

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092120\
 Data File : VN063478.D
 Acq On : 21 Sep 2020 12:06
 Operator : JC/MD
 Sample : VN0921WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/22/2020 2:07:03 PM

Quant Time: Sep 22 02:38:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	287758	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	488950	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	445845	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	212014	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	241214	49.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.48%	
35) Dibromofluoromethane	7.55	113	167279	49.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.84%	
50) Toluene-d8	10.06	98	646540	50.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.60%	
62) 4-Bromofluorobenzene	12.38	95	246382	52.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	59077	18.122	ug/l	99
3) Chloromethane	2.04	50	67915	15.748	ug/l	96
4) Vinyl Chloride	2.16	62	67654	17.706	ug/l	98
5) Bromomethane	2.53	94	46468	20.483	ug/l	97
6) Chloroethane	2.67	64	40675	17.342	ug/l	99
7) Trichlorofluoromethane	2.98	101	108308	18.999	ug/l	99
8) Diethyl Ether	3.37	74	40899	18.404	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.72	101	60828	18.973	ug/l	97
10) Methyl Iodide	3.91	142	72123	17.279	ug/l	98
11) Tert butyl alcohol	4.72	59	63768	93.970	ug/l	100
12) 1,1-Dichloroethene	3.69	96	57767	17.789	ug/l	97
13) Acrolein	3.57	56	21201	84.305	ug/l	95
14) Allyl chloride	4.28	41	111210	17.314	ug/l	99
15) Acrylonitrile	4.93	53	155233	89.931	ug/l	98
16) Acetone	3.77	43	137979	87.647	ug/l	97
17) Carbon Disulfide	4.01	76	160927	17.037	ug/l	99
18) Methyl Acetate	4.28	43	75756	18.956	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	211673	17.489	ug/l	100
20) Methylene Chloride	4.50	84	69745	17.486	ug/l	93
21) trans-1,2-Dichloroethene	4.98	96	62201	17.289	ug/l	99
22) Diisopropyl ether	5.90	45	228645	17.454	ug/l	99
23) Vinyl Acetate	5.84	43	949998	88.300	ug/l	99
24) 1,1-Dichloroethane	5.80	63	127984	17.895	ug/l	99
25) 2-Butanone	6.78	43	215633	89.061	ug/l	98
26) 2,2-Dichloropropane	6.77	77	112390	17.848	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	74861	18.383	ug/l	100
28) Bromochloromethane	7.15	49	58313	17.658	ug/l	99
29) Tetrahydrofuran	7.16	42	143037	86.500	ug/l	98
30) Chloroform	7.33	83	130204	18.145	ug/l	99
31) Cyclohexane	7.61	56	113384	16.760	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	114232	17.899	ug/l	99
36) 1,1-Dichloropropene	7.75	75	96528	18.531	ug/l	99
37) Ethyl Acetate	6.88	43	94477	18.480	ug/l	99
38) Carbon Tetrachloride	7.73	117	97235	18.286	ug/l	96

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 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	101158	17.893	ug/l	97
40) Benzene	8.00	78	272078	18.297	ug/l	100
41) Methacrylonitrile	7.13	41	42676m	18.560	ug/l	
42) 1,2-Dichloroethane	8.08	62	110844	18.536	ug/l	99
43) Isopropyl Acetate	8.12	43	158874	17.379	ug/l	99
44) Trichloroethene	8.80	130	69484	19.266	ug/l	99
45) 1,2-Dichloropropane	9.08	63	75538	18.652	ug/l	99
46) Dibromomethane	9.17	93	50531	18.983	ug/l	98
47) Bromodichloromethane	9.37	83	102042	18.453	ug/l	99
48) Methyl methacrylate	9.16	41	78960	17.580	ug/l	97
49) 1,4-Dioxane	9.17	88	27185	421.777	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	472779	92.379	ug/l	100
52) Toluene	10.12	92	170102	19.026	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	113181	18.333	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	118201	18.152	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	67472	19.000	ug/l	94
56) Ethyl methacrylate	10.40	69	101631	18.333	ug/l	97
57) 1,3-Dichloropropane	10.68	76	117049	18.278	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	258540	88.902	ug/l	98
59) 2-Hexanone	10.72	43	344638	92.952	ug/l	98
60) Dibromochloromethane	10.87	129	74819	18.649	ug/l	99
61) 1,2-Dibromoethane	10.98	107	71067	19.263	ug/l	99
64) Tetrachloroethene	10.60	164	62921	20.726	ug/l	97
65) Chlorobenzene	11.41	112	179470	18.963	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	66253	19.098	ug/l	96
67) Ethyl Benzene	11.48	91	333300	18.701	ug/l	99
68) m/p-Xylenes	11.59	106	245361	38.183	ug/l	99
69) o-Xylene	11.92	106	118082	19.290	ug/l	99
70) Styrene	11.94	104	195661	19.060	ug/l	98
71) Bromoform	12.10	173	48194	18.648	ug/l #	97
73) Isopropylbenzene	12.22	105	319397	18.800	ug/l	100
74) N-amyl acetate	12.05	43	139063	17.291	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	96781	18.398	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	91362m	17.410	ug/l	
77) Bromobenzene	12.50	156	73985	19.359	ug/l	97
78) n-propylbenzene	12.57	91	371106	18.754	ug/l	99
79) 2-Chlorotoluene	12.65	91	224264	18.906	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	272044	19.202	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	34472	18.010	ug/l	98
82) 4-Chlorotoluene	12.75	91	230465	18.388	ug/l	100
83) tert-Butylbenzene	12.97	119	223184	19.087	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	272622	19.051	ug/l	99
85) sec-Butylbenzene	13.14	105	295654	18.890	ug/l	99
86) p-Isopropyltoluene	13.26	119	265787	19.253	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	134785	19.028	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	136500	18.954	ug/l	99
89) n-Butylbenzene	13.59	91	244931	19.249	ug/l	100
90) Hexachloroethane	13.85	117	47398	18.031	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	134226	19.301	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	23121	18.457	ug/l	95

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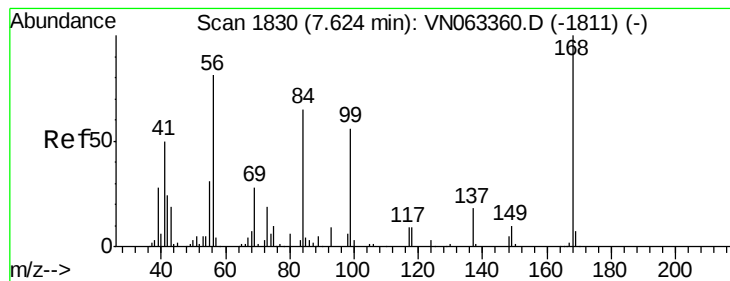
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	78898	19.244	ug/l	99
94) Hexachlorobutadiene	14.98	225	36175	21.313	ug/l	98
95) Naphthalene	15.10	128	248868	18.373	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	75183	18.979	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1829

Delta R.T. -0.00 min

Lab File: VN063478.D

Acq: 21 Sep 2020 12:06

Instrument :

MSVOA_N

ClientSampleId :

VN0921WBS01

Tot Ion:168 Resp: 287758

Ion Ratio Lower Upper

168 100

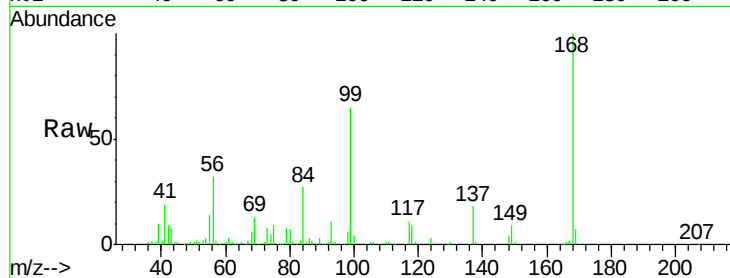
99 64.9 53.0 79.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

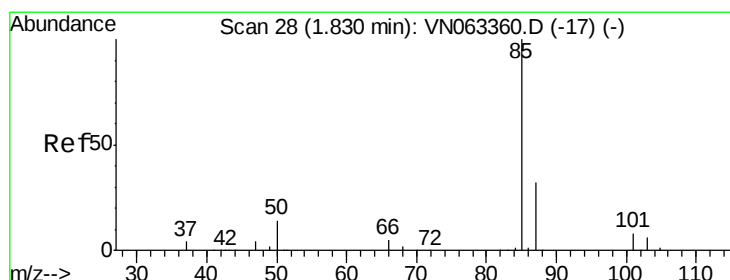
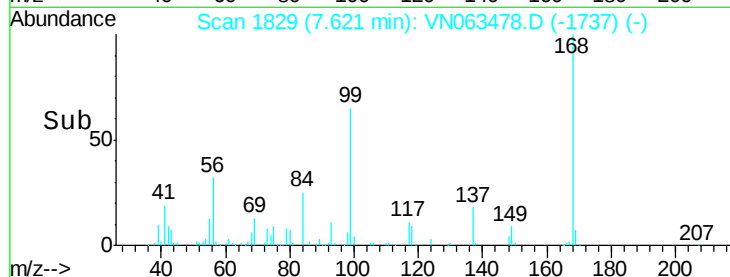
7.62

100000

50000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 18.122 ug/l

RT: 1.83 min Scan# 28

Delta R.T. -0.00 min

Lab File: VN063478.D

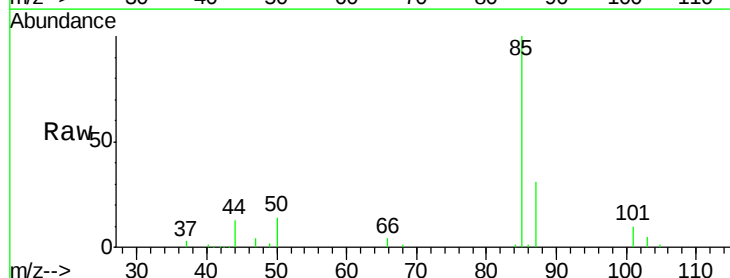
Acq: 21 Sep 2020 12:06

Tgt Ion: 85 Resp: 59077

Ion Ratio Lower Upper

85 100

87 31.3 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

50000

40000

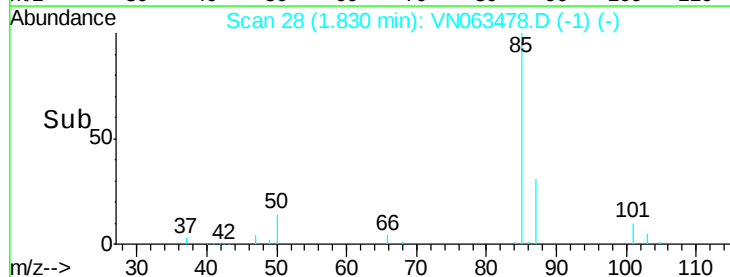
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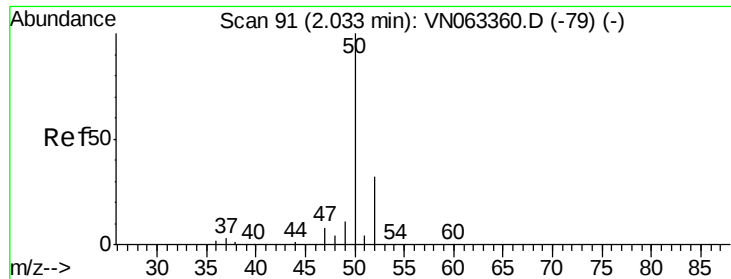
20000

10000

0

Time--> 1.80 1.85 1.90





#3

Chloromethane

Concen: 15.748 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063478.D

Acq: 21 Sep 2020 12:06

Instrument :

MSVOA_N

ClientSampleId :

VN0921WBS01

Tot Ion: 50 Resp: 67915

Ion Ratio Lower Upper

50 100

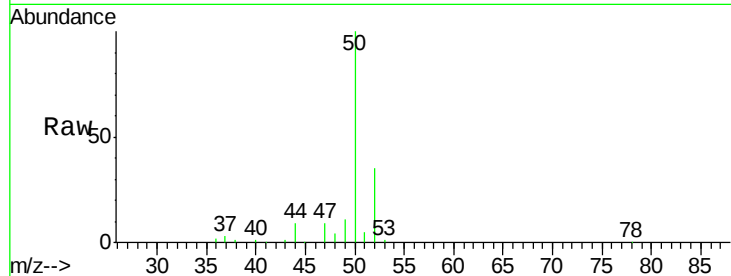
52 34.5 25.9 38.9

Manual Integrations

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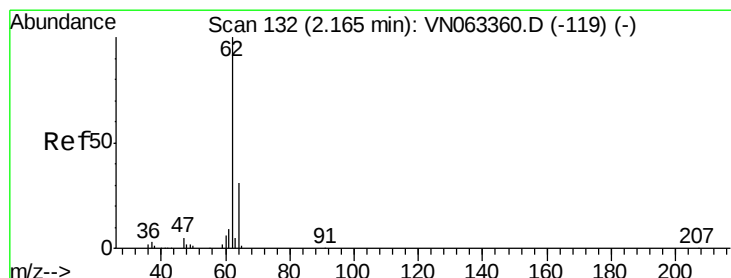
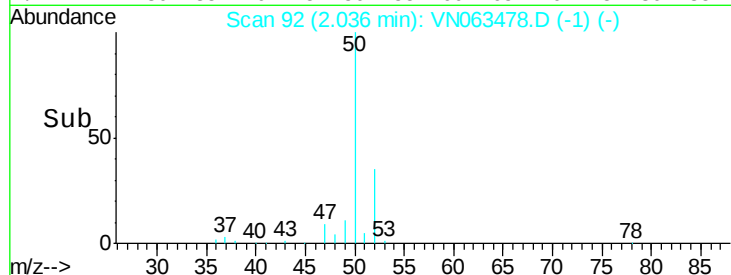
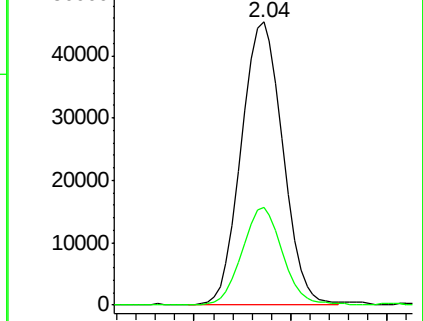
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Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 17.706 ug/l

RT: 2.16 min Scan# 132

Delta R.T. -0.00 min

Lab File: VN063478.D

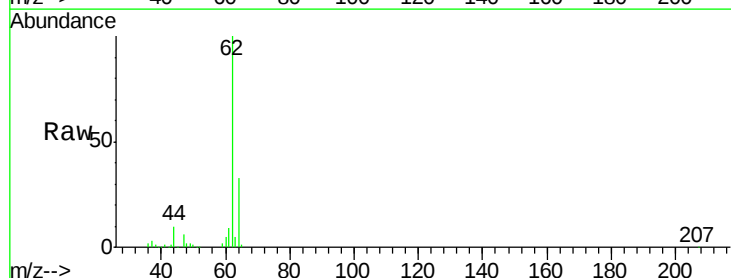
Acq: 21 Sep 2020 12:06

Tgt Ion: 62 Resp: 67654

Ion Ratio Lower Upper

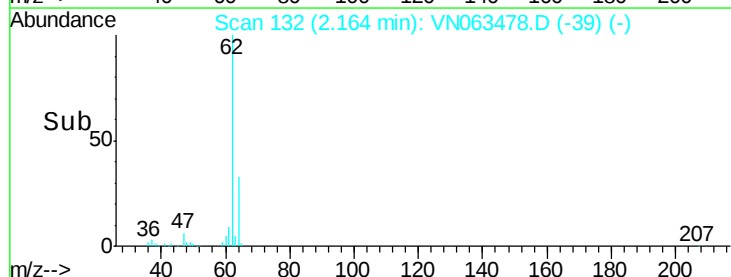
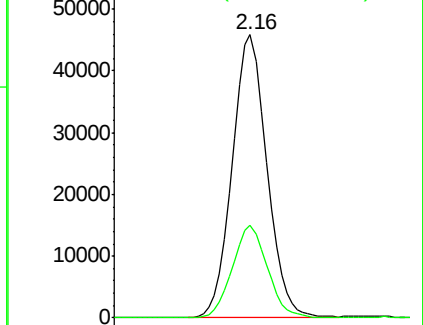
62 100

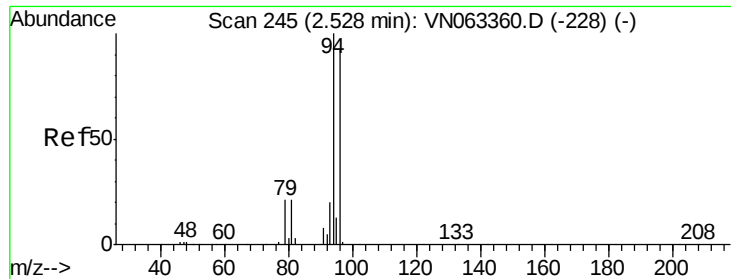
64 32.6 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 20.483 ug/l

RT: 2.53 min Scan# 246

Delta R.T. 0.00 min

Lab File: VN063478.D

Acq: 21 Sep 2020 12:06

Instrument :

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ClientSampleId :

VN0921WBS01

Tot Ion: 94 Resp: 46468

Ion Ratio Lower Upper

94 100

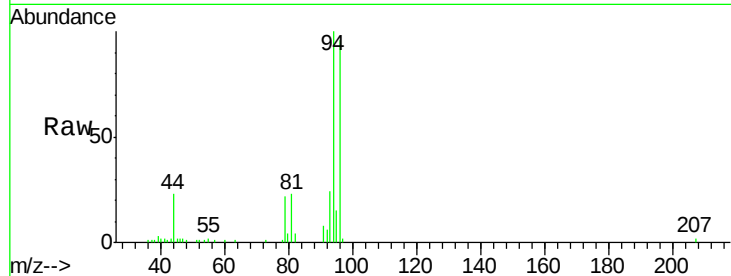
96 95.7 74.5 111.7

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.53

25000

20000

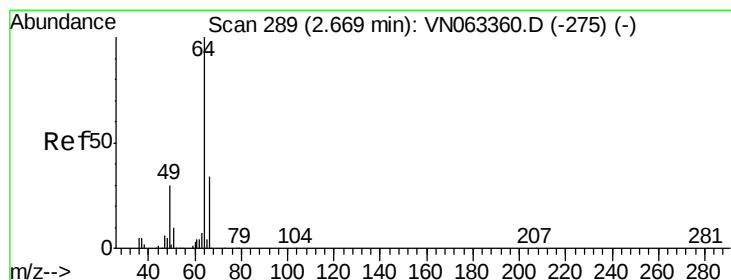
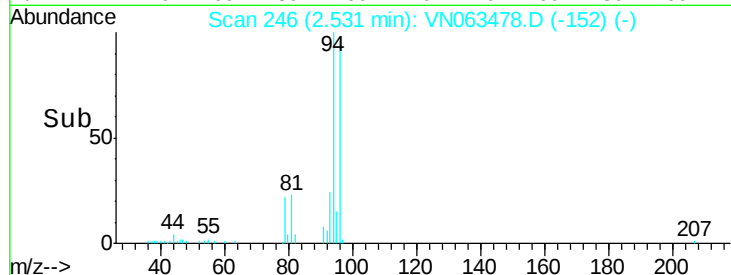
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 17.342 ug/l

RT: 2.67 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN063478.D

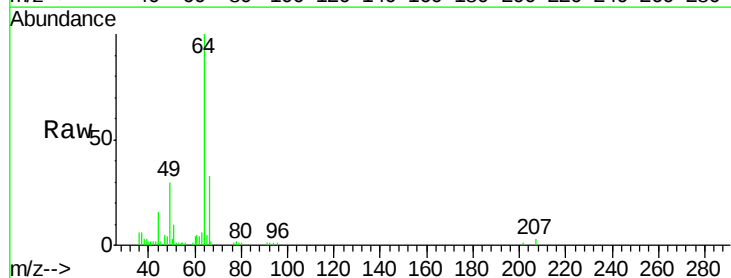
Acq: 21 Sep 2020 12:06

Tgt Ion: 64 Resp: 40675

Ion Ratio Lower Upper

64 100

66 33.3 26.9 40.3



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.67

20000

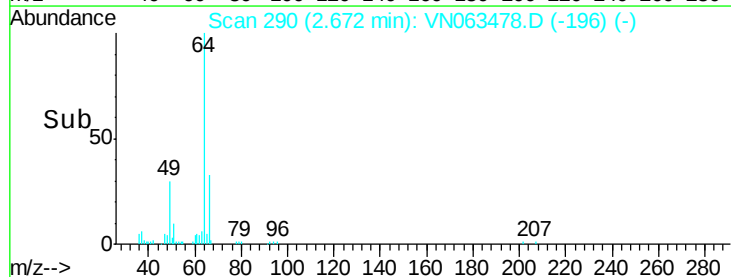
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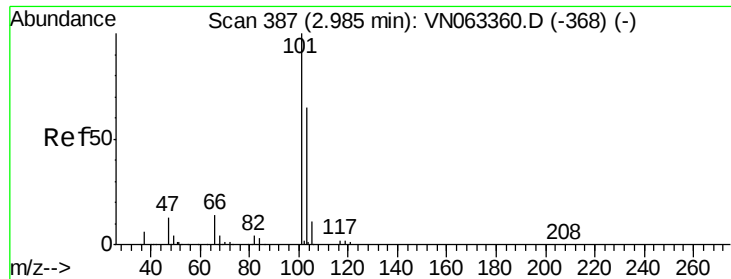
10000

5000

0

Time-->





#7

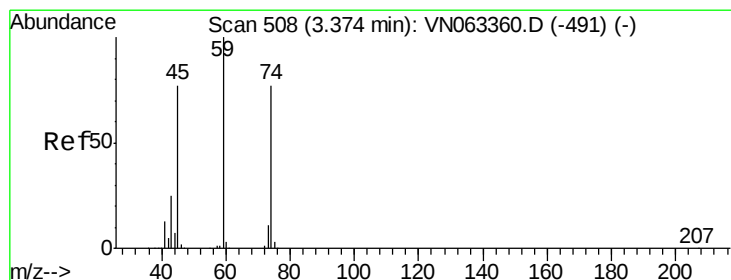
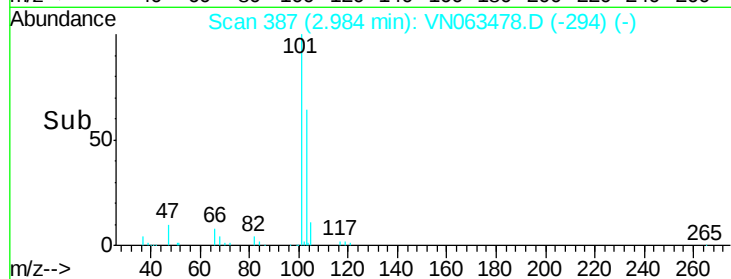
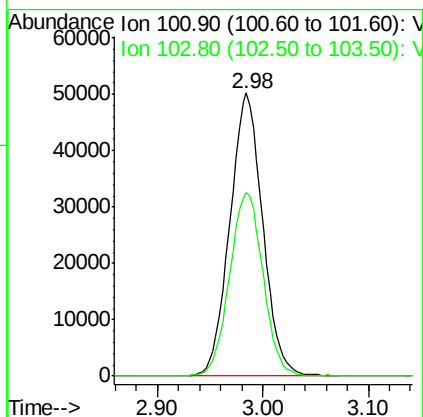
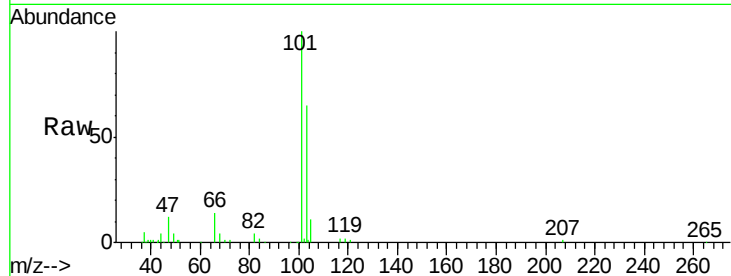
Trichlorofluoromethane
Concen: 18.999 ug/l
RT: 2.98 min Scan# 387
Delta R.T. -0.00 min
Lab File: VN063478.D
Acq: 21 Sep 2020 12:06

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Tot Ion	Ratio	Resp	Lower	Upper
101	100	108308		
103	64.7	52.3	78.5	

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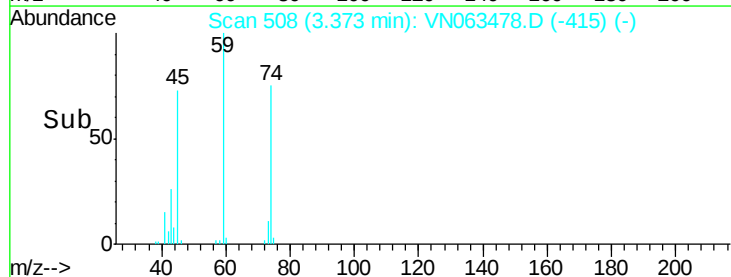
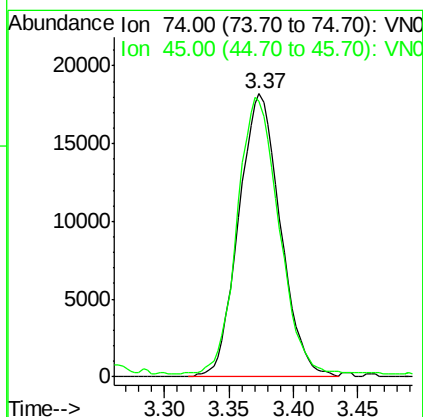
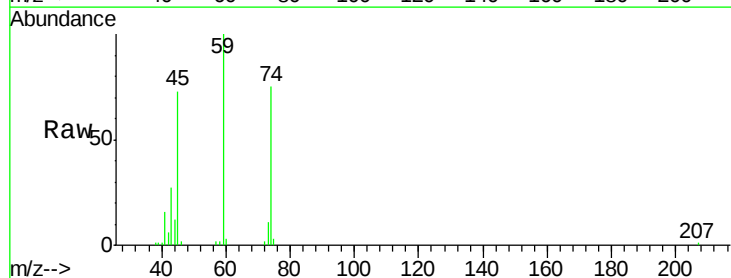
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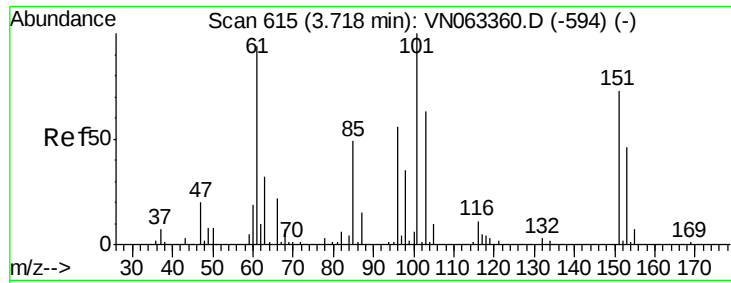


#8

Diethyl Ether
Concen: 18.404 ug/l
RT: 3.37 min Scan# 508
Delta R.T. -0.00 min
Lab File: VN063478.D
Acq: 21 Sep 2020 12:06

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	40899		
45	98.1	52.1	156.4	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.973 ug/l

RT: 3.72 min Scan# 615

Delta R.T. -0.00 min

Lab File: VN063478.D

Acq: 21 Sep 2020 12:06

Instrument :

MSVOA_N

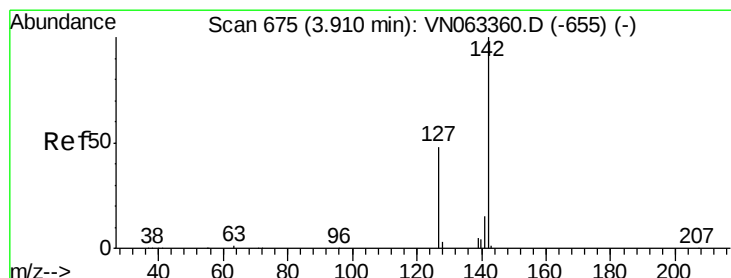
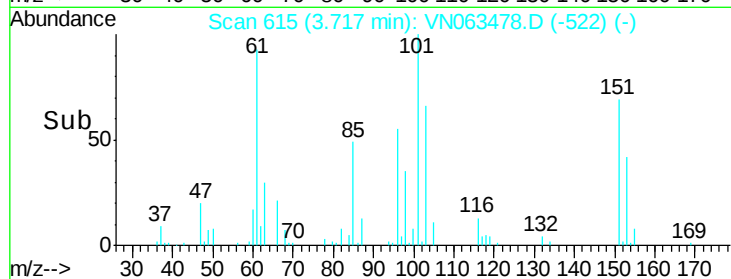
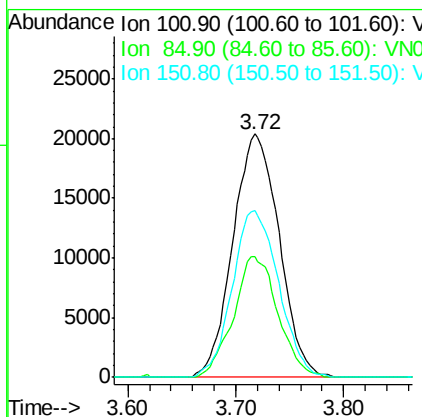
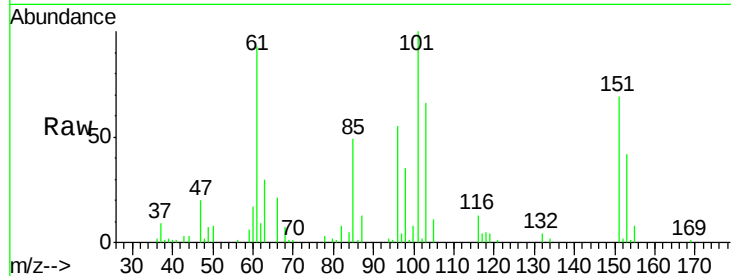
ClientSampled :

VN0921WBS01

Tot Ion:	101	Resp:	60828
Ion Ratio	Lower	Upper	
101	100		
85	47.7	37.7	56.5
151	68.6	57.7	86.5

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#10

Methyl Iodide

Concen: 17.279 ug/l

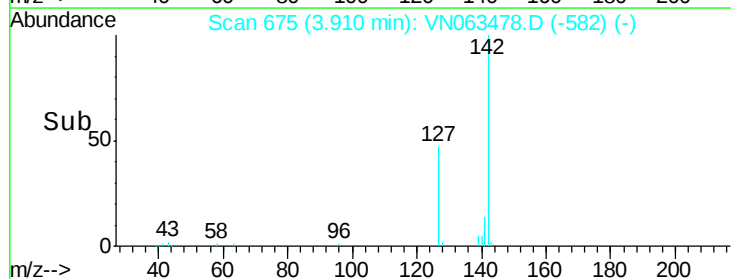
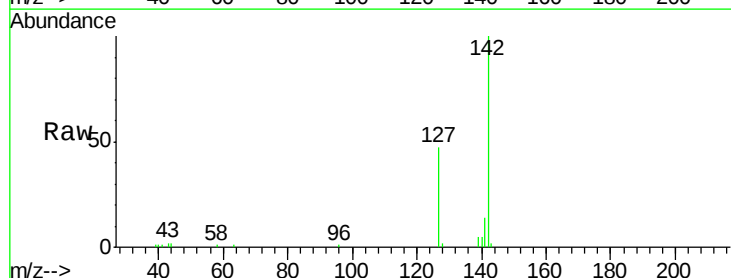
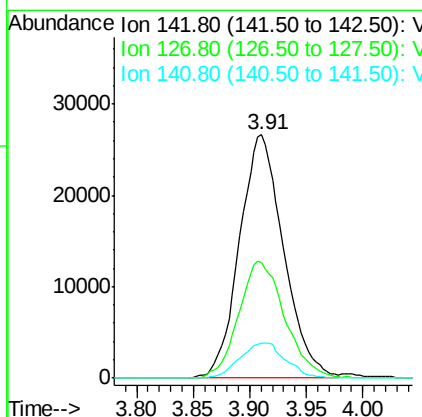
RT: 3.91 min Scan# 675

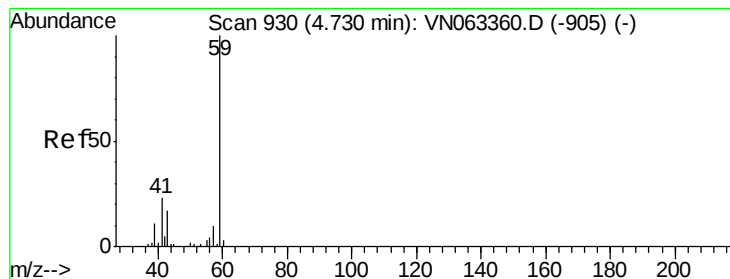
Delta R.T. -0.00 min

Lab File: VN063478.D

Acq: 21 Sep 2020 12:06

Tgt Ion:	142	Resp:	72123
Ion Ratio	Lower	Upper	
142	100		
127	50.2	39.0	58.6
141	14.9	11.6	17.4





