

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111020\
 Data File : VN064521.D
 Acq On : 10 Nov 2020 13:23
 Operator : JC/MD
 Sample : VN1110WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VN1110WBS01

Manual Integrations
 APPROVED

MMDadoda
 11/11/2020 1:01:22 PM

Quant Time: Nov 11 02:32:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N110920W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Nov 09 13:16:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.15	128	58377	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	317158	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	303357	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.99	65	163369	31.61	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	105.37%
60) 4-Bromofluorobenzene	12.38	95	151962	29.24	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	97.47%
63) Toluene-d8	10.06	98	417469	29.51	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.37%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.84	85	84328	21.569 ug/l	95
3) Chloromethane	2.04	50	93765	21.017 ug/l	97
4) Vinyl Chloride	2.17	62	100603	20.812 ug/l	100
5) Bromomethane	2.54	94	63306	20.011 ug/l	96
6) Chloroethane	2.68	64	64515	21.373 ug/l	96
7) Trichlorofluoromethane	2.99	101	156082	22.299 ug/l	99
8) Diethyl Ether	3.37	74	53542	21.418 ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.71	101	73226	22.228 ug/l	53
10) 1,1-Dichloroethene	3.69	96	64261	20.391 ug/l	98
11) Methyl Iodide	3.91	142	78008	20.078 ug/l	97
12) Methyl Acetate	4.28	43	76632	19.944 ug/l	96
13) Acrolein	3.57	56	40130	103.279 ug/l	99
14) Acrylonitrile	4.93	53	169334m	99.091 ug/l	
15) Acetone	3.78	58	53719	95.253 ug/l	93
16) Carbon Disulfide	4.01	76	195898	20.483 ug/l	100
17) Allyl chloride	4.27	41	118738	20.054 ug/l	99
18) Methylene Chloride	4.50	84	79022	21.117 ug/l	94
19) trans-1,2-Dichloroethene	4.98	96	75050	21.012 ug/l	93
20) Diisopropyl ether	5.90	45	259107	20.098 ug/l	89
21) 1,1-Dichloroethane	5.80	63	148486	20.944 ug/l	98
22) cis-1,2-Dichloroethene	6.78	96	82324	20.337 ug/l	97
23) tert-Butyl Alcohol	4.74	59	58198	99.461 ug/l	# 100
24) Methyl tert-Butyl Ether	5.00	73	221645	19.884 ug/l	# 72
25) Chloroform	7.33	83	157566	21.149 ug/l	98
26) Cyclohexane	7.61	56	105076	19.197 ug/l	95
29) 1,1-Dichloropropene	7.75	75	110475	20.072 ug/l	99
30) 2-Butanone	6.79	43	256025	93.970 ug/l	# 82
31) 2,2-Dichloropropane	6.78	77	134790	20.617 ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	139068	20.599 ug/l	99
33) Carbon Tetrachloride	7.73	117	124758	20.693 ug/l	99
34) Benzene	8.00	78	325480	20.423 ug/l	99
35) Methacrylonitrile	7.13	41	41343	16.220 ug/l	95
36) 1,2-Dichloroethane	8.09	62	134538	20.572 ug/l	98
37) Trichloroethene	8.80	130	81629	20.258 ug/l	93
38) Methylcyclohexane	9.05	83	95149	19.113 ug/l	99
39) 1,2-Dichloropropane	9.08	63	88003	20.552 ug/l	98
40) Dibromomethane	9.17	93	61086	21.146 ug/l	99

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 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1110WBS01

Manual Integrations
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 11/11/2020 1:01:22 PM

Quant Time: Nov 11 02:32:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N110920W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Nov 09 13:16:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.37	83	129825	20.736	ug/l	97
42) Vinyl Acetate	5.85	43	1059503	97.137	ug/l #	89
43) Ethyl Acetate	6.88	43	107077	20.198	ug/l #	87
44) Isopropyl Acetate	8.13	43	175740	19.204	ug/l	93
45) 1,4-Dioxane	9.17	88	24979	389.370	ug/l	96
46) Methyl methacrylate	9.17	41	86813	19.075	ug/l	99
47) n-amyl Acetate	12.05	43	141421	17.864	ug/l	100
48) t-1,3-Dichloropropene	10.35	75	127757	19.256	ug/l	98
49) cis-1,3-Dichloropropene	9.81	75	142717	20.472	ug/l	100
50) 1,1,2-Trichloroethane	10.53	97	78983	19.943	ug/l	97
51) Ethyl methacrylate	10.40	69	105180	18.533	ug/l	95
52) 1,3-Dichloropropane	10.68	76	135595	19.929	ug/l	100
53) Dibromochloromethane	10.87	129	90870	20.034	ug/l	98
54) 1,2-Dibromoethane	10.98	107	81917	20.222	ug/l	98
55) 2-Chloroethyl vinyl ether	9.66	63	254226	85.597	ug/l	99
56) Bromoform	12.10	173	58582	19.682	ug/l #	97
58) 4-Methyl-2-Pentanone	9.95	43	534316	95.913	ug/l	99
59) 2-Hexanone	10.72	43	391470	93.299	ug/l	99
61) Tetrachloroethene	10.60	164	78715	20.759	ug/l	98
62) Toluene	10.13	91	355774	19.970	ug/l	100
64) Chlorobenzene	11.41	112	211483	19.971	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.48	131	83229	20.105	ug/l	99
66) Ethyl Benzene	11.48	91	365232	18.996	ug/l	99
67) m/p-Xylenes	11.59	106	274842	38.729	ug/l	98
68) o-Xylene	11.92	106	130130	19.377	ug/l	98
69) Styrene	11.94	104	222933	19.384	ug/l	98
70) Isopropylbenzene	12.22	105	343425	19.537	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.48	83	107333	19.067	ug/l	97
72) 1,2,3-Trichloropropane	12.53	75	113991m	20.305	ug/l	
73) Bromobenzene	12.50	156	83502	19.203	ug/l	98
74) n-propylbenzene	12.57	91	407137	19.692	ug/l	100
75) 2-Chlorotoluene	12.65	91	251675	19.360	ug/l	98
76) 1,3,5-Trimethylbenzene	12.71	105	296105	19.955	ug/l	99
77) t-1,4-Dichloro-2-butene	12.28	75	34783	16.993	ug/l	91
78) 4-Chlorotoluene	12.75	91	256776	18.798	ug/l	99
79) tert-butylbenzene	12.97	119	220195	18.909	ug/l	99
80) 1,2,4-Trimethylbenzene	13.02	105	291010	19.461	ug/l	100
81) sec-Butylbenzene	13.14	105	294066	19.050	ug/l	100
82) p-Isopropyltoluene	13.26	119	263381	19.099	ug/l	98
83) 1,3-Dichlorobenzene	13.26	146	149740	19.575	ug/l	97
84) 1,4-Dichlorobenzene	13.34	146	141205	18.560	ug/l	99
85) n-Butylbenzene	13.59	91	217895	18.225	ug/l	98
86) Hexachloroethane	13.85	117	52157	18.980	ug/l	97
87) 1,2-Dichlorobenzene	13.63	146	144130	19.345	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	14.24	75	21286	17.503	ug/l	99
89) 1,2,4-Trichlorobenzene	14.88	180	56647	16.746	ug/l	99
90) Hexachlorobutadiene	14.98	225	31872	18.917	ug/l	99
91) Naphthalene	15.11	128	174351	15.580	ug/l	100
92) 1,2,3-Trichlorobenzene	15.29	180	60600	17.701	ug/l	97

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Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01

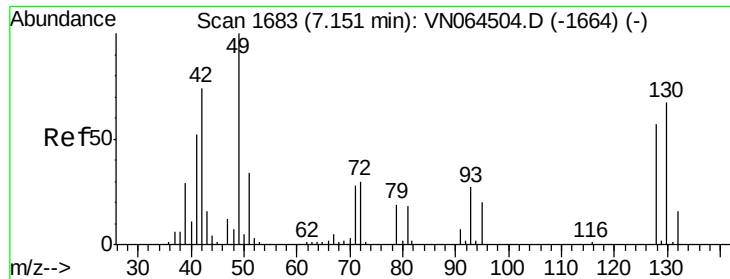
Manual Integrations
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Quant Time: Nov 11 02:32:49 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N110920W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Nov 09 13:16:36 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



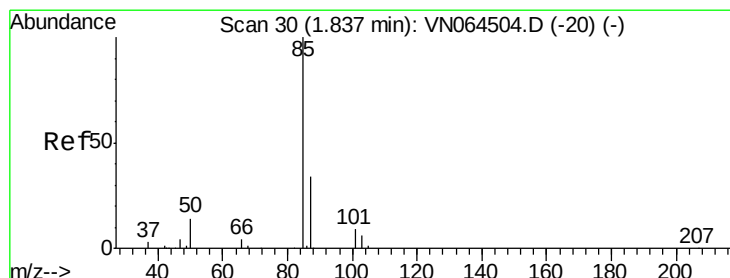
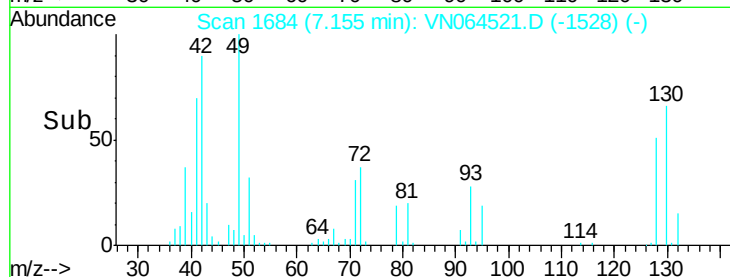
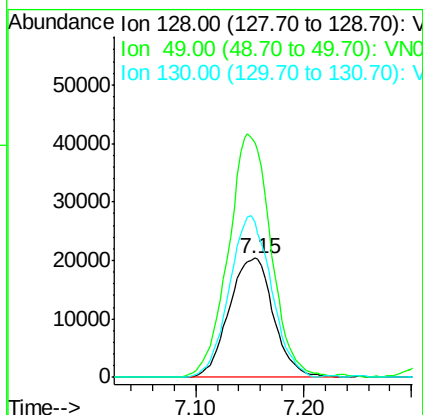
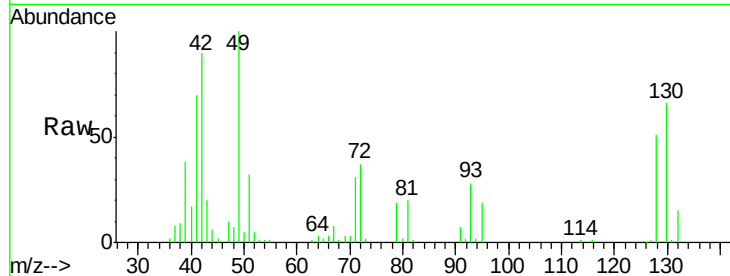
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.15 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VN064521.D
Acq: 10 Nov 2020 13:23

Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
49	196.2	0.0	475.5
130	128.5	0.0	315.3

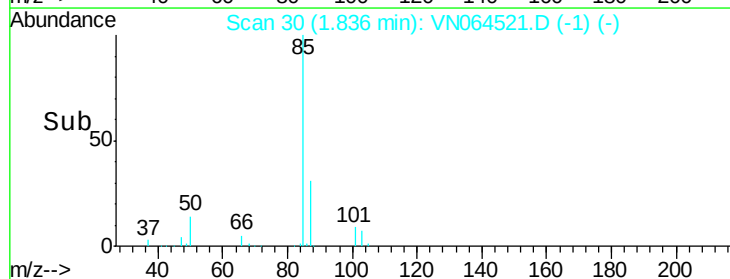
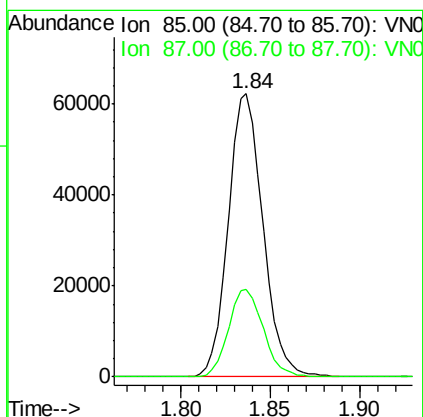
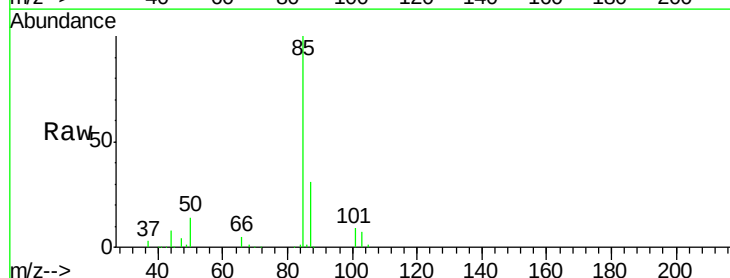
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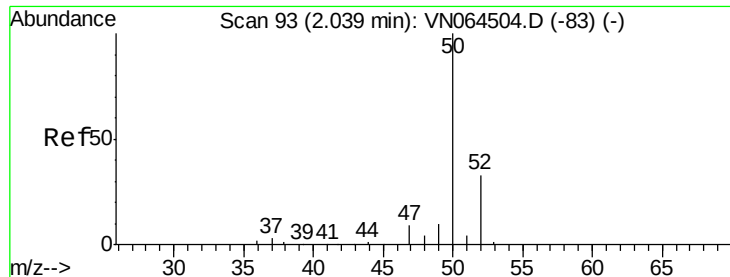
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#2
Dichlorodifluoromethane
Concen: 21.569 ug/l
RT: 1.84 min Scan# 30
Delta R.T. -0.00 min
Lab File: VN064521.D
Acq: 10 Nov 2020 13:23

Tgt Ion	Ratio	Lower	Upper
85	100		
87	30.9	17.0	50.9





#3

Chloromethane

Concen: 21.017 ug/l

RT: 2.04 min Scan# 93

Delta R.T. -0.00 min

Lab File: VN064521.D

Acq: 10 Nov 2020 13:23

Instrument :

MSVOA_N

ClientSampleId :

VN1110WBS01

Tot Ion: 50 Resp: 93765

Ion Ratio Lower Upper

50 100

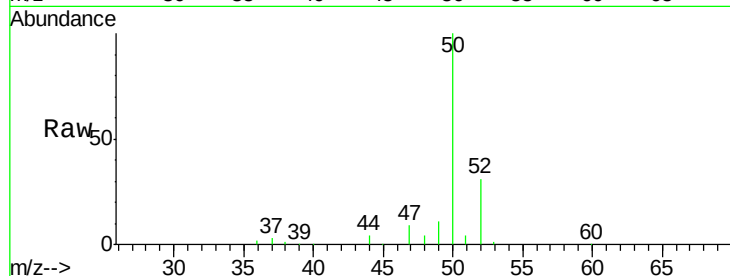
52 31.1 26.0 39.0

Manual Integrations

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Abundance Ion 50.00 (49.70 to 50.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

2.04

80000

60000

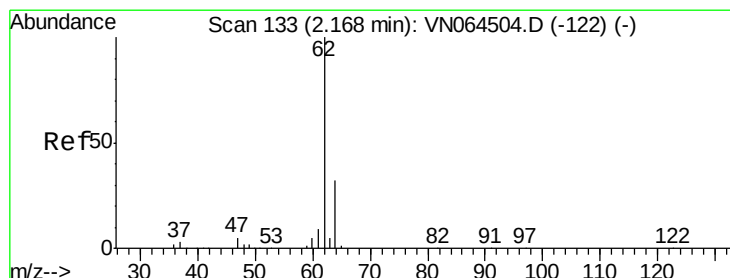
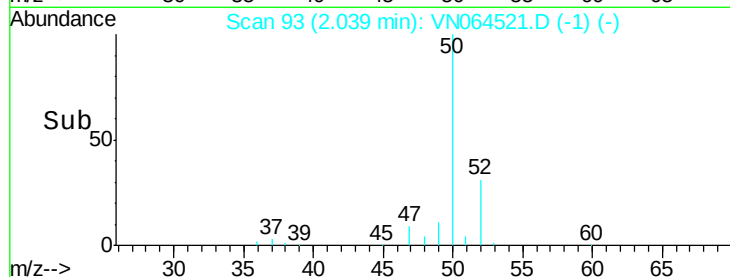
40000

20000

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Time-->

2.00 2.05 2.10



#4

Vinyl Chloride

Concen: 20.812 ug/l

RT: 2.17 min Scan# 133

Delta R.T. -0.00 min

Lab File: VN064521.D

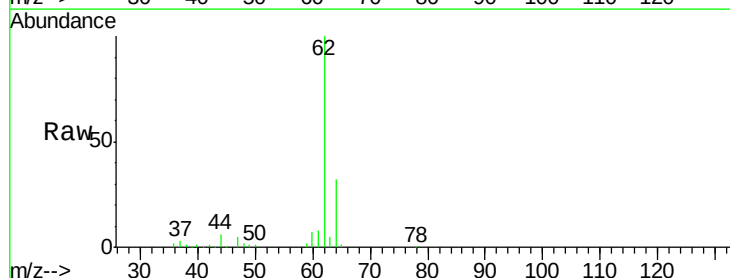
Acq: 10 Nov 2020 13:23

Tgt Ion: 62 Resp: 100603

Ion Ratio Lower Upper

62 100

64 32.1 25.8 38.8



Abundance Ion 62.00 (61.70 to 62.70): VN0

Ion 64.00 (63.70 to 64.70): VN0

2.17

80000

60000

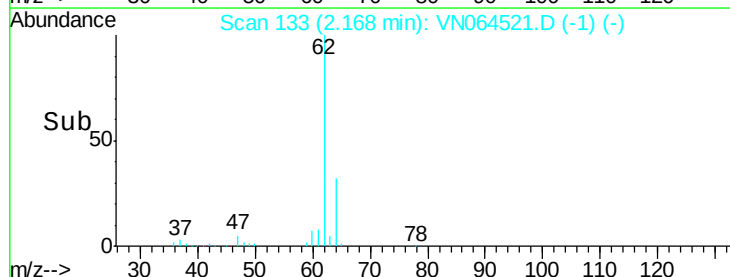
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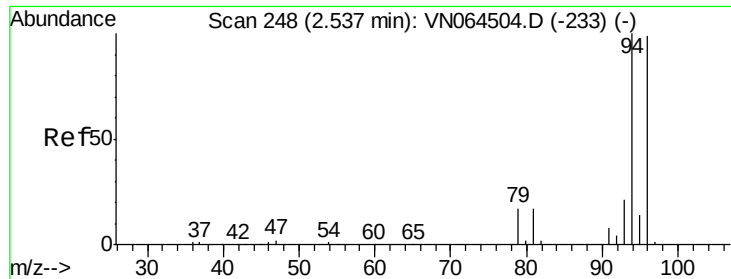
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Time-->

2.10 2.15 2.20





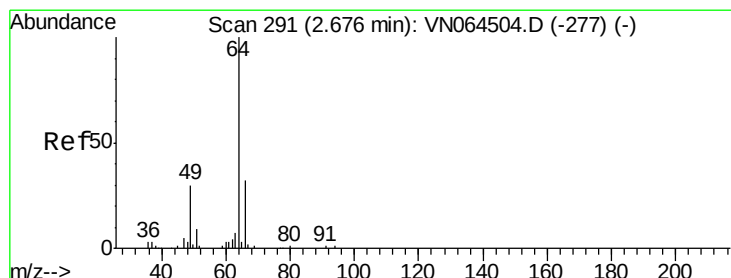
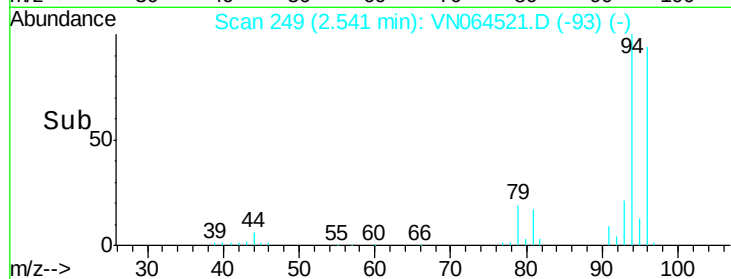
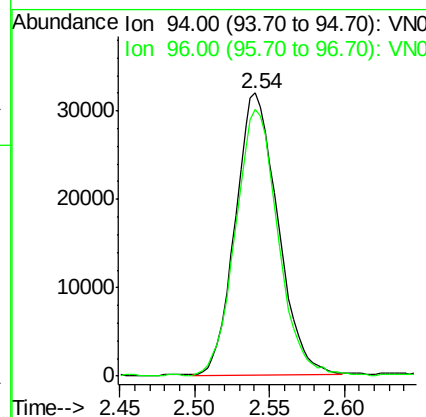
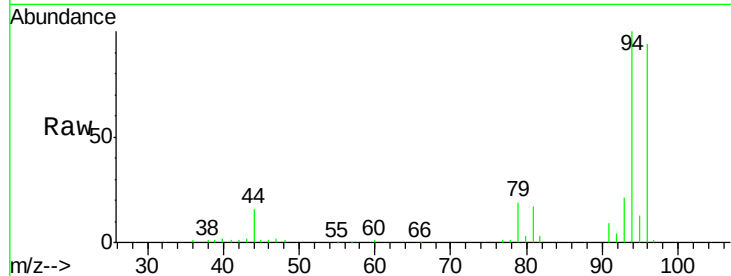
#5
Bromomethane
Concen: 20.011 ug/l
RT: 2.54 min Scan# 249
Delta R.T. 0.00 min
Lab File: VN064521.D
Acq: 10 Nov 2020 13:23

Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01

Tot Ion: 94 Resp: 63306
Ion Ratio Lower Upper
94 100
96 95.1 79.3 118.9

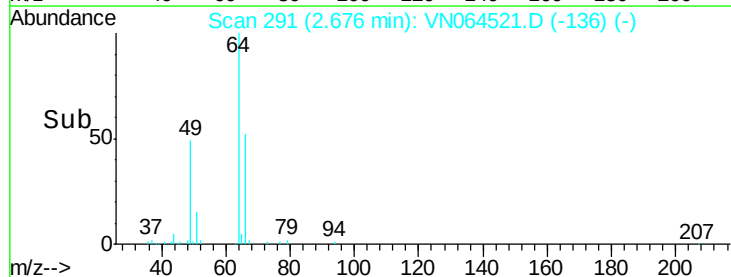
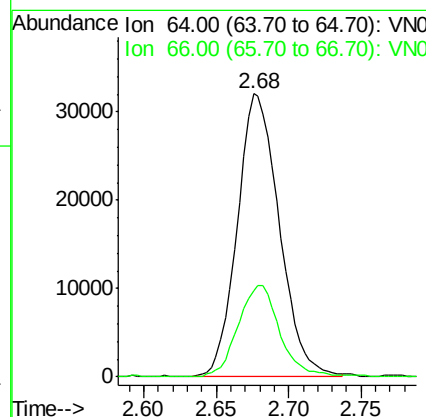
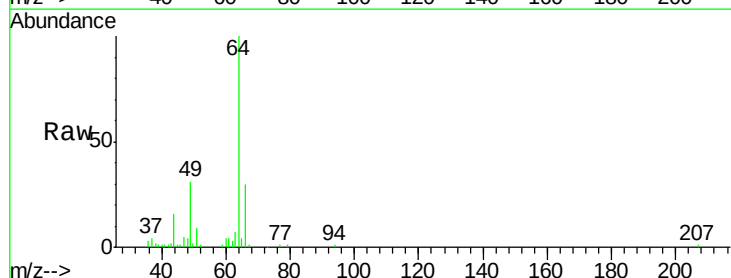
Manual Integrations
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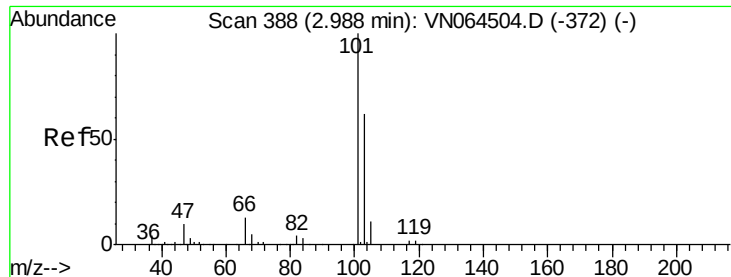
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#6
Chloroethane
Concen: 21.373 ug/l
RT: 2.68 min Scan# 291
Delta R.T. -0.00 min
Lab File: VN064521.D
Acq: 10 Nov 2020 13:23

Tgt Ion: 64 Resp: 64515
Ion Ratio Lower Upper
64 100
66 30.4 26.0 39.0





#7

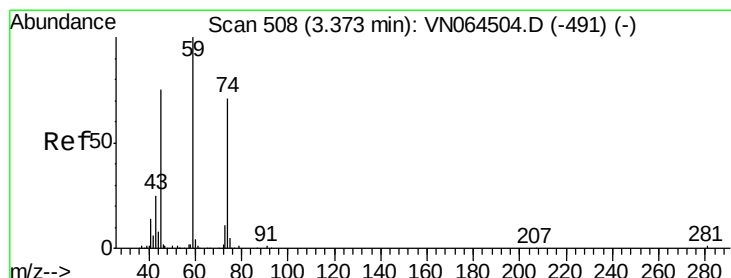
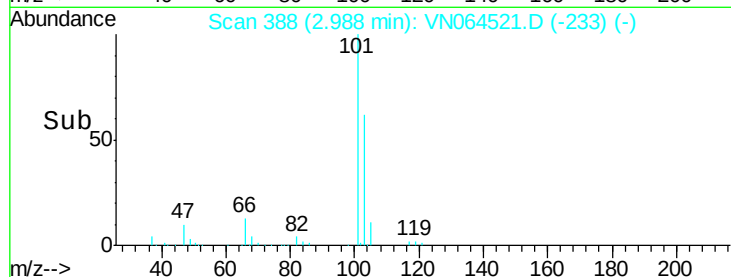
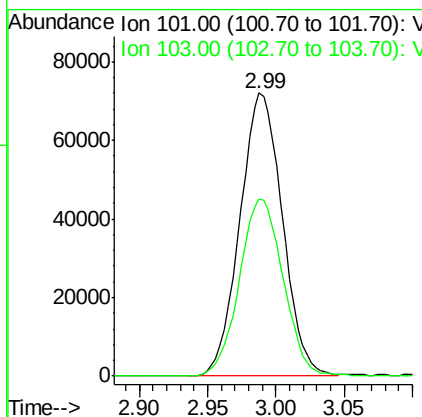
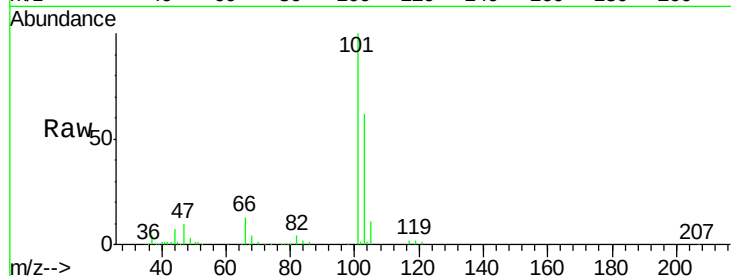
Trichlorofluoromethane
Concen: 22.299 ug/l
RT: 2.99 min Scan# 388
Delta R.T. -0.00 min
Lab File: VN064521.D
Acq: 10 Nov 2020 13:23

Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.4	49.3	73.9

Manual Integrations
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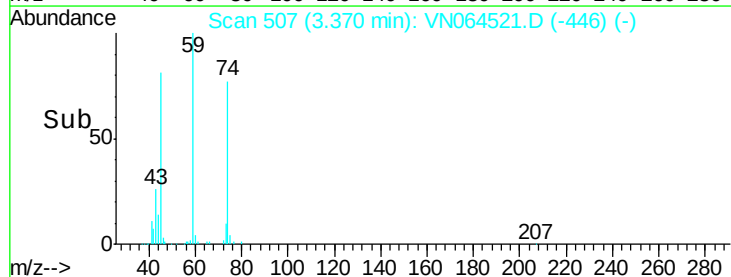
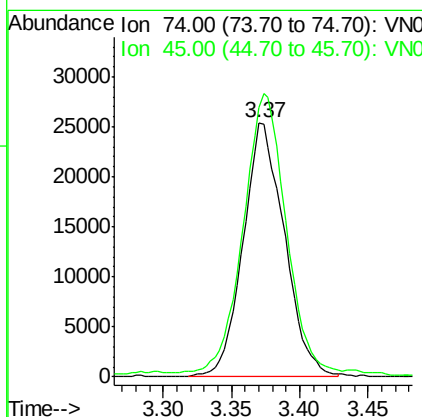
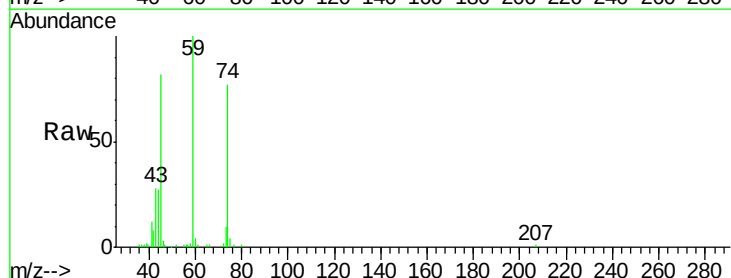
MMDadoda
11/11/2020 1:01:22 PM

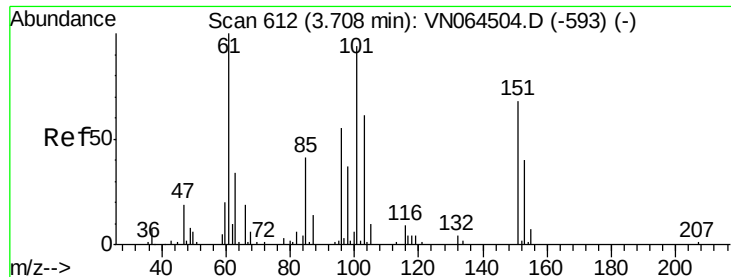


#8

Diethyl Ether
Concen: 21.418 ug/l
RT: 3.37 min Scan# 507
Delta R.T. -0.00 min
Lab File: VN064521.D
Acq: 10 Nov 2020 13:23

Tgt Ion	Ratio	Lower	Upper
74	100		
45	112.4	22.1	198.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.228 ug/l

RT: 3.71 min Scan# 614

Delta R.T. 0.01 min

Lab File: VN064521.D

Acq: 10 Nov 2020 13:23

Instrument :

MSVOA_N

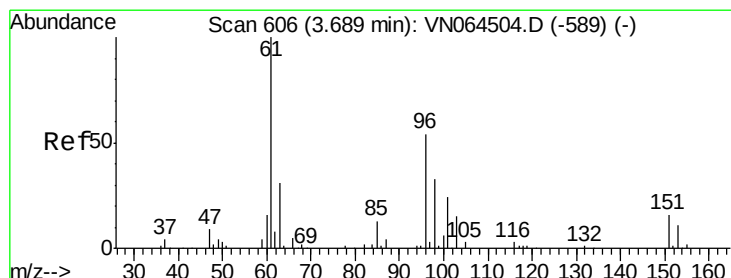
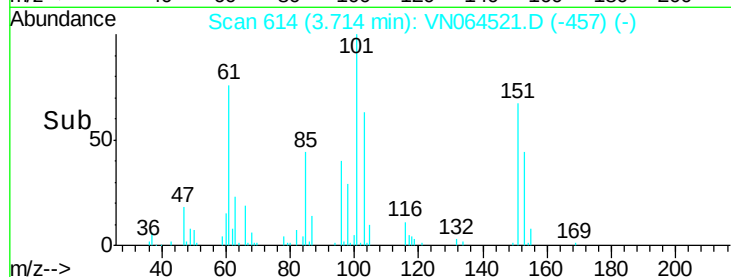
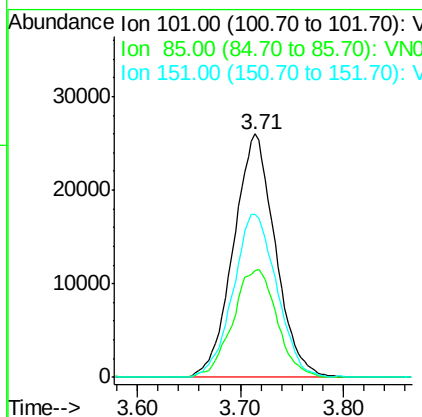
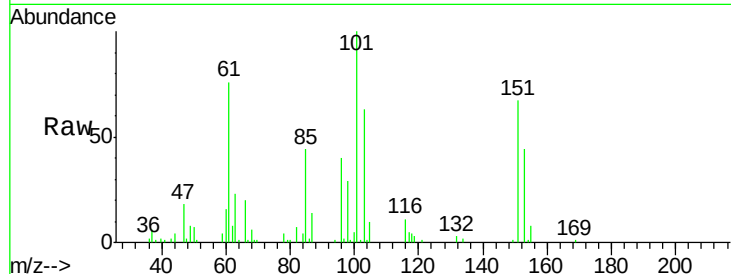
ClientSampleId :

VN1110WBS01

Tot Ion:	101	Resp:	73226
Ion Ratio	Lower	Upper	
101	100		
85	46.6	0.0	49.0
151	70.0	0.0	80.2

