

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110220\
 Data File : VN064421.D
 Acq On : 2 Nov 2020 18:01
 Operator : JC/MD
 Sample : VN1102WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VN1102WBS01

Manual Integrations
 APPROVED

MMDadoda
 11/3/2020 2:20:55 PM

Quant Time: Nov 03 03:20:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N110220W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Nov 03 02:03:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.15	128	53303	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	296335	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	273696	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.99	65	137490	31.60	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	105.33%
60) 4-Bromofluorobenzene	12.37	95	135754	29.35	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	97.83%
63) Toluene-d8	10.06	98	366501	30.03	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.10%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.83	85	60825	17.742	ug/l 99
3) Chloromethane	2.04	50	64591	18.239	ug/l 98
4) Vinyl Chloride	2.16	62	68371	18.712	ug/l 100
5) Bromomethane	2.54	94	44736	18.759	ug/l 93
6) Chloroethane	2.68	64	40979	19.218	ug/l 100
7) Trichlorofluoromethane	2.99	101	114819	18.969	ug/l 95
8) Diethyl Ether	3.37	74	32975	17.756	ug/l 95
9) 1,1,2-Trichlorotrifluoroet	3.72	101	54599	18.123	ug/l 98
10) 1,1-Dichloroethene	3.70	96	52473	18.197	ug/l 88
11) Methyl Iodide	3.91	142	63686	16.454	ug/l 100
12) Methyl Acetate	4.28	43	54488	18.057	ug/l 91
13) Acrolein	3.57	56	29828	102.408	ug/l 94
14) Acrylonitrile	4.93	53	129015	95.028	ug/l 98
15) Acetone	3.77	58	34633	73.621	ug/l 92
16) Carbon Disulfide	4.01	76	143936	17.588	ug/l 98
17) Allyl chloride	4.28	41	92498	18.288	ug/l 96
18) Methylene Chloride	4.50	84	59387	17.799	ug/l 95
19) trans-1,2-Dichloroethene	4.99	96	56973	17.951	ug/l 96
20) Diisopropyl ether	5.90	45	203000	18.756	ug/l 98
21) 1,1-Dichloroethane	5.79	63	112938m	18.501	ug/l
22) cis-1,2-Dichloroethene	6.78	96	66942	17.800	ug/l 97
23) tert-Butyl Alcohol	4.73	59	50441	97.835	ug/l # 100
24) Methyl tert-Butyl Ether	4.98	73	189857	18.398	ug/l # 92
25) Chloroform	7.33	83	118755	18.162	ug/l 98
26) Cyclohexane	7.61	56	85444	17.673	ug/l # 99
29) 1,1-Dichloropropene	7.75	75	86764	18.199	ug/l 87
30) 2-Butanone	6.78	43	188583	87.127	ug/l 99
31) 2,2-Dichloropropane	6.77	77	105766	18.071	ug/l 97
32) 1,1,1-Trichloroethane	7.53	97	111610	17.858	ug/l 97
33) Carbon Tetrachloride	7.73	117	100548	17.859	ug/l 98
34) Benzene	8.00	78	244454	18.097	ug/l 98
35) Methacrylonitrile	7.12	41	34465	16.107	ug/l 95
36) 1,2-Dichloroethane	8.08	62	100798	18.044	ug/l 99
37) Trichloroethene	8.80	130	68447	18.049	ug/l 97
38) Methylcyclohexane	9.05	83	73753	17.055	ug/l 96
39) 1,2-Dichloropropane	9.08	63	65341	18.854	ug/l 100
40) Dibromomethane	9.17	93	47316	18.838	ug/l 96

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Quant Time: Nov 03 03:20:29 2020
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Nov 03 02:03:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.37	83	97342	18.347	ug/l	98
42) Vinyl Acetate	5.84	43	837177	91.365	ug/l	99
43) Ethyl Acetate	6.88	43	81062	19.340	ug/l #	80
44) Isopropyl Acetate	8.12	43	137038	18.380	ug/l #	90
45) 1,4-Dioxane	9.16	88	19214	367.253	ug/l	94
46) Methyl methacrylate	9.16	41	71415	19.402	ug/l	91
47) n-amyl Acetate	12.04	43	110307	17.395	ug/l	98
48) t-1,3-Dichloropropene	10.35	75	101948	17.411	ug/l	97
49) cis-1,3-Dichloropropene	9.80	75	108365	17.886	ug/l	97
50) 1,1,2-Trichloroethane	10.53	97	60211	17.853	ug/l	90
51) Ethyl methacrylate	10.40	69	83721	17.281	ug/l	99
52) 1,3-Dichloropropane	10.68	76	103463	18.192	ug/l	98
53) Dibromochloromethane	10.87	129	73634	17.775	ug/l	100
54) 1,2-Dibromoethane	10.97	107	63035	17.461	ug/l	98
55) 2-Chloroethyl vinyl ether	9.66	63	220245	84.583	ug/l	99
56) Bromoform	12.10	173	50489	17.279	ug/l	100
58) 4-Methyl-2-Pentanone	9.95	43	394497	91.063	ug/l	99
59) 2-Hexanone	10.72	43	280744	87.070	ug/l	99
61) Tetrachloroethene	10.60	164	65219	17.578	ug/l	97
62) Toluene	10.12	91	270267	17.629	ug/l	99
64) Chlorobenzene	11.41	112	168497	17.557	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.48	131	67924	18.216	ug/l	98
66) Ethyl Benzene	11.48	91	297178	17.567	ug/l	96
67) m/p-Xylenes	11.59	106	223277	35.091	ug/l	98
68) o-Xylene	11.92	106	106096	17.303	ug/l	96
69) Styrene	11.94	104	179998	17.605	ug/l	97
70) Isopropylbenzene	12.22	105	276986	17.461	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.48	83	77720	17.618	ug/l	94
72) 1,2,3-Trichloropropane	12.53	75	82549m	17.923	ug/l	
73) Bromobenzene	12.50	156	71355	17.337	ug/l	96
74) n-propylbenzene	12.56	91	301258	17.319	ug/l	98
75) 2-Chlorotoluene	12.65	91	189349	17.184	ug/l	96
76) 1,3,5-Trimethylbenzene	12.70	105	225908	17.288	ug/l	99
77) t-1,4-Dichloro-2-butene	12.27	75	26887	16.560	ug/l	95
78) 4-Chlorotoluene	12.75	91	193462	16.994	ug/l	98
79) tert-butylbenzene	12.96	119	185910	17.788	ug/l	100
80) 1,2,4-Trimethylbenzene	13.01	105	225016	16.996	ug/l	99
81) sec-Butylbenzene	13.14	105	224963	17.064	ug/l	100
82) p-Isopropyltoluene	13.26	119	201708	16.651	ug/l	99
83) 1,3-Dichlorobenzene	13.25	146	118689	16.974	ug/l	96
84) 1,4-Dichlorobenzene	13.33	146	114145	16.206	ug/l	97
85) n-Butylbenzene	13.59	91	158438	16.386	ug/l	99
86) Hexachloroethane	13.85	117	38011	16.733	ug/l	97
87) 1,2-Dichlorobenzene	13.63	146	115004	17.035	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	14.24	75	16927	17.813	ug/l	93
89) 1,2,4-Trichlorobenzene	14.88	180	50462	15.286	ug/l	98
90) Hexachlorobutadiene	14.98	225	29198	16.618	ug/l	98
91) Naphthalene	15.10	128	145522	14.838	ug/l	98
92) 1,2,3-Trichlorobenzene	15.28	180	51144	15.667	ug/l	99

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ALS Vial : 12 Sample Multiplier: 1

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MSVOA_N
ClientSampleId :
VN1102WBS01

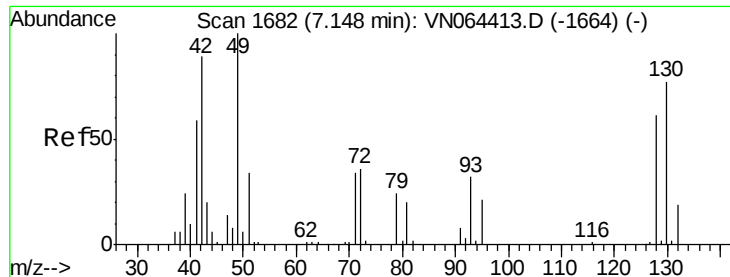
Manual Integrations
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QLast Update : Tue Nov 03 02:03:38 2020
Response via : Initial Calibration

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



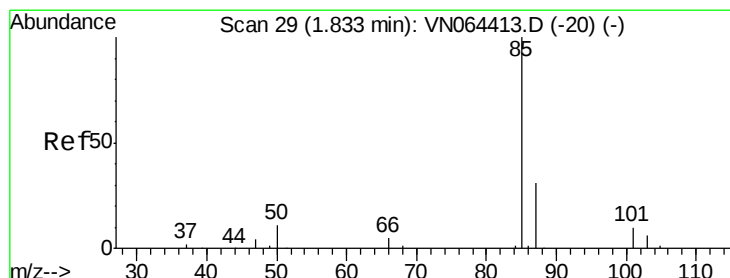
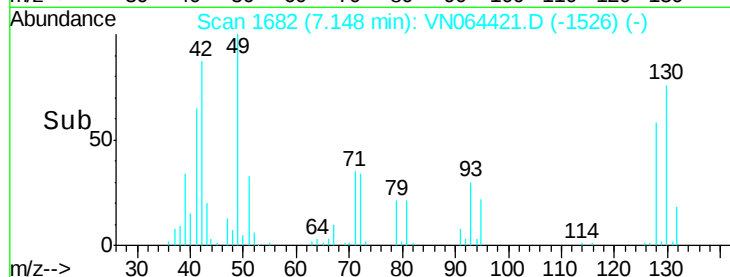
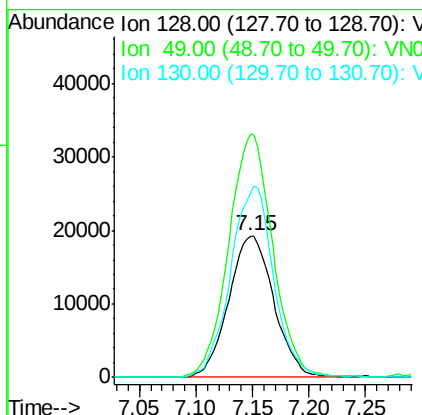
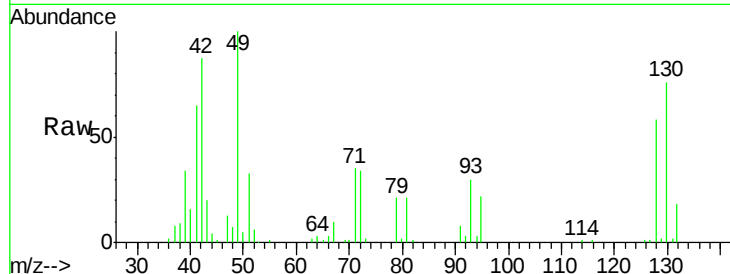
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.15 min Scan# 1682
Delta R.T. 0.00 min
Lab File: VN064421.D
Acq: 2 Nov 2020 18:01

Instrument :
MSVOA_N
ClientSampleId :
VN1102WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
49	168.1	0.0	423.5
130	129.9	0.0	325.0

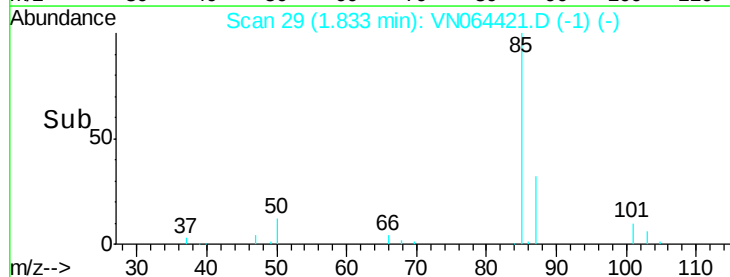
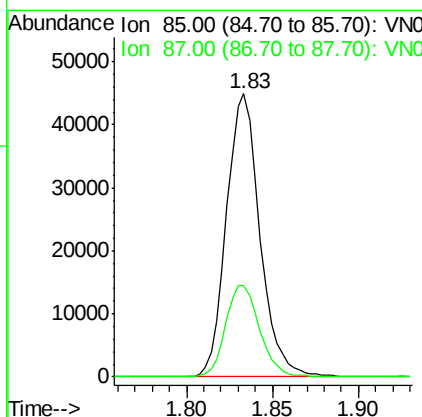
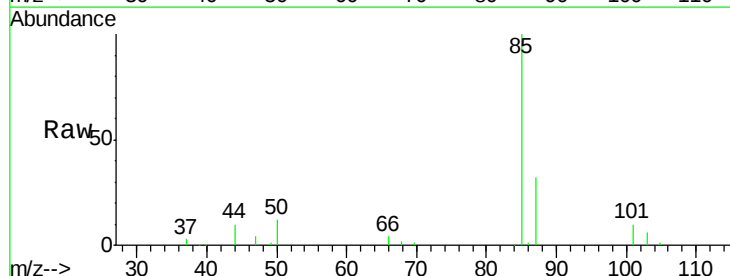
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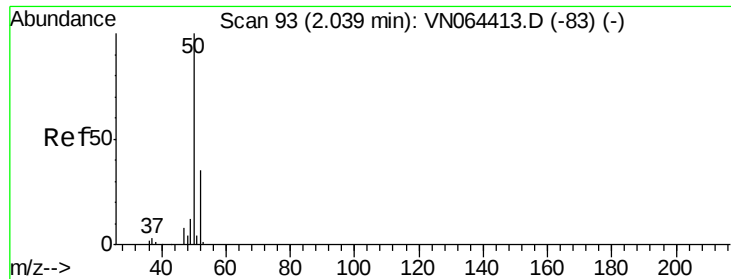
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#2
Dichlorodifluoromethane
Concen: 17.742 ug/l
RT: 1.83 min Scan# 29
Delta R.T. 0.00 min
Lab File: VN064421.D
Acq: 2 Nov 2020 18:01

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.1	15.7	47.1





#3

Chloromethane

Concen: 18.239 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN064421.D

Acq: 2 Nov 2020 18:01

Instrument :

MSVOA_N

ClientSampleId :

VN1102WBS01

Tot Ion: 50 Resp: 64591

Ion Ratio Lower Upper

50 100

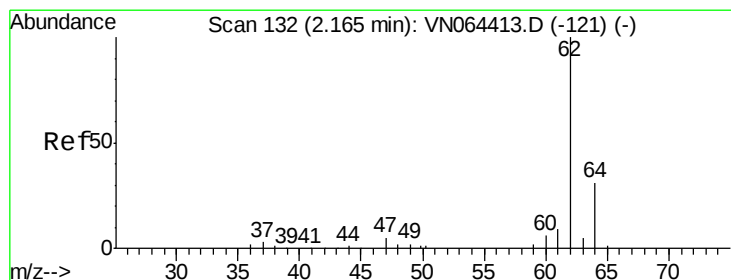
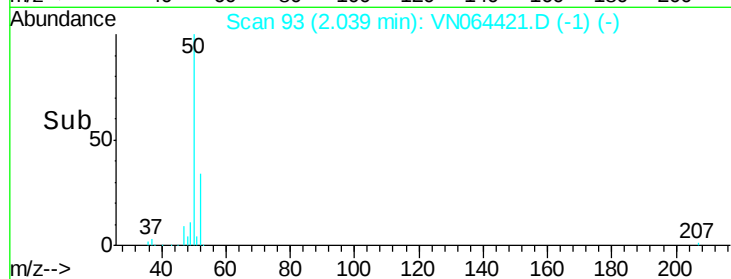
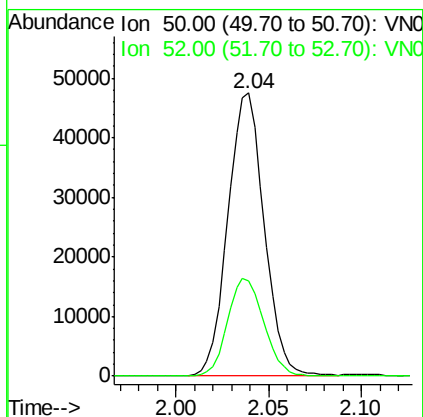
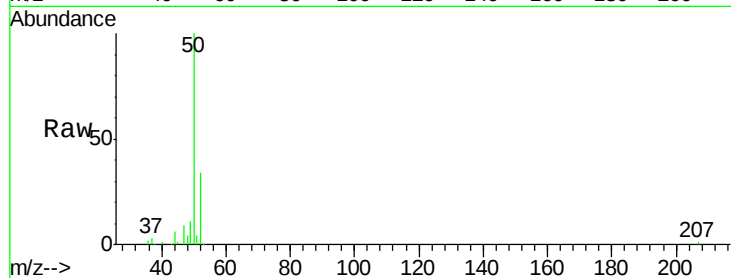
52 33.6 27.7 41.5

