626MBS01

Tot Ion: 43 Resp: 643109

Ion Ratio Lower Upper

43 100

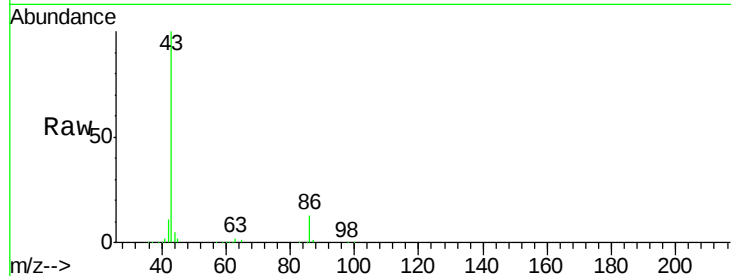
86 13.1 10.1 15.1

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.84

200000

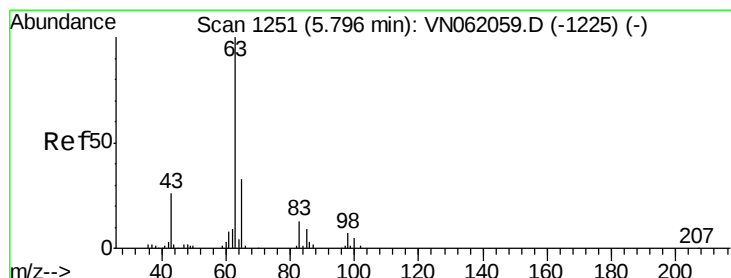
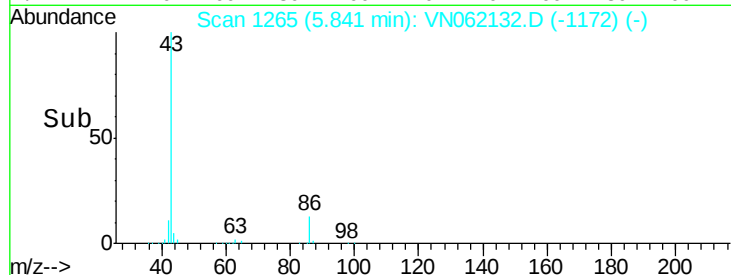
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 18.112 ug/l

RT: 5.79 min Scan# 1250

Delta R.T. -0.00 min

Lab File: VN062132.D

Acq: 26 Jun 2020 12:12

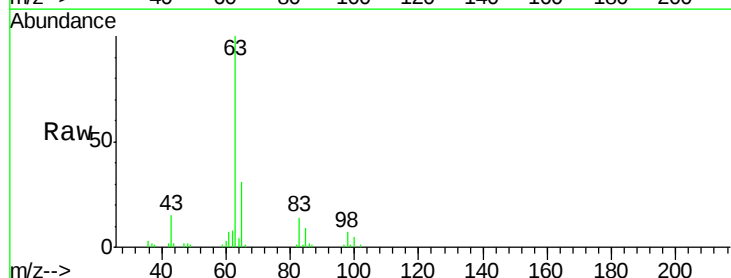
Tgt Ion: 63 Resp: 98038

Ion Ratio Lower Upper

63 100

98 7.2 3.6 10.9

100 4.9 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

5.79

40000

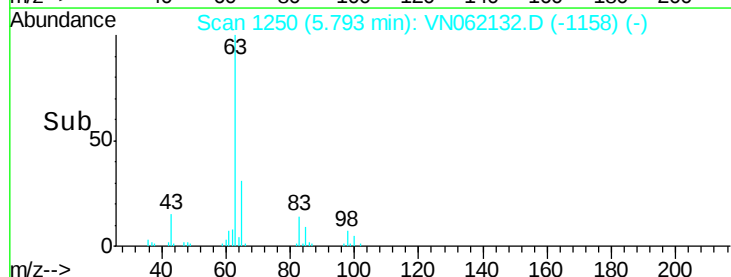
30000

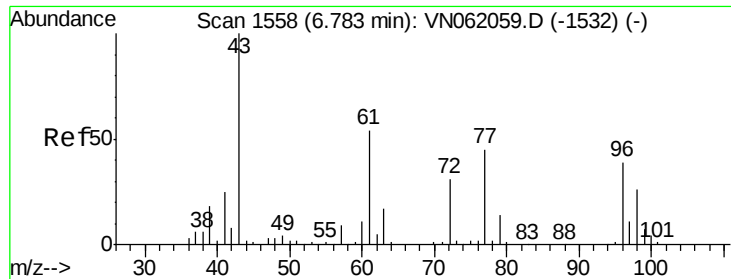
20000

10000

0

Time-->





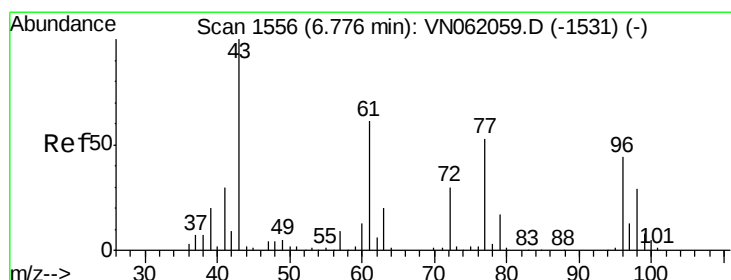
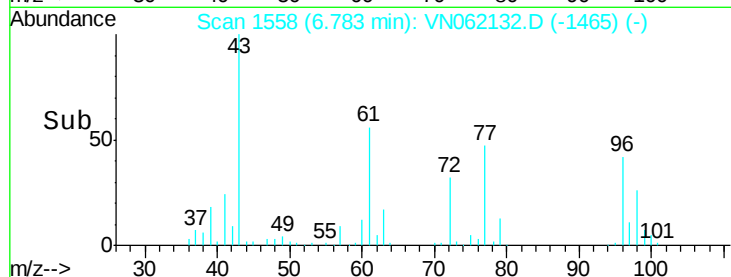
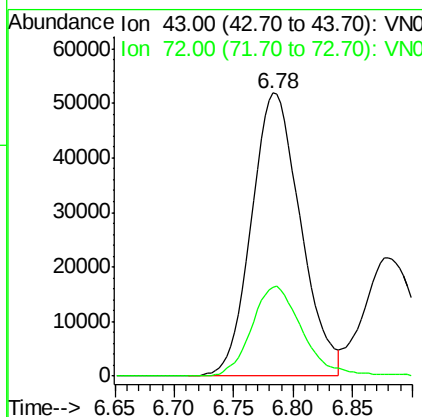
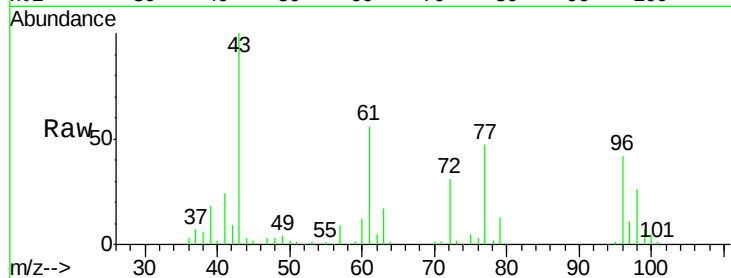
#25
2-Butanone
Concen: 91.701 ug/l
RT: 6.78 min Scan# 1558
Delta R.T. -0.00 min
Lab File: VN062132.D
Acq: 26 Jun 2020 12:12

Instrument :
MSVOA_N
ClientSampleId :
VN0626MBS01

Tot Ion: 43 Resp: 148538
Ion Ratio Lower Upper
43 100
72 31.4 24.8 37.2

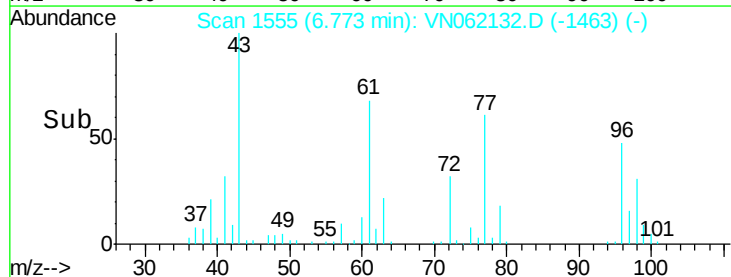
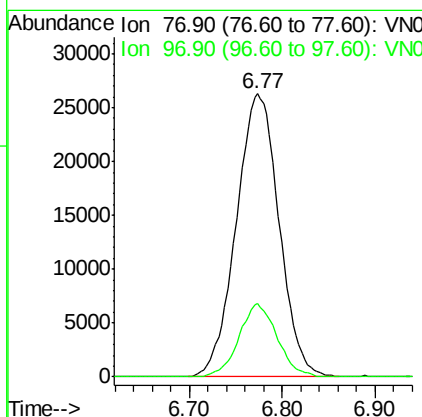
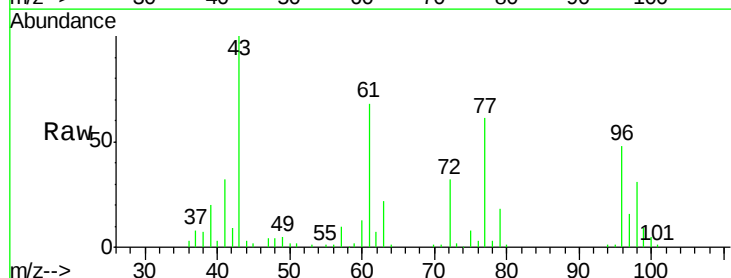
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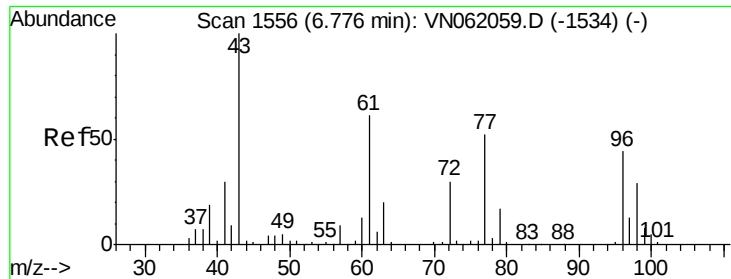
MMDadoda
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#26
2,2-Dichloropropane
Concen: 18.656 ug/l
RT: 6.77 min Scan# 1555
Delta R.T. -0.00 min
Lab File: VN062132.D
Acq: 26 Jun 2020 12:12

Tgt Ion: 77 Resp: 84148
Ion Ratio Lower Upper
77 100
97 23.1 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 18.762 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. 0.01 min

Lab File: VN062132.D

Acq: 26 Jun 2020 12:12

Instrument :

MSVOA_N

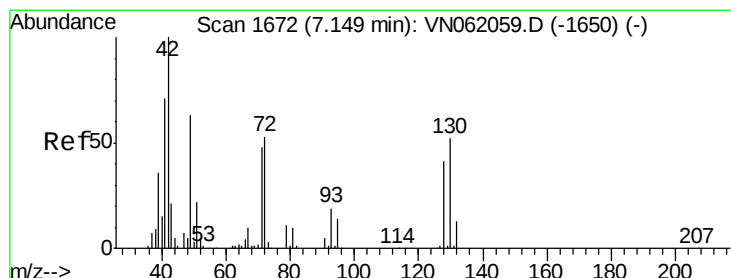
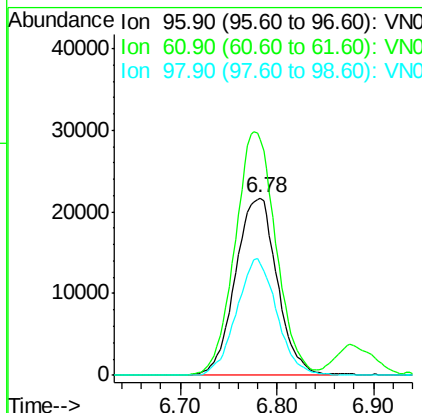
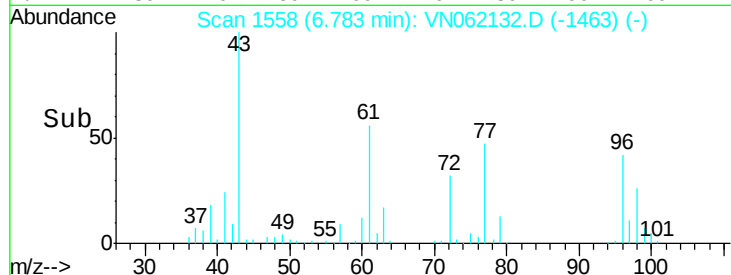
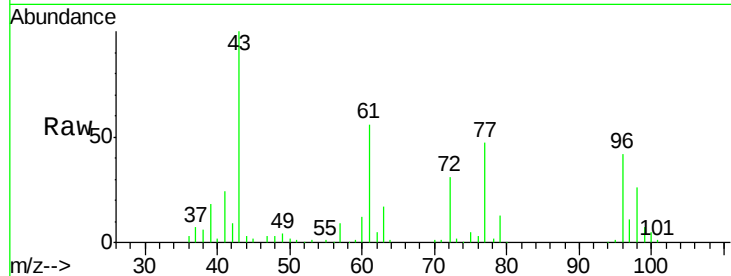
ClientSampleId :

VN0626MBS01

Tot Ion:	96	Resp:	65215
Ion	Ratio	Lower	Upper
96	100		
61	134.5	0.0	280.4
98	63.1	0.0	129.4

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#28

Bromochloromethane

Concen: 17.381 ug/l

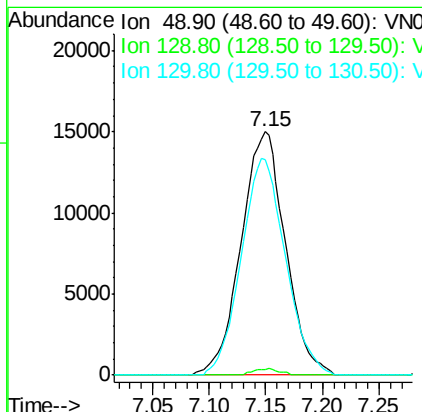
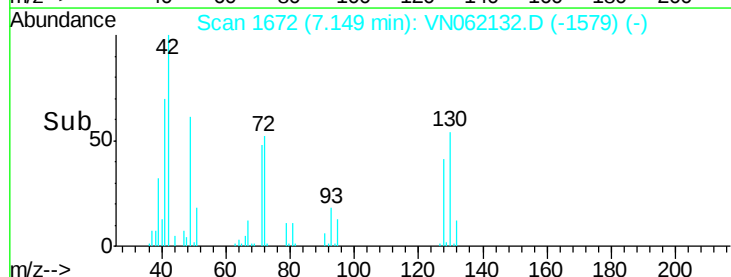
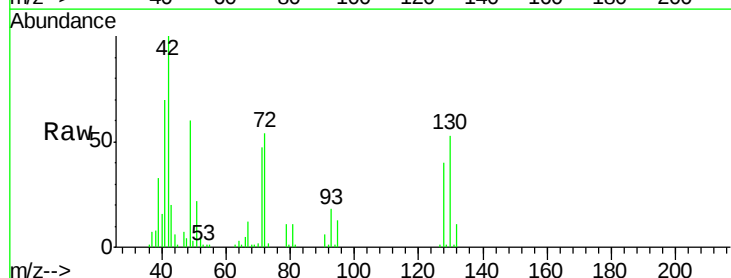
RT: 7.15 min Scan# 1672

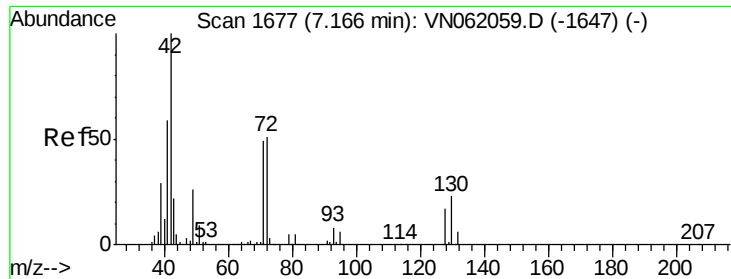
Delta R.T. 0.00 min

Lab File: VN062132.D

Acq: 26 Jun 2020 12:12

Tgt Ion:	49	Resp:	40820
Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	4.4
130	88.7	65.5	98.3





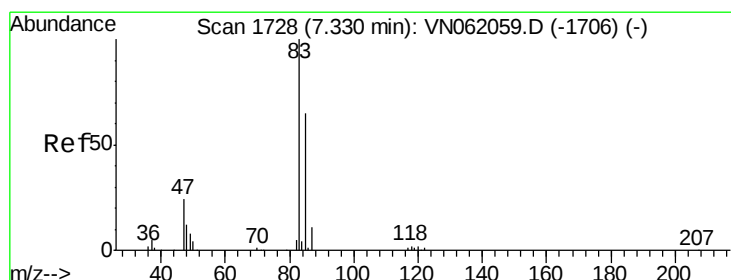
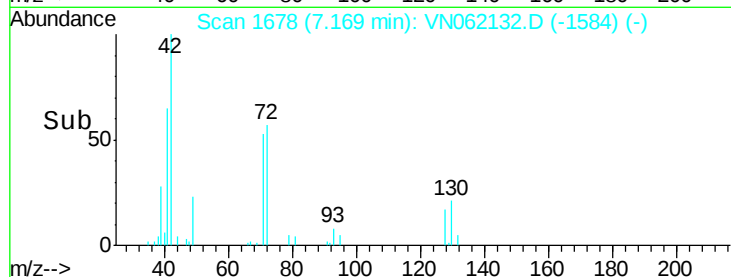
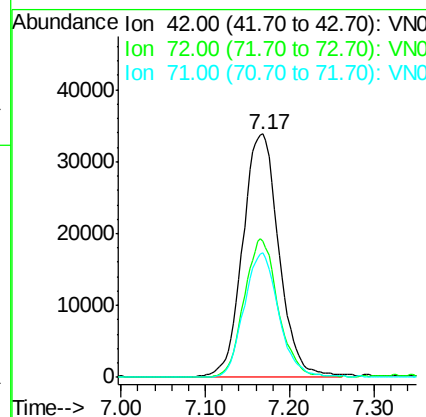
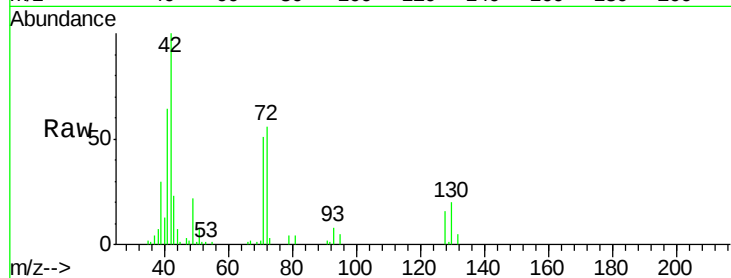
#29
Tetrahydrofuran
Concen: 95.476 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. 0.00 min
Lab File: VN062132.D
Acq: 26 Jun 2020 12:12

Instrument :
MSVOA_N
ClientSampleId :
VN0626MBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	53.2	41.1	61.7
71	48.7	38.2	57.4

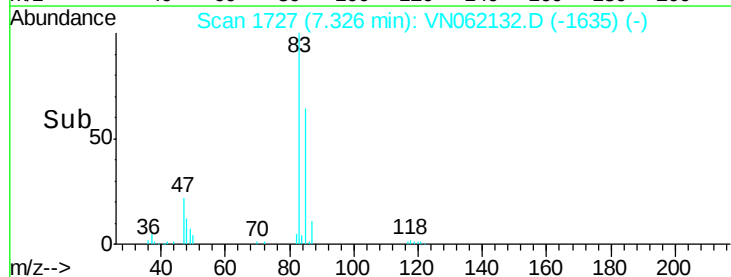
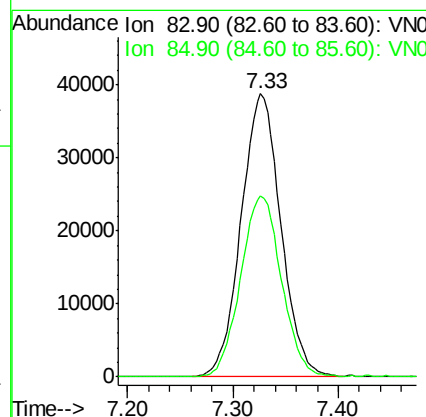
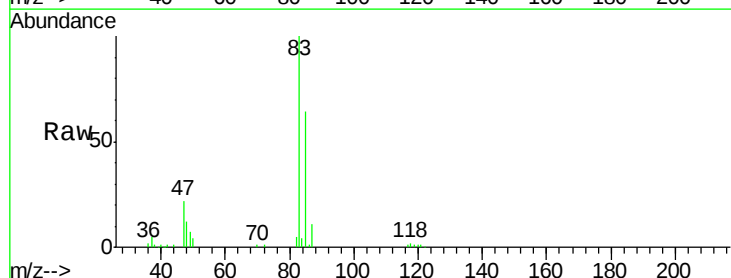
Manual Integrations
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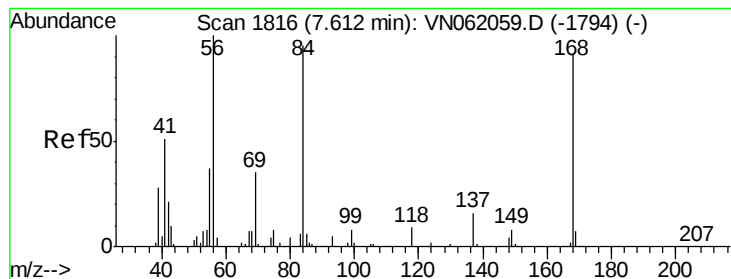
MMDadoda
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#30
Chloroform
Concen: 18.432 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN062132.D
Acq: 26 Jun 2020 12:12

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.8	52.3	78.5





#31

Cyclohexane

Concen: 17.730 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VN062132.D

Acq: 26 Jun 2020 12:12

Instrument :

MSVOA_N

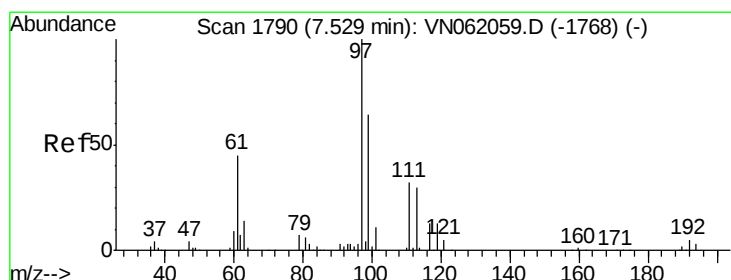
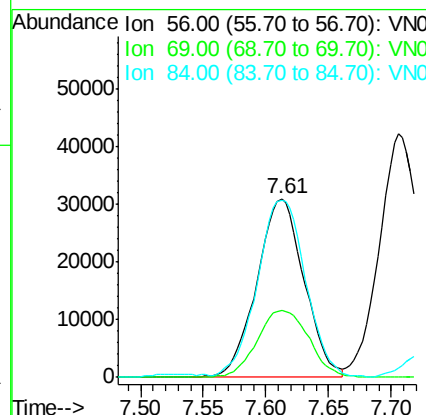
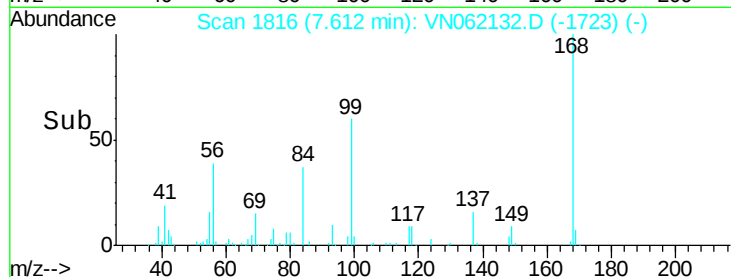
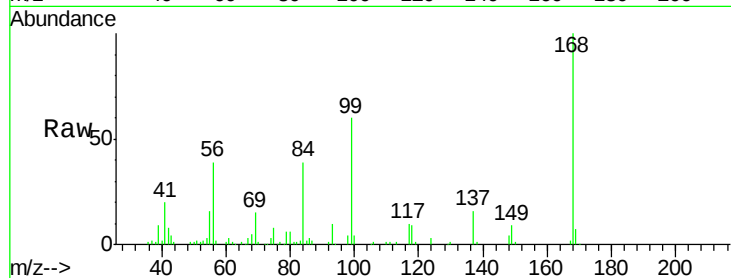
ClientSampleID :

VN0626MBS01

Tot Ion:	56	Resp:	81179
Ion	Ratio	Lower	Upper
56	100		
69	37.4	28.0	42.0
84	98.1	76.1	114.1