#11

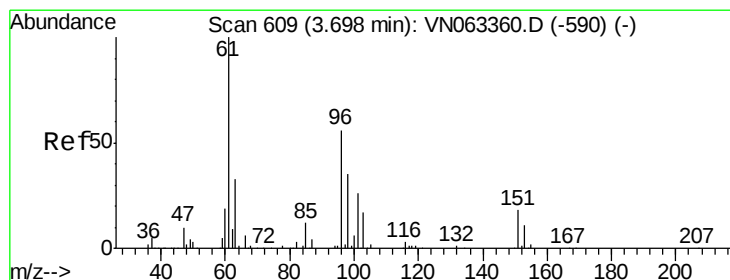
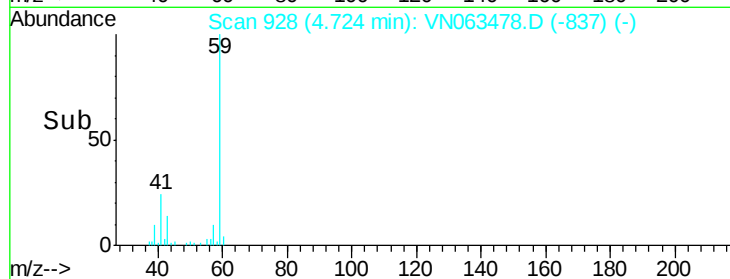
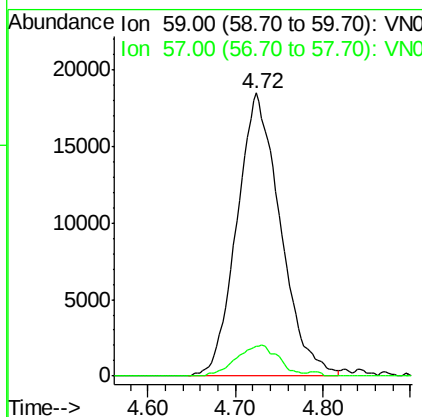
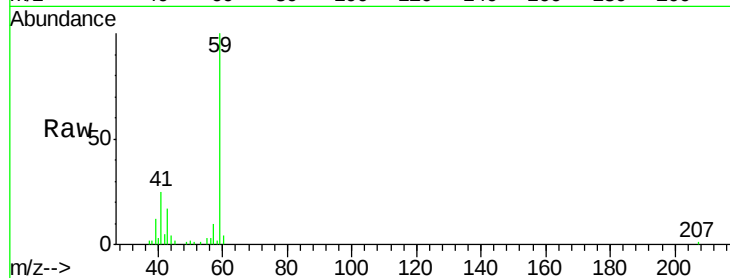
Tert butyl alcohol
Concen: 93.970 ug/l
RT: 4.72 min Scan# 928
Delta R.T. -0.01 min
Lab File: VN063478.D
Acq: 21 Sep 2020 12:06

Instrument :
MSVOA_N
ClientSampleId :
VN0921WBS01

Tot Ion	59	Resp	63768
Ion Ratio	100	Lower	Upper
57	10.5	8.4	12.6

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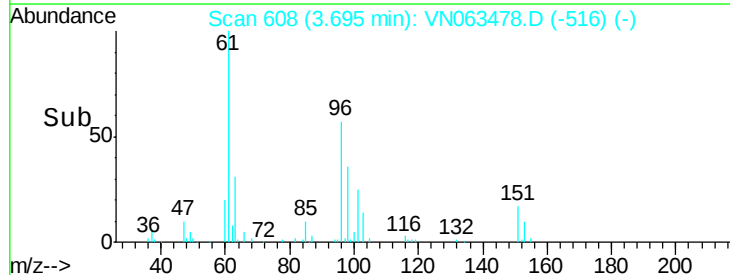
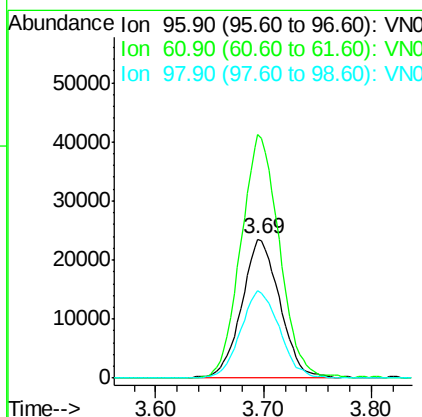
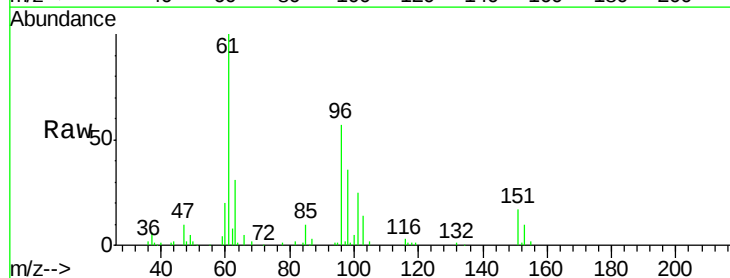
MMDadoda
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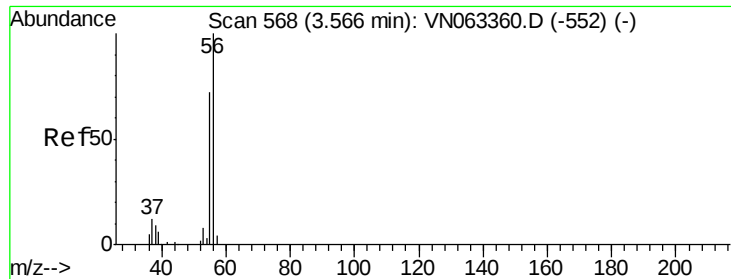


#12

1,1-Dichloroethene
Concen: 17.789 ug/l
RT: 3.69 min Scan# 608
Delta R.T. -0.00 min
Lab File: VN063478.D
Acq: 21 Sep 2020 12:06

Tgt Ion	96	Resp	57767
Ion Ratio	100	Lower	Upper
61	174.9	143.4	215.2
98	62.5	50.6	76.0





#13

Acrolein

Concen: 84.305 ug/l

RT: 3.57 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN063478.D

Acq: 21 Sep 2020 12:06

Instrument :

MSVOA_N

ClientSampleId :

VN0921WBS01

Tot Ion: 56 Resp: 21201

Ion Ratio Lower Upper

56 100

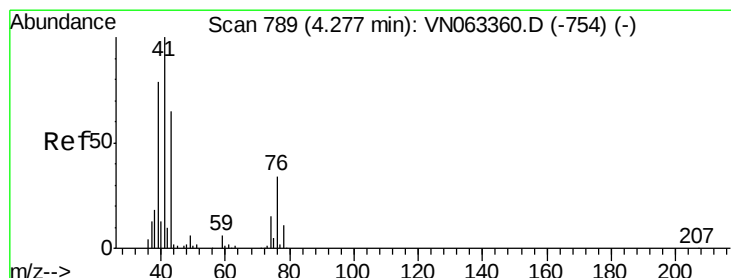
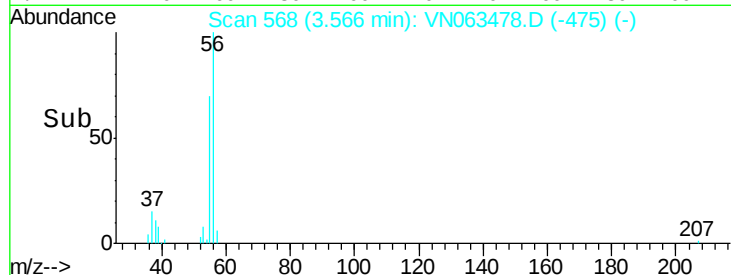
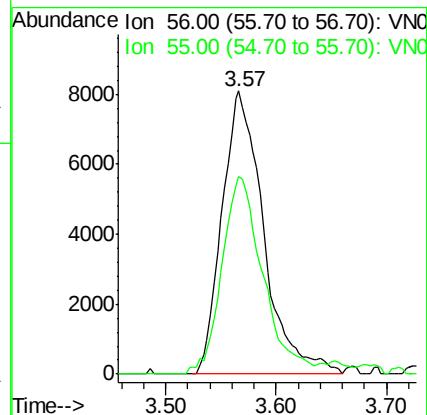
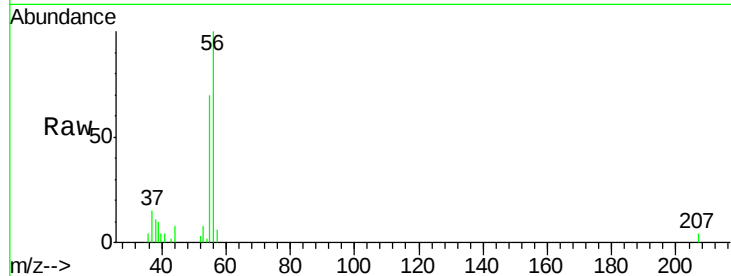
55 68.2 58.2 87.2

Manual Integrations

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#14

Allyl chloride

Concen: 17.314 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063478.D

Acq: 21 Sep 2020 12:06

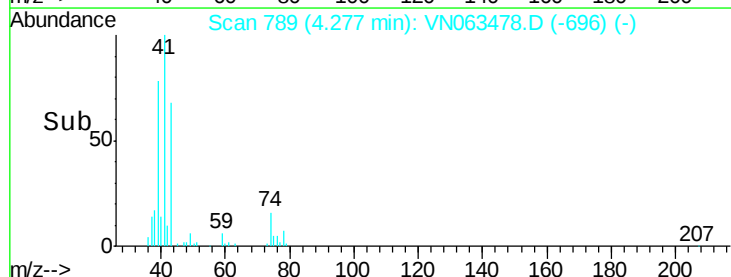
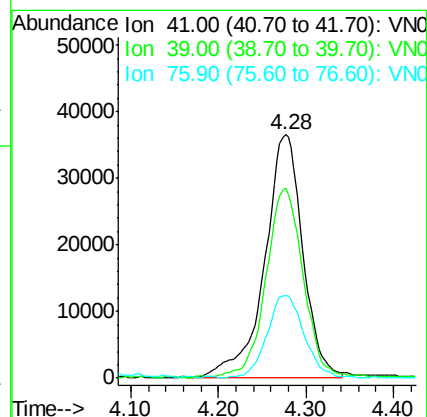
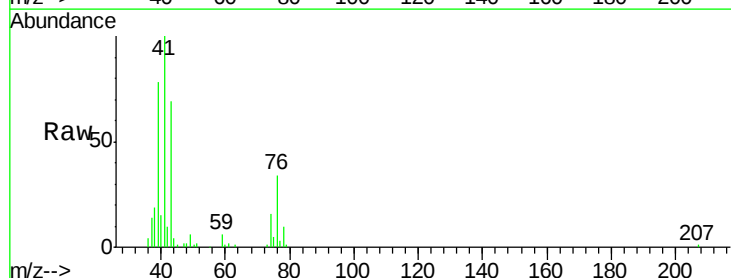
Tgt Ion: 41 Resp: 111210

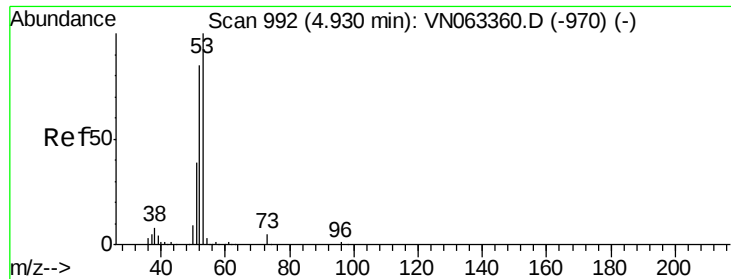
Ion Ratio Lower Upper

41 100

39 73.5 59.3 88.9

76 32.8 25.3 37.9





#15

Acrylonitrile

Concen: 89.931 ug/l

RT: 4.93 min Scan# 991

Delta R.T. -0.00 min

Lab File: VN063478.D

Acq: 21 Sep 2020 12:06

Instrument :

MSVOA_N

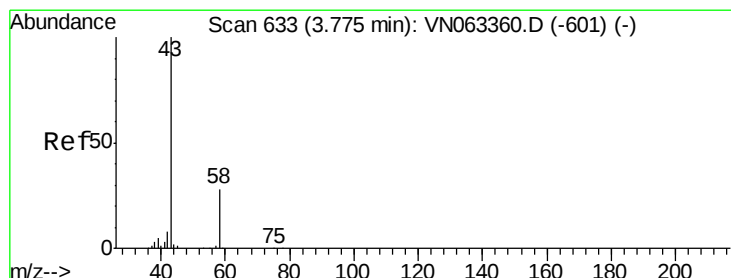
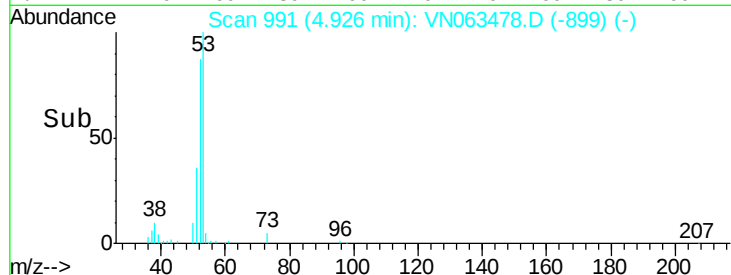
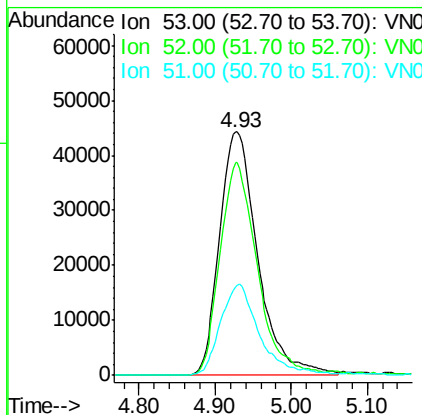
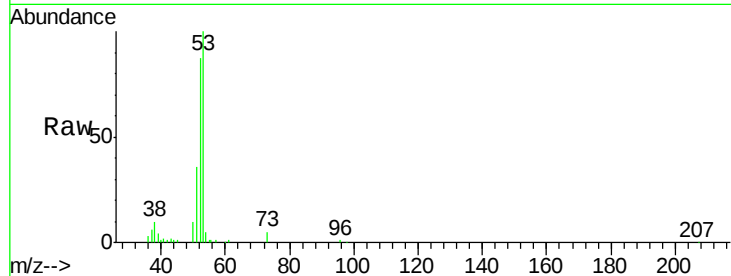
ClientSampleId :

VN0921WBS01

Tot Ion:	53	Resp:	155233
Ion Ratio	Lower	Upper	
53	100		
52	84.7	66.4	99.6
51	36.9	30.2	45.4

Manual Integrations
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#16

Acetone

Concen: 87.647 ug/l

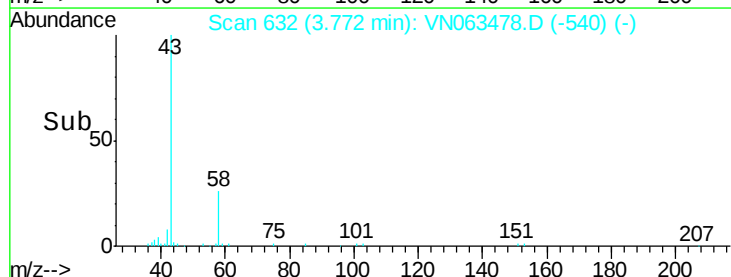
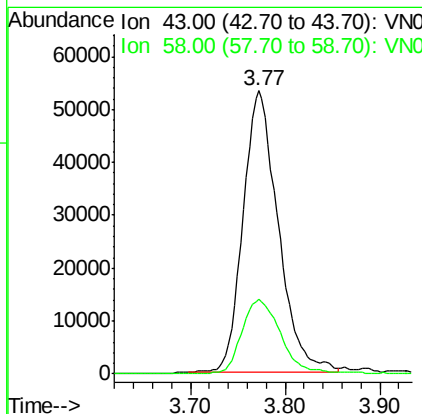
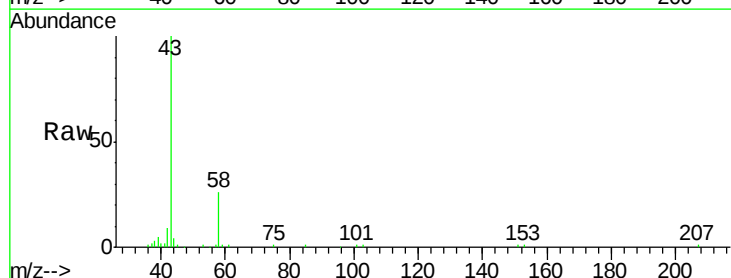
RT: 3.77 min Scan# 632

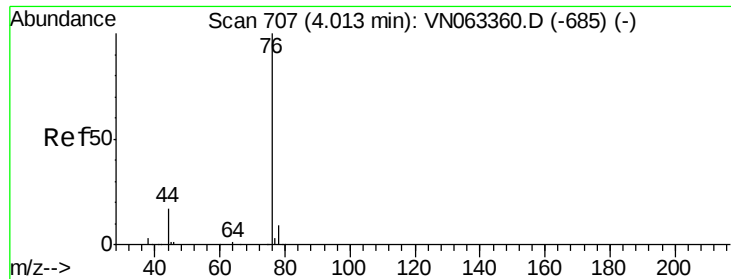
Delta R.T. -0.00 min

Lab File: VN063478.D

Acq: 21 Sep 2020 12:06

Tgt Ion:	43	Resp:	137979
Ion Ratio	Lower	Upper	
43	100		
58	26.4	22.3	33.5





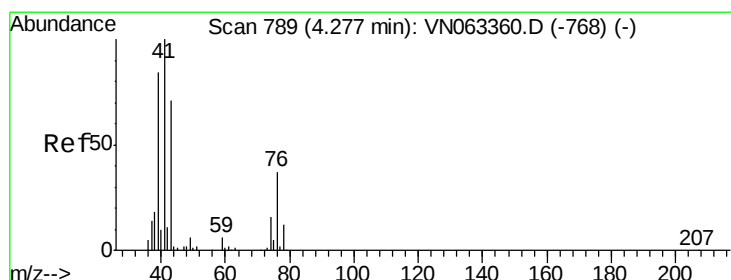
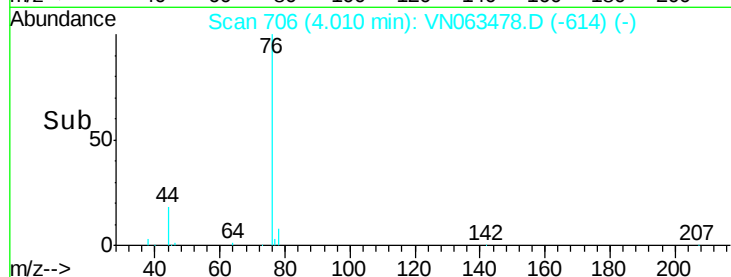
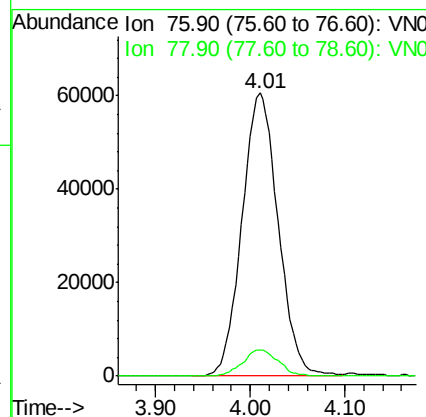
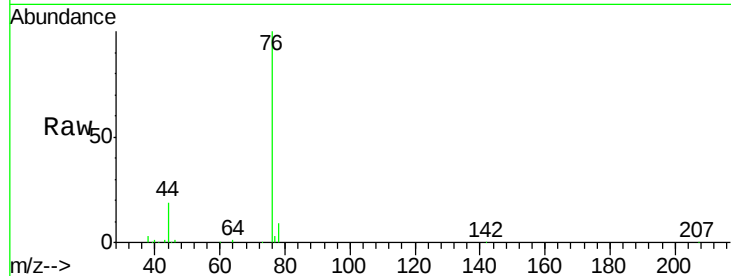
#17
Carbon Disulfide
Concen: 17.037 ug/l
RT: 4.01 min Scan# 706
Delta R.T. -0.00 min
Lab File: VN063478.D
Acq: 21 Sep 2020 12:06

Instrument :
MSVOA_N
ClientSampleId :
VN0921WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.2	10.8

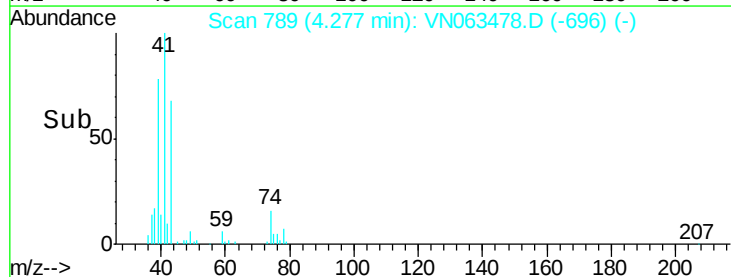
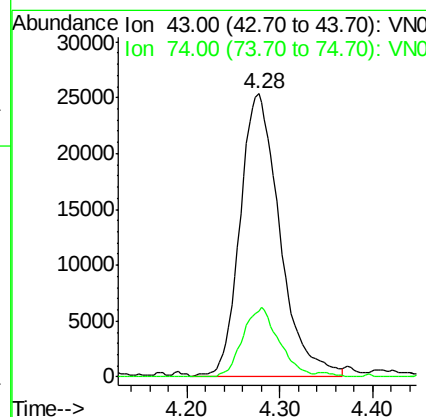
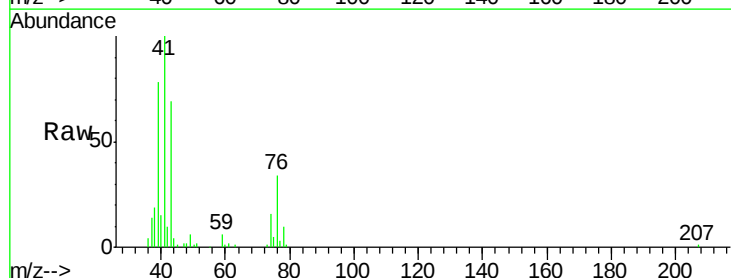
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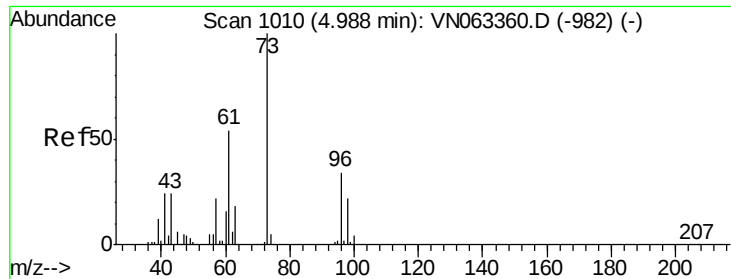
MMDadoda
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#18
Methyl Acetate
Concen: 18.956 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN063478.D
Acq: 21 Sep 2020 12:06

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.1	17.4	26.2





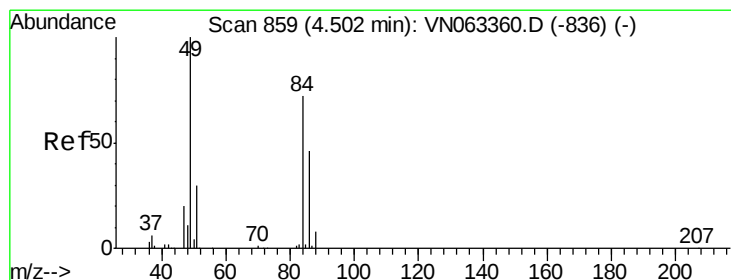
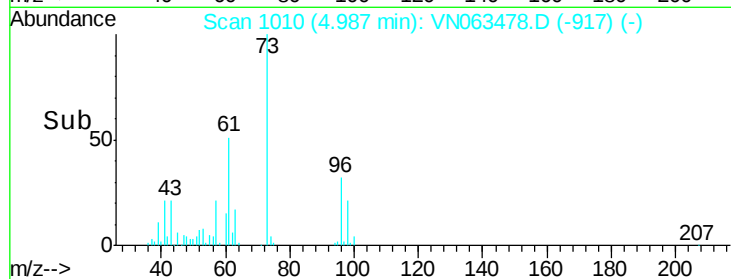
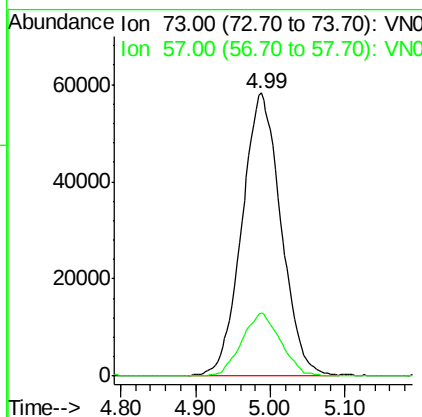
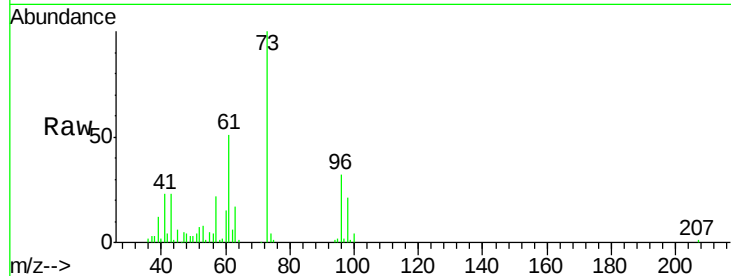
#19
Methyl tert-butyl Ether
Concen: 17.489 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. -0.00 min
Lab File: VN063478.D
Acq: 21 Sep 2020 12:06

Instrument :
MSVOA_N
ClientSampleId :
VN0921WBS01

Tot Ion	73	Resp	211673
Ion Ratio	100	Lower	Upper
57	22.3	17.9	26.9

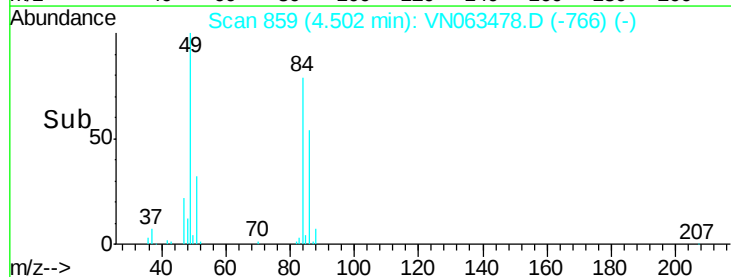
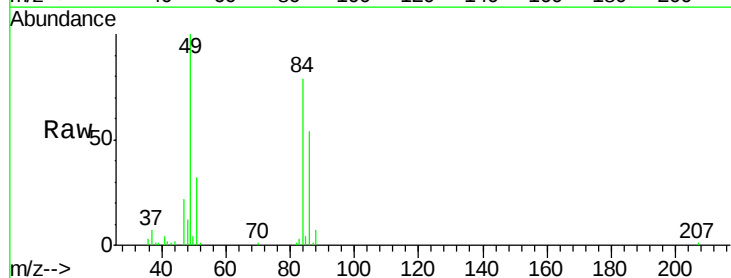
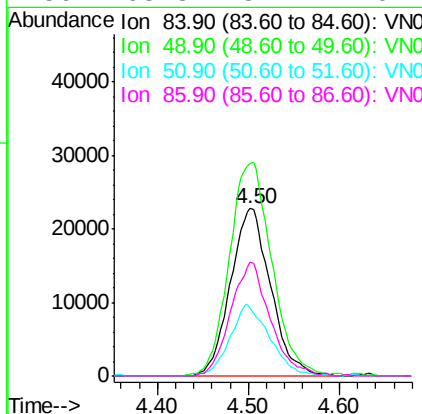
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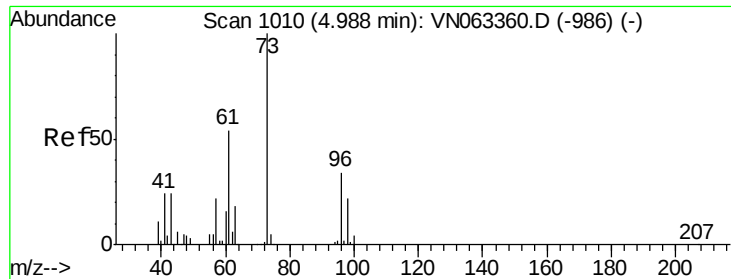
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#20
Methylene Chloride
Concen: 17.486 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN063478.D
Acq: 21 Sep 2020 12:06

Tgt Ion	84	Resp	69745
Ion Ratio	100	Lower	Upper
49	126.2	110.7	166.1
51	40.5	32.9	49.3
86	68.3	51.1	76.7





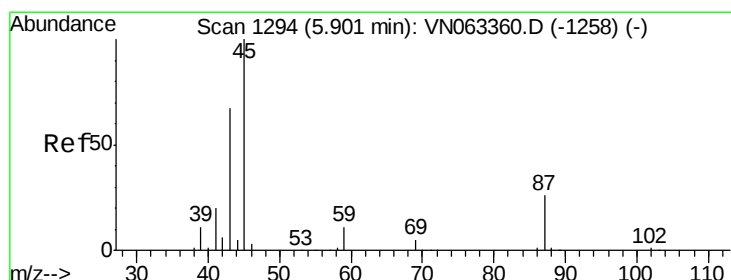
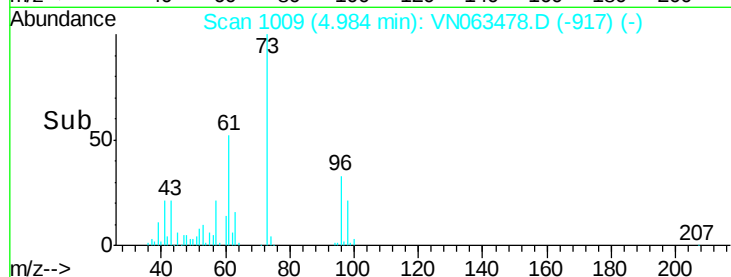
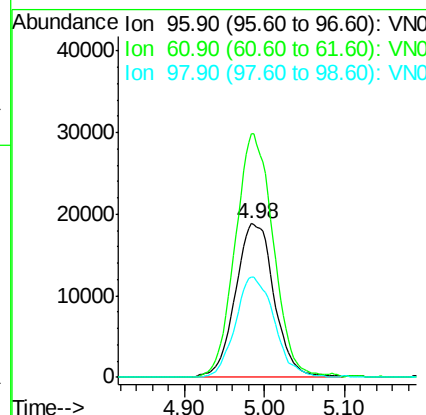
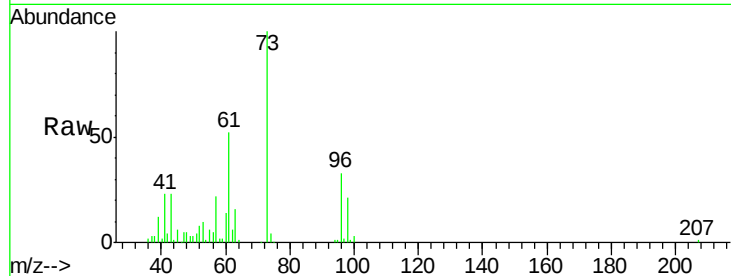
#21
trans-1,2-Dichloroethene
Concen: 17.289 ug/l
RT: 4.98 min Scan# 1009
Delta R.T. -0.00 min
Lab File: VN063478.D
Acq: 21 Sep 2020 12:06

Instrument :
MSVOA_N
ClientSampleId :
VN0921WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	158.4	126.2	189.4
98	65.6	51.0	76.4

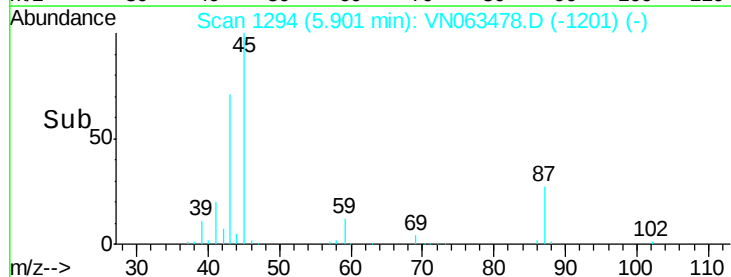
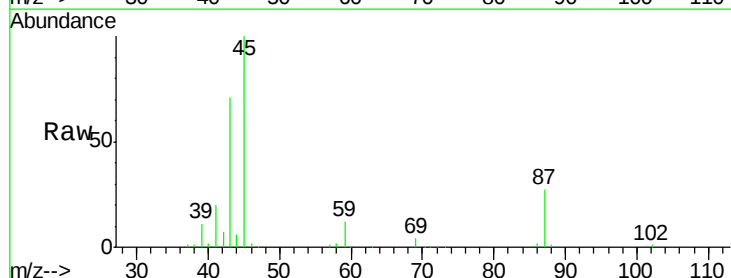
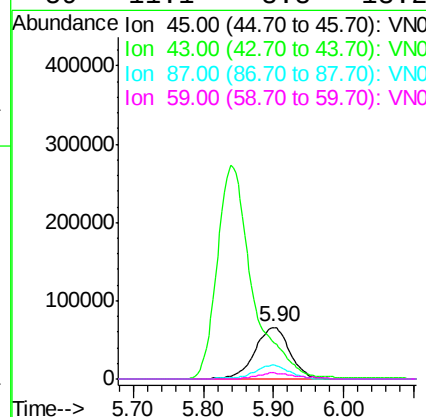
Manual Integrations
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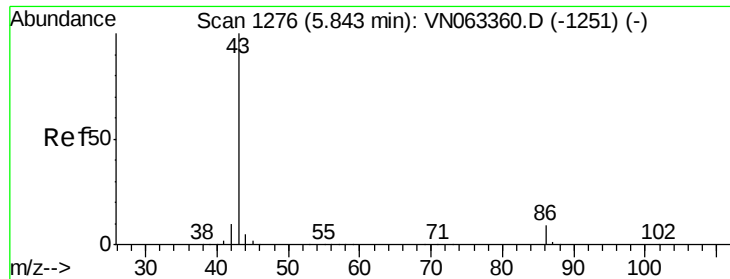
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#22
Diisopropyl ether
Concen: 17.454 ug/l
RT: 5.90 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VN063478.D
Acq: 21 Sep 2020 12:06

Tgt Ion	Ratio	Lower	Upper
45	100		
43	68.1	53.5	80.3
87	26.4	21.2	31.8
59	11.1	8.8	13.2