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#4

Vinyl Chloride

Concen: 18.712 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN064421.D

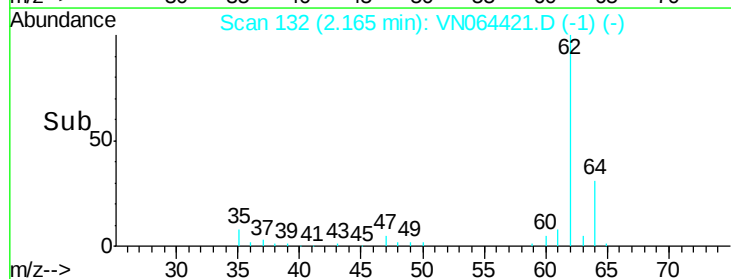
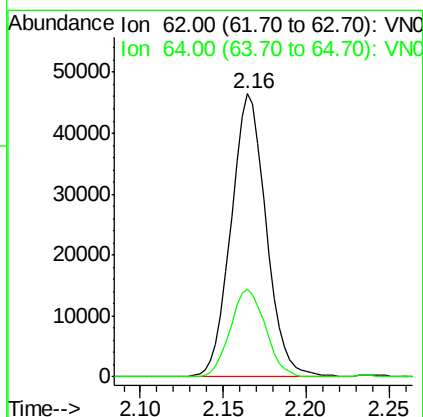
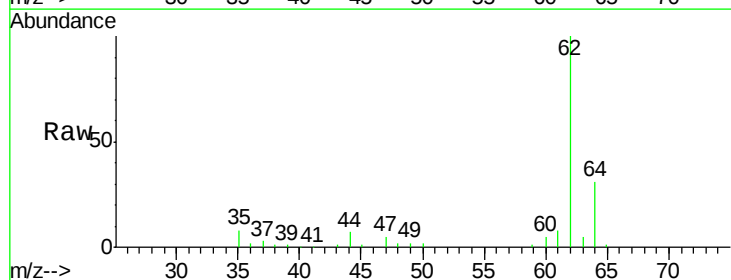
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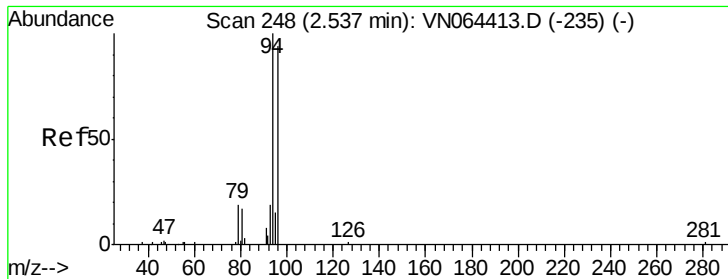
Tgt Ion: 62 Resp: 68371

Ion Ratio Lower Upper

62 100

64 30.8 24.5 36.7





#5

Bromomethane

Concen: 18.759 ug/l

RT: 2.54 min Scan# 248

Delta R.T. 0.00 min

Lab File: VN064421.D

Acq: 2 Nov 2020 18:01

Instrument :

MSVOA_N

ClientSampleId :

VN1102WBS01

Tot Ion: 94 Resp: 44736

Ion Ratio Lower Upper

94 100

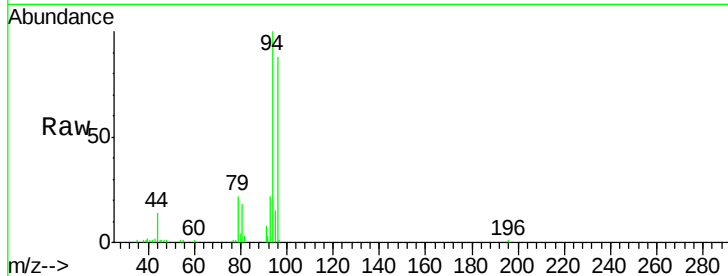
96 87.5 75.2 112.8

Manual Integrations

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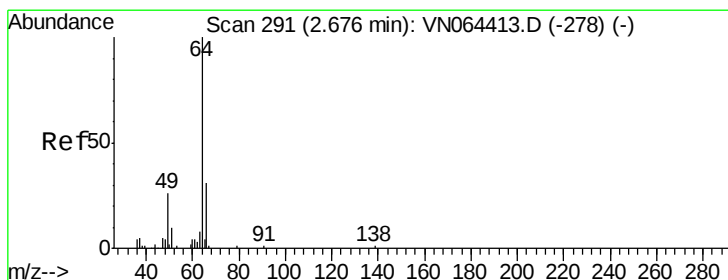
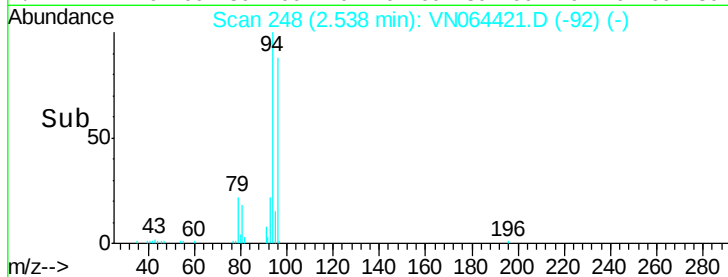
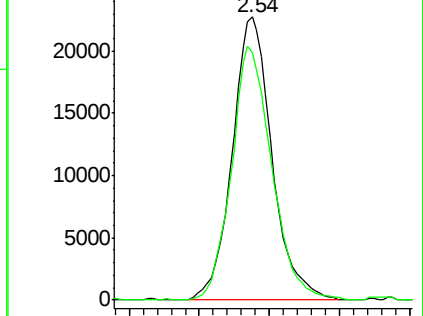
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Abundance Ion 94.00 (93.70 to 94.70): VN0

Ion 96.00 (95.70 to 96.70): VN0



#6

Chloroethane

Concen: 19.218 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN064421.D

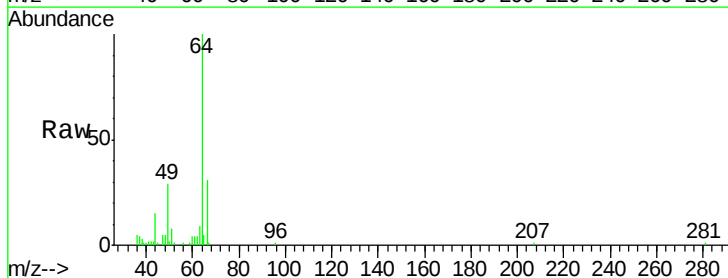
Acq: 2 Nov 2020 18:01

Tgt Ion: 64 Resp: 40979

Ion Ratio Lower Upper

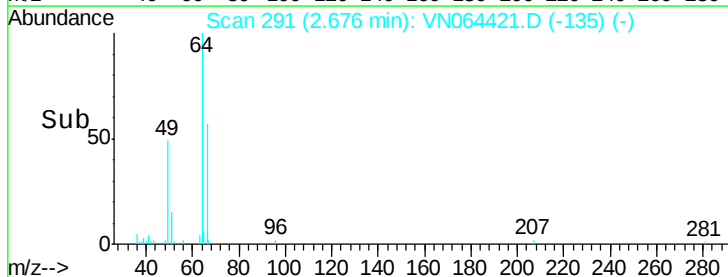
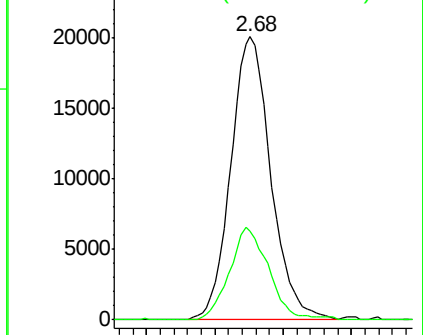
64 100

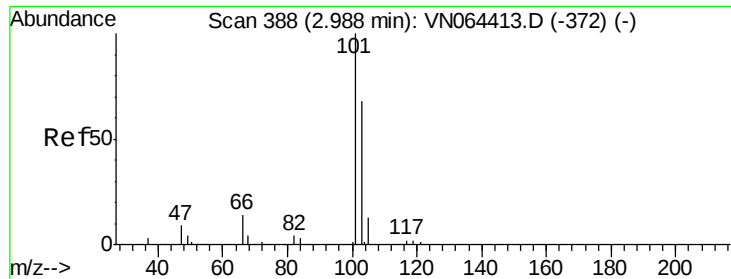
66 31.2 25.0 37.4



Abundance Ion 64.00 (63.70 to 64.70): VN0

Ion 66.00 (65.70 to 66.70): VN0





#7

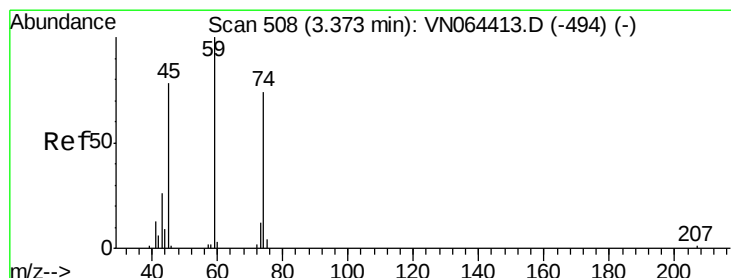
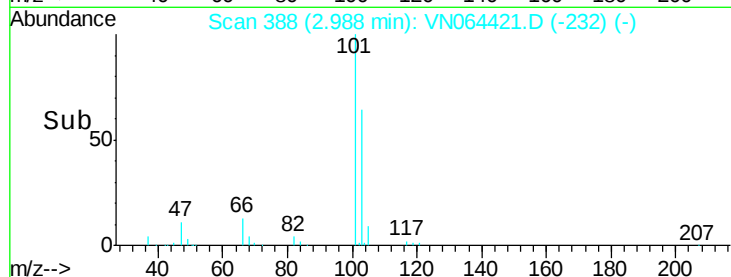
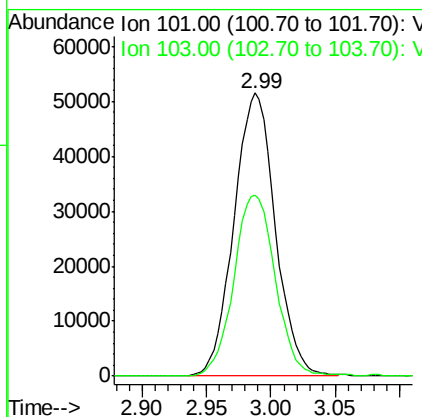
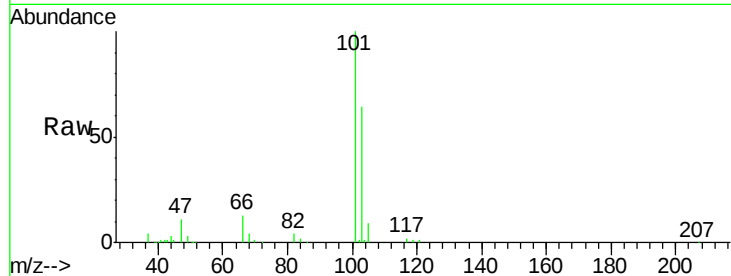
Trichlorofluoromethane
Concen: 18.969 ug/l
RT: 2.99 min Scan# 388
Delta R.T. 0.00 min
Lab File: VN064421.D
Acq: 2 Nov 2020 18:01

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VN1102WBS01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	114819		
103	64.1	54.6	81.8	

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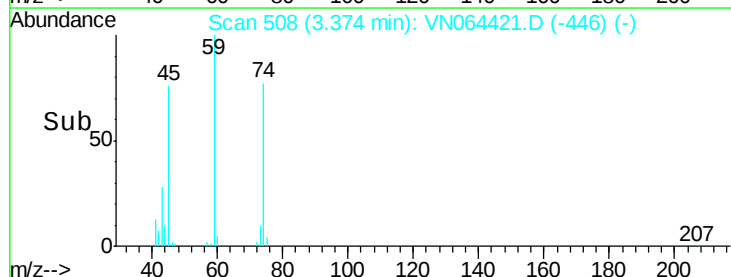
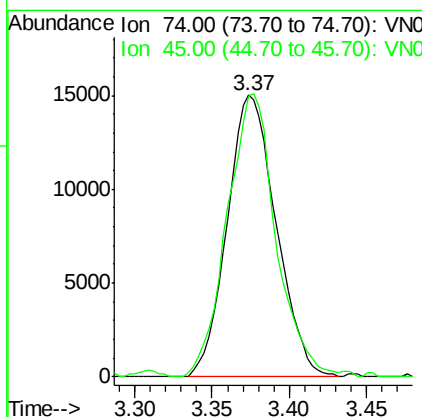
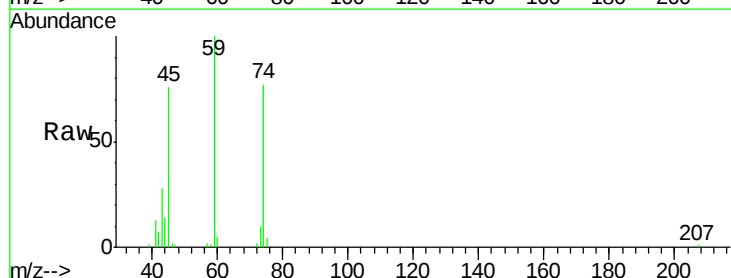
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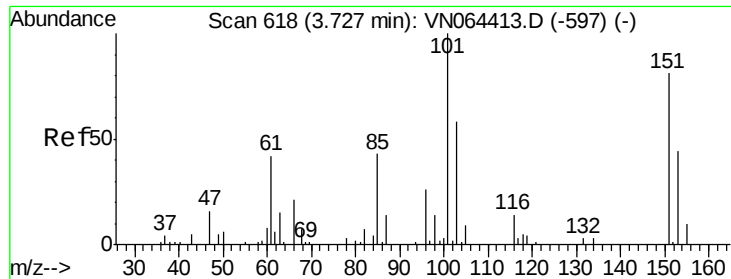


#8

Diethyl Ether
Concen: 17.756 ug/l
RT: 3.37 min Scan# 508
Delta R.T. 0.00 min
Lab File: VN064421.D
Acq: 2 Nov 2020 18:01

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	32975		
45	100.3	21.2	190.6	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.123 ug/l

RT: 3.72 min Scan# 615

Delta R.T. -0.01 min

Lab File: VN064421.D

Acq: 2 Nov 2020 18:01

Instrument :

MSVOA_N

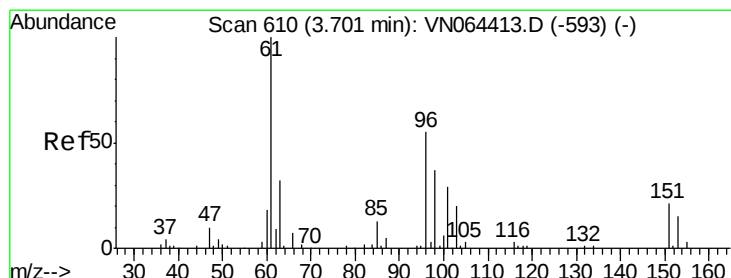
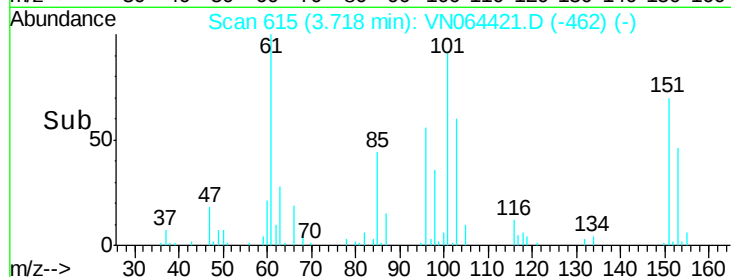
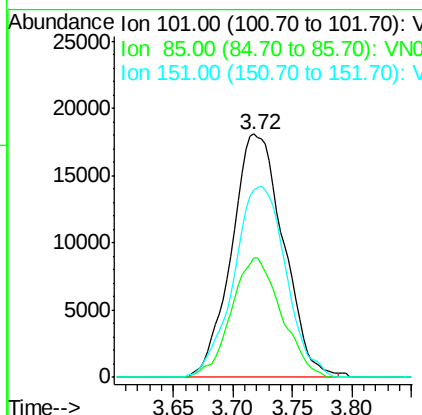
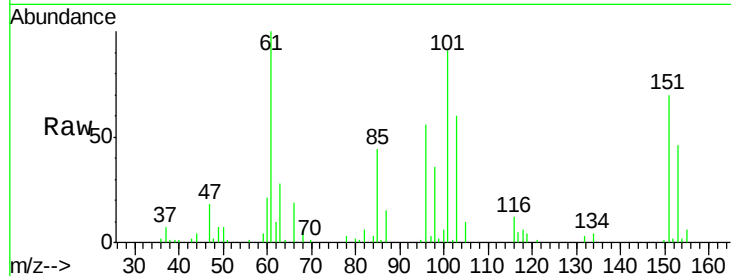
ClientSampleId :

VN1102WBS01

Tot Ion:	101	Resp:	54599
Ion Ratio	Lower	Upper	
101	100		
85	47.2	0.0	89.6
151	79.0	0.0	158.8