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#32

1,1,1-Trichloroethane

Concen: 18.956 ug/l

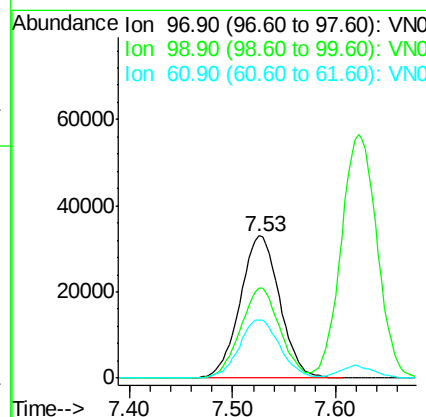
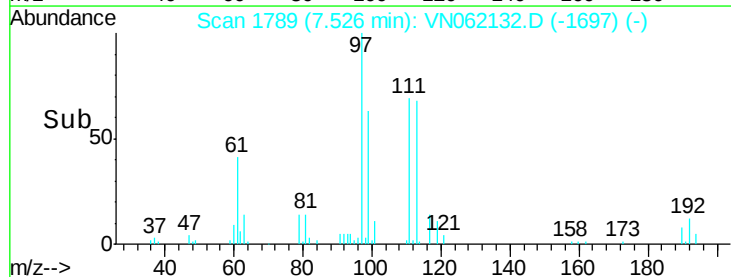
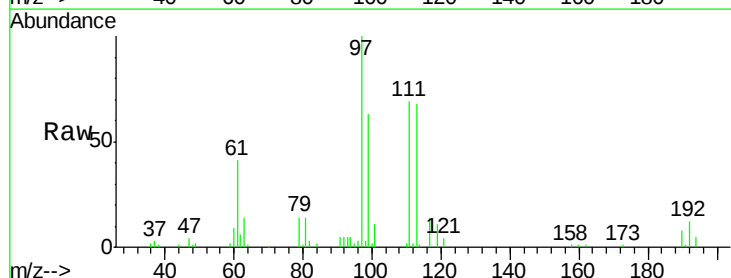
RT: 7.53 min Scan# 1789

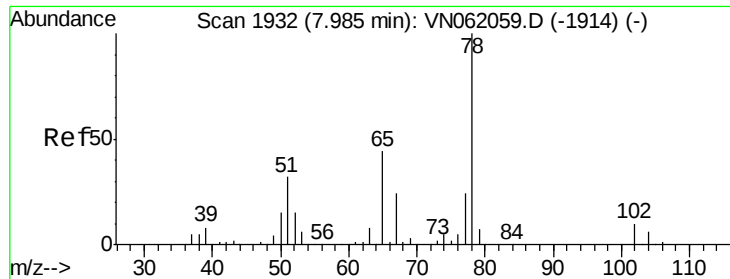
Delta R.T. -0.00 min

Lab File: VN062132.D

Acq: 26 Jun 2020 12:12

Tgt Ion:	97	Resp:	88036
Ion	Ratio	Lower	Upper
97	100		
99	63.1	51.0	76.4
61	42.2	36.2	54.2





#33

1,2-Dichloroethane-d4

Concen: 46.670 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN062132.D

Acq: 26 Jun 2020 12:12

Instrument :

MSVOA_N

ClientSampleId :

VN0626MBS01

Tot Ion: 65 Resp: 154661

Ion Ratio Lower Upper

65 100

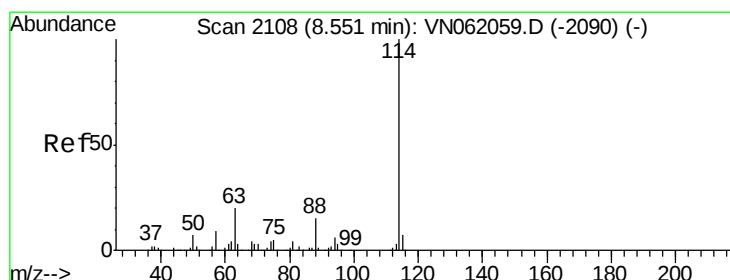
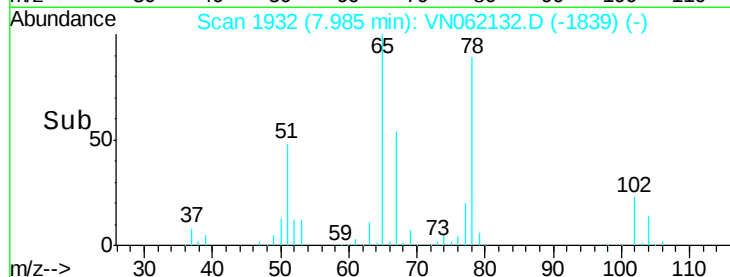
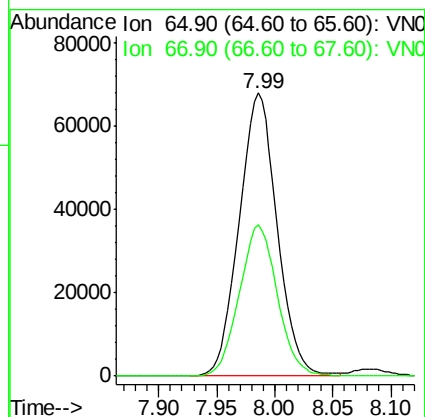
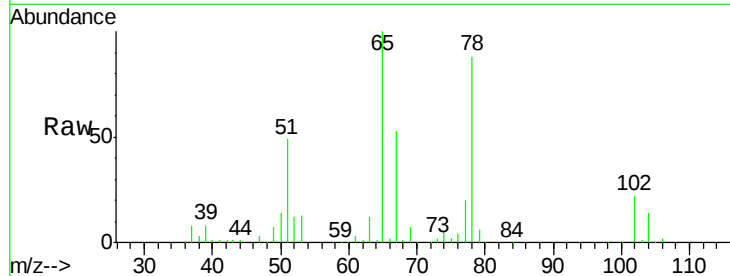
67 53.6 0.0 106.2

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2107

Delta R.T. -0.00 min

Lab File: VN062132.D

Acq: 26 Jun 2020 12:12

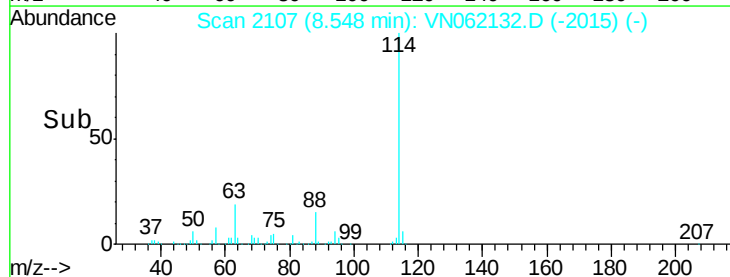
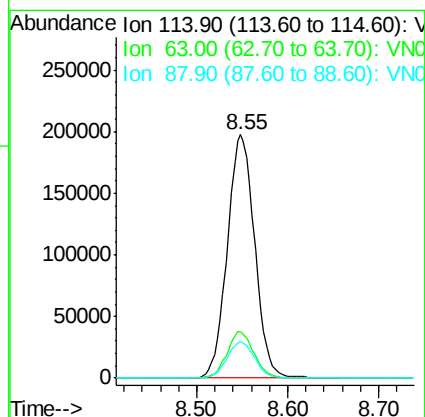
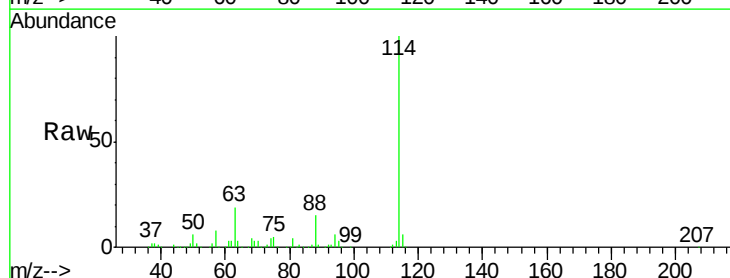
Tgt Ion: 114 Resp: 411960

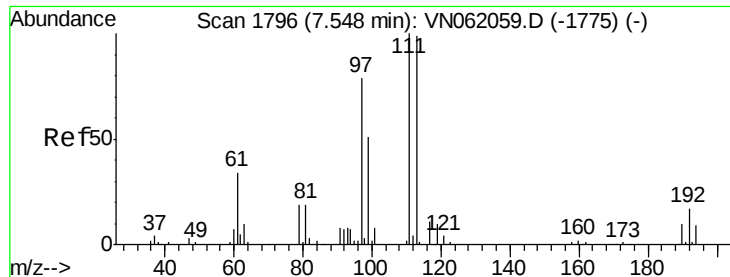
Ion Ratio Lower Upper

114 100

63 19.2 0.0 39.2

88 14.8 0.0 30.8





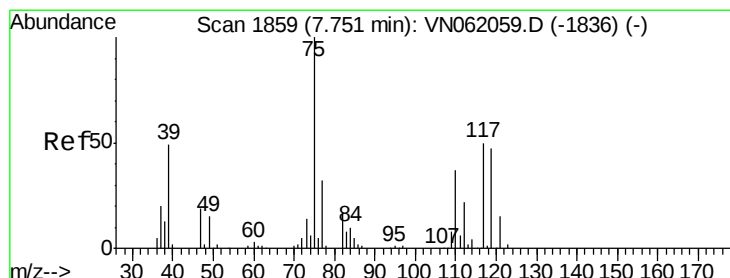
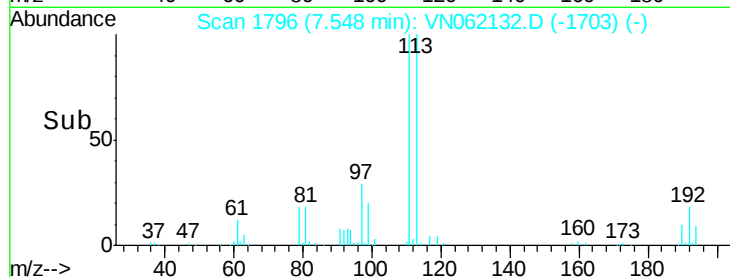
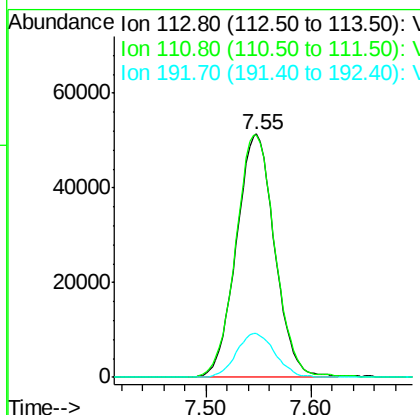
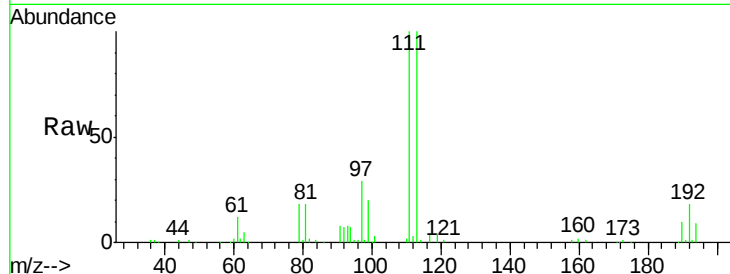
#35
 Dibromofluoromethane
 Concen: 49.024 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062132.D
 Acq: 26 Jun 2020 12:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0626MBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	129566		
111	102.0	82.2	123.4	
192	18.2	14.0	21.0	

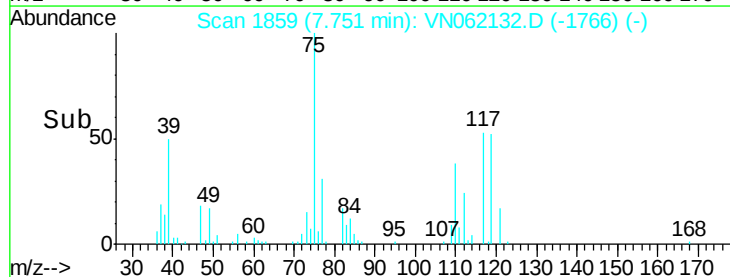
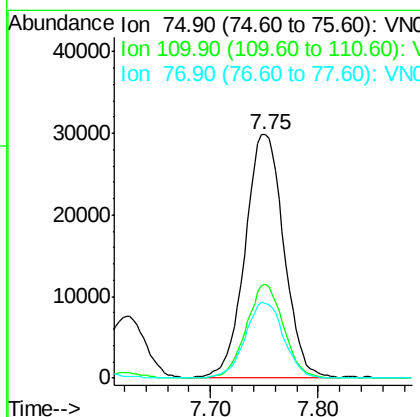
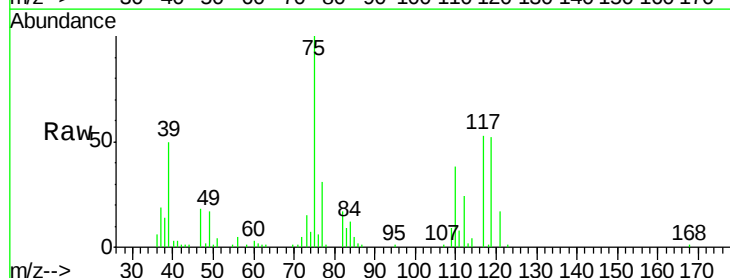
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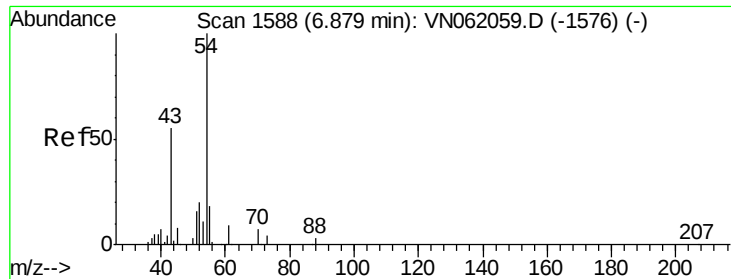
MMDadoda
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#36
 1,1-Dichloropropene
 Concen: 18.048 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN062132.D
 Acq: 26 Jun 2020 12:12

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	74735		
110	36.7	17.9	53.8	
77	30.7	24.9	37.3	





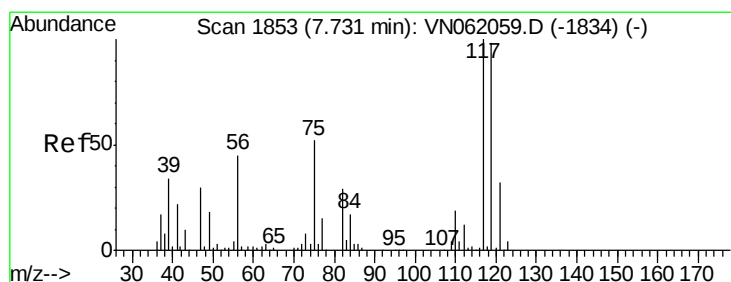
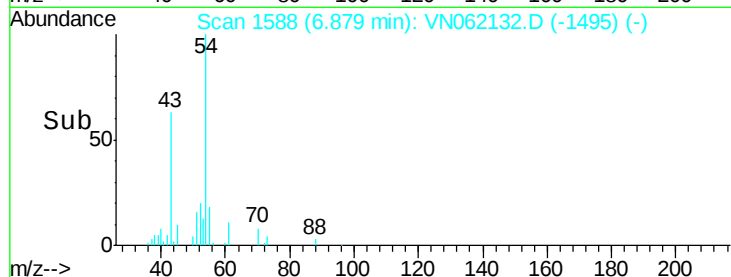
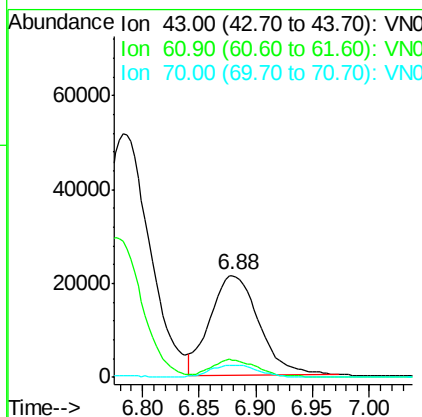
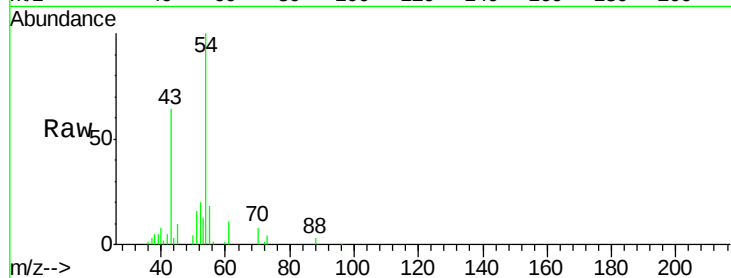
#37
Ethyl Acetate
Concen: 18.689 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.00 min
Lab File: VN062132.D
Acq: 26 Jun 2020 12:12

Instrument :
MSVOA_N
ClientSampleId :
VN0626MBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.7	12.0	18.0
70	11.9	9.6	14.4

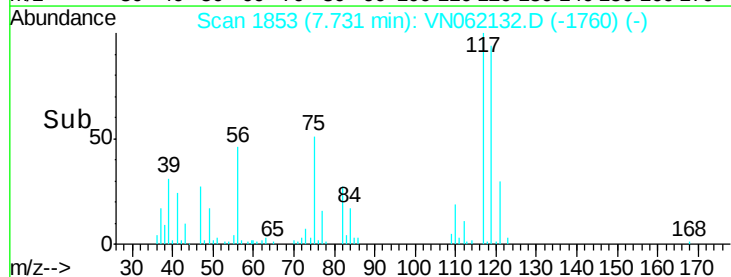
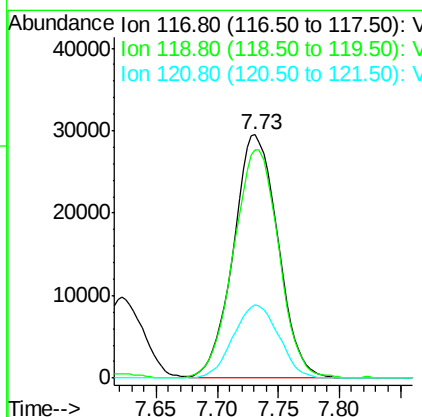
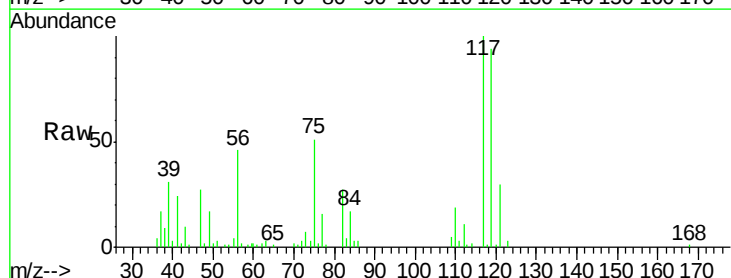
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#38
Carbon Tetrachloride
Concen: 19.142 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062132.D
Acq: 26 Jun 2020 12:12

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.4	78.2	117.2
121	29.9	25.8	38.6





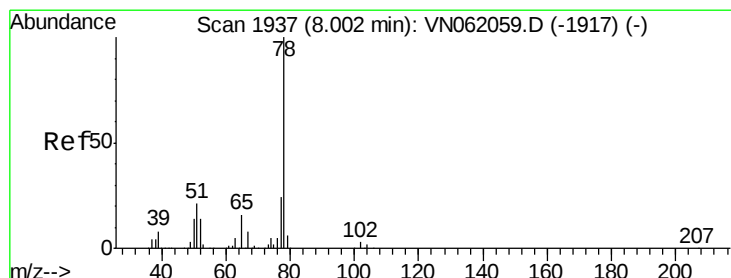
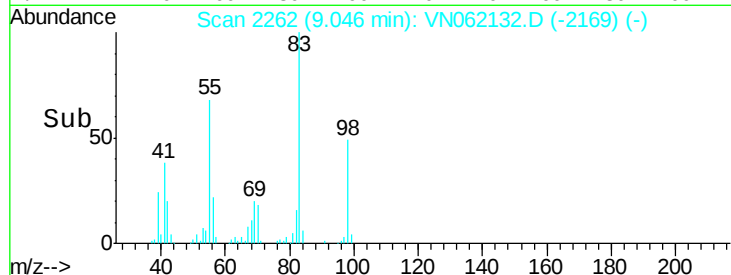
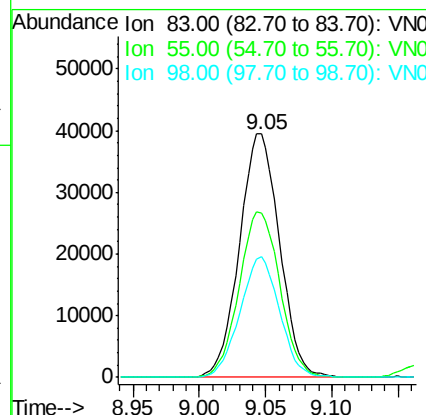
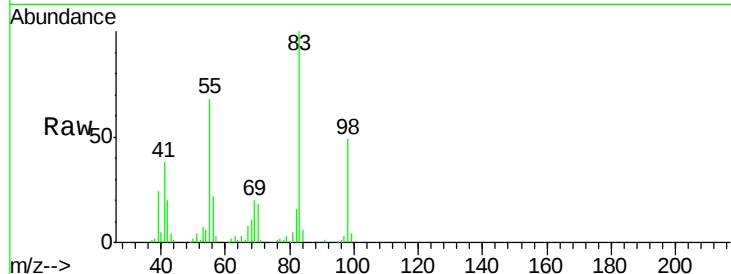
#39
Methvlcvclohexane
Concen: 18.297 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062132.D
Acq: 26 Jun 2020 12:12

Instrument :
MSVOA_N
ClientSampleId :
VN0626MBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	67.6	57.0	85.6
98	49.4	39.0	58.6

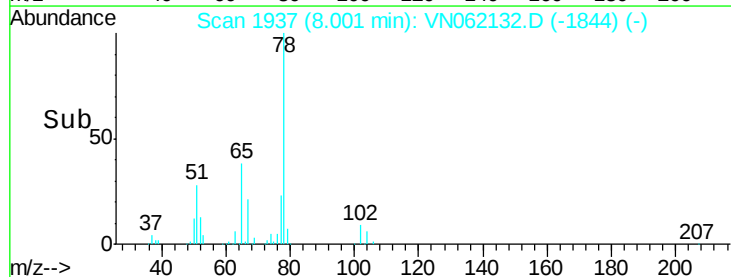
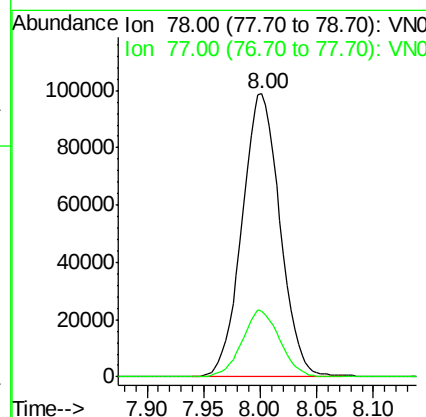
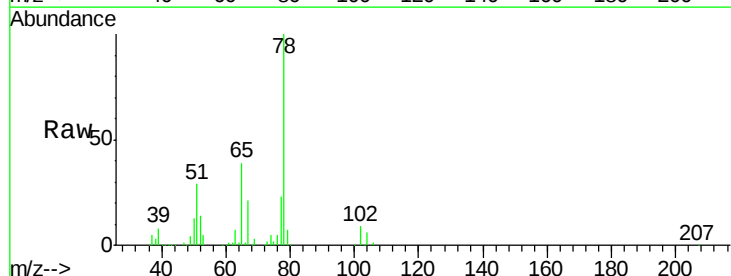
Manual Integrations
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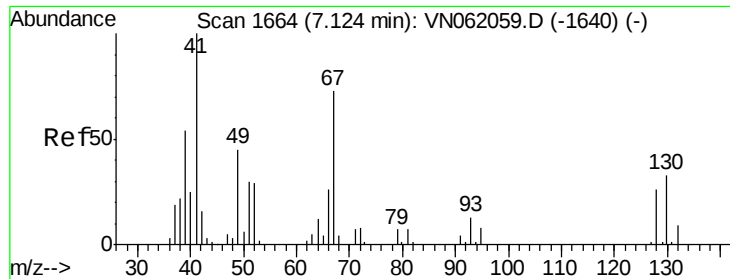
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#40
Benzene
Concen: 18.323 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062132.D
Acq: 26 Jun 2020 12:12