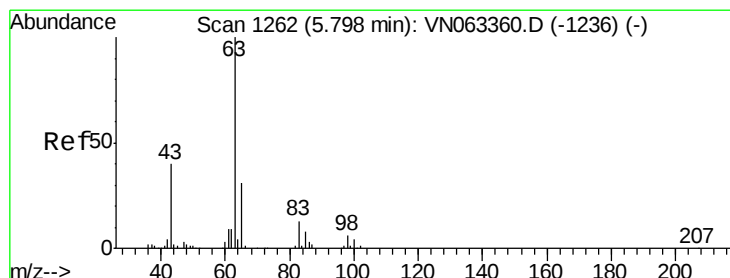
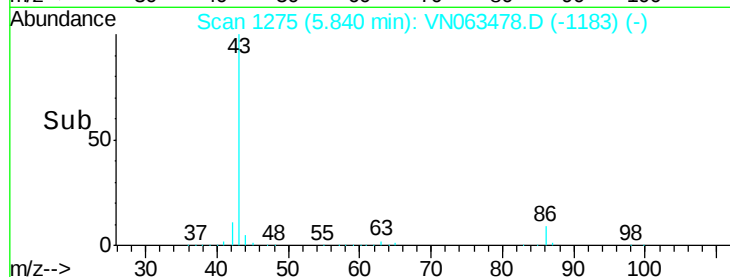
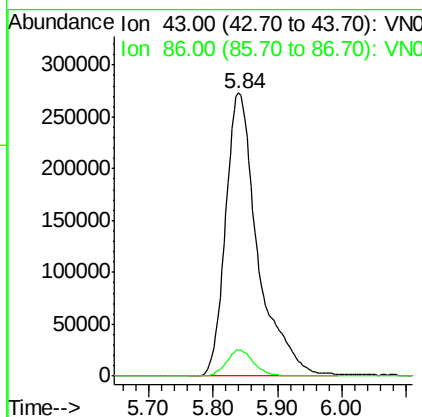
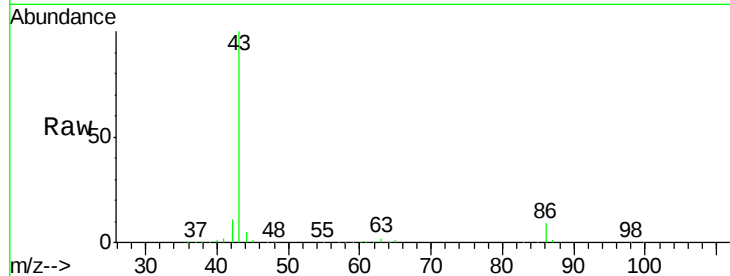
#23
 Vinyl Acetate
 Concen: 88.300 ug/l
 RT: 5.84 min Scan# 1275
 Delta R.T. -0.00 min
 Lab File: VN063478.D
 Acq: 21 Sep 2020 12:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBS01

Tot Ion	43	Resp	949998
Ion Ratio	100	Lower	Upper
43	100		
86	9.4	7.1	10.7

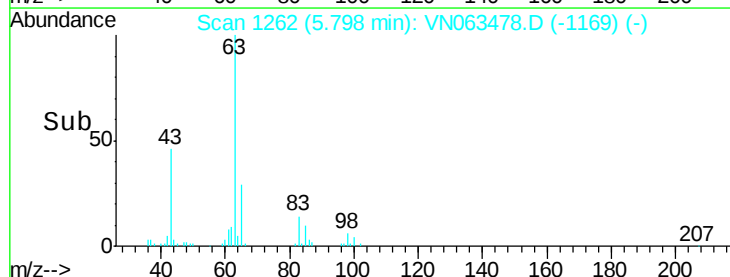
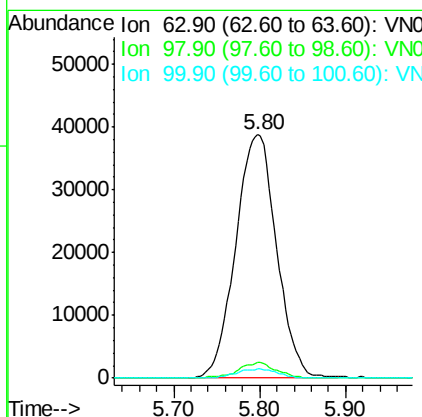
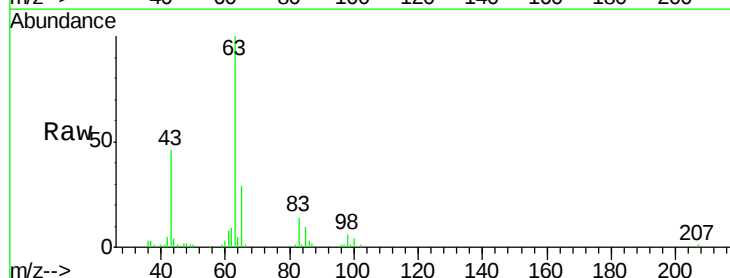
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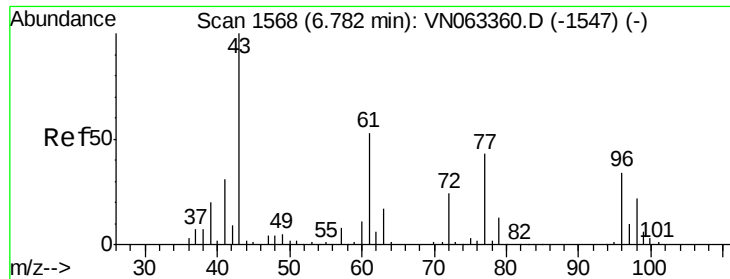
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 9/22/2020 2:07:03 PM



#24
 1,1-Dichloroethane
 Concen: 17.895 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. -0.00 min
 Lab File: VN063478.D
 Acq: 21 Sep 2020 12:06

Tgt Ion	63	Resp	127984
Ion Ratio	100	Lower	Upper
63	100		
98	6.4	2.9	8.8
100	3.8	2.1	6.3





#25

2-Butanone

Concen: 89.061 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VN063478.D

Acq: 21 Sep 2020 12:06

Instrument :

MSVOA_N

ClientSampleId :

VN0921WBS01

Tot Ion: 43 Resp: 215633

Ion Ratio Lower Upper

43 100

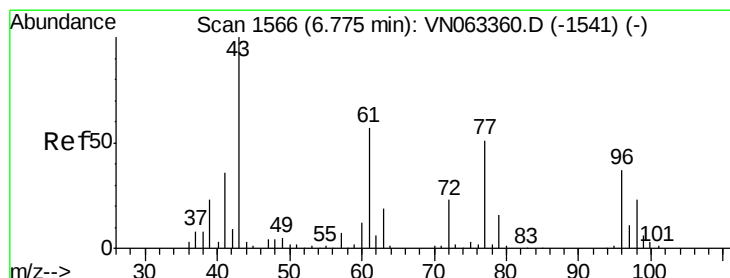
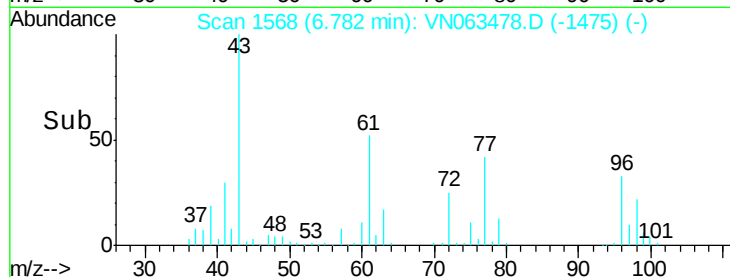
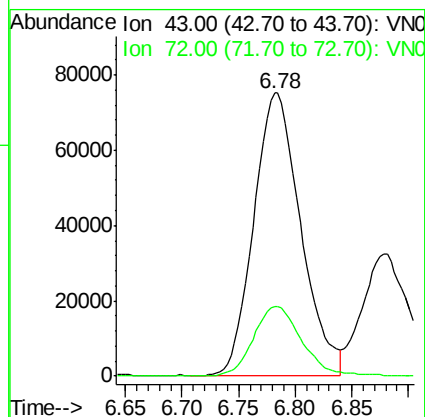
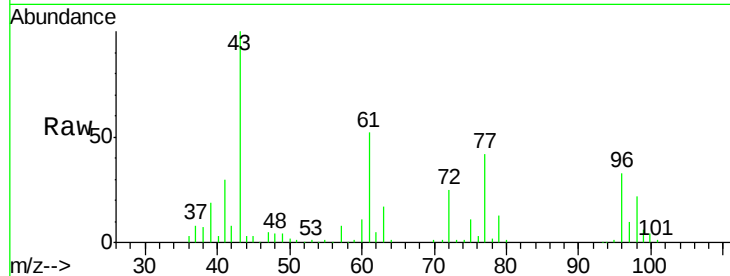
72 24.8 19.2 28.8

Manual Integrations

APPROVED

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#26

2,2-Dichloropropane

Concen: 17.848 ug/l

RT: 6.77 min Scan# 1565

Delta R.T. -0.00 min

Lab File: VN063478.D

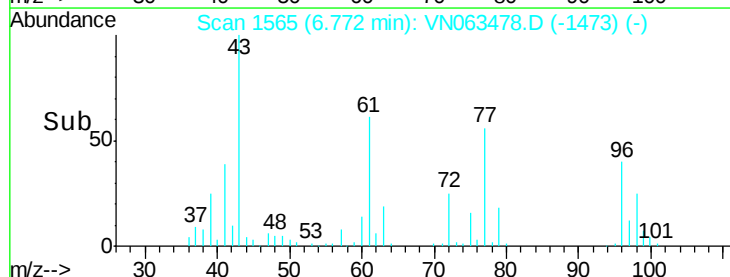
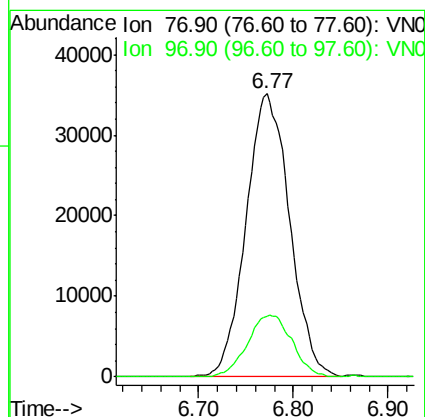
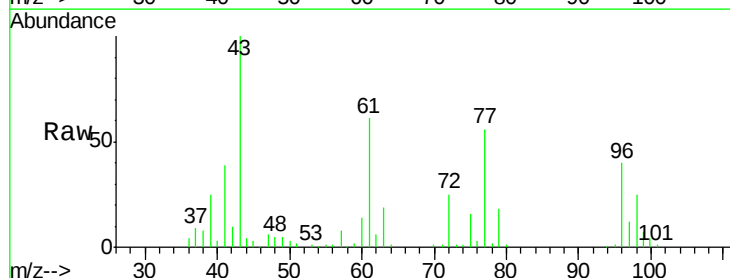
Acq: 21 Sep 2020 12:06

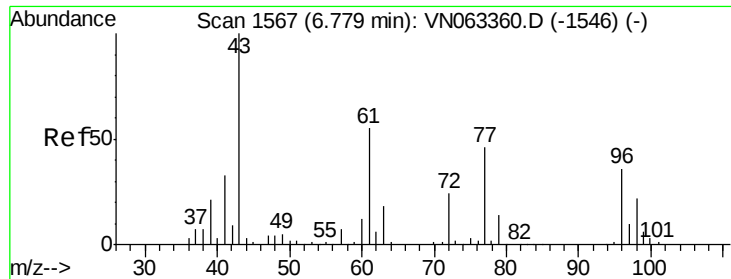
Tgt Ion: 77 Resp: 112390

Ion Ratio Lower Upper

77 100

97 22.2 10.5 31.6





#27

cis-1,2-Dichloroethene

Concen: 18.383 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VN063478.D

Acq: 21 Sep 2020 12:06

Instrument :

MSVOA_N

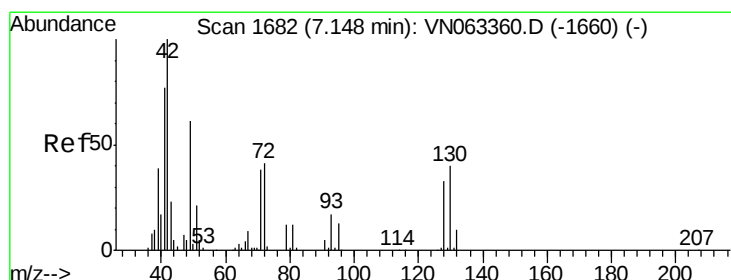
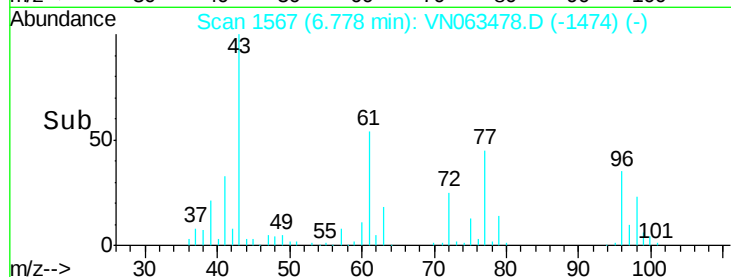
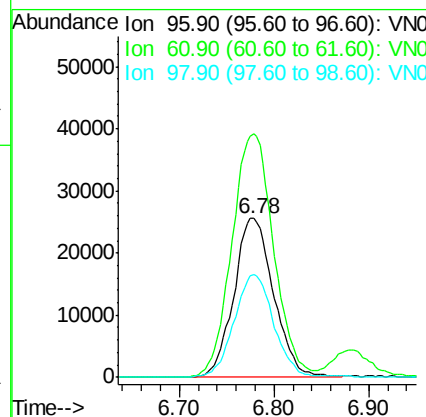
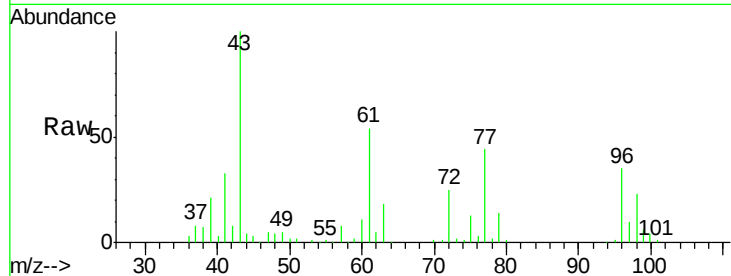
ClientSampleId :

VN0921WBS01

Tot Ion:	96	Resp:	74861
Ion	Ratio	Lower	Upper
96	100		
61	160.1	0.0	319.6
98	64.3	0.0	127.8

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#28

Bromochloromethane

Concen: 17.658 ug/l

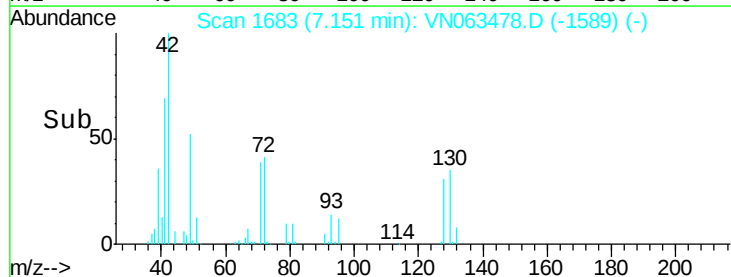
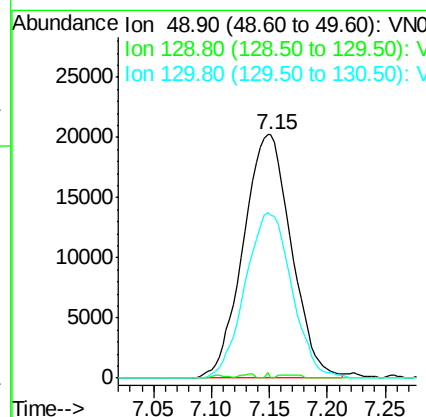
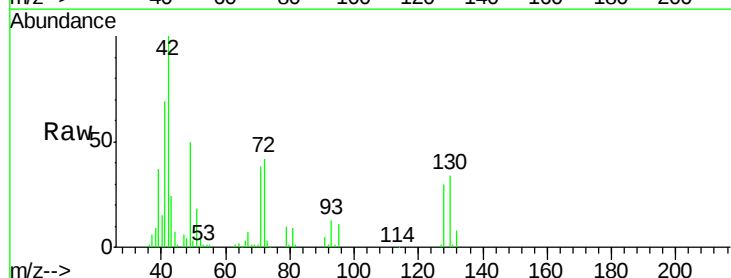
RT: 7.15 min Scan# 1683

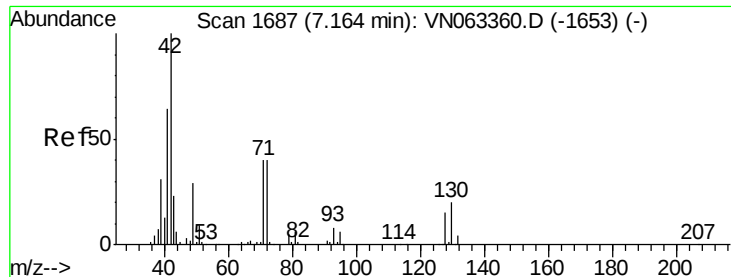
Delta R.T. 0.00 min

Lab File: VN063478.D

Acq: 21 Sep 2020 12:06

Tgt Ion:	49	Resp:	58313
Ion	Ratio	Lower	Upper
49	100		
129	0.1	0.0	3.8
130	66.1	52.2	78.2





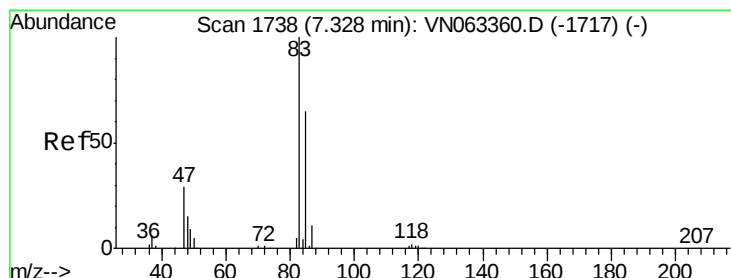
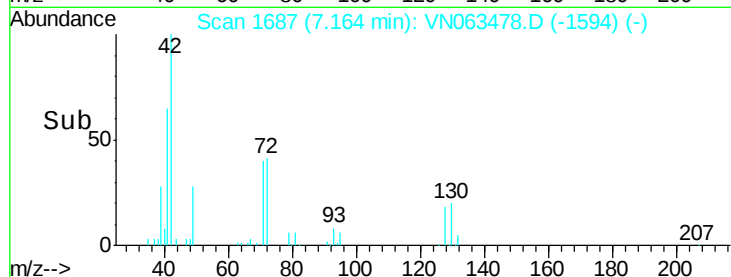
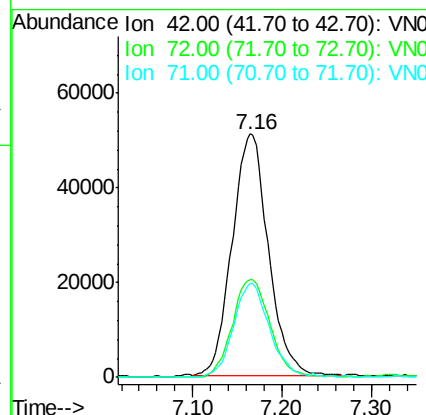
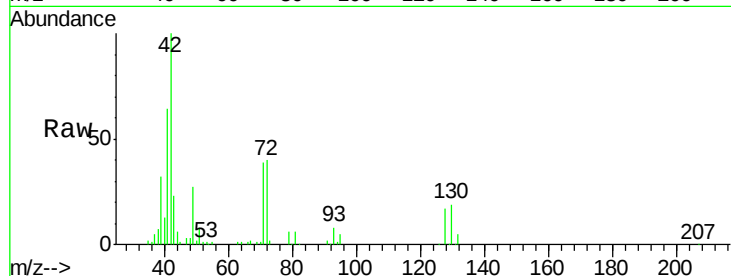
#29
Tetrahydrofuran
Concen: 86.500 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VN063478.D
Acq: 21 Sep 2020 12:06

Instrument :
MSVOA_N
ClientSampleId :
VN0921WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.2	32.1	48.1
71	38.6	31.2	46.8

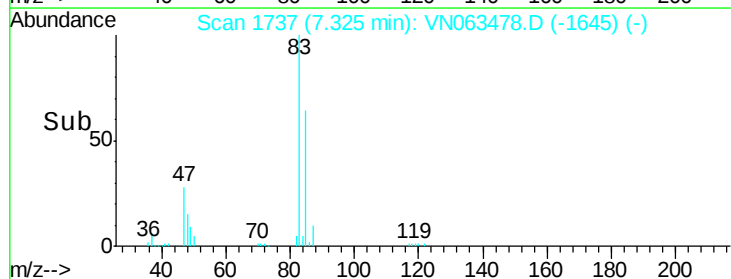
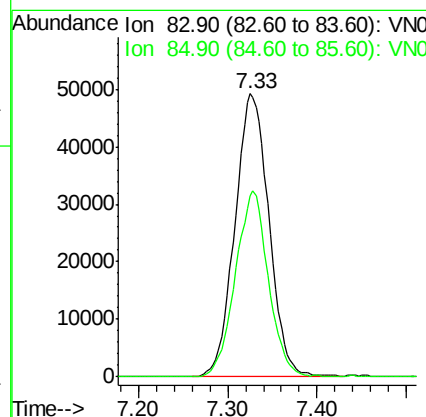
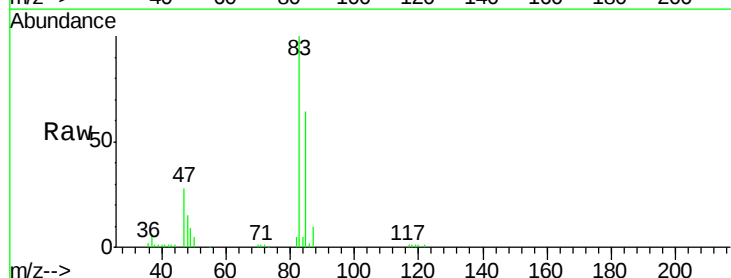
Manual Integrations
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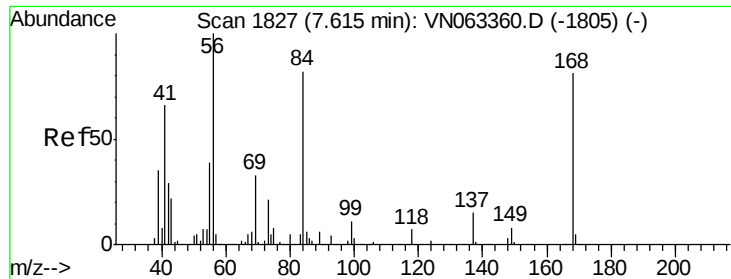
MMDadoda
9/22/2020 2:07:03 PM



#30
Chloroform
Concen: 18.145 ug/l
RT: 7.33 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VN063478.D
Acq: 21 Sep 2020 12:06

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.0	52.1	78.1





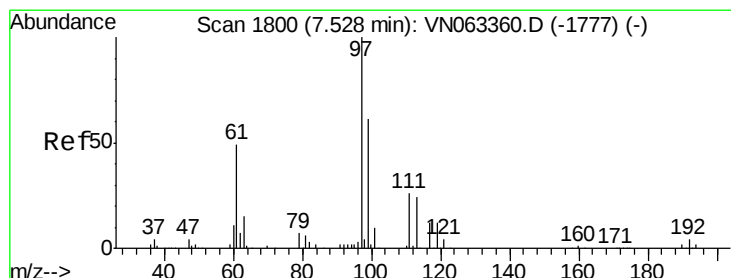
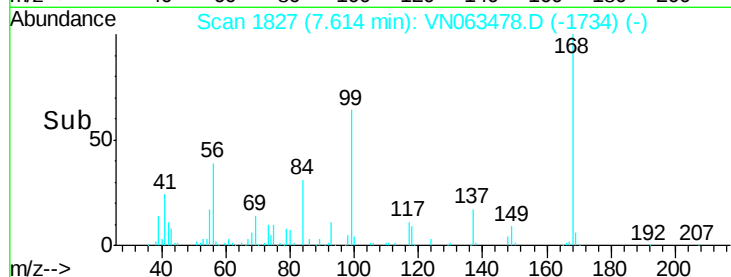
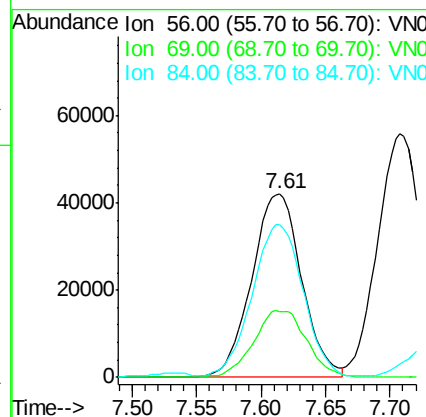
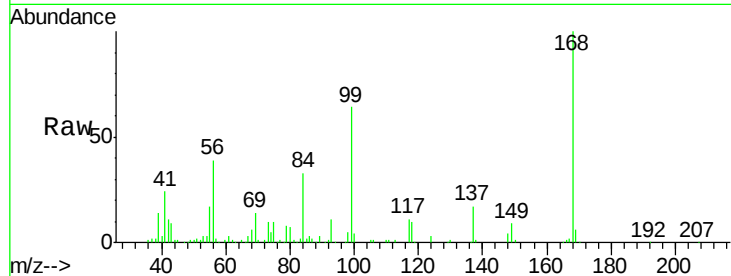
#31
Cyclohexane
Concen: 16.760 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. -0.00 min
Lab File: VN063478.D
Acq: 21 Sep 2020 12:06

Instrument :
MSVOA_N
ClientSampleId :
VN0921WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	35.9	26.1	39.1
84	82.3	65.4	98.2

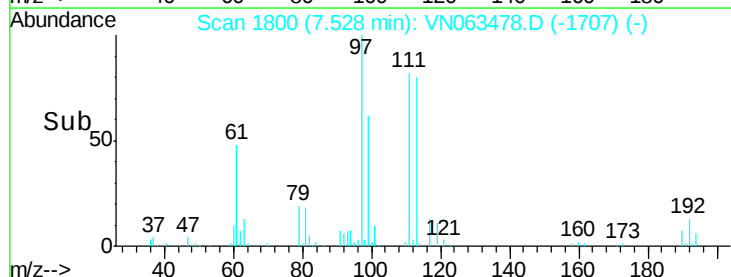
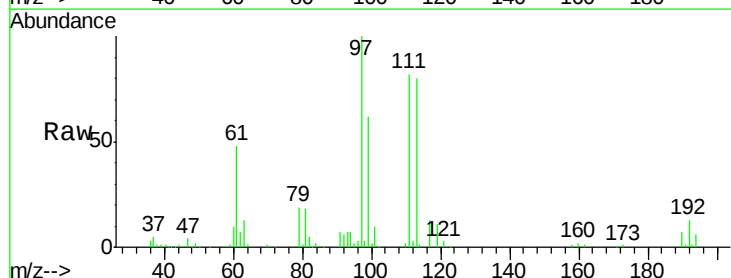
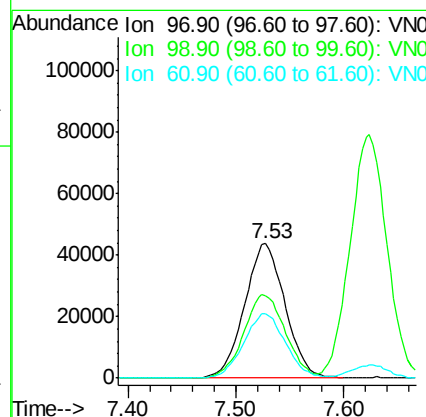
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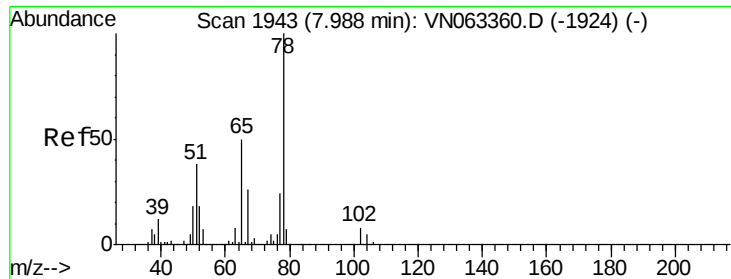
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 17.899 ug/l
RT: 7.53 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VN063478.D
Acq: 21 Sep 2020 12:06

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.7	50.6	76.0
61	49.4	39.2	58.8





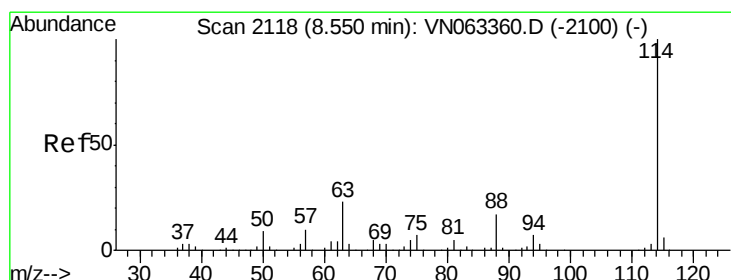
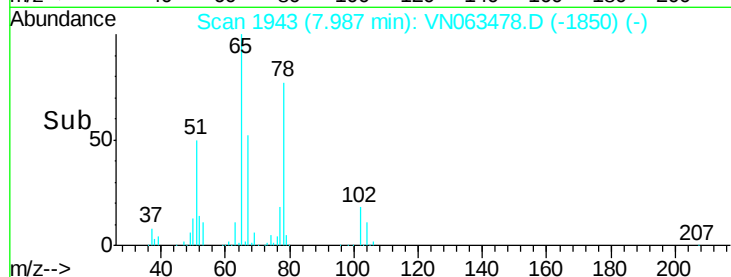
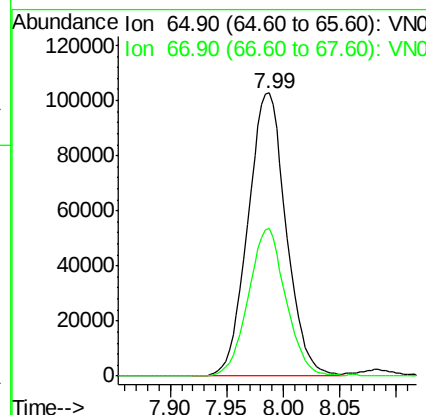
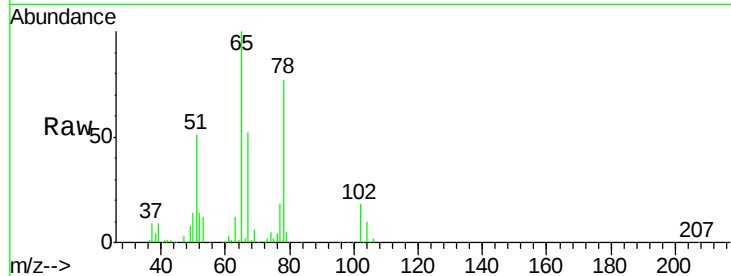
#33
 1,2-Dichloroethane-d4
 Concen: 49.243 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN063478.D
 Acq: 21 Sep 2020 12:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	241214		
67	51.0	0.0	104.2	

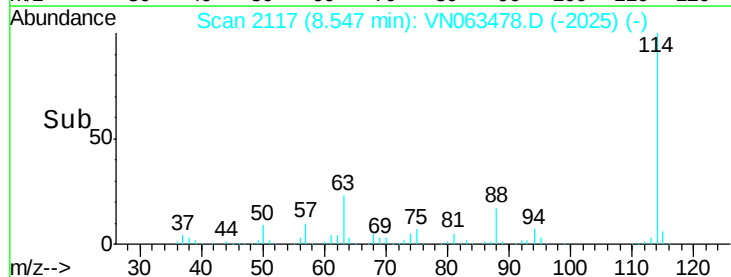
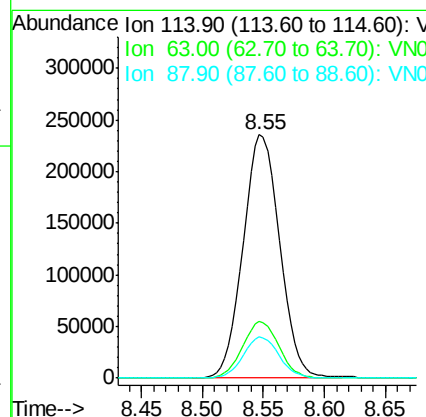
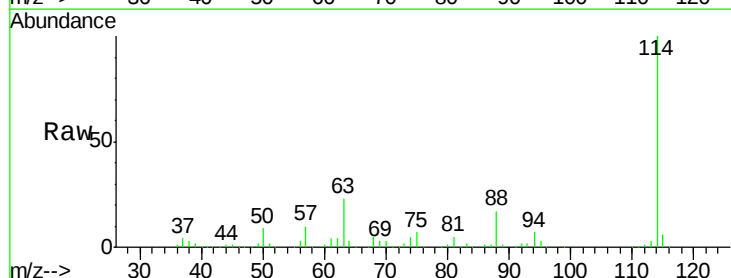
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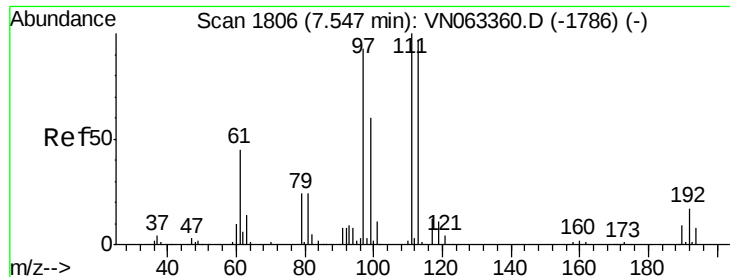
MMDadoda
 9/22/2020 2:07:03 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VN063478.D
 Acq: 21 Sep 2020 12:06

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	488950		
63	23.2	0.0	46.4	
88	16.8	0.0	33.2	