Manual Integrations
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#10

1,1-Dichloroethene

Concen: 18.197 ug/l

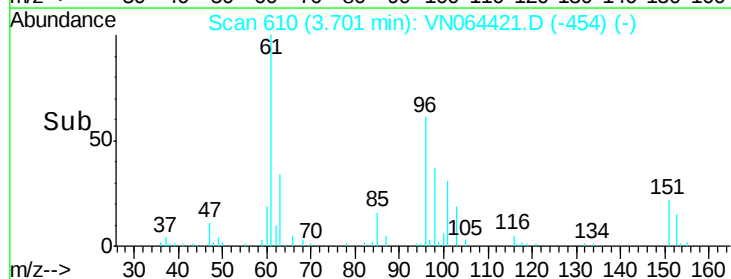
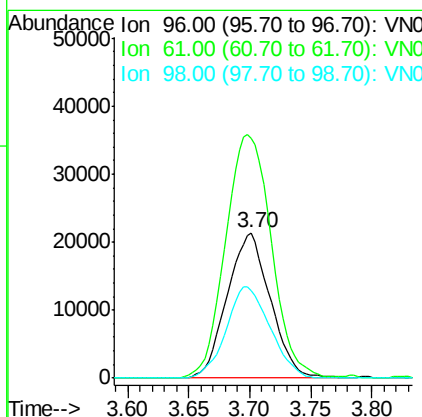
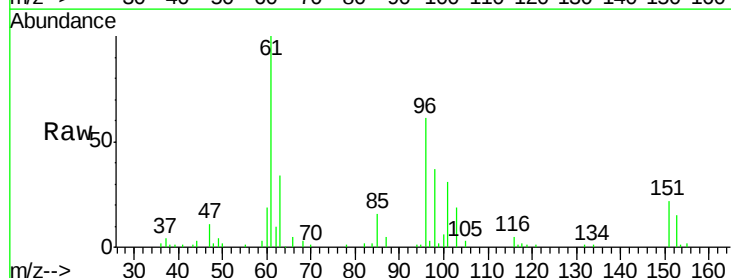
RT: 3.70 min Scan# 610

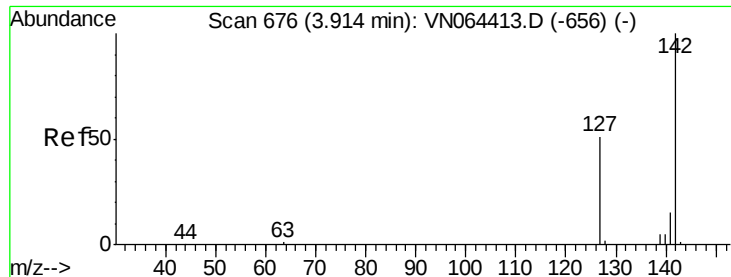
Delta R.T. 0.00 min

Lab File: VN064421.D

Acq: 2 Nov 2020 18:01

Tgt Ion:	96	Resp:	52473
Ion Ratio	Lower	Upper	
96	100		
61	163.8	145.6	218.4
98	60.2	53.9	80.9





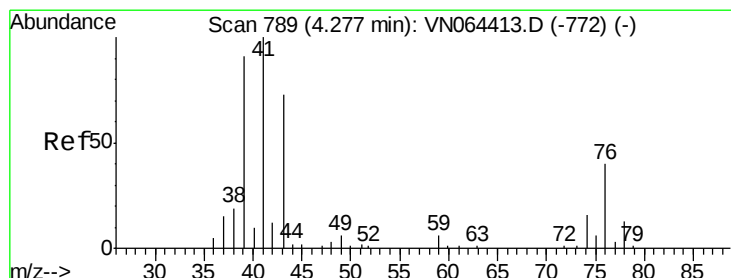
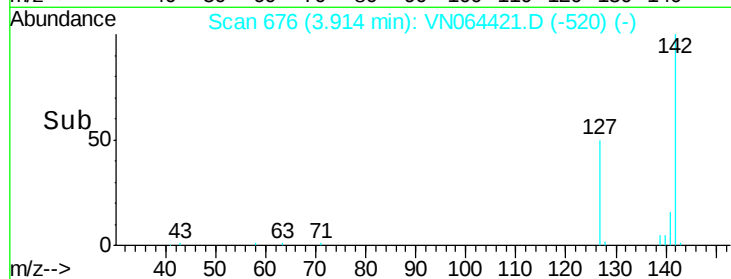
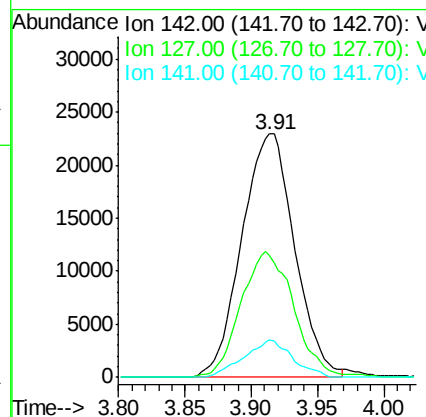
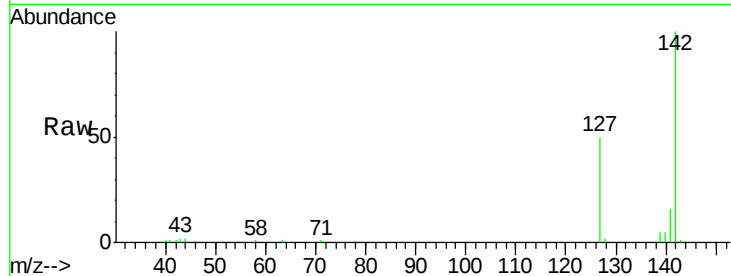
#11
Methyl Iodide
Concen: 16.454 ug/l
RT: 3.91 min Scan# 676
Delta R.T. 0.00 min
Lab File: VN064421.D
Acq: 2 Nov 2020 18:01

Instrument :
MSVOA_N
ClientSampleId :
VN1102WBS01

Tot Ion	Ratio	Lower	Upper
142	100		
127	50.6	25.4	76.2
141	15.9	7.8	23.3

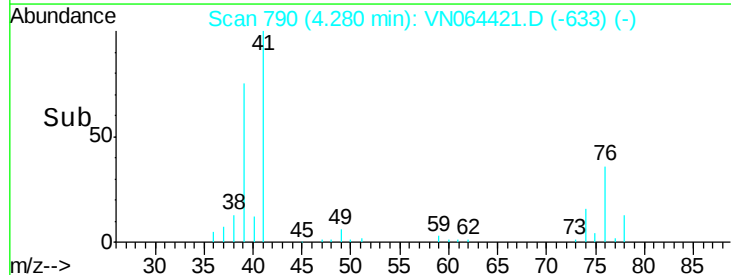
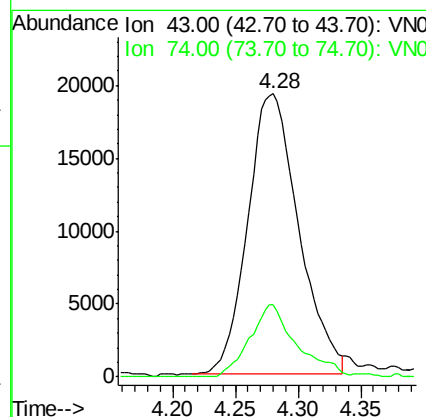
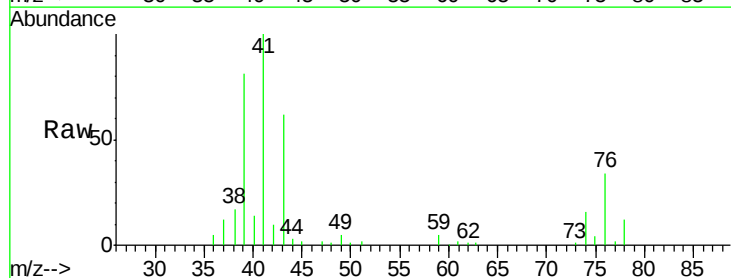
Manual Integrations
APPROVED

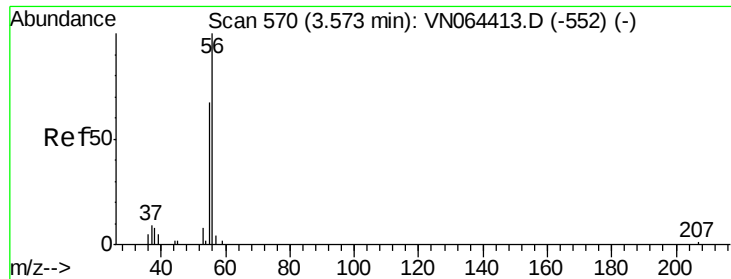
MMDadoda
11/3/2020 2:20:55 PM



#12
Methyl Acetate
Concen: 18.057 ug/l
RT: 4.28 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN064421.D
Acq: 2 Nov 2020 18:01

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.6	17.1	25.7





#13

Acrolein

Concen: 102.408 ug/l

RT: 3.57 min Scan# 568

Delta R.T. -0.01 min

Lab File: VN064421.D

Acq: 2 Nov 2020 18:01

Instrument :

MSVOA_N

ClientSampleId :

VN1102WBS01

Tot Ion: 56 Resp: 29828

Ion Ratio Lower Upper

56 100

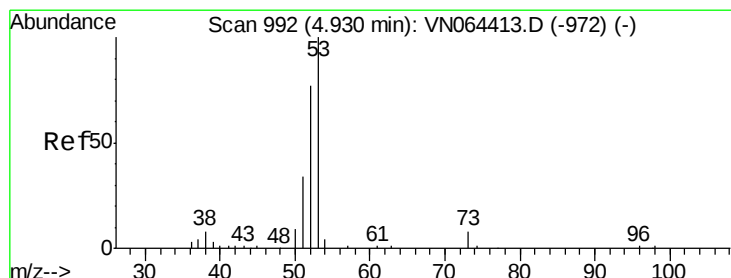
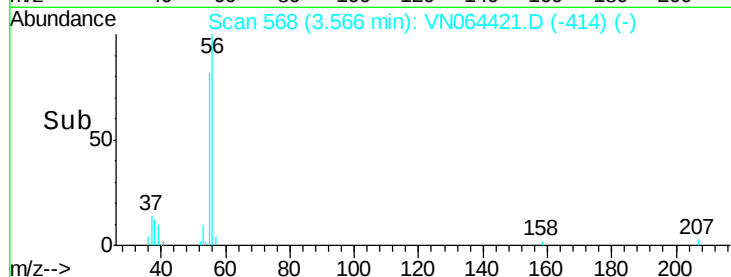
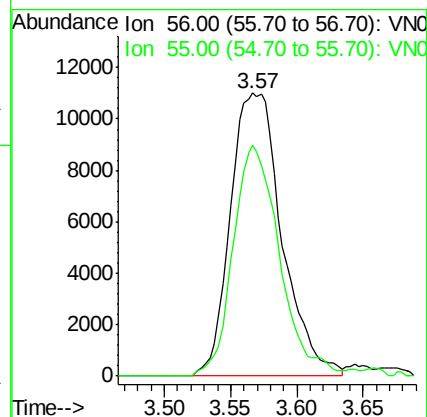
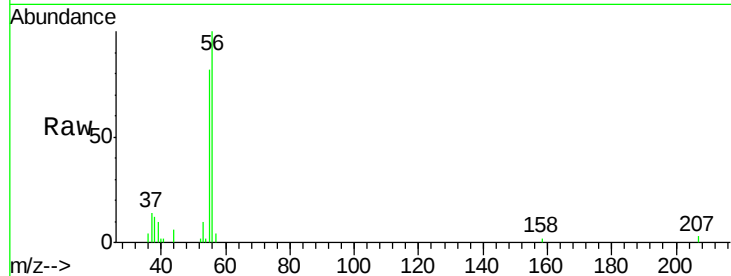
55 71.0 53.1 79.7

Manual Integrations

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#14

Acrylonitrile

Concen: 95.028 ug/l

RT: 4.93 min Scan# 993

Delta R.T. 0.00 min

Lab File: VN064421.D

Acq: 2 Nov 2020 18:01

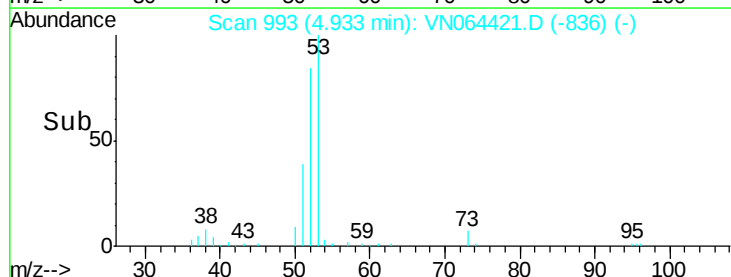
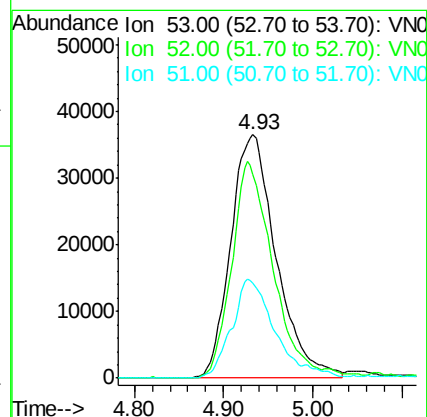
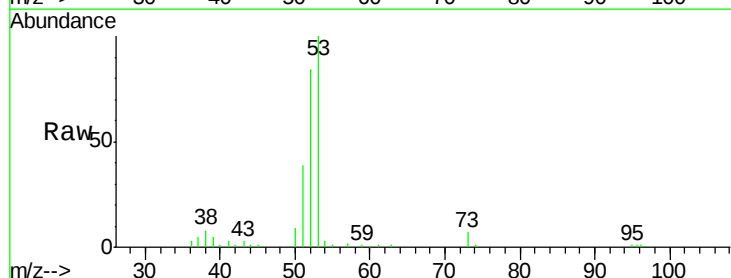
Tgt Ion: 53 Resp: 129015

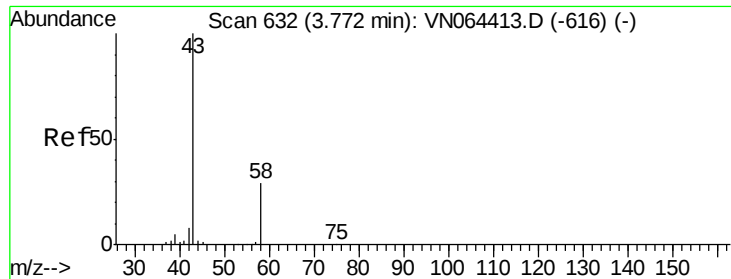
Ion Ratio Lower Upper

53 100

52 79.7 41.1 123.3

51 36.5 17.8 53.3





#15

Acetone

Concen: 73.621 ug/l

RT: 3.77 min Scan# 632

Delta R.T. 0.00 min

Lab File: VN064421.D

Acq: 2 Nov 2020 18:01

Tot Ion: 58 Resp: 34633

Ion Ratio Lower Upper

58 100

43 361.9 276.1 414.1

Instrument :

MSVOA_N

ClientSampled :

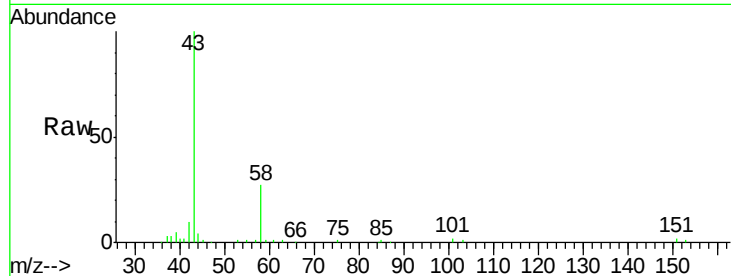
VN1102WBS01

Manual Integrations

APPROVED

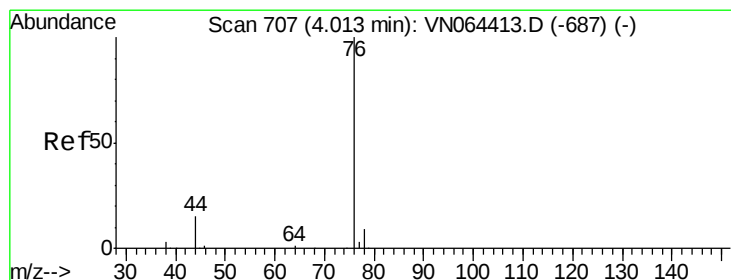
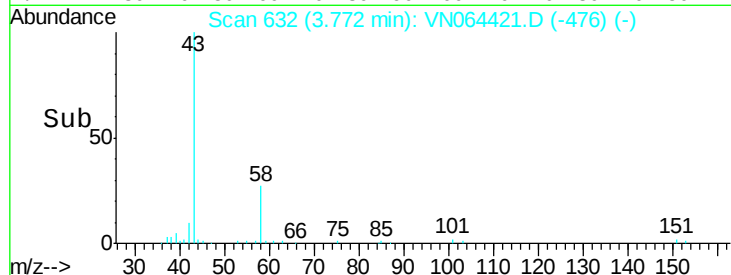
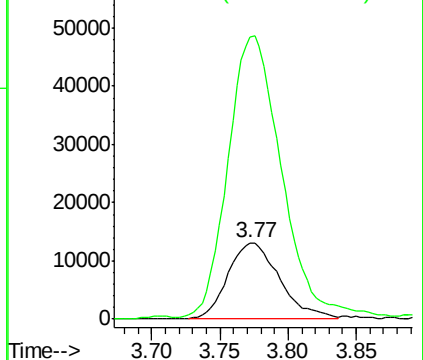
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Abundance Ion 58.00 (57.70 to 58.70): VN0