Manual Integrations
APPROVED

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#10

1,1-Dichloroethene

Concen: 20.391 ug/l

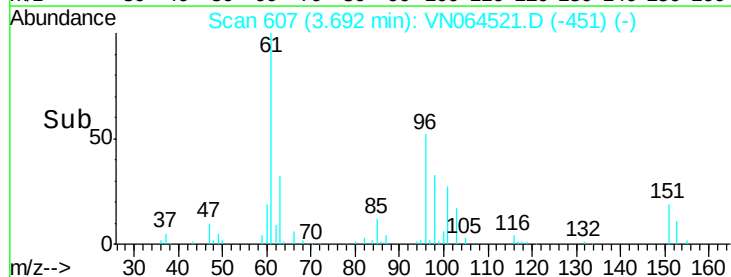
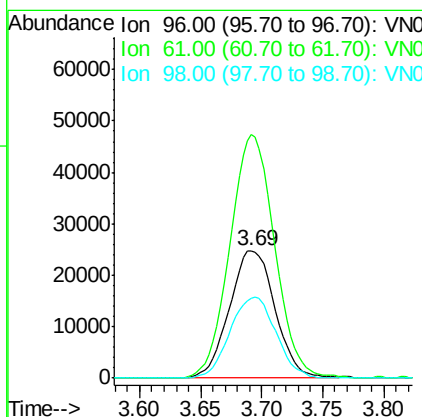
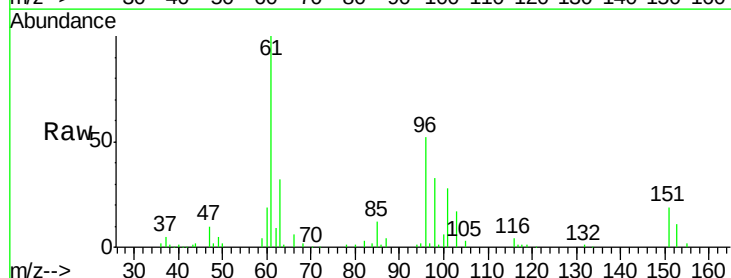
RT: 3.69 min Scan# 607

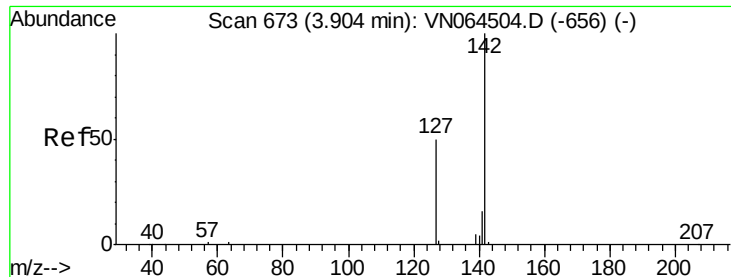
Delta R.T. 0.00 min

Lab File: VN064521.D

Acq: 10 Nov 2020 13:23

Tgt Ion:	96	Resp:	64261
Ion Ratio	Lower	Upper	
96	100		
61	190.2	149.2	223.8
98	62.5	49.6	74.4





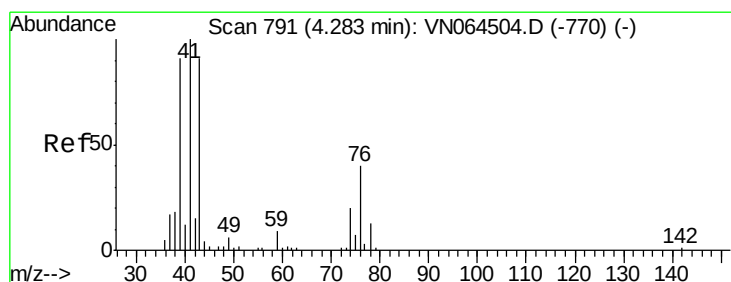
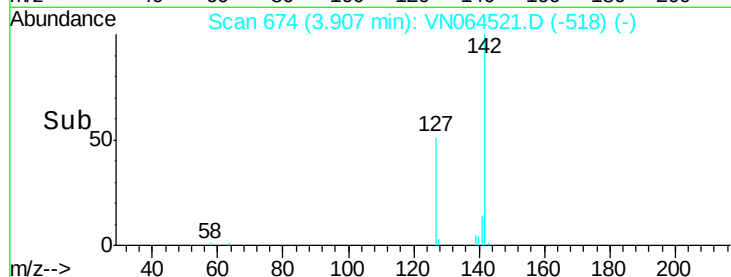
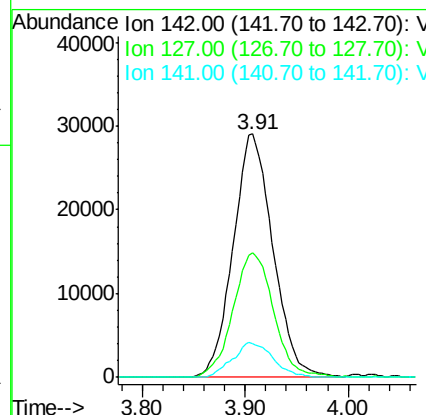
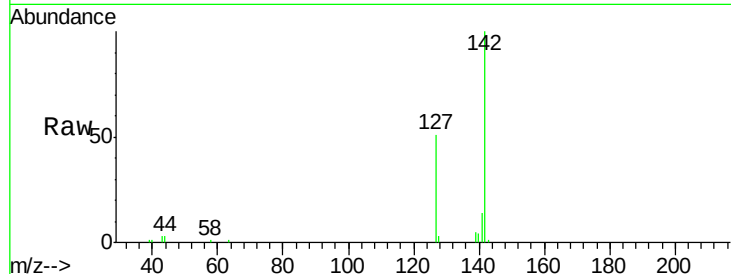
#11
Methyl Iodide
Concen: 20.078 ug/l
RT: 3.91 min Scan# 674
Delta R.T. 0.00 min
Lab File: VN064521.D
Acq: 10 Nov 2020 13:23

Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01

Tot Ion	Ratio	Lower	Upper
142	100		
127	51.2	24.7	74.1
141	13.8	7.8	23.3

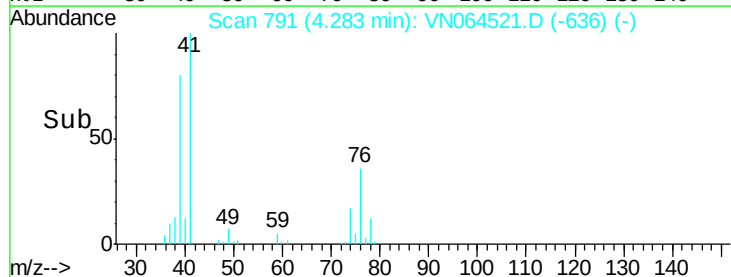
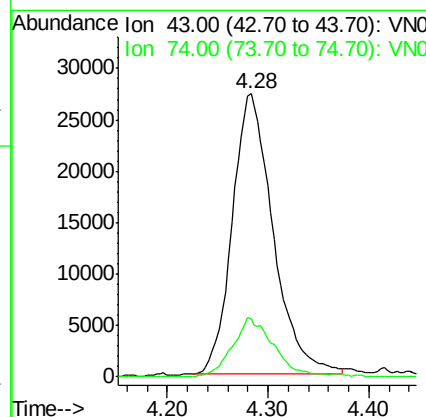
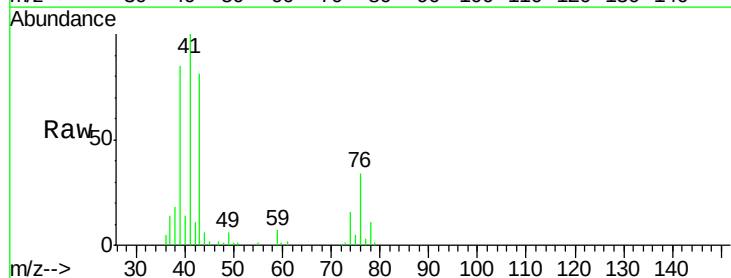
Manual Integrations
APPROVED

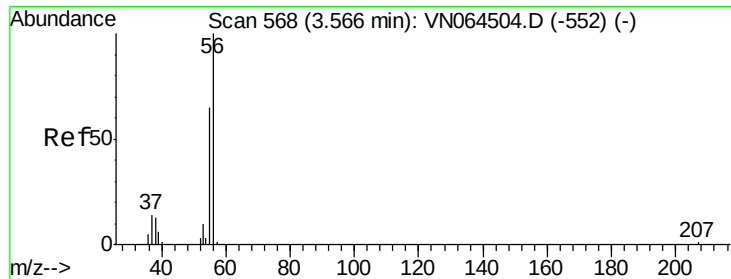
MMDadoda
11/11/2020 1:01:22 PM



#12
Methyl Acetate
Concen: 19.944 ug/l
RT: 4.28 min Scan# 791
Delta R.T. -0.00 min
Lab File: VN064521.D
Acq: 10 Nov 2020 13:23

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.3	17.7	26.5





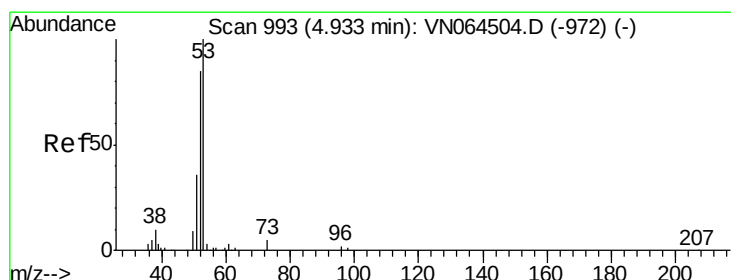
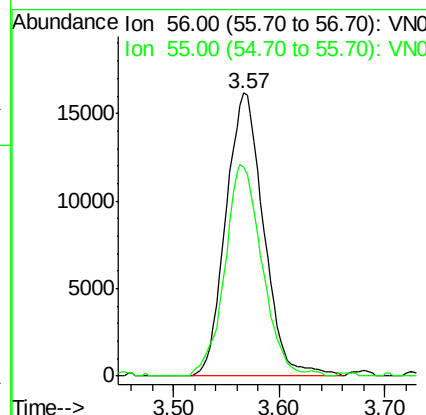
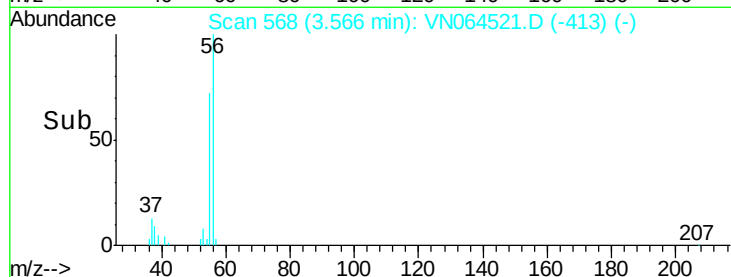
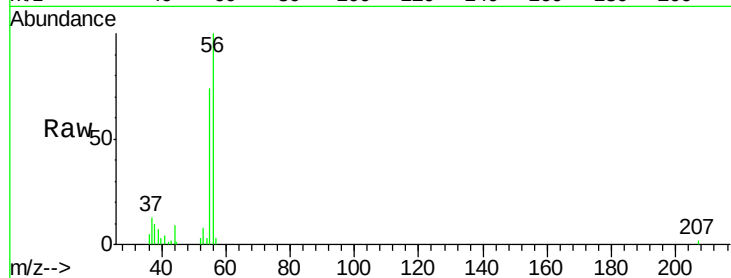
#13
Acrolein
Concen: 103.279 ug/l
RT: 3.57 min Scan# 568
Delta R.T. -0.00 min
Lab File: VN064521.D
Acq: 10 Nov 2020 13:23

Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
55	73.2	58.2	87.2

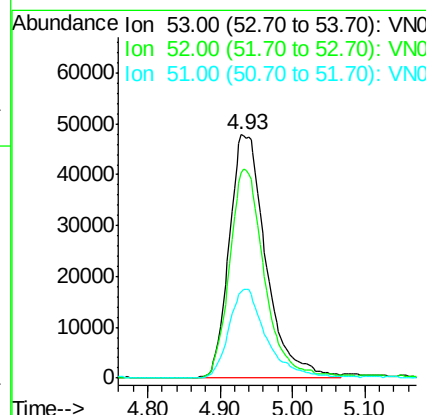
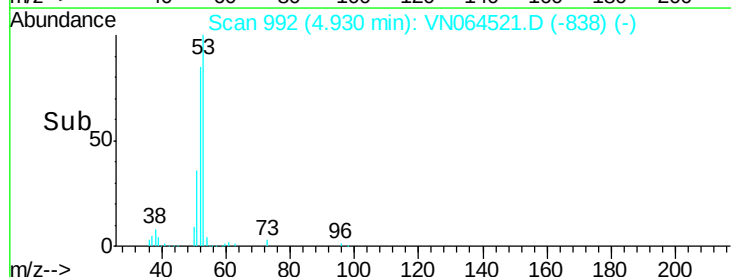
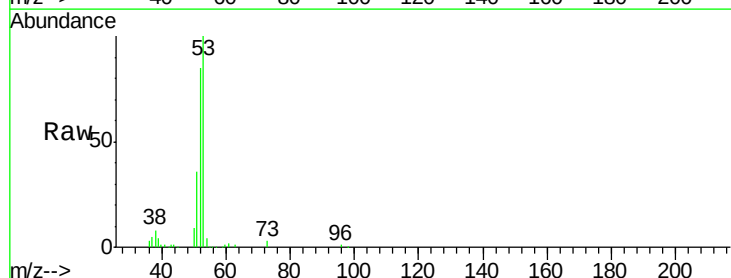
Manual Integrations
APPROVED

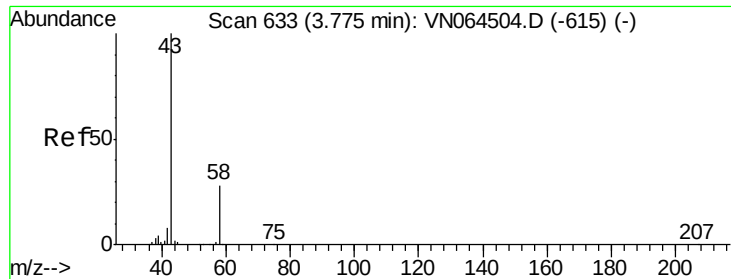
MMDadoda
11/11/2020 1:01:22 PM



#14
Acrylonitrile
Concen: 99.091 ug/l m
RT: 4.93 min Scan# 992
Delta R.T. -0.00 min
Lab File: VN064521.D
Acq: 10 Nov 2020 13:23

Tgt Ion	Ratio	Lower	Upper
53	100		
52	79.9	41.3	124.1
51	37.1	18.9	56.5





#15

Acetone

Concen: 95.253 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN064521.D

Acq: 10 Nov 2020 13:23

Instrument :

MSVOA_N

ClientSampleId :

VN1110WBS01

Tot Ion: 58 Resp: 53719

Ion Ratio Lower Upper

58 100

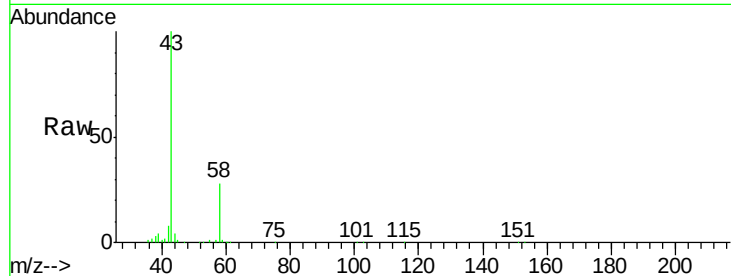
43 347.8 289.8 434.8

Manual Integrations

APPROVED

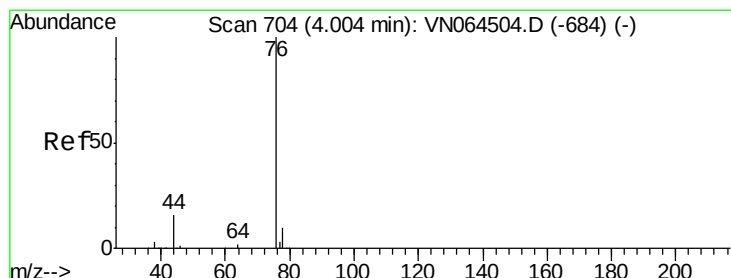
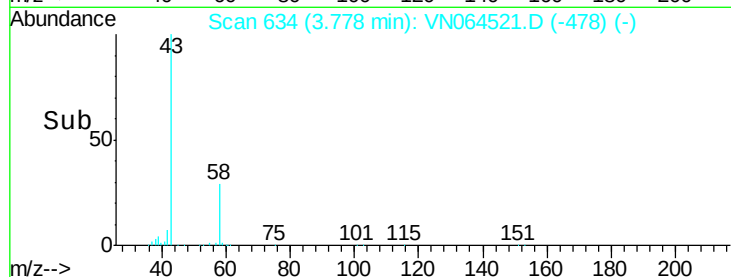
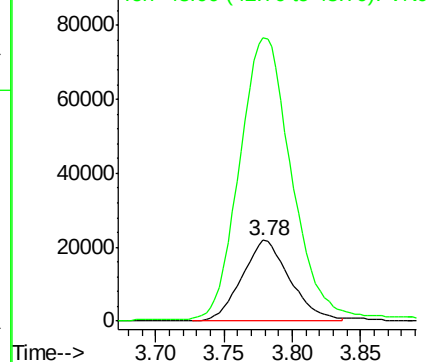
MMDadoda

11/11/2020 1:01:22 PM



Abundance Ion 58.00 (57.70 to 58.70): VN0

Ion 43.00 (42.70 to 43.70): VN0



#16

Carbon Disulfide

Concen: 20.483 ug/l

RT: 4.01 min Scan# 705

Delta R.T. 0.00 min

Lab File: VN064521.D

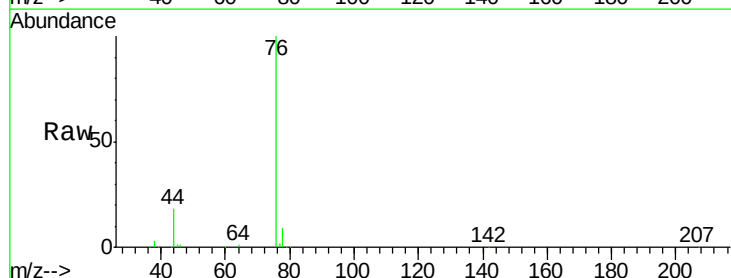
Acq: 10 Nov 2020 13:23

Tgt Ion: 76 Resp: 195898

Ion Ratio Lower Upper

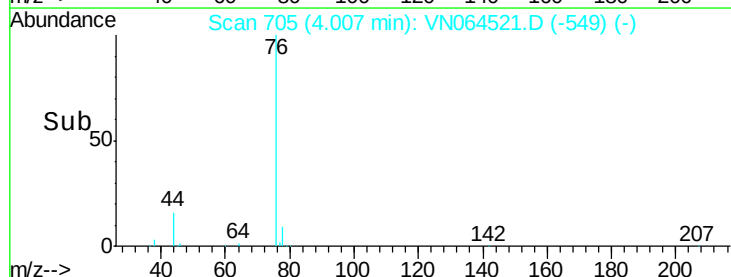
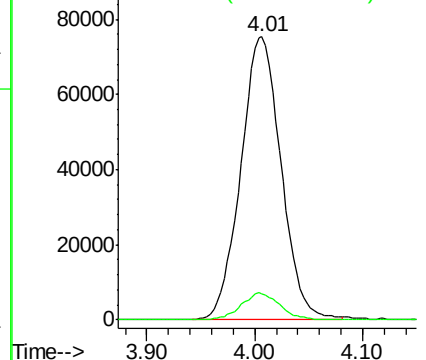
76 100

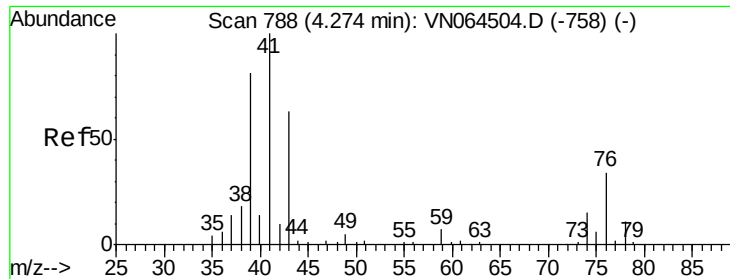
78 9.4 7.6 11.4



Abundance Ion 76.00 (75.70 to 76.70): VN0

Ion 78.00 (77.70 to 78.70): VN0





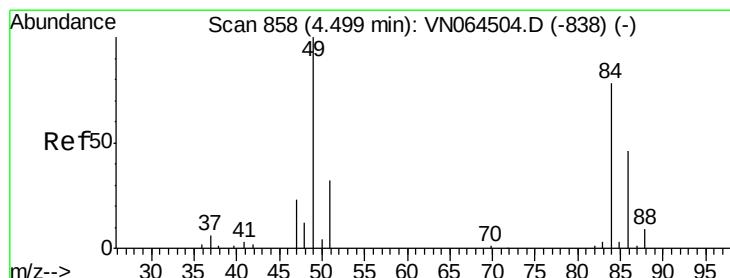
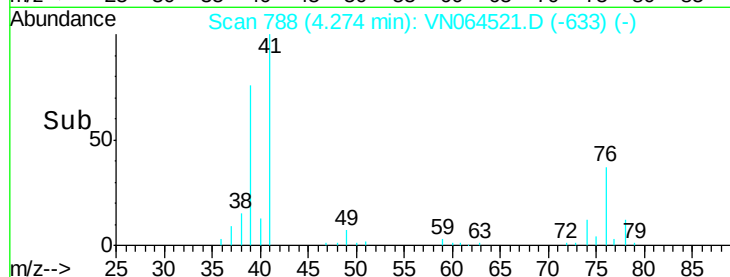
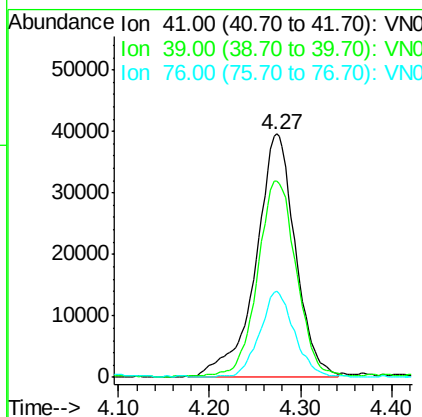
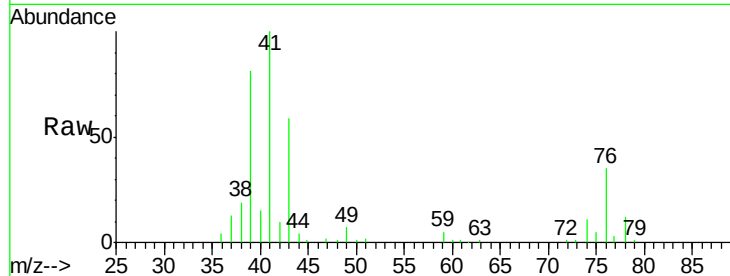
#17
Allvl chloride
Concen: 20.054 ug/l
RT: 4.27 min Scan# 788
Delta R.T. -0.00 min
Lab File: VN064521.D
Acq: 10 Nov 2020 13:23

Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	80.5	40.3	120.8
76	35.6	16.8	50.3

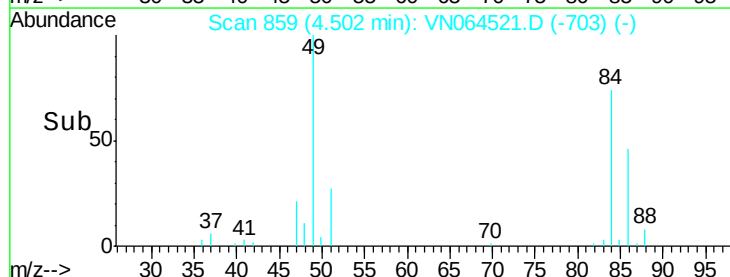
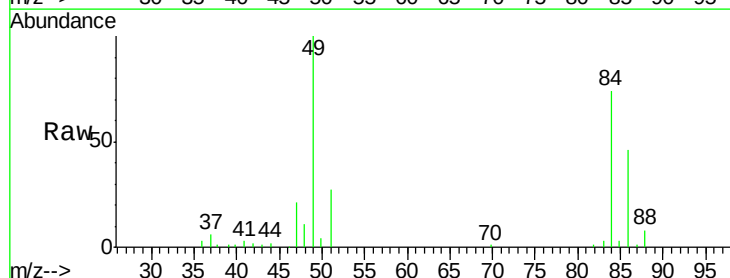
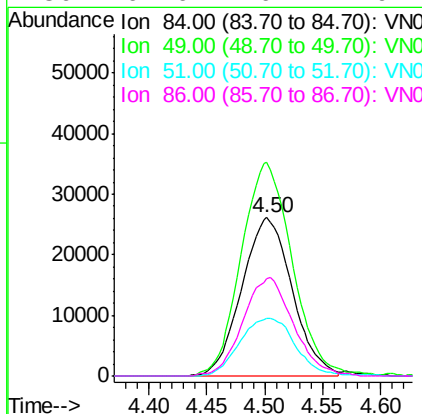
Manual Integrations
APPROVED

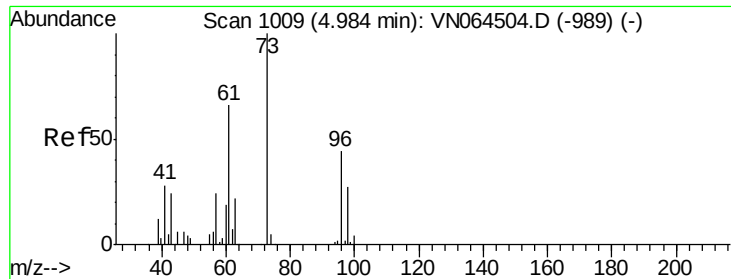
MMDadoda
11/11/2020 1:01:22 PM



#18
Methylene Chloride
Concen: 21.117 ug/l
RT: 4.50 min Scan# 859
Delta R.T. 0.00 min
Lab File: VN064521.D
Acq: 10 Nov 2020 13:23

Tgt Ion	Ratio	Lower	Upper
84	100		
49	135.1	102.1	153.1
51	36.8	32.6	48.8
86	61.6	46.7	70.1





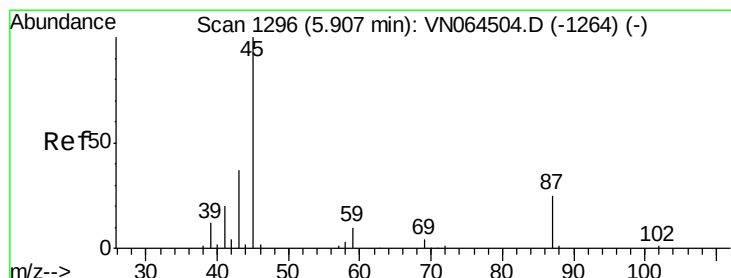
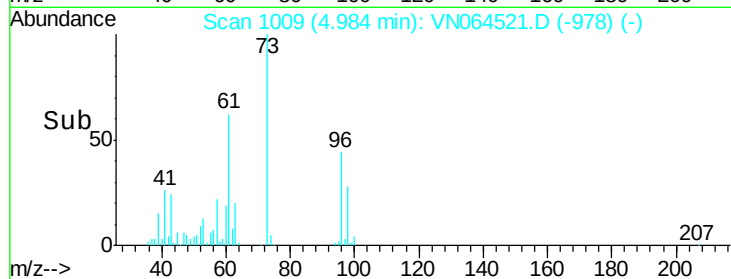
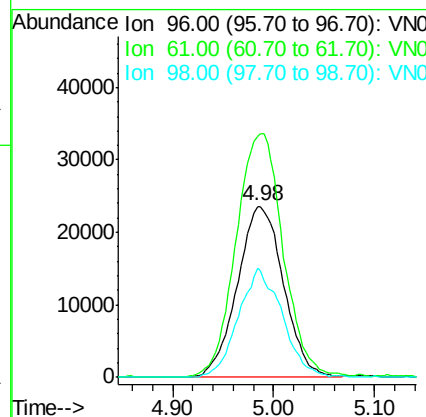
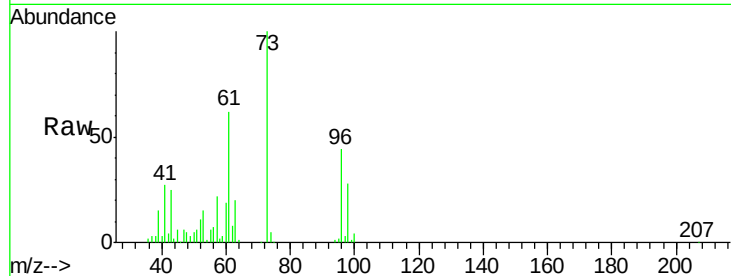
#19
trans-1,2-Dichloroethene
Concen: 21.012 ug/l
RT: 4.98 min Scan# 1009
Delta R.T. -0.00 min
Lab File: VN064521.D
Acq: 10 Nov 2020 13:23

Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	139.9	120.1	180.1
98	63.8	49.1	73.7

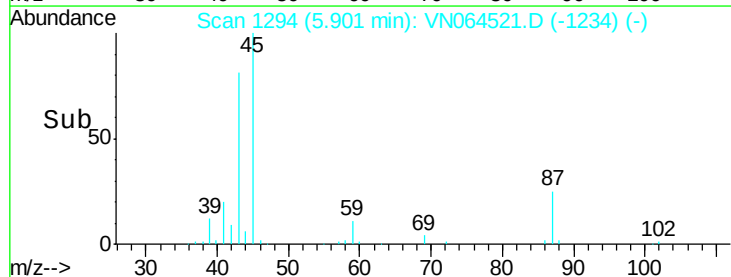
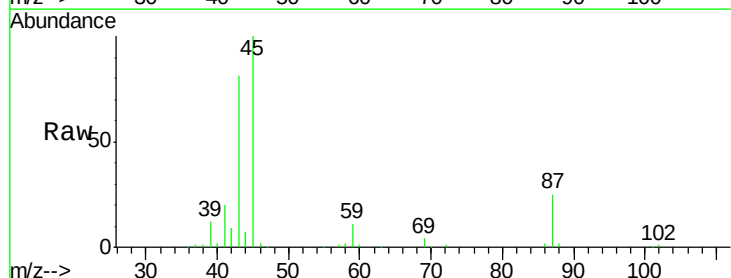
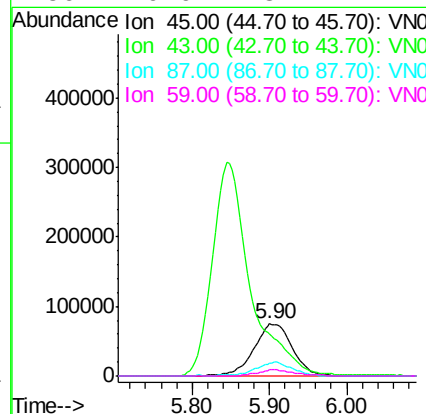
Manual Integrations
APPROVED

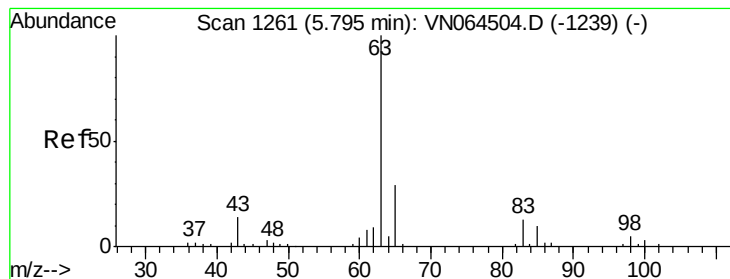
MMDadoda
11/11/2020 1:01:22 PM



#20
Diisopropyl ether
Concen: 20.098 ug/l
RT: 5.90 min Scan# 1294
Delta R.T. -0.01 min
Lab File: VN064521.D
Acq: 10 Nov 2020 13:23

Tgt Ion	Ratio	Lower	Upper
45	100		
43	78.4	53.1	79.7
87	24.6	21.0	31.6
59	10.9	8.2	12.4





#21

1,1-Dichloroethane

Concen: 20.944 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. 0.00 min

Lab File: VN064521.D

Acq: 10 Nov 2020 13:23

Instrument :

MSVOA_N

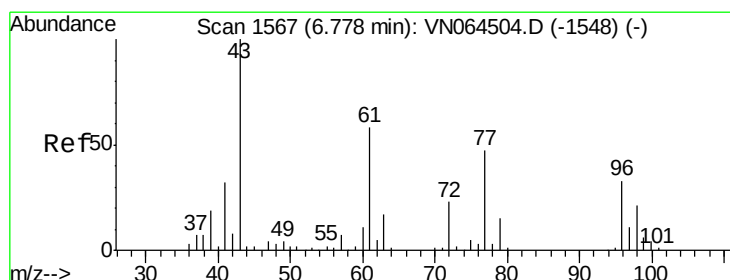
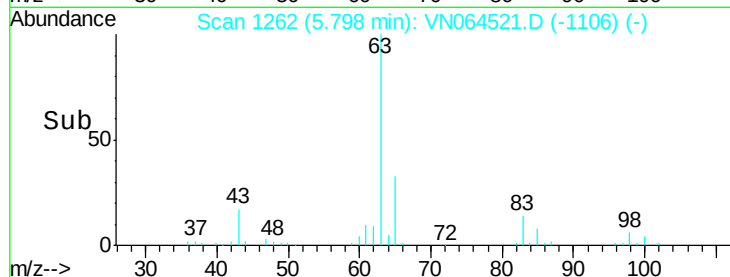
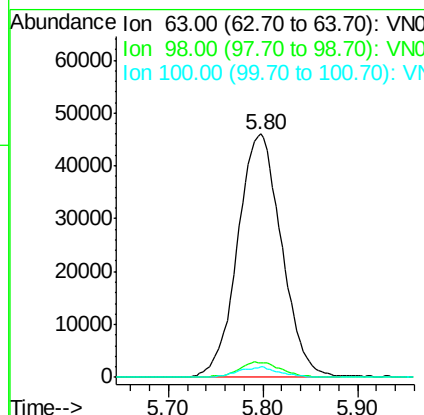
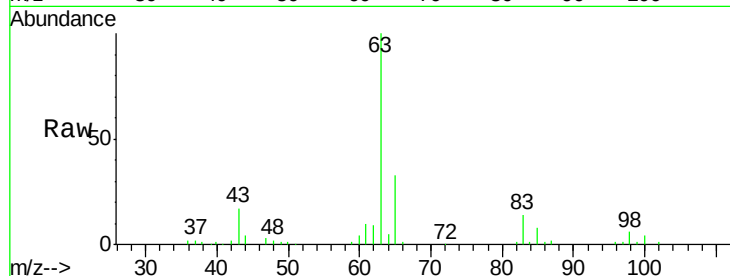
ClientSampleId :