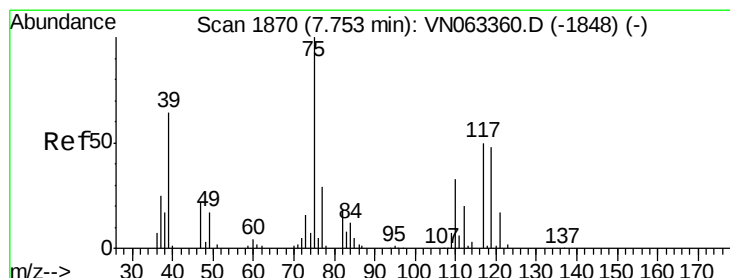
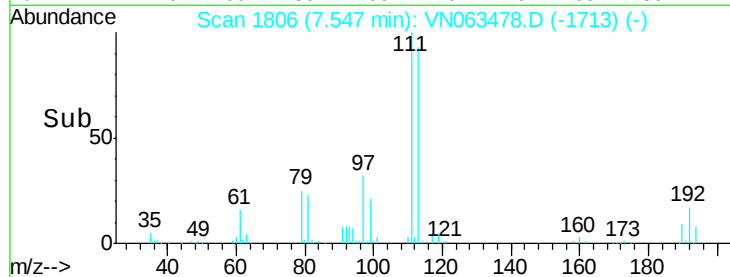
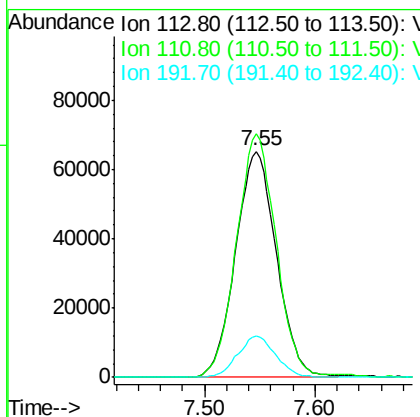
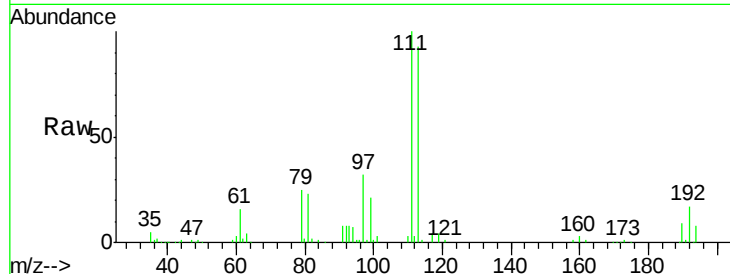
#35
 Dibromofluoromethane
 Concen: 49.419 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN063478.D
 Acq: 21 Sep 2020 12:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	167279		
111	104.6	82.9	124.3	
192	17.1	13.9	20.9	

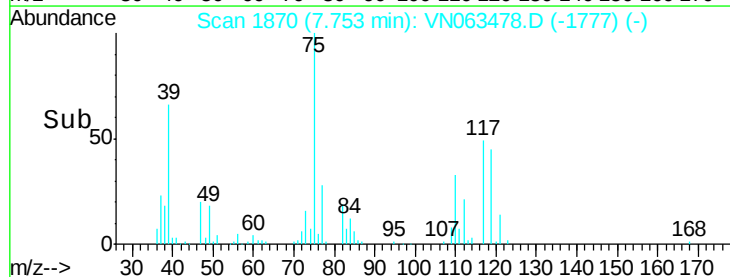
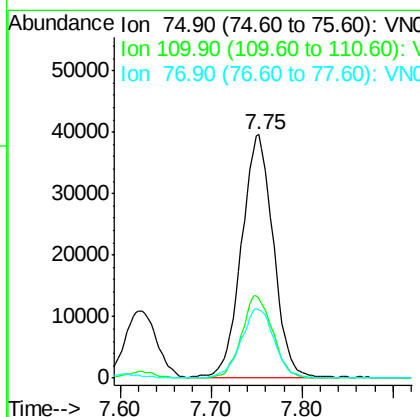
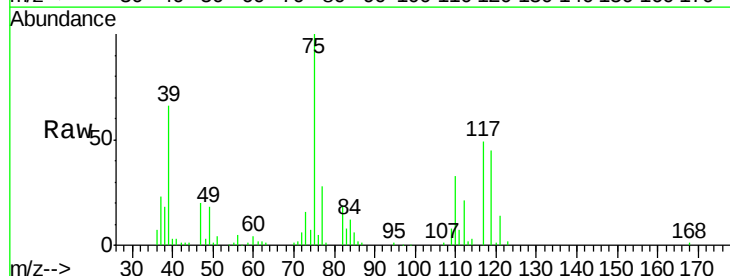
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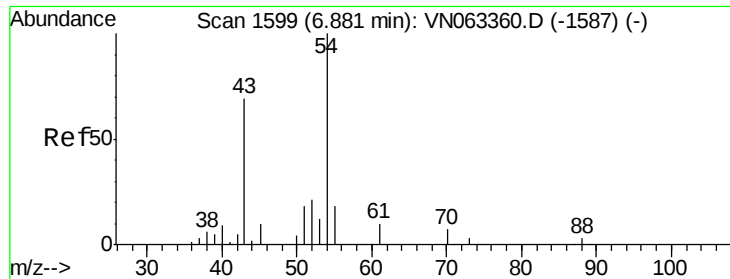
MMDadoda
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#36
 1,1-Dichloropropene
 Concen: 18.531 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: VN063478.D
 Acq: 21 Sep 2020 12:06

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	96528		
110	33.0	16.5	49.5	
77	29.4	24.6	36.8	





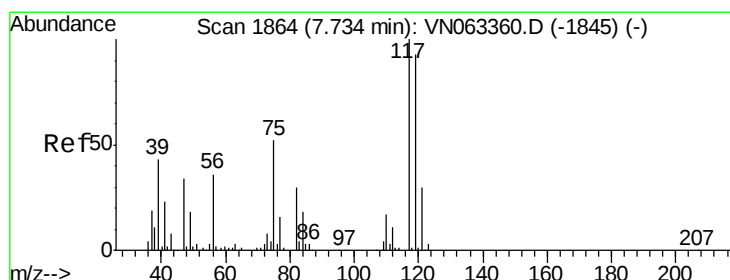
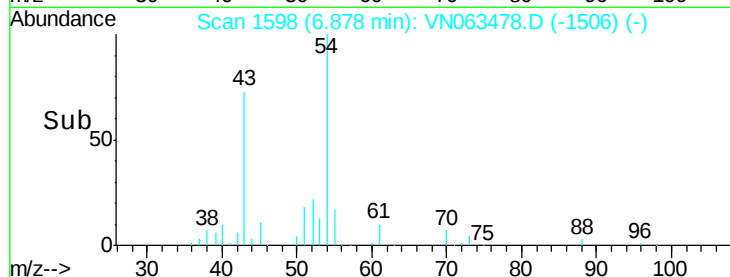
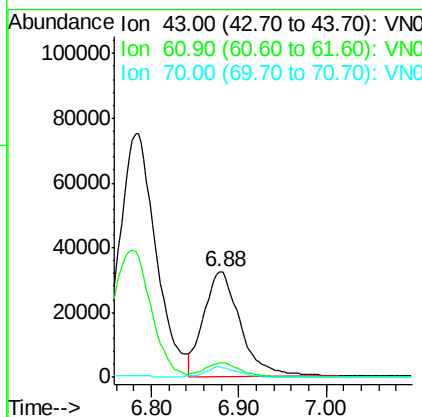
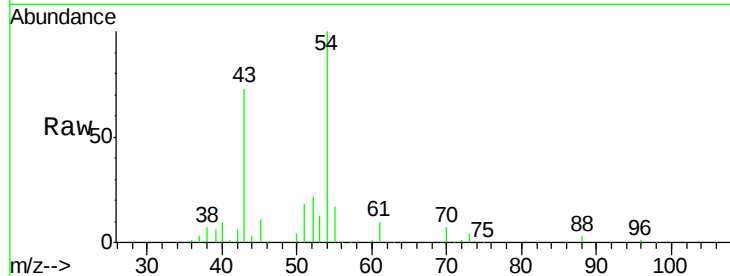
#37
Ethyl Acetate
Concen: 18.480 ug/l
RT: 6.88 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VN063478.D
Acq: 21 Sep 2020 12:06

Instrument :
MSVOA_N
ClientSampled :
VN0921WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.9	10.6	15.8
70	9.0	7.2	10.8

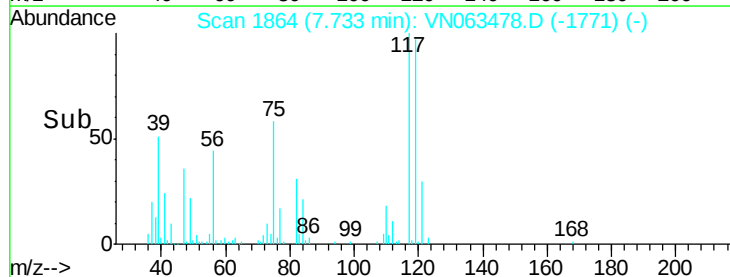
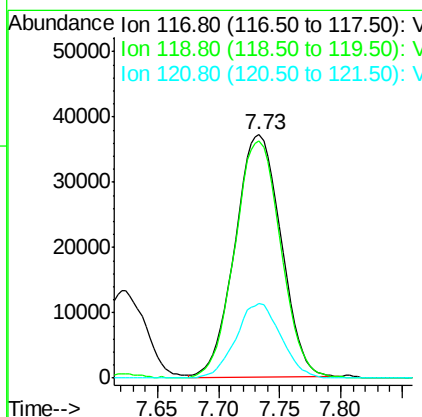
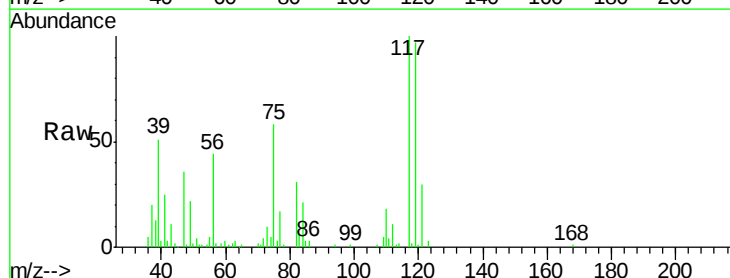
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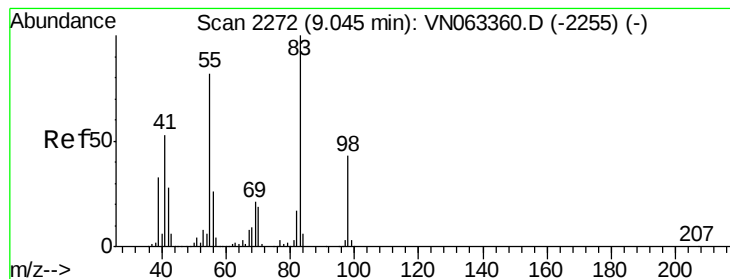
MMDadoda
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#38
Carbon Tetrachloride
Concen: 18.286 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN063478.D
Acq: 21 Sep 2020 12:06

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.8	74.5	111.7
121	30.7	24.1	36.1





#39

Methvlcvclohexane

Concen: 17.893 ug/l

RT: 9.05 min Scan# 2272

Delta R.T. -0.00 min

Lab File: VN063478.D

Acq: 21 Sep 2020 12:06

Instrument :

MSVOA_N

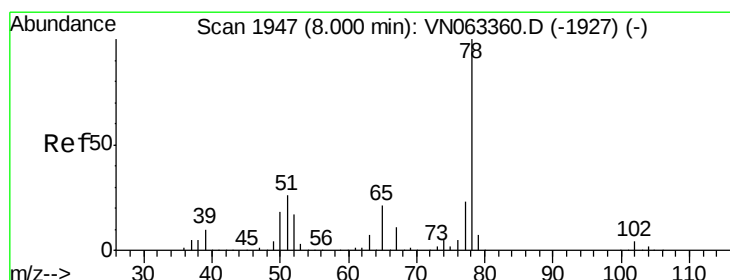
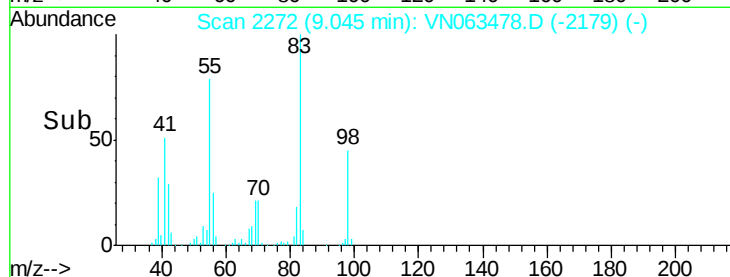
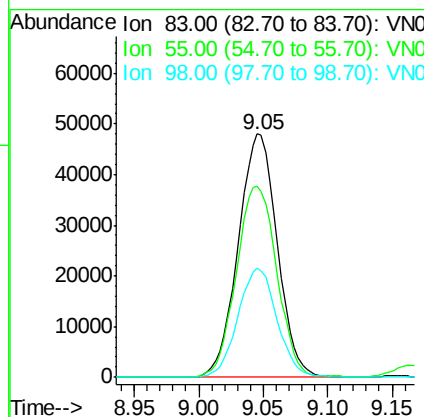
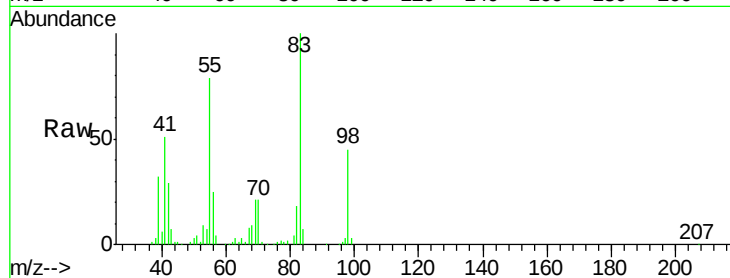
ClientSampleId :

VN0921WBS01

Tot Ion:	83	Resp:	101158
Ion Ratio	Lower	Upper	
83	100		
55	78.6	65.5	98.3
98	44.6	34.2	51.4

Manual Integrations
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#40

Benzene

Concen: 18.297 ug/l

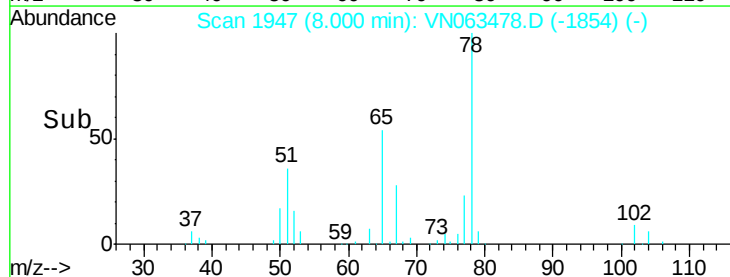
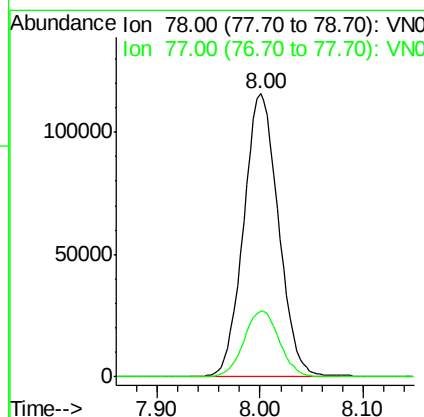
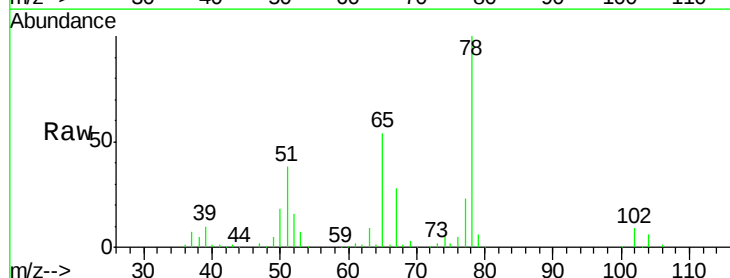
RT: 8.00 min Scan# 1947

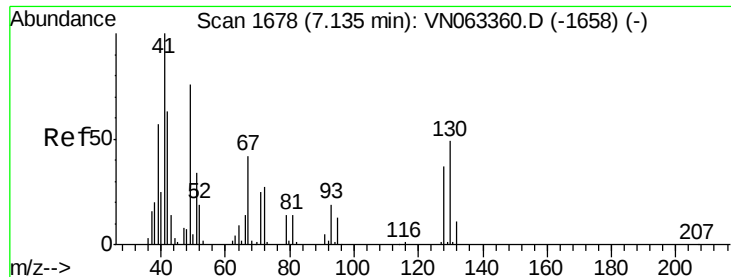
Delta R.T. -0.00 min

Lab File: VN063478.D

Acq: 21 Sep 2020 12:06

Tgt Ion:	78	Resp:	272078
Ion Ratio	Lower	Upper	
78	100		
77	23.1	18.3	27.5





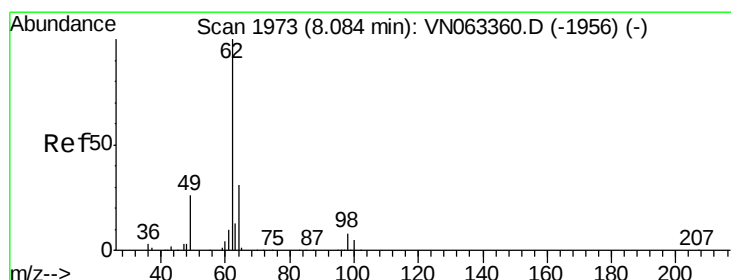
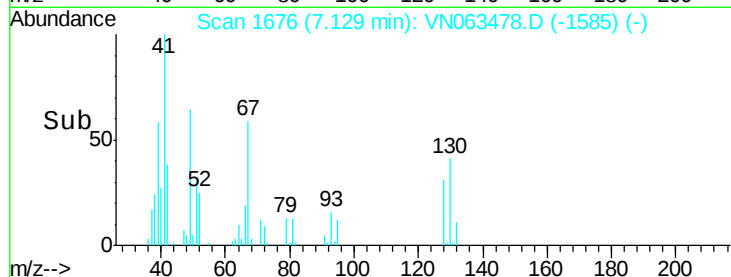
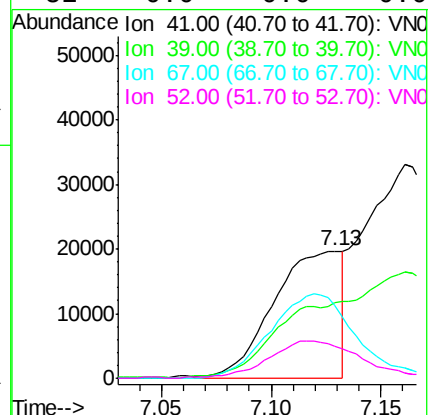
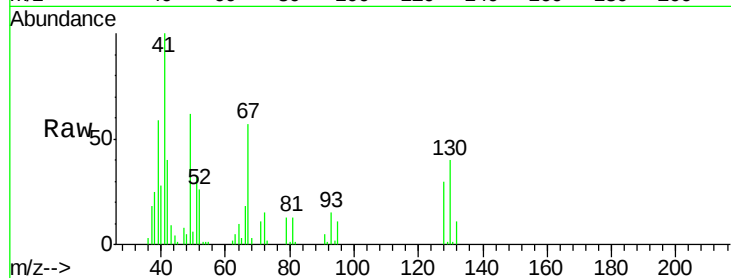
#41
Methacrylonitrile
Concen: 18.560 ug/l m
RT: 7.13 min Scan# 1676
Delta R.T. -0.01 min
Lab File: VN063478.D
Acq: 21 Sep 2020 12:06

Instrument :
MSVOA_N
ClientSampleId :
VN0921WBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	181.2	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

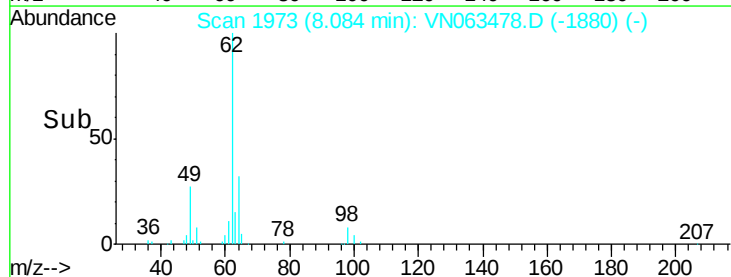
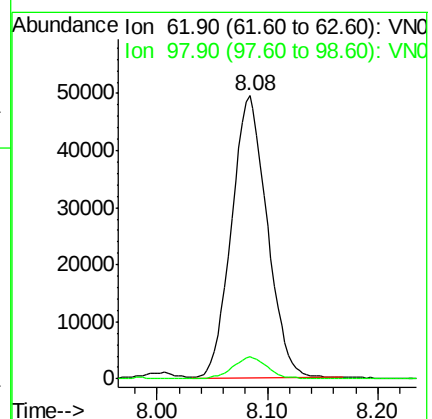
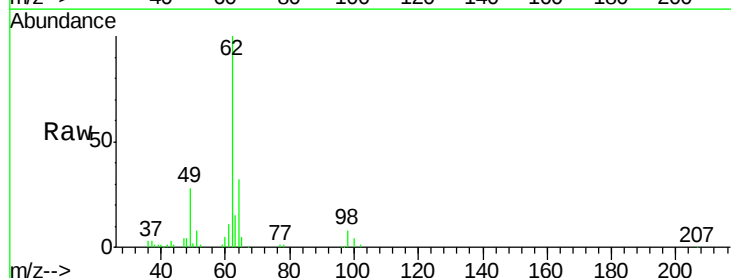
Manual Integrations
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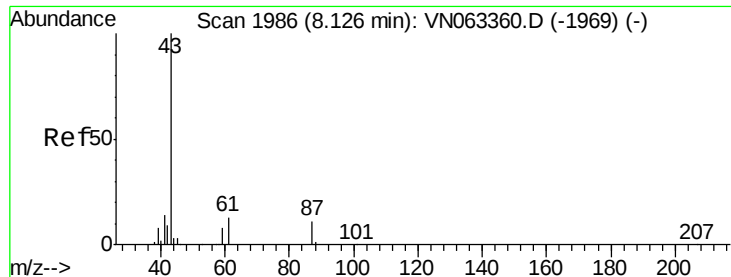
MMDadoda
9/22/2020 2:07:03 PM



#42
1,2-Dichloroethane
Concen: 18.536 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN063478.D
Acq: 21 Sep 2020 12:06

Tgt Ion	Ratio	Lower	Upper
62	100		
98	7.5	0.0	15.6





#43

Isopropyl Acetate

Concen: 17.379 ug/l

RT: 8.12 min Scan# 1985

Delta R.T. -0.00 min

Lab File: VN063478.D

Acq: 21 Sep 2020 12:06

Instrument :

MSVOA_N

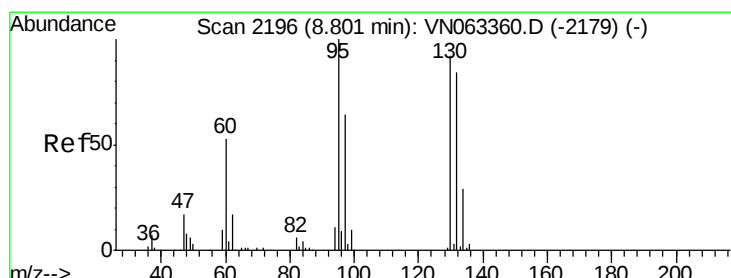
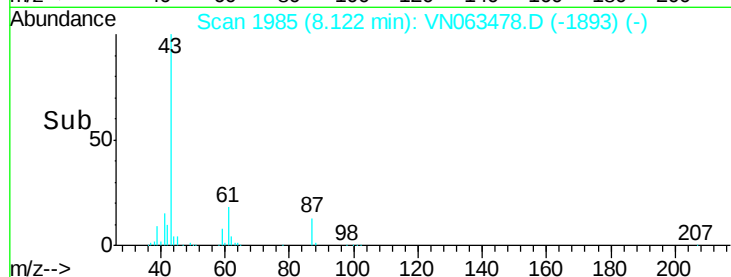
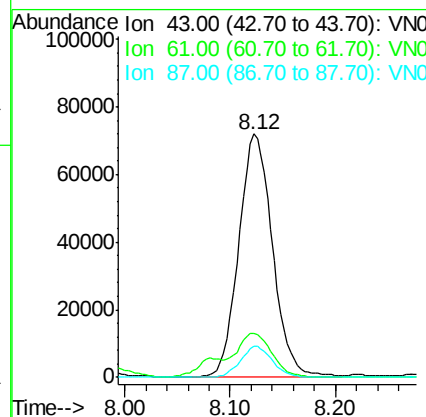
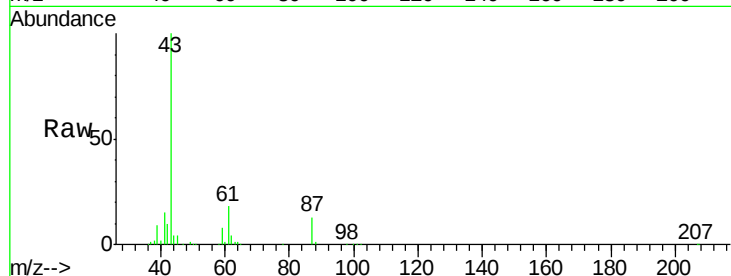
ClientSampleId :

VN0921WBS01

Tot Ion:	43	Resp:	158874
Ion	Ratio	Lower	Upper
43	100		
61	18.2	14.2	21.2
87	12.1	9.0	13.6

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#44

Trichloroethene

Concen: 19.266 ug/l

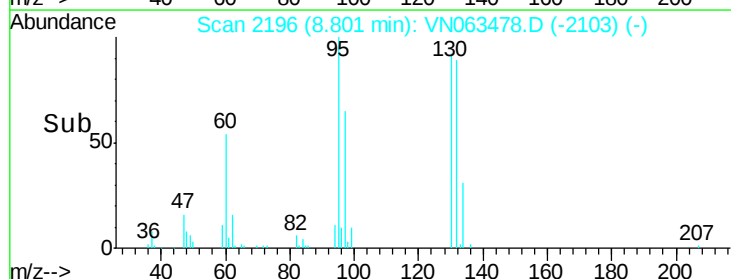
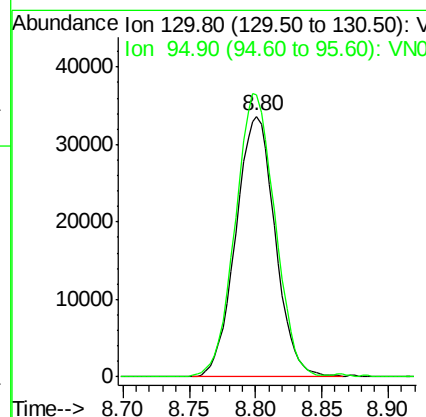
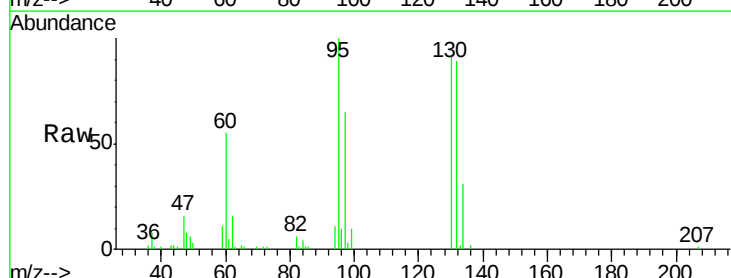
RT: 8.80 min Scan# 2196

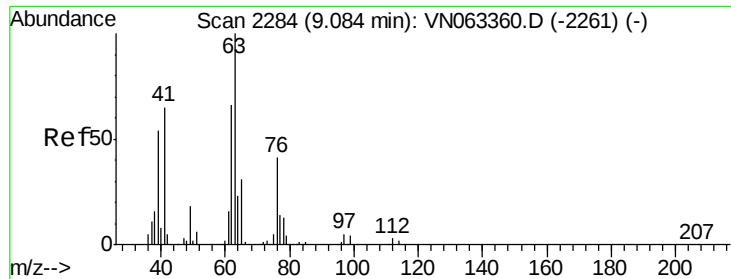
Delta R.T. -0.00 min

Lab File: VN063478.D

Acq: 21 Sep 2020 12:06

Tgt Ion:	130	Resp:	69484
Ion	Ratio	Lower	Upper
130	100		
95	107.5	0.0	217.4





#45

1,2-Dichloropropane

Concen: 18.652 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN063478.D

Acq: 21 Sep 2020 12:06

Instrument :

MSVOA_N

ClientSampleId :

VN0921WBS01

Tot Ion: 63 Resp: 75538

Ion Ratio Lower Upper

63 100

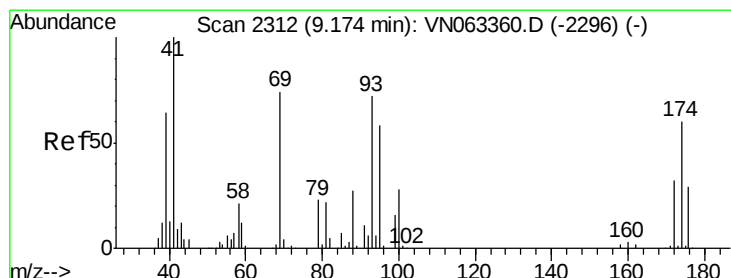
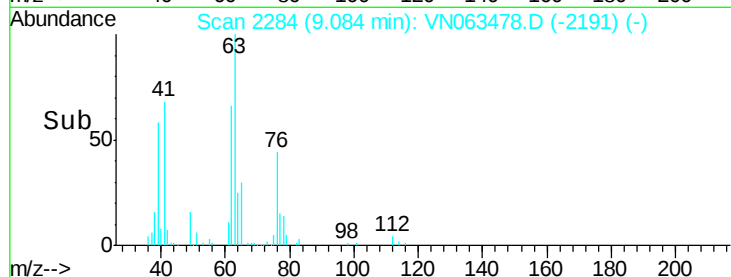
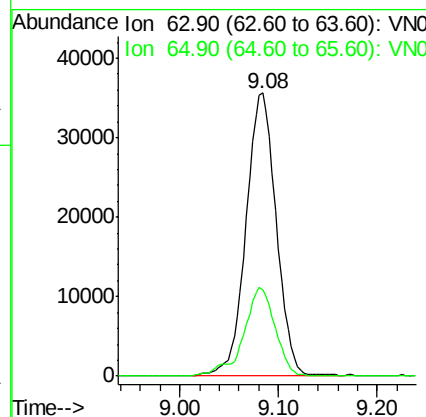
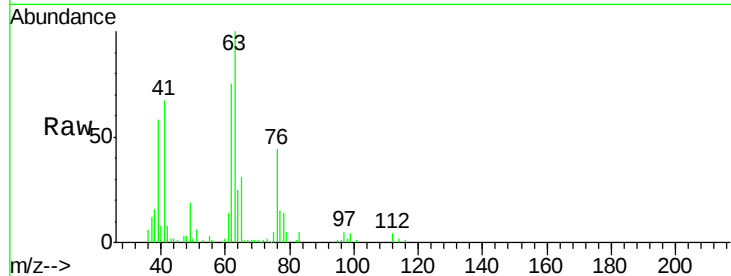
65 30.7 25.0 37.6

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#46

Dibromomethane

Concen: 18.983 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN063478.D

Acq: 21 Sep 2020 12:06

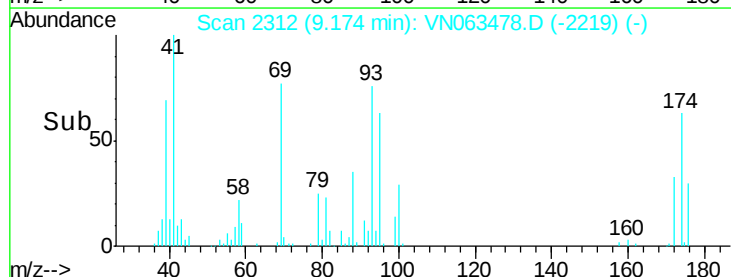
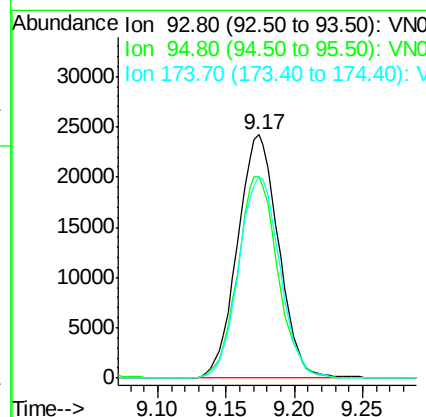
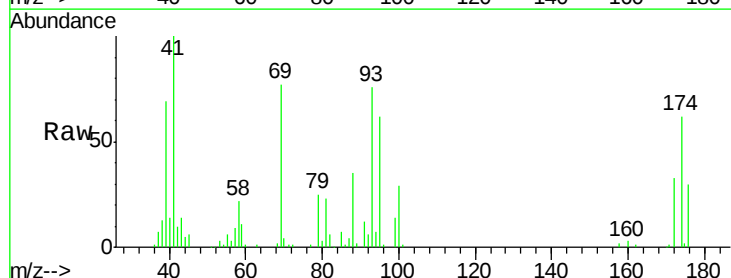
Tgt Ion: 93 Resp: 50531

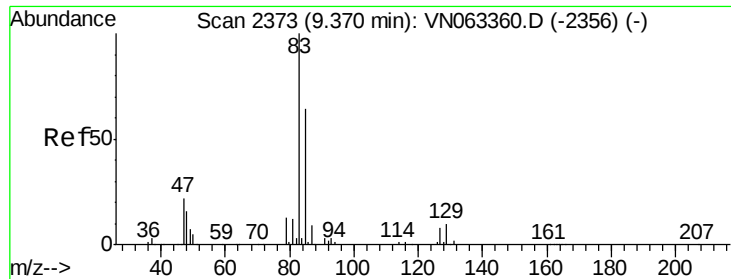
Ion Ratio Lower Upper

93 100

95 81.1 65.6 98.4

174 82.6 68.1 102.1





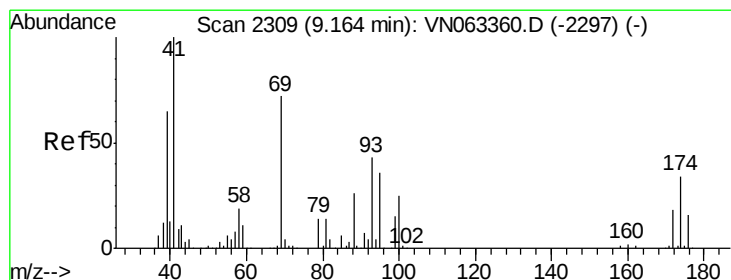
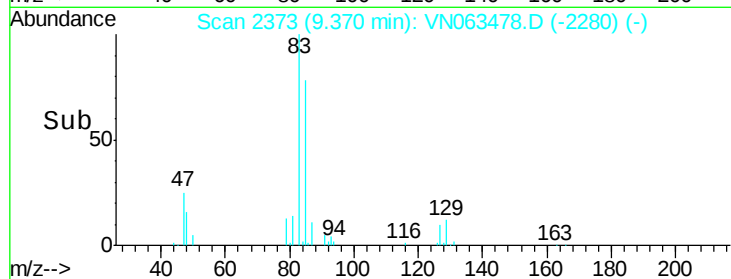
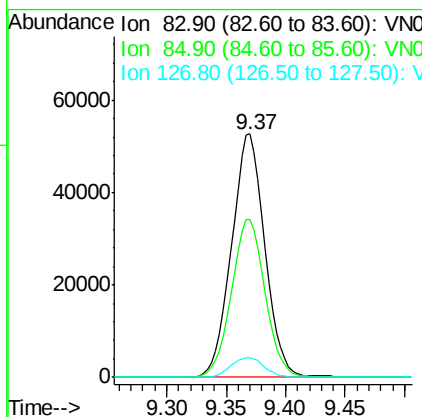
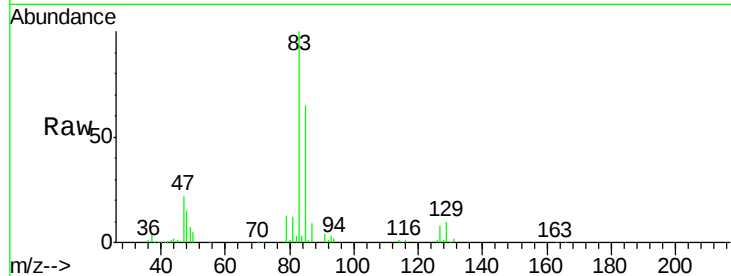
#47
Bromodichloromethane
Concen: 18.453 ug/l
RT: 9.37 min Scan# 2373
Delta R.T. -0.00 min
Lab File: VN063478.D
Acq: 21 Sep 2020 12:06