Ion 43.00 (42.70 to 43.70): VN0



#16

Carbon Disulfide

Concen: 17.588 ug/l

RT: 4.01 min Scan# 706

Delta R.T. -0.00 min

Lab File: VN064421.D

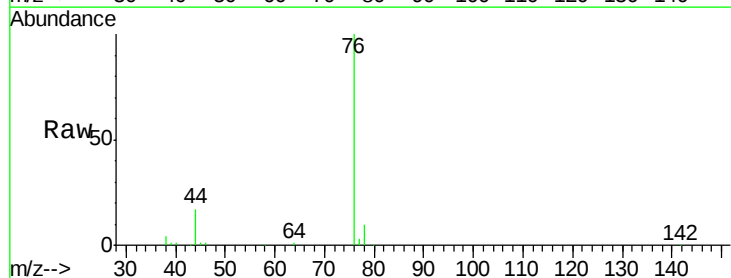
Acq: 2 Nov 2020 18:01

Tgt Ion: 76 Resp: 143936

Ion Ratio Lower Upper

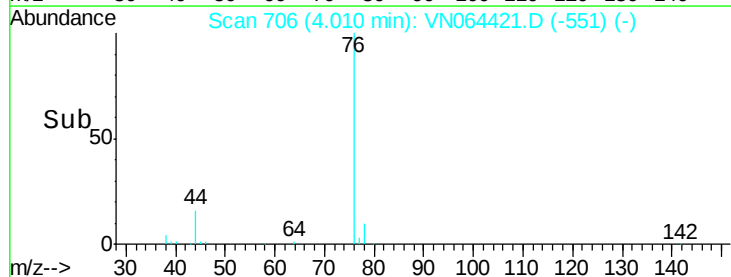
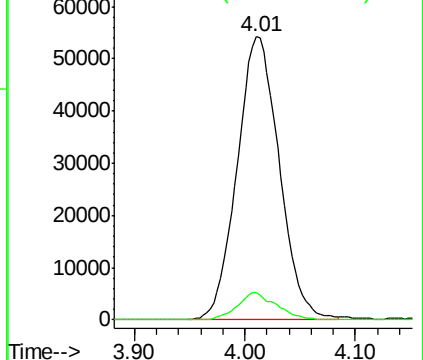
76 100

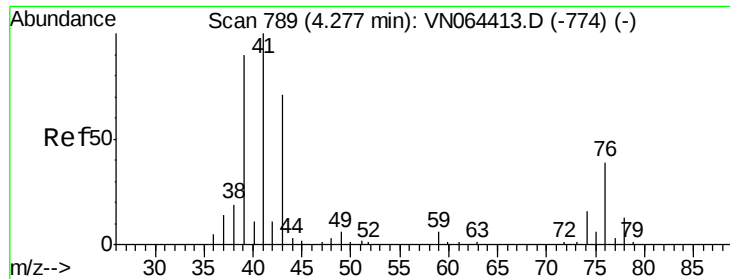
78 9.6 7.0 10.6



Abundance Ion 76.00 (75.70 to 76.70): VN0

Ion 78.00 (77.70 to 78.70): VN0





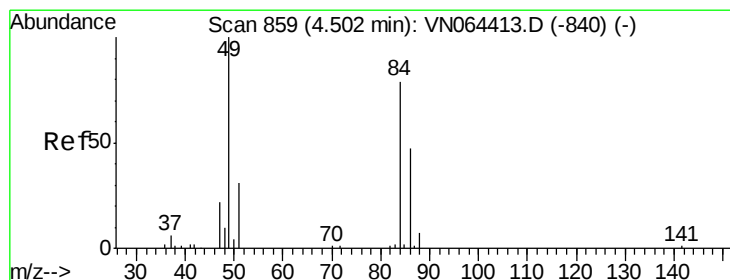
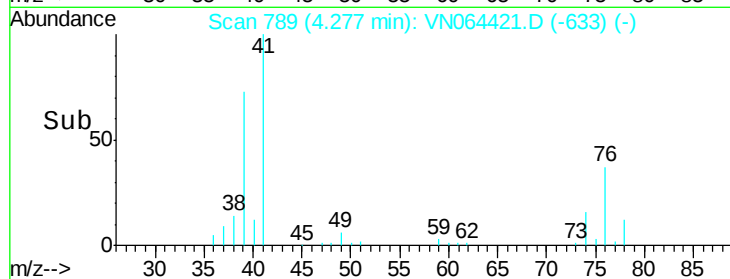
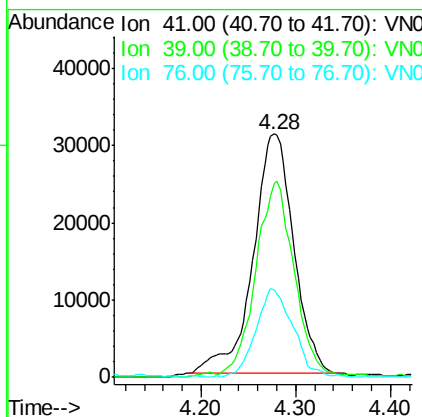
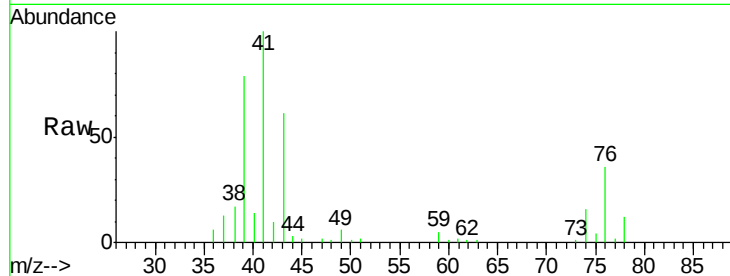
#17
Allvl chloride
Concen: 18.288 ug/l
RT: 4.28 min Scan# 789
Delta R.T. 0.00 min
Lab File: VN064421.D
Acq: 2 Nov 2020 18:01

Instrument :
MSVOA_N
ClientSampleId :
VN1102WBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	80.7	42.3	126.8
76	36.0	18.6	55.8

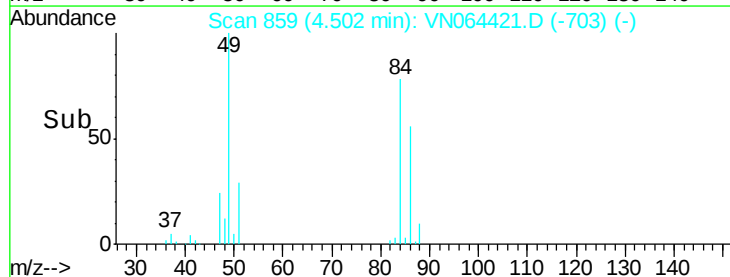
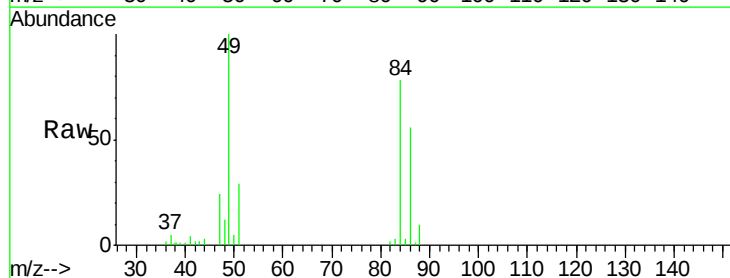
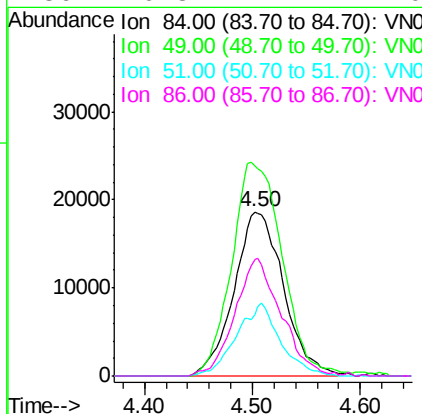
Manual Integrations
APPROVED

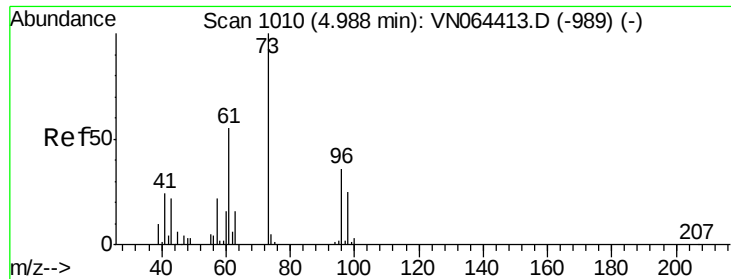
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#18
Methylene Chloride
Concen: 17.799 ug/l
RT: 4.50 min Scan# 859
Delta R.T. 0.00 min
Lab File: VN064421.D
Acq: 2 Nov 2020 18:01

Tgt Ion	Ratio	Lower	Upper
84	100		
49	127.5	101.0	151.4
51	37.2	31.2	46.8
86	70.8	47.4	71.0





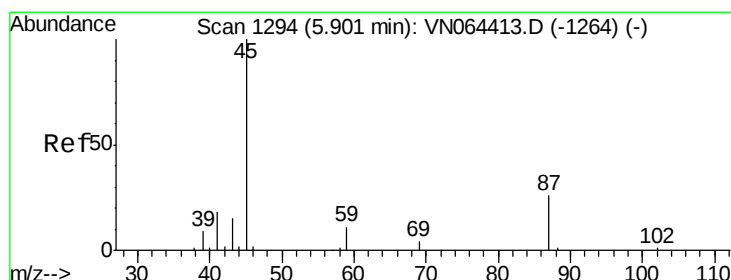
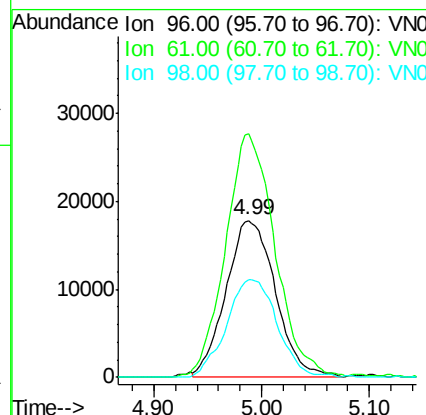
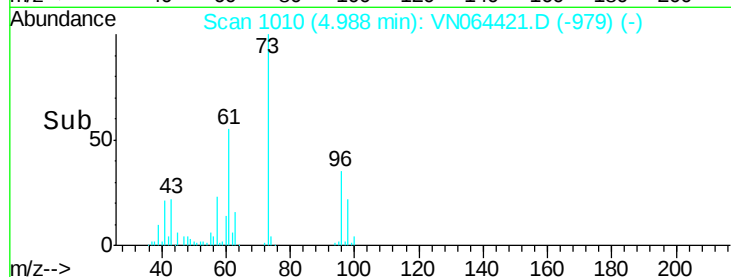
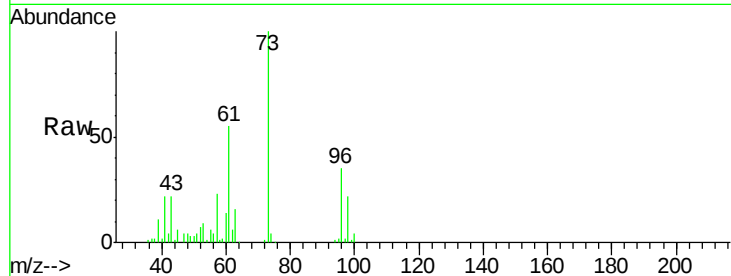
#19
trans-1,2-Dichloroethene
Concen: 17.951 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. 0.00 min
Lab File: VN064421.D
Acq: 2 Nov 2020 18:01

Instrument :
MSVOA_N
ClientSampleId :
VN1102WBS01

Tot Ion	Ion	Ratio	Lower	Upper
96	100			
61	153.6	121.4	182.0	
98	62.6	55.5	83.3	

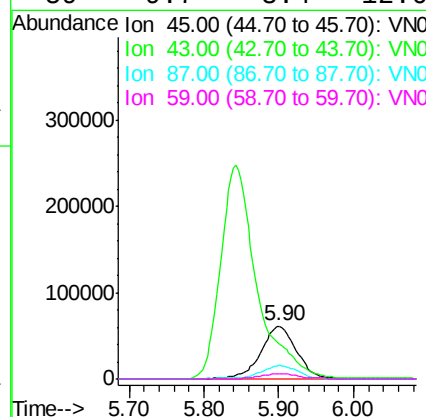
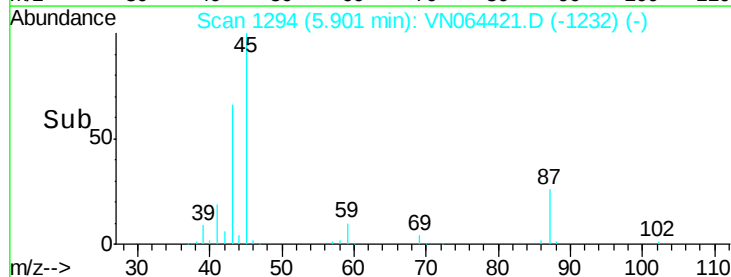
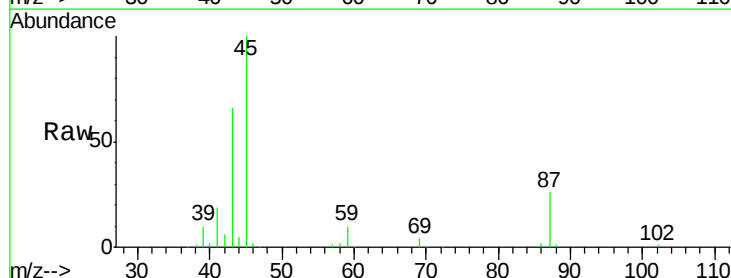
Manual Integrations
APPROVED

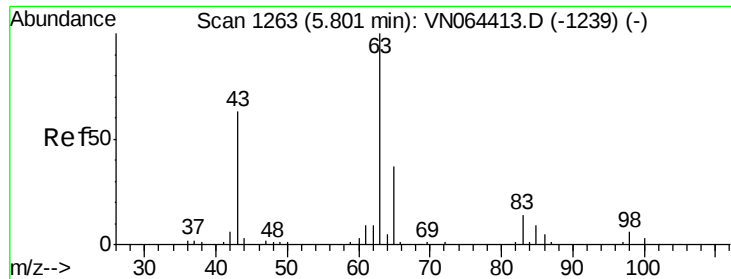
MMDadoda
11/3/2020 2:20:55 PM



#20
Diisopropyl ether
Concen: 18.756 ug/l
RT: 5.90 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VN064421.D
Acq: 2 Nov 2020 18:01

Tgt Ion	Ion	Ratio	Lower	Upper
45	100			
43	63.9	49.6	74.4	
87	25.7	21.0	31.6	
59	9.7	8.4	12.6	





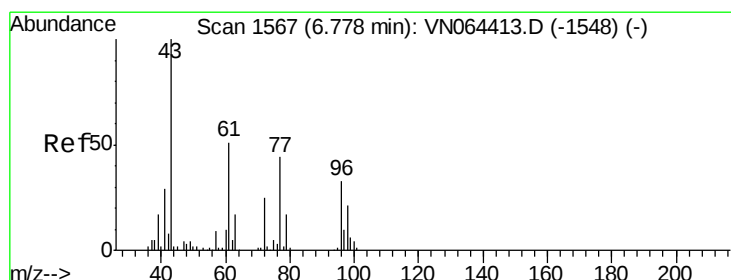
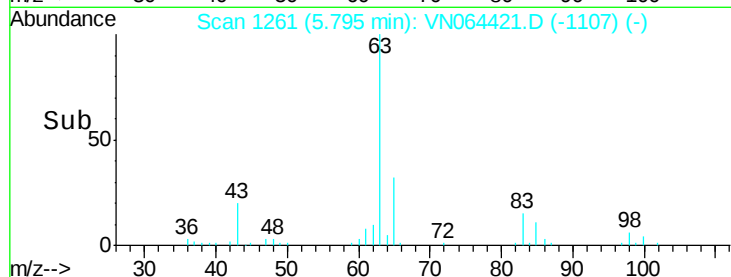
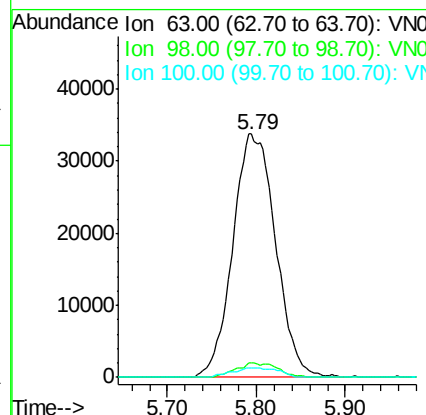
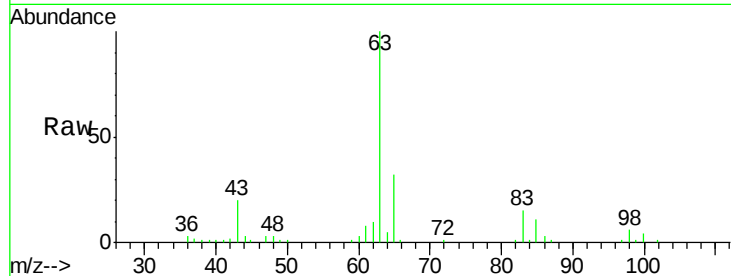
#21
1,1-Dichloroethane
Concen: 18.501 ug/l m
RT: 5.79 min Scan# 1261
Delta R.T. -0.01 min
Lab File: VN064421.D
Acq: 2 Nov 2020 18:01