VN1110WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
63	100				
98	5.9	2.6	8.0		
100	4.4	1.7	5.1		

Manual Integrations
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11/11/2020 1:01:22 PM



#22

cis-1,2-Dichloroethene

Concen: 20.337 ug/l

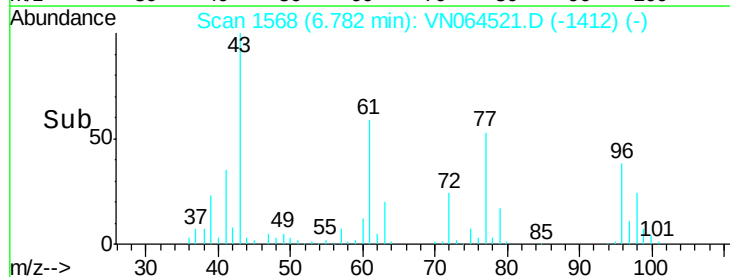
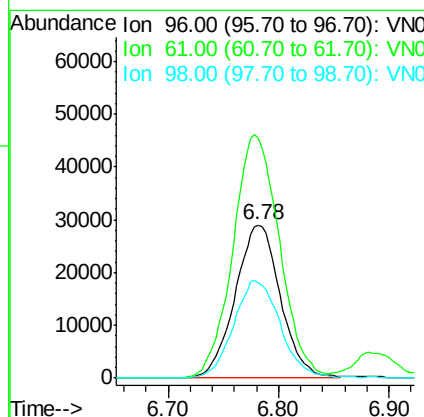
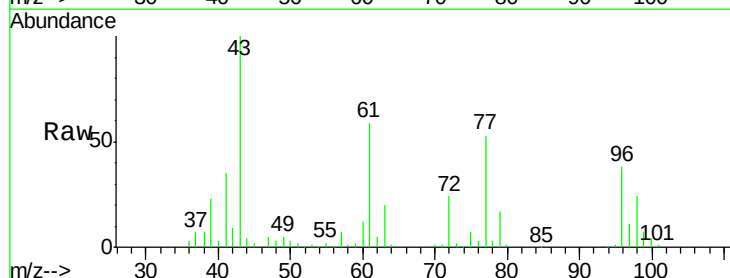
RT: 6.78 min Scan# 1568

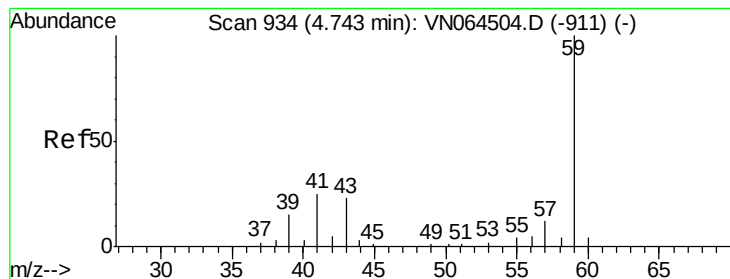
Delta R.T. 0.00 min

Lab File: VN064521.D

Acq: 10 Nov 2020 13:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	100				
61	164.2	136.1	204.1		
98	65.7	51.8	77.8		





#23

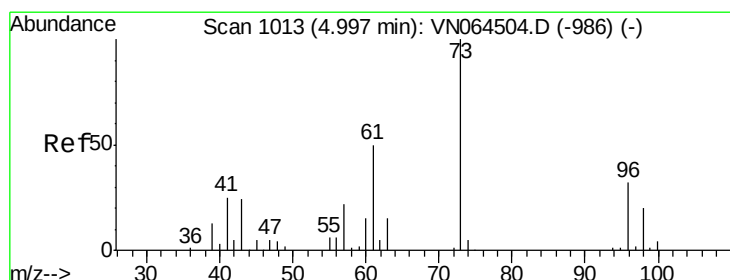
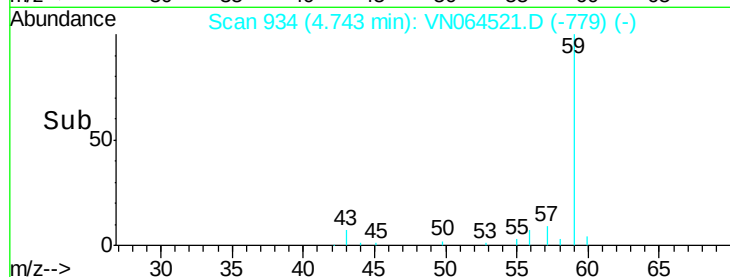
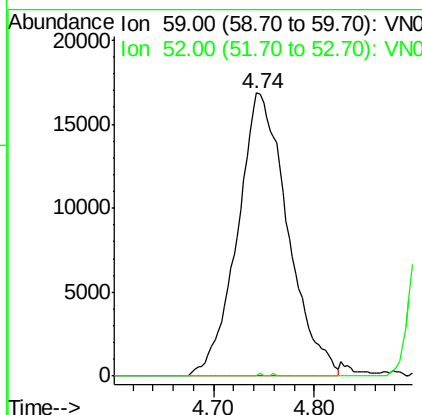
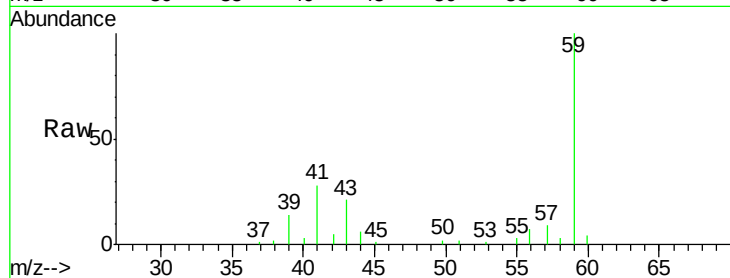
tert-Butyl Alcohol
 Concen: 99.461 ug/l
 RT: 4.74 min Scan# 934
 Delta R.T. -0.00 min
 Lab File: VN064521.D
 Acq: 10 Nov 2020 13:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1110WBS01

Tot Ion	Ratio	Resp	Lower	Upper
59	100	58198		
52	0.0	0.0	0.0	0.0

Manual Integrations
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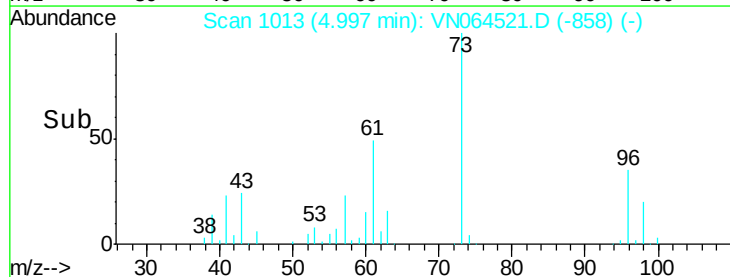
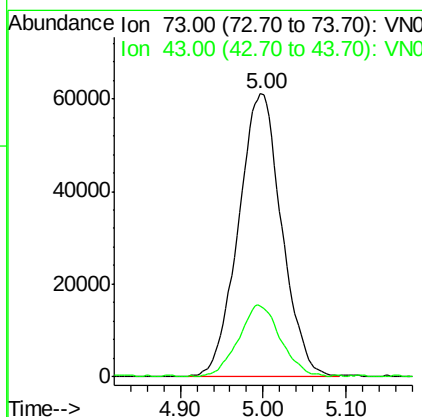
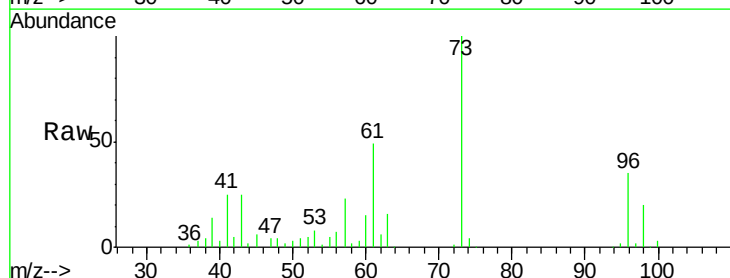
MMDadoda
 11/11/2020 1:01:22 PM

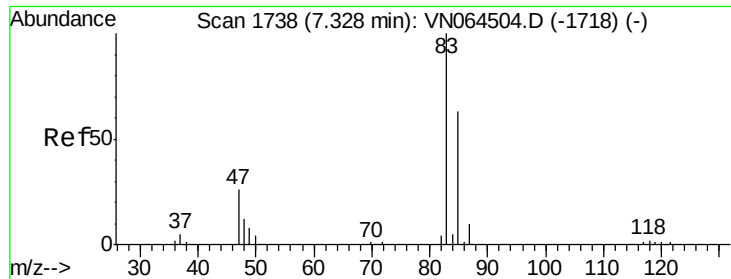


#24

Methyl tert-Butyl Ether
 Concen: 19.884 ug/l
 RT: 5.00 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VN064521.D
 Acq: 10 Nov 2020 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
73	100	221645		
43	23.7	10.2	15.2	#





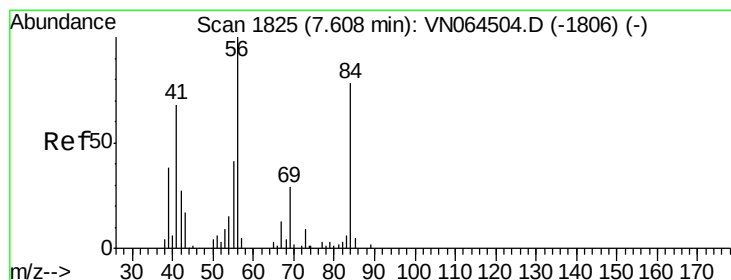
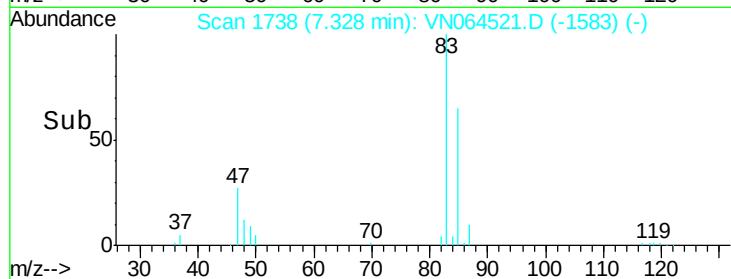
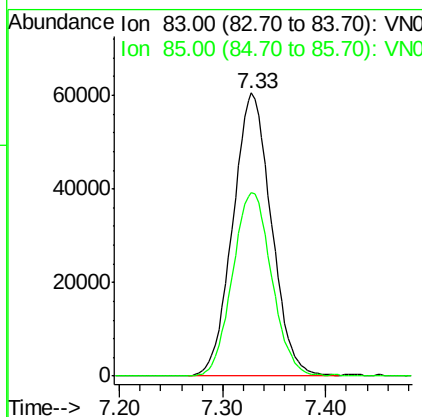
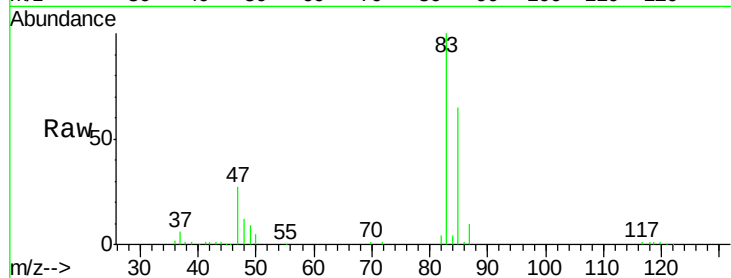
#25
Chloroform
Concen: 21.149 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VN064521.D
Acq: 10 Nov 2020 13:23

Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01

Tot Ion	83	Resp	157566
Ion Ratio	100	Lower	Upper
85	64.9	50.6	75.8

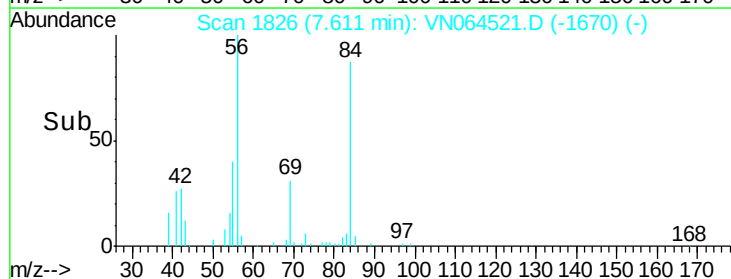
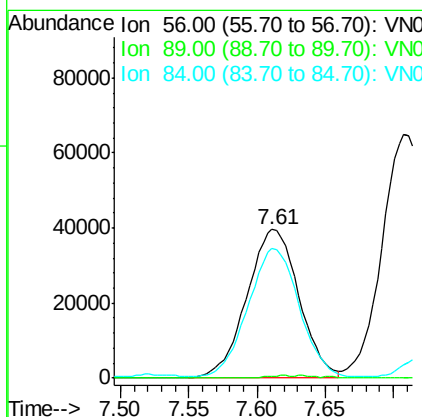
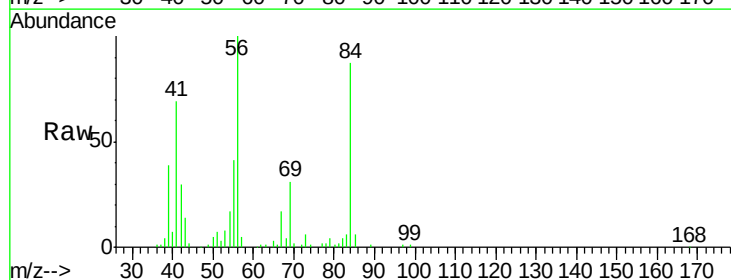
Manual Integrations
APPROVED

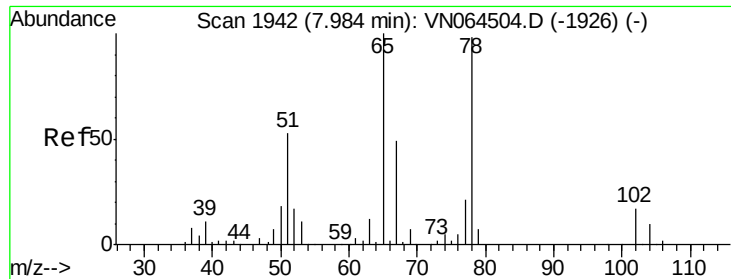
MMDadoda
11/11/2020 1:01:22 PM



#26
Cyclohexane
Concen: 19.197 ug/l
RT: 7.61 min Scan# 1826
Delta R.T. 0.00 min
Lab File: VN064521.D
Acq: 10 Nov 2020 13:23

Tgt Ion	56	Resp	105076
Ion Ratio	100	Lower	Upper
89	0.8	0.6	0.8
84	86.7	66.1	99.1





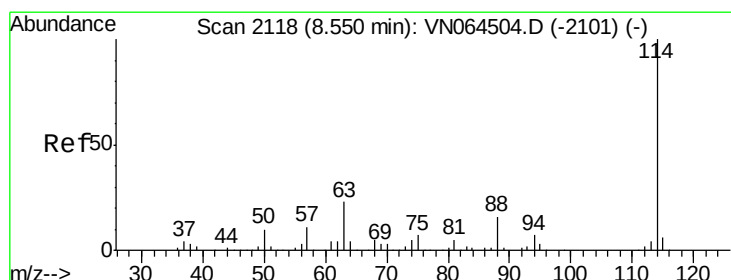
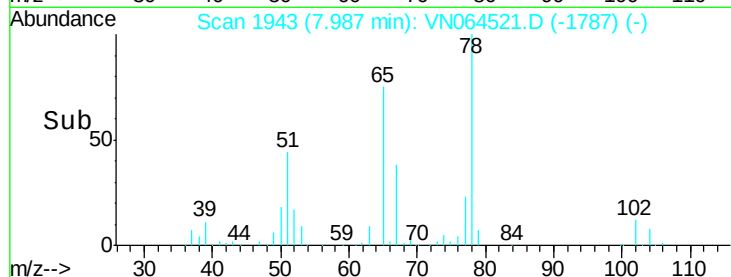
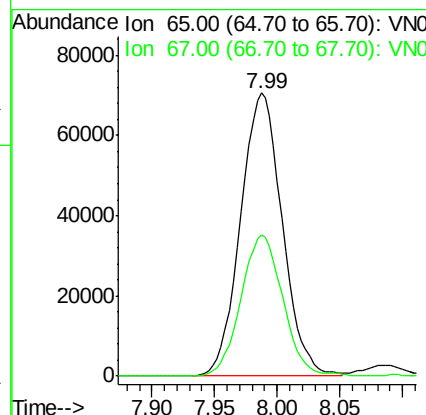
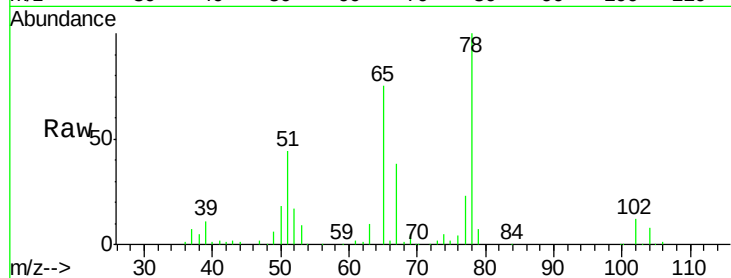
#27
 1,2-Dichloroethane-d4
 Concen: 31.612 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064521.D
 Acq: 10 Nov 2020 13:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1110WBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	49.8	41.1	61.7

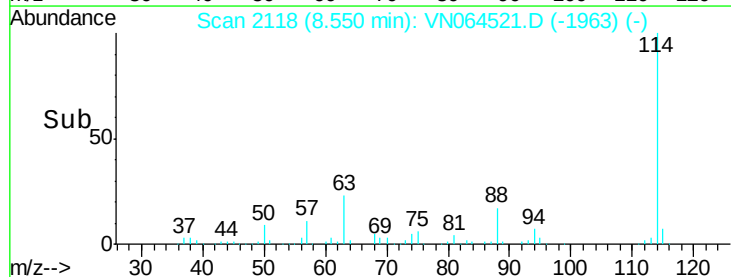
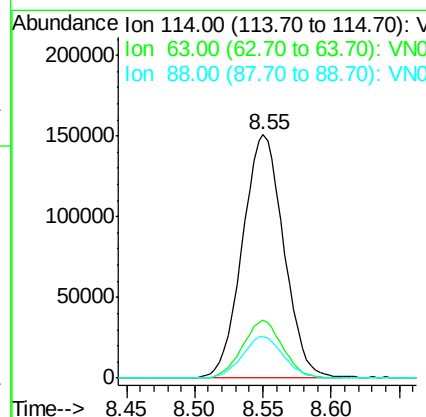
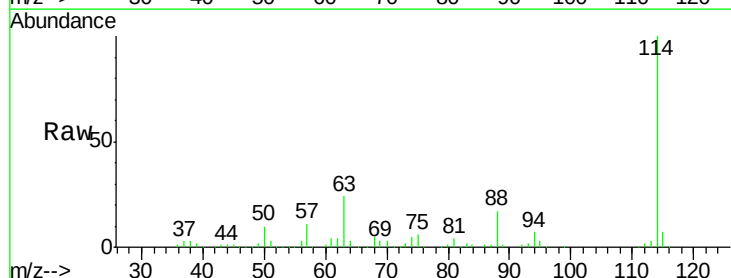
Manual Integrations
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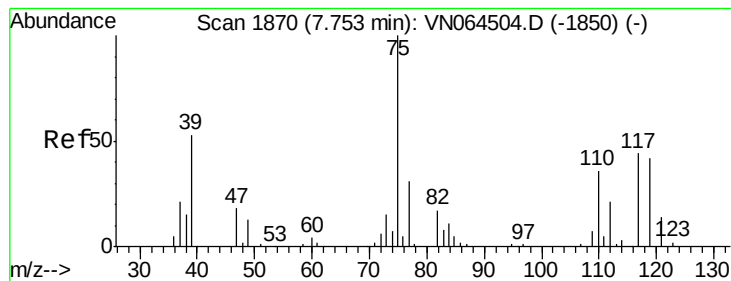
MMDadoda
 11/11/2020 1:01:22 PM



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN064521.D
 Acq: 10 Nov 2020 13:23

Tgt Ion	Ratio	Lower	Upper
114	100		
63	23.0	18.5	27.7
88	17.0	13.0	19.6





#29

1,1-Dichloropropene

Concen: 20.072 ug/l

RT: 7.75 min Scan# 1869

Delta R.T. -0.00 min

Lab File: VN064521.D

Acq: 10 Nov 2020 13:23

Instrument :

MSVOA_N

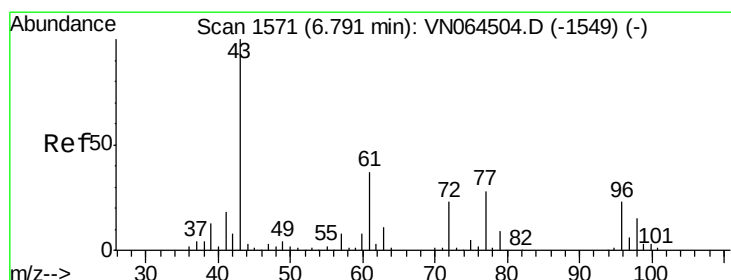
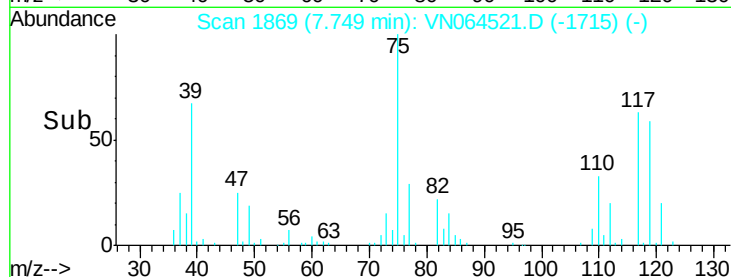
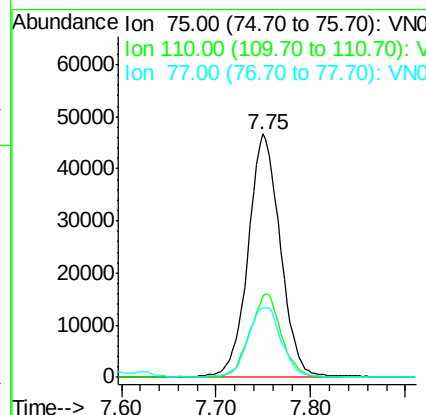
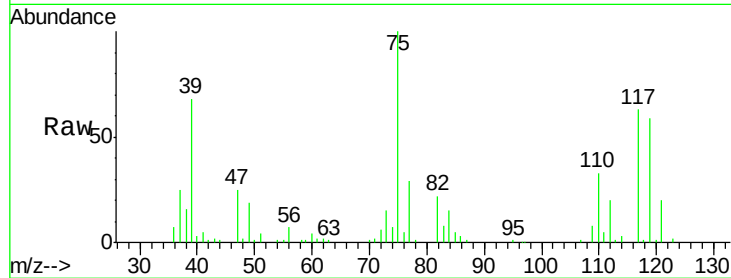
ClientSampleId :

VN1110WBS01

Tot Ion:	75	Resp:	110475
Ion Ratio	Lower	Upper	
75	100		
110	33.3	0.0	66.4
77	30.0	0.0	62.0

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#30

2-Butanone

Concen: 93.970 ug/l

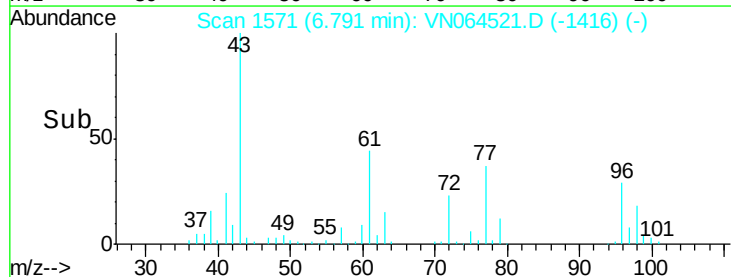
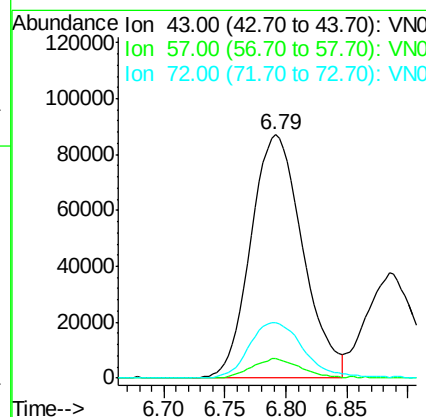
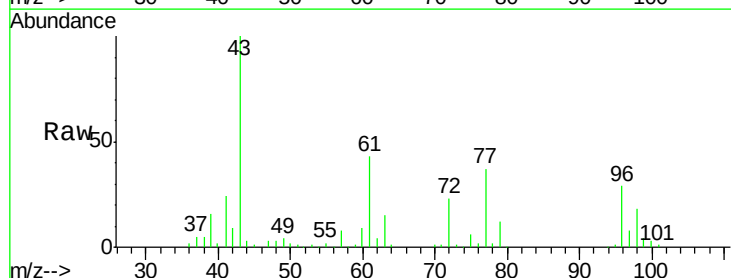
RT: 6.79 min Scan# 1571

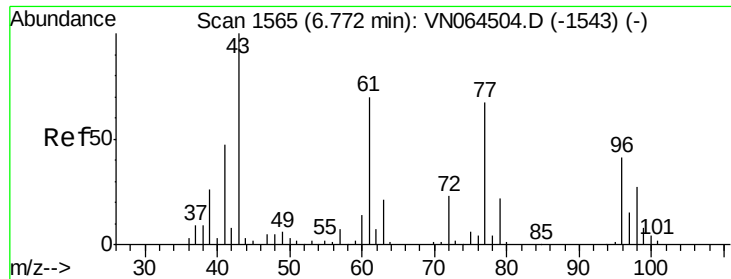
Delta R.T. -0.00 min

Lab File: VN064521.D

Acq: 10 Nov 2020 13:23

Tgt Ion:	43	Resp:	256025
Ion Ratio	Lower	Upper	
43	100		
57	7.5	6.2	9.4
72	24.0	9.9	14.9#





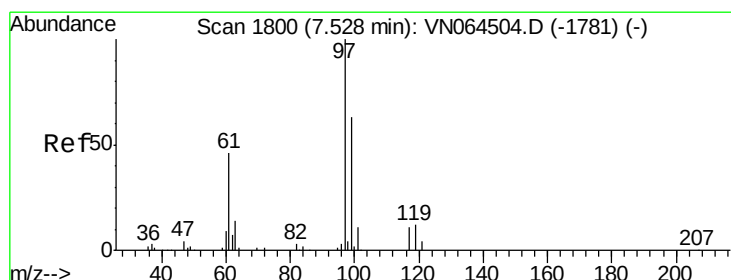
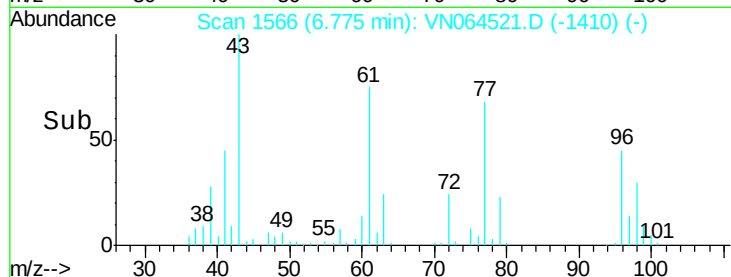
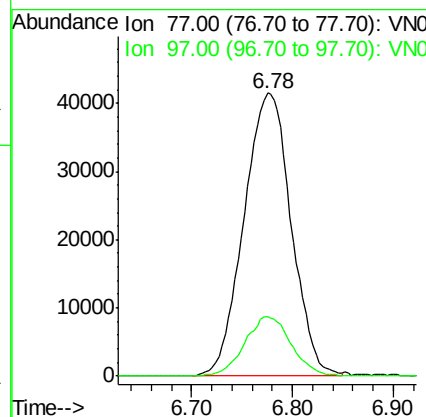
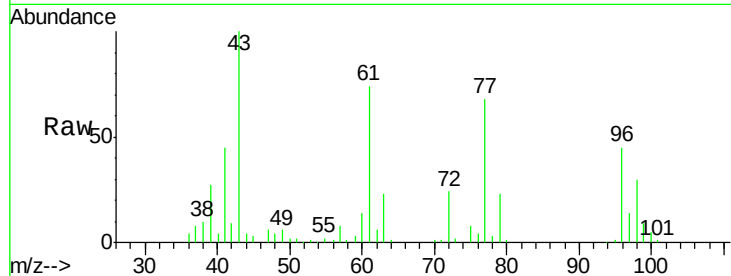
#31
 2,2-Dichloropropane
 Concen: 20.617 ug/l
 RT: 6.78 min Scan# 1566
 Delta R.T. 0.00 min
 Lab File: VN064521.D
 Acq: 10 Nov 2020 13:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1110WBS01

Tot Ion: 77 Resp: 134790
 Ion Ratio Lower Upper
 77 100
 97 20.5 16.9 25.3

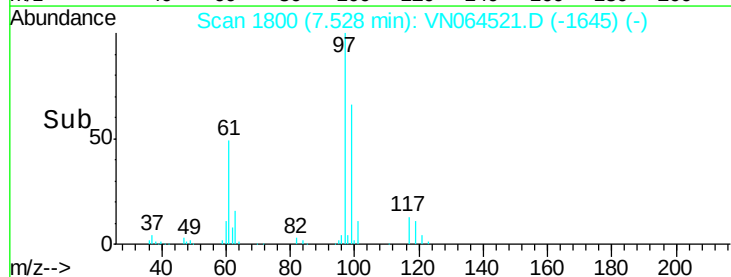
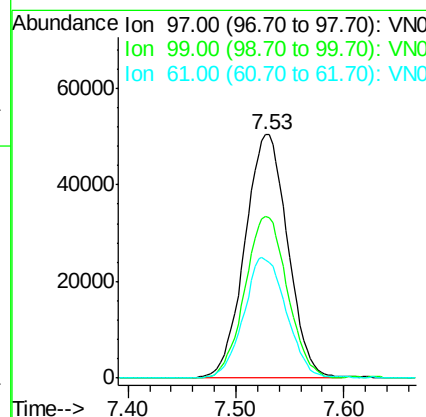
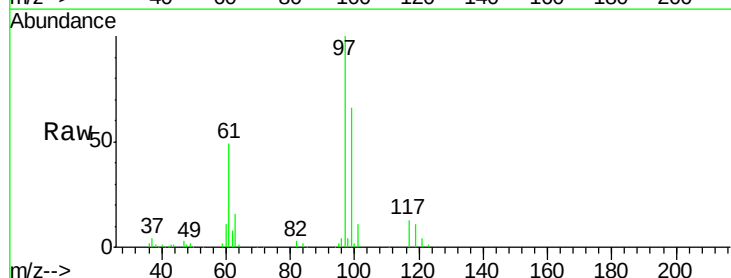
Manual Integrations
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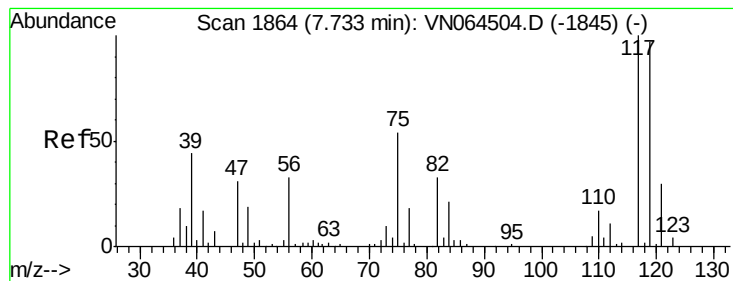
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#32
 1,1,1-Trichloroethane
 Concen: 20.599 ug/l
 RT: 7.53 min Scan# 1800
 Delta R.T. -0.00 min
 Lab File: VN064521.D
 Acq: 10 Nov 2020 13:23

Tgt Ion: 97 Resp: 139068
 Ion Ratio Lower Upper
 97 100
 99 66.0 51.8 77.8
 61 49.0 39.4 59.0





#33

Carbon Tetrachloride

Concen: 20.693 ug/l

RT: 7.73 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VN064521.D

Acq: 10 Nov 2020 13:23

Instrument :

MSVOA_N

ClientSampleId :