Instrument :
MSVOA_N
ClientSampleId :
VN0921WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
85	64.6	51.0	76.6
127	8.3	6.3	9.5

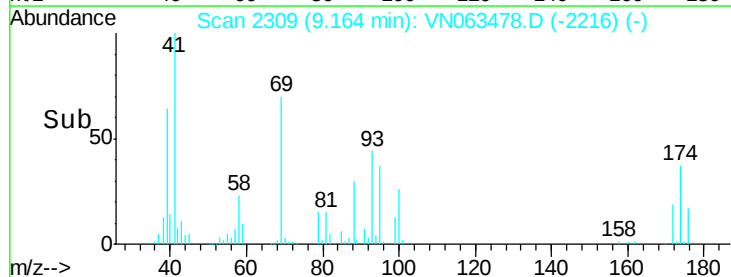
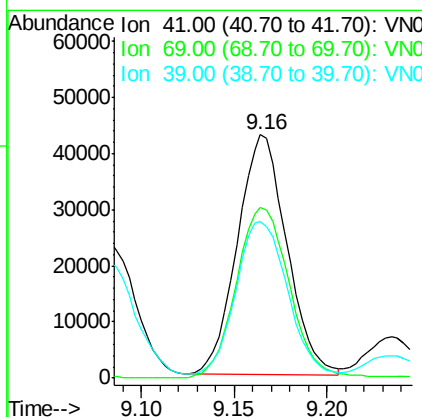
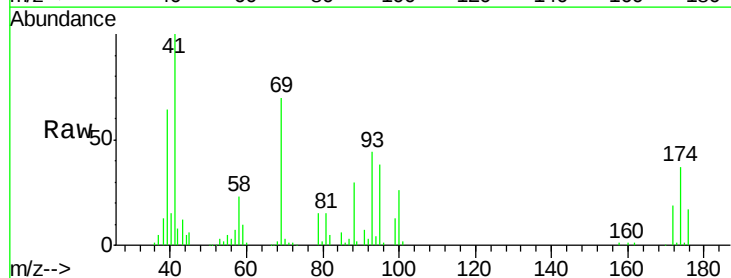
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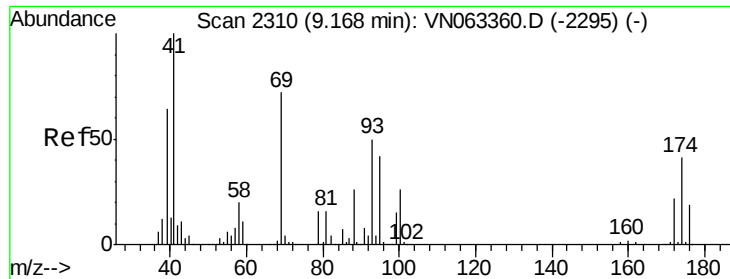
MMDadoda
9/22/2020 2:07:03 PM



#48
Methyl methacrylate
Concen: 17.580 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN063478.D
Acq: 21 Sep 2020 12:06

Tgt Ion	Ratio	Lower	Upper
41	100		
69	76.6	59.3	88.9
39	68.9	52.9	79.3





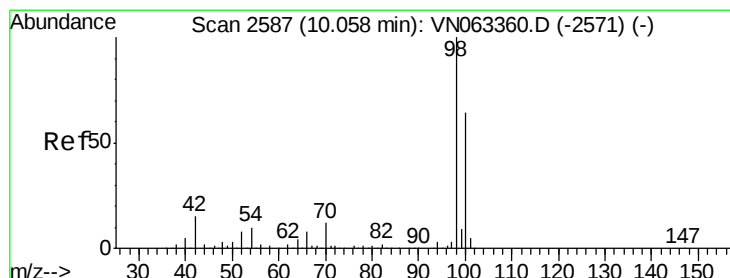
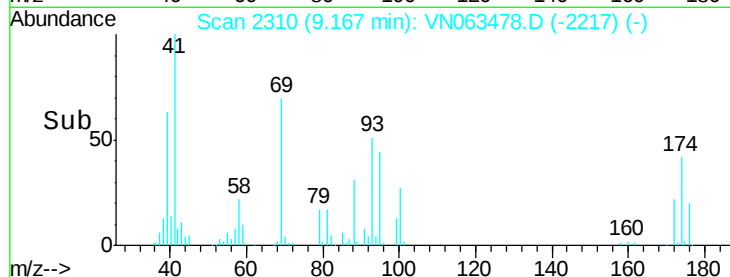
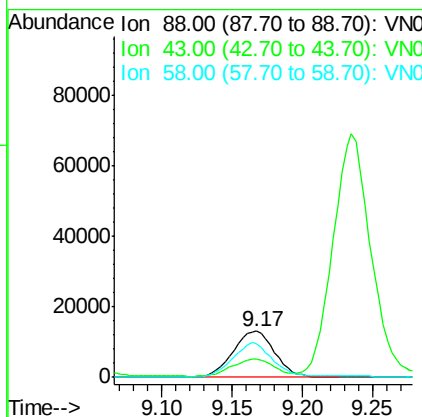
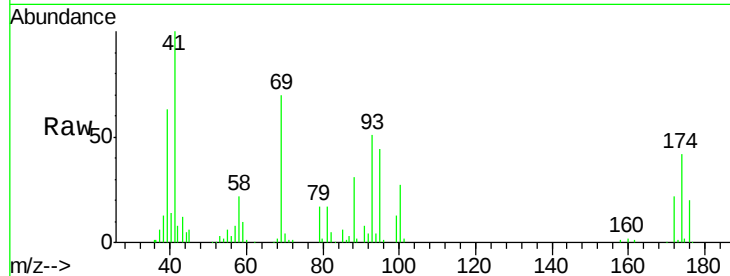
#49
1,4-Dioxane
Concen: 421.777 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. -0.00 min
Lab File: VN063478.D
Acq: 21 Sep 2020 12:06

Instrument :
MSVOA_N
ClientSampleId :
VN0921WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	38.1	32.6	49.0
58	72.6	60.0	90.0

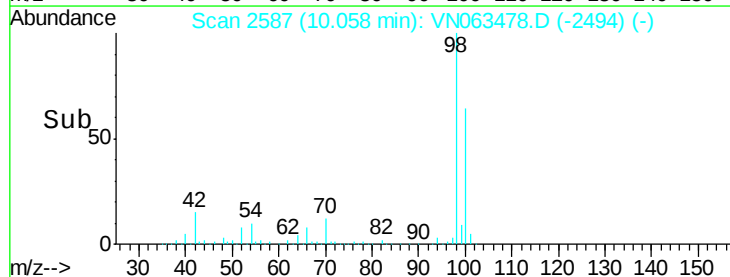
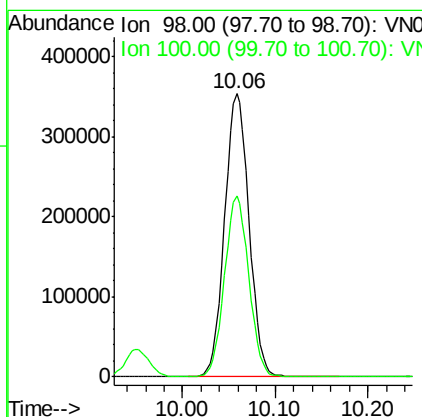
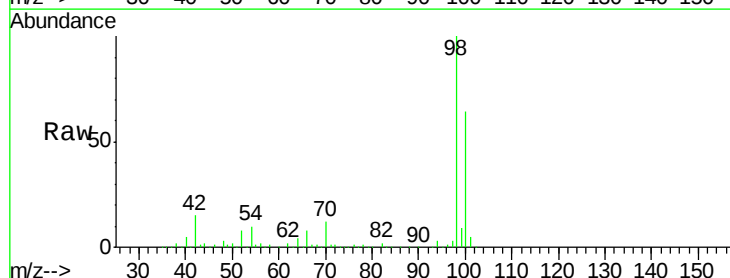
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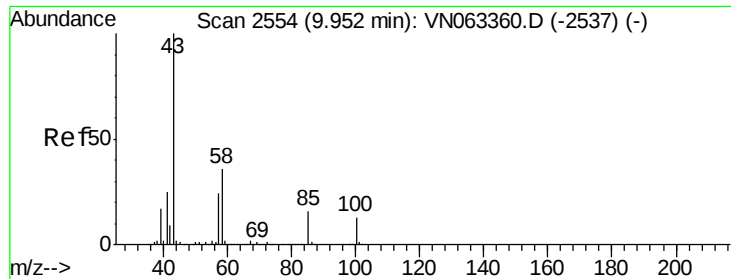
MMDadoda
9/22/2020 2:07:03 PM



#50
Toluene-d8
Concen: 50.797 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN063478.D
Acq: 21 Sep 2020 12:06

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.5	50.7	76.1





#51

4-Methyl-2-Pentanone

Concen: 92.379 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN063478.D

Acq: 21 Sep 2020 12:06

Instrument :

MSVOA_N

ClientSampled :

VN0921WBS01

Tot Ion: 43 Resp: 472779

Ion Ratio Lower Upper

43 100

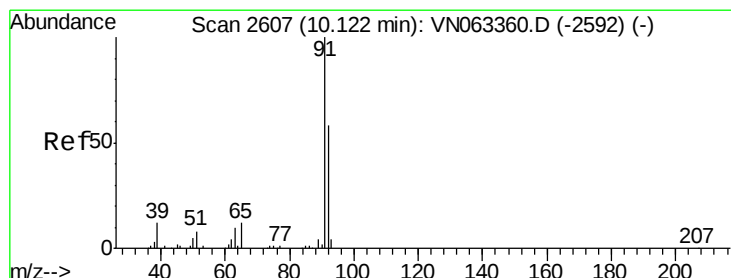
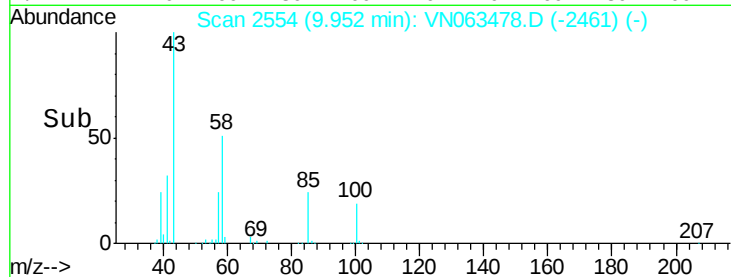
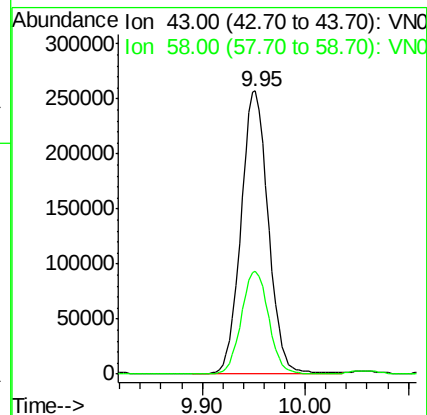
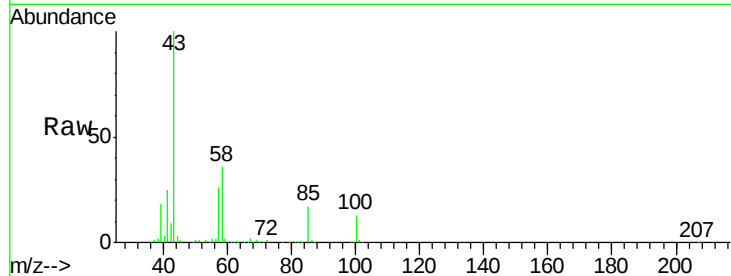
58 36.5 29.0 43.6

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#52

Toluene

Concen: 19.026 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN063478.D

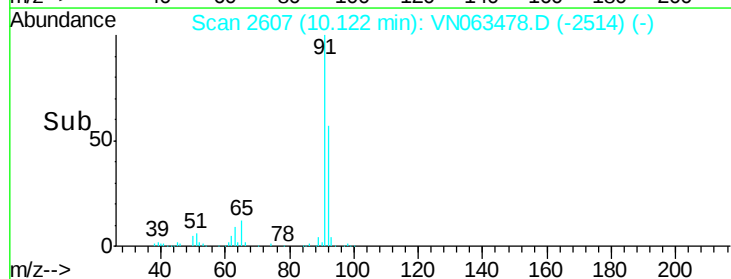
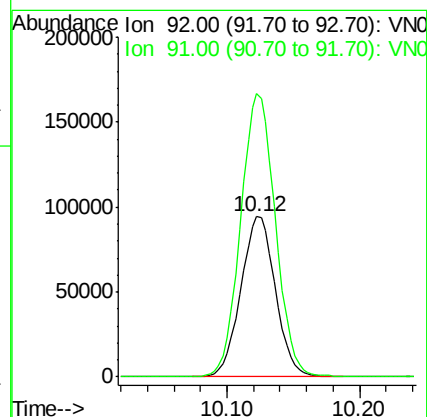
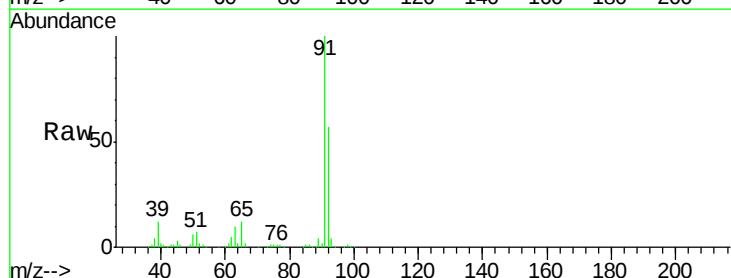
Acq: 21 Sep 2020 12:06

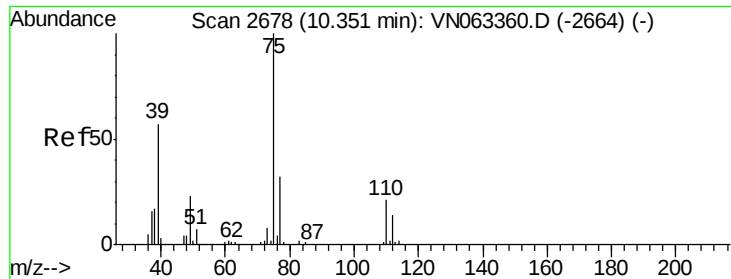
Tgt Ion: 92 Resp: 170102

Ion Ratio Lower Upper

92 100

91 177.9 139.7 209.5





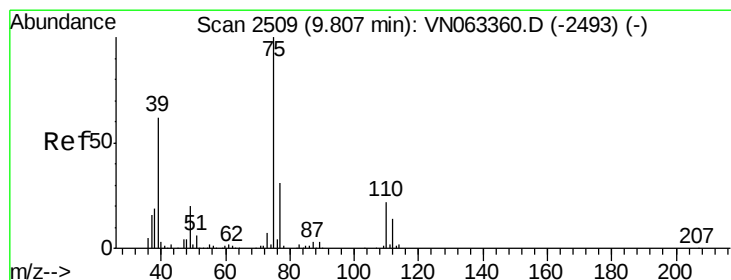
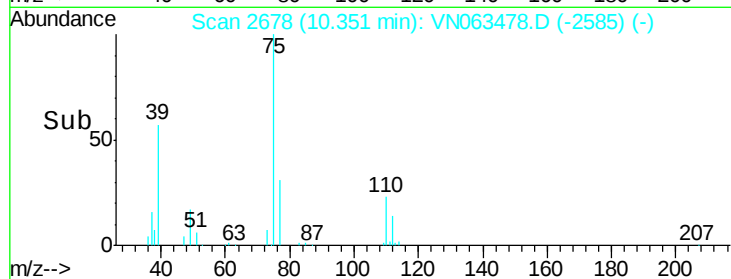
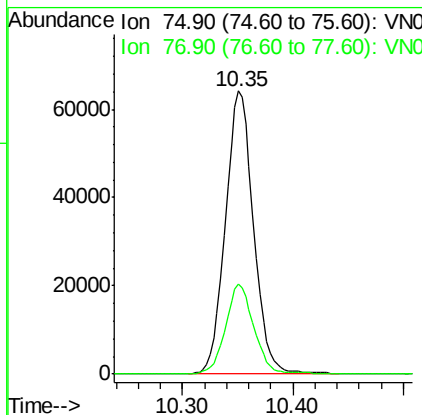
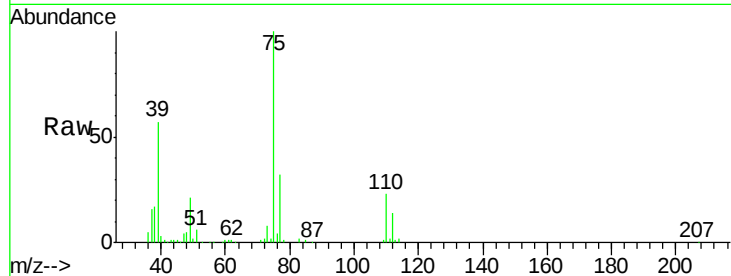
#53
t-1,3-Dichloropropene
Concen: 18.333 ug/l
RT: 10.35 min Scan# 2678
Delta R.T. -0.00 min
Lab File: VN063478.D
Acq: 21 Sep 2020 12:06

Instrument :
MSVOA_N
ClientSampleId :
VN0921WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.4	38.2

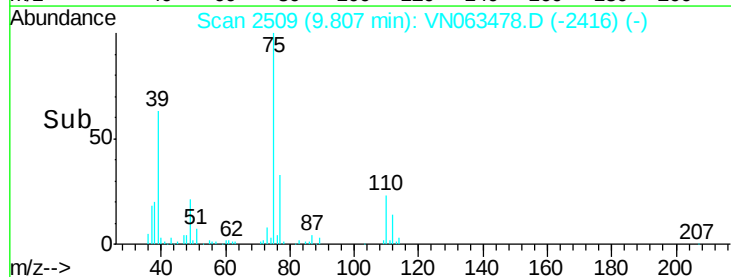
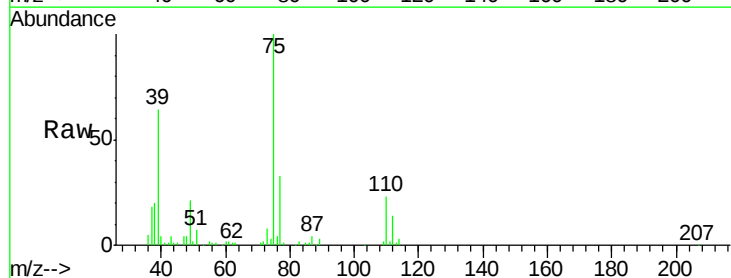
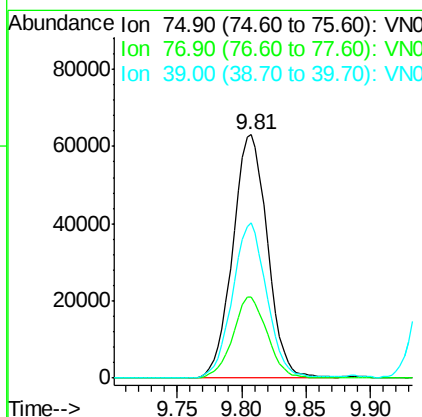
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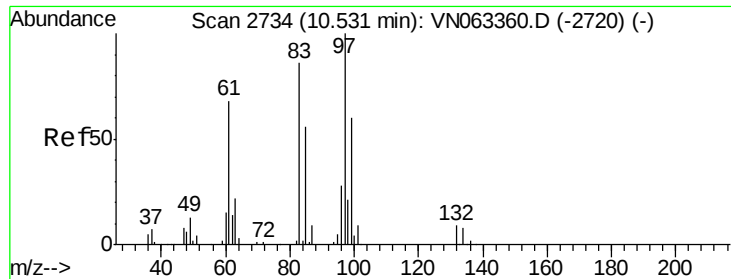
MMDadoda
9/22/2020 2:07:03 PM



#54
cis-1,3-Dichloropropene
Concen: 18.152 ug/l
RT: 9.81 min Scan# 2509
Delta R.T. -0.00 min
Lab File: VN063478.D
Acq: 21 Sep 2020 12:06

Tgt Ion	Ratio	Lower	Upper
75	100		
77	33.3	24.6	37.0
39	63.6	49.8	74.8





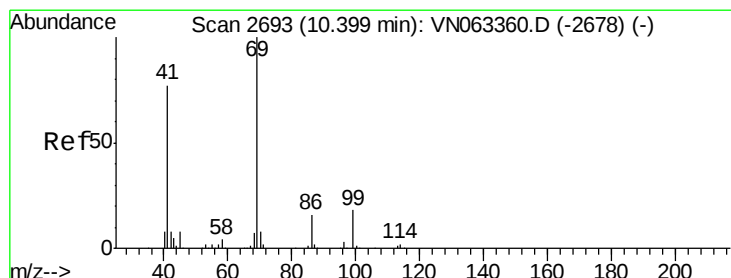
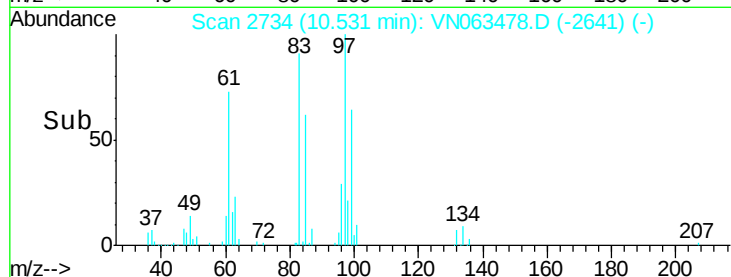
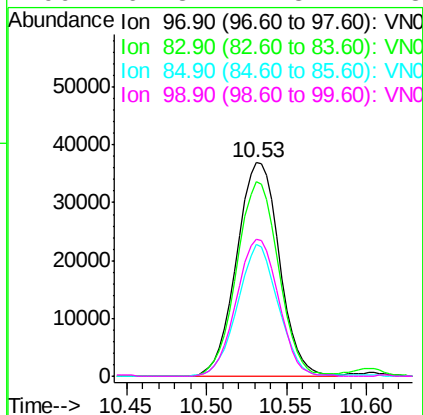
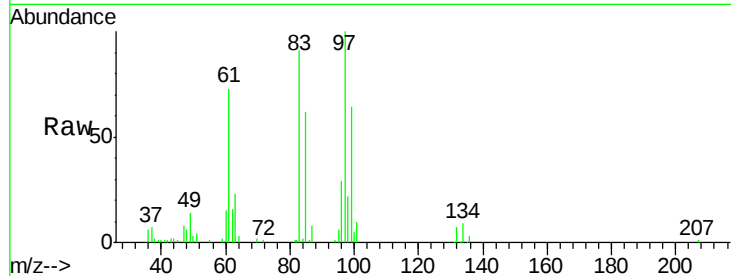
#55
 1,1,2-Trichloroethane
 Concen: 19.000 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN063478.D
 Acq: 21 Sep 2020 12:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBS01

Tot Ion:	97	Resp:	67472
Ion	Ratio	Lower	Upper
97	100		
83	91.0	68.9	103.3
85	61.7	44.8	67.2
99	64.3	47.8	71.8

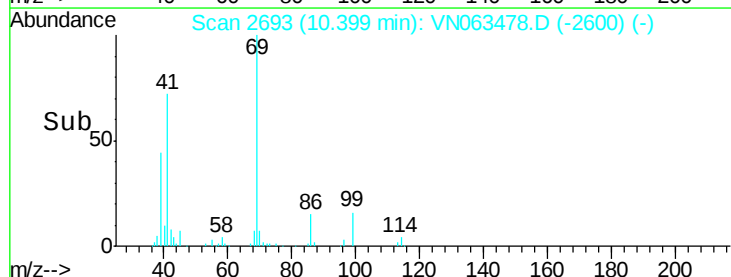
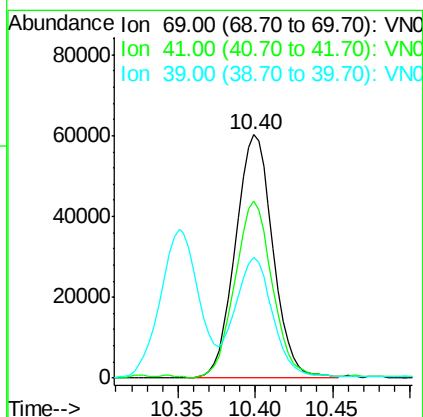
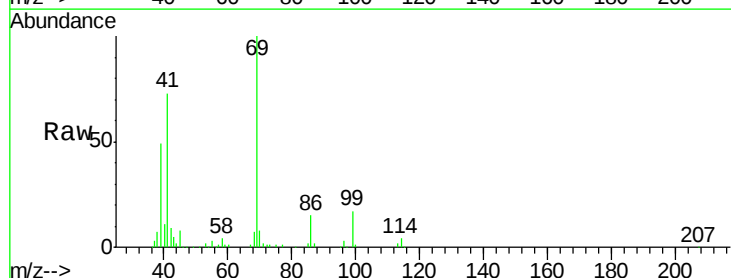
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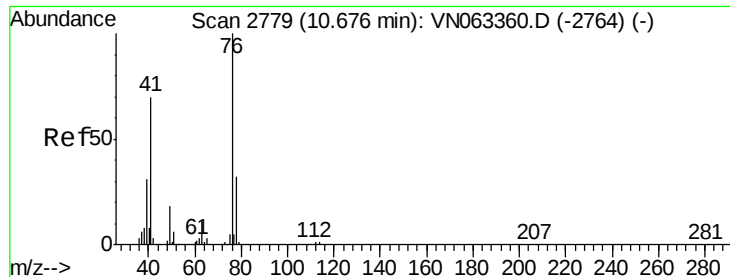
MMDadoda
 9/22/2020 2:07:03 PM



#56
 Ethyl methacrylate
 Concen: 18.333 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. -0.00 min
 Lab File: VN063478.D
 Acq: 21 Sep 2020 12:06

Tgt Ion:	69	Resp:	101631
Ion	Ratio	Lower	Upper
69	100		
41	71.8	61.0	91.6
39	48.6	39.2	58.8





#57

1,3-Dichloropropane

Concen: 18.278 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN063478.D

Acq: 21 Sep 2020 12:06

Instrument :

MSVOA_N

ClientSampled :

VN0921WBS01

Tot Ion: 76 Resp: 117049

Ion Ratio Lower Upper

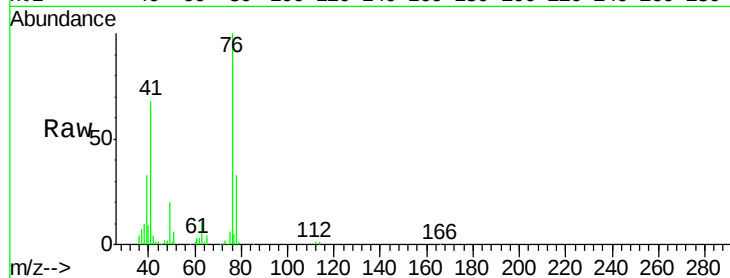
76 100

78 31.8 25.8 38.8

Manual Integrations
APPROVED

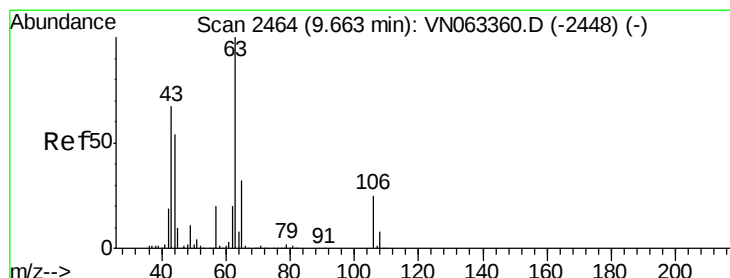
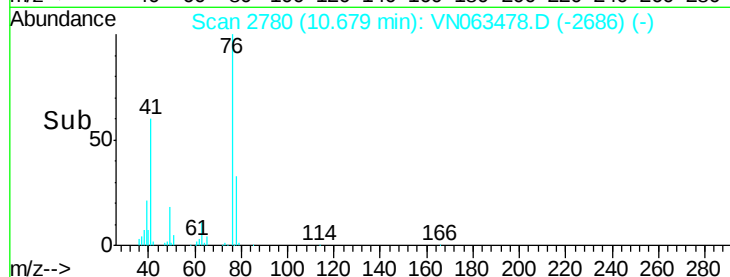
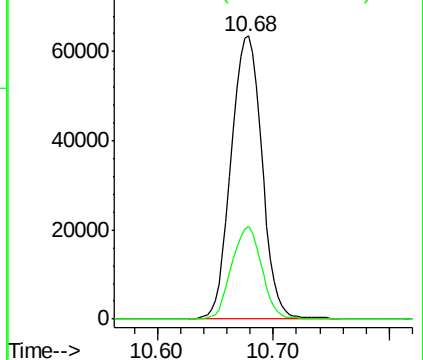
MMDadoda

9/22/2020 2:07:03 PM



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: 88.902 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. -0.00 min

Lab File: VN063478.D

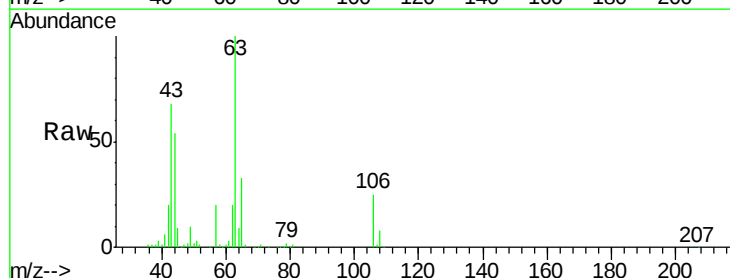
Acq: 21 Sep 2020 12:06

Tgt Ion: 63 Resp: 258540

Ion Ratio Lower Upper

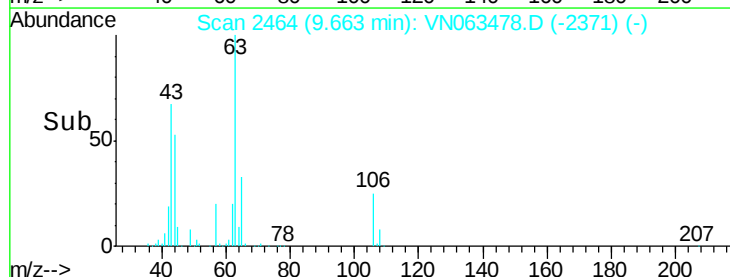
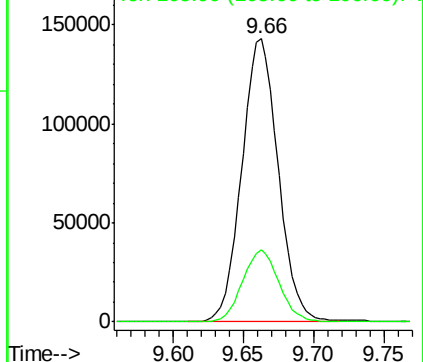
63 100

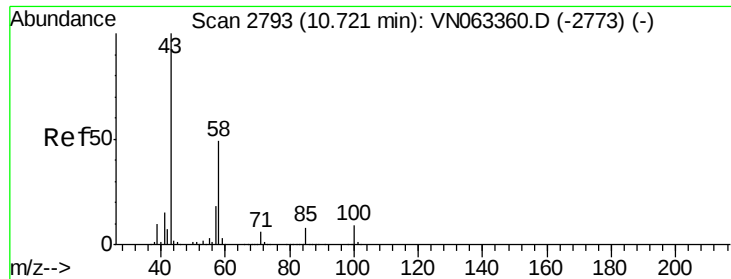
106 25.6 19.5 29.3



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V





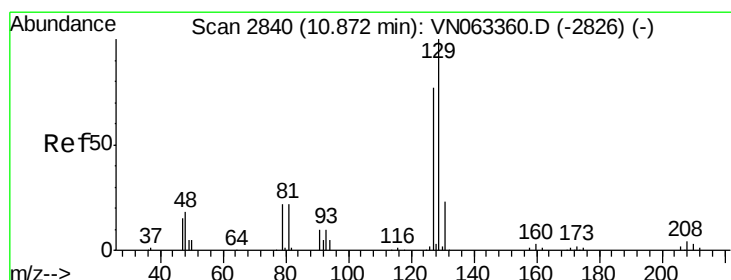
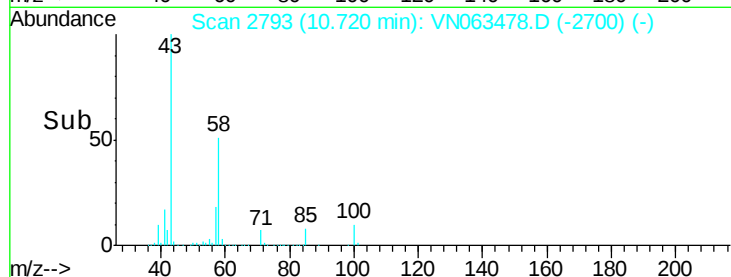
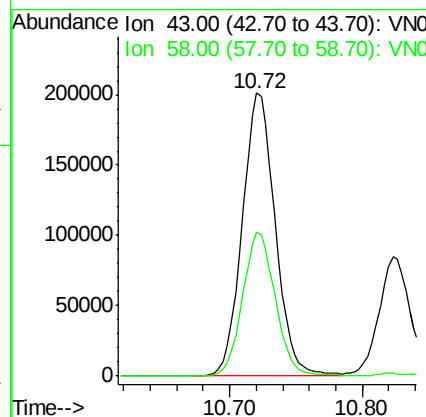
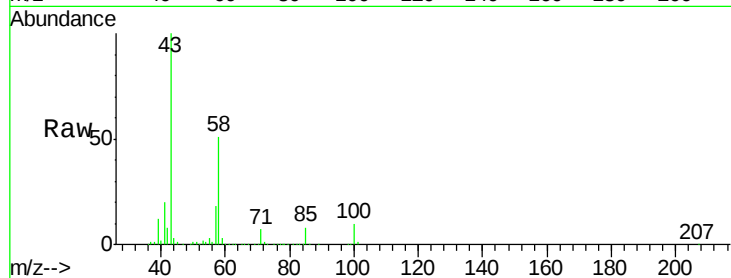
#59
2-Hexanone
Concen: 92.952 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN063478.D
Acq: 21 Sep 2020 12:06