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.5	29.3





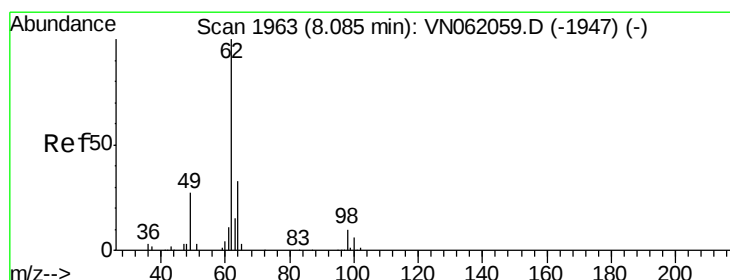
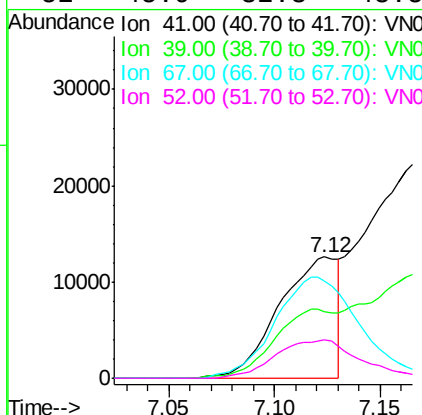
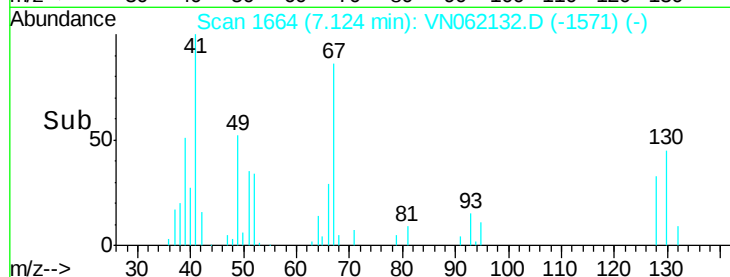
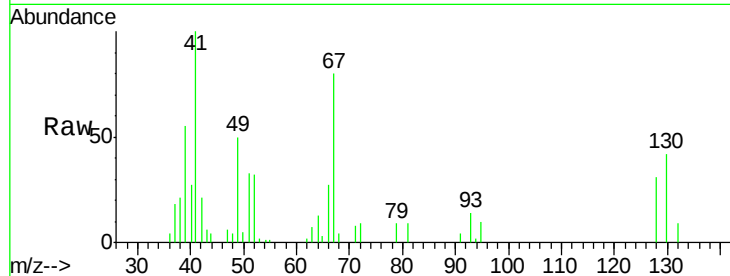
#41
Methacrylonitrile
Concen: 15.351 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. -0.00 min
Lab File: VN062132.D
Acq: 26 Jun 2020 12:12

Instrument :
MSVOA_N
ClientSampleId :
VN0626MBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	54.6	44.2	66.2
67	121.9	79.5	119.3
52	45.9	32.3	48.5

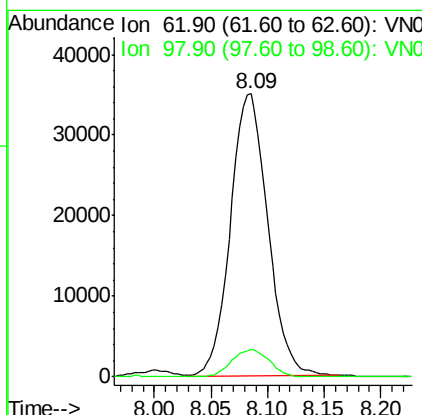
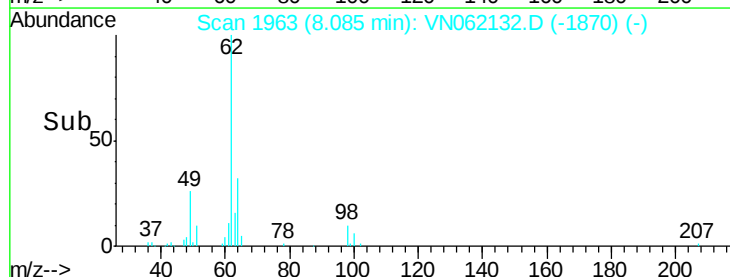
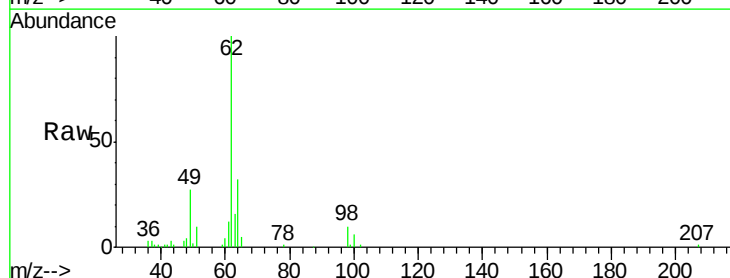
Manual Integrations
APPROVED

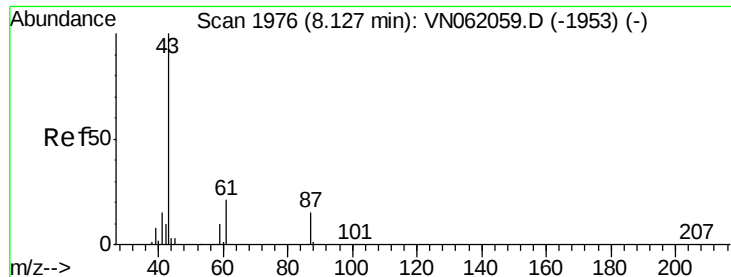
MMDadoda
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#42
1,2-Dichloroethane
Concen: 18.889 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062132.D
Acq: 26 Jun 2020 12:12

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	19.8





#43

Isopropyl Acetate

Concen: 19.160 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.00 min

Lab File: VN062132.D

Acq: 26 Jun 2020 12:12

Instrument :

MSVOA_N

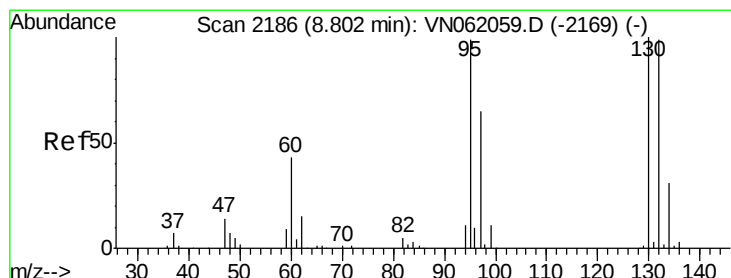
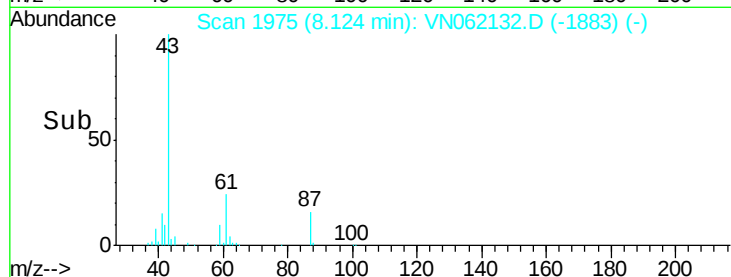
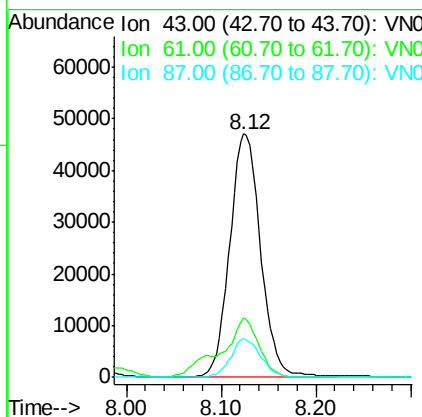
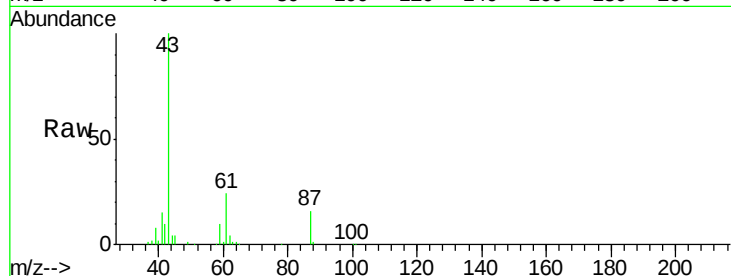
ClientSampleId :

VN0626MBS01

Tot Ion:	43	Resp:	107094
Ion	Ratio	Lower	Upper
43	100		
61	21.3	17.2	25.8
87	15.3	12.1	18.1

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#44

Trichloroethene

Concen: 19.073 ug/l

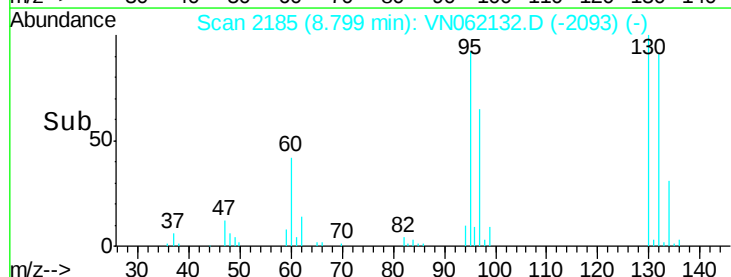
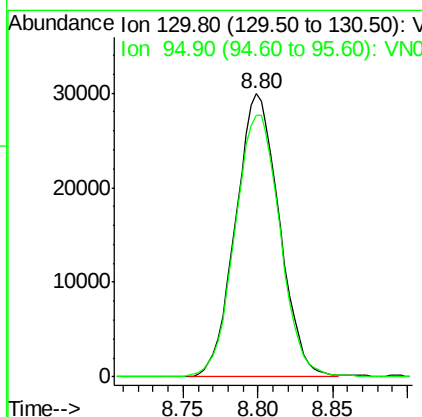
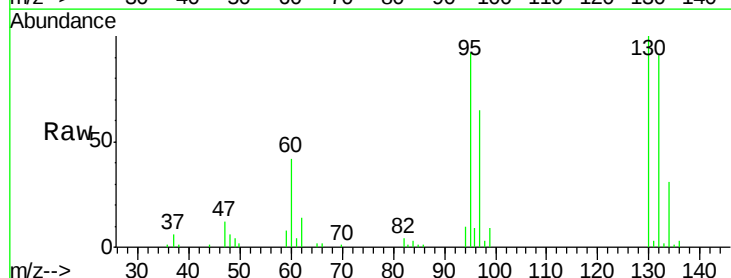
RT: 8.80 min Scan# 2185

Delta R.T. -0.00 min

Lab File: VN062132.D

Acq: 26 Jun 2020 12:12

Tgt Ion:	130	Resp:	60723
Ion	Ratio	Lower	Upper
130	100		
95	91.9	0.0	197.8





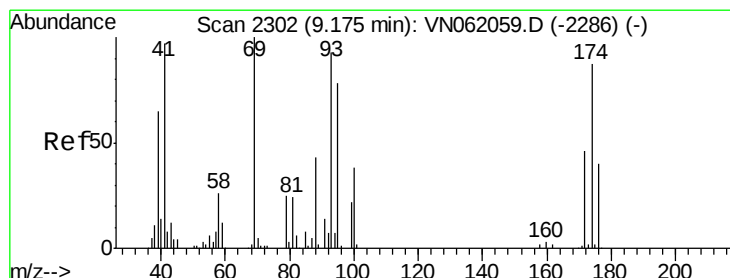
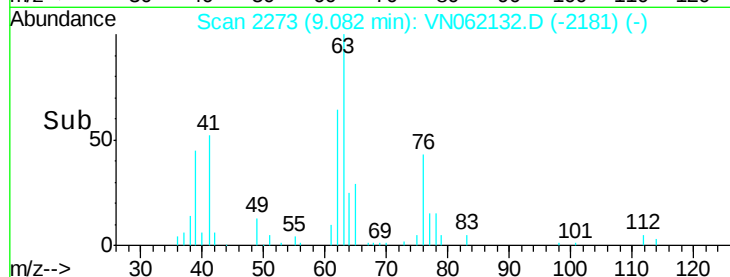
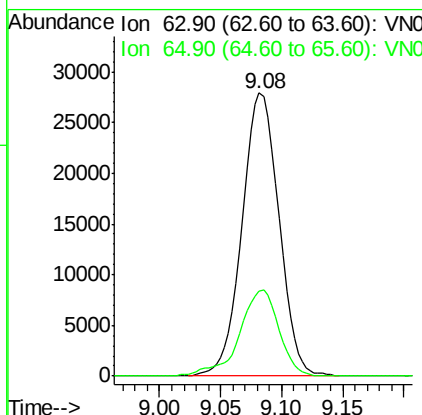
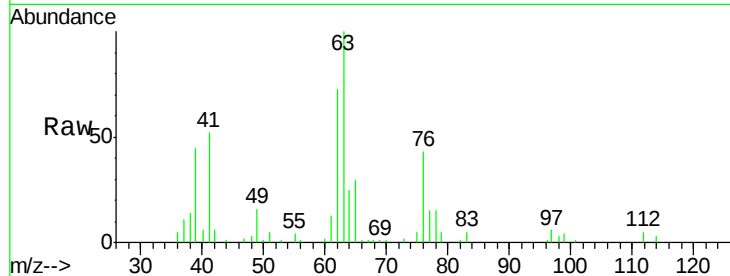
#45
 1,2-Dichloropropane
 Concen: 18.738 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: VN062132.D
 Acq: 26 Jun 2020 12:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0626MBS01

Tot Ion: 63 Resp: 58345
 Ion Ratio Lower Upper
 63 100
 65 30.2 25.0 37.4

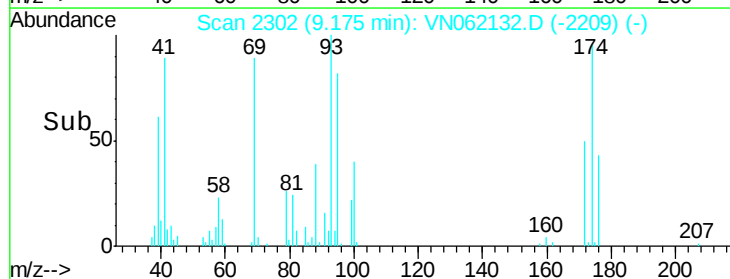
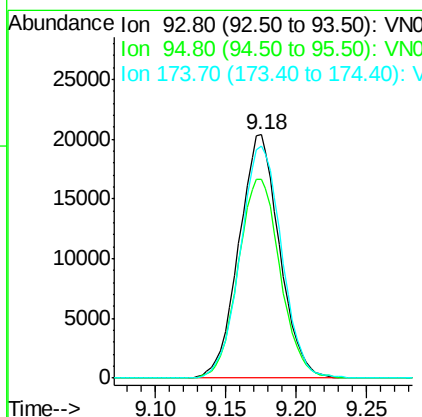
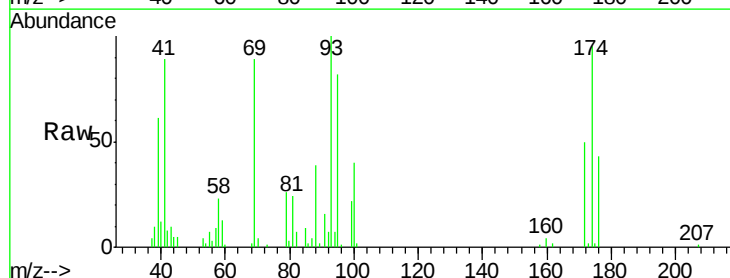
Manual Integrations
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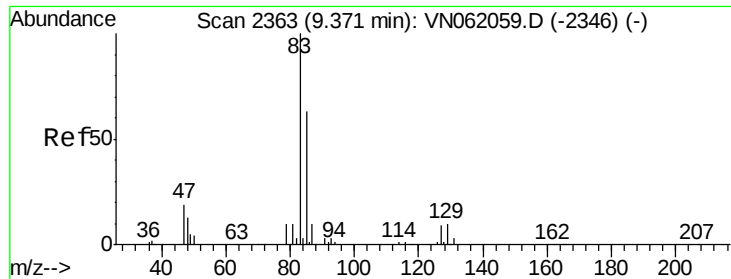
MMDadoda
 6/29/2020 12:35:31 PM



#46
 Dibromomethane
 Concen: 19.416 ug/l
 RT: 9.18 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN062132.D
 Acq: 26 Jun 2020 12:12

Tgt Ion: 93 Resp: 40989
 Ion Ratio Lower Upper
 93 100
 95 84.6 67.0 100.6
 174 97.3 74.4 111.6





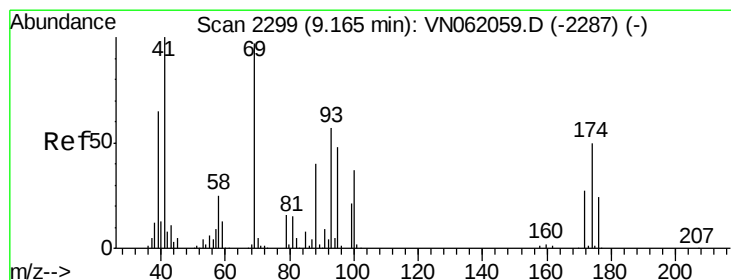
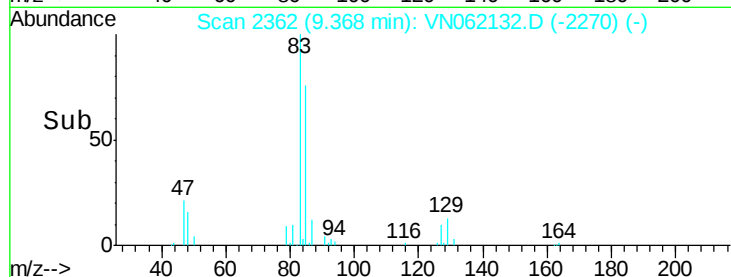
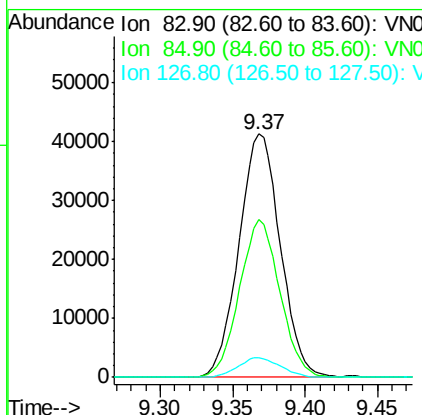
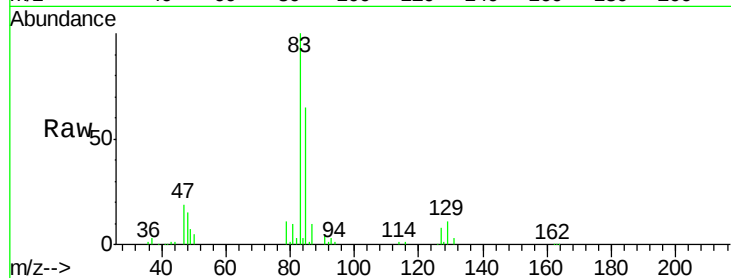
#47
Bromodichloromethane
Concen: 19.262 ug/l
RT: 9.37 min Scan# 2362
Delta R.T. -0.00 min
Lab File: VN062132.D
Acq: 26 Jun 2020 12:12

Instrument :
MSVOA_N
ClientSampleId :
VN0626MBS01

Tot Ion	Ratio	Lower	Upper
83	100		
85	64.6	50.3	75.5
127	8.2	6.9	10.3

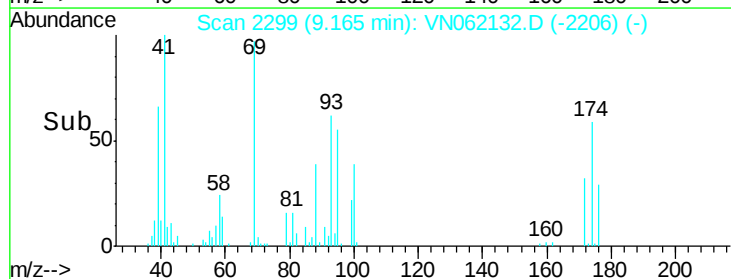
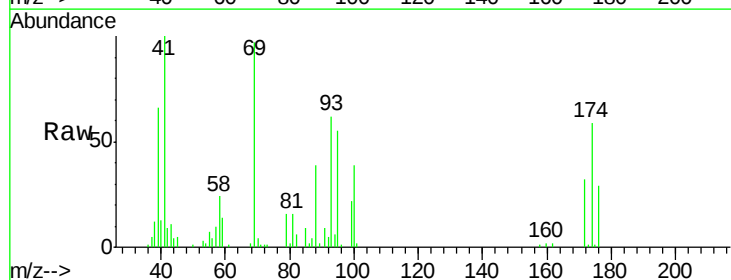
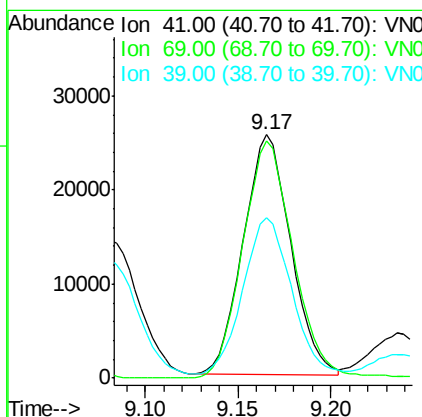
Manual Integrations
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#48
Methyl methacrylate
Concen: 18.100 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062132.D
Acq: 26 Jun 2020 12:12

Tgt Ion	Ratio	Lower	Upper
41	100		
69	105.7	80.7	121.1
39	69.5	54.5	81.7





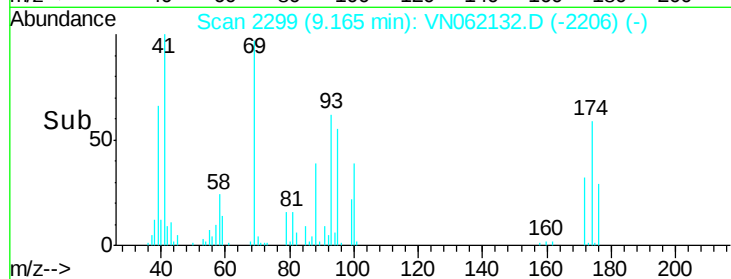
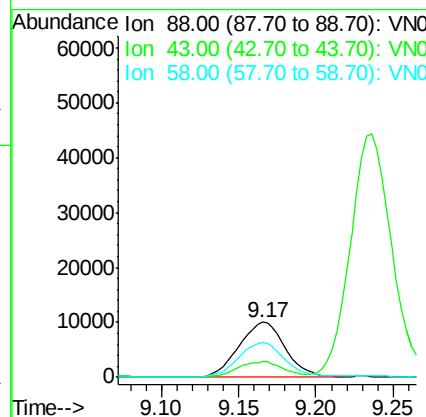
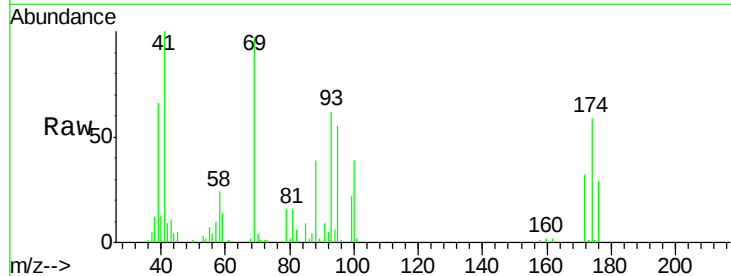
#49
1,4-Dioxane
Concen: 377.039 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062132.D
Acq: 26 Jun 2020 12:12

Instrument :
MSVOA_N
ClientSampleId :
VN0626MBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	28.7	22.0	33.0
58	63.0	49.2	73.8

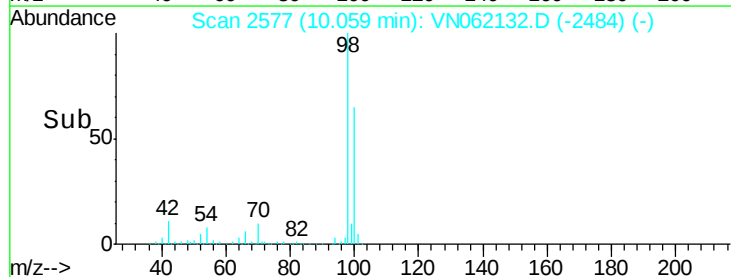
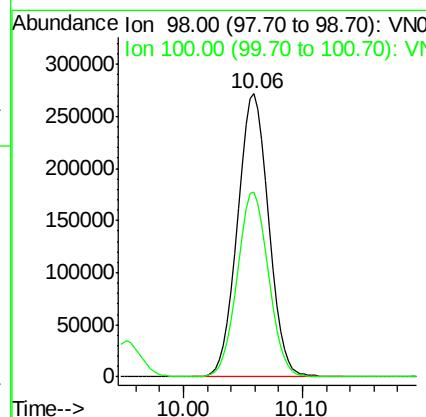
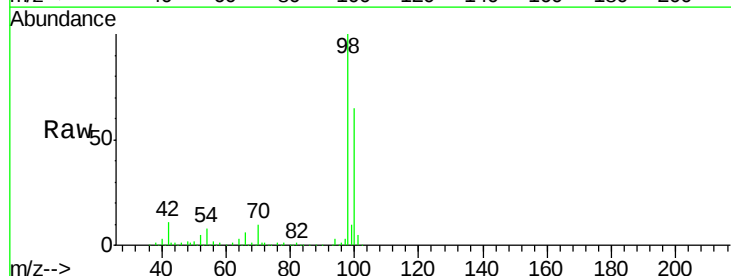
Manual Integrations
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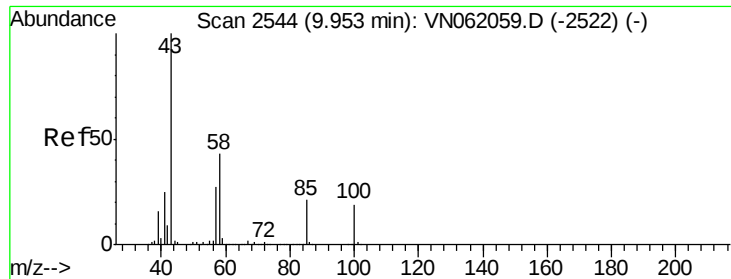
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#50
Toluene-d8
Concen: 46.771 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062132.D
Acq: 26 Jun 2020 12:12