VN1110WBS01

Tot Ion:117 Resp: 124758

Ion Ratio Lower Upper

117 100

119 96.3 77.9 116.9

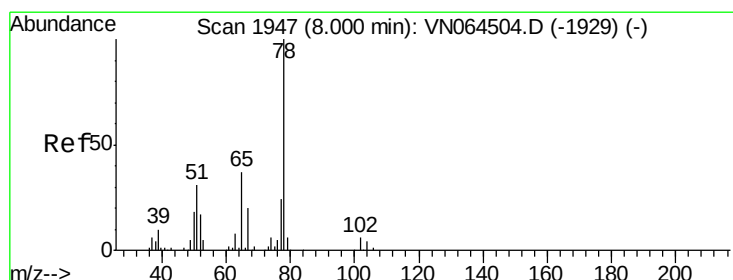
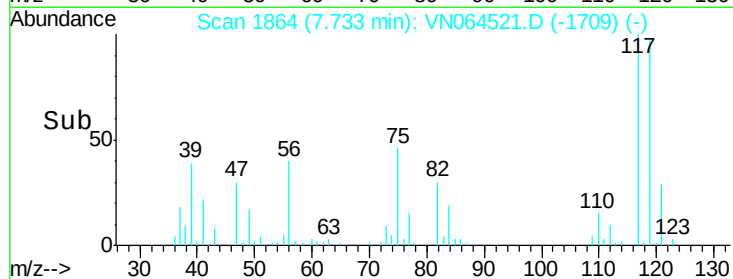
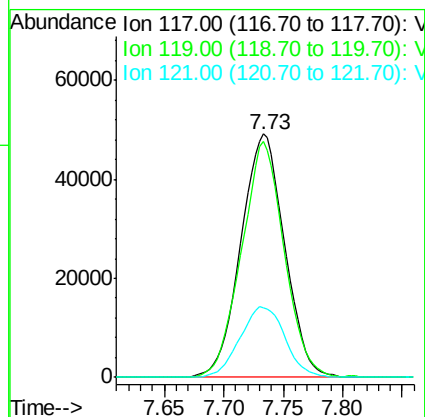
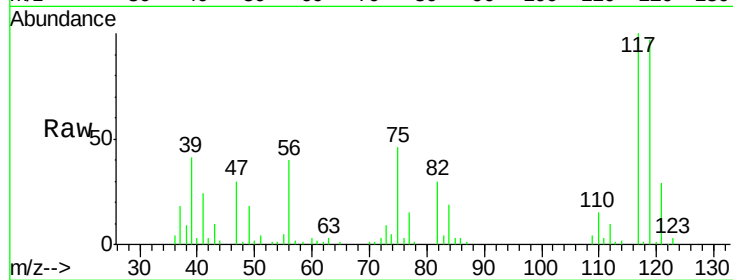
121 28.7 24.0 36.0

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#34

Benzene

Concen: 20.423 ug/l

RT: 8.00 min Scan# 1947

Delta R.T. -0.00 min

Lab File: VN064521.D

Acq: 10 Nov 2020 13:23

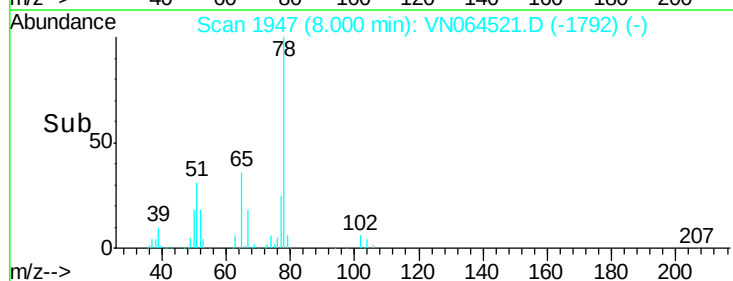
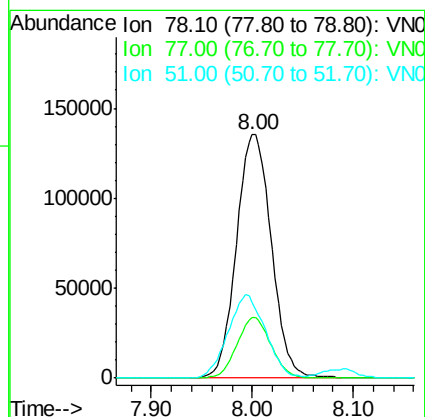
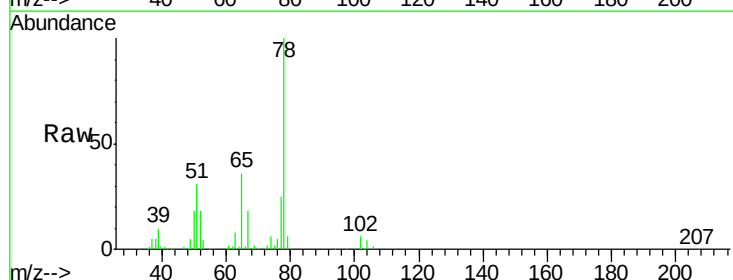
Tgt Ion: 78 Resp: 325480

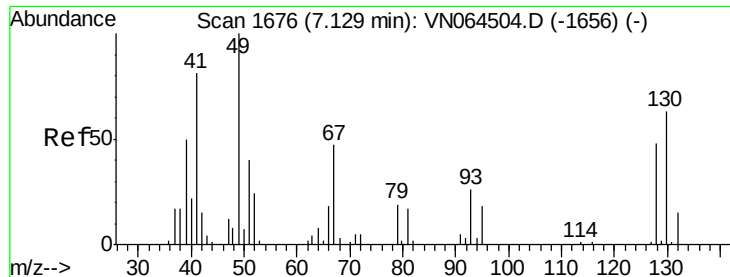
Ion Ratio Lower Upper

78 100

77 24.6 18.9 28.3

51 31.0 24.6 36.8





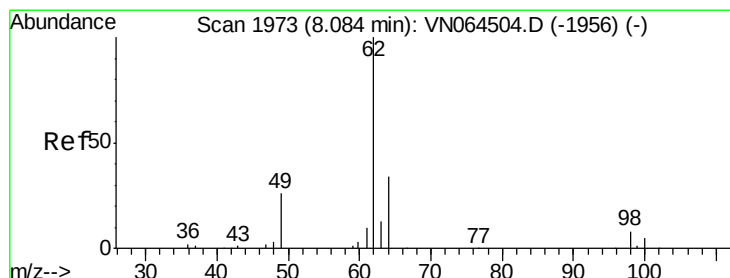
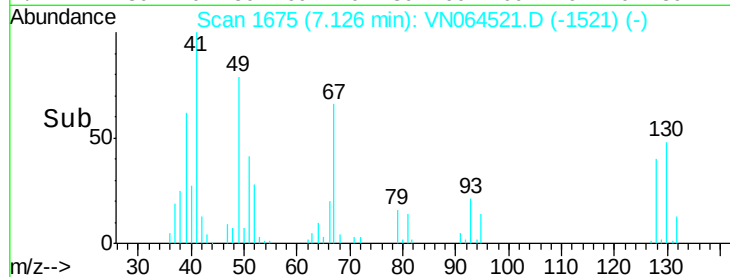
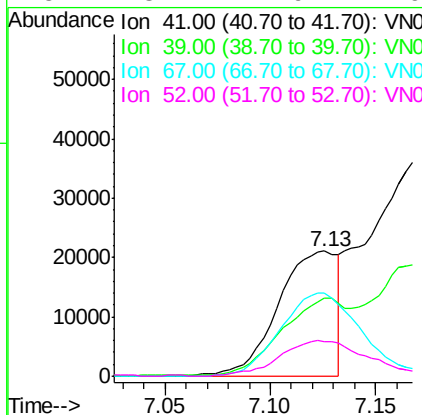
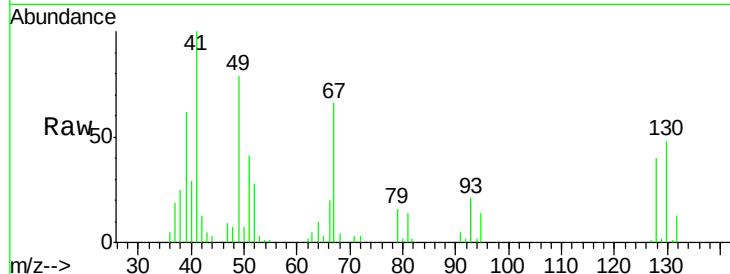
#35
Methacrylonitrile
Concen: 16.220 ug/l
RT: 7.13 min Scan# 1675
Delta R.T. -0.00 min
Lab File: VN064521.D
Acq: 10 Nov 2020 13:23

Instrument :
MSVOA_N
ClientSampled :
VN1110WBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	41.00 (40.70 to 41.70): VN0	100		
39	39.00 (38.70 to 39.70): VN0	60.7	30.0	90.1
67	67.00 (66.70 to 67.70): VN0	66.3	29.2	87.6
52	52.00 (51.70 to 52.70): VN0	28.2	14.9	44.9

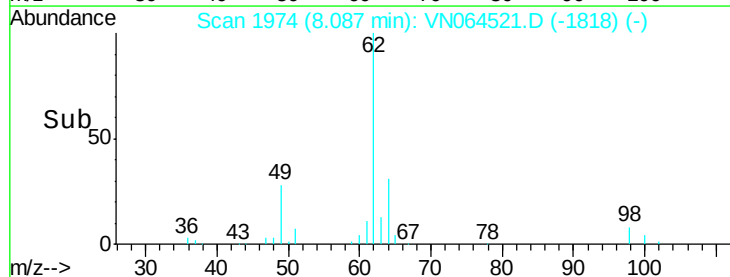
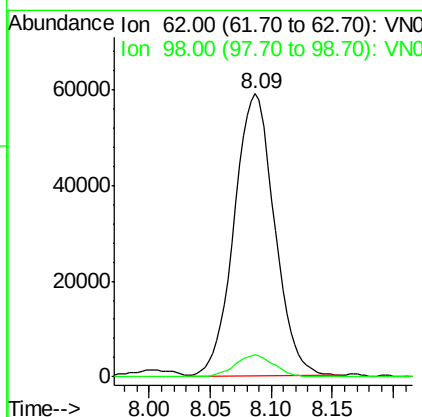
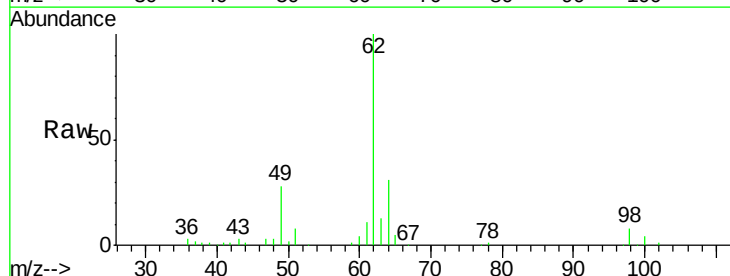
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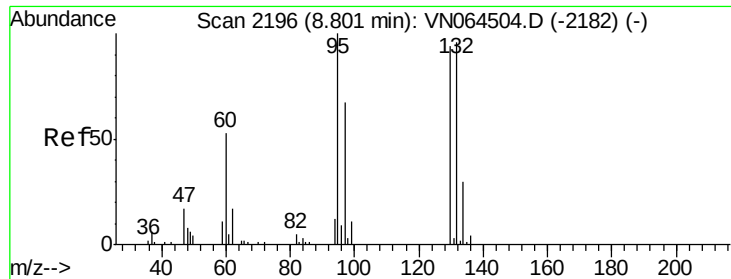
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#36
1,2-Dichloroethane
Concen: 20.572 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN064521.D
Acq: 10 Nov 2020 13:23

Tgt Ion	Ion	Ratio	Lower	Upper
62	62.00 (61.70 to 62.70): VN0	100		
98	98.00 (97.70 to 98.70): VN0	7.5	5.5	8.3





#37

Trichloroethene

Concen: 20.258 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN064521.D

Acq: 10 Nov 2020 13:23

Instrument :

MSVOA_N

ClientSampleId :

VN1110WBS01

Tot Ion:130 Resp: 81629

Ion Ratio Lower Upper

130 100

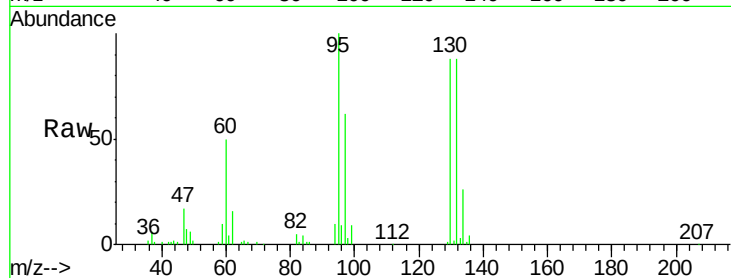
95 113.4 85.1 127.7

Manual Integrations

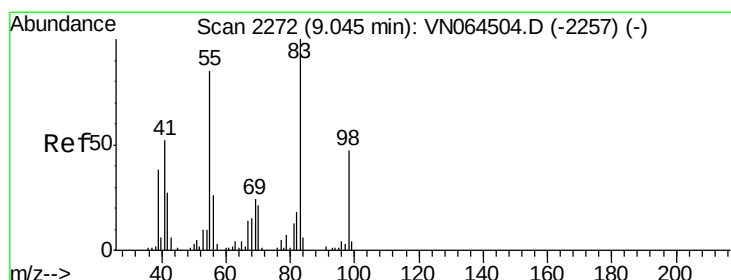
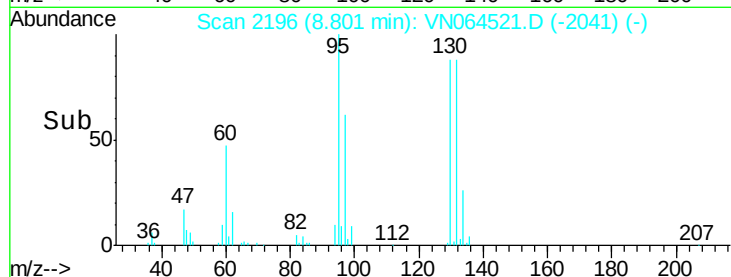
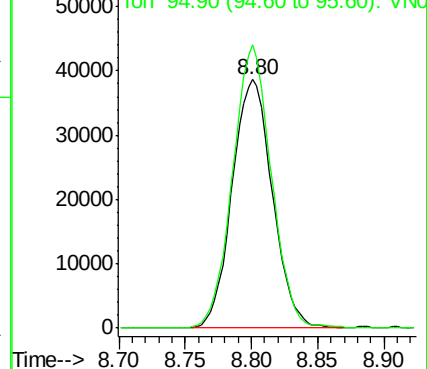
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Abundance Ion 129.90 (129.60 to 130.60): VN064521.D (-2041) (-)



#38

Methylcyclohexane

Concen: 19.113 ug/l

RT: 9.05 min Scan# 2273

Delta R.T. 0.00 min

Lab File: VN064521.D

Acq: 10 Nov 2020 13:23

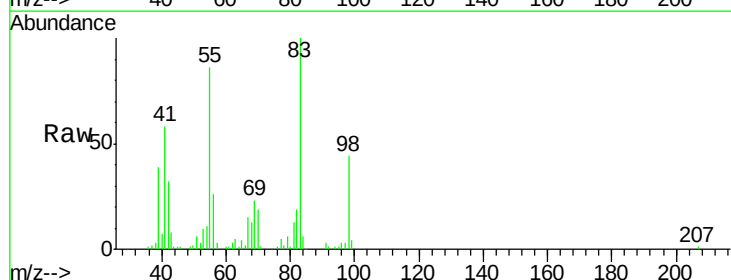
Tgt Ion: 83 Resp: 95149

Ion Ratio Lower Upper

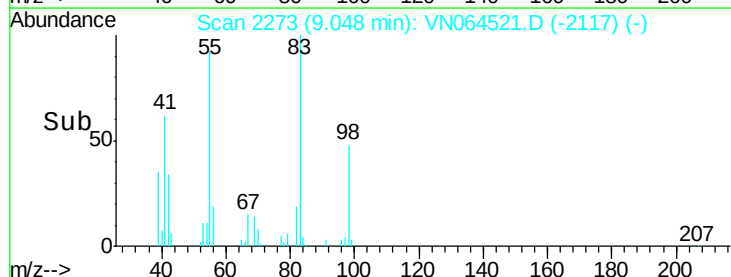
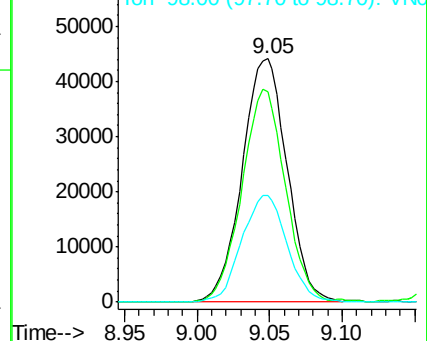
83 100

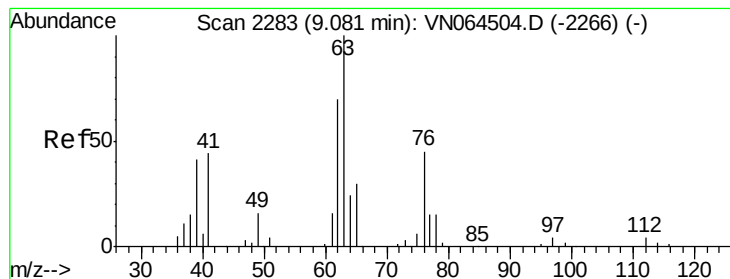
55 84.4 42.0 126.1

98 44.0 22.5 67.5



Abundance Ion 83.00 (82.70 to 83.70): VN064521.D (-2117) (-)





#39

1,2-Dichloropropane

Concen: 20.552 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. 0.00 min

Lab File: VN064521.D

Acq: 10 Nov 2020 13:23

Instrument :

MSVOA_N

ClientSampleId :

VN1110WBS01

Tot Ion: 63 Resp: 88003

Ion Ratio Lower Upper

63 100

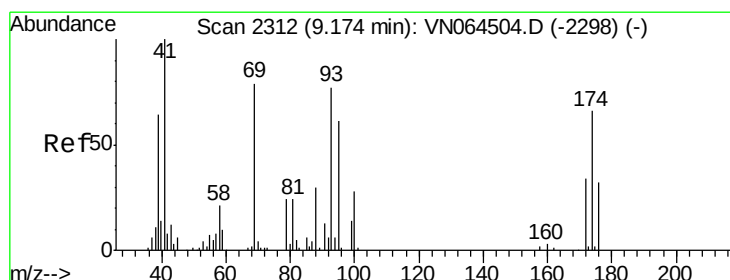
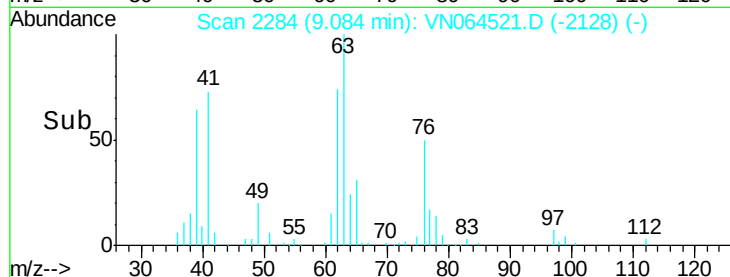
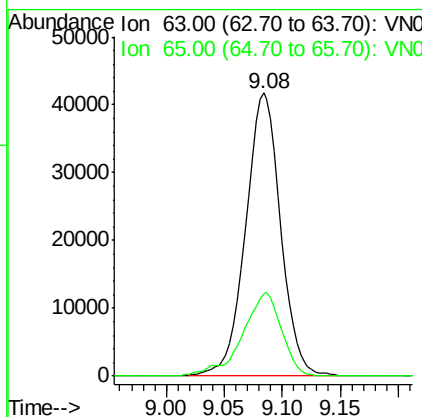
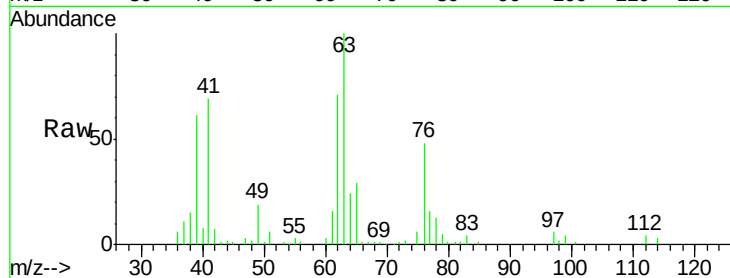
65 29.2 24.4 36.6

Manual Integrations

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#40

Dibromomethane

Concen: 21.146 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN064521.D

Acq: 10 Nov 2020 13:23

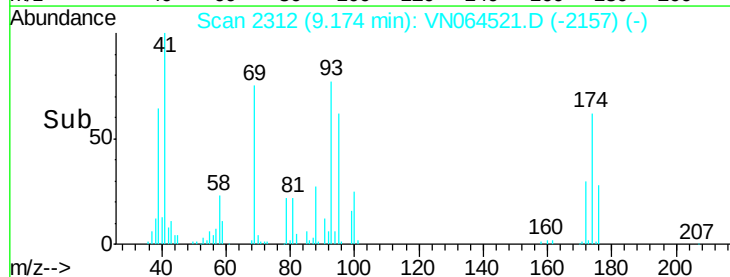
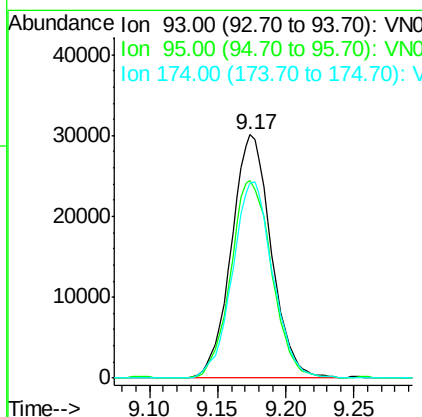
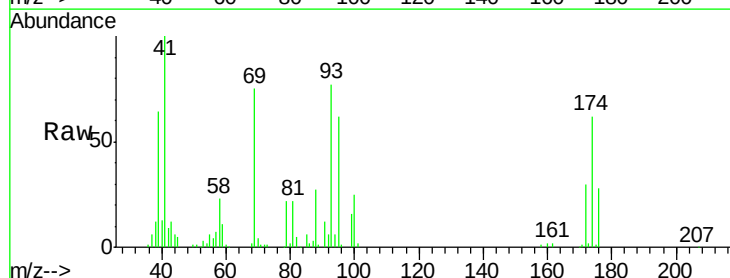
Tgt Ion: 93 Resp: 61086

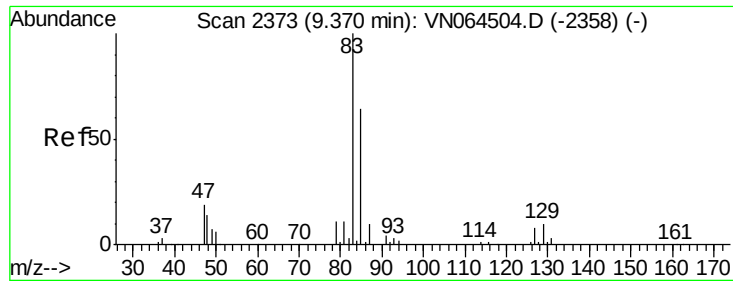
Ion Ratio Lower Upper

93 100

95 83.2 0.0 164.6

174 81.7 0.0 165.6





#41

Bromodichloromethane

Concen: 20.736 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN064521.D

Acq: 10 Nov 2020 13:23

Instrument :

MSVOA_N

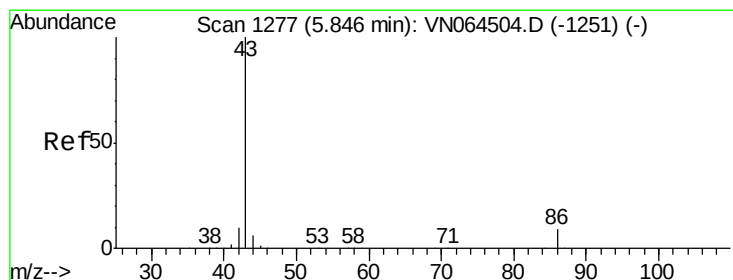
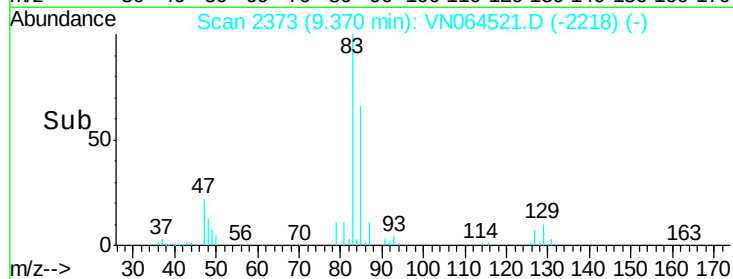
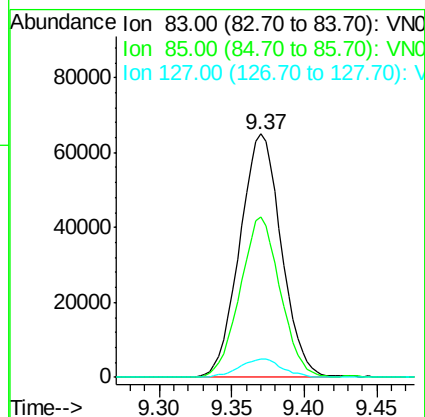
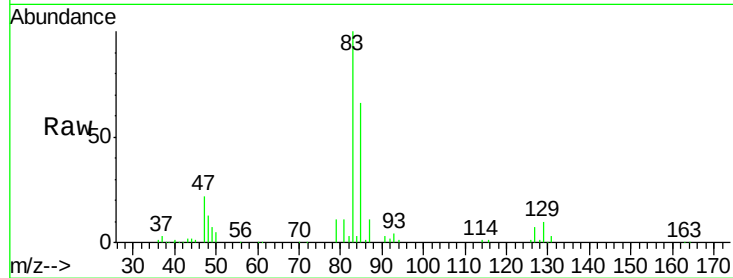
ClientSampleId :

VN1110WBS01

Tot Ion:	83	Resp:	129825
Ion Ratio	Lower	Upper	
83	100		
85	65.8	51.0	76.4
127	7.4	6.2	9.4

Manual Integrations
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#42

Vinyl Acetate

Concen: 97.137 ug/l

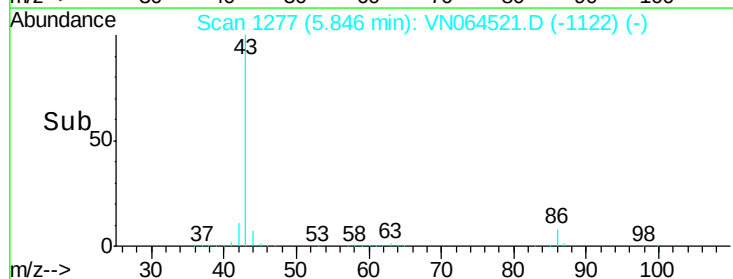
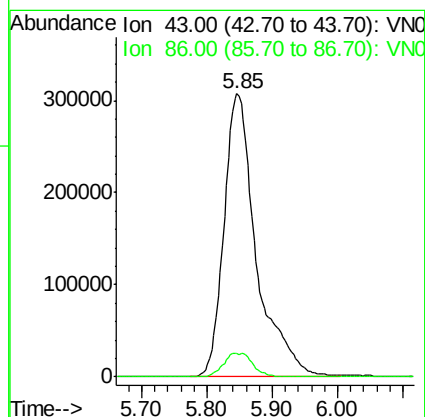
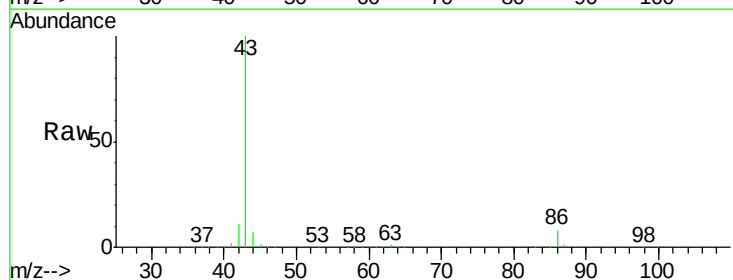
RT: 5.85 min Scan# 1277

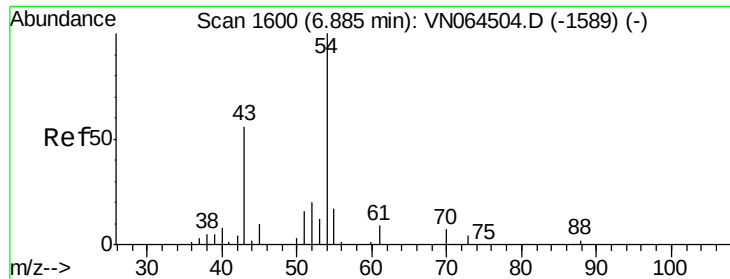
Delta R.T. -0.00 min

Lab File: VN064521.D

Acq: 10 Nov 2020 13:23

Tgt Ion:	43	Resp:	1059503
Ion Ratio	Lower	Upper	
43	100		
86	4.2	6.3	9.5#





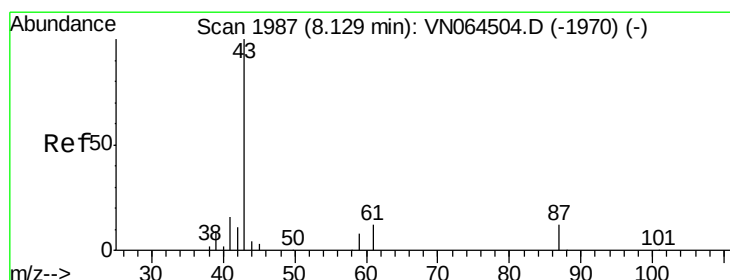
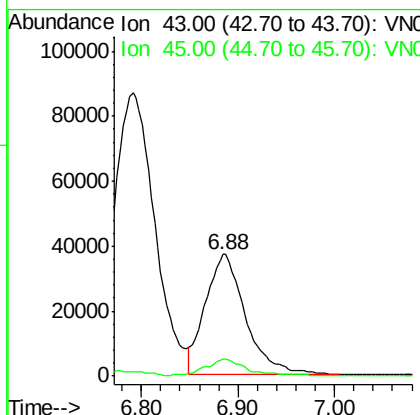
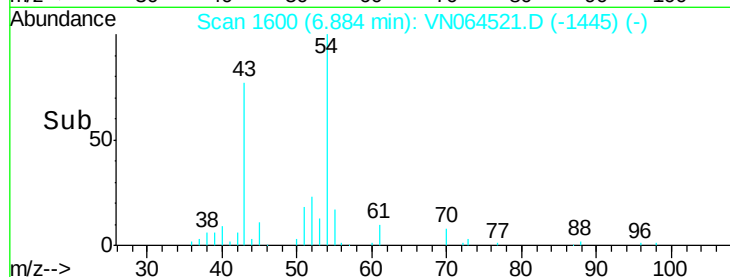
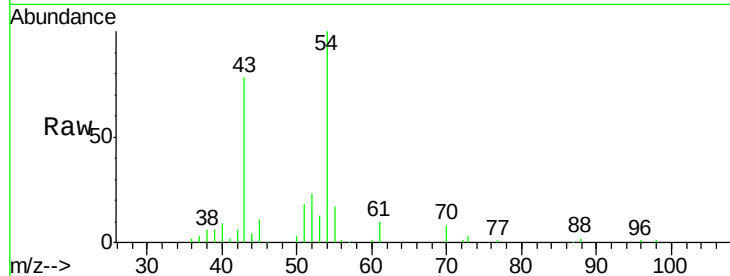
#43
Ethyl Acetate
Concen: 20.198 ug/l
RT: 6.88 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VN064521.D
Acq: 10 Nov 2020 13:23

Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01

Tot Ion: 43 Resp: 107077
Ion Ratio Lower Upper
43 100
45 8.3 10.9 16.3#

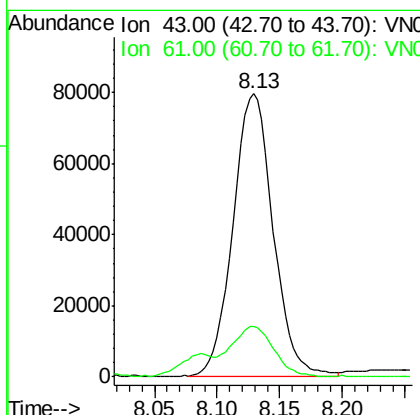
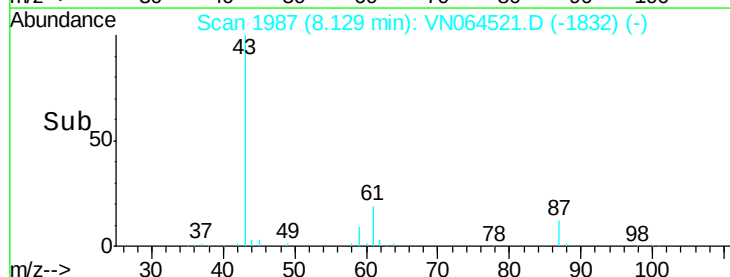
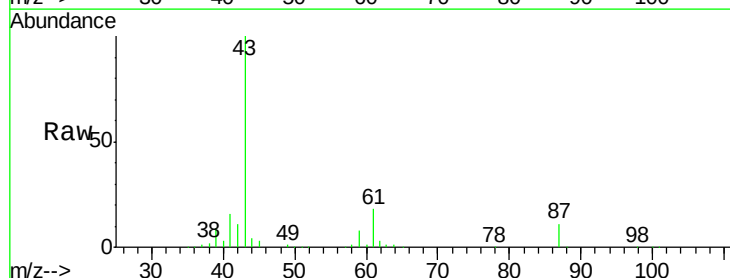
Manual Integrations
APPROVED

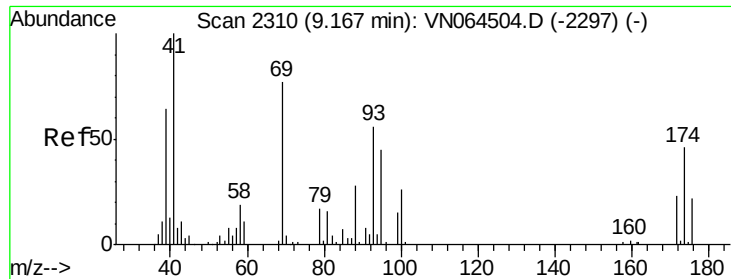
MMDadoda
11/11/2020 1:01:22 PM



#44
Isopropyl Acetate
Concen: 19.204 ug/l
RT: 8.13 min Scan# 1987
Delta R.T. -0.00 min
Lab File: VN064521.D
Acq: 10 Nov 2020 13:23