Instrument :
MSVOA_N
ClientSampleId :
VN0921WBS01

Tot Ion: 43 Resp: 344638
Ion Ratio Lower Upper
43 100
58 50.9 24.7 74.1

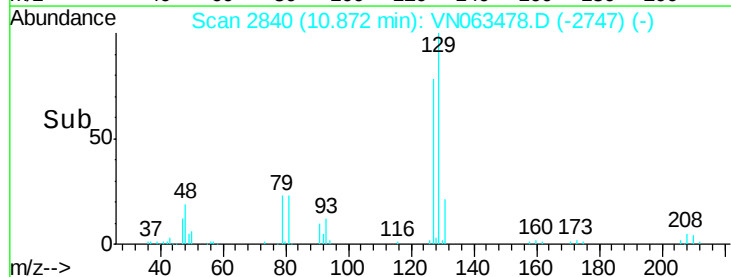
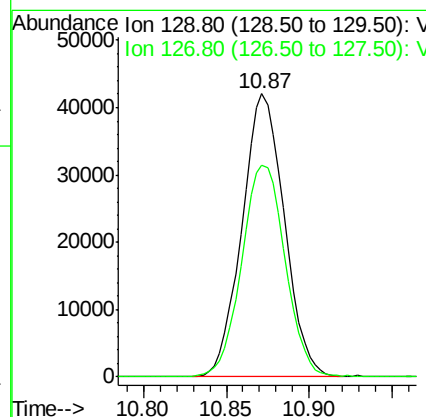
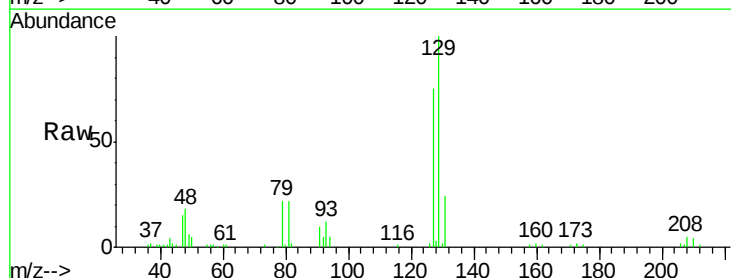
Manual Integrations
APPROVED

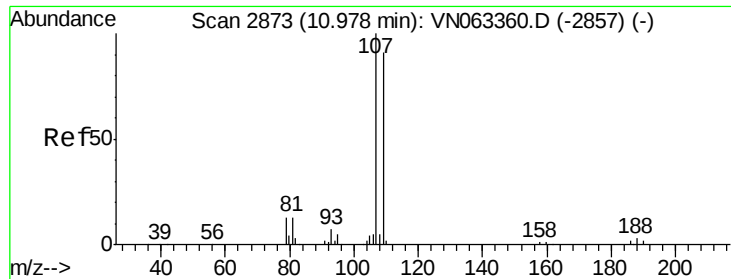
MMDadoda
9/22/2020 2:07:03 PM



#60
Dibromochloromethane
Concen: 18.649 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN063478.D
Acq: 21 Sep 2020 12:06

Tgt Ion: 129 Resp: 74819
Ion Ratio Lower Upper
129 100
127 77.0 39.1 117.3





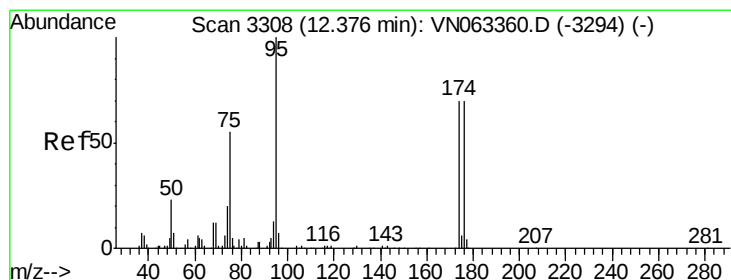
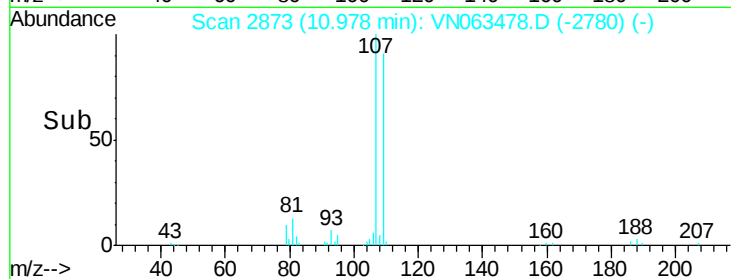
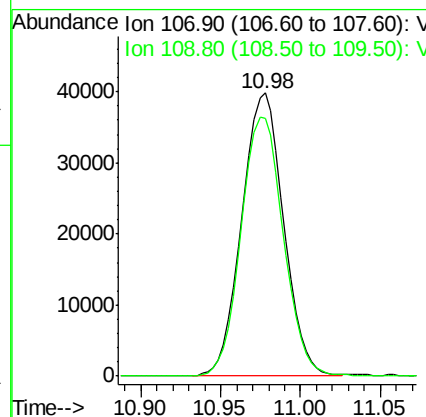
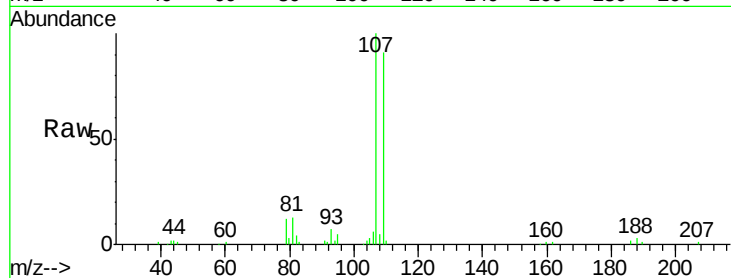
#61
 1,2-Dibromoethane
 Concen: 19.263 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. -0.00 min
 Lab File: VN063478.D
 Acq: 21 Sep 2020 12:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	92.5	74.6	111.8

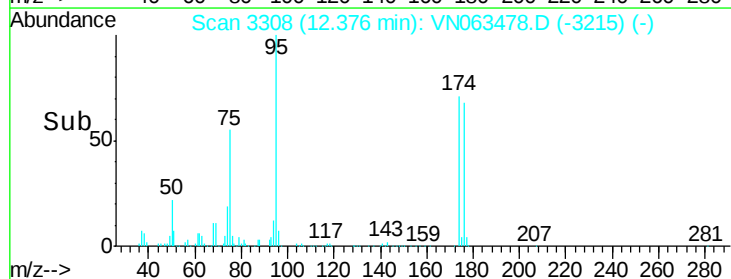
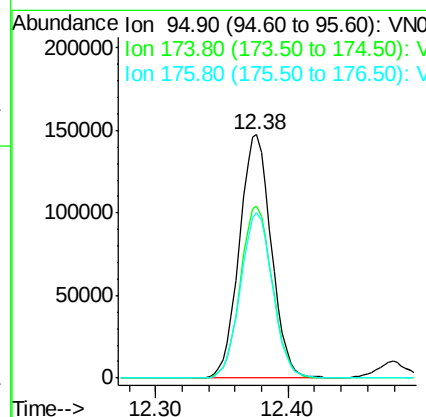
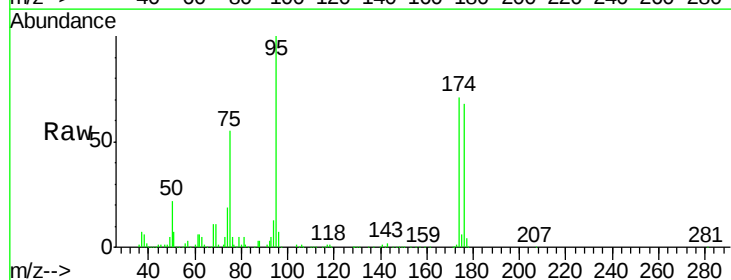
Manual Integrations
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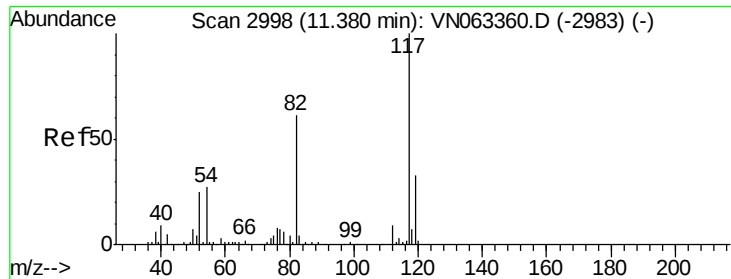
MMDadoda
 9/22/2020 2:07:03 PM



#62
 4-Bromofluorobenzene
 Concen: 52.806 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. -0.00 min
 Lab File: VN063478.D
 Acq: 21 Sep 2020 12:06

Tgt Ion	Ratio	Lower	Upper
95	100		
174	70.8	0.0	140.8
176	68.3	0.0	137.6





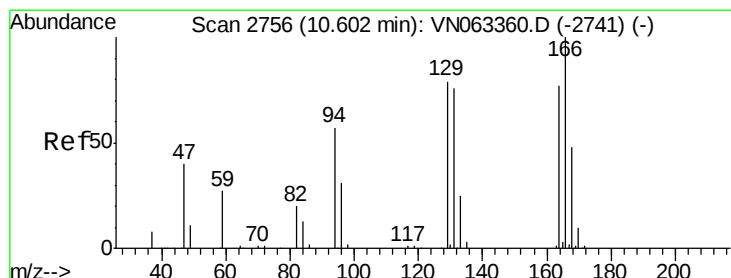
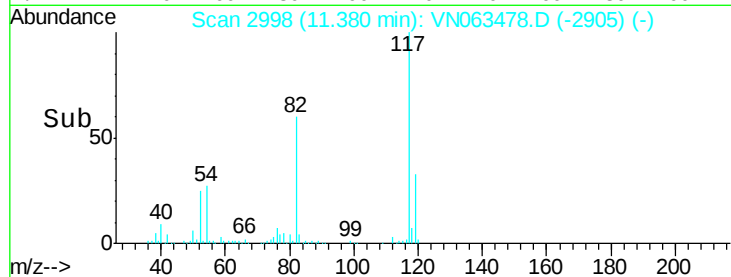
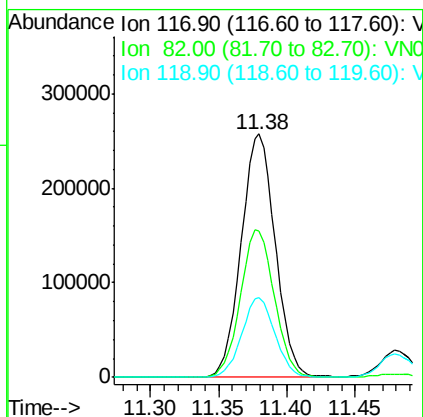
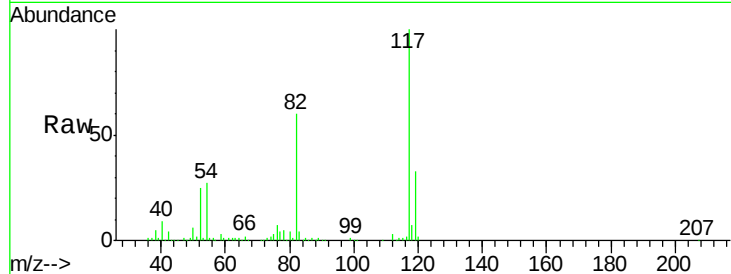
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063478.D
Acq: 21 Sep 2020 12:06

Instrument :
MSVOA_N
ClientSampleId :
VN0921WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	445845		
82	60.1	49.2	73.8	
119	32.8	26.2	39.4	

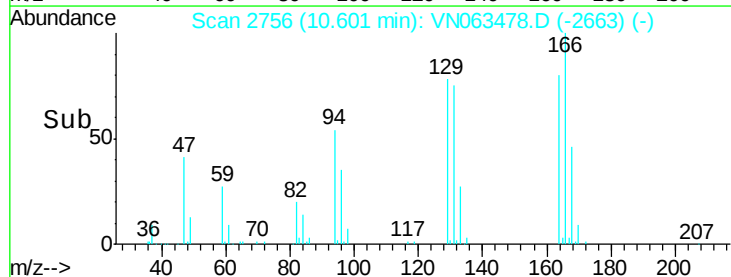
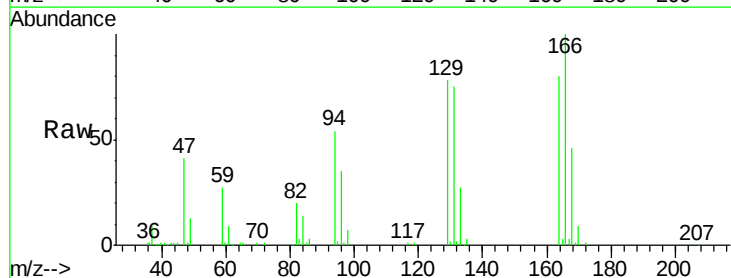
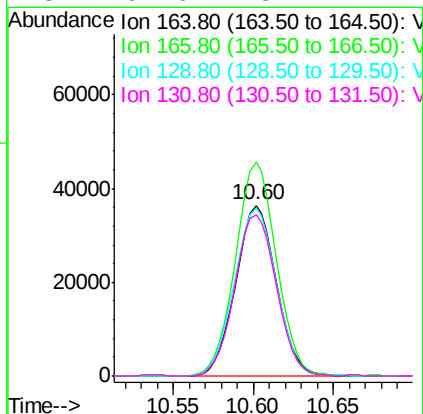
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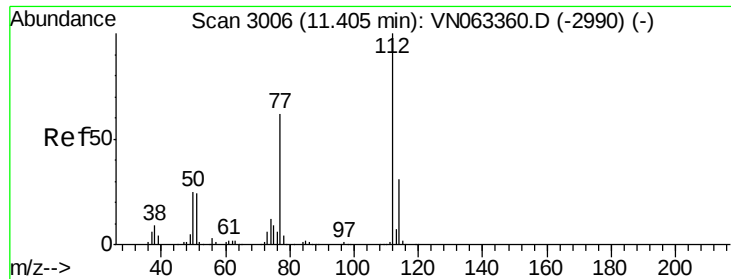
MMDadoda
9/22/2020 2:07:03 PM



#64
Tetrachloroethene
Concen: 20.726 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN063478.D
Acq: 21 Sep 2020 12:06

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	62921		
166	125.4	103.4	155.0	
129	98.3	81.8	122.6	
131	94.6	78.2	117.4	





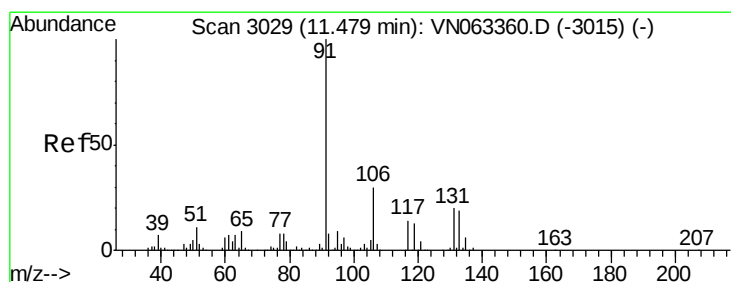
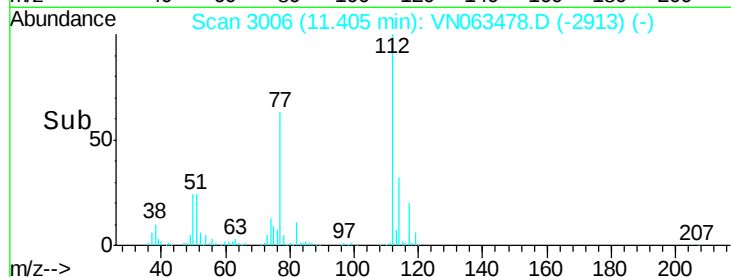
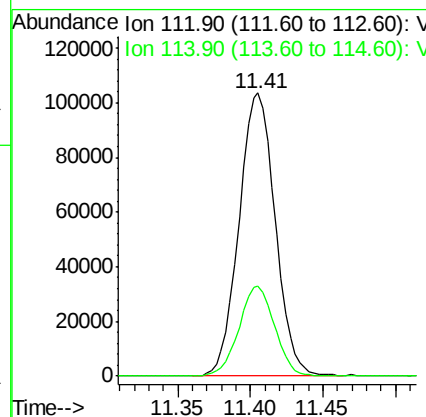
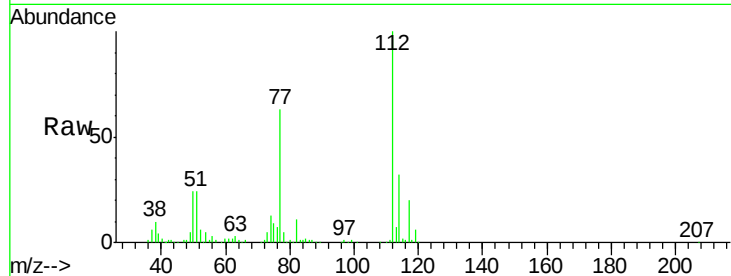
#65
Chlorobenzene
Concen: 18.963 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN063478.D
Acq: 21 Sep 2020 12:06

Instrument :
MSVOA_N
ClientSampleId :
VN0921WBS01

Tot Ion:112 Resp: 179470
Ion Ratio Lower Upper
112 100
114 31.7 25.0 37.6

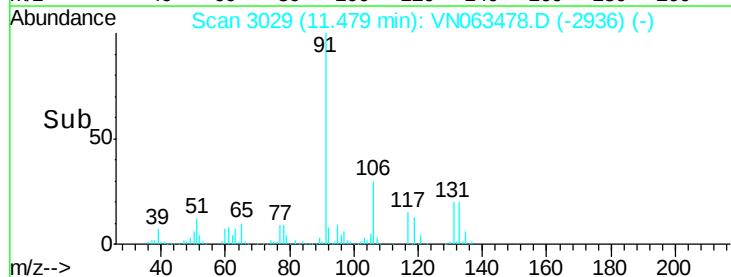
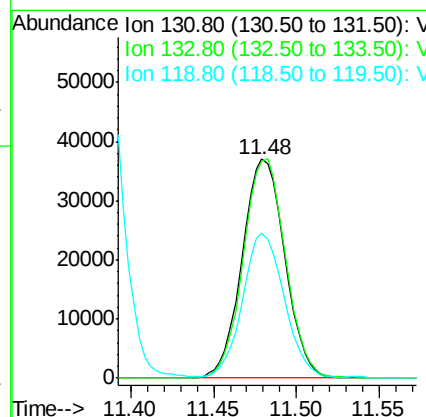
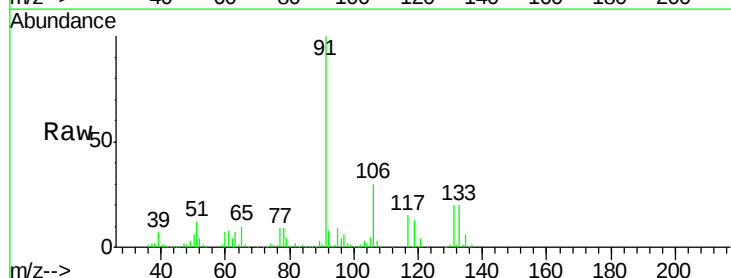
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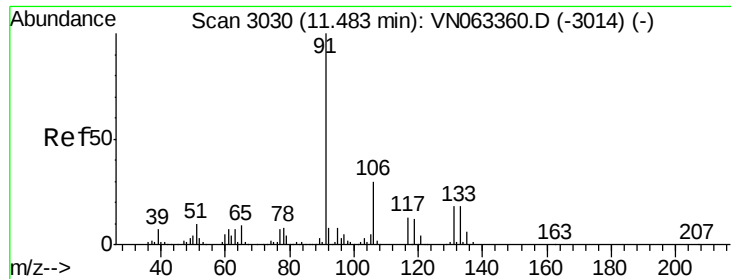
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.098 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN063478.D
Acq: 21 Sep 2020 12:06

Tgt Ion:131 Resp: 66253
Ion Ratio Lower Upper
131 100
133 99.3 47.3 141.9
119 64.0 33.6 100.8





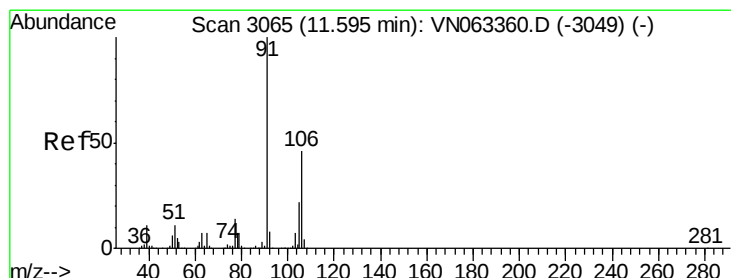
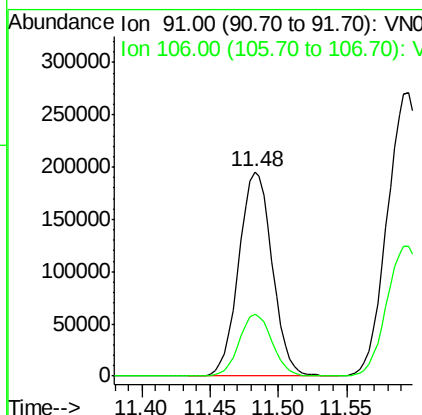
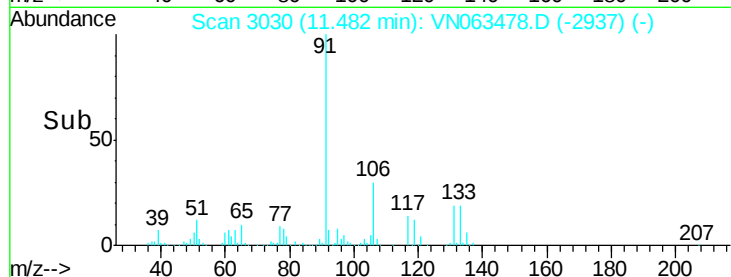
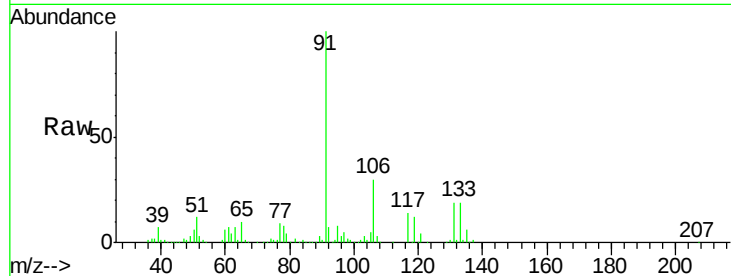
#67
Ethyl Benzene
Concen: 18.701 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN063478.D
Acq: 21 Sep 2020 12:06

Instrument :
MSVOA_N
ClientSampled :
VN0921WBS01

Tot Ion: 91 Resp: 333300
Ion Ratio Lower Upper
91 100
106 30.1 23.8 35.6

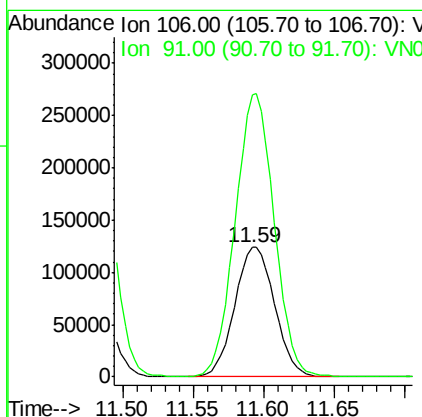
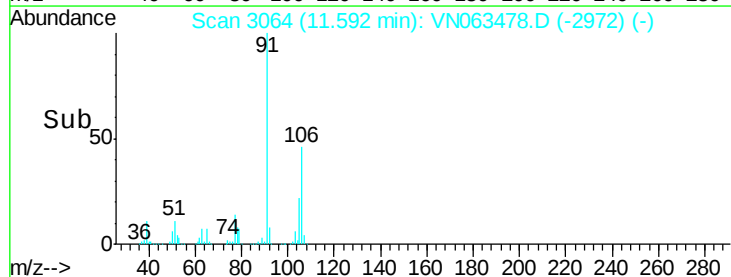
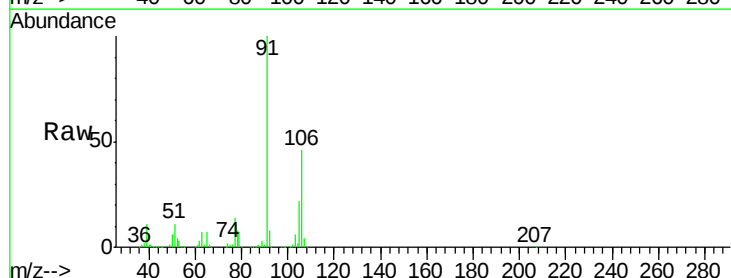
Manual Integrations
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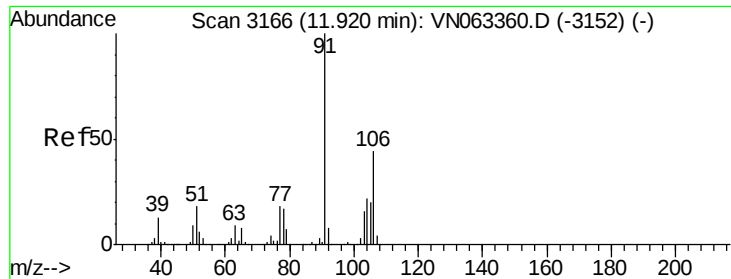
MMDadoda
9/22/2020 2:07:03 PM



#68
m/p-Xylenes
Concen: 38.183 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN063478.D
Acq: 21 Sep 2020 12:06

Tgt Ion: 106 Resp: 245361
Ion Ratio Lower Upper
106 100
91 213.2 171.2 256.8





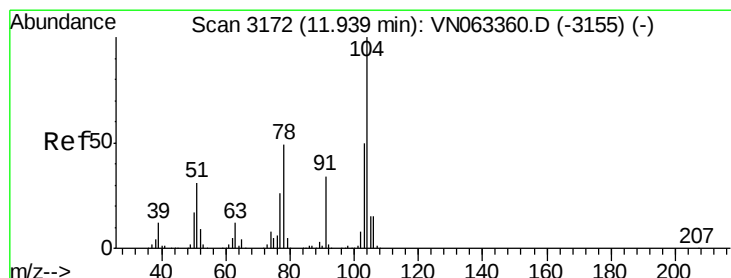
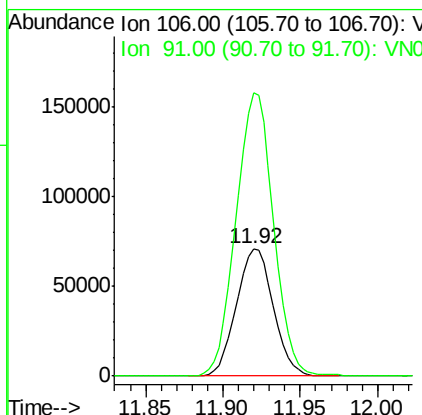
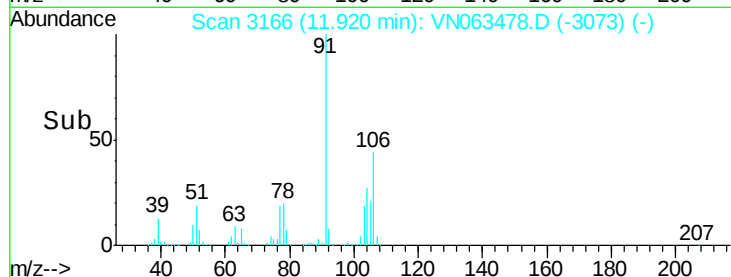
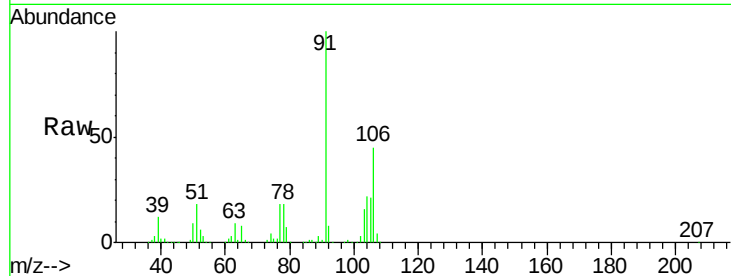
#69
o-Xylene
Concen: 19.290 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN063478.D
Acq: 21 Sep 2020 12:06

Instrument :
MSVOA_N
ClientSampleId :
VN0921WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	225.1	113.6	340.8		

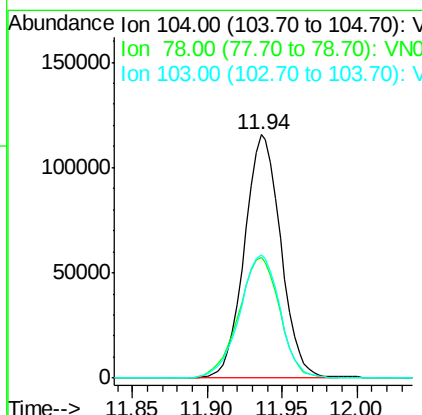
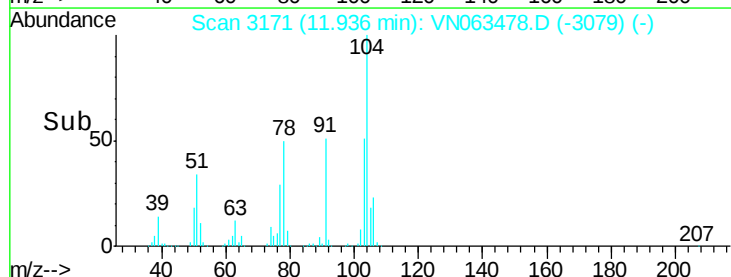
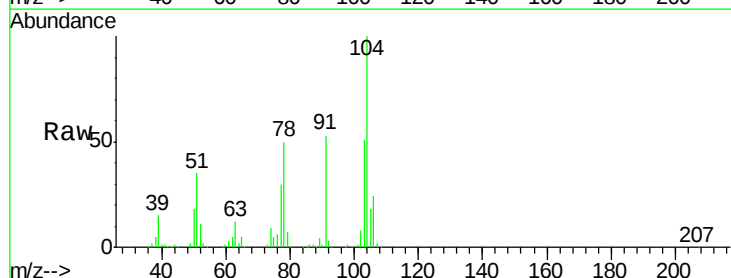
Manual Integrations
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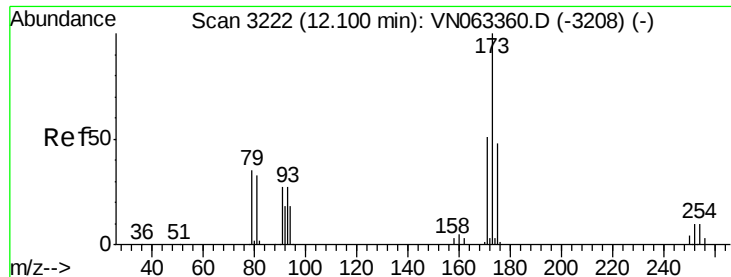
MMDadoda
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#70
Styrene
Concen: 19.060 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN063478.D
Acq: 21 Sep 2020 12:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100				
78	56.2	44.4	66.6		
103	56.4	43.7	65.5		





#71

Bromoform

Concen: 18.648 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. -0.00 min

Lab File: VN063478.D

Acq: 21 Sep 2020 12:06

Instrument :

MSVOA_N

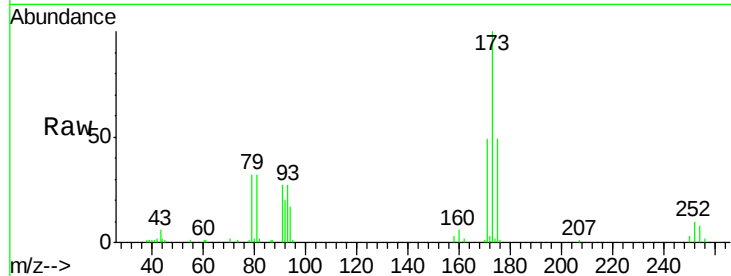
ClientSampleId :