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.3	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 97.650 ug/l

RT: 9.95 min Scan# 2543

Delta R.T. -0.00 min

Lab File: VN062132.D

Acq: 26 Jun 2020 12:12

Instrument :

MSVOA_N

ClientSampled :

VN0626MBS01

Tot Ion: 43 Resp: 318899

Ion Ratio Lower Upper

43 100

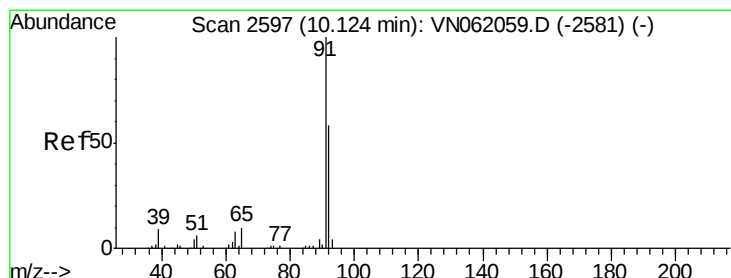
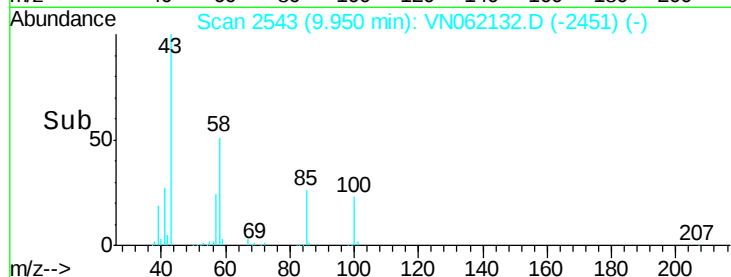
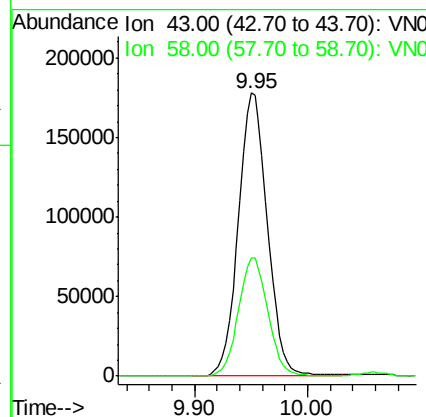
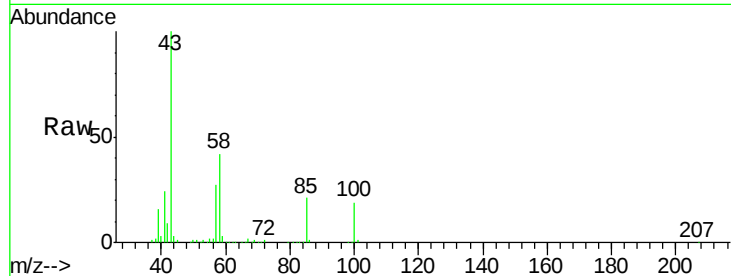
58 42.3 34.2 51.2

Manual Integrations

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#52

Toluene

Concen: 19.005 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062132.D

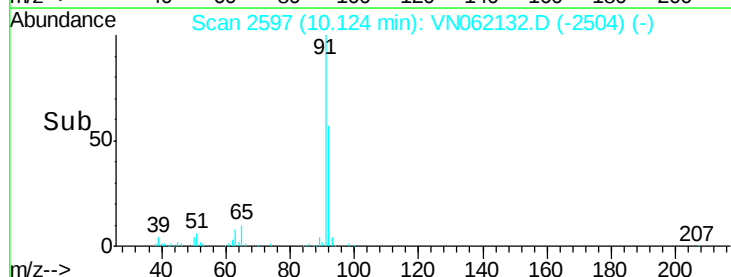
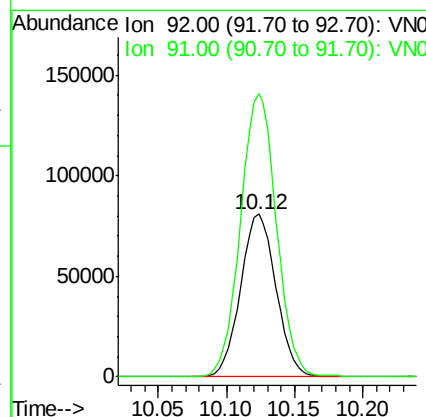
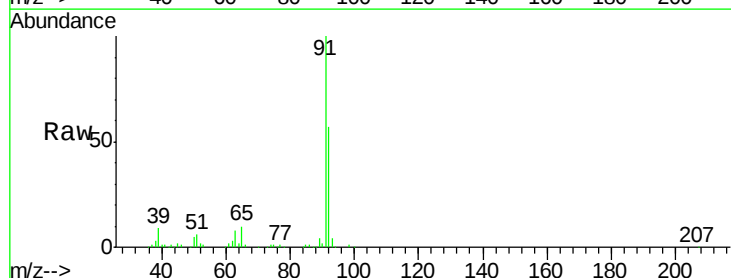
Acq: 26 Jun 2020 12:12

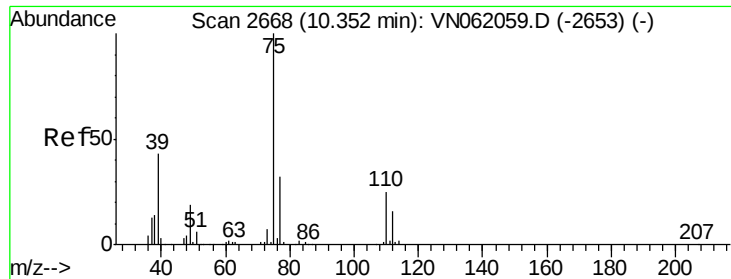
Tgt Ion: 92 Resp: 146355

Ion Ratio Lower Upper

92 100

91 175.9 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 18.871 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN062132.D

Acq: 26 Jun 2020 12:12

Instrument :

MSVOA_N

ClientSampled :

VN0626MBS01

Tot Ion: 75 Resp: 88498

Ion Ratio Lower Upper

75 100

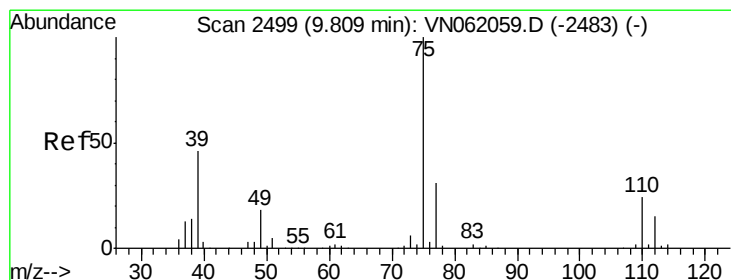
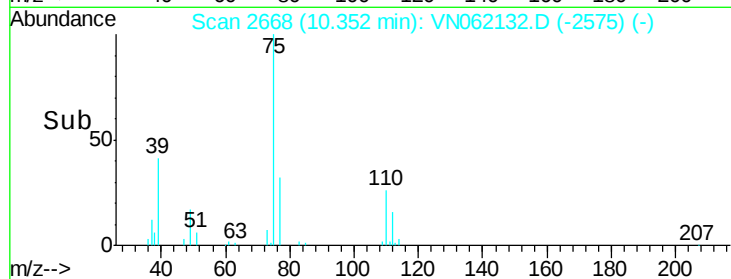
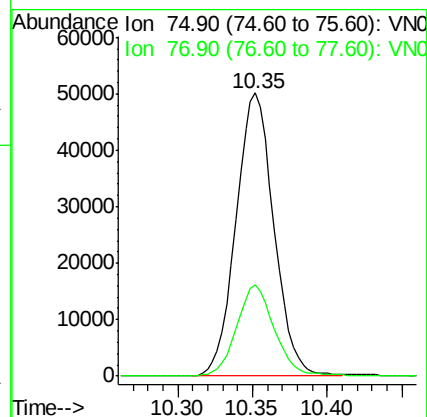
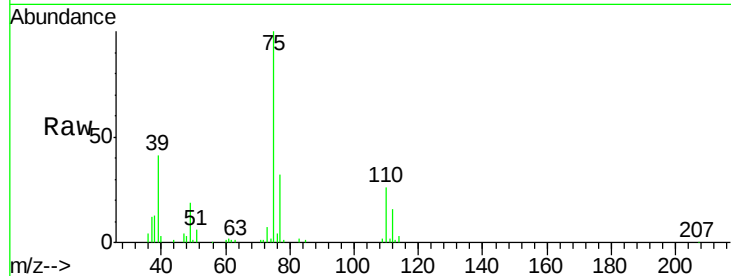
77 32.1 25.5 38.3

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 19.340 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN062132.D

Acq: 26 Jun 2020 12:12

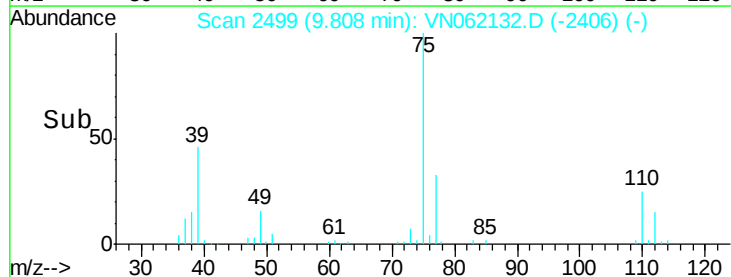
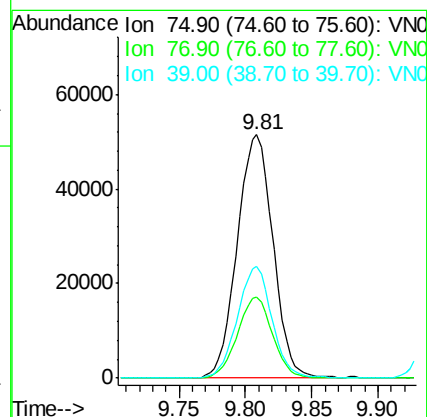
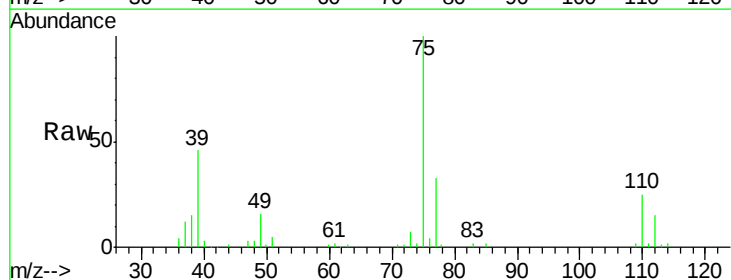
Tgt Ion: 75 Resp: 96558

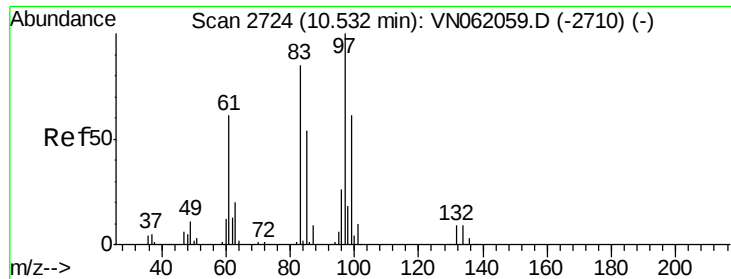
Ion Ratio Lower Upper

75 100

77 33.3 25.0 37.6

39 45.7 36.9 55.3





#55

1,1,2-Trichloroethane

Concen: 20.056 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.00 min

Lab File: VN062132.D

Acq: 26 Jun 2020 12:12

Instrument :

MSVOA_N

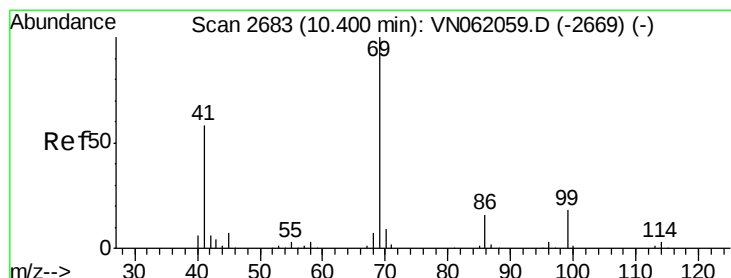
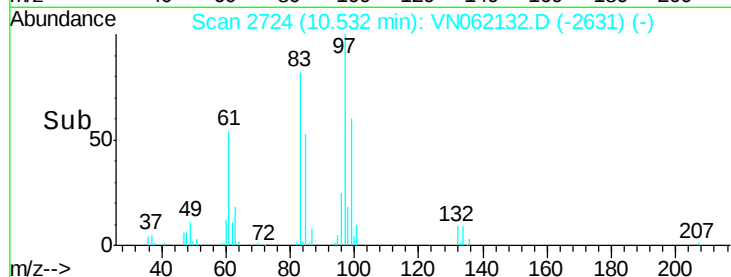
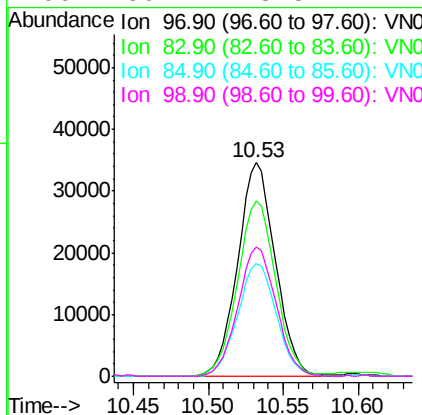
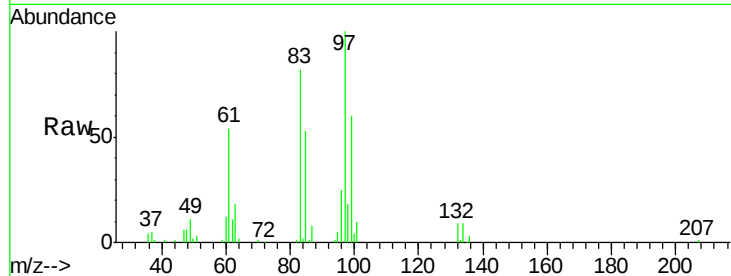
ClientSampleId :

VN0626MBS01

Tot Ion:	97	Resp:	60710
Ion	Ratio	Lower	Upper
97	100		
83	81.8	68.2	102.2
85	52.7	43.2	64.8
99	60.4	48.5	72.7

Manual Integrations
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#56

Ethyl methacrylate

Concen: 19.504 ug/l

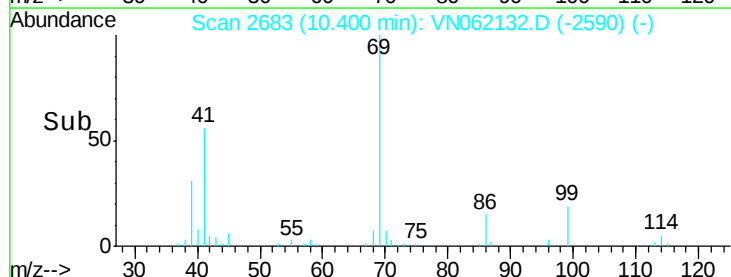
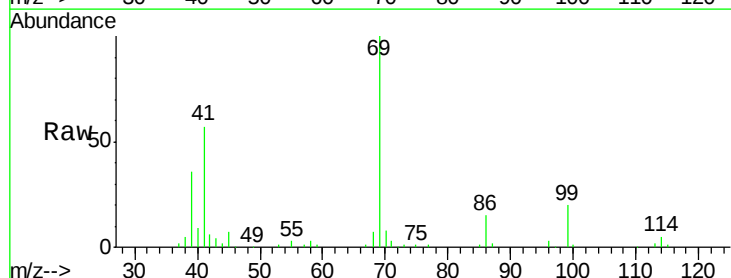
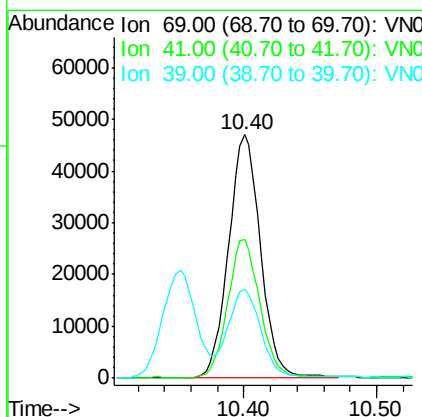
RT: 10.40 min Scan# 2683

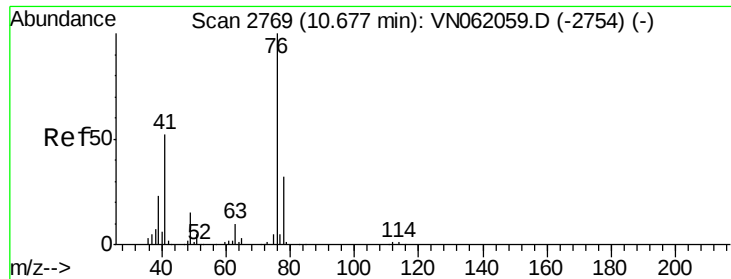
Delta R.T. -0.00 min

Lab File: VN062132.D

Acq: 26 Jun 2020 12:12

Tgt Ion:	69	Resp:	78790
Ion	Ratio	Lower	Upper
69	100		
41	57.7	46.6	70.0
39	36.4	31.0	46.4





#57

1,3-Dichloropropane

Concen: 19.550 ug/l

RT: 10.68 min Scan# 2769

Delta R.T. -0.00 min

Lab File: VN062132.D

Acq: 26 Jun 2020 12:12

Instrument :

MSVOA_N

ClientSampleId :

VN0626MBS01

Tot Ion: 76 Resp: 101861

Ion Ratio Lower Upper

76 100

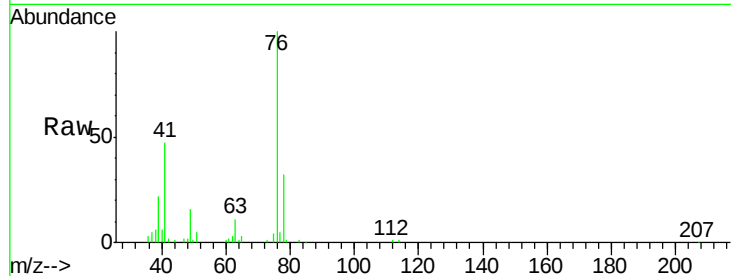
78 31.7 25.8 38.8

Manual Integrations

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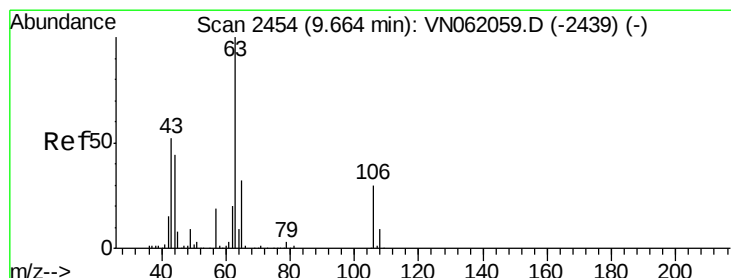
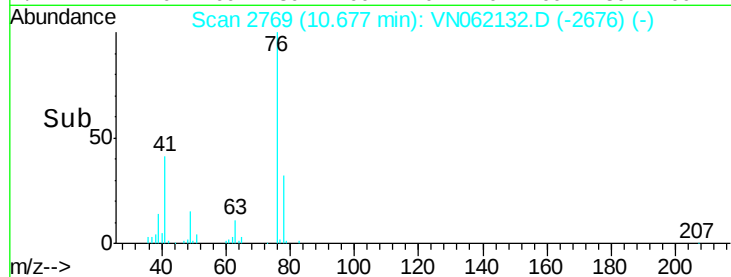
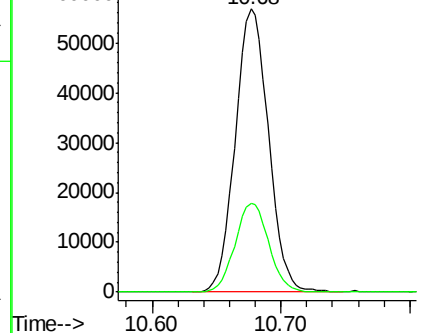
MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 88.973 ug/l

RT: 9.66 min Scan# 2454

Delta R.T. 0.00 min

Lab File: VN062132.D

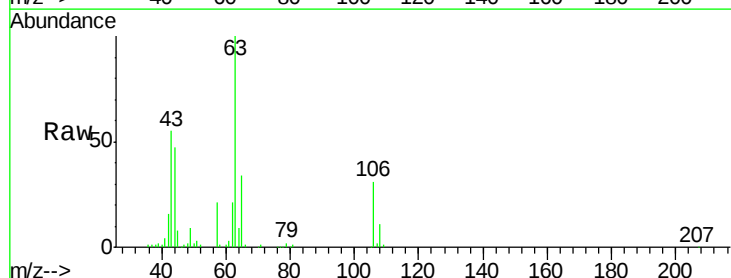
Acq: 26 Jun 2020 12:12

Tgt Ion: 63 Resp: 133963

Ion Ratio Lower Upper

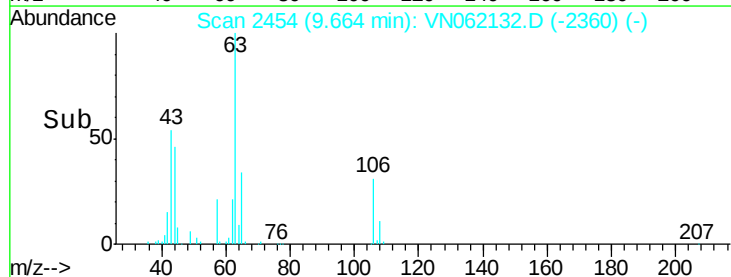
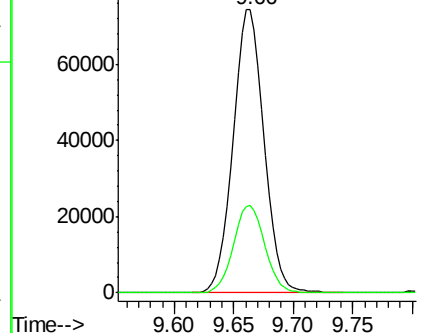
63 100