Instrument :
MSVOA_N
ClientSampleId :
VN1102WBS01

Tot Ion	Ratio	Resp	Lower	Upper
63	100			
98	6.2	2.9	8.8	
100	3.6	1.5	4.5	

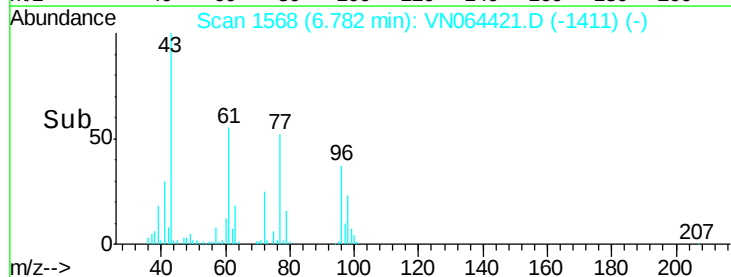
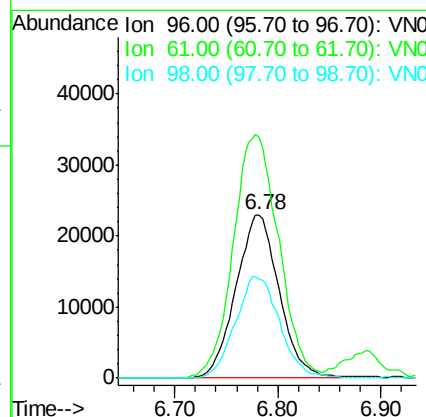
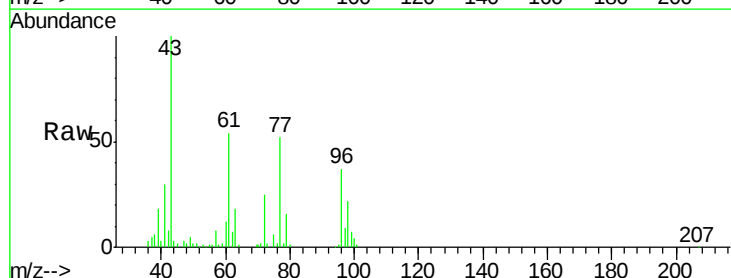
Manual Integrations
APPROVED

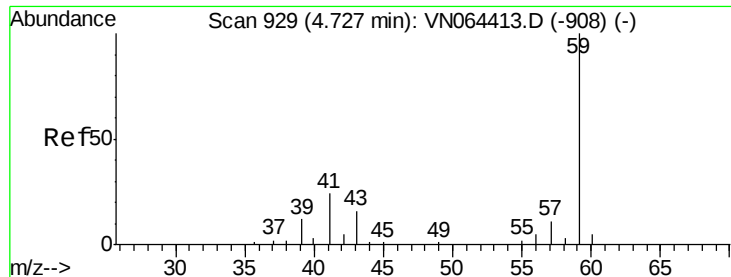
MMDadoda
11/3/2020 2:20:55 PM



#22
cis-1,2-Dichloroethene
Concen: 17.800 ug/l
RT: 6.78 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VN064421.D
Acq: 2 Nov 2020 18:01

Tgt Ion	Ratio	Resp	Lower	Upper
96	100			
61	156.6	122.3	183.5	
98	63.9	49.6	74.4	





#23

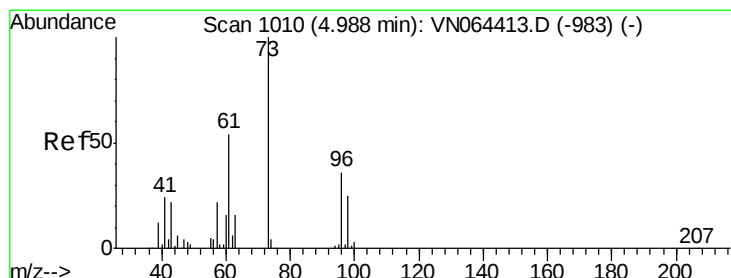
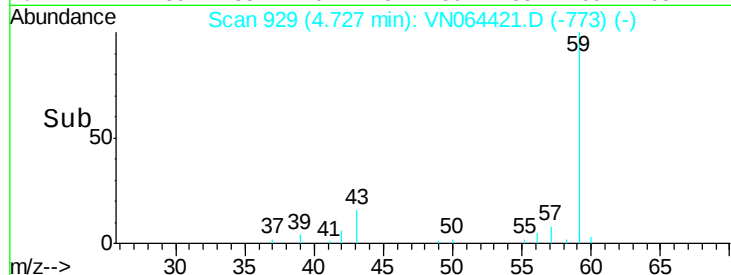
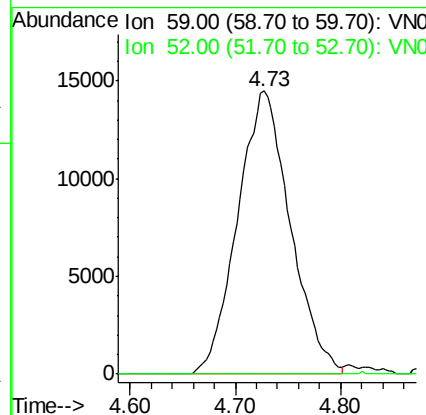
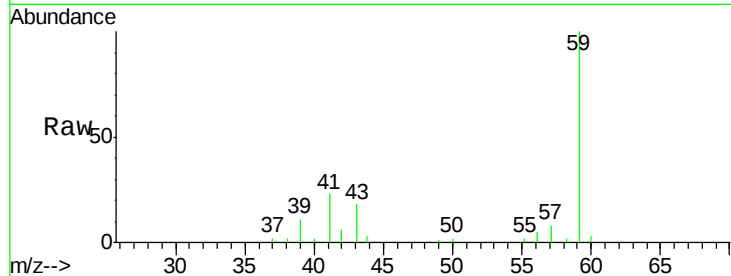
tert-Butyl Alcohol
 Concen: 97.835 ug/l
 RT: 4.73 min Scan# 929
 Delta R.T. 0.00 min
 Lab File: VN064421.D
 Acq: 2 Nov 2020 18:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1102WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	59	100	50441		
52	52	0.0		0.0	0.0

Manual Integrations
 APPROVED

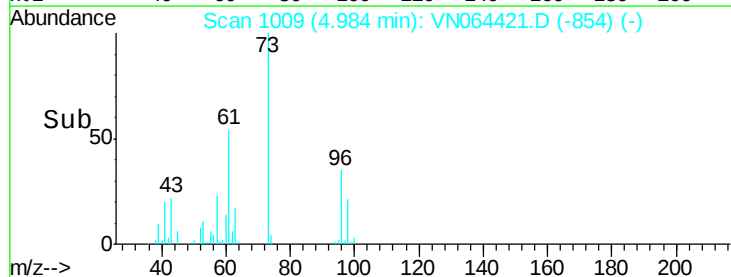
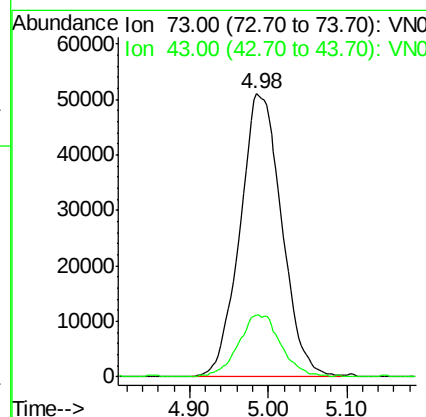
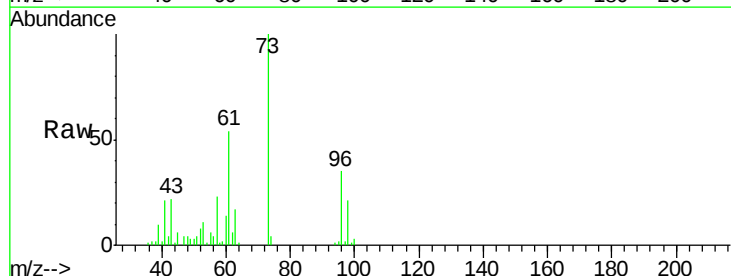
MMDadoda
 11/3/2020 2:20:55 PM

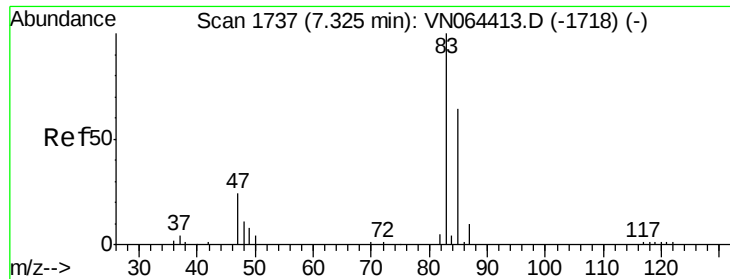


#24

Methyl tert-Butyl Ether
 Concen: 18.398 ug/l
 RT: 4.98 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: VN064421.D
 Acq: 2 Nov 2020 18:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
73	73	100	189857		
43	43	11.4		6.8	10.2#





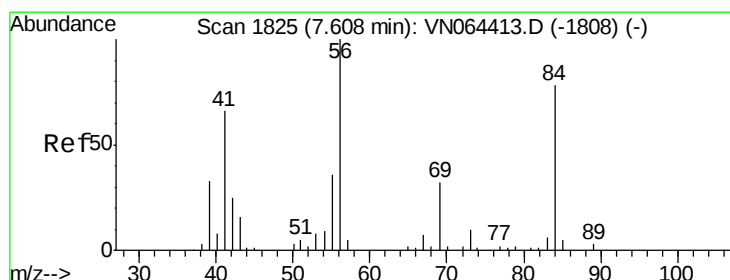
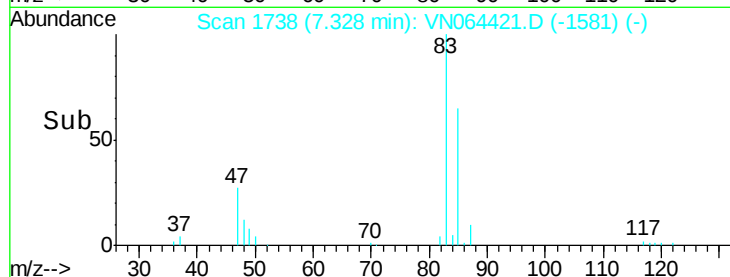
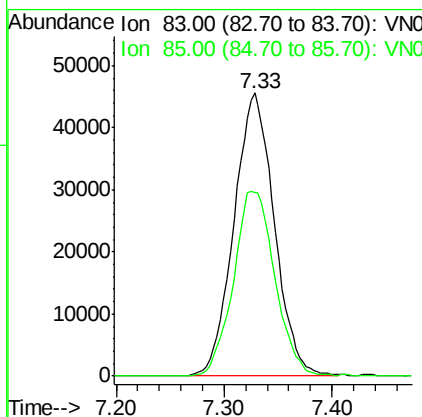
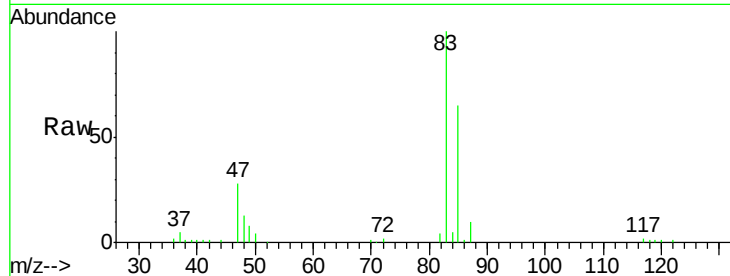
#25
Chloroform
Concen: 18.162 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN064421.D
Acq: 2 Nov 2020 18:01

Instrument :
MSVOA_N
ClientSampled :
VN1102WBS01

Tot Ion	83	Resp	118755
Ion Ratio	100	Lower	Upper
85	65.0	51.0	76.4

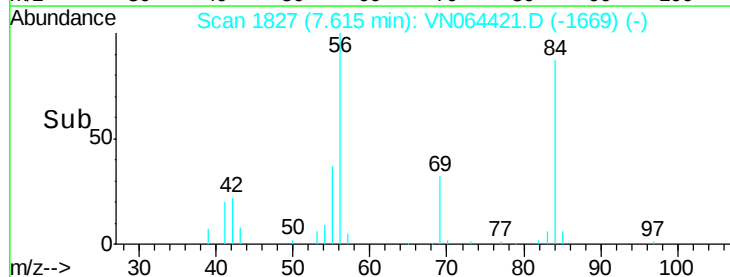
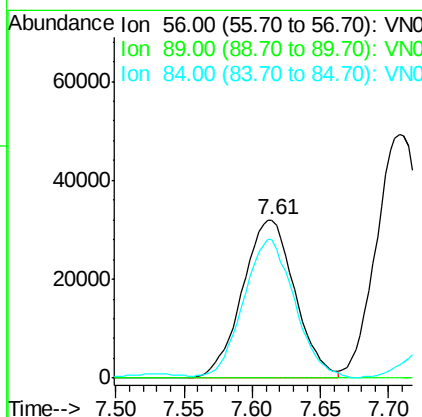
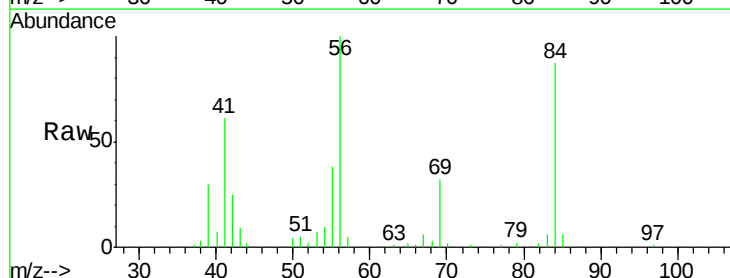
Manual Integrations
APPROVED

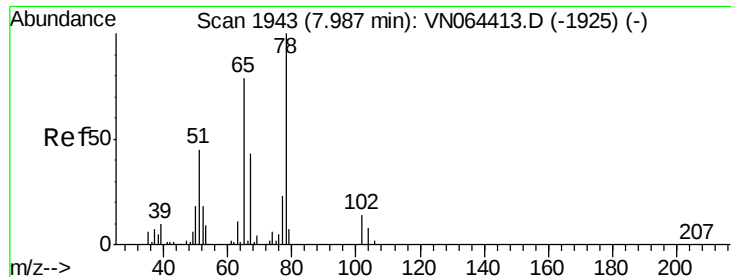
MMDadoda
11/3/2020 2:20:55 PM



#26
Cyclohexane
Concen: 17.673 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. 0.01 min
Lab File: VN064421.D
Acq: 2 Nov 2020 18:01

Tgt Ion	56	Resp	85444
Ion Ratio	100	Lower	Upper
89	0.0	2.3	3.5#
84	86.1	69.4	104.0





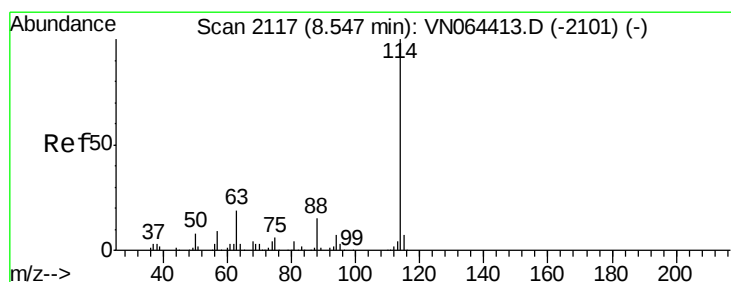
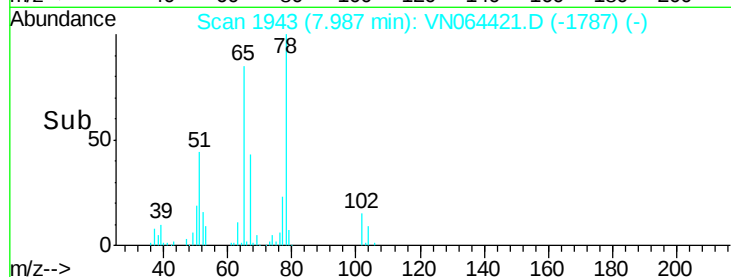
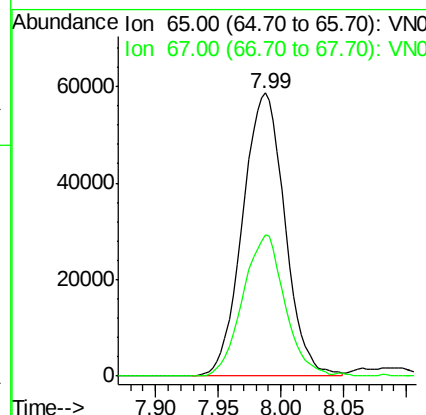
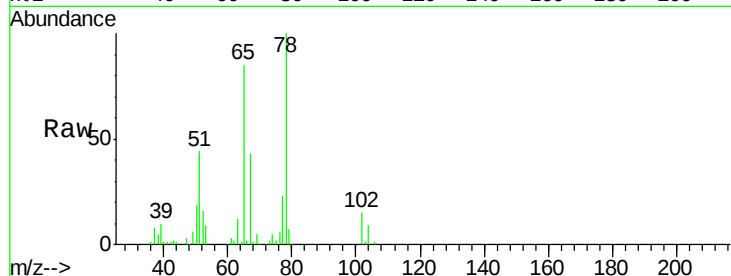
#27
 1,2-Dichloroethane-d4
 Concen: 31.595 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064421.D
 Acq: 2 Nov 2020 18:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1102WBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	49.4	40.6	61.0