VN0921WBS01

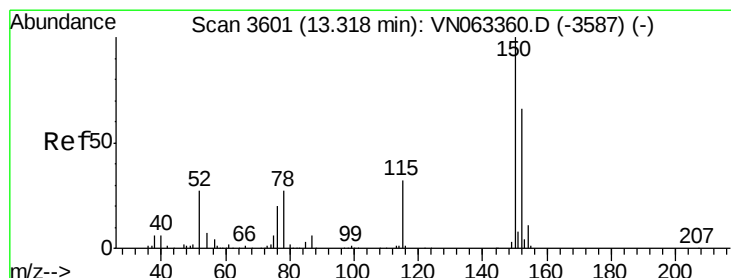
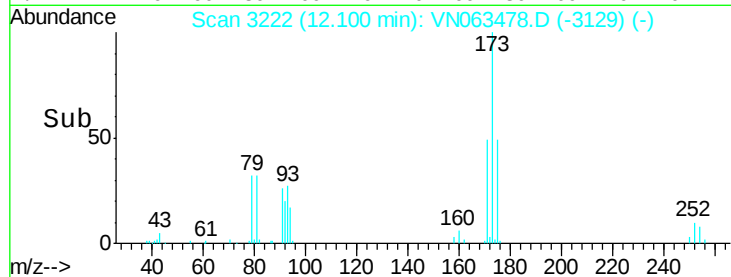
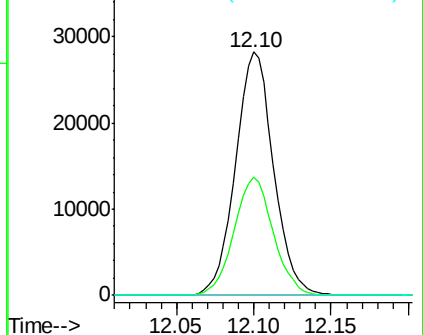
Tot Ion:173	Resp:	48194
Ion Ratio	Lower	Upper
173 100		
175 49.7	24.0	72.0
254 0.0	0.0	0.0

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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

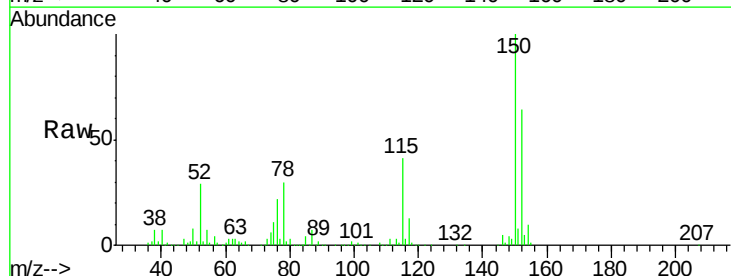
RT: 13.32 min Scan# 3600

Delta R.T. -0.00 min

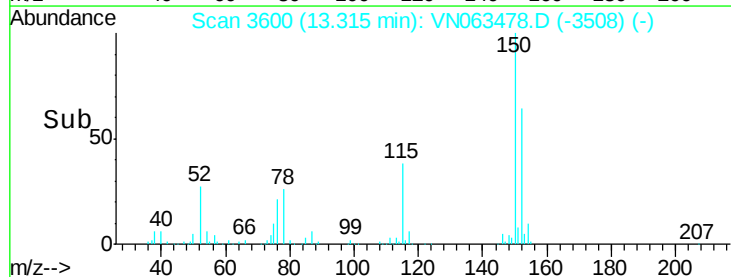
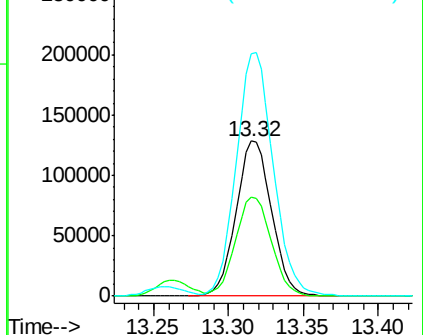
Lab File: VN063478.D

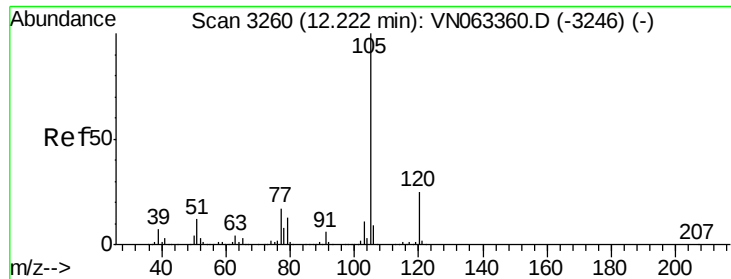
Acq: 21 Sep 2020 12:06

Tgt Ion:152	Resp:	212014
Ion Ratio	Lower	Upper
152 100		
115 64.5	32.2	96.6
150 163.3	0.0	343.4



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: 18.800 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN063478.D

Acq: 21 Sep 2020 12:06

Instrument :

MSVOA_N

ClientSampled :

VN0921WBS01

Tot Ion: 105 Resp: 319397

Ion Ratio Lower Upper

105 100

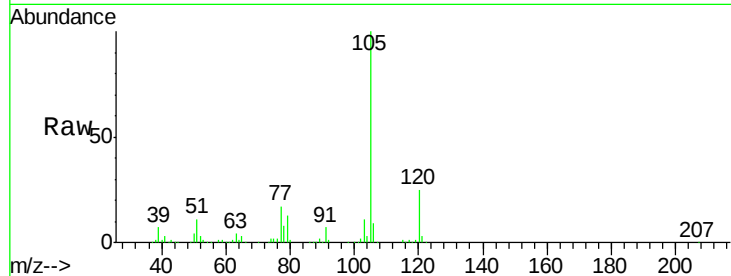
120 25.2 12.7 38.0

Manual Integrations

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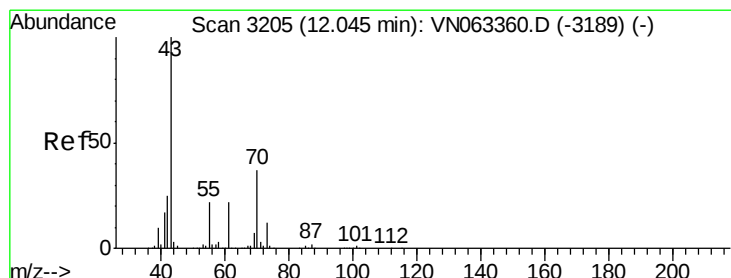
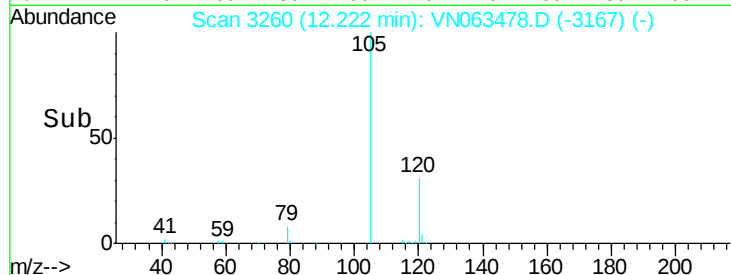
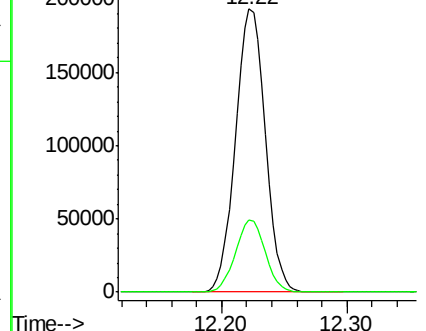
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 17.291 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. -0.00 min

Lab File: VN063478.D

Acq: 21 Sep 2020 12:06

Tgt Ion: 43 Resp: 139063

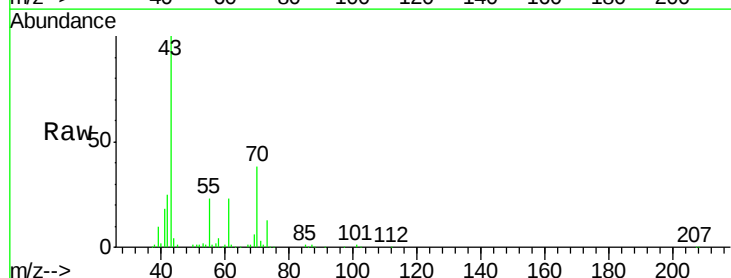
Ion Ratio Lower Upper

43 100

70 37.4 29.6 44.4

55 23.0 17.7 26.5

61 23.0 17.4 26.2

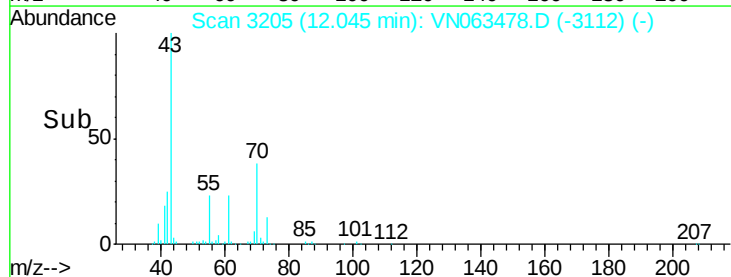
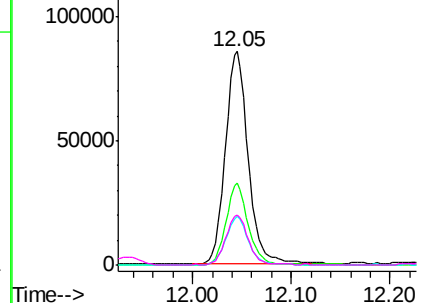


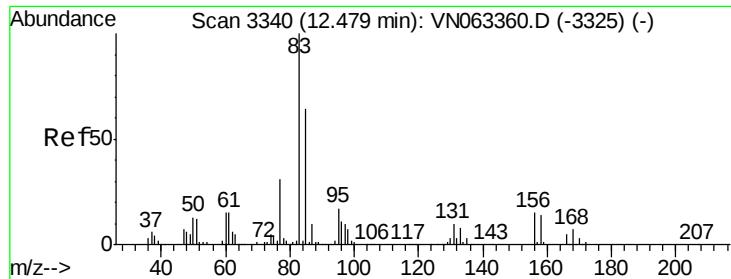
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 18.398 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. -0.00 min

Lab File: VN063478.D

Acq: 21 Sep 2020 12:06

Instrument :

MSVOA_N

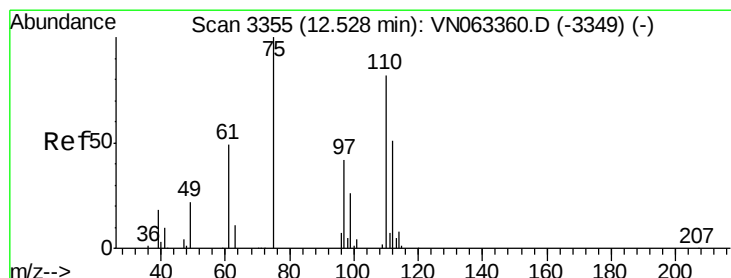
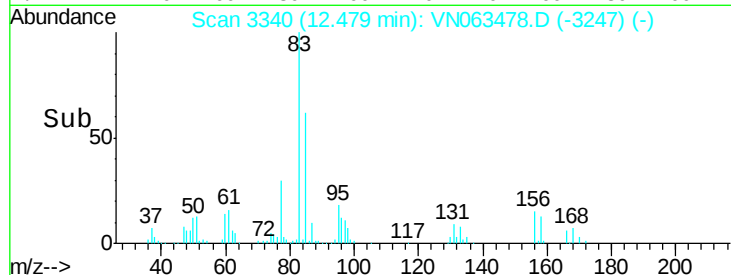
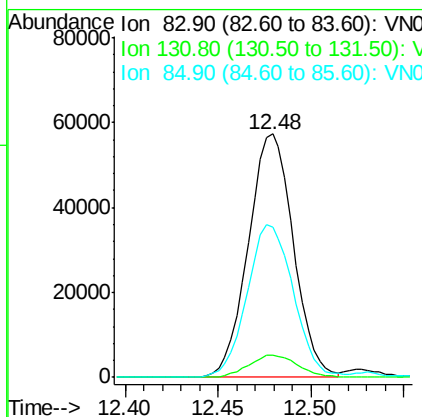
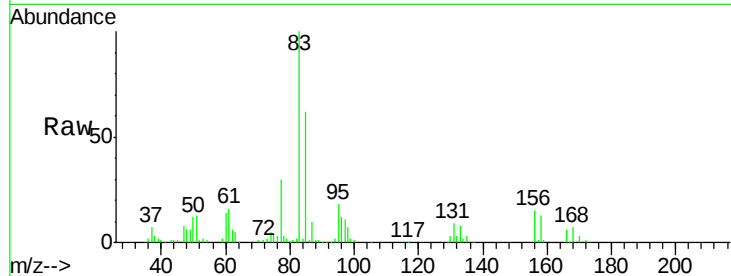
ClientSampleId :

VN0921WBS01

Tot Ion:	83	Resp:	96781
Ion Ratio	Lower	Upper	
83	100		
131	9.8	4.9	14.7
85	64.6	32.0	96.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 17.410 ug/l m

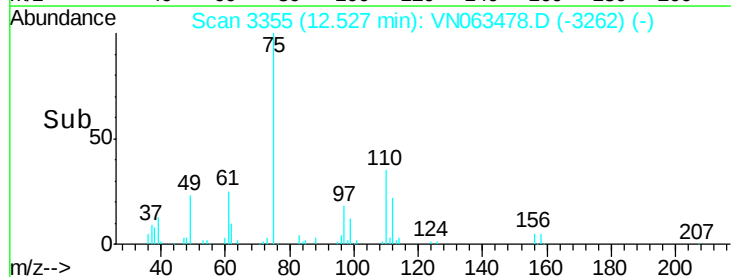
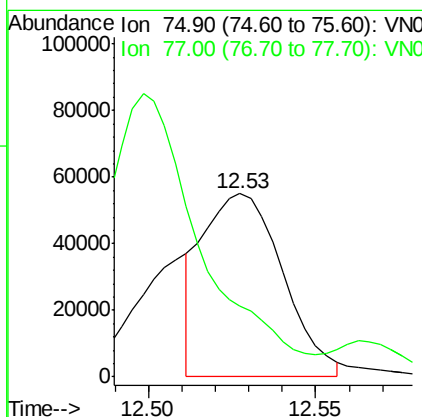
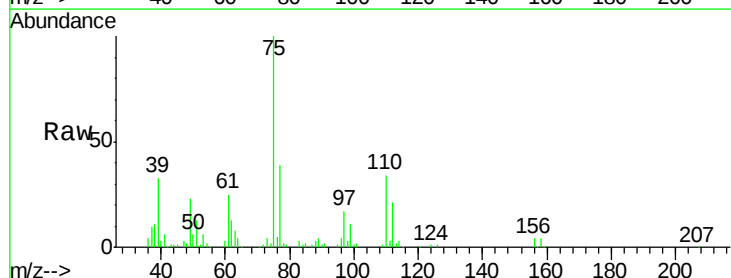
RT: 12.53 min Scan# 3355

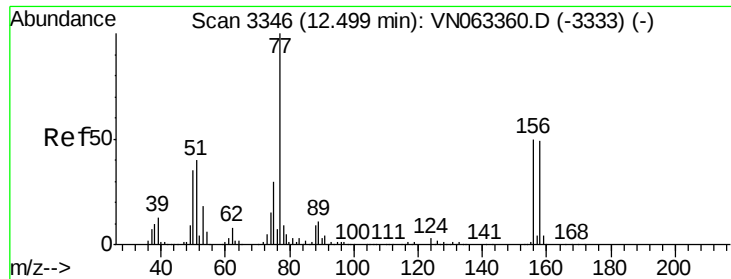
Delta R.T. -0.00 min

Lab File: VN063478.D

Acq: 21 Sep 2020 12:06

Tgt Ion:	75	Resp:	91362
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.359 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN063478.D

Acq: 21 Sep 2020 12:06

Instrument :

MSVOA_N

ClientSampleId :

VN0921WBS01

Tot Ion:156 Resp: 73985

Ion Ratio Lower Upper

156 100

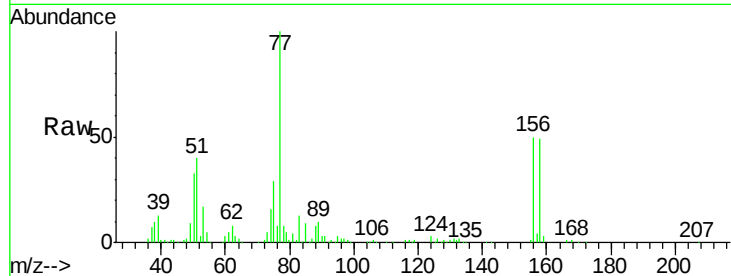
77 233.4 120.2 360.6

158 96.4 48.9 146.6

Manual Integrations
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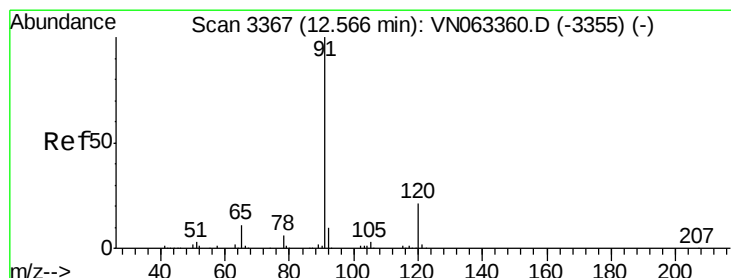
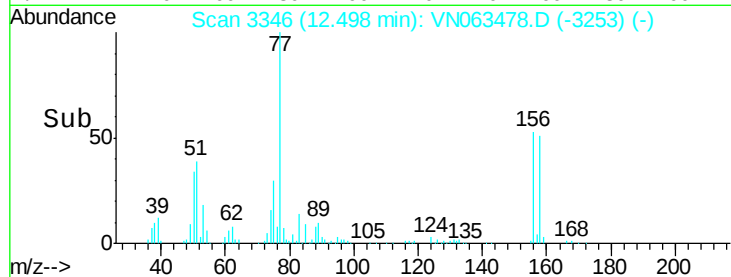
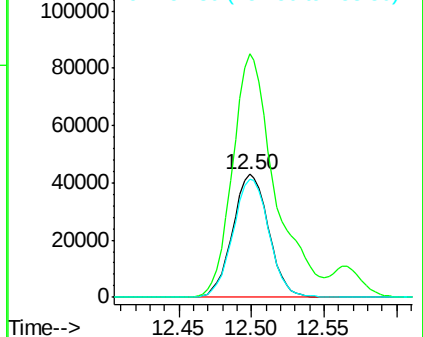
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.754 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063478.D

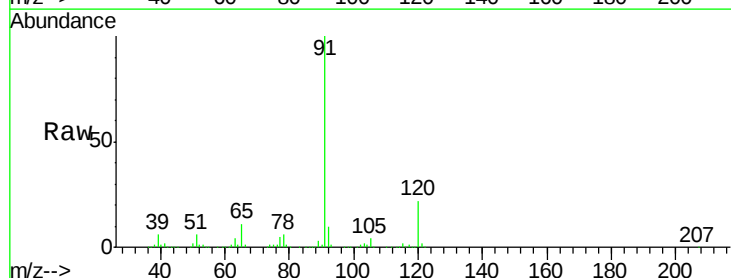
Acq: 21 Sep 2020 12:06

Tgt Ion: 91 Resp: 371106

Ion Ratio Lower Upper

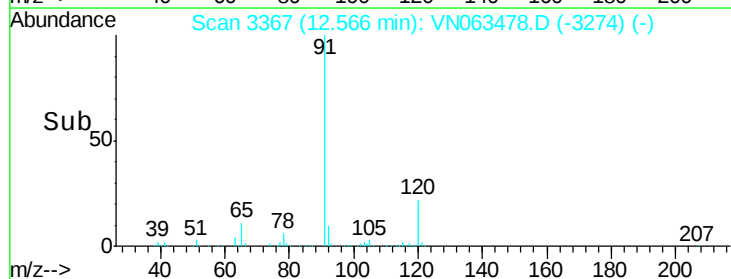
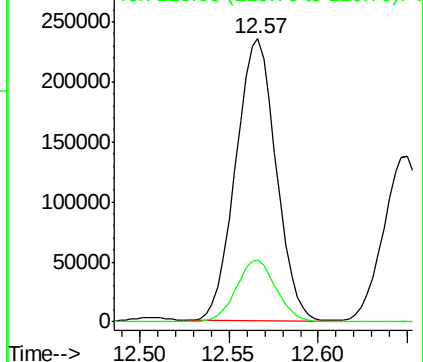
91 100

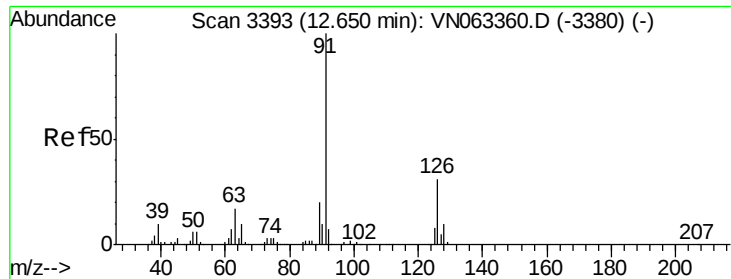
120 21.8 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.906 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. -0.00 min

Lab File: VN063478.D

Acq: 21 Sep 2020 12:06

Instrument :

MSVOA_N

ClientSampleId :

VN0921WBS01

Tot Ion: 91 Resp: 224264

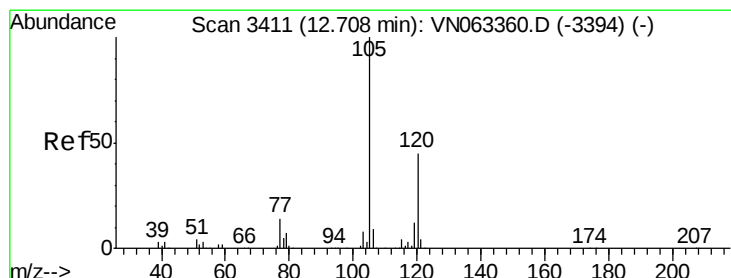
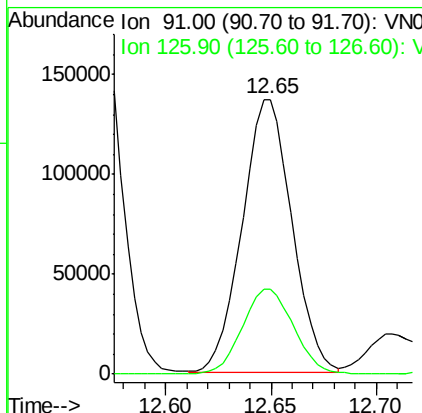
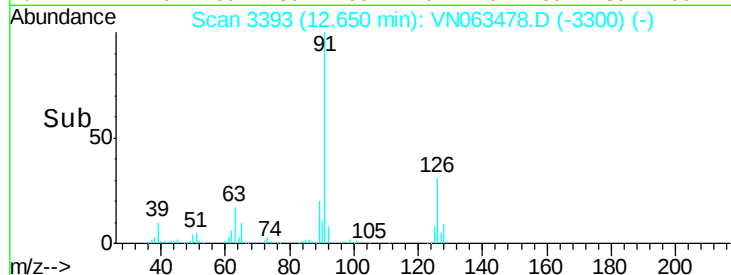
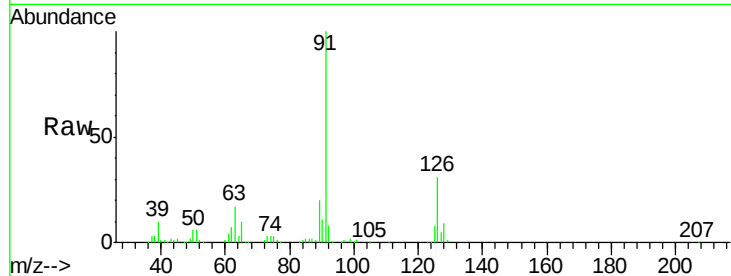
Ion Ratio Lower Upper

91 100

126 32.2 15.8 47.3

Manual Integrations
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#80

1,3,5-Trimethylbenzene

Concen: 19.202 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN063478.D

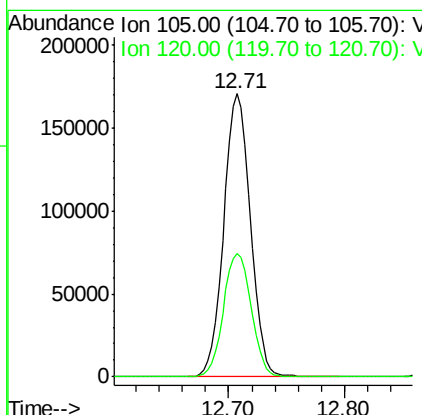
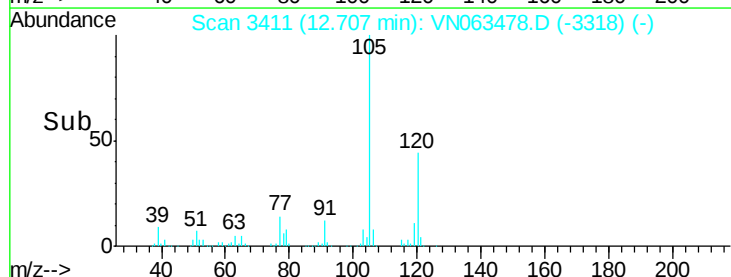
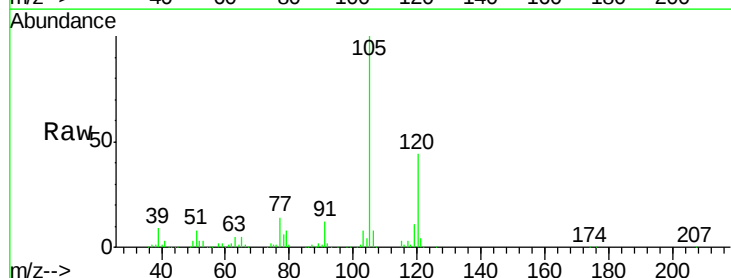
Acq: 21 Sep 2020 12:06

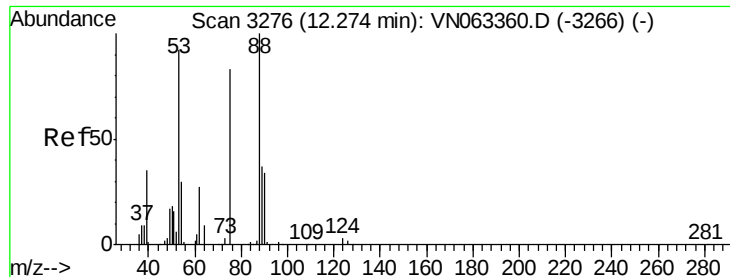
Tgt Ion: 105 Resp: 272044

Ion Ratio Lower Upper

105 100

120 45.6 22.9 68.8





#81

trans-1,4-Dichloro-2-butene

Concen: 18.010 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. -0.00 min

Lab File: VN063478.D

Acq: 21 Sep 2020 12:06

Instrument :

MSVOA_N

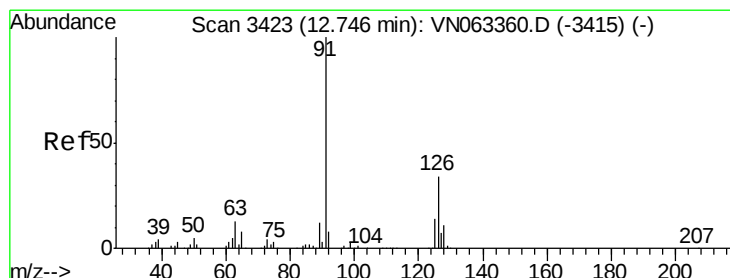
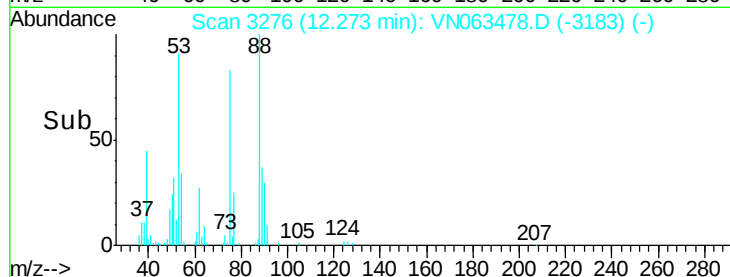
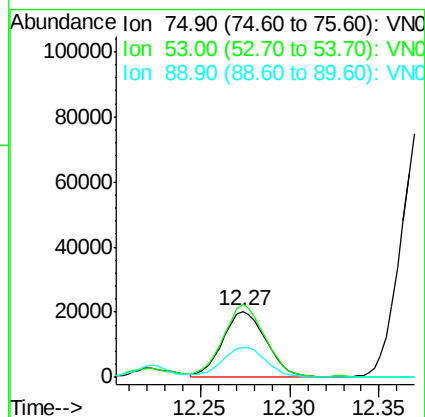
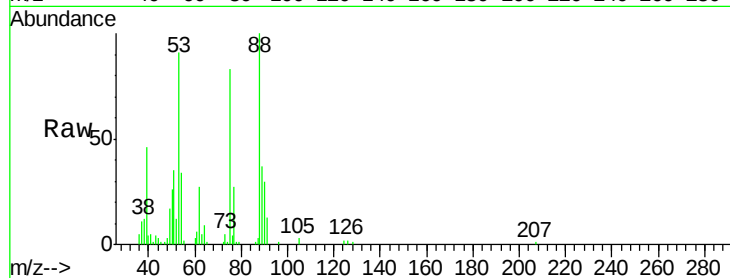
ClientSampled :

VN0921WBS01

Tot Ion:	75	Resp:	34472
Ion	Ratio	Lower	Upper
75	100		
53	104.5	85.7	128.5
89	46.3	38.0	57.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 18.388 ug/l

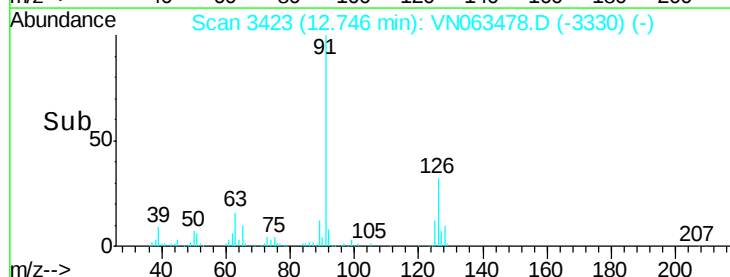
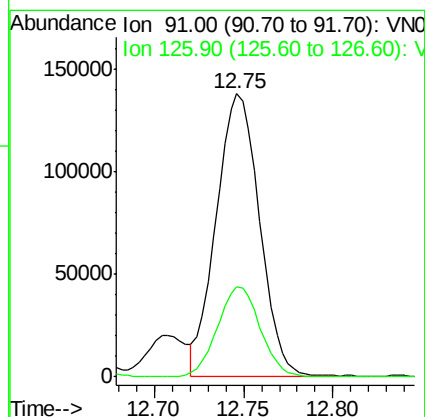
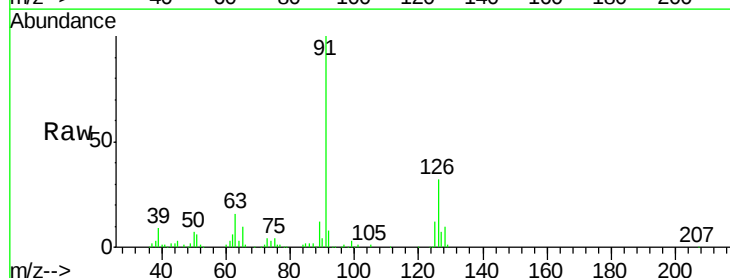
RT: 12.75 min Scan# 3423

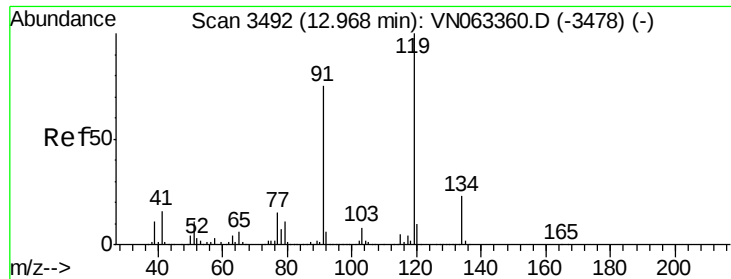
Delta R.T. -0.00 min

Lab File: VN063478.D

Acq: 21 Sep 2020 12:06

Tgt Ion:	91	Resp:	230465
Ion	Ratio	Lower	Upper
91	100		
126	31.2	15.5	46.5





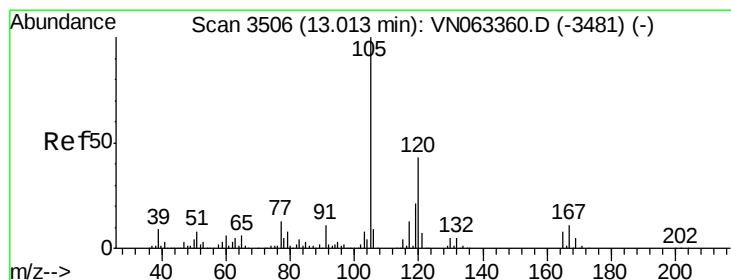
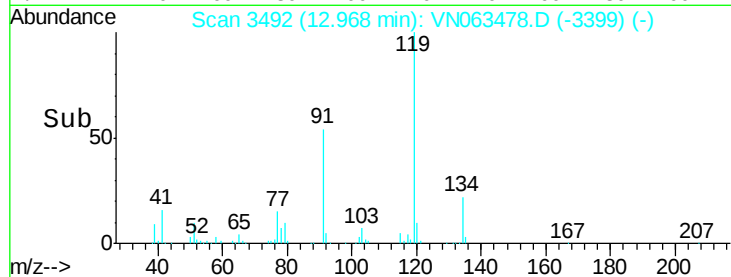
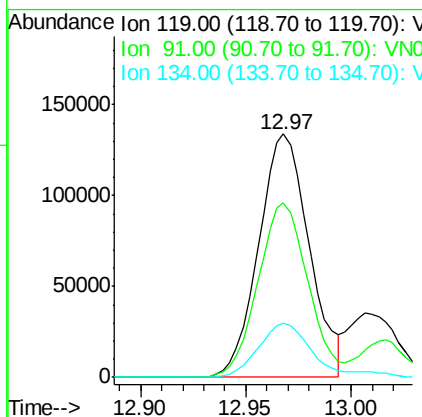
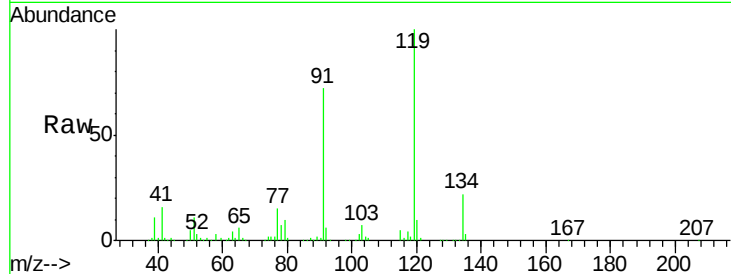
#83
 tert-Butylbenzene
 Concen: 19.087 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. -0.00 min
 Lab File: VN063478.D
 Acq: 21 Sep 2020 12:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	71.2	36.3	108.9
134	22.7	12.3	36.8