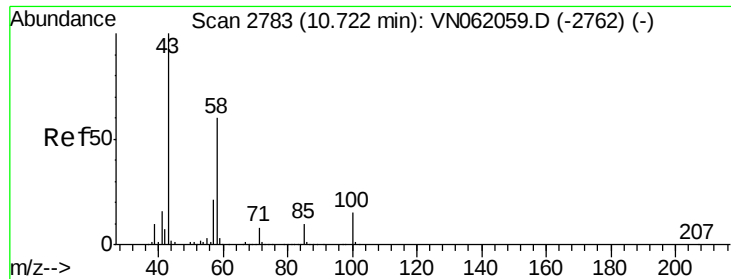
106 31.1 23.2 34.8



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V





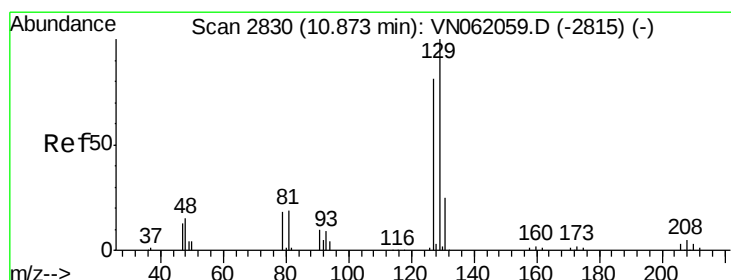
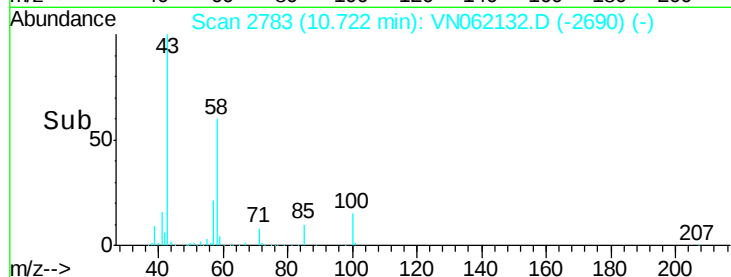
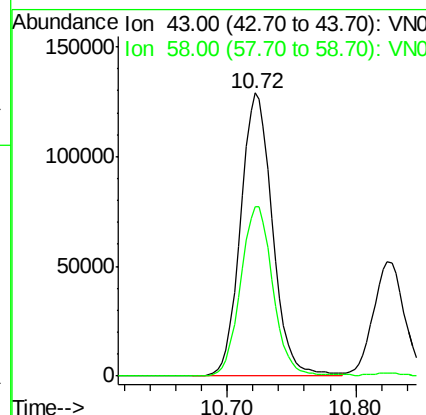
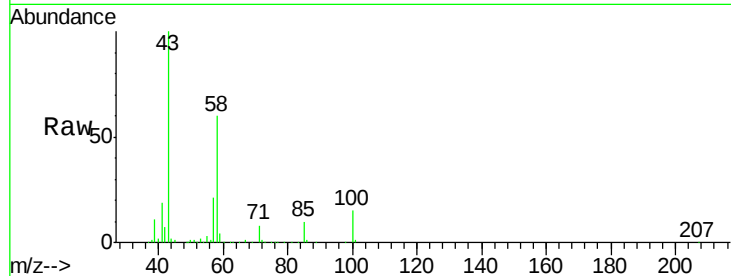
#59
2-Hexanone
Concen: 94.334 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN062132.D
Acq: 26 Jun 2020 12:12

Instrument :
MSVOA_N
ClientSampleId :
VN0626MBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	60.7	29.5	88.5

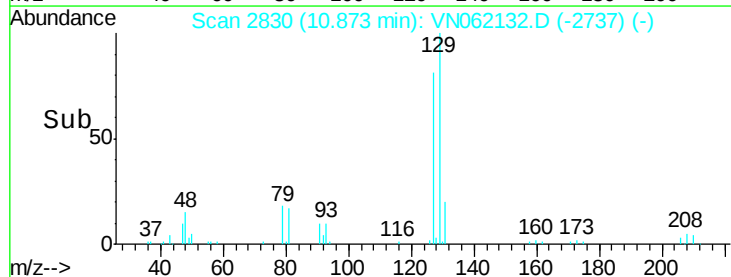
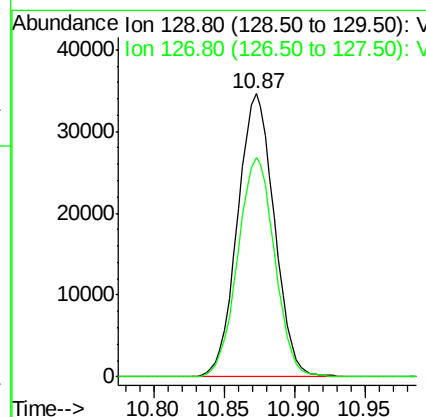
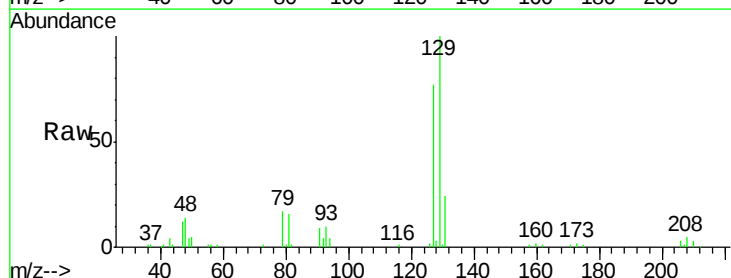
Manual Integrations
APPROVED

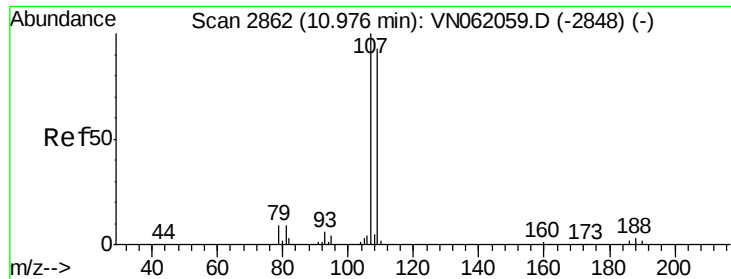
MMDadoda
6/29/2020 12:35:31 PM



#60
Dibromochloromethane
Concen: 19.721 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062132.D
Acq: 26 Jun 2020 12:12

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.6	39.5	118.5





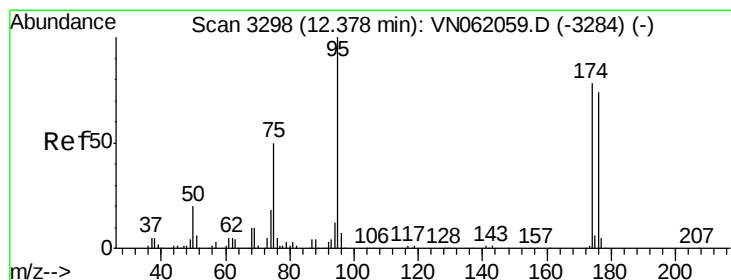
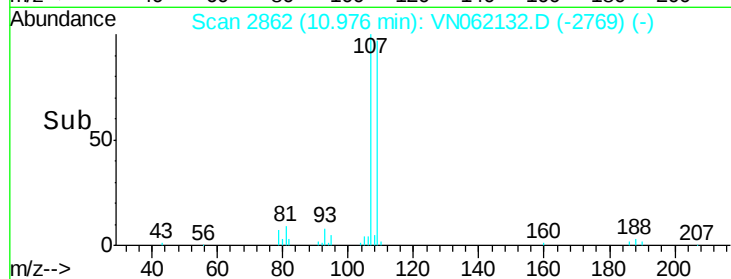
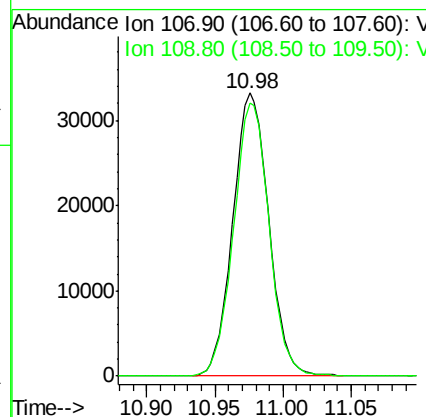
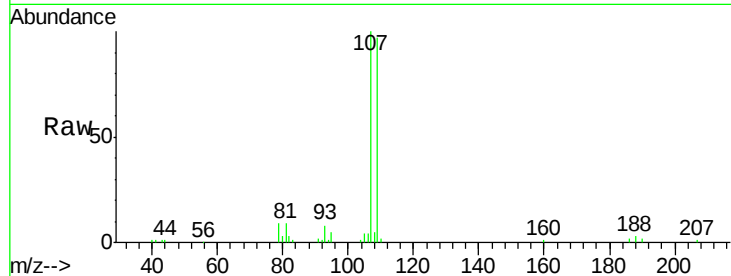
#61
 1,2-Dibromoethane
 Concen: 19.548 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN062132.D
 Acq: 26 Jun 2020 12:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0626MBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.3	75.0	112.6

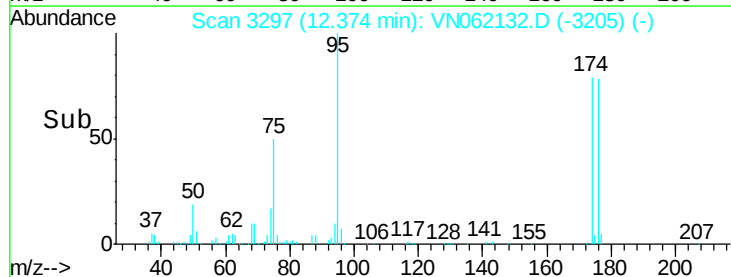
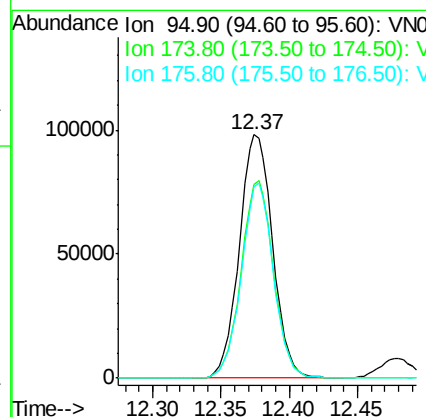
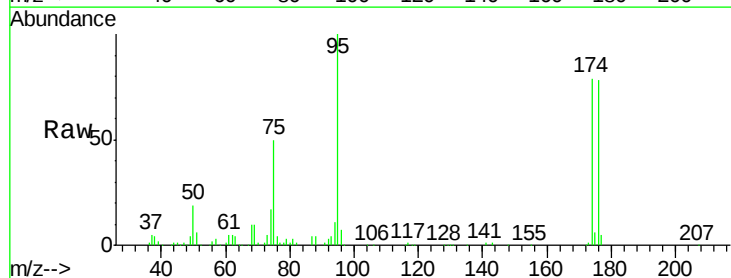
Manual Integrations
 APPROVED

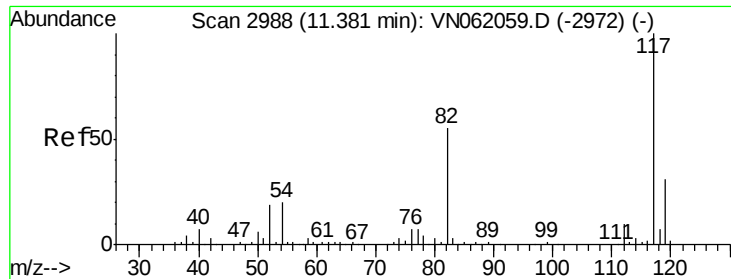
MMDadoda
 6/29/2020 12:35:31 PM



#62
 4-Bromofluorobenzene
 Concen: 46.491 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VN062132.D
 Acq: 26 Jun 2020 12:12

Tgt Ion	Ratio	Lower	Upper
95	100		
174	79.1	0.0	154.8
176	77.0	0.0	147.4





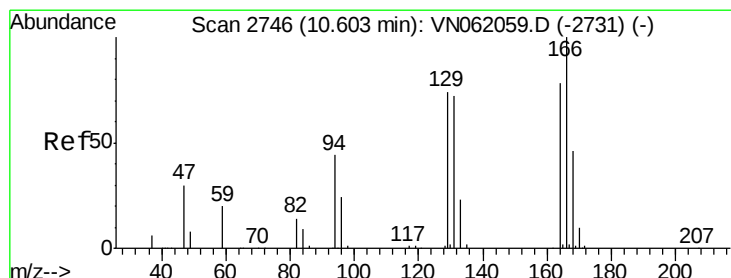
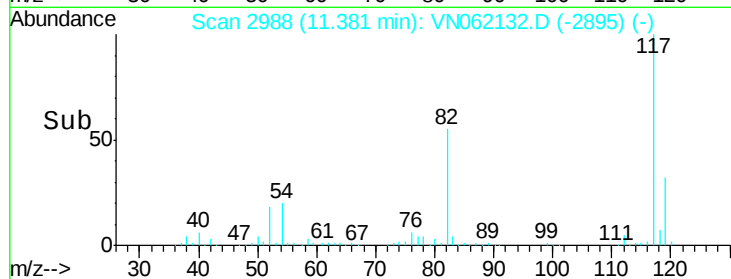
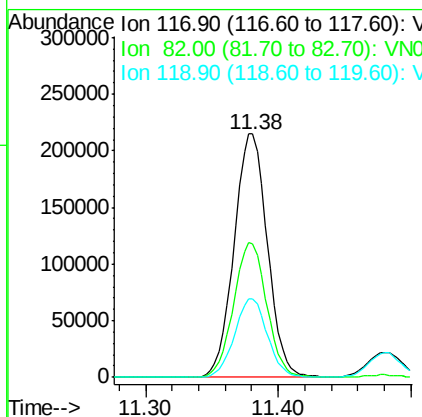
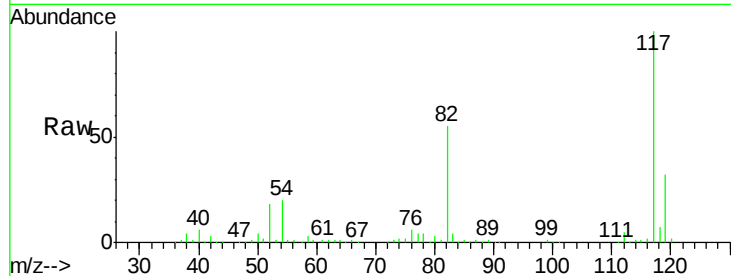
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062132.D
Acq: 26 Jun 2020 12:12

Instrument :
MSVOA_N
ClientSampleId :
VN0626MBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.9	43.8	65.8
119	32.4	25.2	37.8

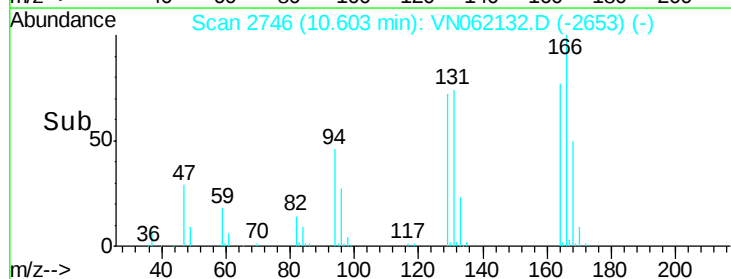
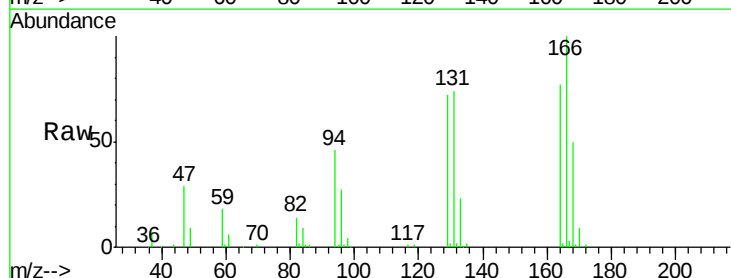
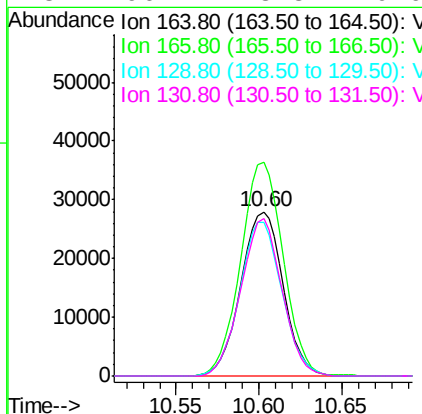
Manual Integrations
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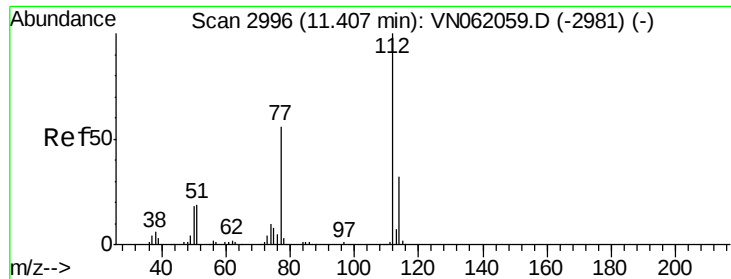
MMDadoda
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#64
Tetrachloroethene
Concen: 19.455 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062132.D
Acq: 26 Jun 2020 12:12

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.0	102.9	154.3
129	93.6	75.8	113.8
131	96.1	73.8	110.6





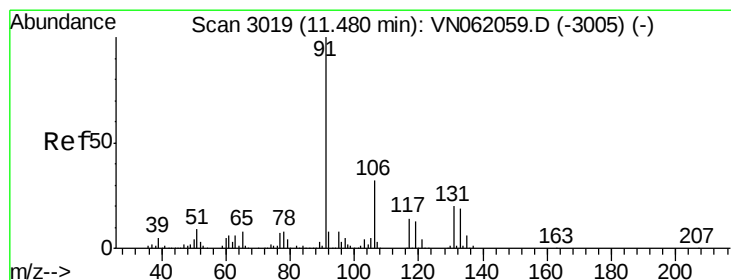
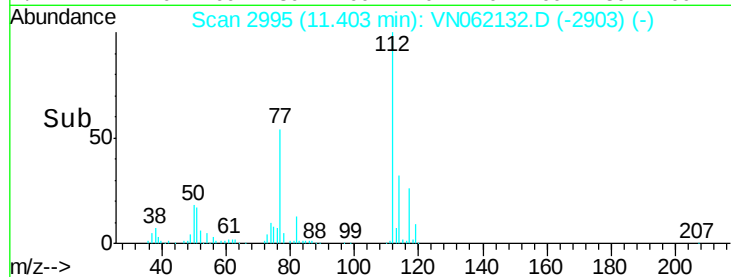
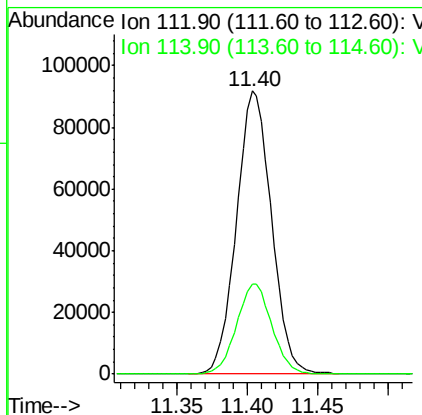
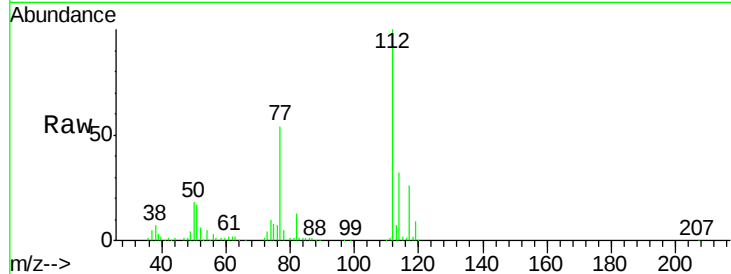
#65
Chlorobenzene
Concen: 19.372 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN062132.D
Acq: 26 Jun 2020 12:12

Instrument :
MSVOA_N
ClientSampled :
VN0626MBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.7	25.8	38.8

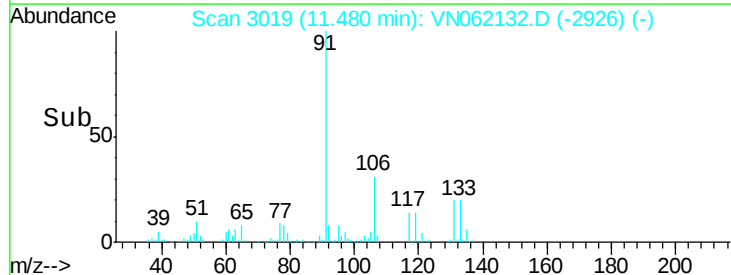
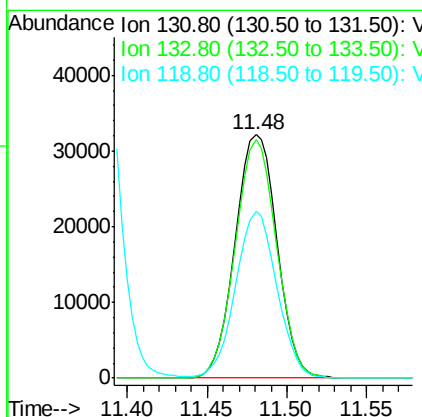
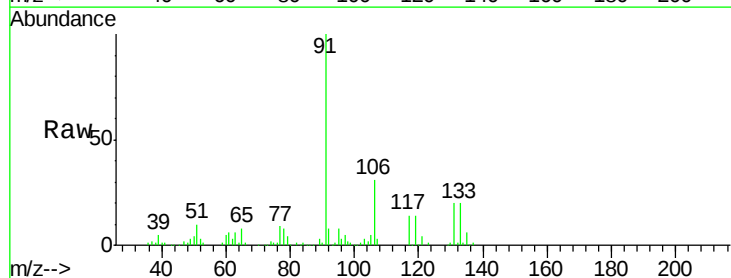
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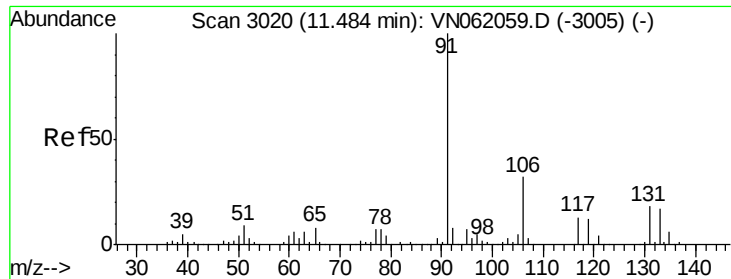
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.124 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062132.D
Acq: 26 Jun 2020 12:12

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.5	47.6	142.9
119	67.4	34.4	103.3





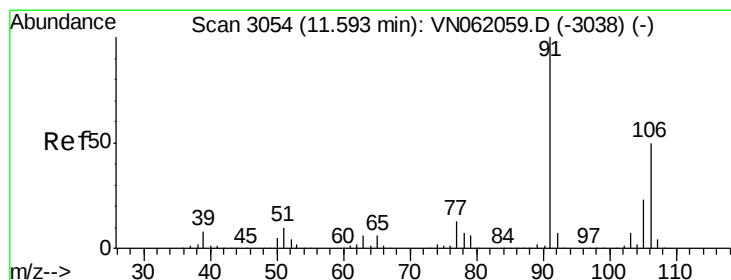
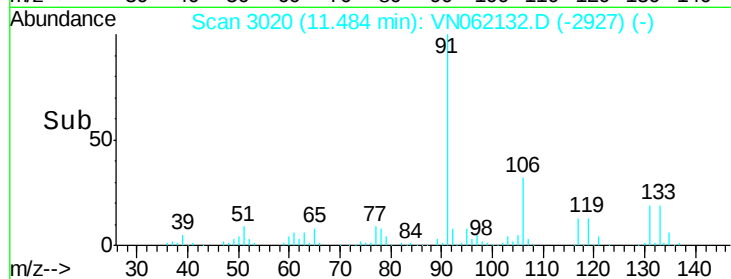
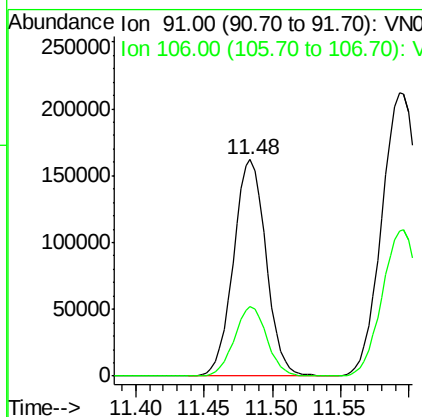
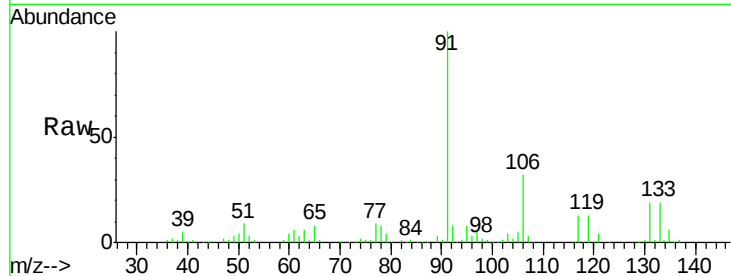
#67
Ethyl Benzene
Concen: 19.365 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062132.D
Acq: 26 Jun 2020 12:12