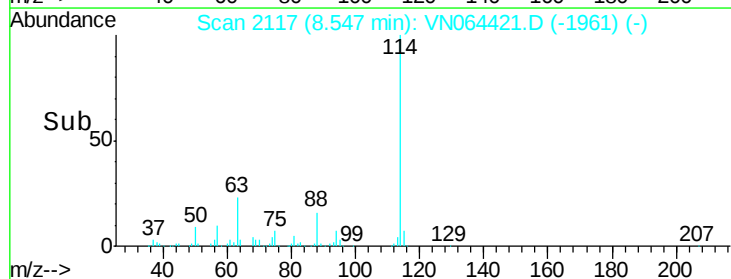
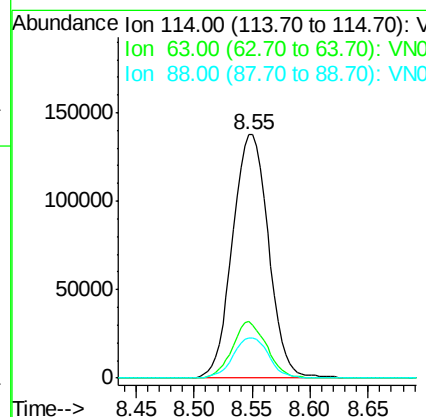
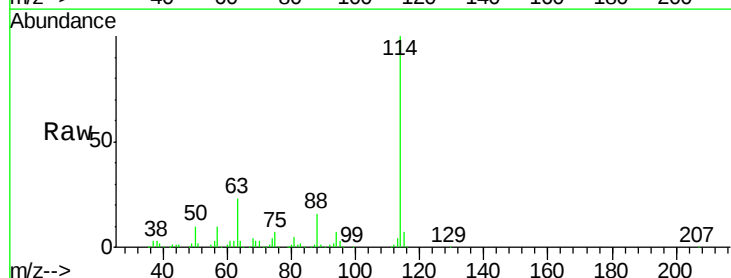
Manual Integrations
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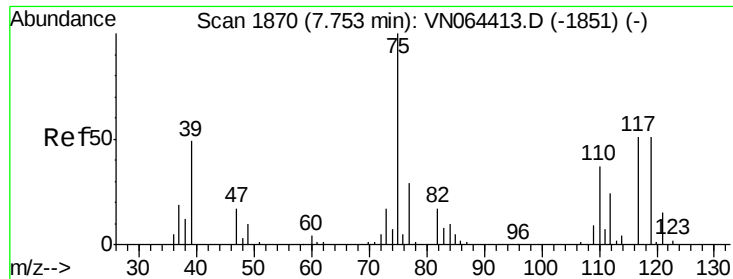
MMDadoda
 11/3/2020 2:20:55 PM



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.55 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VN064421.D
 Acq: 2 Nov 2020 18:01

Tgt Ion	Ratio	Lower	Upper
114	100		
63	22.1	16.2	24.4
88	16.3	12.6	19.0





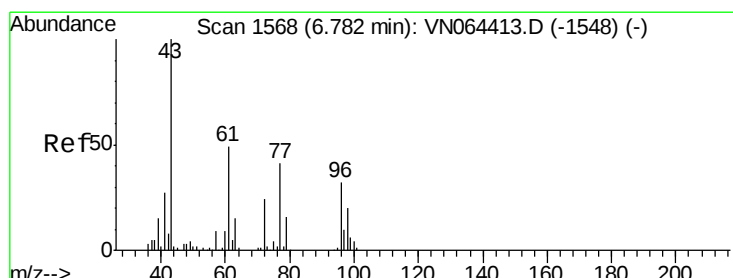
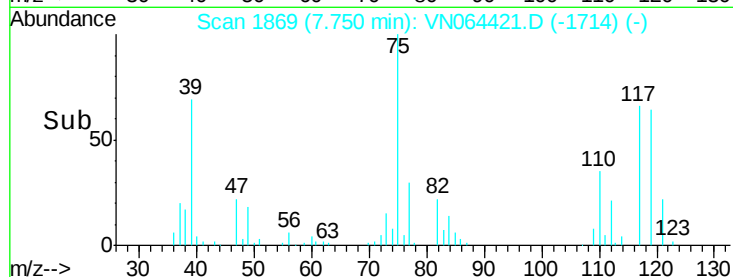
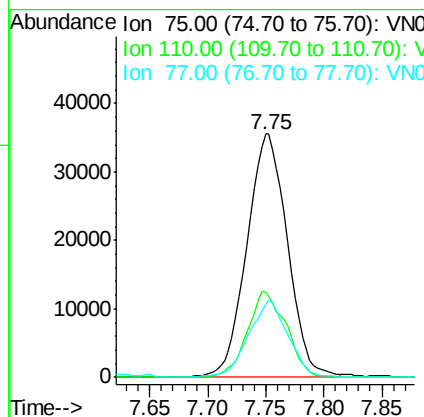
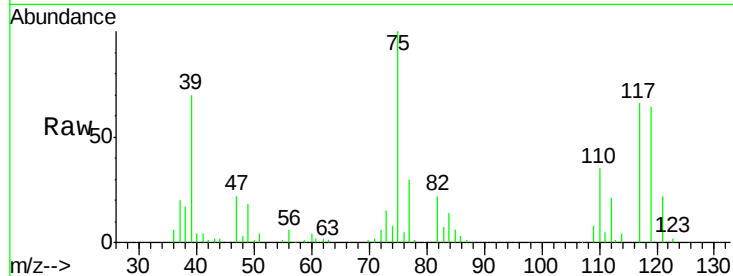
#29
 1,1-Dichloropropene
 Concen: 18.199 ug/l
 RT: 7.75 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VN064421.D
 Acq: 2 Nov 2020 18:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1102WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
110	33.6	0.0	71.8
77	30.4	0.0	32.4

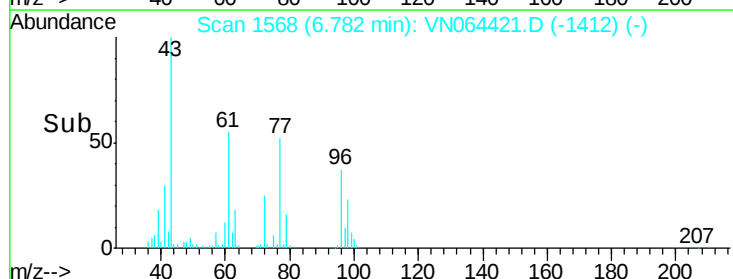
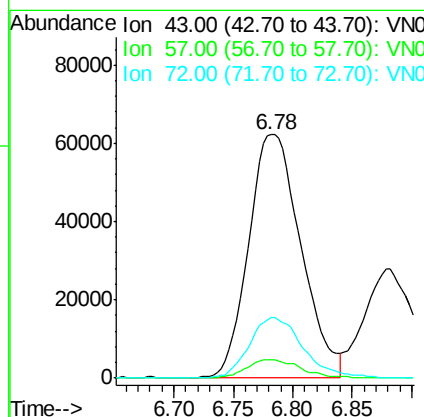
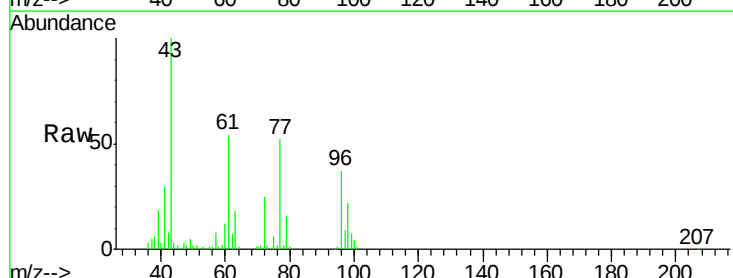
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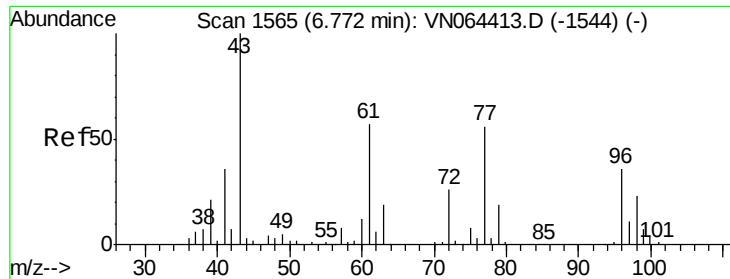
MMDadoda
 11/3/2020 2:20:55 PM



#30
 2-Butanone
 Concen: 87.127 ug/l
 RT: 6.78 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: VN064421.D
 Acq: 2 Nov 2020 18:01

Tgt Ion	Ratio	Lower	Upper
43	100		
57	7.7	6.6	9.8
72	25.4	20.0	30.0





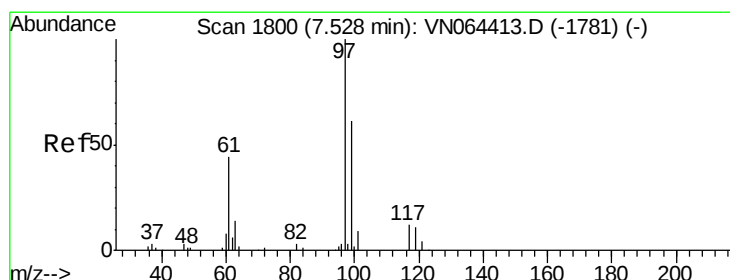
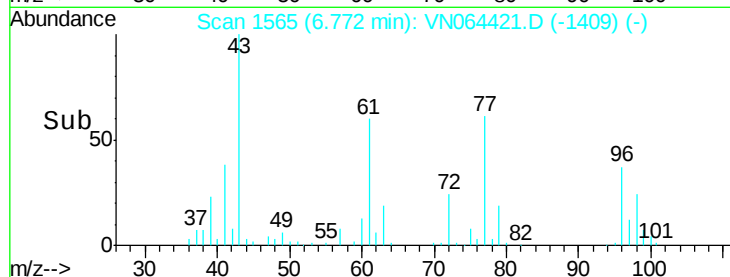
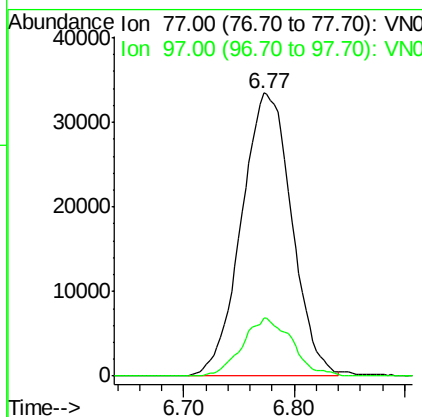
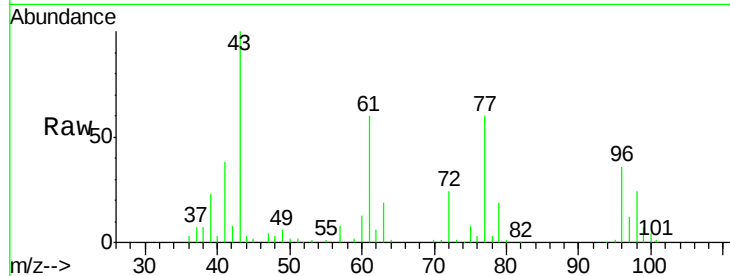
#31
 2,2-Dichloropropane
 Concen: 18.071 ug/l
 RT: 6.77 min Scan# 1565
 Delta R.T. 0.00 min
 Lab File: VN064421.D
 Acq: 2 Nov 2020 18:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1102WBS01

Tot Ion: 77 Resp: 105766
 Ion Ratio Lower Upper
 77 100
 97 20.2 17.4 26.0

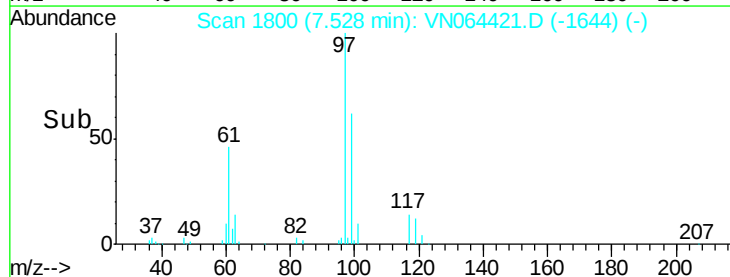
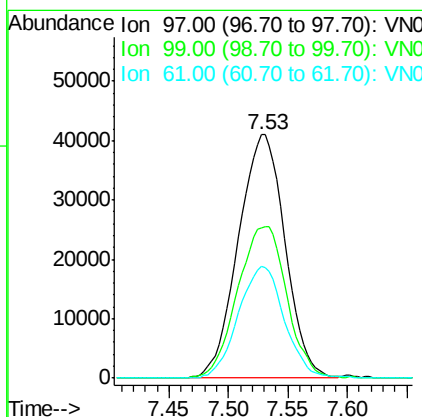
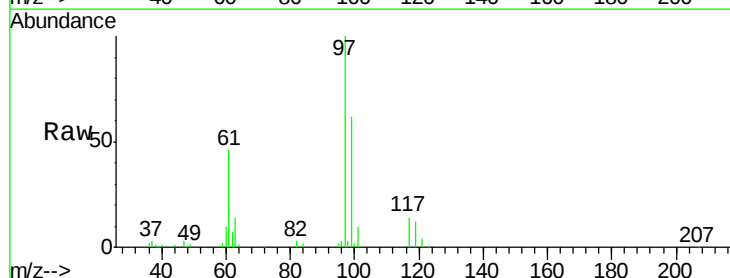
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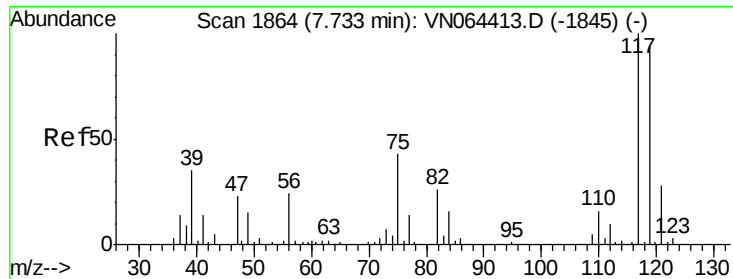
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 11/3/2020 2:20:55 PM



#32
 1,1,1-Trichloroethane
 Concen: 17.858 ug/l
 RT: 7.53 min Scan# 1800
 Delta R.T. 0.00 min
 Lab File: VN064421.D
 Acq: 2 Nov 2020 18:01

Tgt Ion: 97 Resp: 111610
 Ion Ratio Lower Upper
 97 100
 99 65.4 49.8 74.8
 61 45.0 34.9 52.3





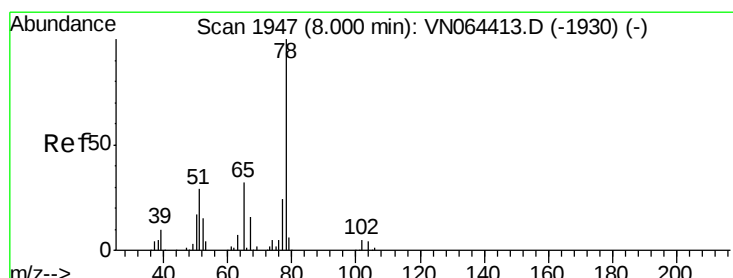
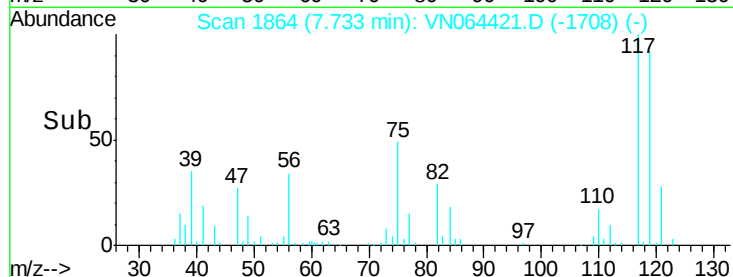
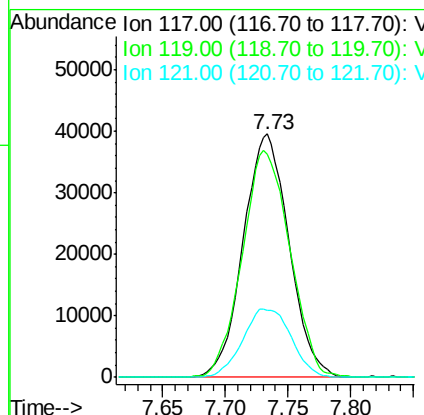
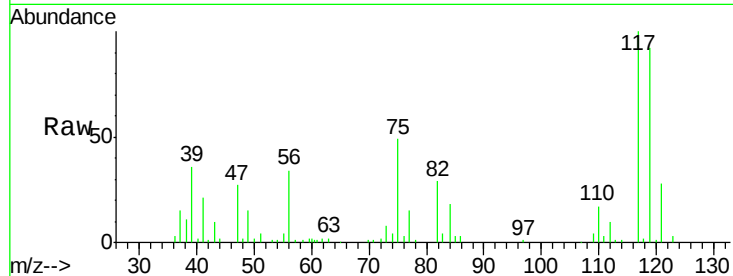
#33
Carbon Tetrachloride
Concen: 17.859 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN064421.D
Acq: 2 Nov 2020 18:01