Tgt Ion: 43 Resp: 175740
Ion Ratio Lower Upper
43 100
61 19.0 13.0 19.4





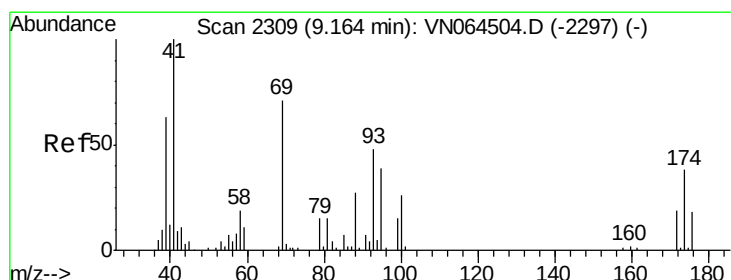
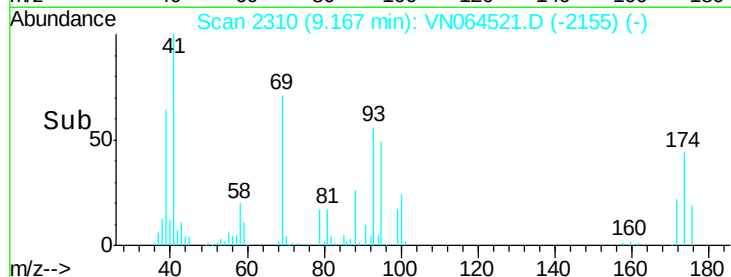
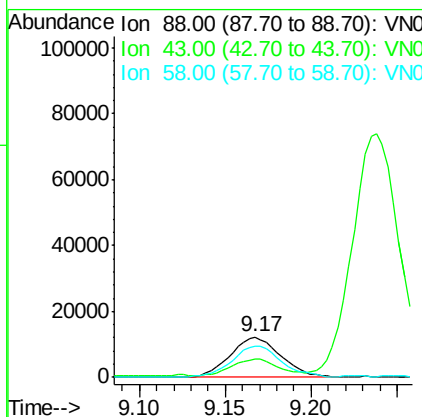
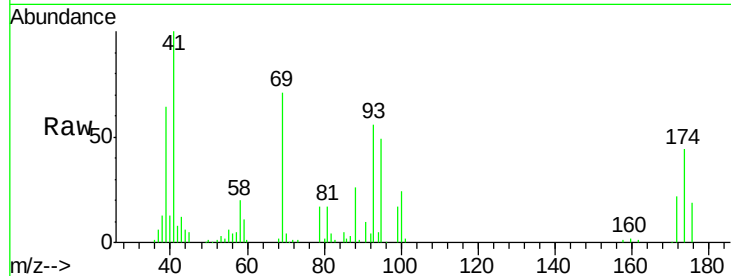
#45
1,4-Dioxane
Concen: 389.370 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. -0.00 min
Lab File: VN064521.D
Acq: 10 Nov 2020 13:23

Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.8	30.6	46.0
58	76.3	57.9	86.9

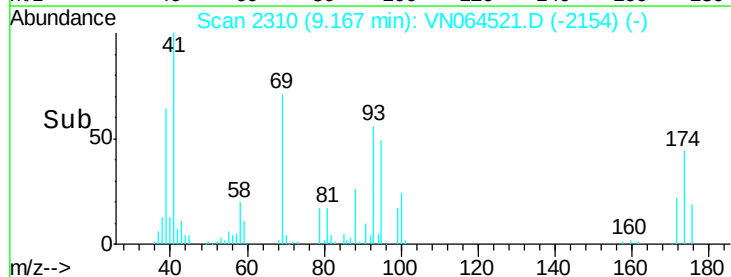
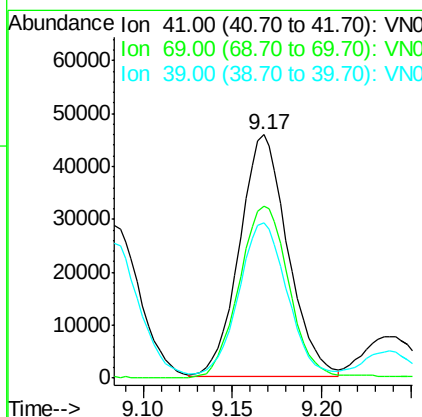
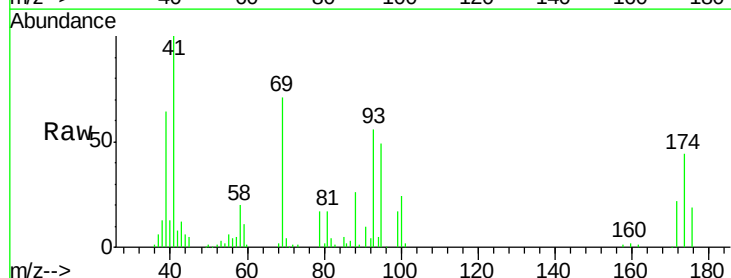
Manual Integrations
APPROVED

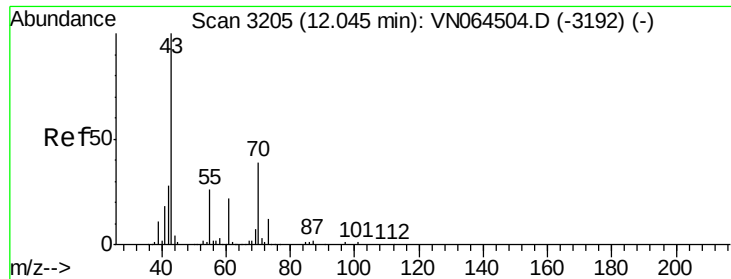
MMDadoda
11/11/2020 1:01:22 PM



#46
Methyl methacrylate
Concen: 19.075 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN064521.D
Acq: 10 Nov 2020 13:23

Tgt Ion	Ratio	Lower	Upper
41	100		
69	71.5	35.4	106.2
39	62.8	31.6	94.7





#47

n-amvl Acetate

Concen: 17.864 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. -0.00 min

Lab File: VN064521.D

Acq: 10 Nov 2020 13:23

Instrument :

MSVOA_N

ClientSampleId :

VN1110WBS01

Tot Ion: 43 Resp: 141421

Ion Ratio Lower Upper

43 100

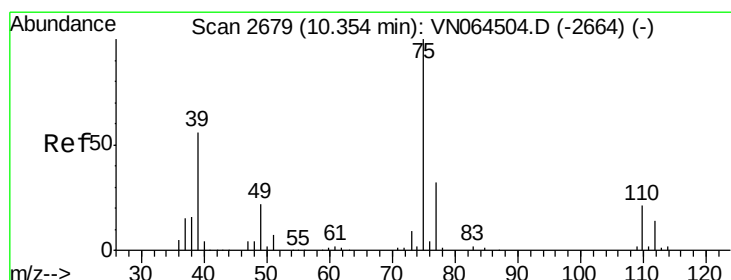
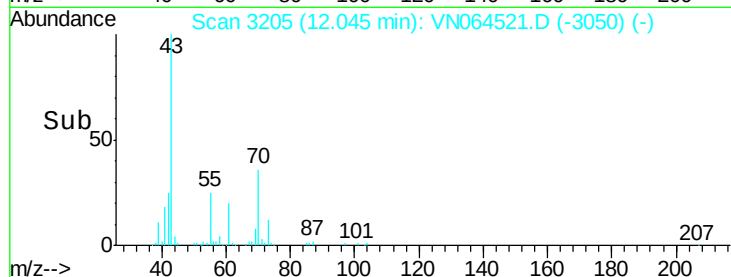
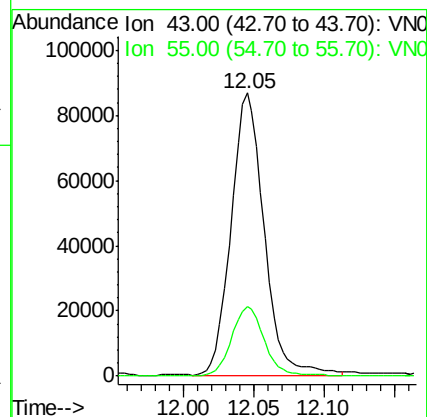
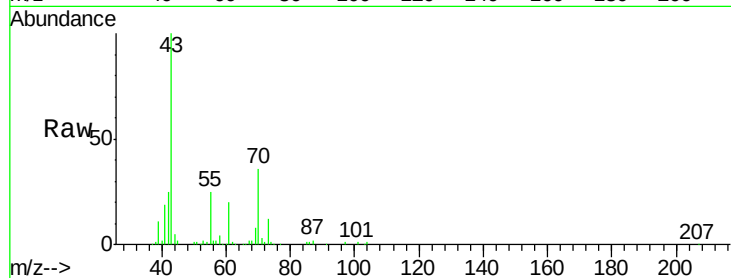
55 24.2 19.2 28.8

Manual Integrations

APPROVED

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#48

t-1,3-Dichloropropene

Concen: 19.256 ug/l

RT: 10.35 min Scan# 2679

Delta R.T. -0.00 min

Lab File: VN064521.D

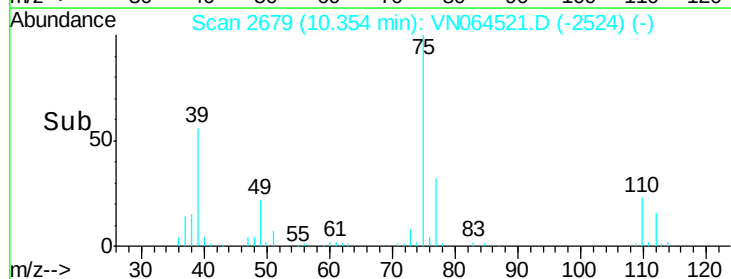
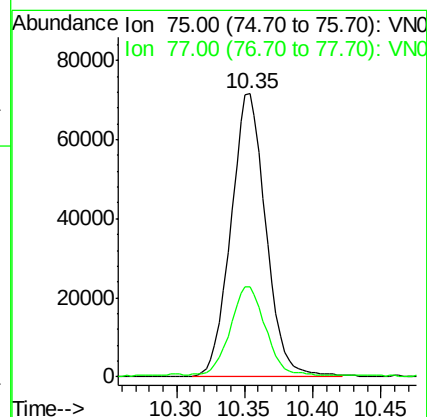
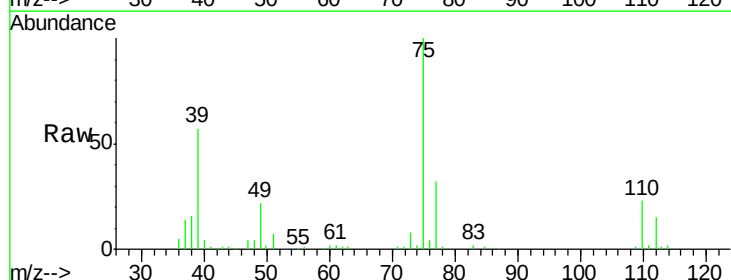
Acq: 10 Nov 2020 13:23

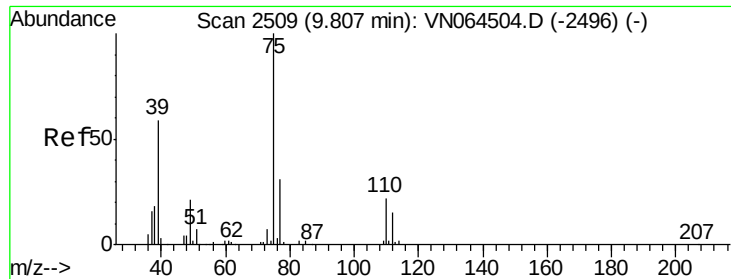
Tgt Ion: 75 Resp: 127757

Ion Ratio Lower Upper

75 100

77 31.2 25.8 38.6





#49

cis-1,3-Dichloropropene

Concen: 20.472 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN064521.D

Acq: 10 Nov 2020 13:23

Instrument :

MSVOA_N

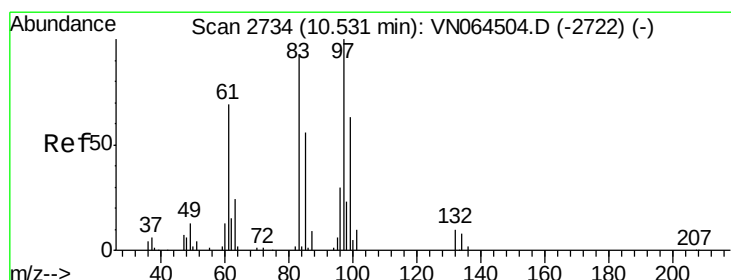
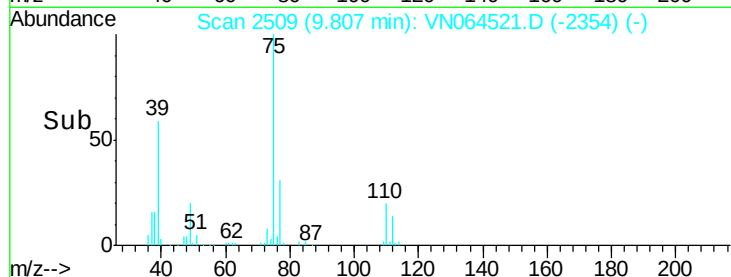
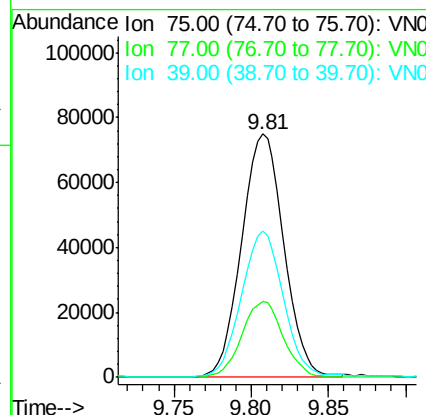
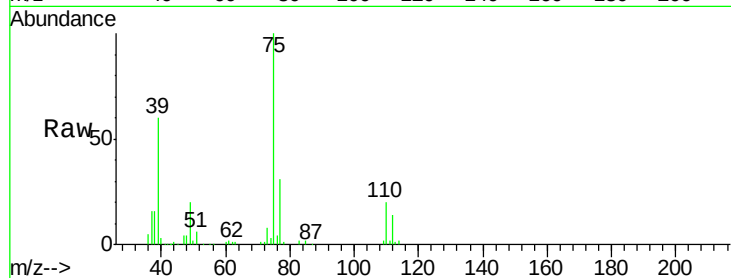
ClientSampleId :

VN1110WBS01

Tot Ion:	75	Resp:	142717
Ion	Ratio	Lower	Upper
75	100		
77	31.0	24.8	37.2
39	59.5	47.4	71.0

Manual Integrations
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#50

1,1,2-Trichloroethane

Concen: 19.943 ug/l

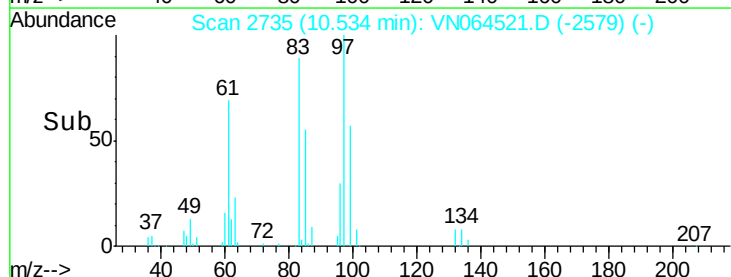
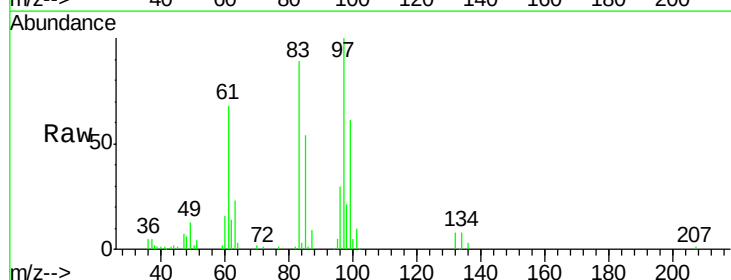
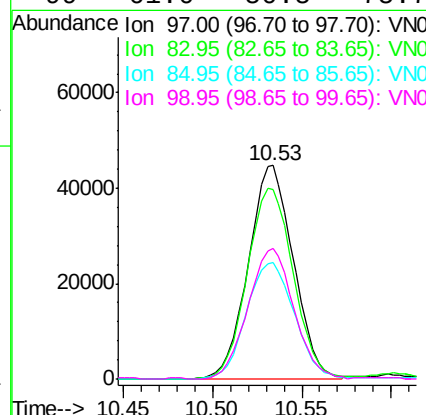
RT: 10.53 min Scan# 2735

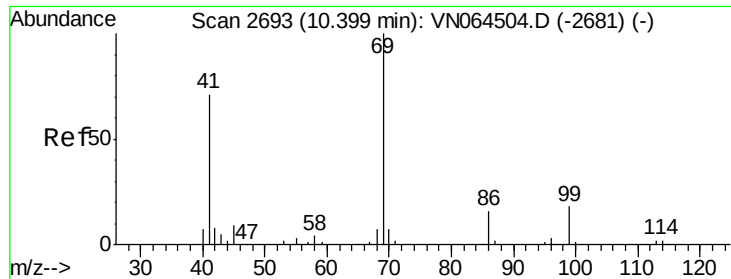
Delta R.T. 0.00 min

Lab File: VN064521.D

Acq: 10 Nov 2020 13:23

Tgt Ion:	97	Resp:	78983
Ion	Ratio	Lower	Upper
97	100		
83	88.6	74.2	111.4
85	54.3	44.8	67.2
99	61.0	50.5	75.7





#51

Ethyl methacrylate

Concen: 18.533 ug/l

RT: 10.40 min Scan# 2693

Delta R.T. -0.00 min

Lab File: VN064521.D

Acq: 10 Nov 2020 13:23

Instrument :

MSVOA_N

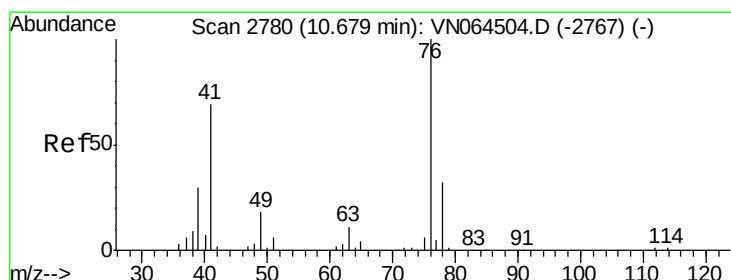
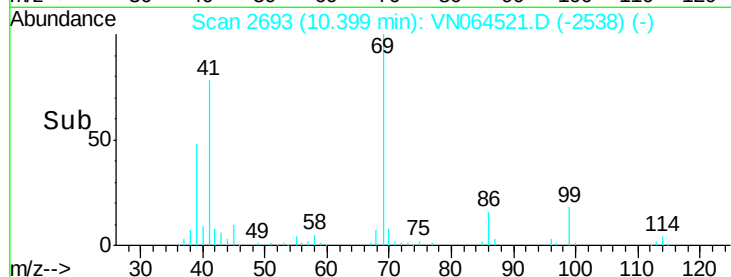
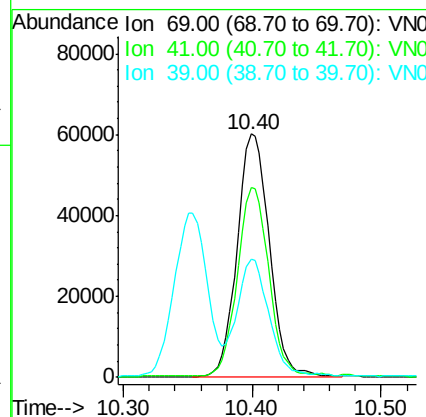
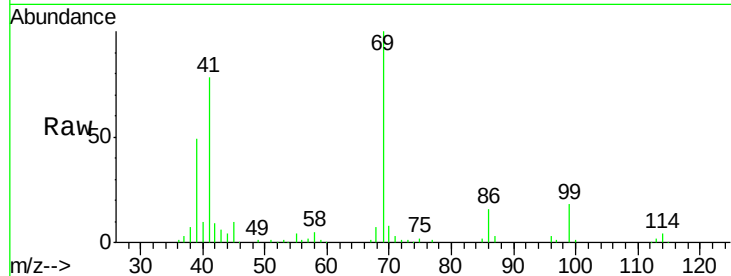
ClientSampleId :

VN1110WBS01

Tot Ion:	69	Resp:	105180
Ion	Ratio	Lower	Upper
69	100		
41	77.0	35.4	106.1
39	47.9	24.1	72.2

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 19.929 ug/l

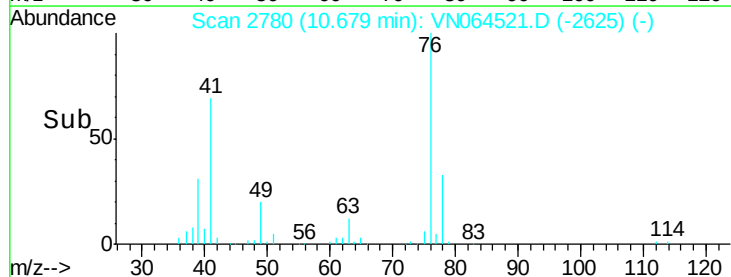
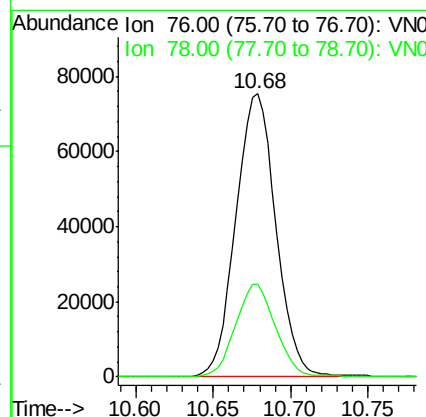
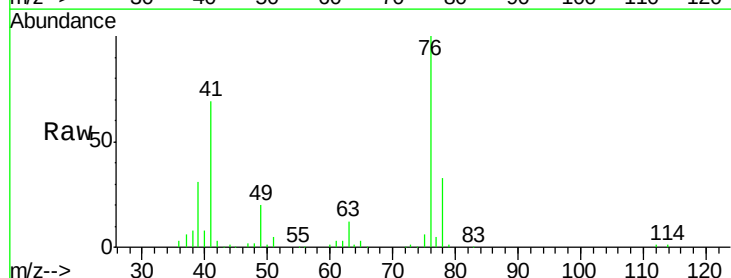
RT: 10.68 min Scan# 2780

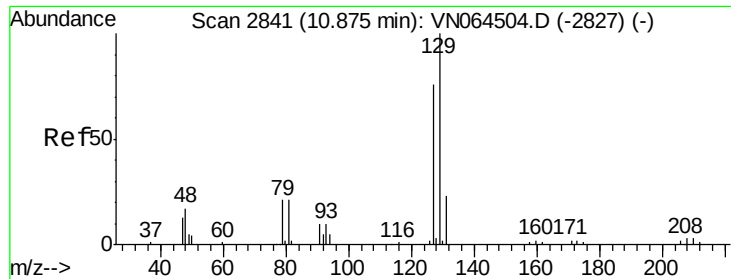
Delta R.T. -0.00 min

Lab File: VN064521.D

Acq: 10 Nov 2020 13:23

Tgt Ion:	76	Resp:	135595
Ion	Ratio	Lower	Upper
76	100		
78	32.6	0.0	65.2





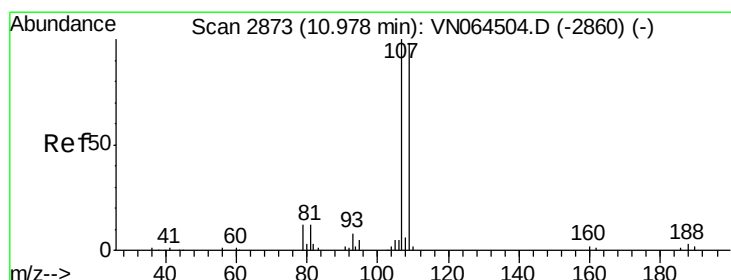
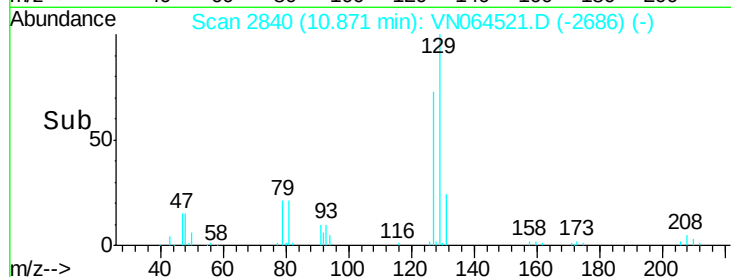
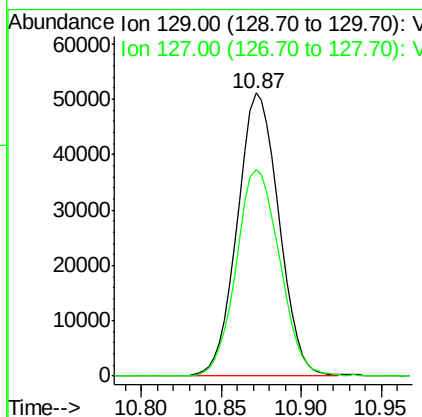
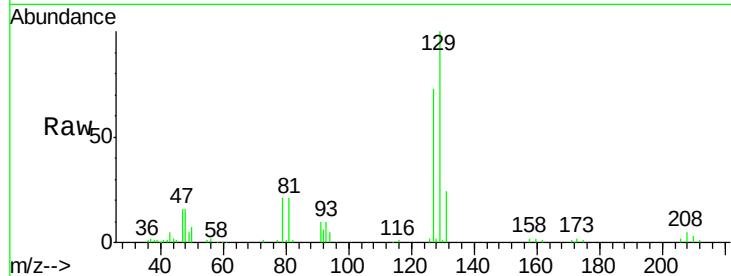
#53
Dibromochloromethane
Concen: 20.034 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064521.D
Acq: 10 Nov 2020 13:23

Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01

Tot Ion:129 Resp: 90870
Ion Ratio Lower Upper
129 100
127 76.2 39.1 117.2

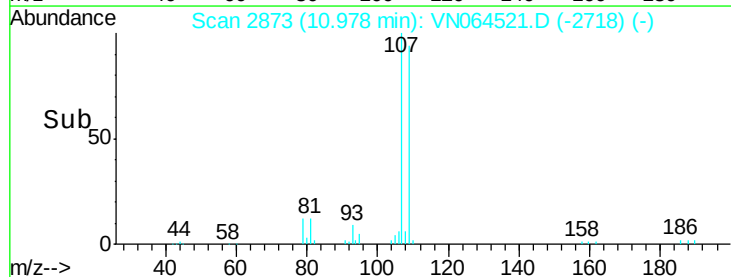
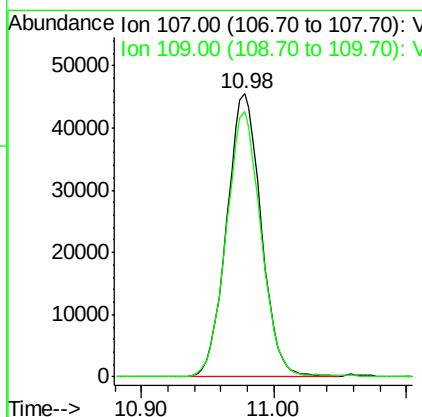
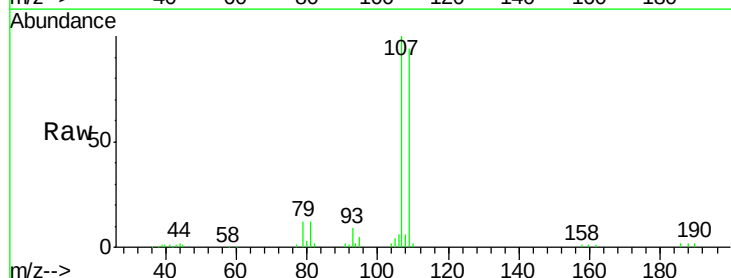
Manual Integrations
APPROVED

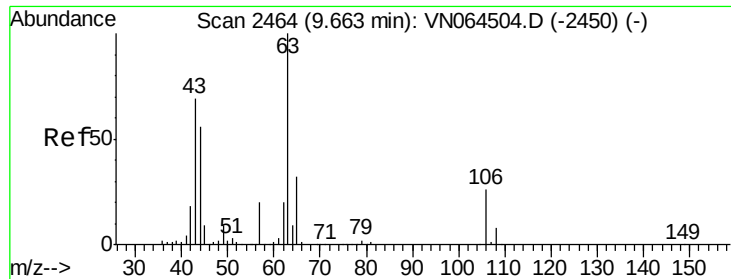
MMDadoda
11/11/2020 1:01:22 PM



#54
1,2-Dibromoethane
Concen: 20.222 ug/l
RT: 10.98 min Scan# 2873
Delta R.T. -0.00 min
Lab File: VN064521.D
Acq: 10 Nov 2020 13:23

Tgt Ion:107 Resp: 81917
Ion Ratio Lower Upper
107 100
109 94.4 77.2 115.8





#55

2-Chloroethyl vinyl ether

Concen: 85.597 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. -0.00 min

Lab File: VN064521.D

Acq: 10 Nov 2020 13:23

Instrument :

MSVOA_N

ClientSampleId :

VN1110WBS01

Tot Ion: 63 Resp: 254226

Ion Ratio Lower Upper

63 100

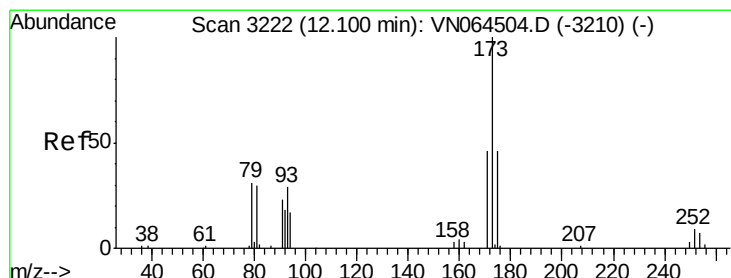
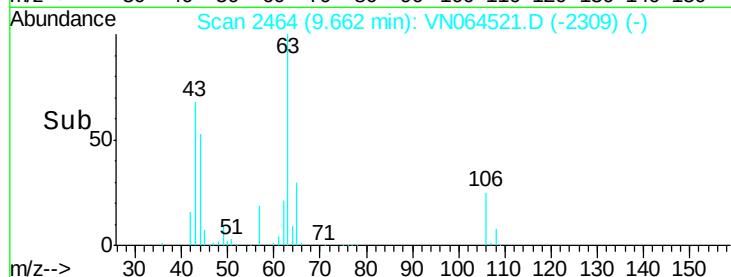
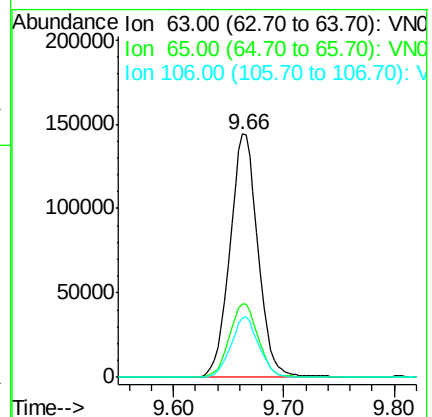
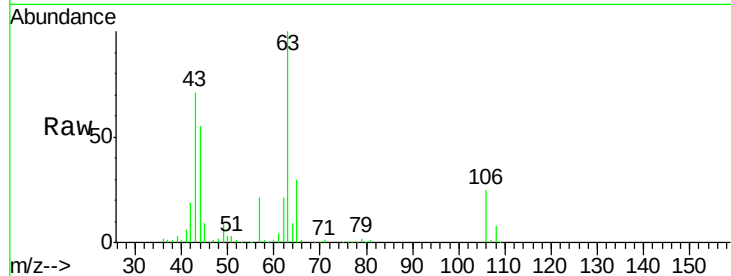
65 31.1 25.7 38.5

106 24.6 19.9 29.9

Manual Integrations
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#56

Bromoform

Concen: 19.682 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. -0.00 min

Lab File: VN064521.D

Acq: 10 Nov 2020 13:23

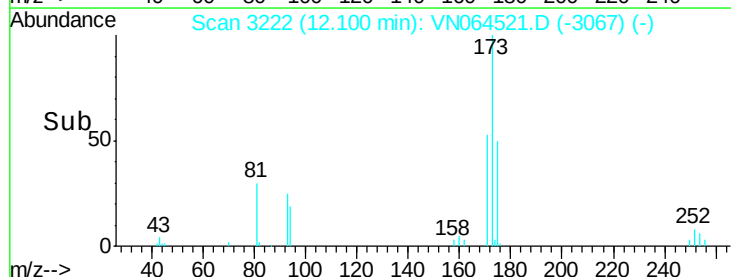
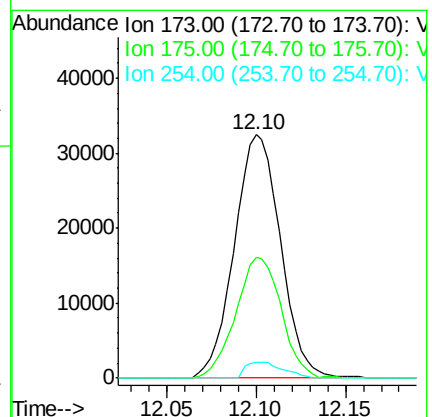
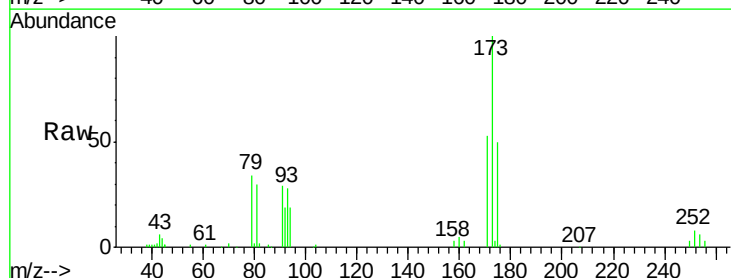
Tgt Ion: 173 Resp: 58582