Instrument :
MSVOA_N
ClientSampleId :
VN0626MBS01

Tot Ion: 91 Resp: 269478
Ion Ratio Lower Upper
91 100
106 32.0 25.3 37.9

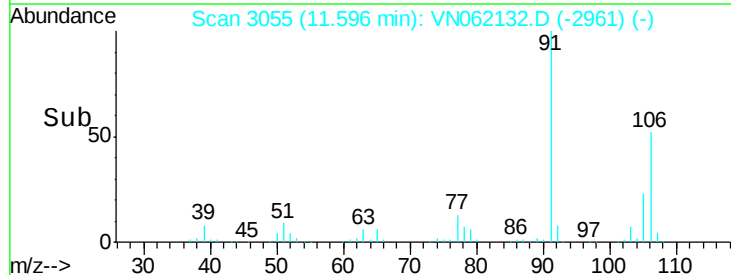
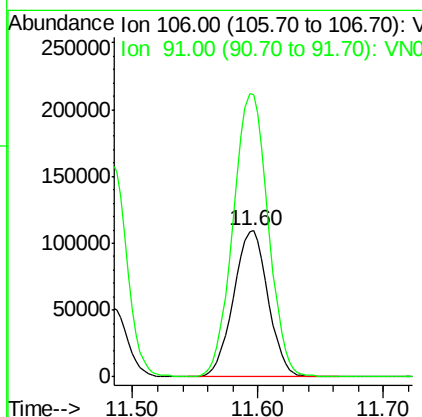
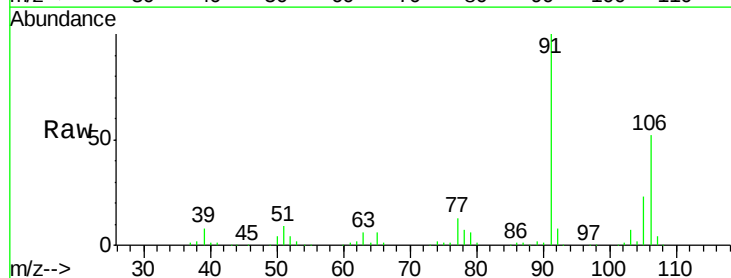
Manual Integrations
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#68
m/p-Xylenes
Concen: 38.950 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN062132.D
Acq: 26 Jun 2020 12:12

Tgt Ion: 106 Resp: 209642
Ion Ratio Lower Upper
106 100
91 195.2 157.8 236.8





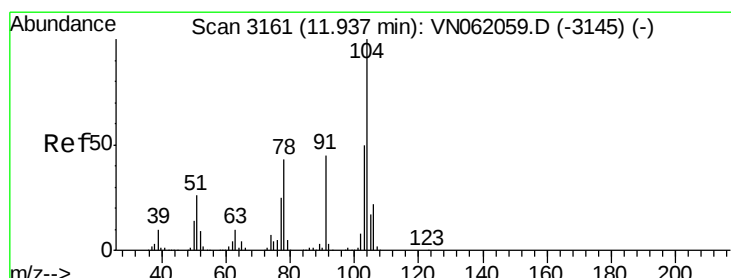
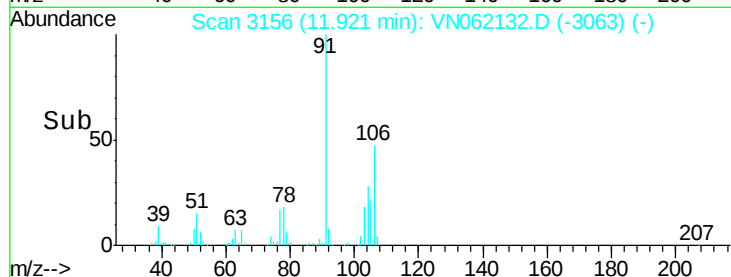
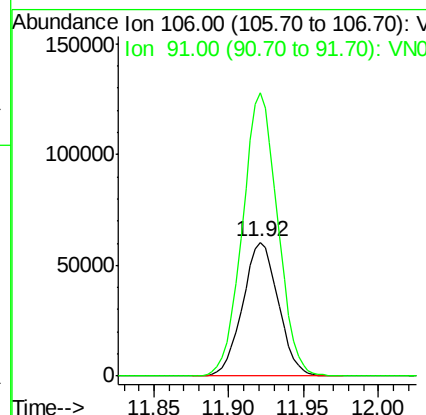
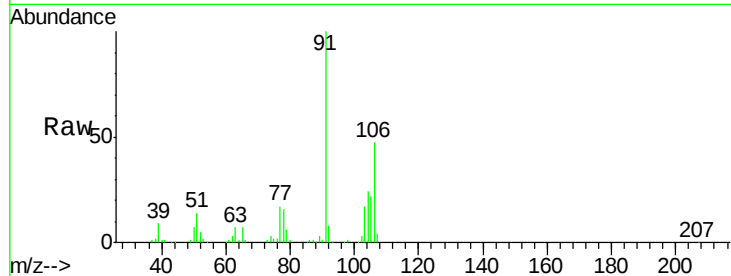
#69
o-Xylene
Concen: 19.725 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062132.D
Acq: 26 Jun 2020 12:12

Instrument :
MSVOA_N
ClientSampled :
VN0626MBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	208.9	104.0	311.9

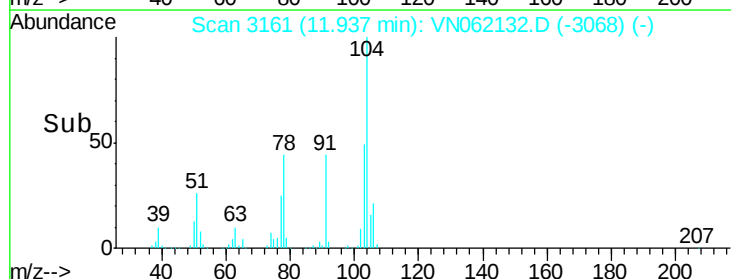
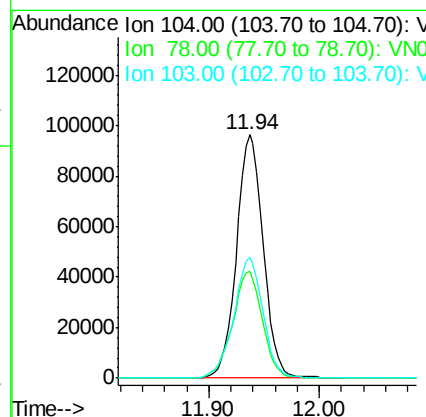
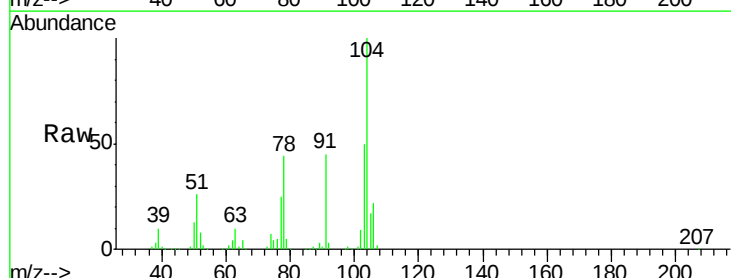
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#70
Styrene
Concen: 19.094 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062132.D
Acq: 26 Jun 2020 12:12

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.8	37.7	56.5
103	54.2	43.0	64.6





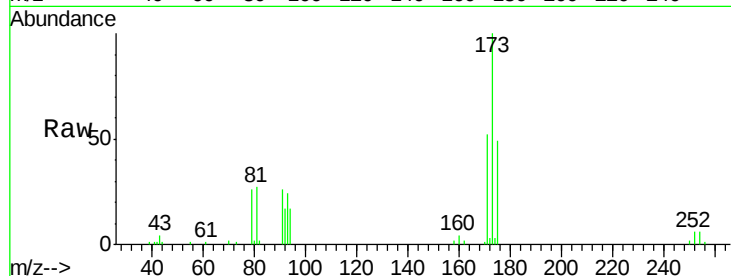
#71
Bromoform
Concen: 20.191 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. -0.00 min
Lab File: VN062132.D
Acq: 26 Jun 2020 12:12

Instrument :
MSVOA_N
ClientSampleId :
VN0626MBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	46.1	24.7	74.1
254	0.0	0.0	0.0

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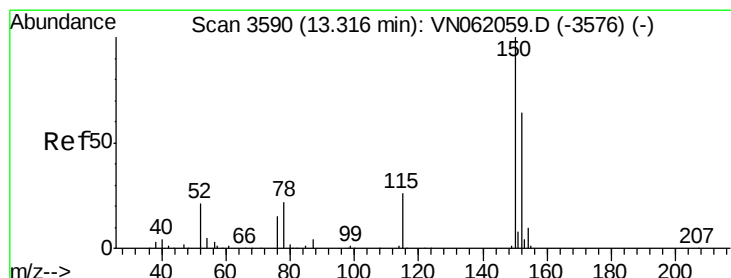
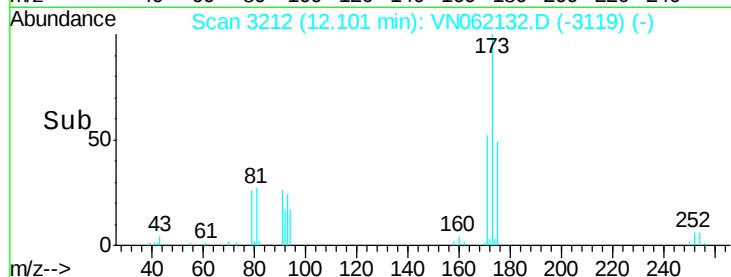
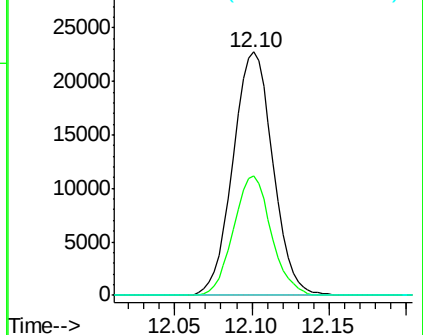


Abundance

Ion 172.70 (172.40 to 173.40): V

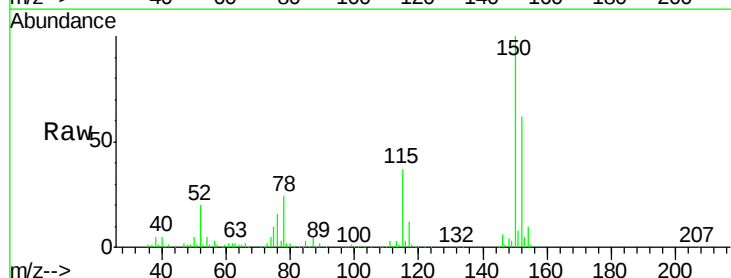
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3590
Delta R.T. -0.00 min
Lab File: VN062132.D
Acq: 26 Jun 2020 12:12

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.0	29.5	88.5
150	164.2	0.0	351.4

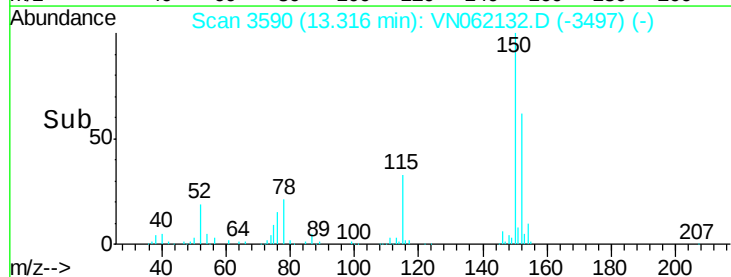
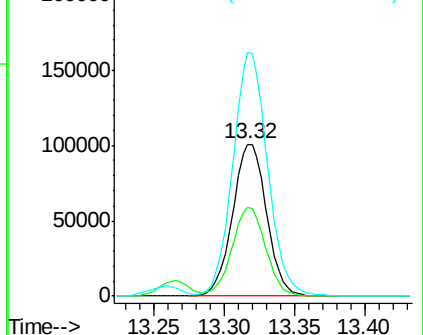


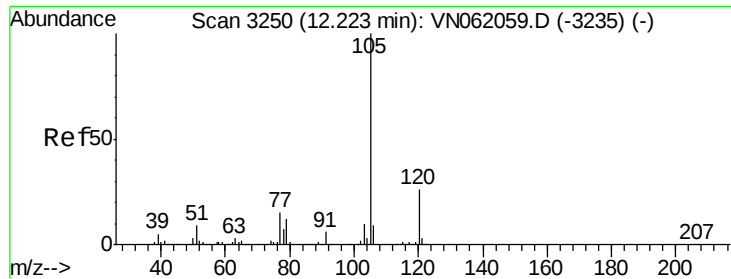
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.000 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062132.D

Acq: 26 Jun 2020 12:12

Instrument :

MSVOA_N

ClientSampleId :

VN0626MBS01

Tot Ion: 105 Resp: 263318

Ion Ratio Lower Upper

105 100

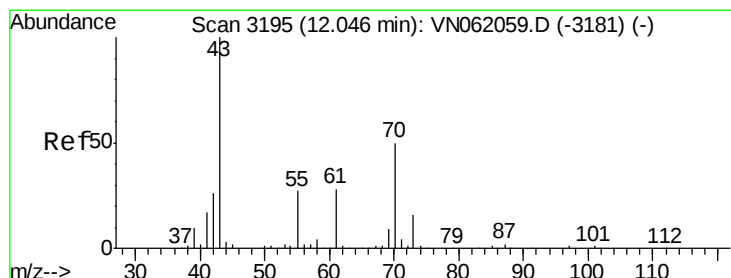
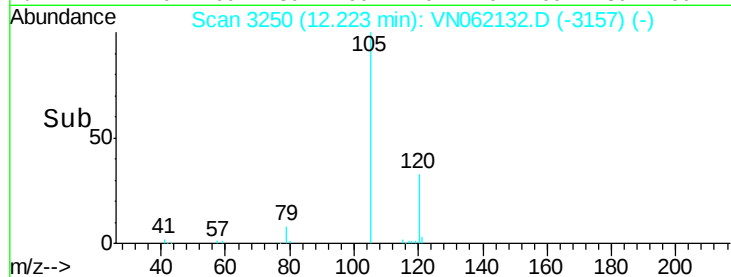
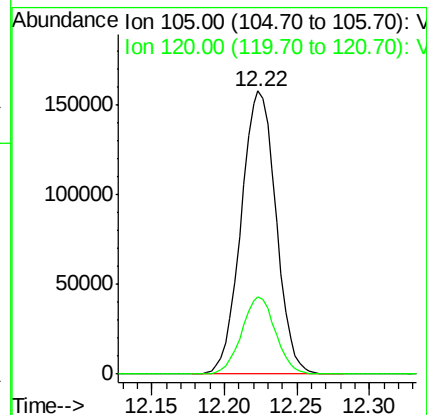
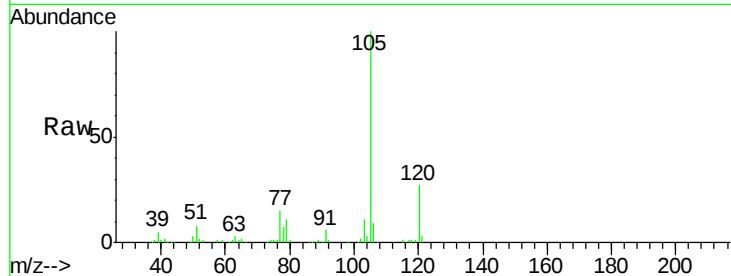
120 26.4 13.2 39.6

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#74

N-ethyl acetate

Concen: 19.059 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN062132.D

Acq: 26 Jun 2020 12:12

Tgt Ion: 43 Resp: 81628

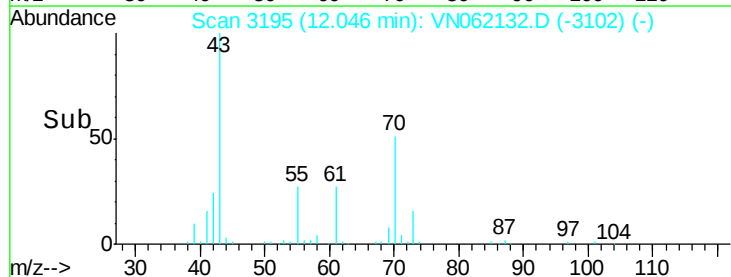
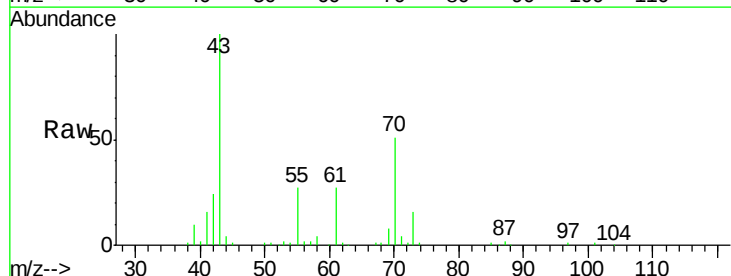
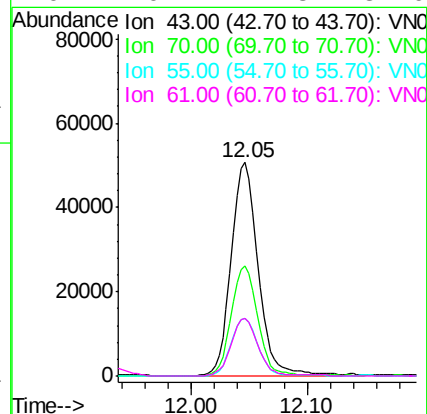
Ion Ratio Lower Upper

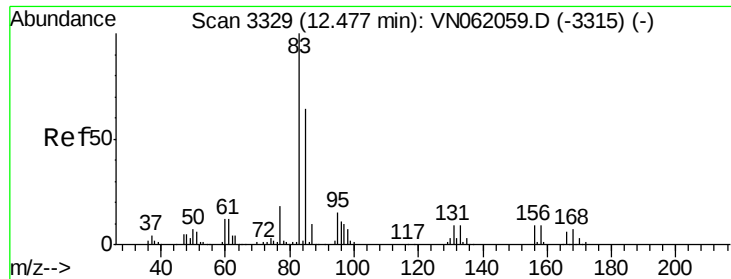
43 100

70 50.1 39.4 59.2

55 26.8 21.7 32.5

61 26.4 21.3 31.9





#75

1,1,2,2-Tetrachloroethane

Concen: 19.190 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN062132.D

Acq: 26 Jun 2020 12:12

Instrument :

MSVOA_N

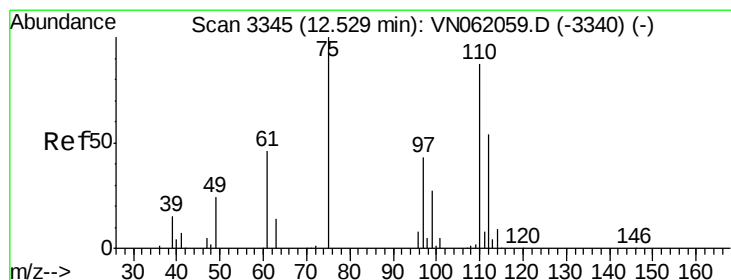
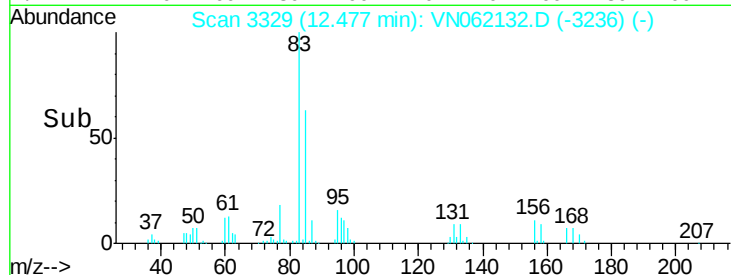
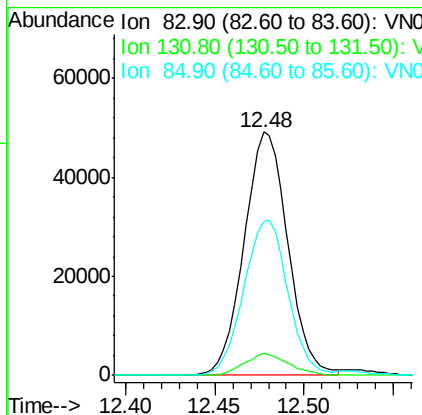
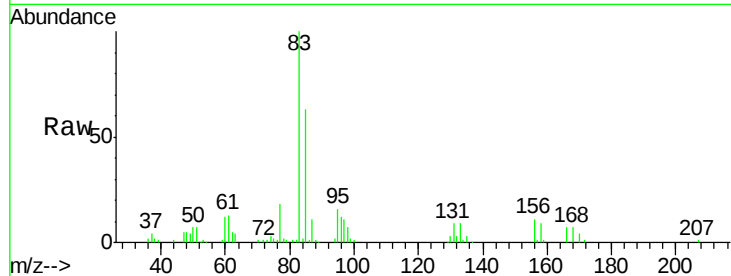
ClientSampleId :

VN0626MBS01

Tot Ion:	83	Resp:	84078
Ion Ratio	Lower	Upper	
83	100		
131	9.1	4.8	14.4
85	64.2	32.4	97.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 18.841 ug/l m

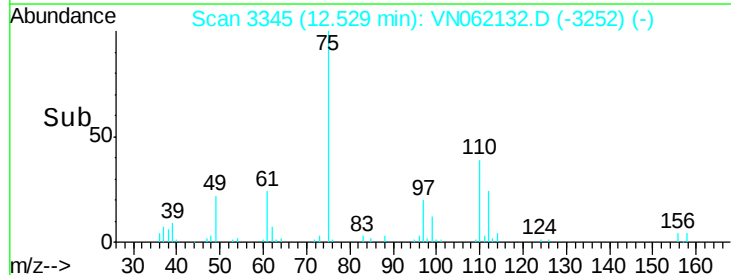
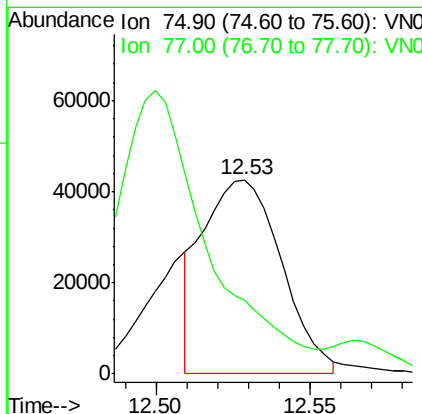
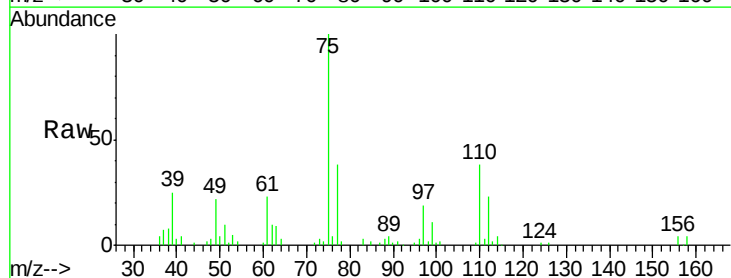
RT: 12.53 min Scan# 3345

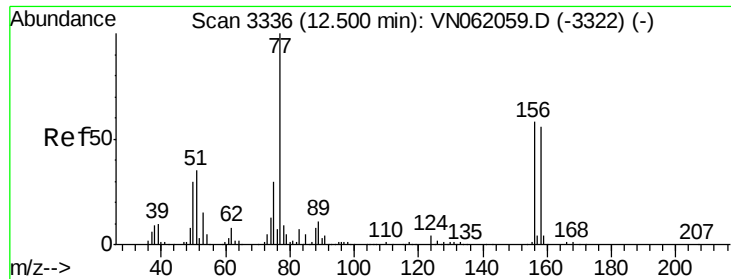
Delta R.T. -0.00 min

Lab File: VN062132.D

Acq: 26 Jun 2020 12:12

Tgt Ion:	75	Resp:	75438
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.191 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062132.D

Acq: 26 Jun 2020 12:12

Instrument :

MSVOA_N

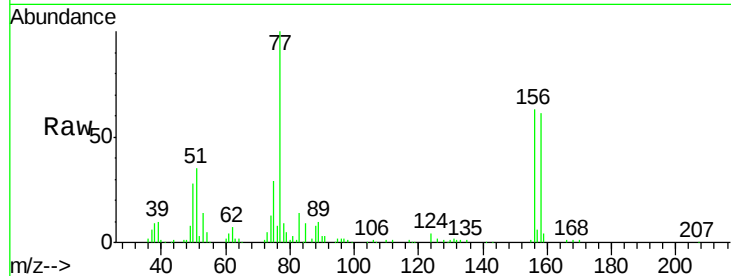
ClientSampleId :

VN0626MBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	197.2	104.6	313.8
158	95.3	48.0	144.0