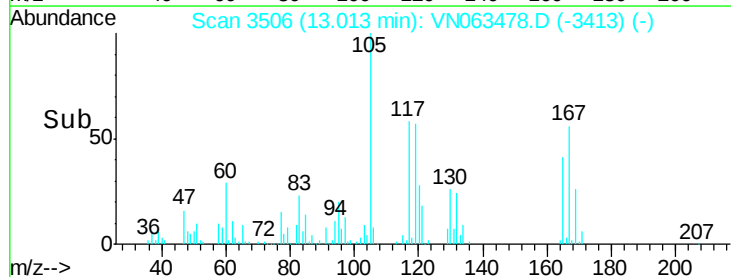
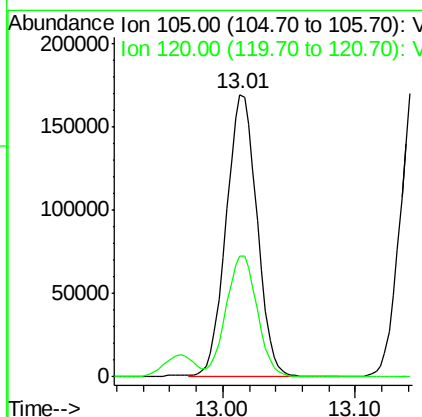
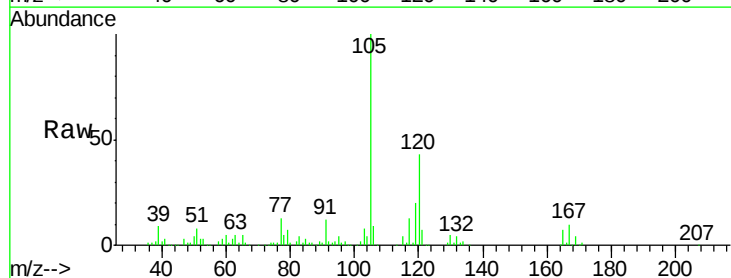
Manual Integrations
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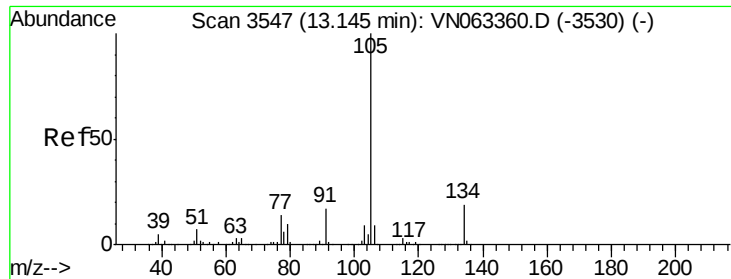
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.051 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. -0.00 min
 Lab File: VN063478.D
 Acq: 21 Sep 2020 12:06

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.3	21.3	63.9





#85

sec-Butylbenzene

Concen: 18.890 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN063478.D

Acq: 21 Sep 2020 12:06

Instrument :

MSVOA_N

ClientSampleId :

VN0921WBS01

Tot Ion:105 Resp: 295654

Ion Ratio Lower Upper

105 100

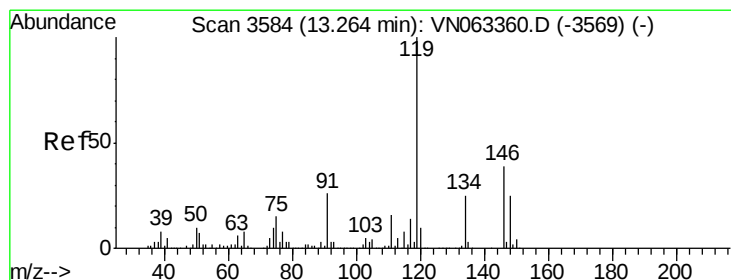
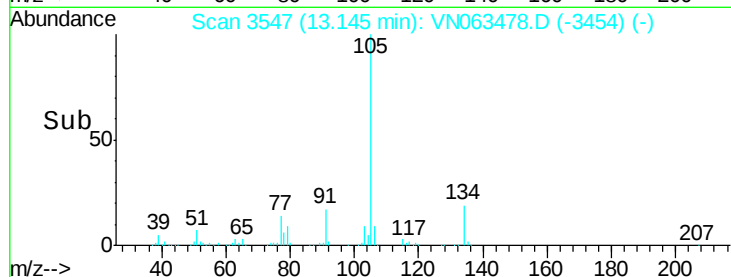
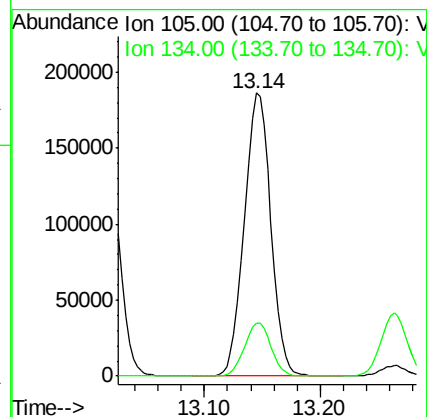
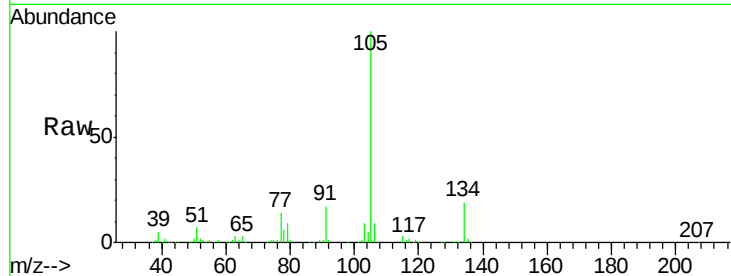
134 18.8 9.3 27.7

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 19.253 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. -0.00 min

Lab File: VN063478.D

Acq: 21 Sep 2020 12:06

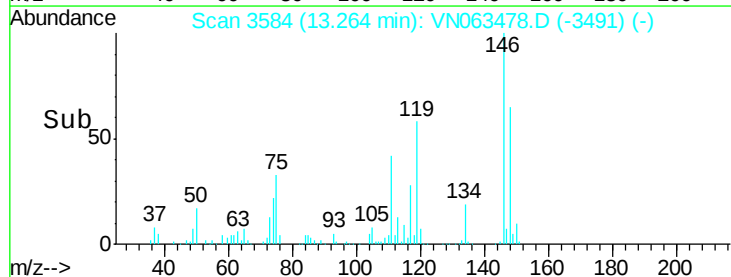
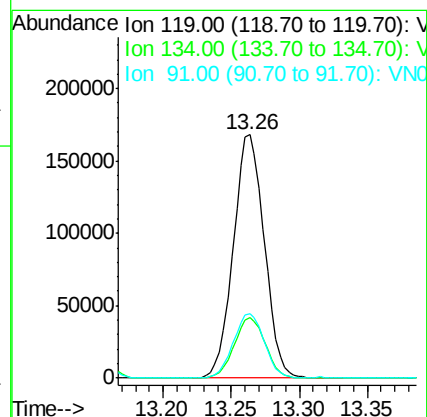
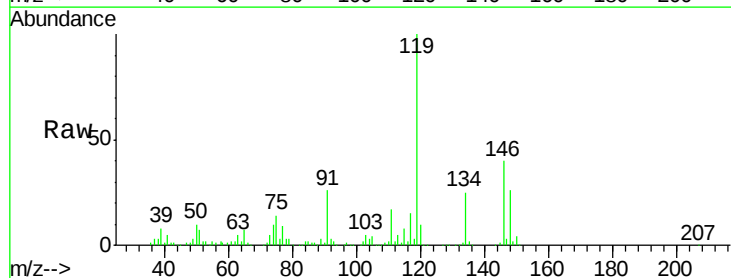
Tgt Ion:119 Resp: 265787

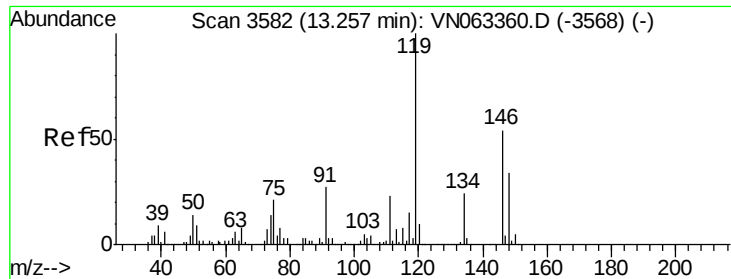
Ion Ratio Lower Upper

119 100

134 24.9 12.5 37.5

91 26.5 13.4 40.1





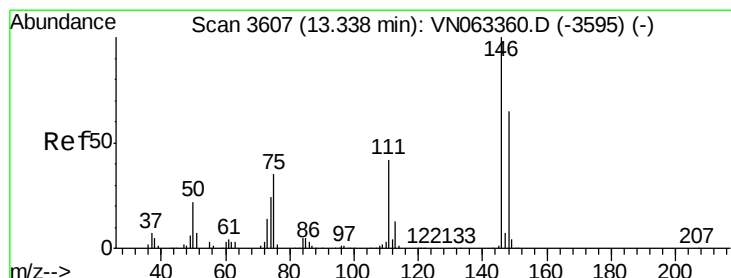
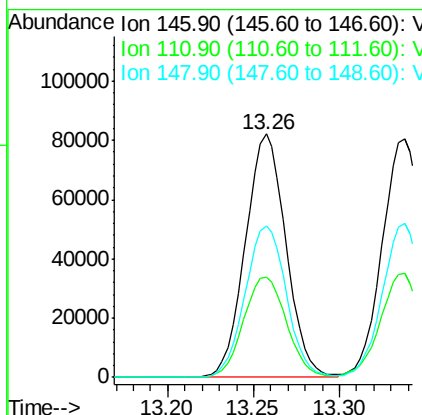
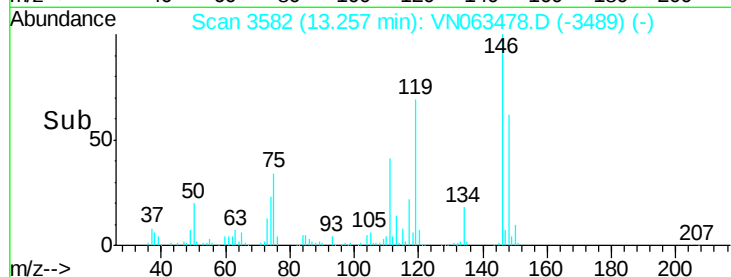
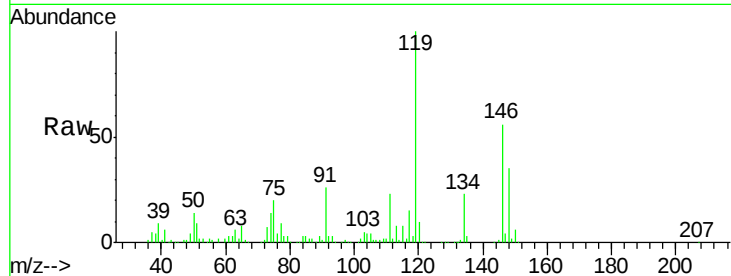
#87
 1,3-Dichlorobenzene
 Concen: 19.028 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN063478.D
 Acq: 21 Sep 2020 12:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	134785		
111	43.4	21.4	64.3	
148	63.3	31.9	95.7	

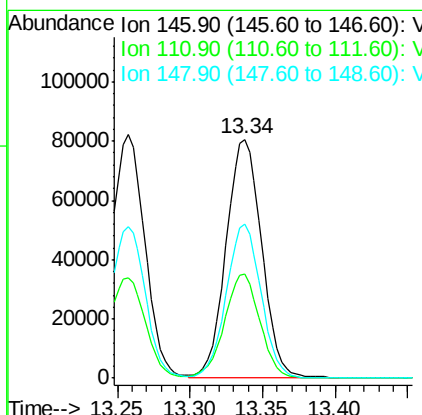
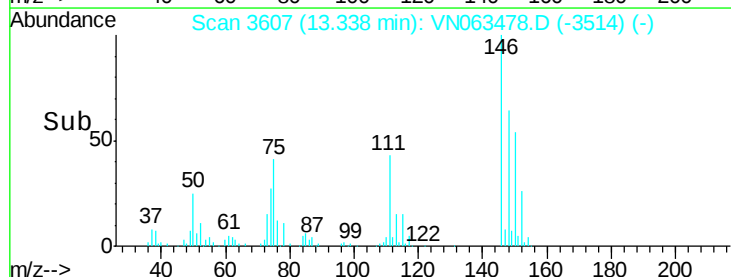
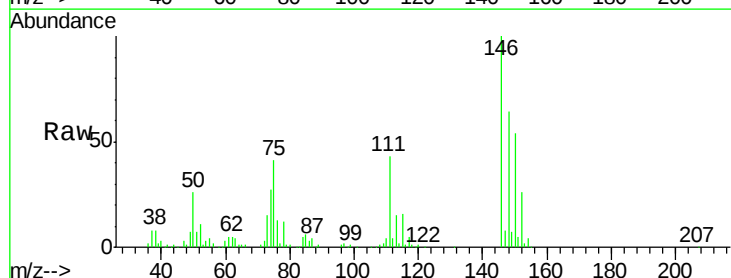
Manual Integrations
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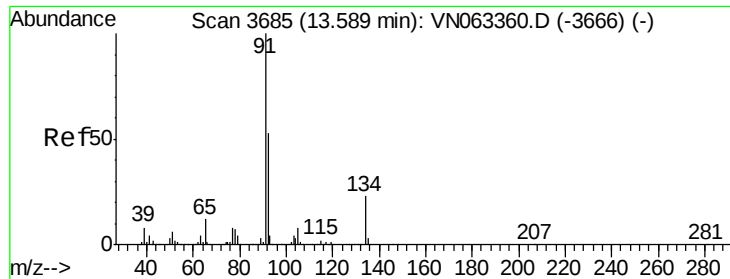
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 9/22/2020 2:07:03 PM



#88
 1,4-Dichlorobenzene
 Concen: 18.954 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. -0.00 min
 Lab File: VN063478.D
 Acq: 21 Sep 2020 12:06

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	136500		
111	43.3	21.2	63.6	
148	63.4	31.9	95.9	





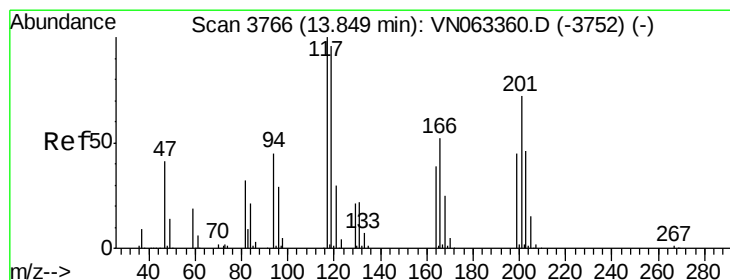
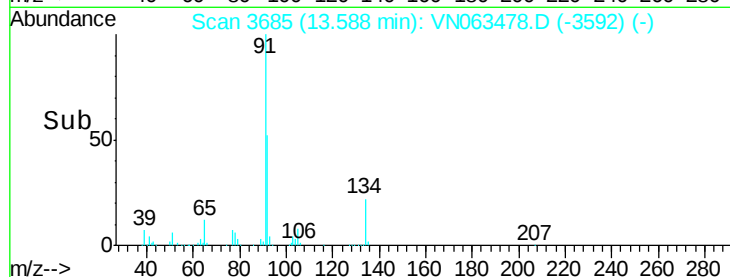
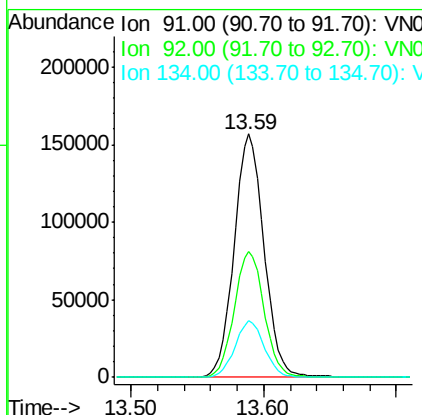
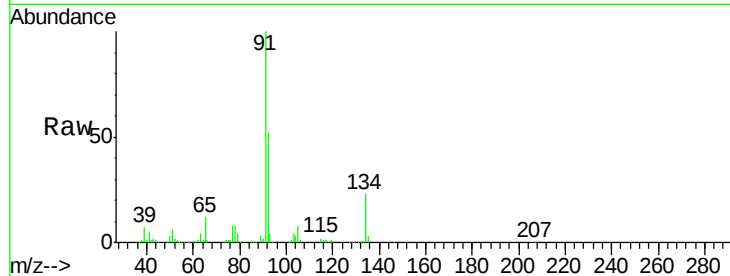
#89
n-Butylbenzene
Concen: 19.249 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN063478.D
Acq: 21 Sep 2020 12:06

Instrument :
MSVOA_N
ClientSampleId :
VN0921WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.7	26.0	78.0
134	23.0	11.7	35.0

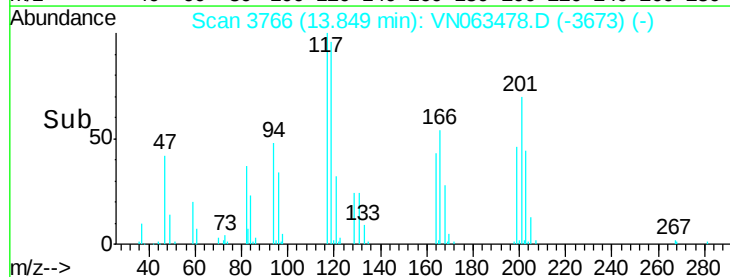
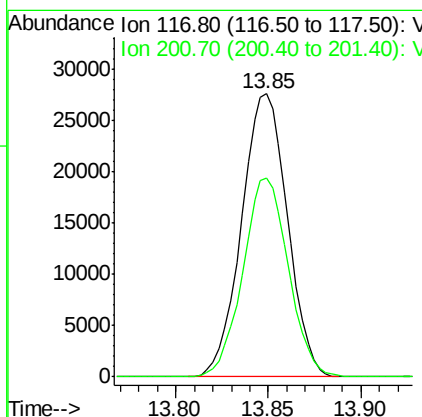
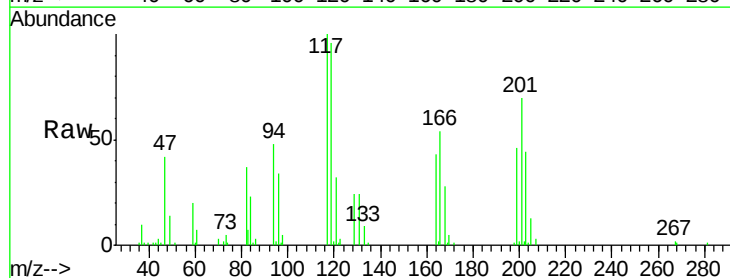
Manual Integrations
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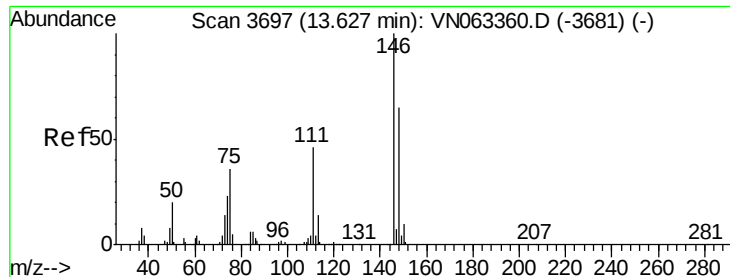
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#90
Hexachloroethane
Concen: 18.031 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. -0.00 min
Lab File: VN063478.D
Acq: 21 Sep 2020 12:06

Tgt Ion	Ratio	Lower	Upper
117	100		
201	69.6	35.5	106.7





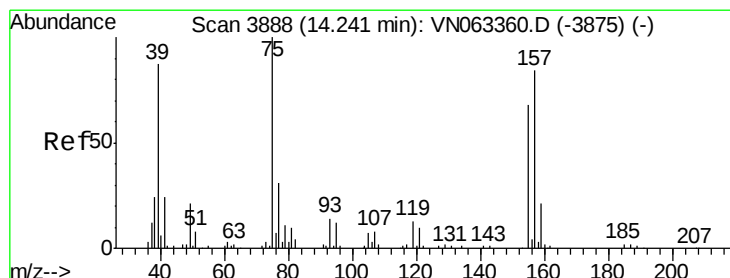
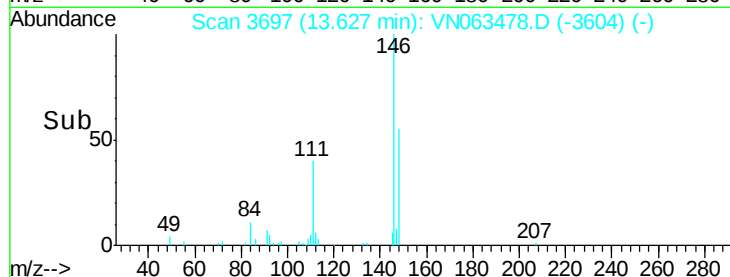
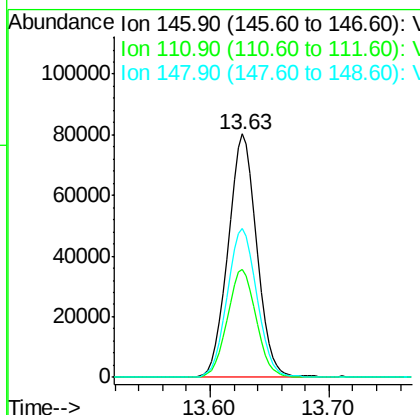
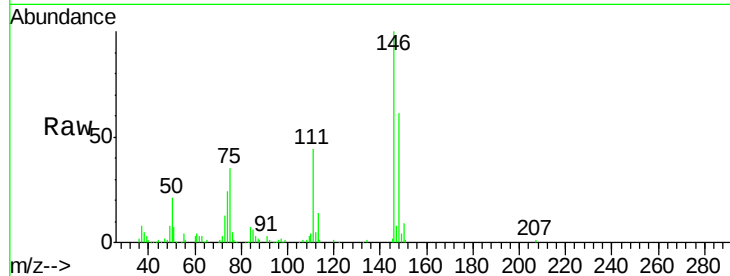
#91
 1,2-Dichlorobenzene
 Concen: 19.301 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. -0.00 min
 Lab File: VN063478.D
 Acq: 21 Sep 2020 12:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	134226		
111	44.4	22.4	67.2	
148	63.3	32.0	96.0	

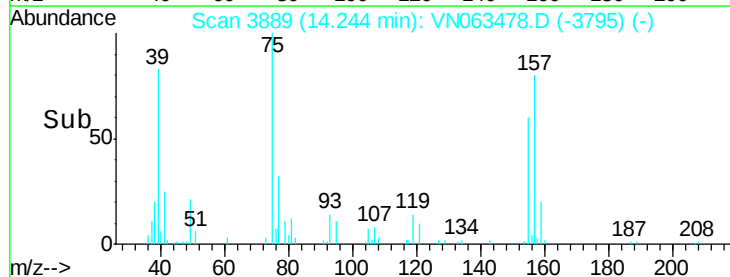
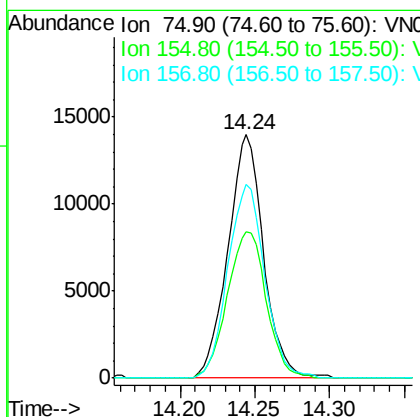
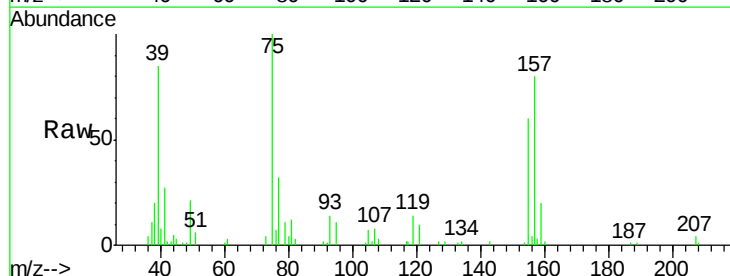
Manual Integrations
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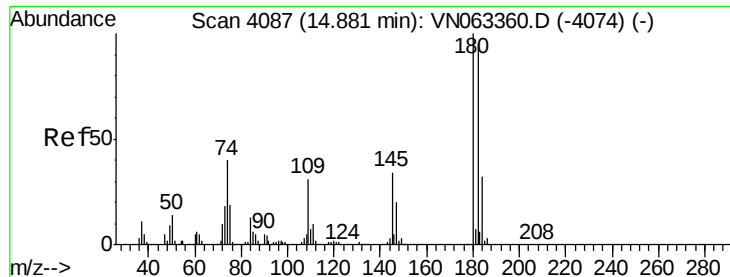
MMDadoda
 9/22/2020 2:07:03 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.457 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN063478.D
 Acq: 21 Sep 2020 12:06

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	23121		
155	65.8	34.6	103.9	
157	82.6	43.7	131.1	





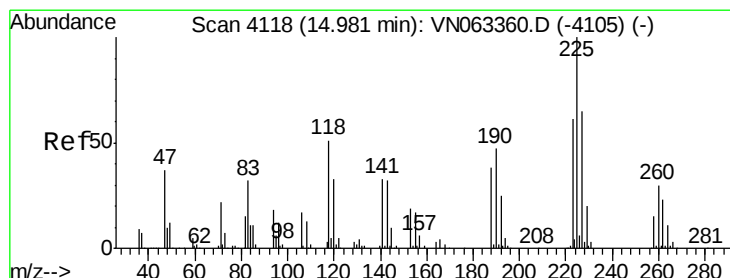
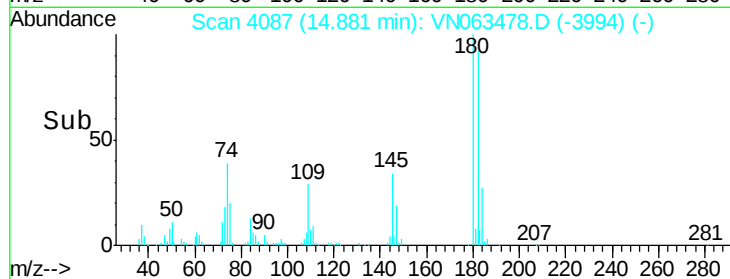
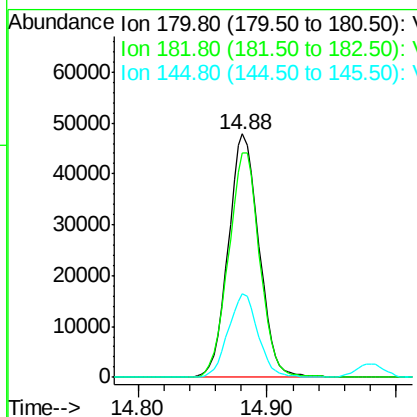
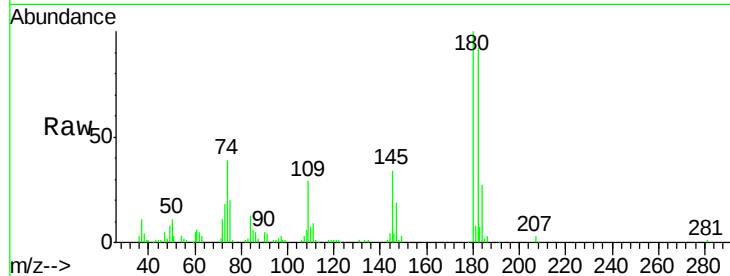
#93
 1,2,4-Trichlorobenzene
 Concen: 19.244 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. -0.00 min
 Lab File: VN063478.D
 Acq: 21 Sep 2020 12:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	93.5	47.3	142.0	
145	33.3	16.6	49.7	

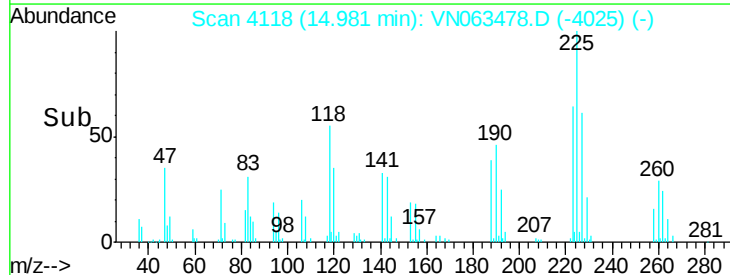
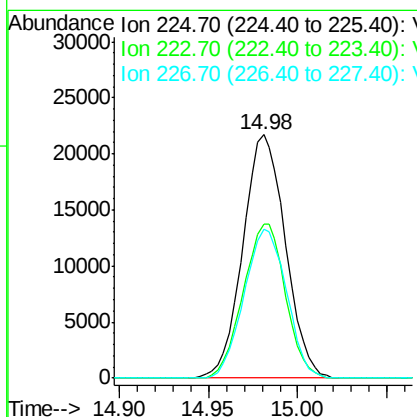
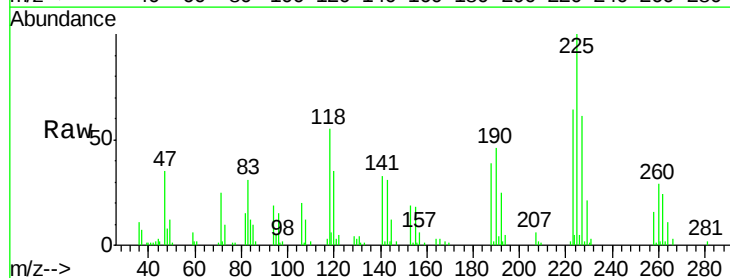
Manual Integrations
 APPROVED

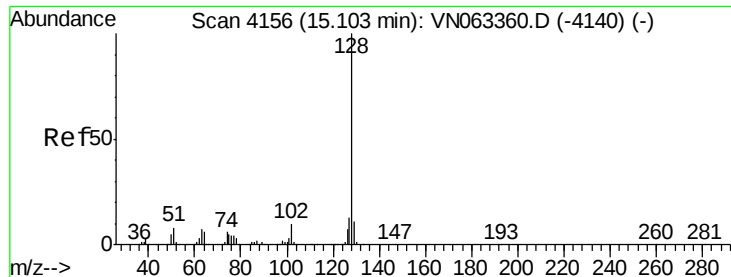
MMDadoda
 9/22/2020 2:07:03 PM



#94
 Hexachlorobutadiene
 Concen: 21.313 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN063478.D
 Acq: 21 Sep 2020 12:06

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.8	30.6	91.6	
227	61.0	31.2	93.6	





#95

Naphthalene

Concen: 18.373 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. -0.00 min

Lab File: VN063478.D

Acq: 21 Sep 2020 12:06

Instrument :

MSVOA_N

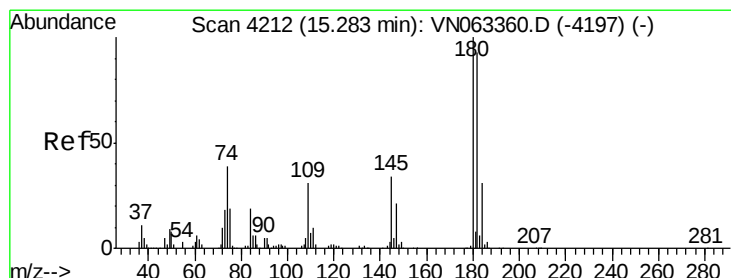
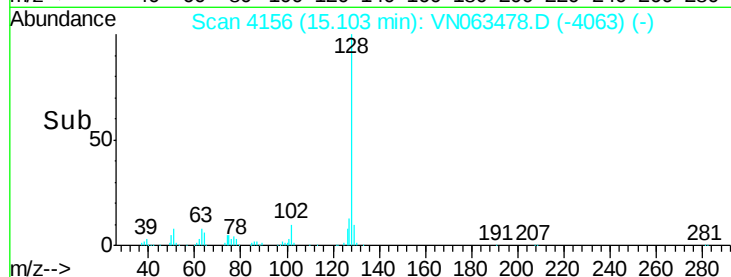
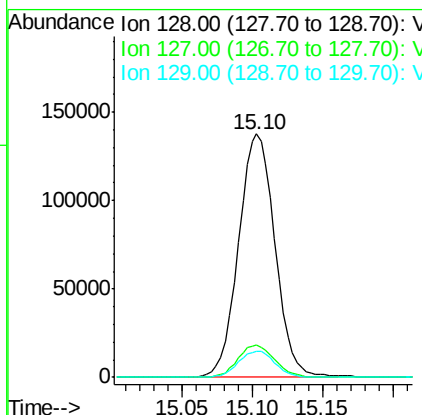
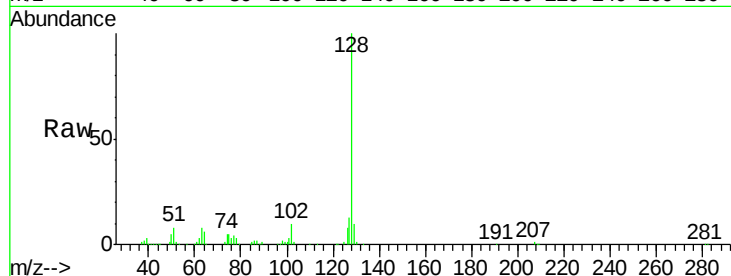
ClientSampleId :

VN0921WBS01

Tot Ion:	128	Resp:	248868
Ion Ratio	Lower	Upper	
128	100		
127	13.4	10.6	15.8
129	10.7	8.8	13.2

Manual Integrations
APPROVED

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#96

1,2,3-Trichlorobenzene

Concen: 18.979 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. -0.00 min

Lab File: VN063478.D

Acq: 21 Sep 2020 12:06

Tgt Ion:	180	Resp:	75183
Ion Ratio	Lower	Upper	
180	100		
182	95.6	46.7	140.1
145	34.6	16.8	50.3