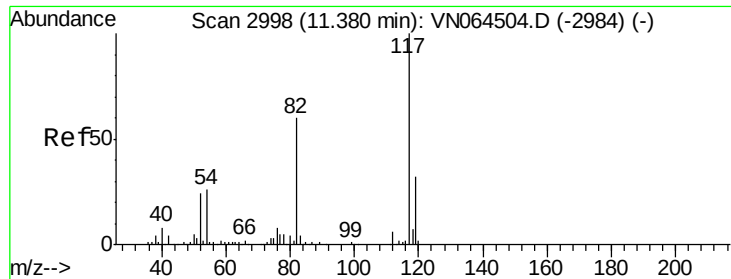
Ion Ratio Lower Upper

173 100

175 48.5 37.1 55.7

254 5.3 5.4 8.2#





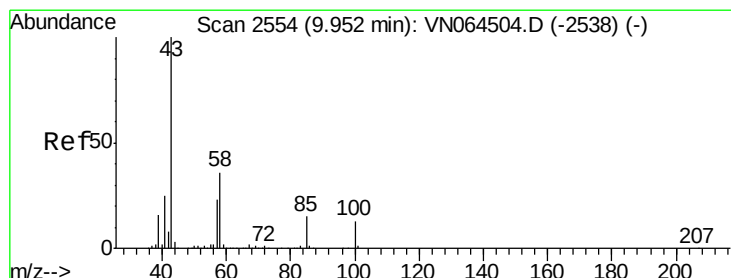
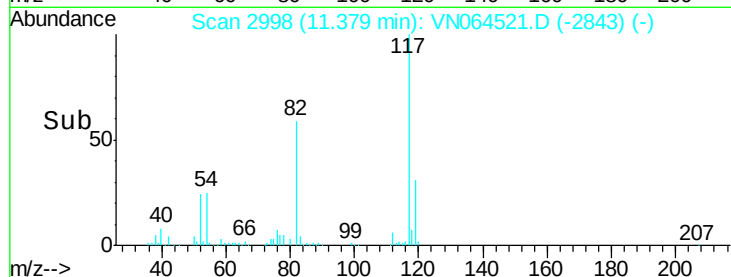
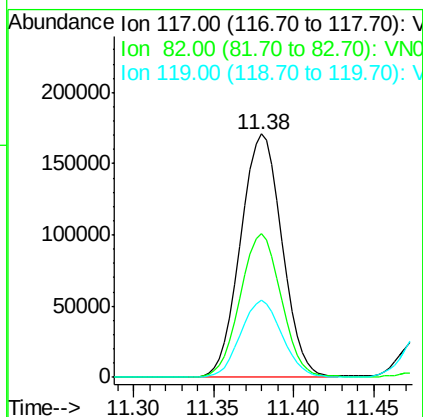
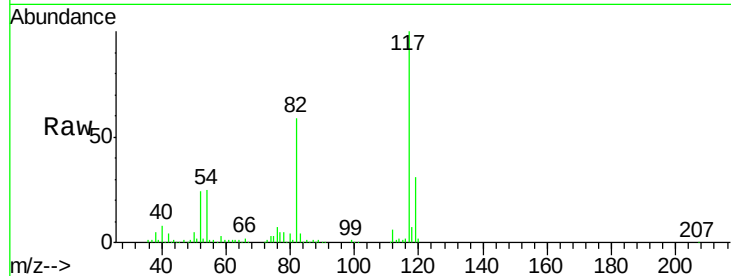
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064521.D
Acq: 10 Nov 2020 13:23

Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.3	47.8	71.8
119	31.5	25.7	38.5

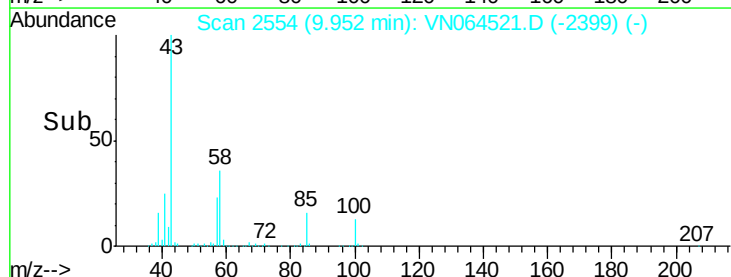
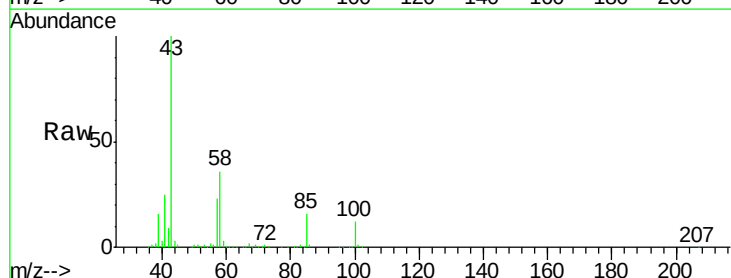
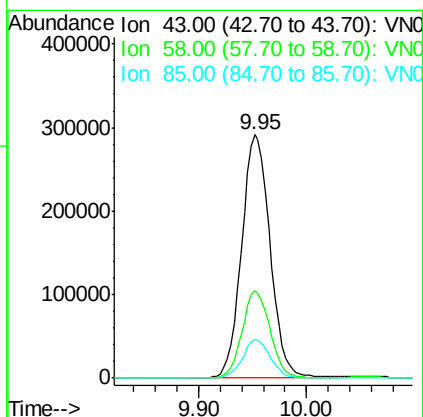
Manual Integrations
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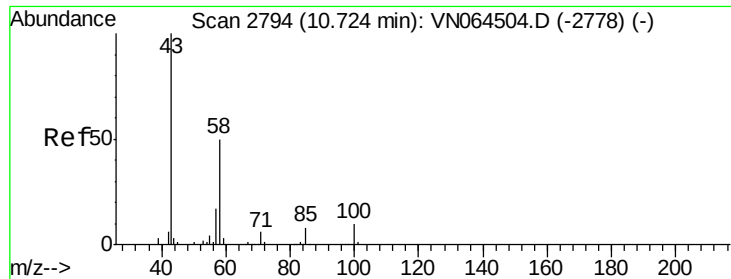
MMDadoda
11/11/2020 1:01:22 PM



#58
4-Methyl-2-Pentanone
Concen: 95.913 ug/l
RT: 9.95 min Scan# 2554
Delta R.T. -0.00 min
Lab File: VN064521.D
Acq: 10 Nov 2020 13:23

Tgt Ion	Ratio	Lower	Upper
43	100		
58	35.4	28.8	43.2
85	15.4	12.3	18.5





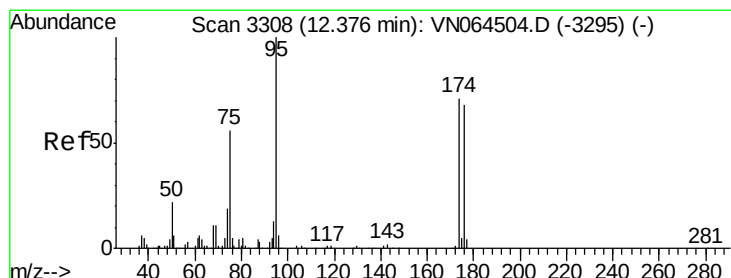
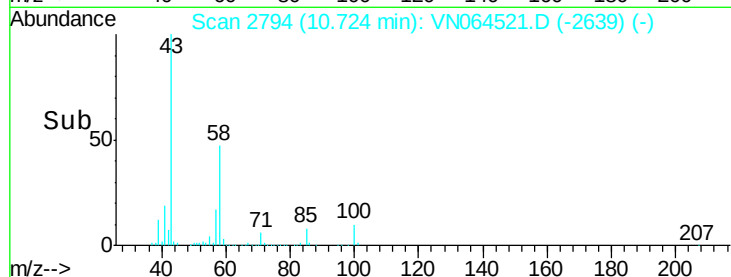
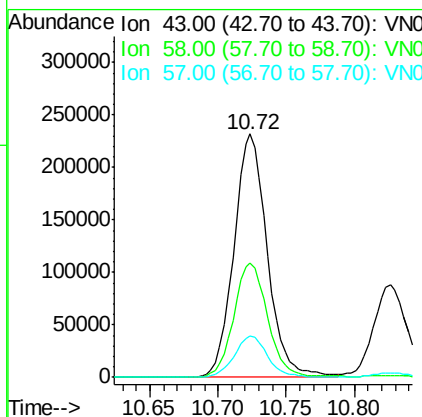
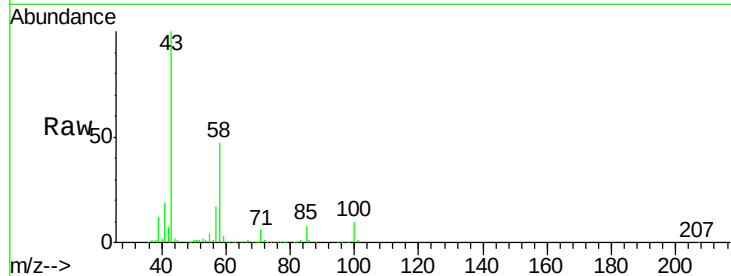
#59
2-Hexanone
Concen: 93.299 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. -0.00 min
Lab File: VN064521.D
Acq: 10 Nov 2020 13:23

Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	48.4	38.2	57.4
57	17.1	13.8	20.8

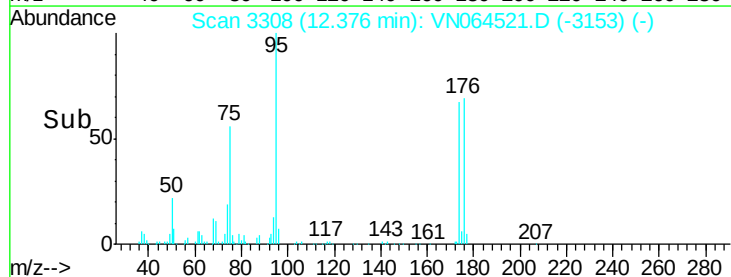
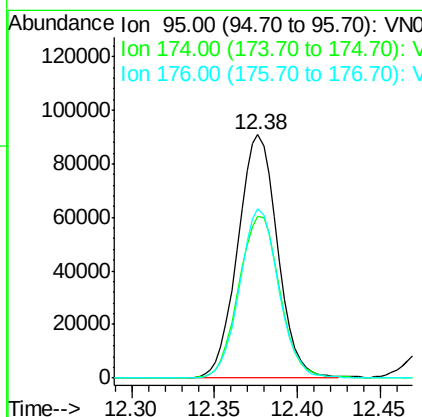
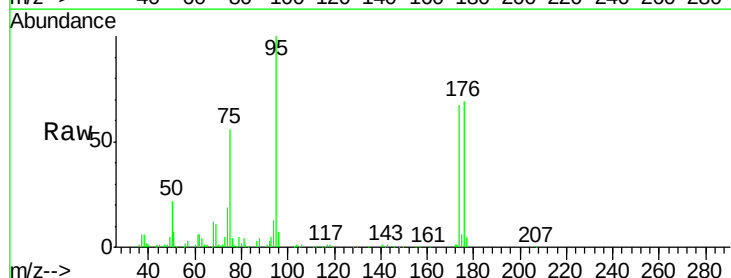
Manual Integrations
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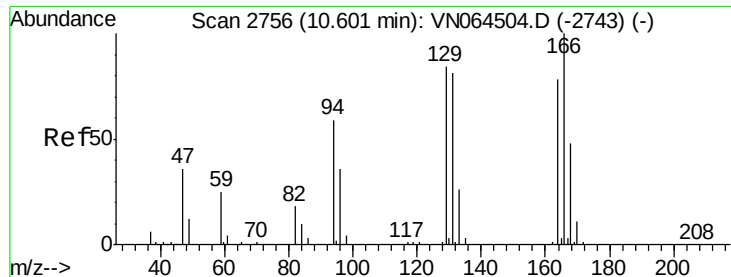
MMDadoda
11/11/2020 1:01:22 PM



#60
4-Bromofluorobenzene
Concen: 29.243 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.00 min
Lab File: VN064521.D
Acq: 10 Nov 2020 13:23

Tgt Ion	Ratio	Lower	Upper
95	100		
174	69.1	56.4	84.6
176	68.3	53.3	79.9





#61

Tetrachloroethene

Concen: 20.759 ug/l

RT: 10.60 min Scan# 2756

Delta R.T. -0.00 min

Lab File: VN064521.D

Acq: 10 Nov 2020 13:23

Instrument :

MSVOA_N

ClientSampleId :

VN1110WBS01

Tot Ion:164 Resp: 78715

Ion Ratio Lower Upper

164 100

166 131.5 103.2 154.8

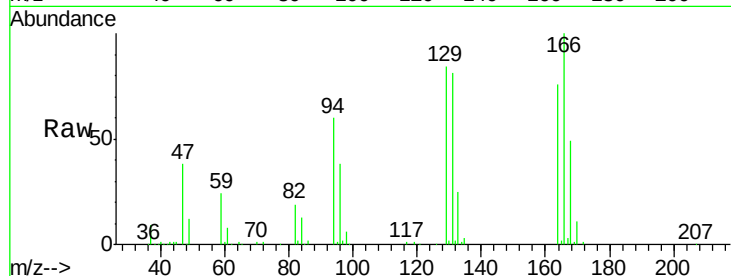
129 110.7 86.4 129.6

131 107.3 84.0 126.0

Manual Integrations
APPROVED

MMDadoda

11/11/2020 1:01:22 PM

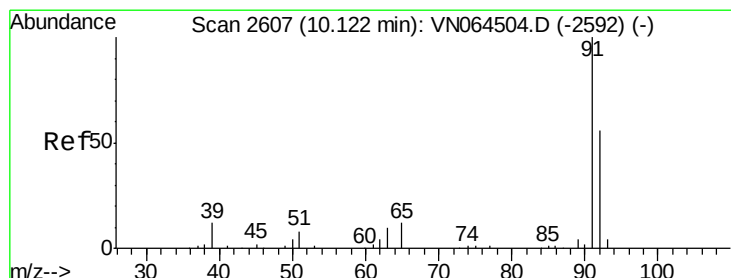
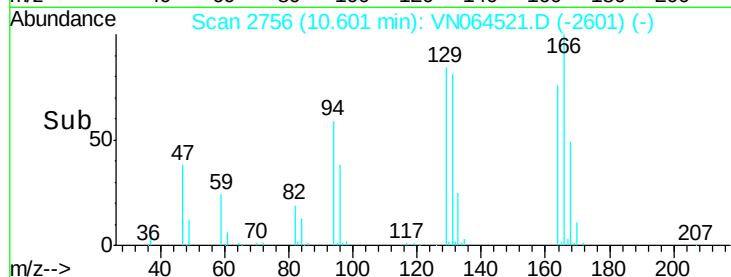
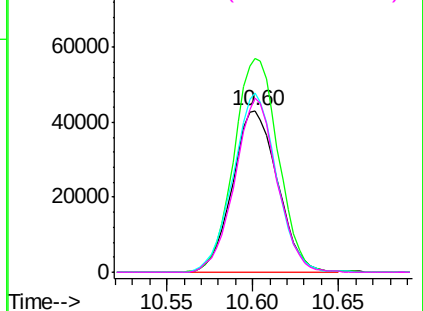


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 19.970 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN064521.D

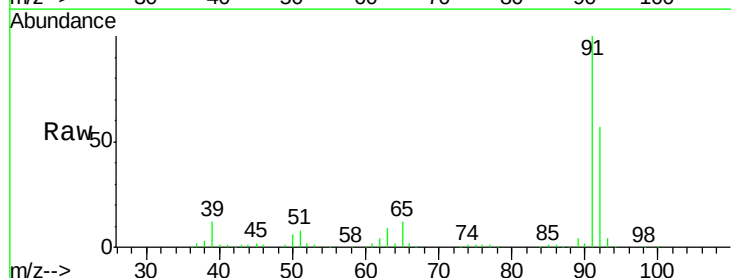
Acq: 10 Nov 2020 13:23

Tgt Ion: 91 Resp: 355774

Ion Ratio Lower Upper

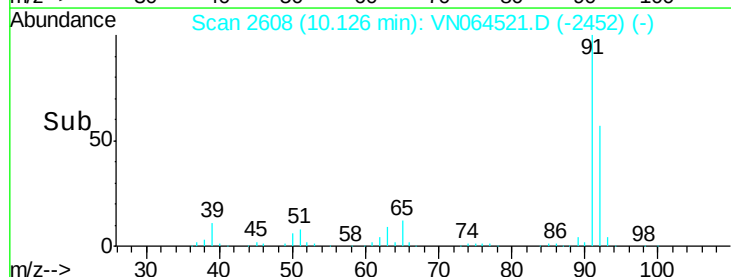
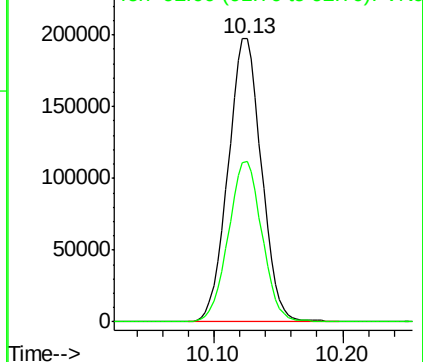
91 100

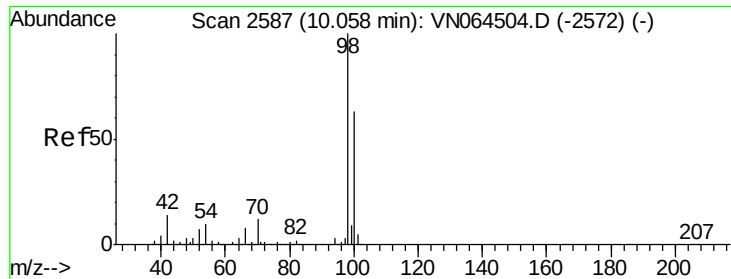
92 57.1 45.4 68.2



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V





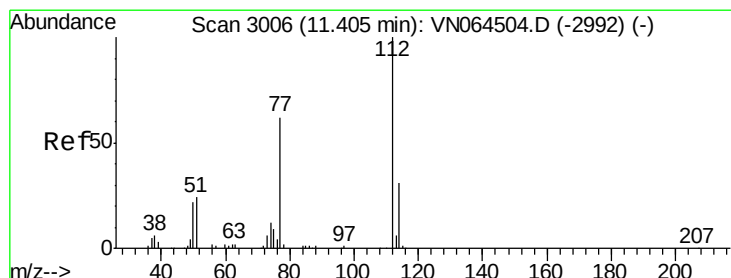
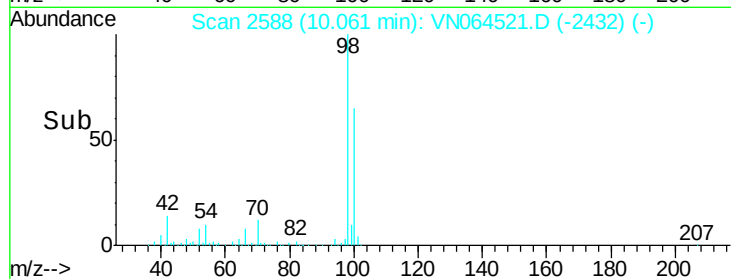
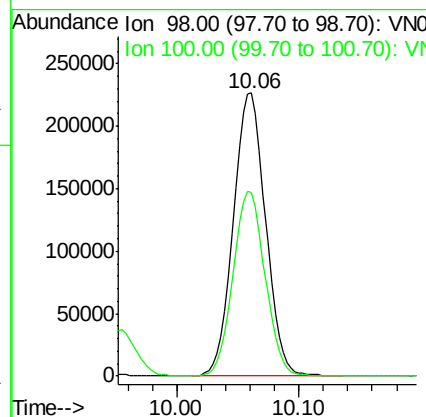
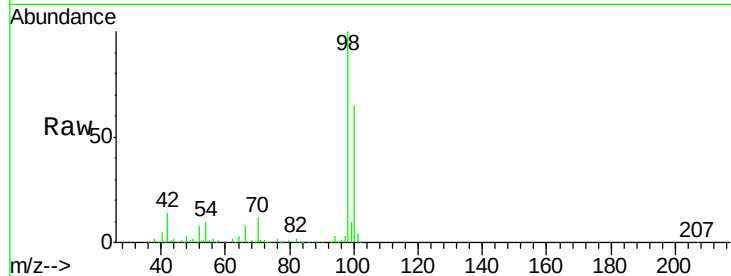
#63
Toluene-d8
Concen: 29.508 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN064521.D
Acq: 10 Nov 2020 13:23

Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01

Tot Ion: 98 Resp: 417469
Ion Ratio Lower Upper
98 100
100 64.5 49.4 74.2

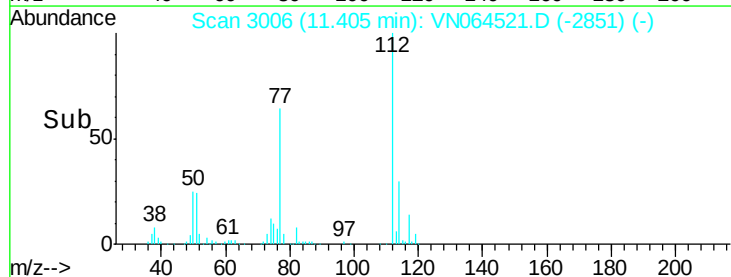
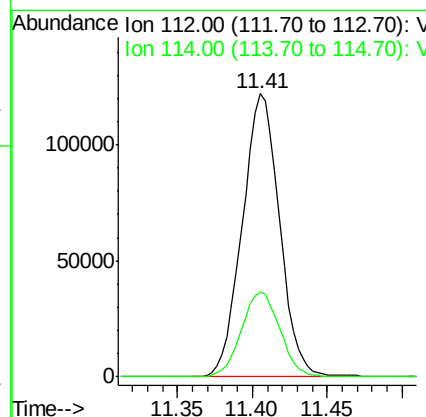
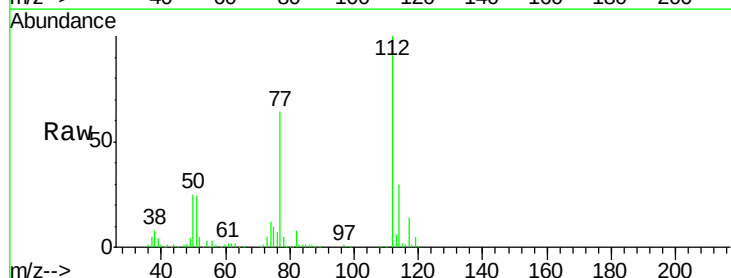
Manual Integrations
APPROVED

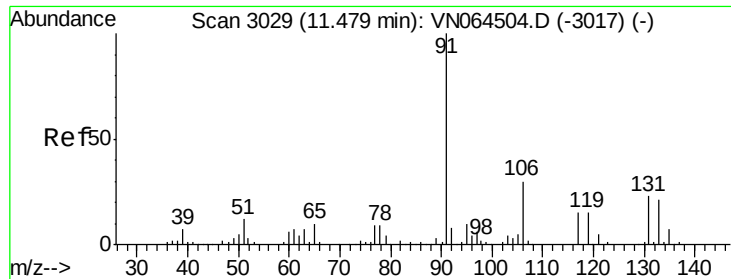
MMDadoda
11/11/2020 1:01:22 PM



#64
Chlorobenzene
Concen: 19.971 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN064521.D
Acq: 10 Nov 2020 13:23

Tgt Ion: 112 Resp: 211483
Ion Ratio Lower Upper
112 100
114 29.9 25.0 37.6





#65

1,1,1,2-Tetrachloroethane

Concen: 20.105 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. 0.00 min

Lab File: VN064521.D

Acq: 10 Nov 2020 13:23

Instrument :

MSVOA_N

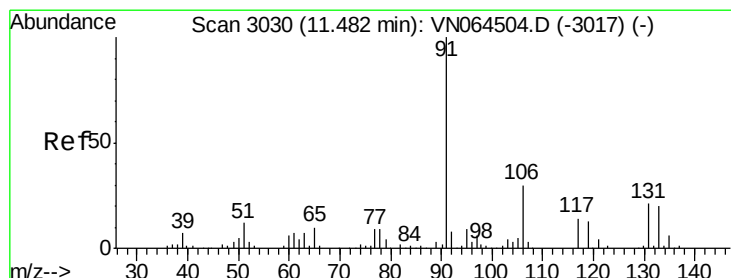
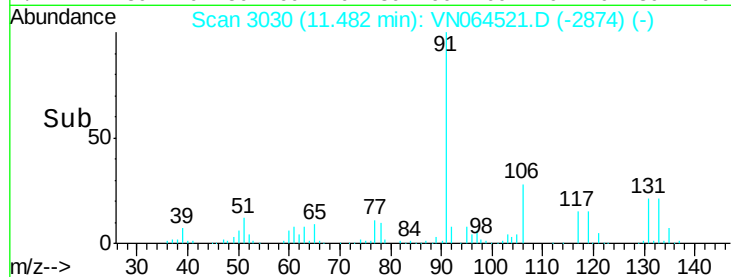
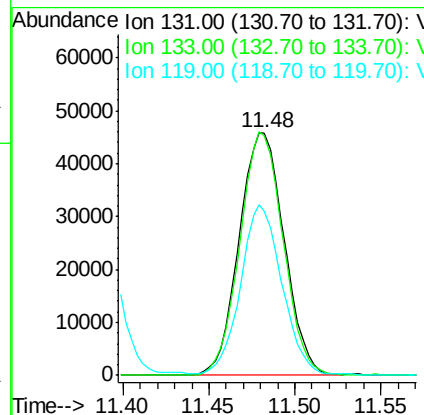
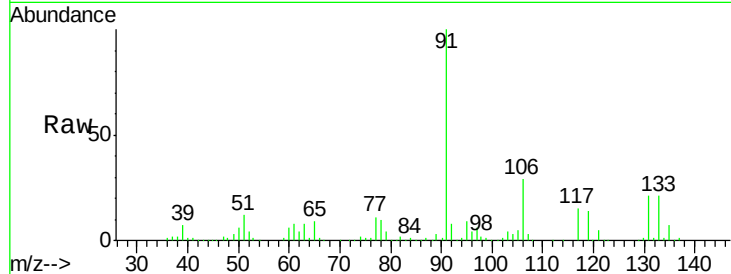
ClientSampleId :

VN1110WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
131	100		83229		
133	96.2	0.0	191.2		
119	64.8	0.0	131.6		

Manual Integrations
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#66

Ethyl Benzene

Concen: 18.996 ug/l

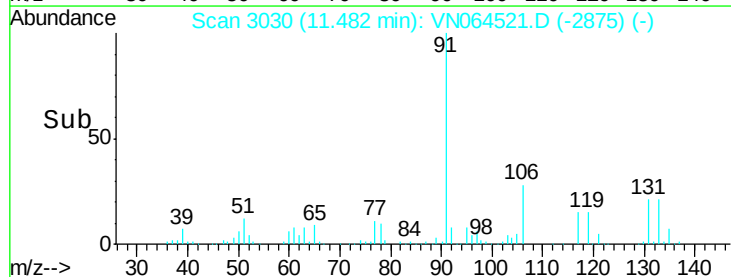
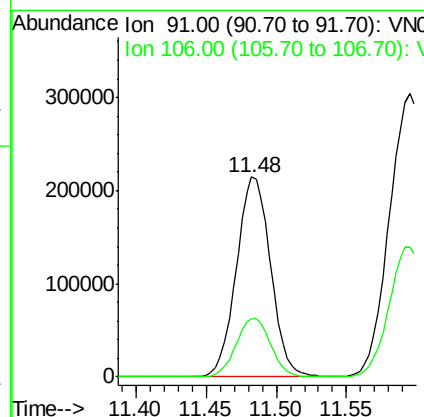
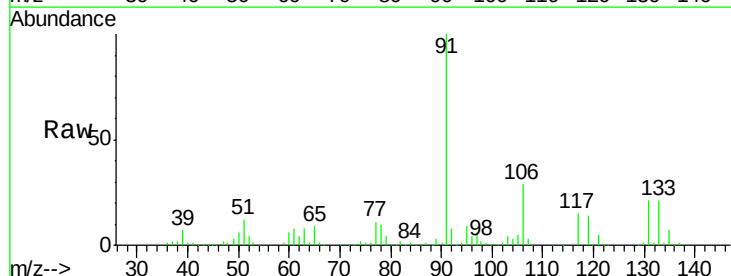
RT: 11.48 min Scan# 3030

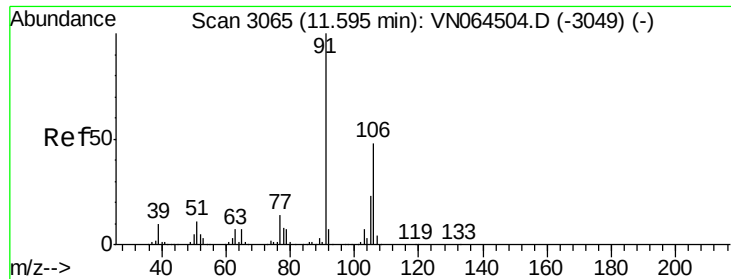
Delta R.T. -0.00 min

Lab File: VN064521.D

Acq: 10 Nov 2020 13:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		365232		
106	29.2	23.9	35.9		





#67

m/p-Xylenes

Concen: 38.729 ug/l

RT: 11.59 min Scan# 3065

Delta R.T. -0.00 min

Lab File: VN064521.D

Acq: 10 Nov 2020 13:23

Instrument :

MSVOA_N

ClientSampleId :

VN1110WBS01

Tot Ion:106 Resp: 274842

Ion Ratio Lower Upper

106 100

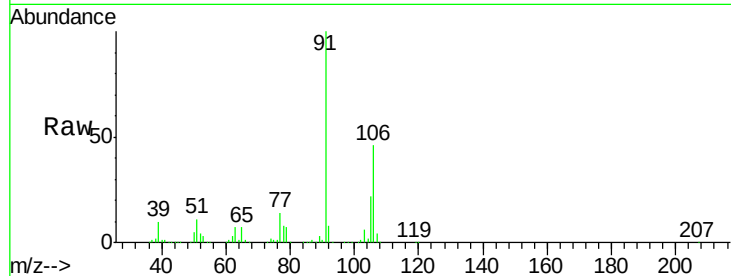
91 213.5 168.8 253.2

Manual Integrations

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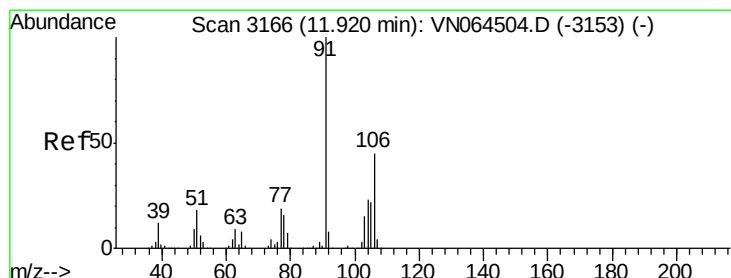
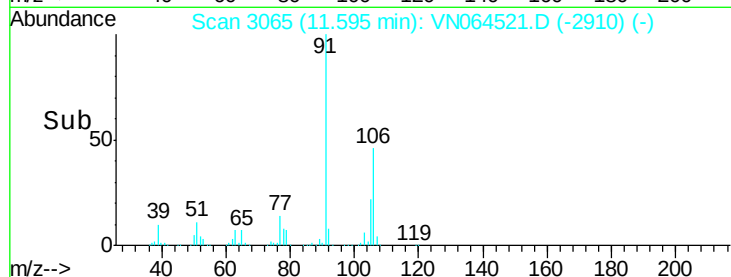
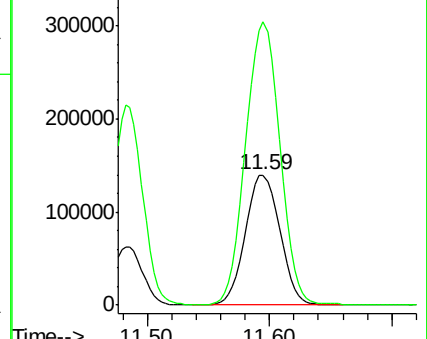
MMDadoda