Instrument :
MSVOA_N
ClientSampled :
VN1102WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
119	91.8	75.0	112.4
121	27.7	22.1	33.1

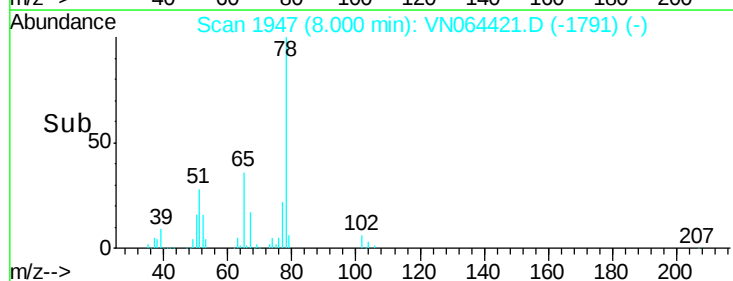
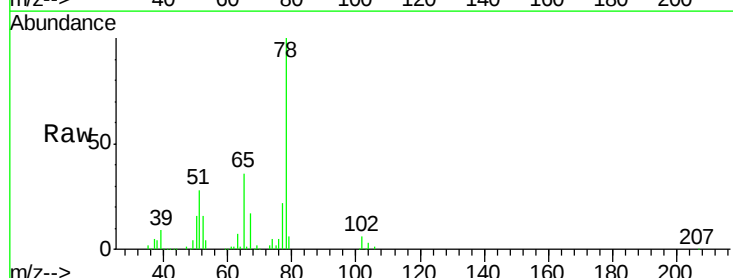
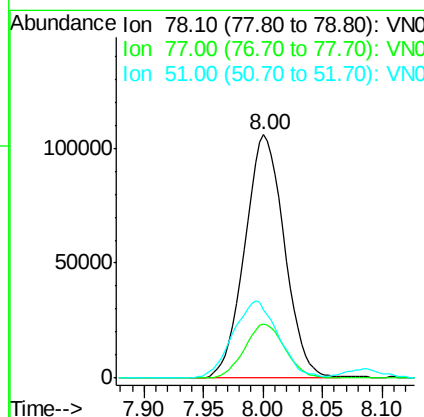
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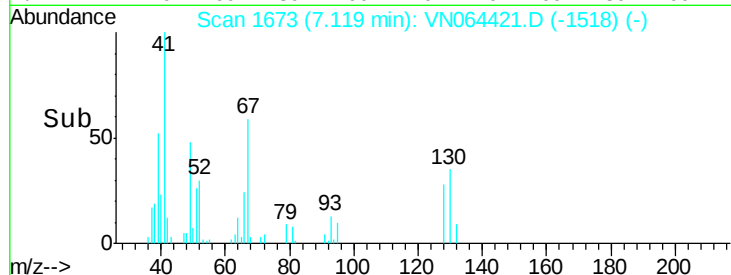
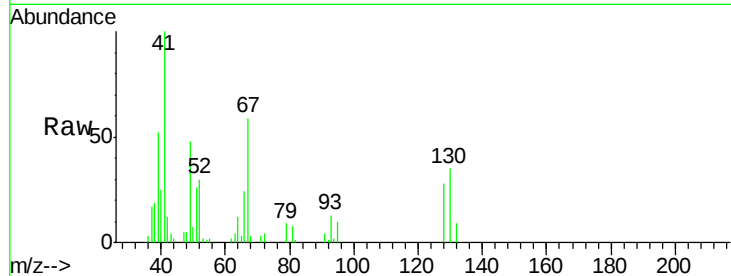
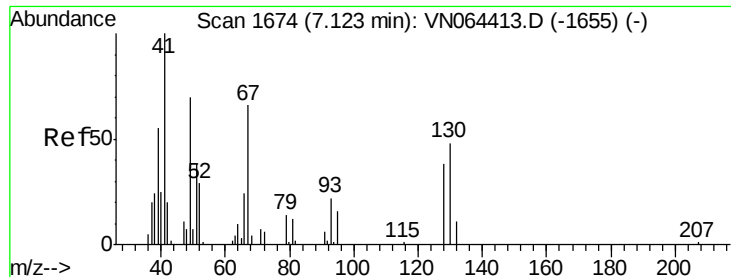
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11/3/2020 2:20:55 PM



#34
Benzene
Concen: 18.097 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. 0.00 min
Lab File: VN064421.D
Acq: 2 Nov 2020 18:01

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.4	19.0	28.4
51	28.1	23.1	34.7





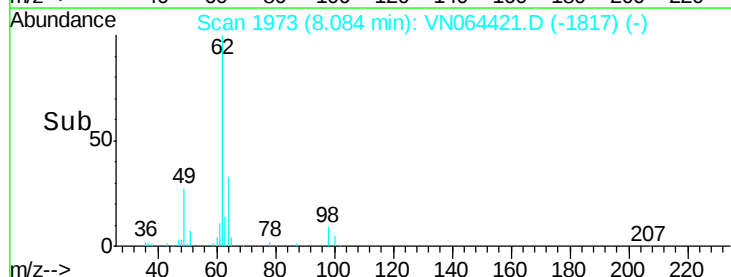
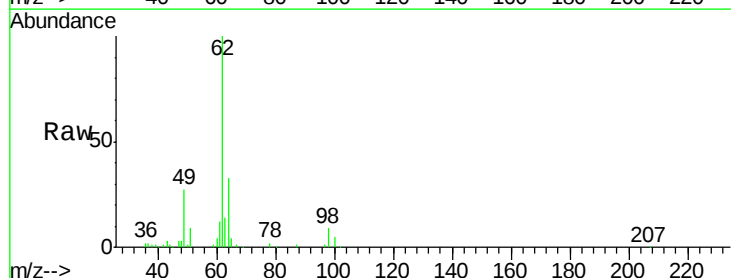
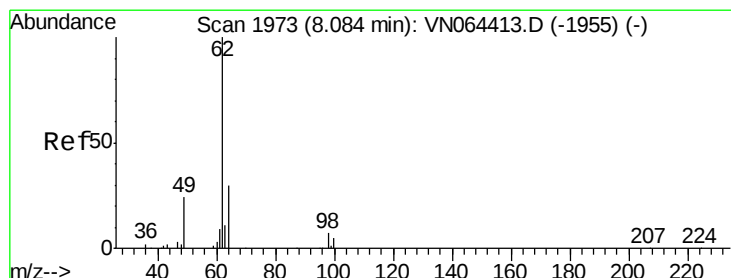
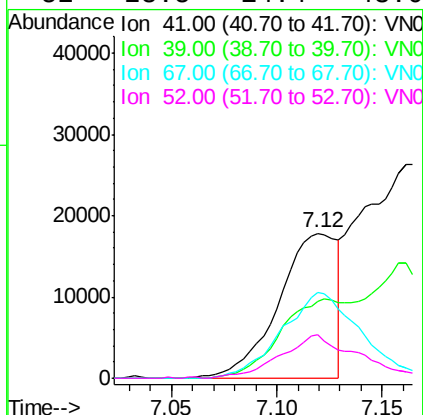
#35
Methacrylonitrile
Concen: 16.107 ug/l
RT: 7.12 min Scan# 1673
Delta R.T. -0.00 min
Lab File: VN064421.D
Acq: 2 Nov 2020 18:01

Tot Ion	Ratio	Lower	Upper
41	100		
39	52.5	27.8	83.3
67	59.4	32.9	98.6
52	28.5	14.4	43.0

Instrument :
MSVOA_N
ClientSampleId :
VN1102WBS01

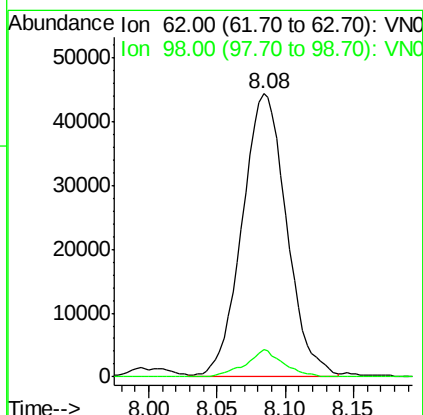
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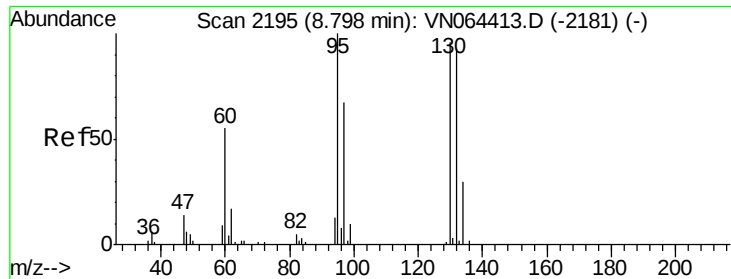
MMDadoda
11/3/2020 2:20:55 PM



#36
1,2-Dichloroethane
Concen: 18.044 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VN064421.D
Acq: 2 Nov 2020 18:01

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.1	6.2	9.2





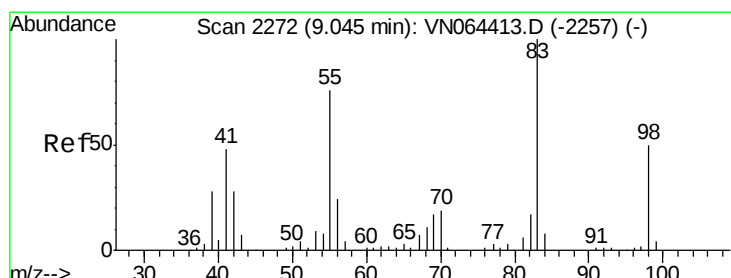
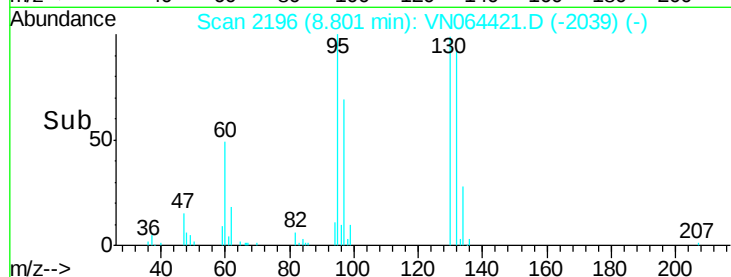
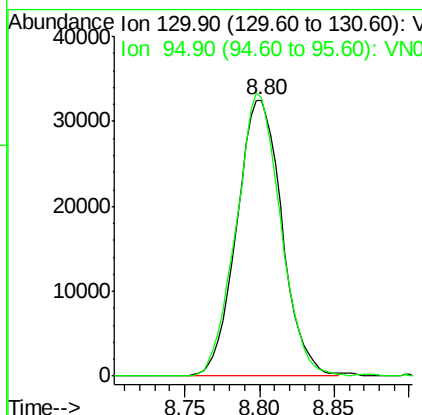
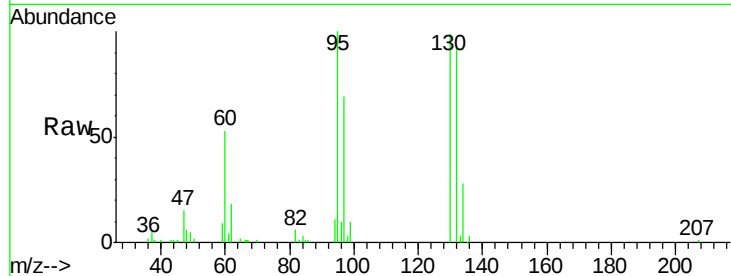
#37
 Trichloroethene
 Concen: 18.049 ug/l
 RT: 8.80 min Scan# 2196
 Delta R.T. 0.00 min
 Lab File: VN064421.D
 Acq: 2 Nov 2020 18:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1102WBS01

Tot Ion:130 Resp: 68447
 Ion Ratio Lower Upper
 130 100
 95 101.0 83.6 125.4

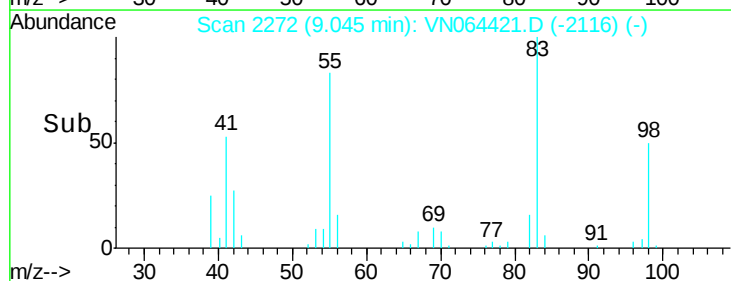
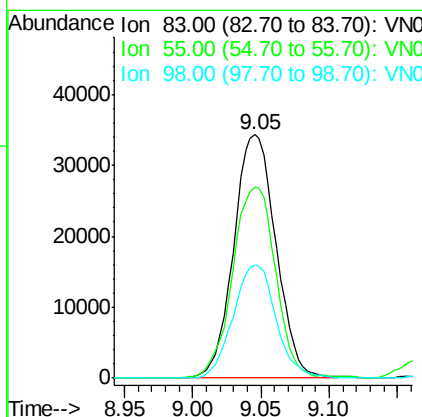
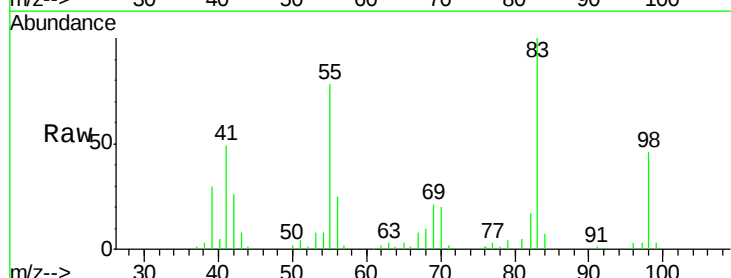
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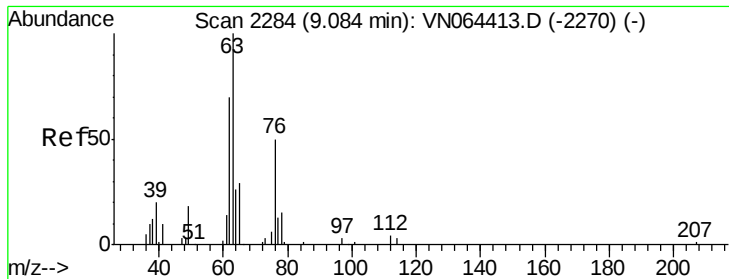
MMDadoda
 11/3/2020 2:20:55 PM



#38
 Methylcyclohexane
 Concen: 17.055 ug/l
 RT: 9.05 min Scan# 2272
 Delta R.T. 0.00 min
 Lab File: VN064421.D
 Acq: 2 Nov 2020 18:01

Tgt Ion: 83 Resp: 73753
 Ion Ratio Lower Upper
 83 100
 55 79.8 38.3 114.9
 98 47.0 24.6 74.0





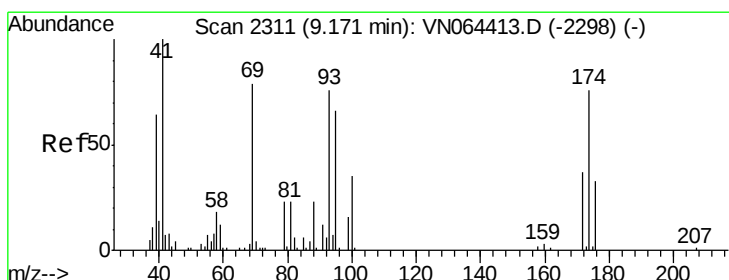
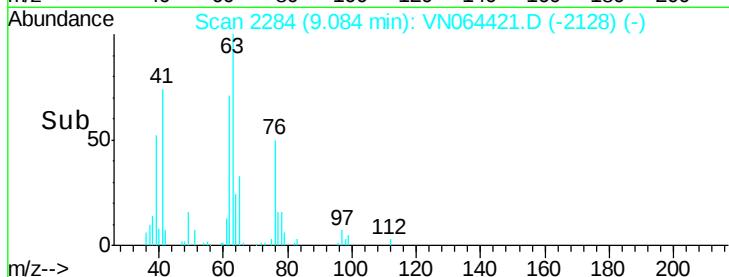
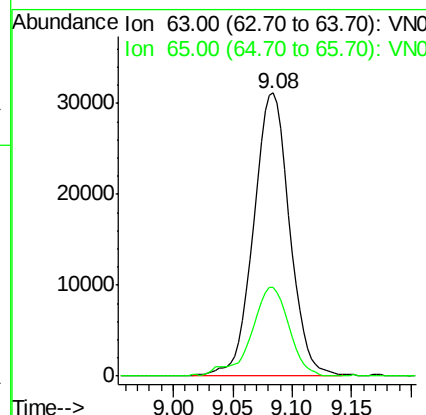
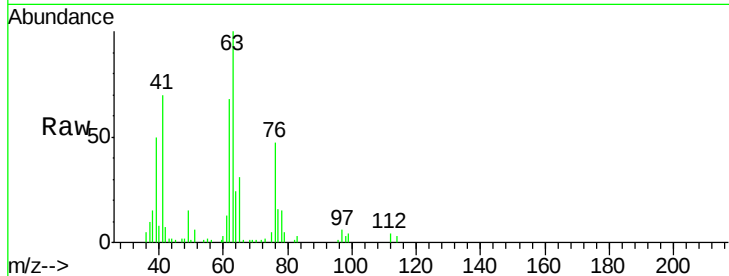
#39
 1,2-Dichloropropane
 Concen: 18.854 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN064421.D
 Acq: 2 Nov 2020 18:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1102WBS01