Manual Integrations
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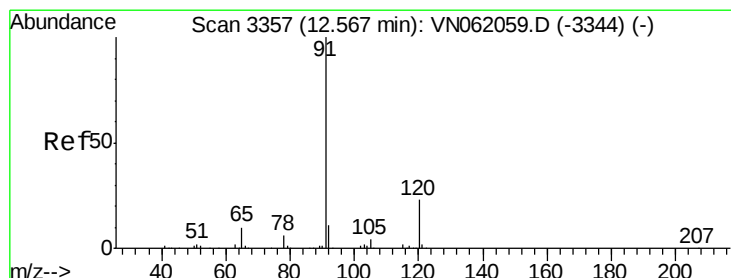
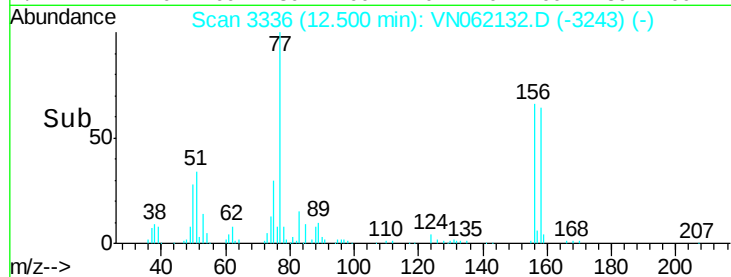
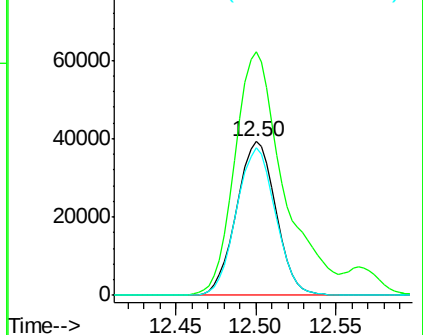


Abundance

Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.428 ug/l

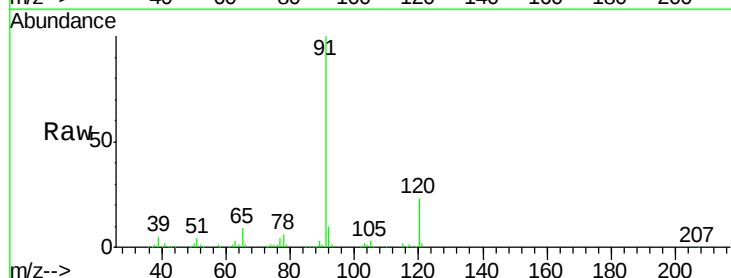
RT: 12.56 min Scan# 3356

Delta R.T. -0.00 min

Lab File: VN062132.D

Acq: 26 Jun 2020 12:12

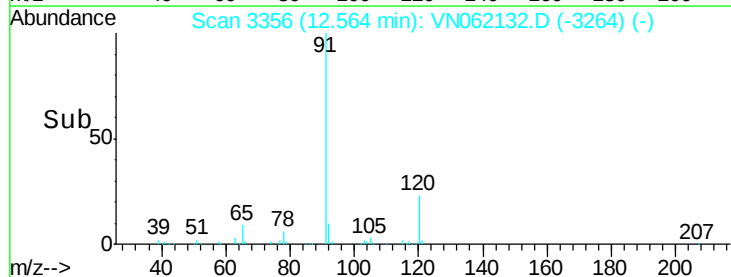
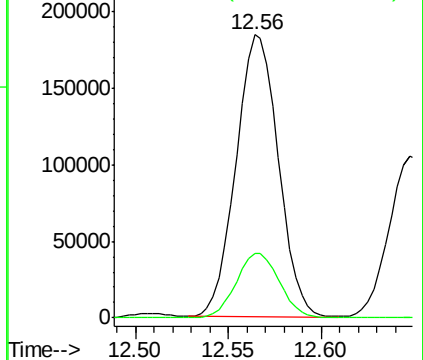
Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.4	11.4	34.1

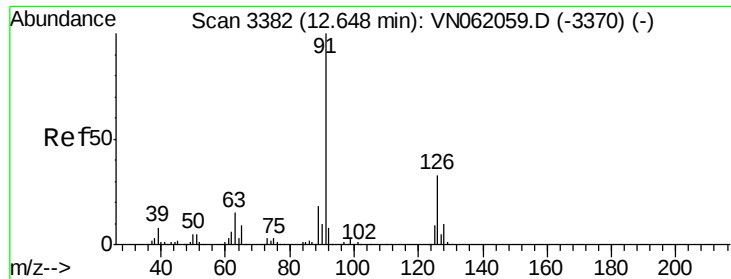


Abundance

Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.942 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN062132.D

Acq: 26 Jun 2020 12:12

Instrument :

MSVOA_N

ClientSampleId :

VN0626MBS01

Tot Ion: 91 Resp: 172458

Ion Ratio Lower Upper

91 100

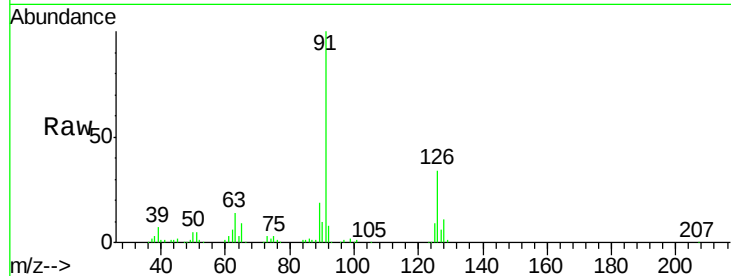
126 35.4 16.9 50.7

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VN062132.D (-3289) (-)

Ion 125.90 (125.60 to 126.60): VN062132.D (-3289) (-)

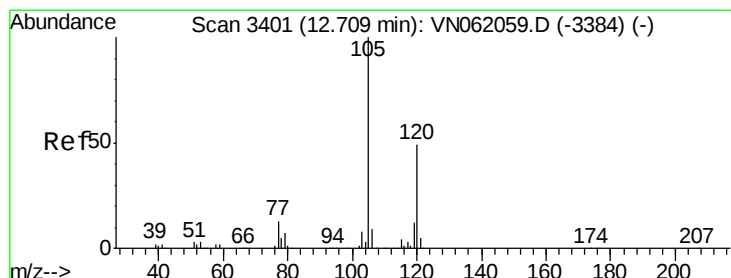
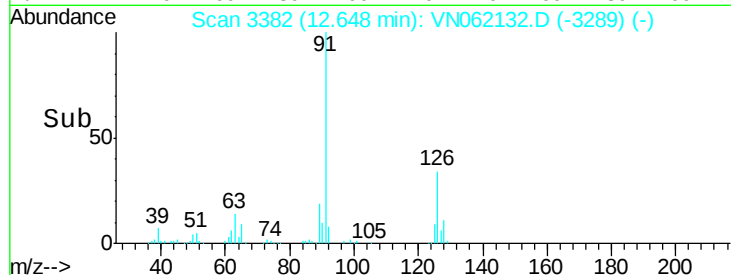
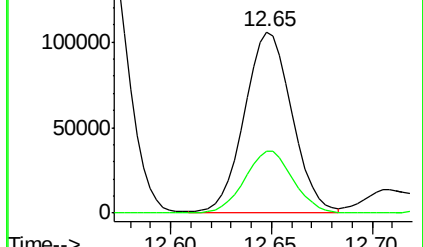
150000

100000

50000

0

12.60 12.65 12.70



#80

1,3,5-Trimethylbenzene

Concen: 20.097 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062132.D

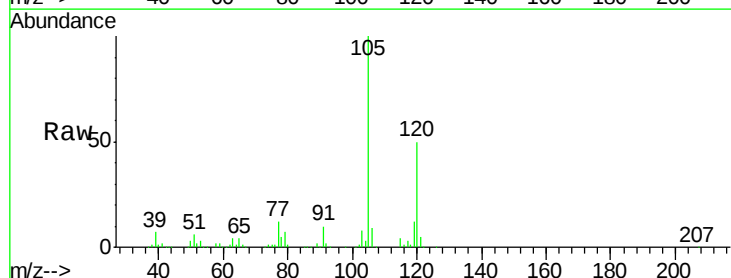
Acq: 26 Jun 2020 12:12

Tgt Ion: 105 Resp: 214492

Ion Ratio Lower Upper

105 100

120 50.2 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VN062132.D (-3308) (-)

Ion 120.00 (119.70 to 120.70): VN062132.D (-3308) (-)

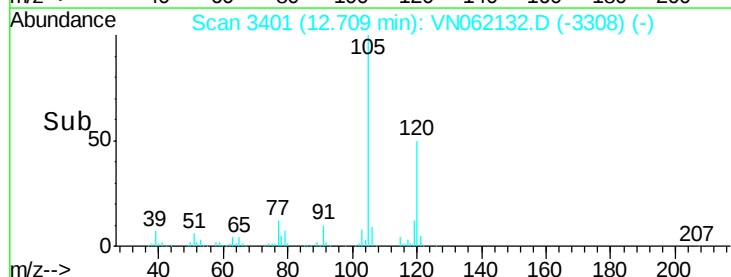
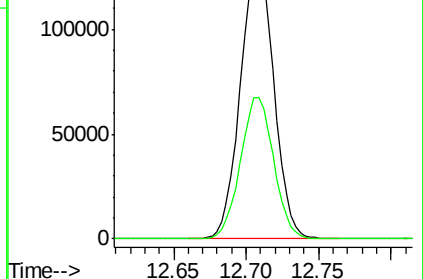
150000

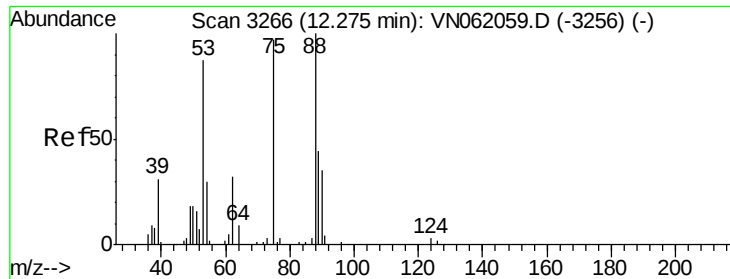
100000

50000

0

12.65 12.70 12.75





#81

trans-1,4-Dichloro-2-butene

Concen: 18.274 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062132.D

Acq: 26 Jun 2020 12:12

Instrument :

MSVOA_N

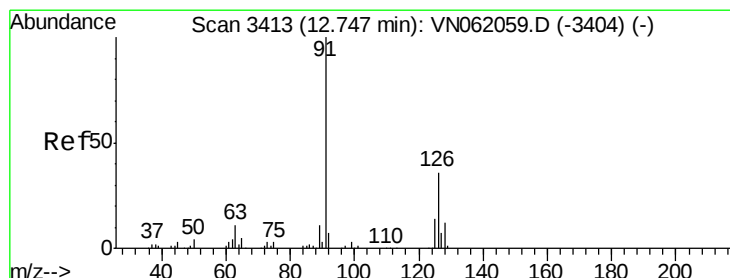
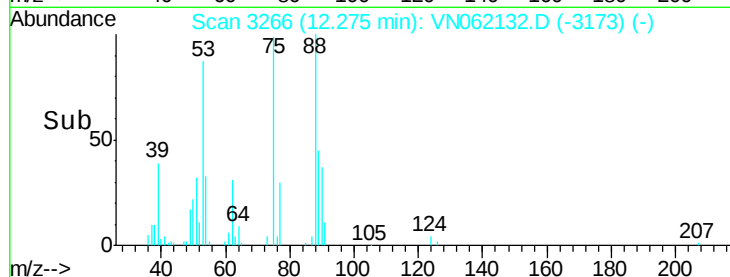
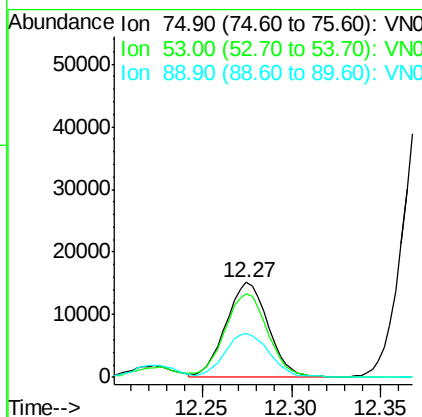
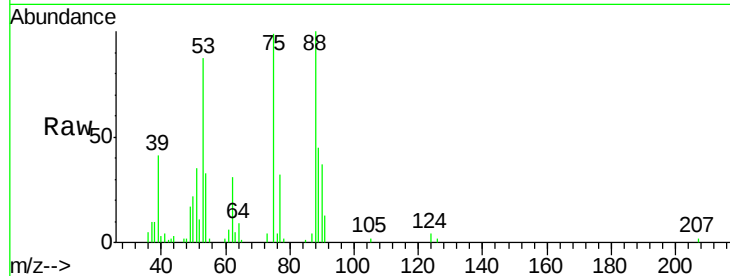
ClientSampleId :

VN0626MBS01

Tot Ion:	75	Resp:	25054
Ion	Ratio	Lower	Upper
75	100		
53	89.7	72.0	108.0
89	48.2	36.9	55.3

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#82

4-Chlorotoluene

Concen: 19.018 ug/l

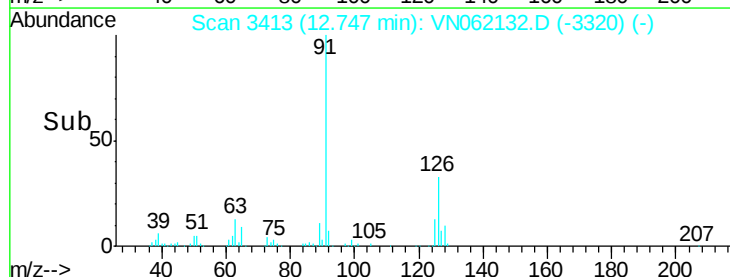
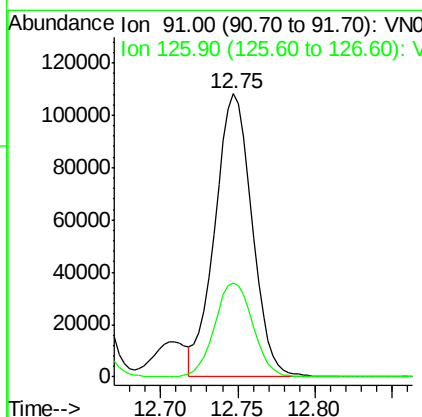
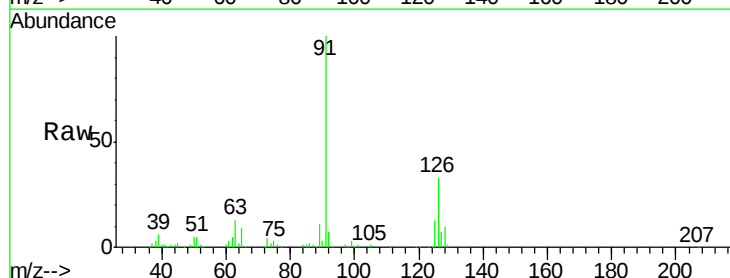
RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062132.D

Acq: 26 Jun 2020 12:12

Tgt Ion:	91	Resp:	179050
Ion	Ratio	Lower	Upper
91	100		
126	34.5	16.7	50.1





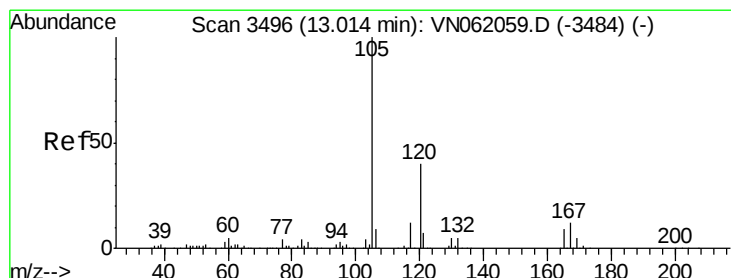
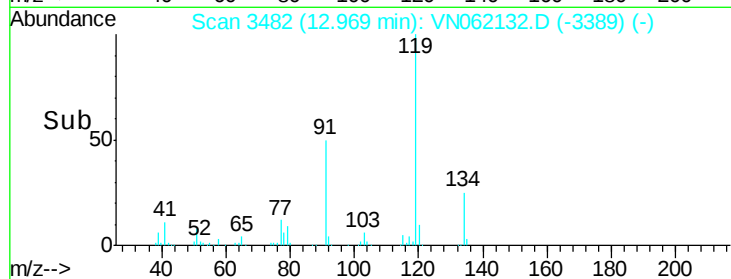
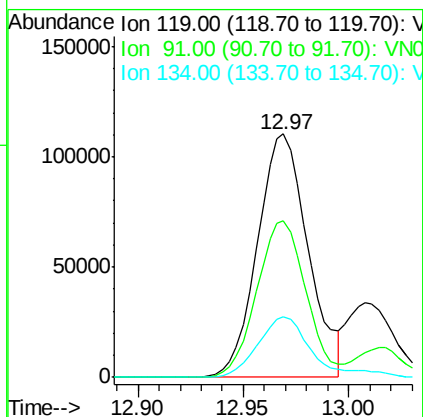
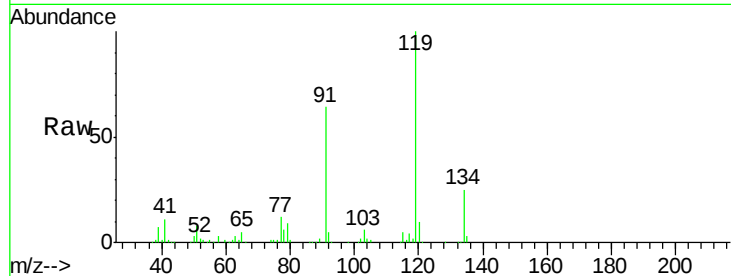
#83
tert-Butylbenzene
Concen: 20.221 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. -0.00 min
Lab File: VN062132.D
Acq: 26 Jun 2020 12:12

Instrument :
MSVOA_N
ClientSampled :
VN0626MBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	184696		
91	62.1		31.7	95.1
134	26.8		13.1	39.1

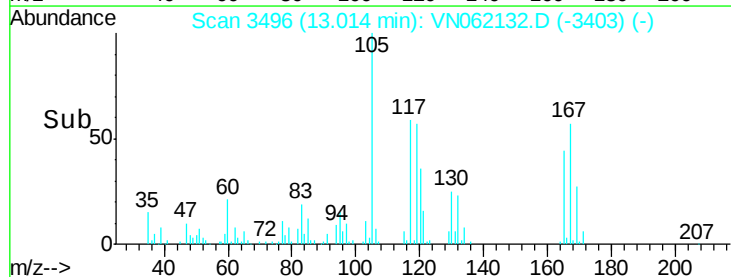
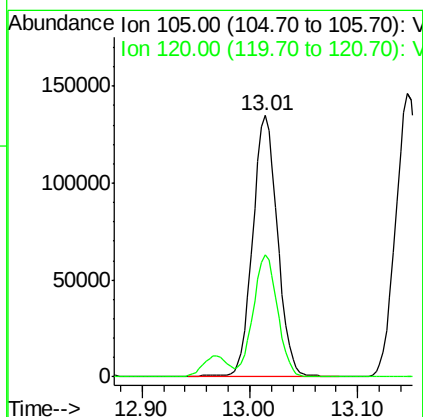
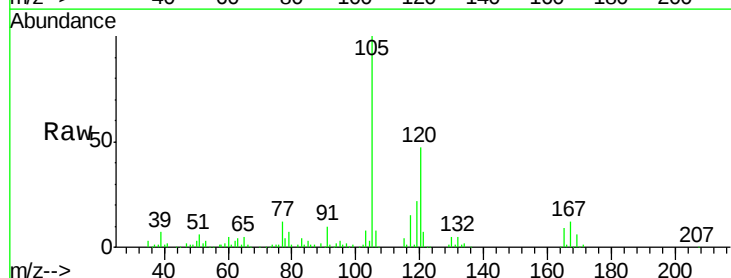
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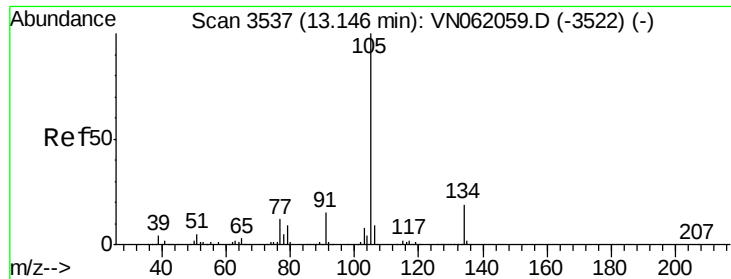
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#84
1,2,4-Trimethylbenzene
Concen: 20.201 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. -0.00 min
Lab File: VN062132.D
Acq: 26 Jun 2020 12:12

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	215333		
120	46.0		23.2	69.5





#85

sec-Butylbenzene

Concen: 19.587 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN062132.D

Acq: 26 Jun 2020 12:12

Instrument :

MSVOA_N

ClientSampleId :

VN0626MBS01

Tot Ion:105 Resp: 236398

Ion Ratio Lower Upper

105 100

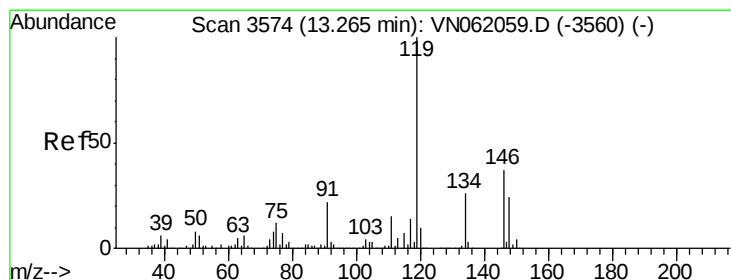
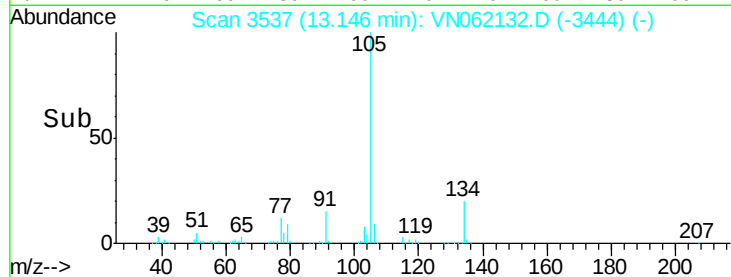
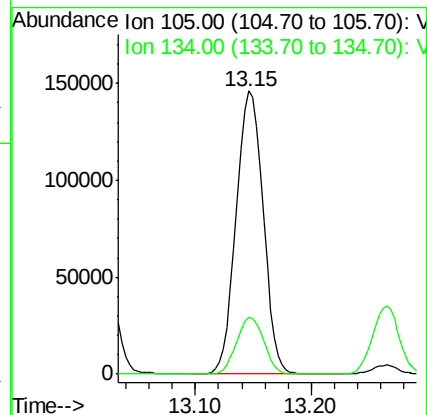
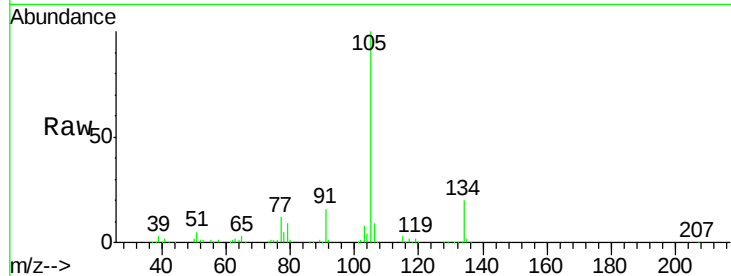
134 20.2 9.7 29.1

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 20.188 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062132.D

Acq: 26 Jun 2020 12:12

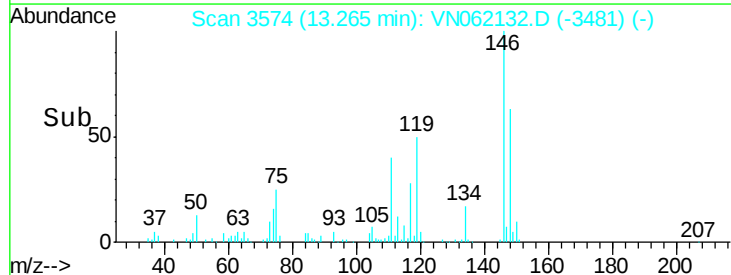
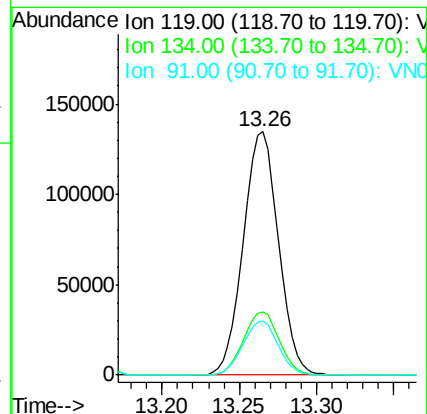
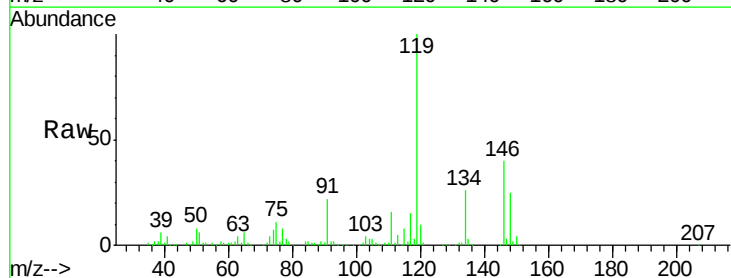
Tgt Ion:119 Resp: 213468