11/11/2020 1:01:22 PM



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#68

o-Xylene

Concen: 19.377 ug/l

RT: 11.92 min Scan# 3167

Delta R.T. 0.00 min

Lab File: VN064521.D

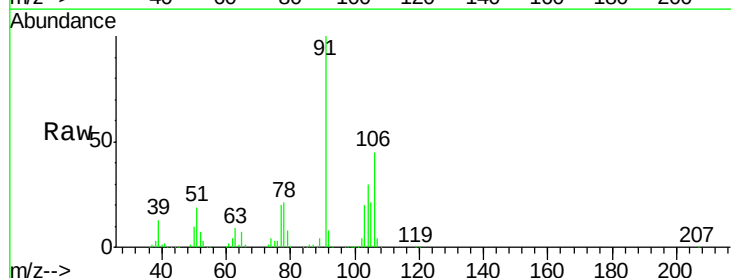
Acq: 10 Nov 2020 13:23

Tgt Ion:106 Resp: 130130

Ion Ratio Lower Upper

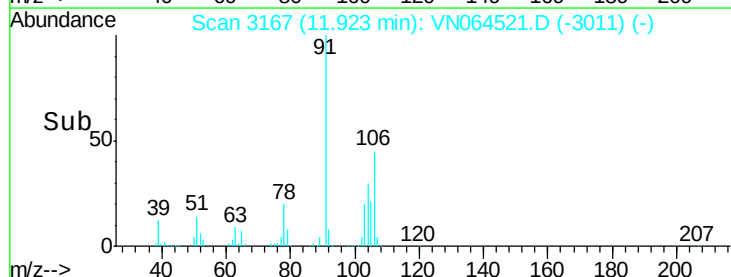
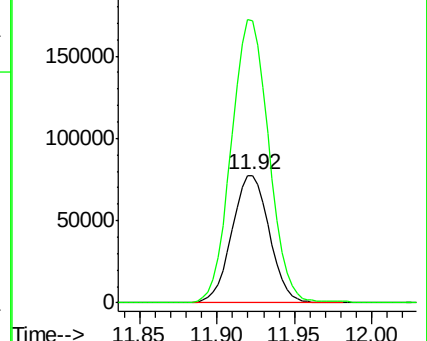
106 100

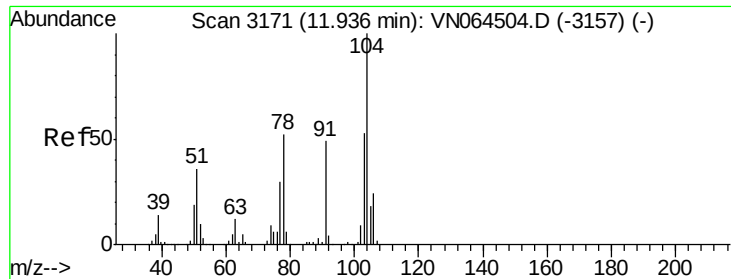
91 222.6 109.7 329.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN





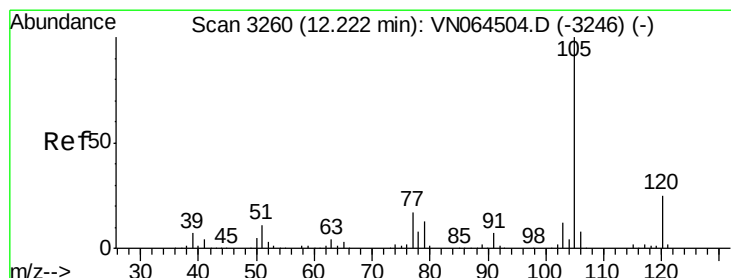
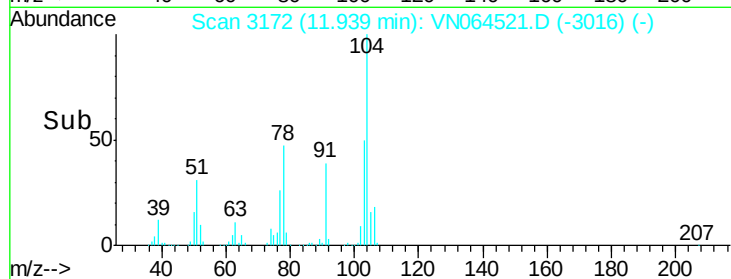
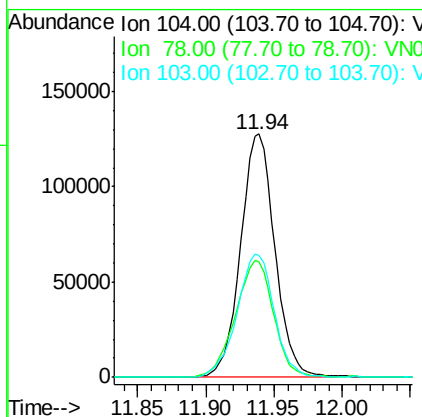
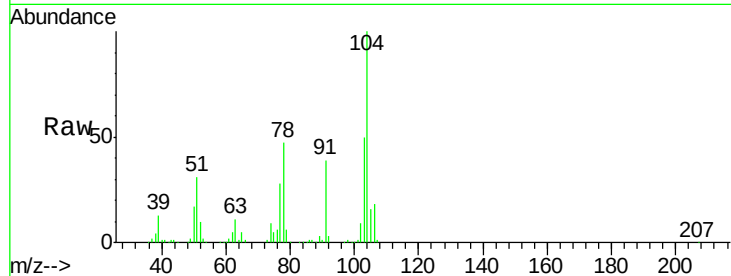
#69
Stvrene
Concen: 19.384 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN064521.D
Acq: 10 Nov 2020 13:23

Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01

Tot Ion	Ratio	Resp	Lower	Upper
104	100	222933		
78	53.5		44.4	66.6
103	54.7		44.6	67.0

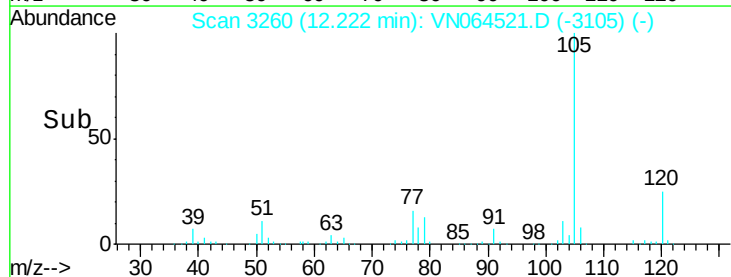
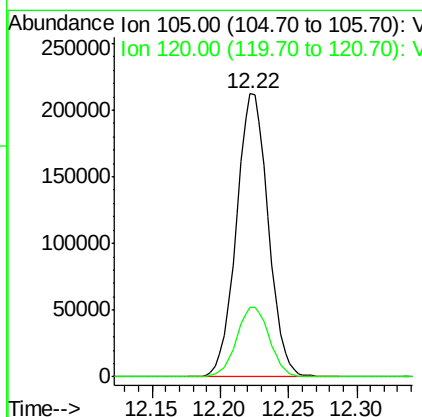
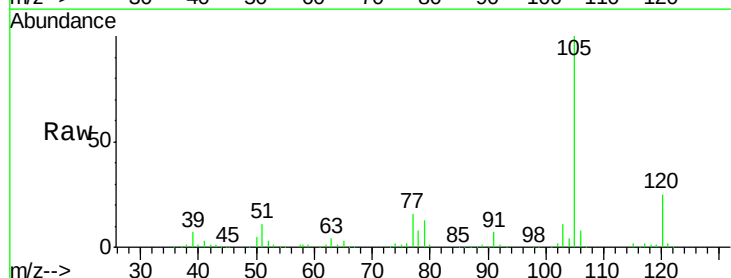
Manual Integrations
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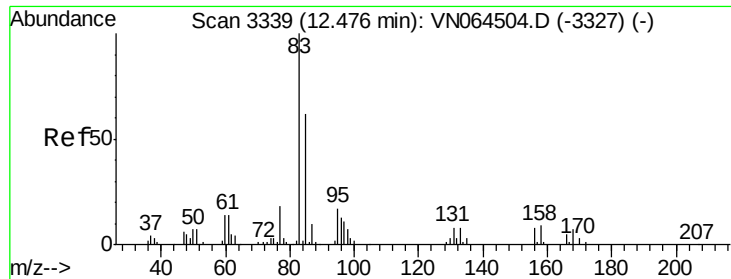
MMDadoda
11/11/2020 1:01:22 PM



#70
Isopropylbenzene
Concen: 19.537 ug/l
RT: 12.22 min Scan# 3260
Delta R.T. -0.00 min
Lab File: VN064521.D
Acq: 10 Nov 2020 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	343425		
120	25.3		17.9	33.3





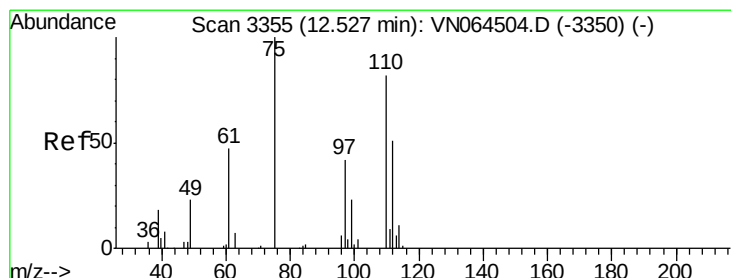
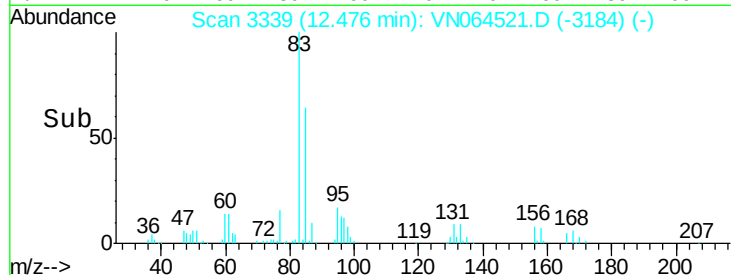
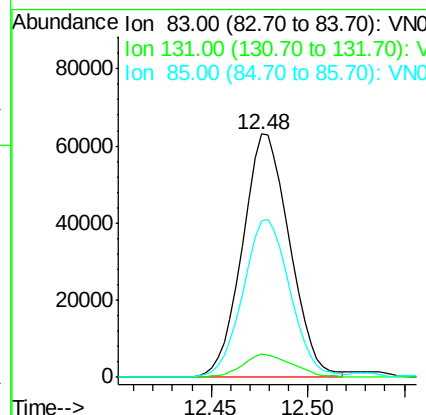
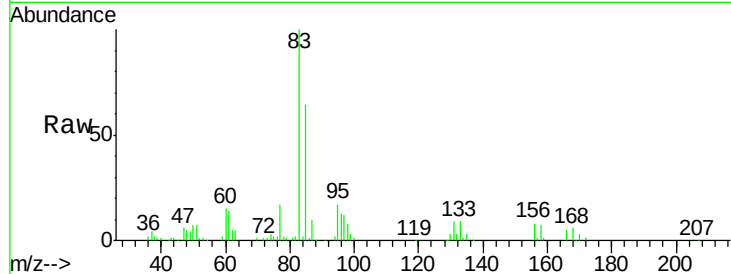
#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.067 ug/l
 RT: 12.48 min Scan# 3339
 Delta R.T. -0.00 min
 Lab File: VN064521.D
 Acq: 10 Nov 2020 13:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1110WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
131	10.1	4.6	13.8
85	64.7	31.4	94.0

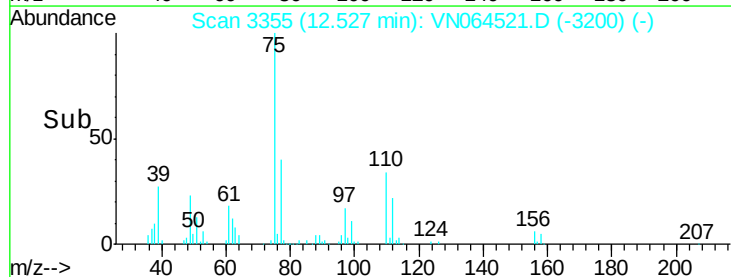
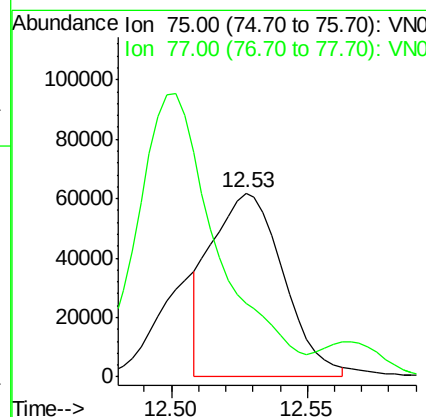
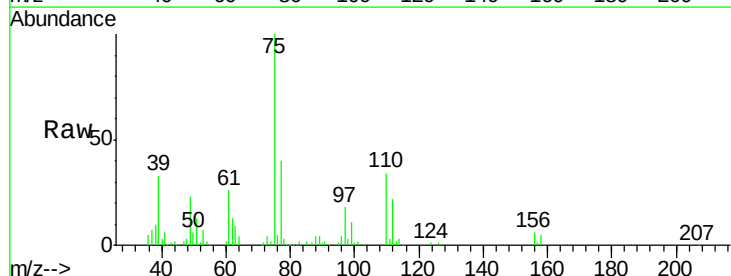
Manual Integrations
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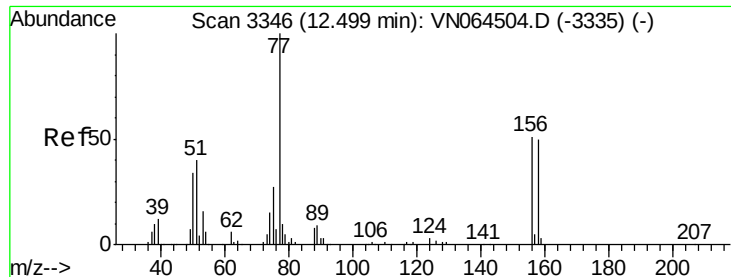
MMDadoda
 11/11/2020 1:01:22 PM



#72
 1,2,3-Trichloropropane
 Concen: 20.305 ug/l m
 RT: 12.53 min Scan# 3355
 Delta R.T. -0.00 min
 Lab File: VN064521.D
 Acq: 10 Nov 2020 13:23

Tgt Ion	Ratio	Lower	Upper
75	100		
77	173.6	0.0	379.4





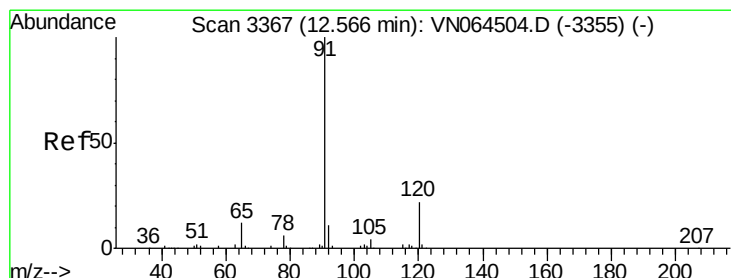
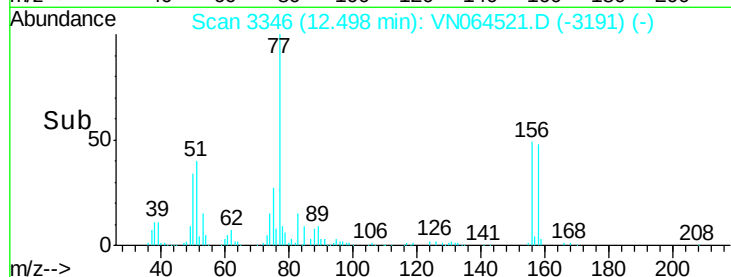
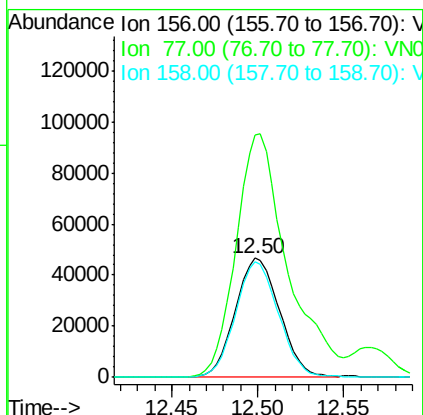
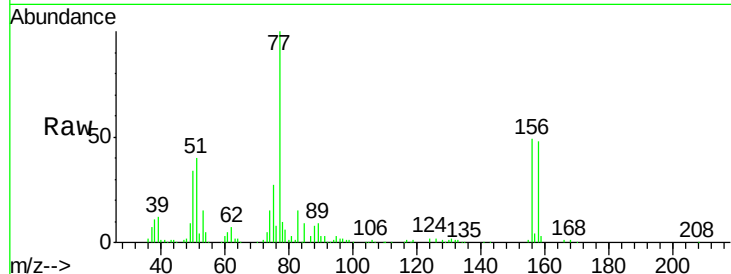
#73
Bromobenzene
Concen: 19.203 ug/l
RT: 12.50 min Scan# 3346
Delta R.T. -0.00 min
Lab File: VN064521.D
Acq: 10 Nov 2020 13:23

Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	237.0	0.0	480.2
158	94.2	0.0	194.0

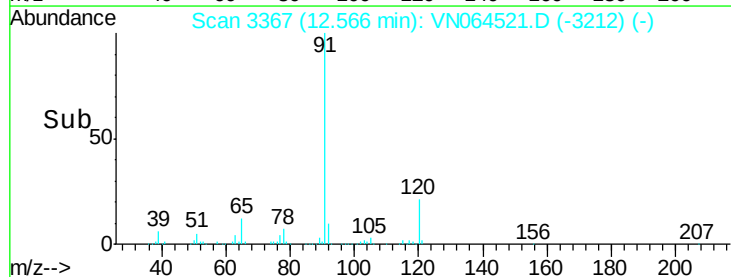
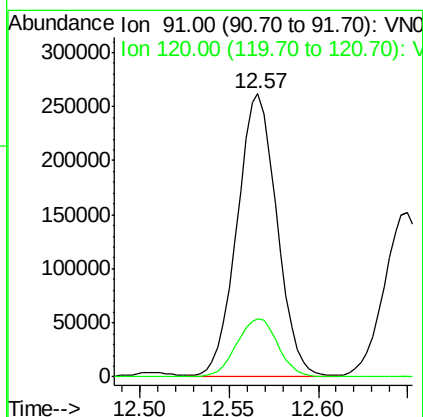
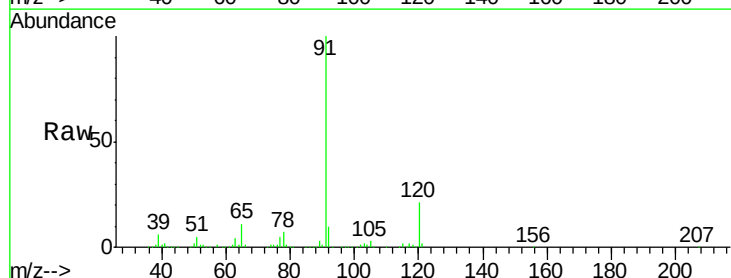
Manual Integrations
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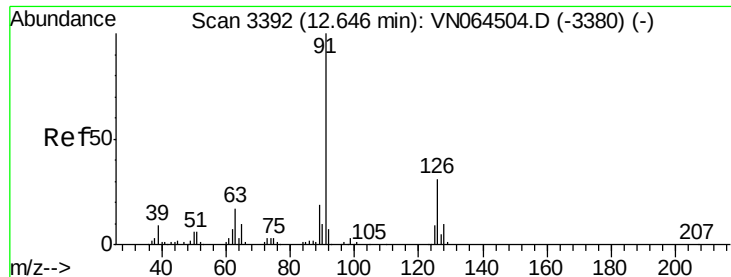
MMDadoda
11/11/2020 1:01:22 PM



#74
n-propylbenzene
Concen: 19.692 ug/l
RT: 12.57 min Scan# 3367
Delta R.T. -0.00 min
Lab File: VN064521.D
Acq: 10 Nov 2020 13:23

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.3	0.0	42.8





#75

2-Chlorotoluene

Concen: 19.360 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN064521.D

Acq: 10 Nov 2020 13:23

Instrument :

MSVOA_N

ClientSampleId :

VN1110WBS01

Tot Ion: 91 Resp: 251675

Ion Ratio Lower Upper

91 100

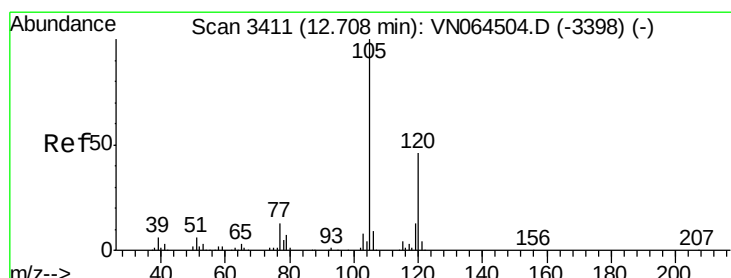
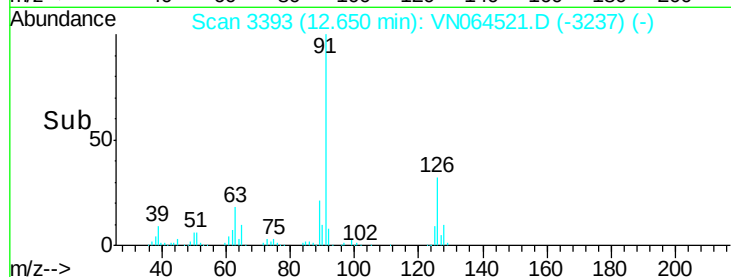
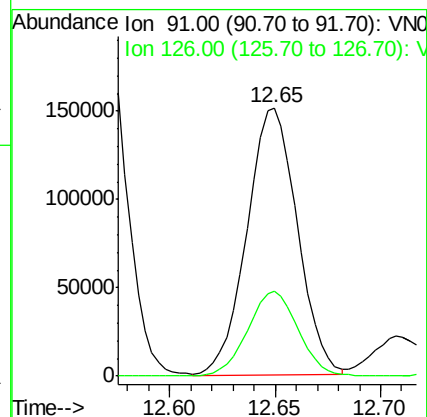
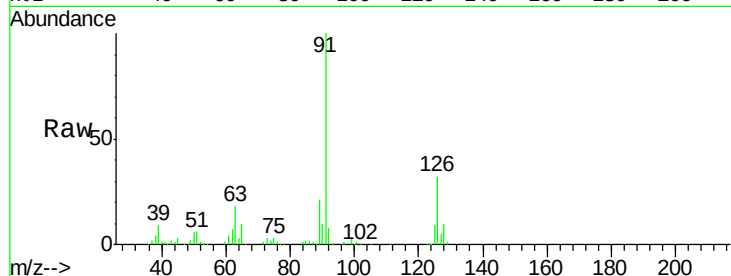
126 31.8 0.0 61.8

Manual Integrations

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11/11/2020 1:01:22 PM



#76

1,3,5-Trimethylbenzene

Concen: 19.955 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN064521.D

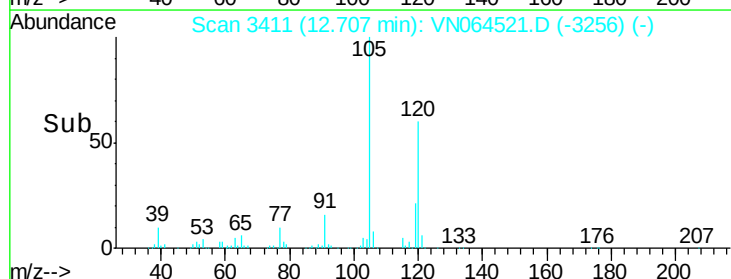
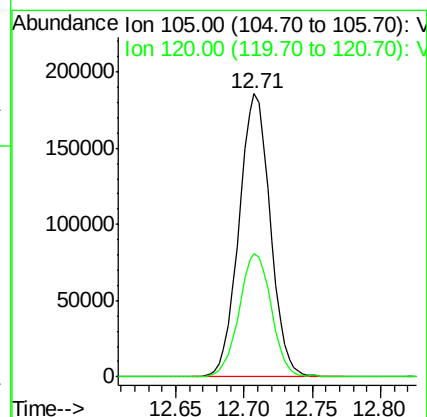
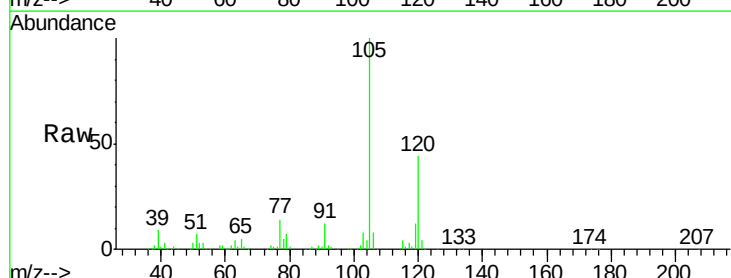
Acq: 10 Nov 2020 13:23

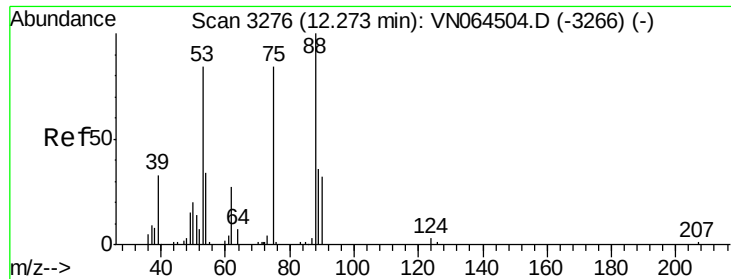
Tgt Ion: 105 Resp: 296105

Ion Ratio Lower Upper

105 100

120 44.5 0.0 90.4





#77

t-1,4-Dichloro-2-butene

Concen: 16.993 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN064521.D

Acq: 10 Nov 2020 13:23

Instrument :

MSVOA_N

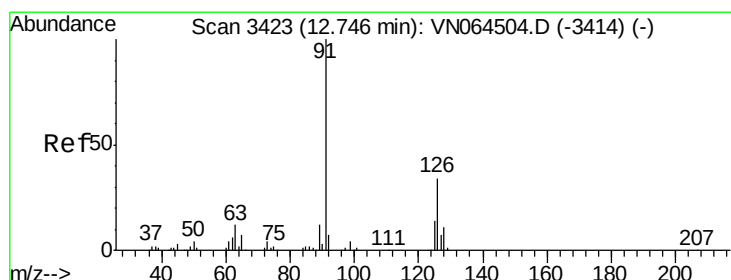
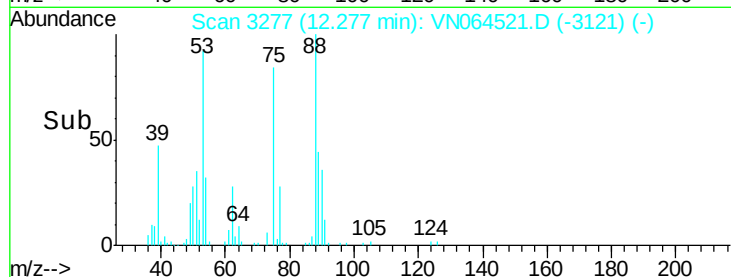
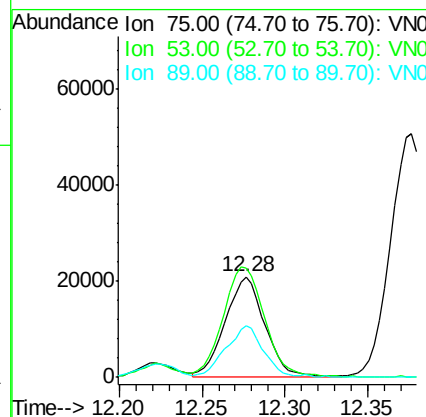
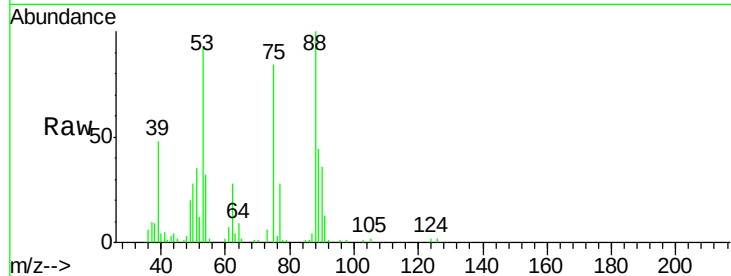
ClientSampleId :

VN1110WBS01

Tot Ion:	75	Resp:	34783
Ion	Ratio	Lower	Upper
75	100		
53	109.3	50.3	150.9
89	52.6	23.3	69.8

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#78

4-Chlorotoluene

Concen: 18.798 ug/l

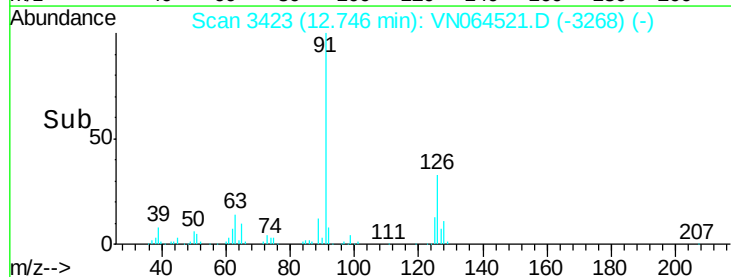
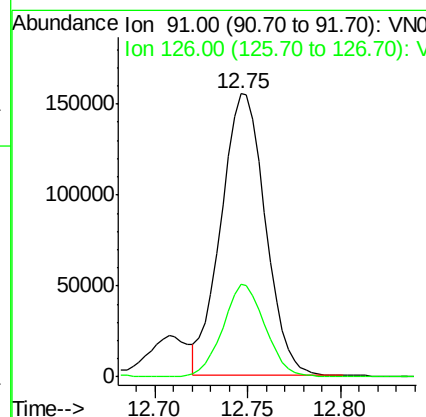
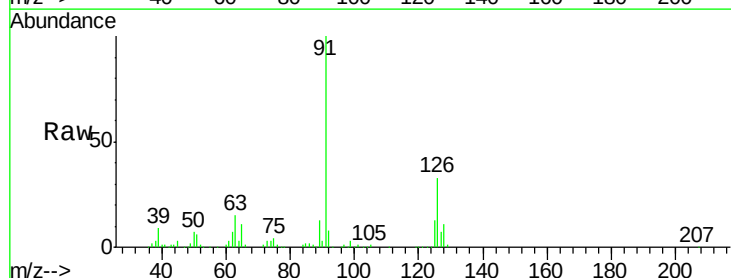
RT: 12.75 min Scan# 3423

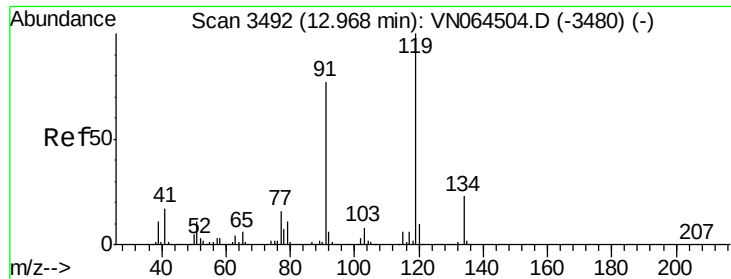
Delta R.T. -0.00 min

Lab File: VN064521.D

Acq: 10 Nov 2020 13:23

Tgt Ion:	91	Resp:	256776
Ion	Ratio	Lower	Upper
91	100		
126	31.6	0.0	61.8





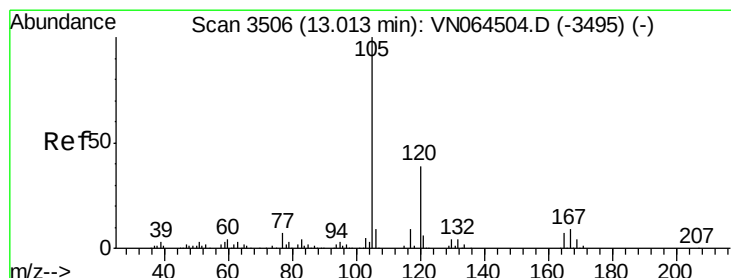
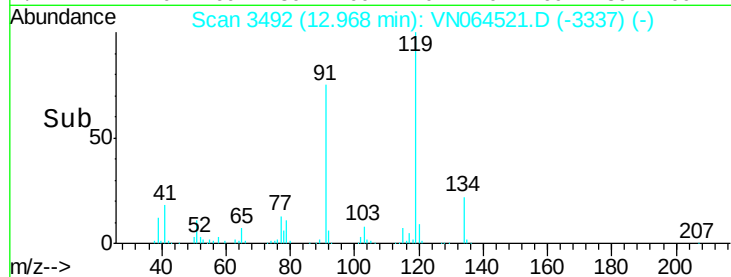
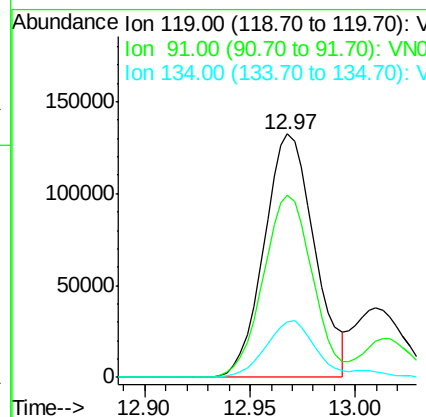
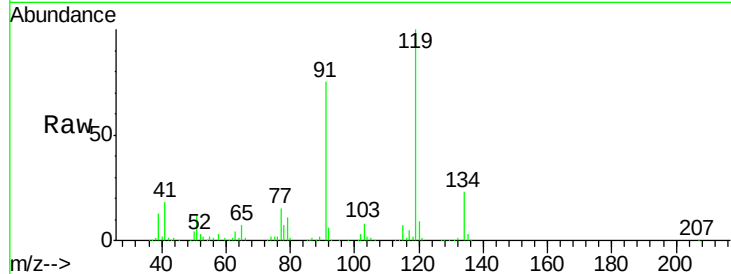
#79
tert-butylbenzene
Concen: 18.909 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. -0.00 min
Lab File: VN064521.D
Acq: 10 Nov 2020 13:23

Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	220195		
91	73.9	0.0	147.8	
134	22.8	0.0	50.6	