Ion Ratio Lower Upper

119 100

134 26.5 13.0 39.0

91 22.4 11.3 33.8





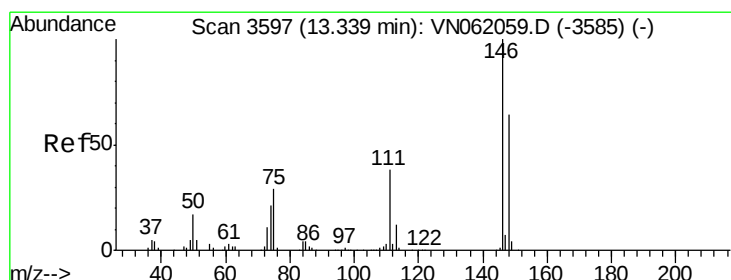
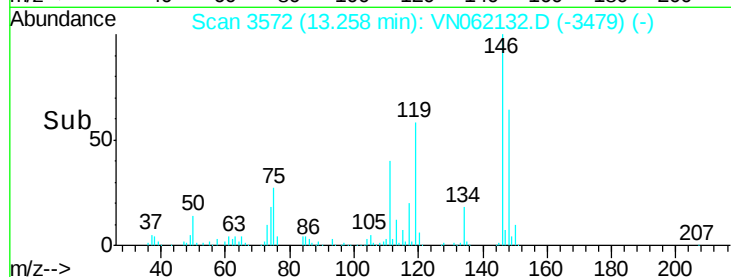
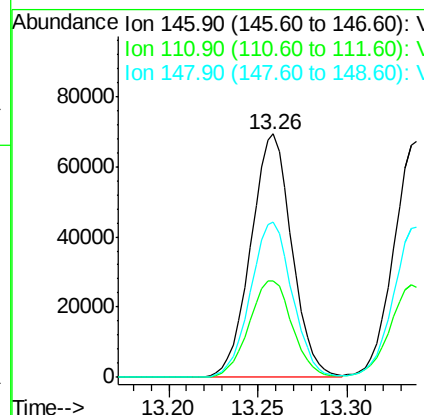
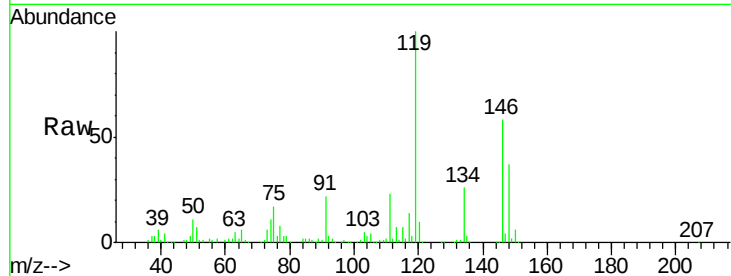
#87
 1,3-Dichlorobenzene
 Concen: 19.434 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062132.D
 Acq: 26 Jun 2020 12:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0626MBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.6	20.3	61.0
148	64.9	31.8	95.3

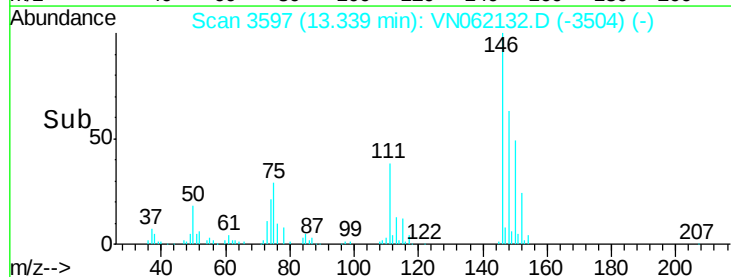
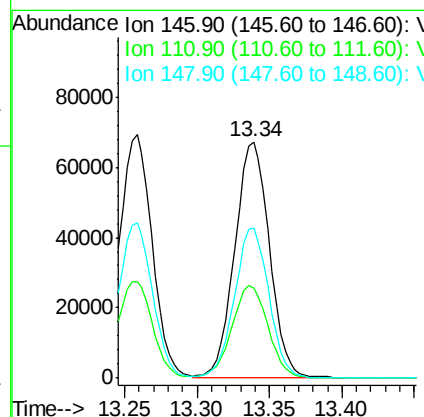
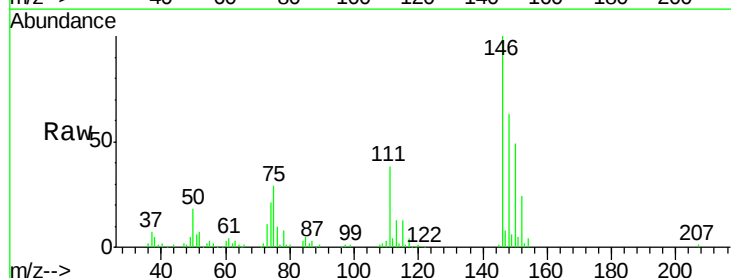
Manual Integrations
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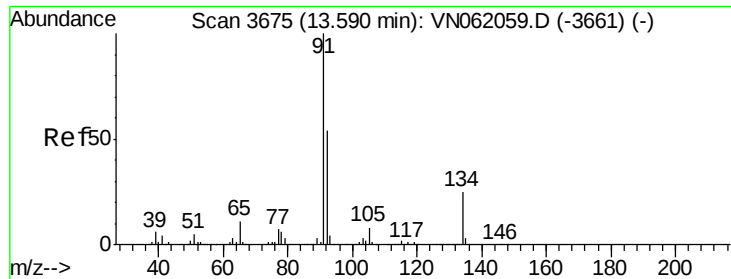
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#88
 1,4-Dichlorobenzene
 Concen: 18.840 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062132.D
 Acq: 26 Jun 2020 12:12

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.6	19.9	59.6
148	63.5	31.9	95.9





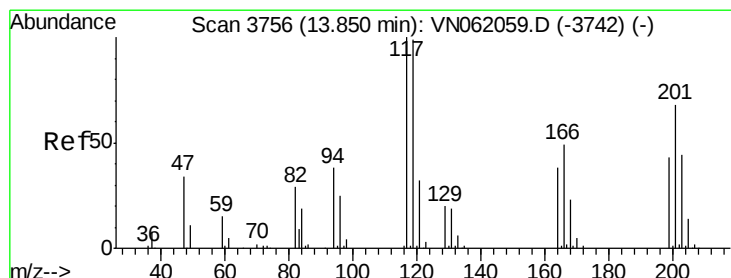
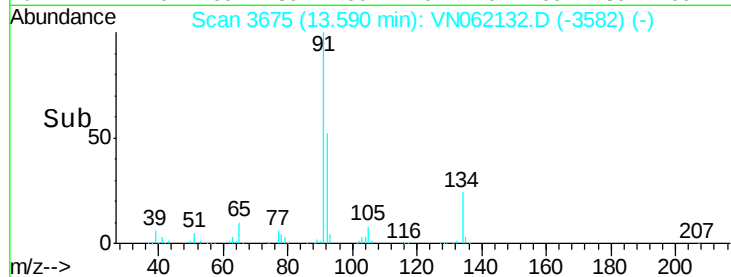
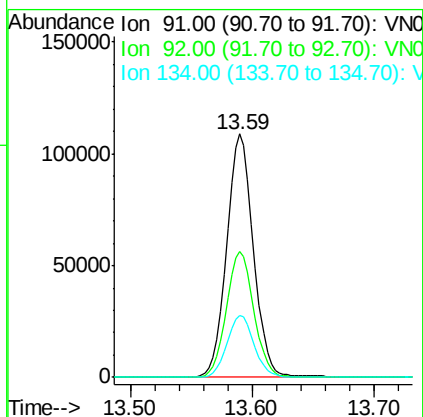
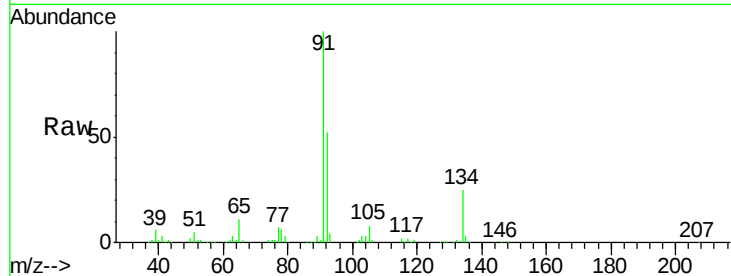
#89
n-Butylbenzene
Concen: 19.007 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062132.D
Acq: 26 Jun 2020 12:12

Instrument :
MSVOA_N
ClientSampleId :
VN0626MBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.4	26.6	79.7
134	25.8	12.3	36.9

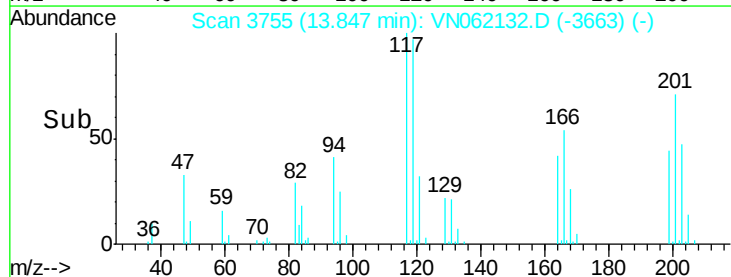
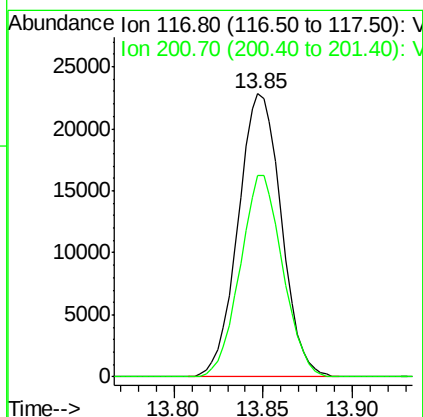
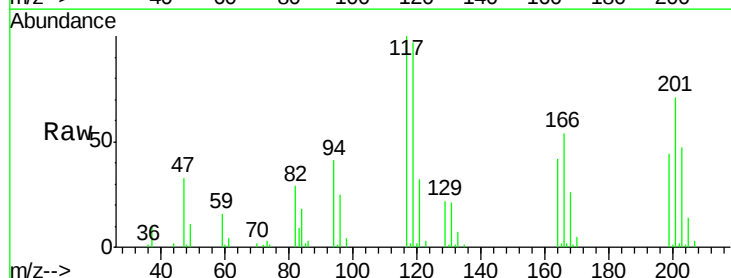
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#90
Hexachloroethane
Concen: 18.527 ug/l
RT: 13.85 min Scan# 3755
Delta R.T. -0.00 min
Lab File: VN062132.D
Acq: 26 Jun 2020 12:12

Tgt Ion	Ratio	Lower	Upper
117	100		
201	70.1	32.7	98.1





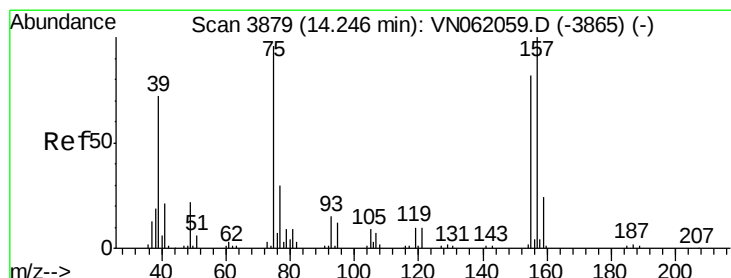
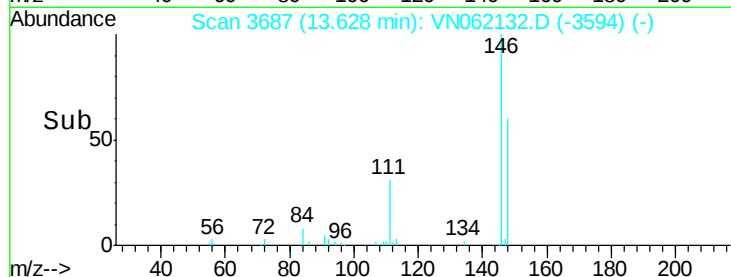
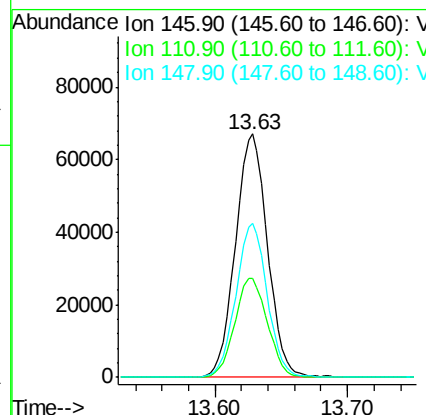
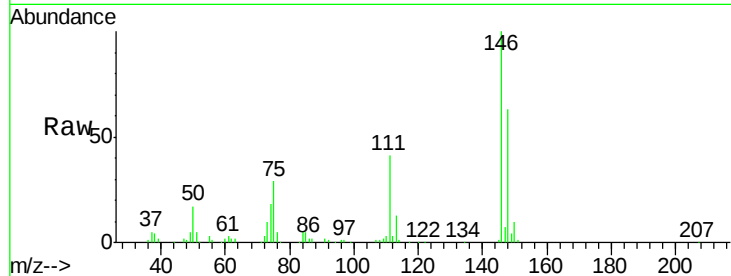
#91
 1,2-Dichlorobenzene
 Concen: 20.267 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062132.D
 Acq: 26 Jun 2020 12:12

Instrument :
 MSVOA_N
 ClientSampled :
 VN0626MBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.3	21.2	63.6
148	61.6	31.9	95.5

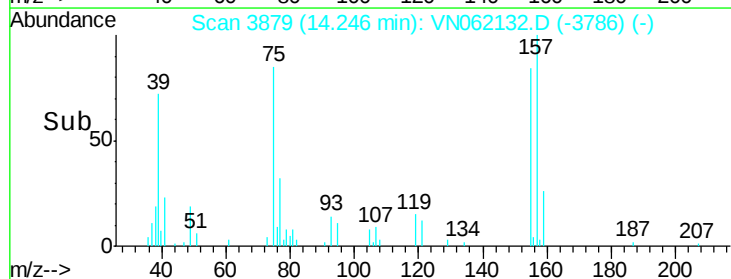
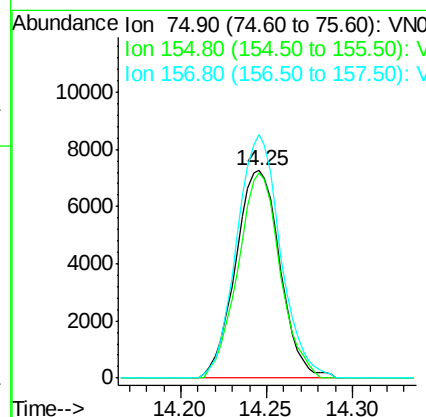
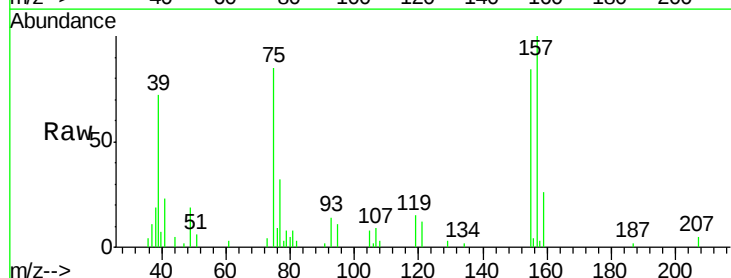
Manual Integrations
 APPROVED

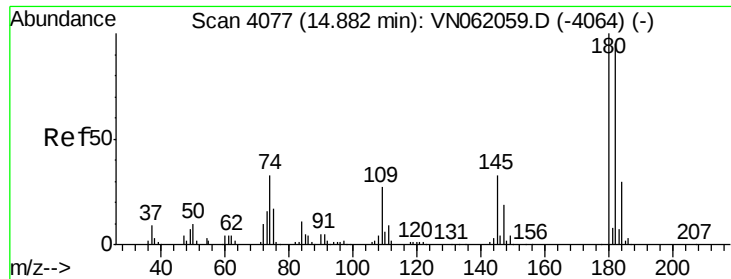
MMDadoda
 6/29/2020 12:35:31 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.652 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. -0.00 min
 Lab File: VN062132.D
 Acq: 26 Jun 2020 12:12

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.4	40.8	122.4
157	115.3	51.4	154.3





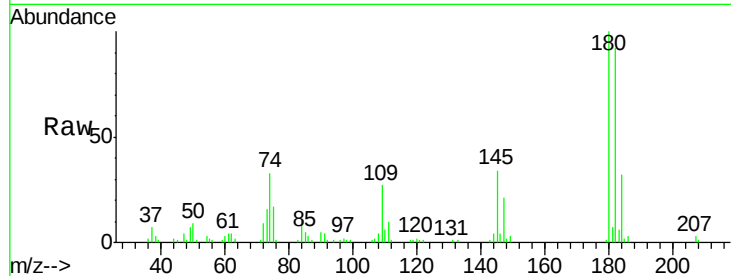
#93
 1,2,4-Trichlorobenzene
 Concen: 20.049 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN062132.D
 Acq: 26 Jun 2020 12:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0626MBS01

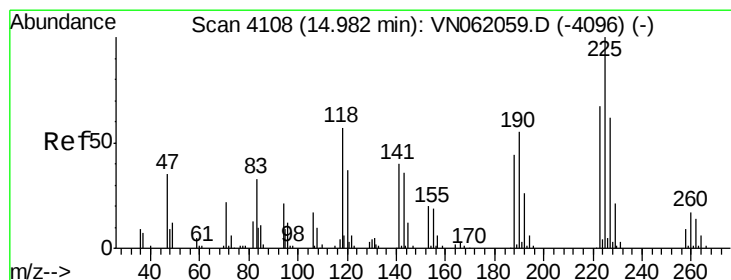
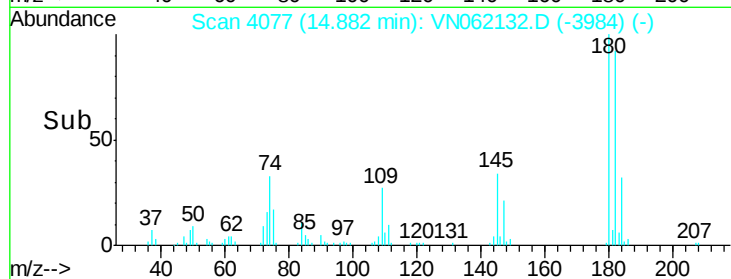
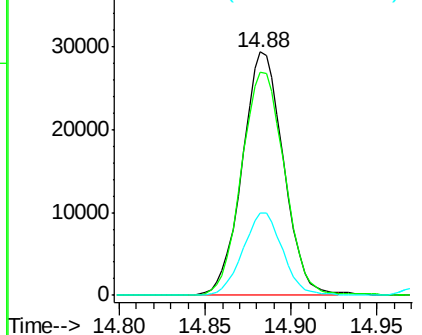
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.4	48.0	144.2
145	32.6	16.0	48.0

Manual Integrations
 APPROVED

MMDadoda
 6/29/2020 12:35:31 PM

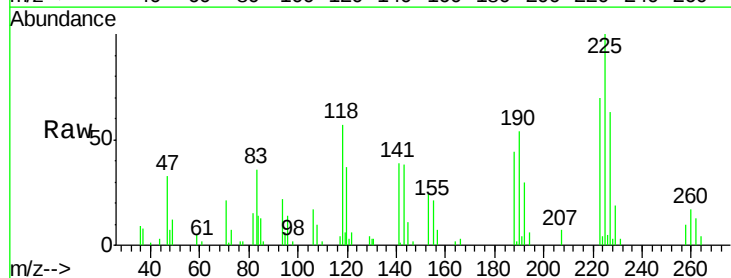


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

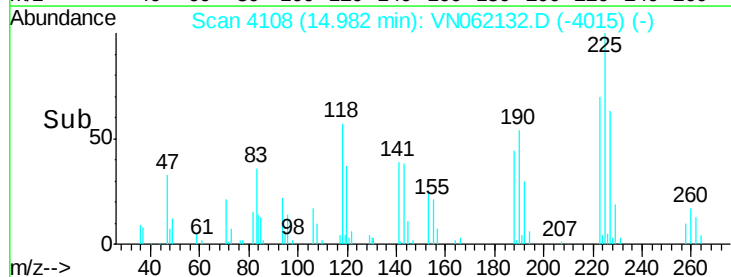
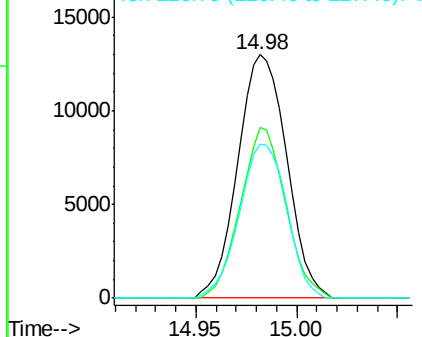


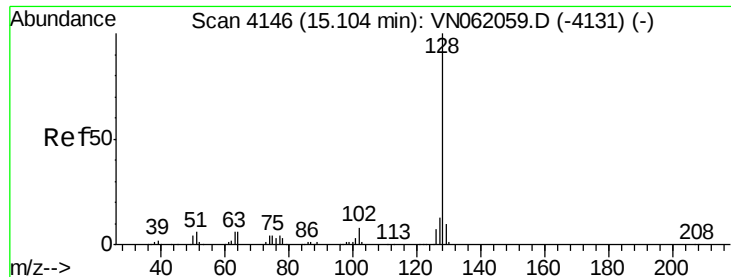
#94
 Hexachlorobutadiene
 Concen: 20.934 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN062132.D
 Acq: 26 Jun 2020 12:12

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.7	32.9	98.7
227	61.7	31.3	93.8



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 19.733 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN062132.D

Acq: 26 Jun 2020 12:12

Instrument :

MSVOA_N

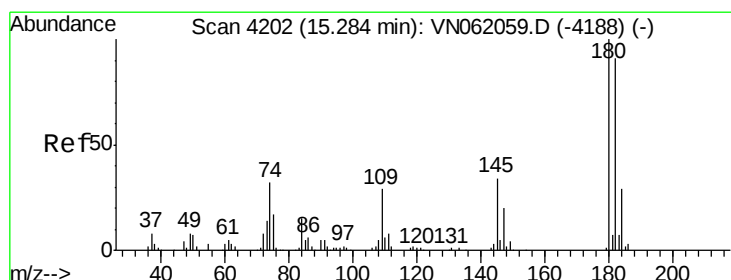
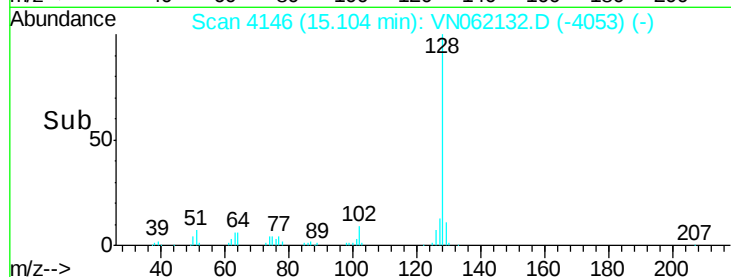
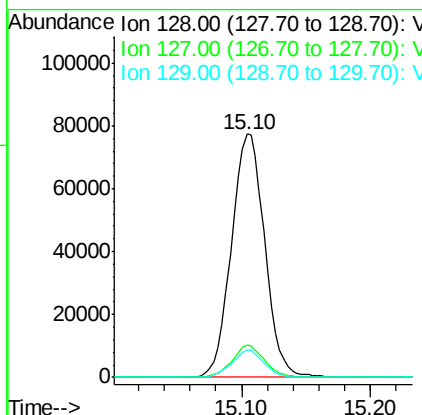
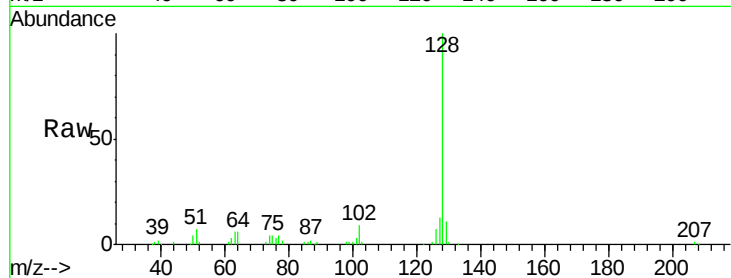
ClientSampleId :

VN0626MBS01

Tot Ion:	128	Resp:	138669
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.5	15.7
129	10.7	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
6/29/2020 12:35:31 PM



#96

1,2,3-Trichlorobenzene

Concen: 20.199 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. -0.00 min

Lab File: VN062132.D

Acq: 26 Jun 2020 12:12

Tgt Ion:	180	Resp:	50220
Ion Ratio	Lower	Upper	
180	100		
182	95.0	46.8	140.4
145	33.3	16.4	49.2