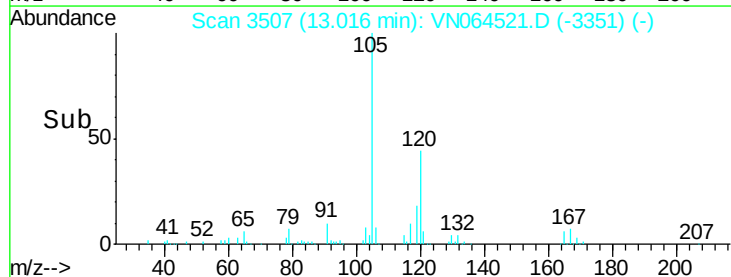
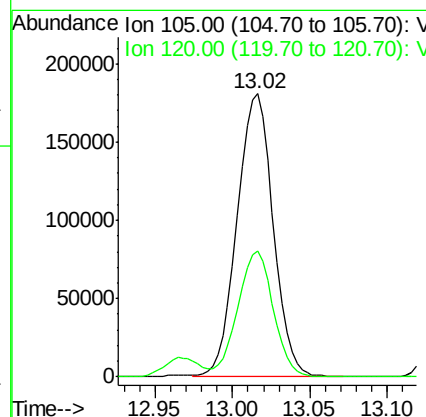
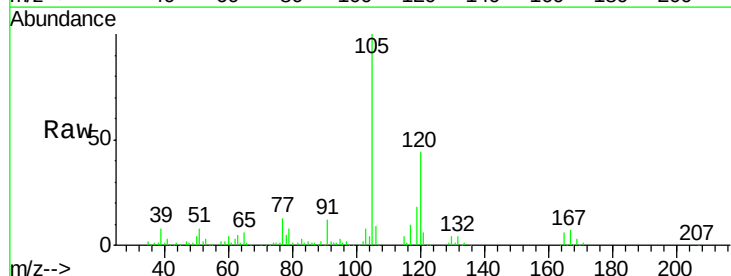
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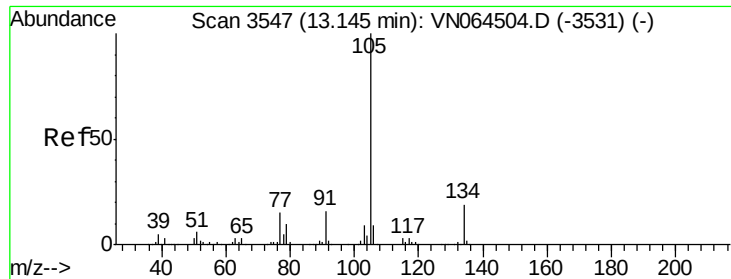
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#80
1,2,4-Trimethylbenzene
Concen: 19.461 ug/l
RT: 13.02 min Scan# 3507
Delta R.T. 0.00 min
Lab File: VN064521.D
Acq: 10 Nov 2020 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	291010		
120	44.4	0.0	88.6	





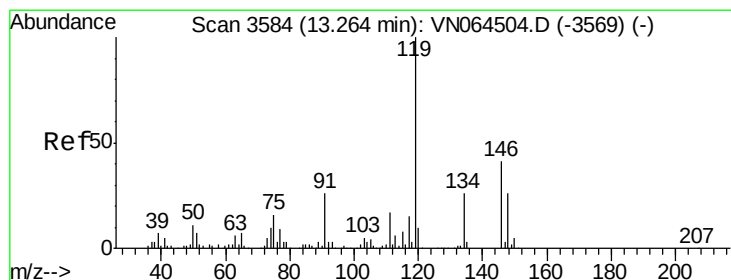
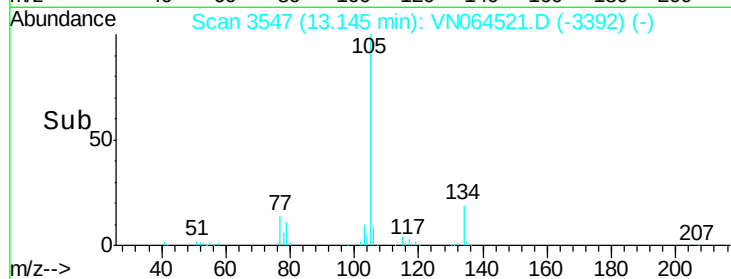
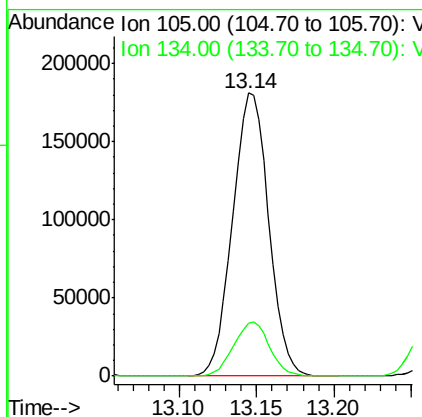
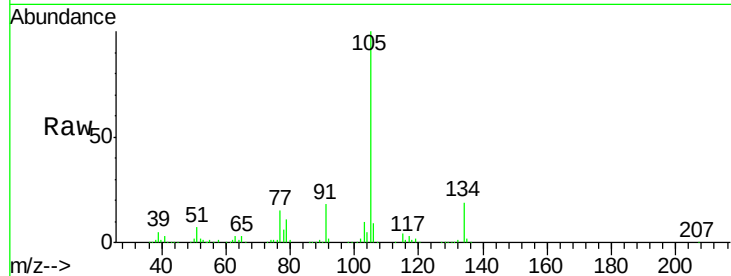
#81
 sec-Butylbenzene
 Concen: 19.050 ug/l
 RT: 13.14 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN064521.D
 Acq: 10 Nov 2020 13:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1110WBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	294066		
134	18.9	0.0	37.8	

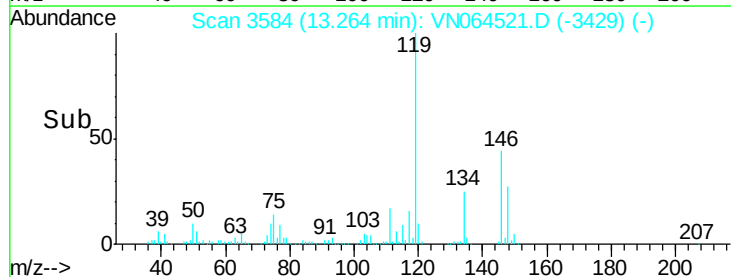
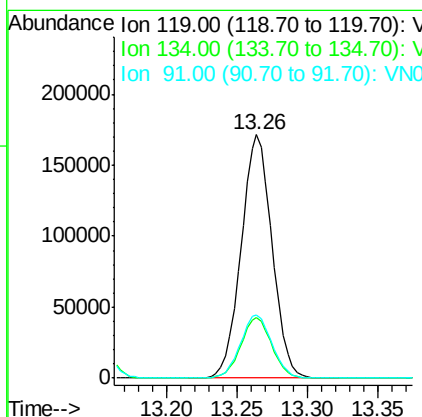
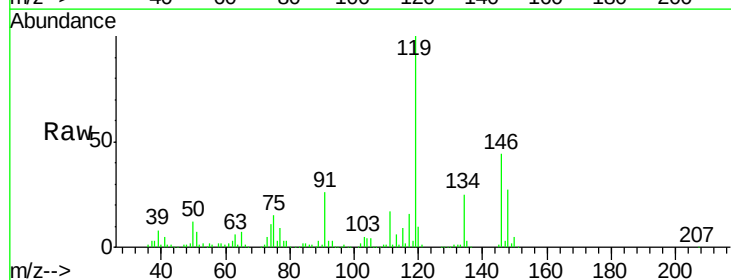
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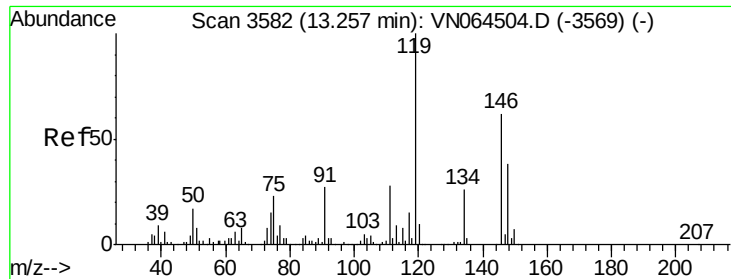
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#82
 p-Isopropyltoluene
 Concen: 19.099 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. -0.00 min
 Lab File: VN064521.D
 Acq: 10 Nov 2020 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	263381		
134	24.9	0.0	53.0	
91	26.1	0.0	53.2	





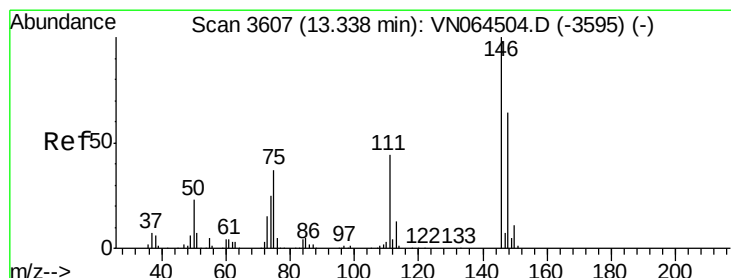
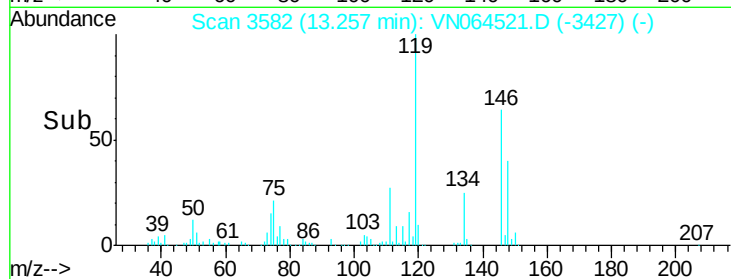
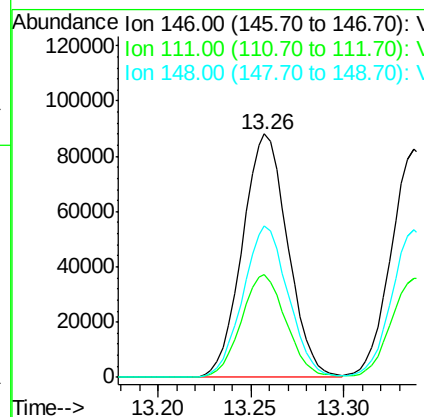
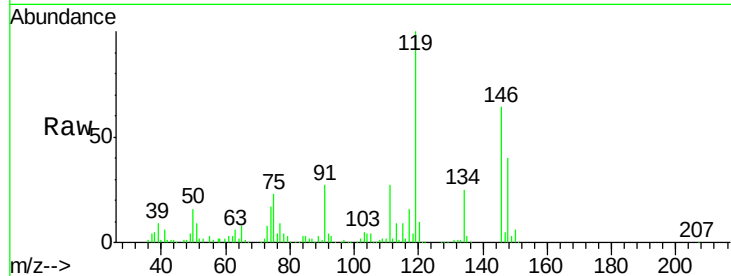
#83
1,3-Dichlorobenzene
Concen: 19.575 ug/l
RT: 13.26 min Scan# 3582
Delta R.T. -0.00 min
Lab File: VN064521.D
Acq: 10 Nov 2020 13:23

Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.8	22.3	66.9
148	61.9	31.8	95.3

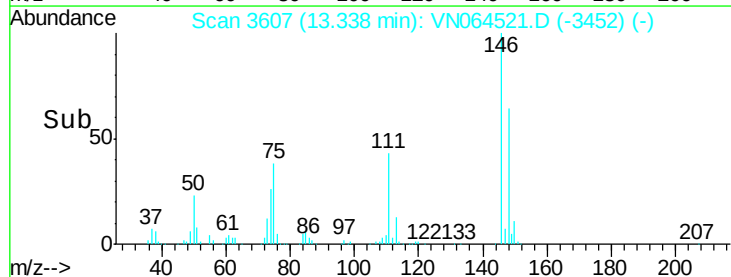
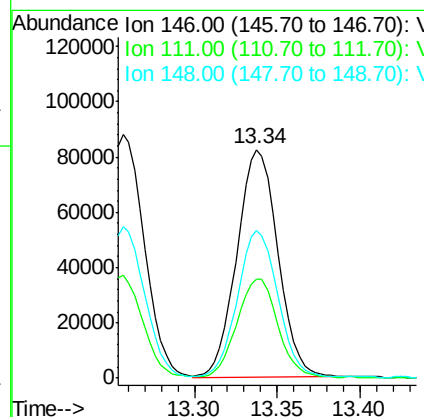
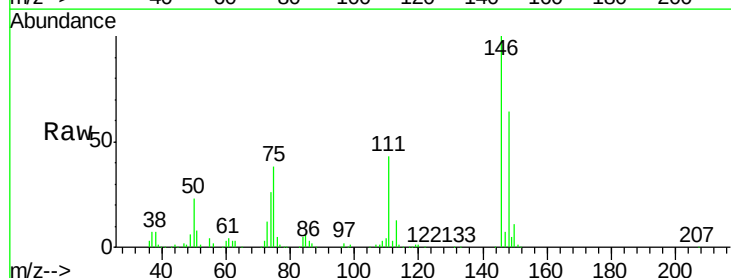
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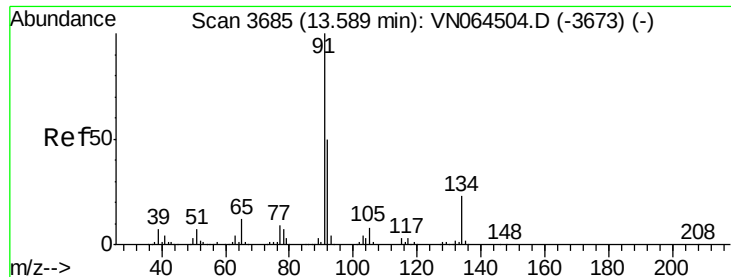
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#84
1,4-Dichlorobenzene
Concen: 18.560 ug/l
RT: 13.34 min Scan# 3607
Delta R.T. -0.00 min
Lab File: VN064521.D
Acq: 10 Nov 2020 13:23

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.0	21.8	65.4
148	63.5	31.5	94.5





#85

n-Butylbenzene

Concen: 18.225 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. -0.00 min

Lab File: VN064521.D

Acq: 10 Nov 2020 13:23

Instrument :

MSVOA_N

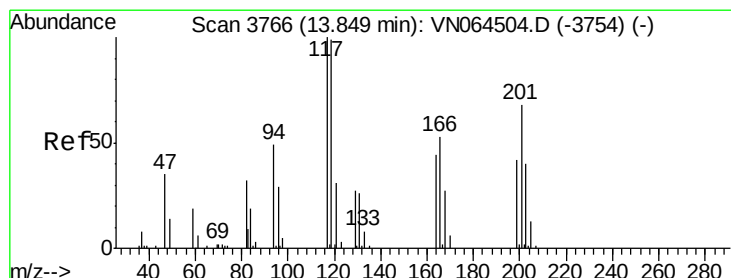
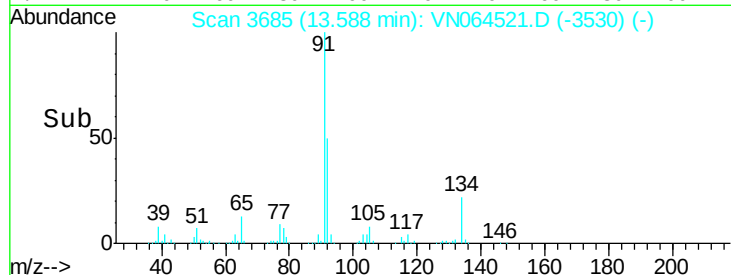
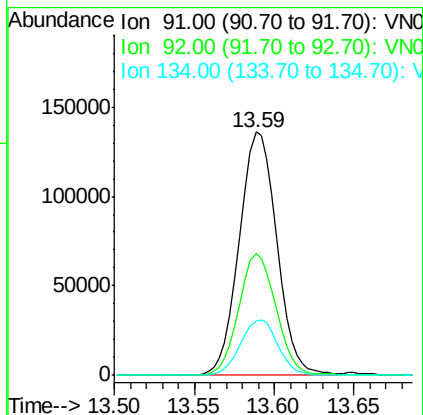
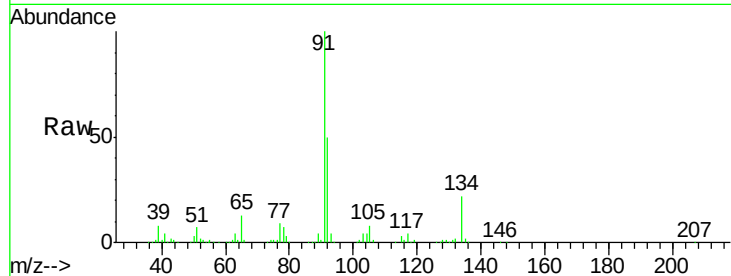
ClientSampleId :

VN1110WBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	217895		
92	49.4	0.0	101.4	
134	23.0	0.0	45.2	

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#86

Hexachloroethane

Concen: 18.980 ug/l

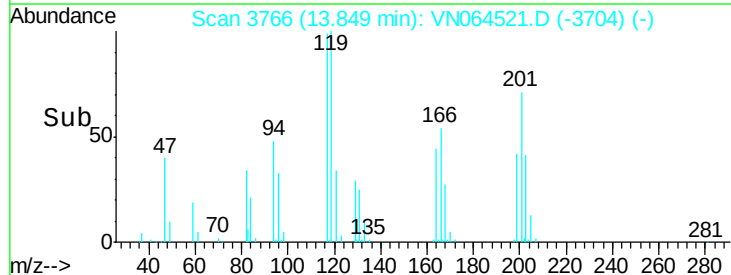
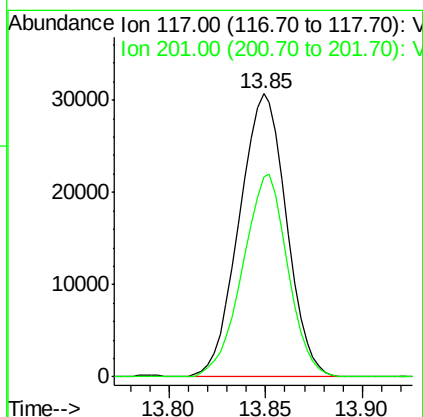
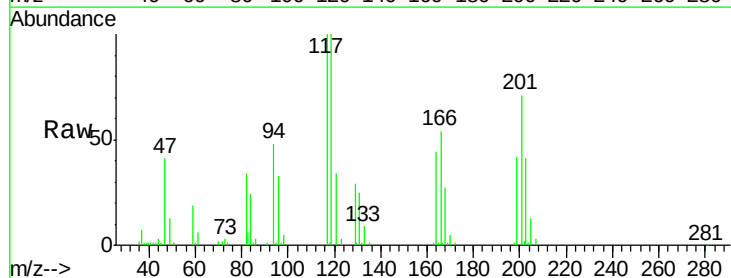
RT: 13.85 min Scan# 3766

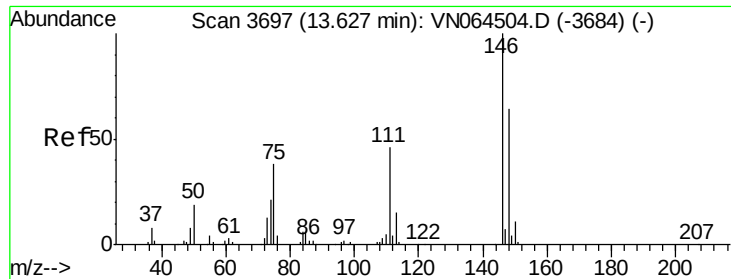
Delta R.T. -0.00 min

Lab File: VN064521.D

Acq: 10 Nov 2020 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	52157		
201	68.3	33.1	99.3	





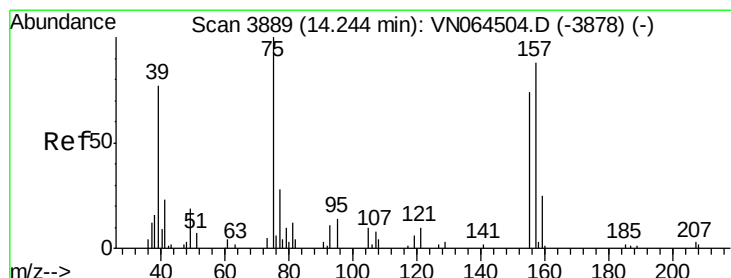
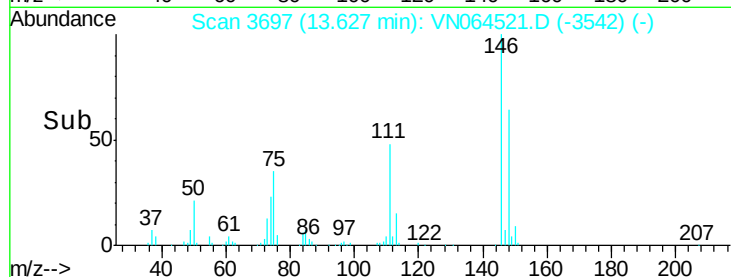
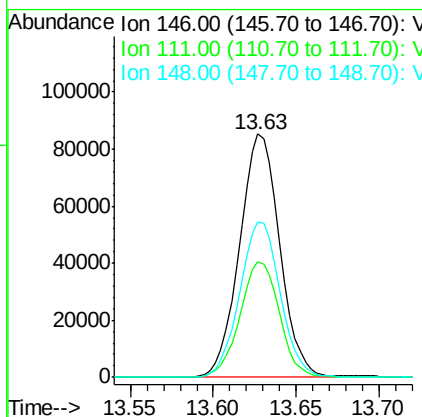
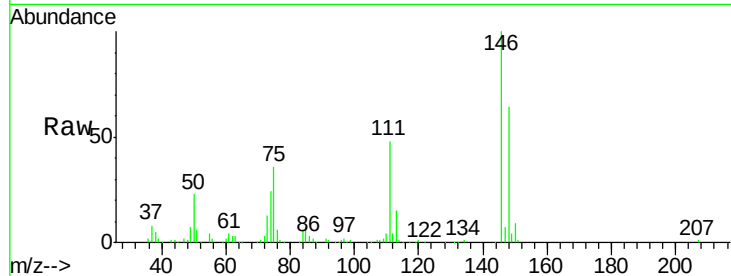
#87
 1,2-Dichlorobenzene
 Concen: 19.345 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. -0.00 min
 Lab File: VN064521.D
 Acq: 10 Nov 2020 13:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1110WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	46.8	23.1	69.2
148	64.3	32.6	97.8

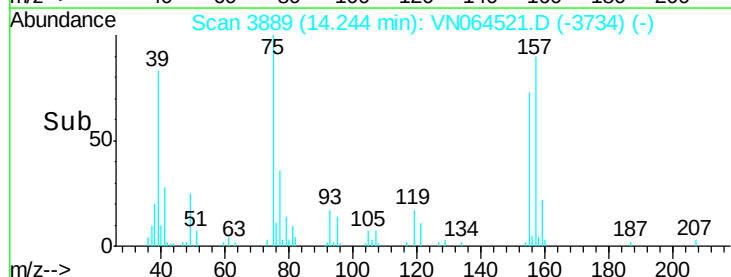
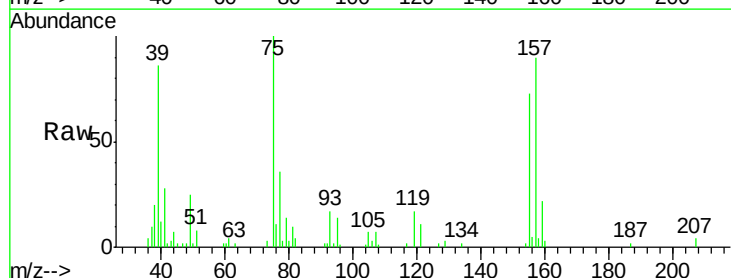
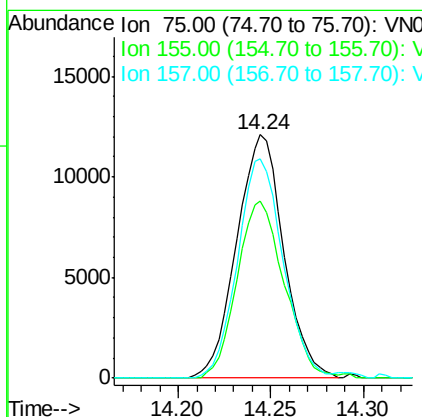
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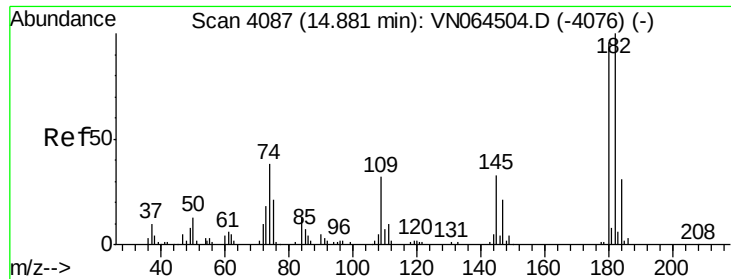
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 17.503 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. -0.00 min
 Lab File: VN064521.D
 Acq: 10 Nov 2020 13:23

Tgt Ion	Ratio	Lower	Upper
75	100		
155	72.8	56.5	84.7
157	87.4	69.7	104.5





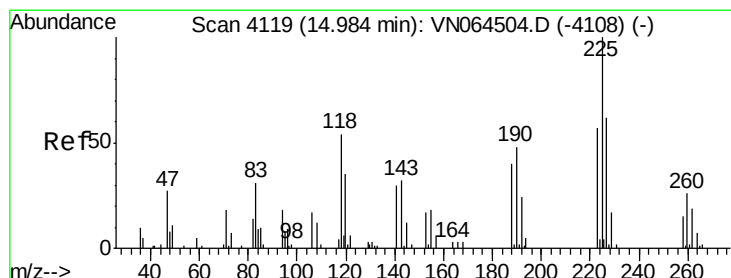
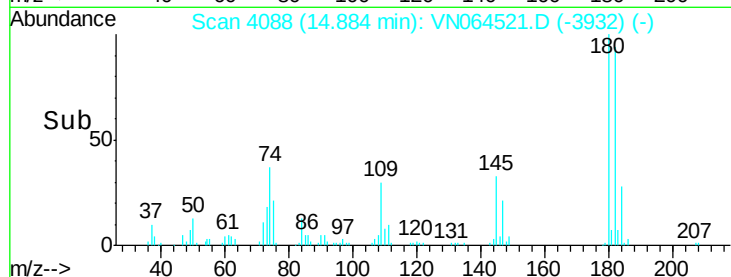
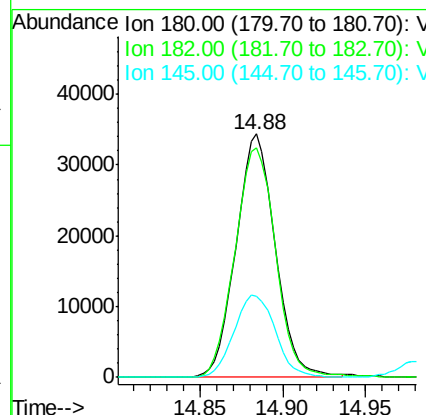
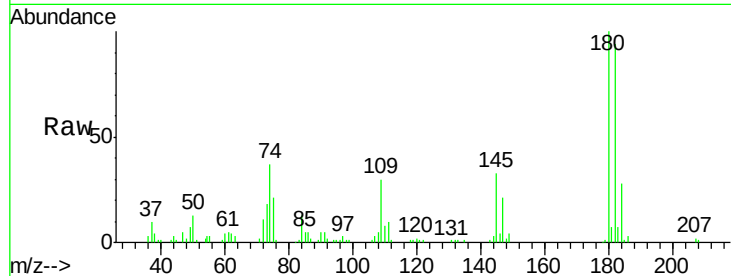
#89
1,2,4-Trichlorobenzene
Concen: 16.746 ug/l
RT: 14.88 min Scan# 4088
Delta R.T. 0.00 min
Lab File: VN064521.D
Acq: 10 Nov 2020 13:23

Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.9	79.4	119.0
145	35.6	27.6	41.4

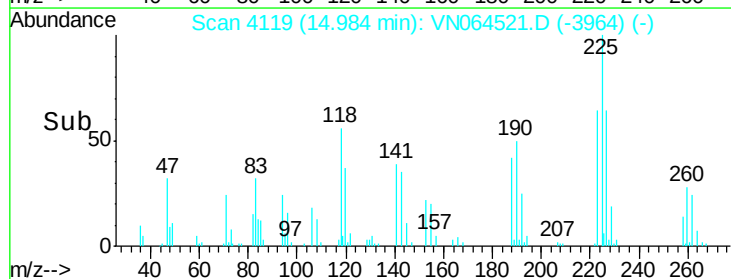
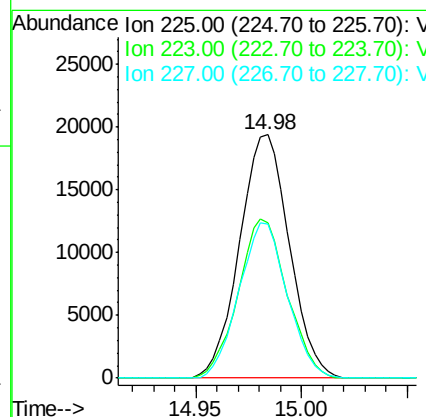
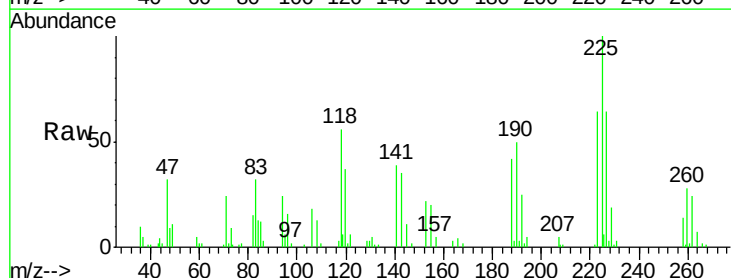
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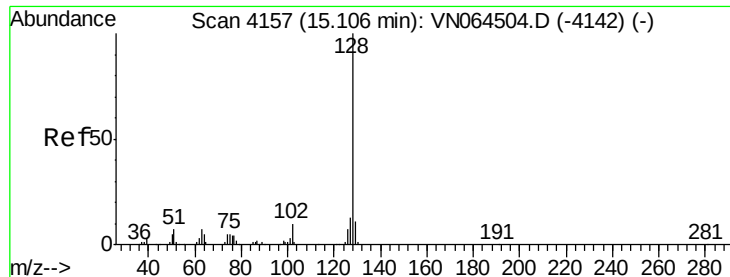
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#90
Hexachlorobutadiene
Concen: 18.917 ug/l
RT: 14.98 min Scan# 4119
Delta R.T. -0.00 min
Lab File: VN064521.D
Acq: 10 Nov 2020 13:23

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.1	0.0	125.4
227	61.7	0.0	122.0





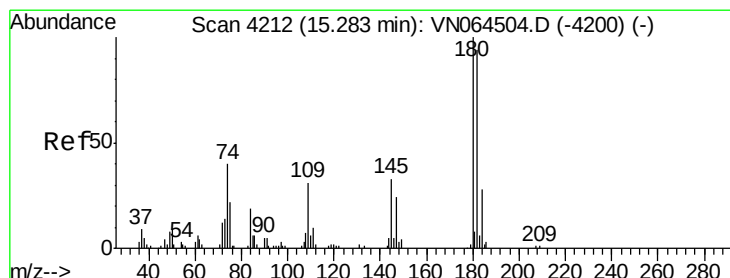
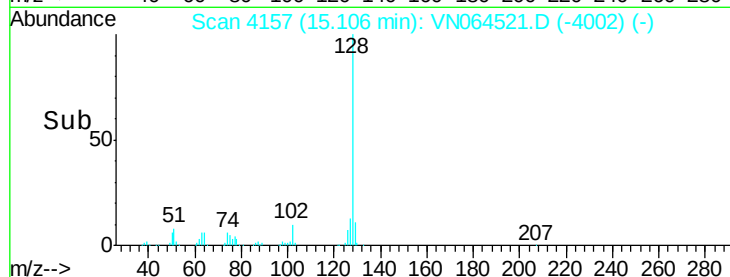
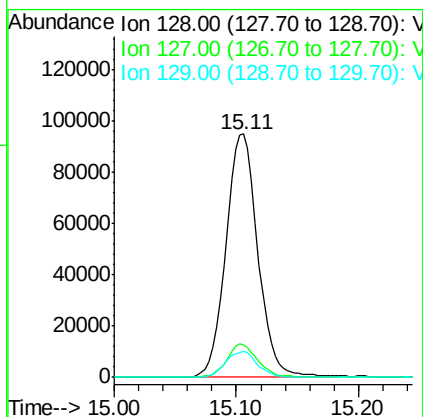
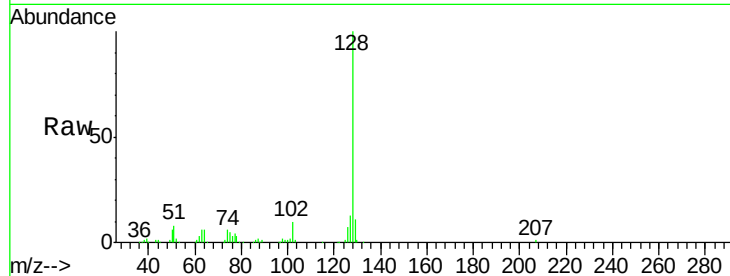
#91
Naphthalene
Concen: 15.580 ug/l
RT: 15.11 min Scan# 4157
Delta R.T. -0.00 min
Lab File: VN064521.D
Acq: 10 Nov 2020 13:23

Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01

Tot Ion:	128	Resp:	174351
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.2	15.4
129	10.6	8.5	12.7

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#92
1,2,3-Trichlorobenzene
Concen: 17.701 ug/l
RT: 15.29 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN064521.D
Acq: 10 Nov 2020 13:23

Tgt Ion:	180	Resp:	60600
Ion Ratio	Lower	Upper	
180	100		
182	96.8	0.0	186.0
145	34.7	0.0	69.6