Tot Ion: 63 Resp: 65341
 Ion Ratio Lower Upper
 63 100
 65 31.2 25.0 37.6

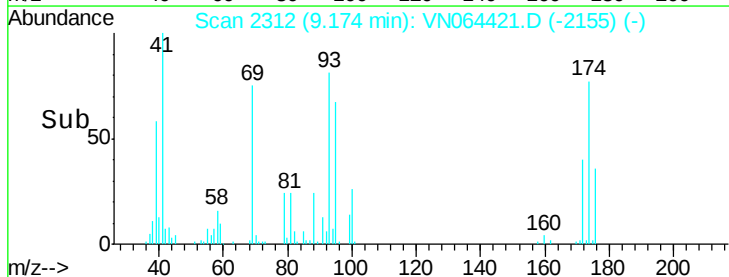
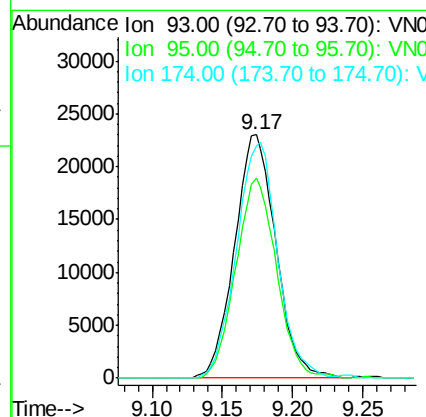
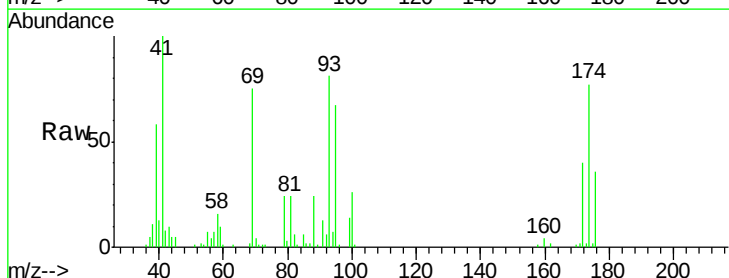
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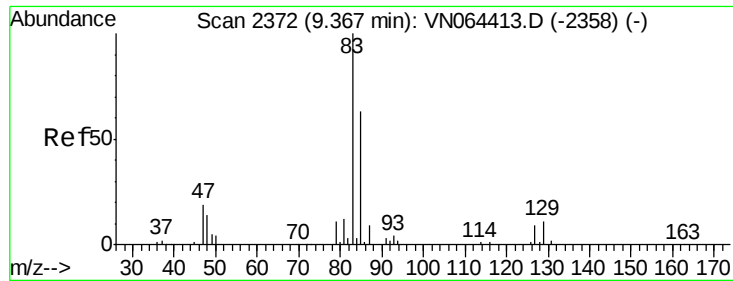
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 11/3/2020 2:20:55 PM



#40
 Dibromomethane
 Concen: 18.838 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN064421.D
 Acq: 2 Nov 2020 18:01

Tgt Ion: 93 Resp: 47316
 Ion Ratio Lower Upper
 93 100
 95 80.2 0.0 170.0
 174 96.3 0.0 199.8





#41

Bromodichloromethane

Concen: 18.347 ug/l

RT: 9.37 min Scan# 2372

Delta R.T. 0.00 min

Lab File: VN064421.D

Acq: 2 Nov 2020 18:01

Instrument :

MSVOA_N

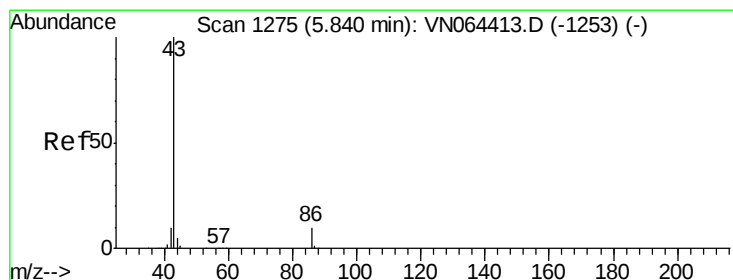
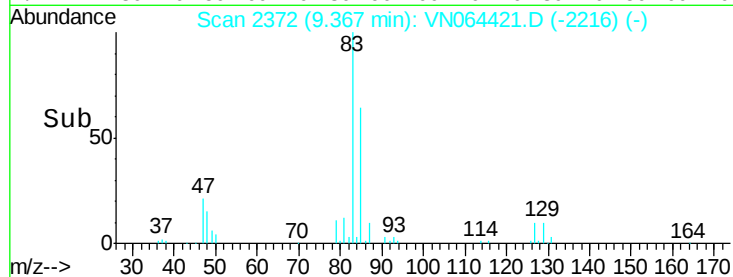
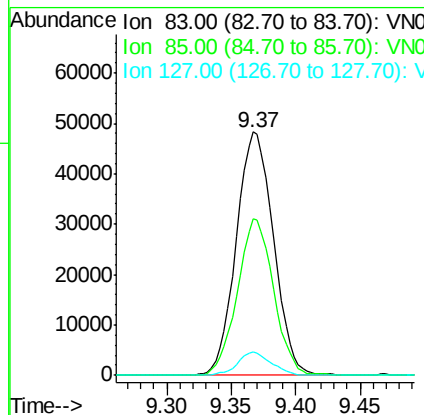
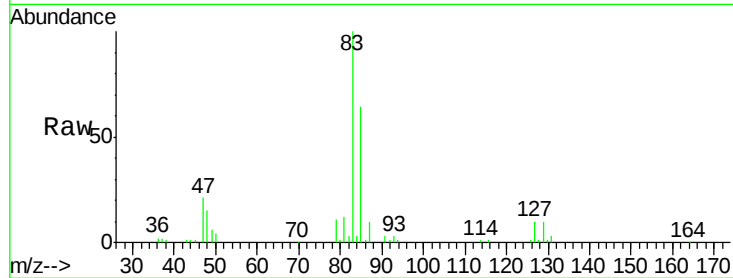
ClientSampleId :

VN1102WBS01

Tot Ion:	83	Resp:	97342
Ion	Ratio	Lower	Upper
83	100		
85	64.4	50.5	75.7
127	9.6	7.0	10.6

Manual Integrations
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11/3/2020 2:20:55 PM



#42

Vinyl Acetate

Concen: 91.365 ug/l

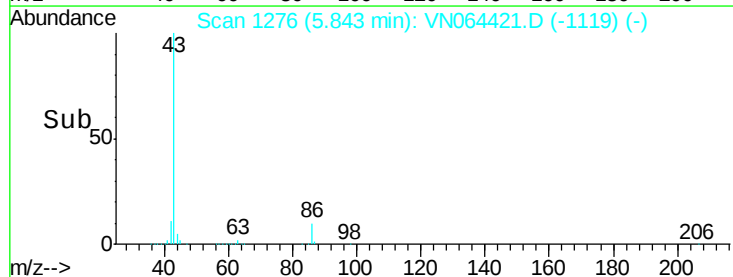
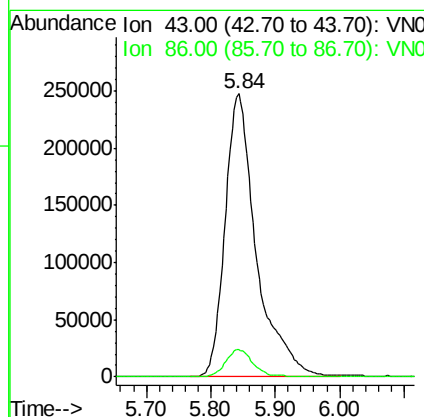
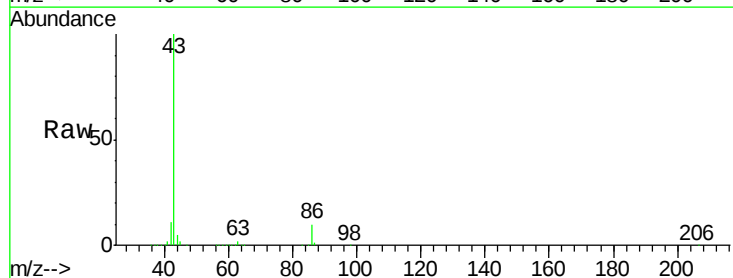
RT: 5.84 min Scan# 1276

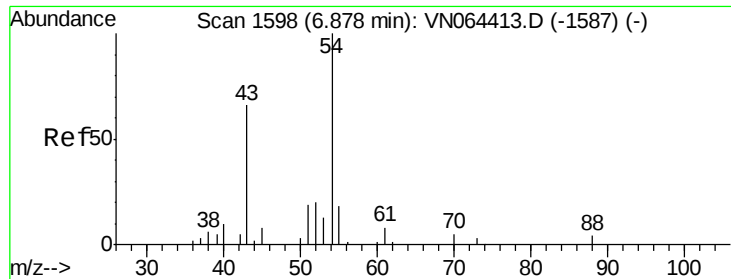
Delta R.T. 0.00 min

Lab File: VN064421.D

Acq: 2 Nov 2020 18:01

Tgt Ion:	43	Resp:	837177
Ion	Ratio	Lower	Upper
43	100		
86	8.3	6.5	9.7





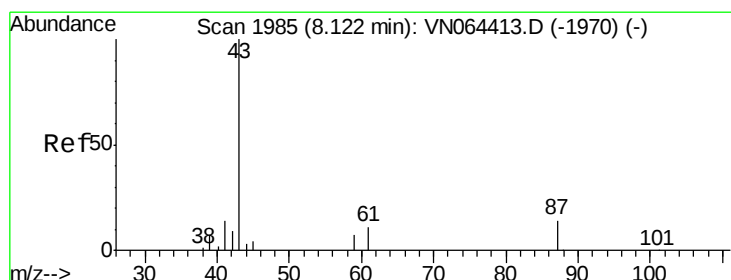
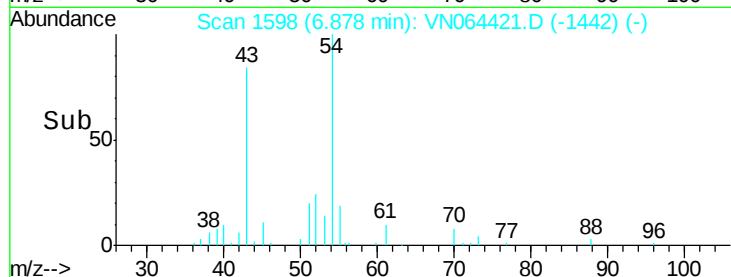
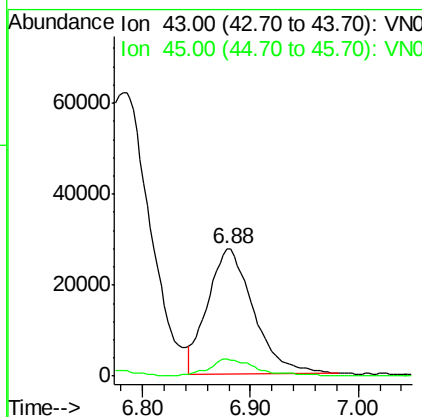
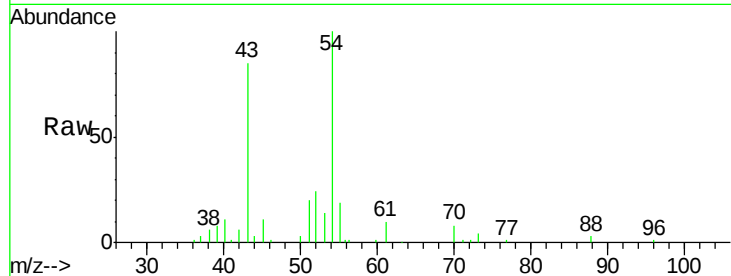
#43
Ethyl Acetate
Concen: 19.340 ug/l
RT: 6.88 min Scan# 1598
Delta R.T. 0.00 min
Lab File: VN064421.D
Acq: 2 Nov 2020 18:01

Instrument :
MSVOA_N
ClientSampleId :
VN1102WBS01

Tot Ion: 43 Resp: 81062
Ion Ratio Lower Upper
43 100
45 13.3 5.2 7.8#

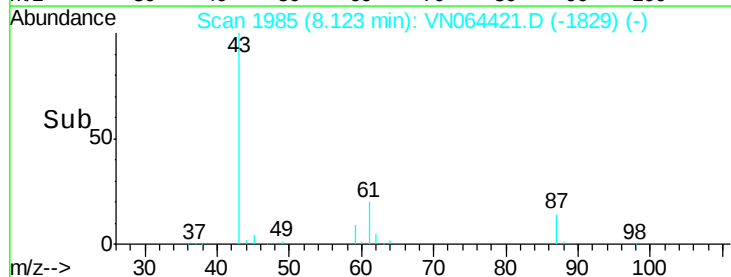
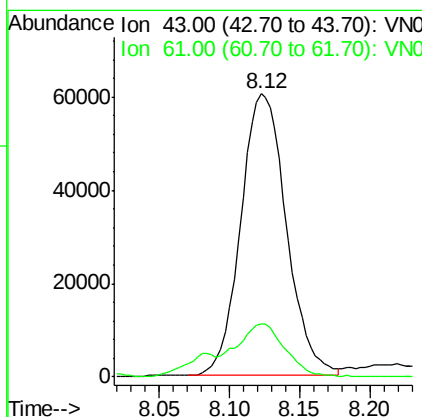
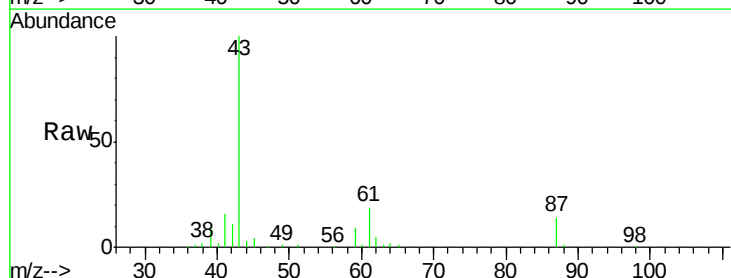
Manual Integrations
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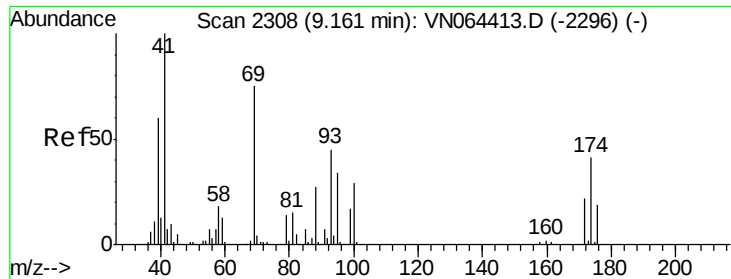
MMDadoda
11/3/2020 2:20:55 PM



#44
Isopropyl Acetate
Concen: 18.380 ug/l
RT: 8.12 min Scan# 1985
Delta R.T. 0.00 min
Lab File: VN064421.D
Acq: 2 Nov 2020 18:01

Tgt Ion: 43 Resp: 137038
Ion Ratio Lower Upper
43 100
61 20.3 20.4 30.6#





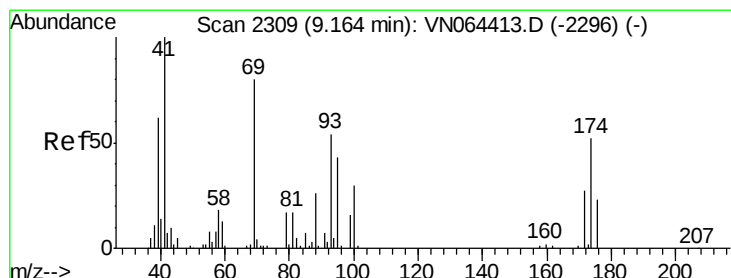
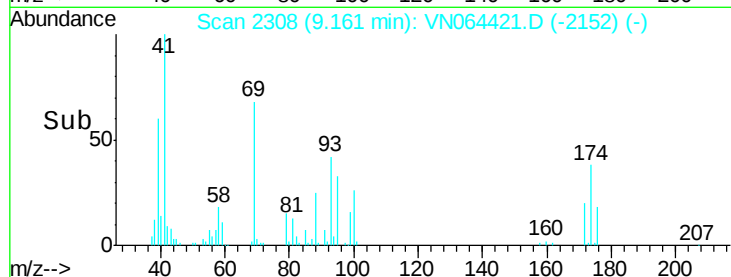
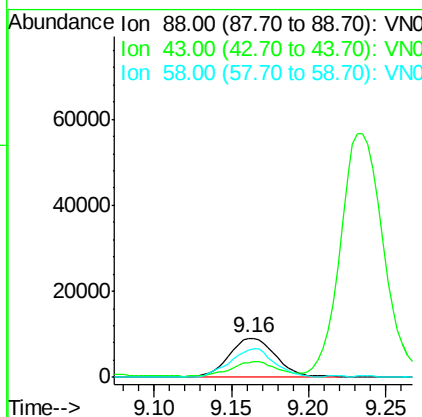
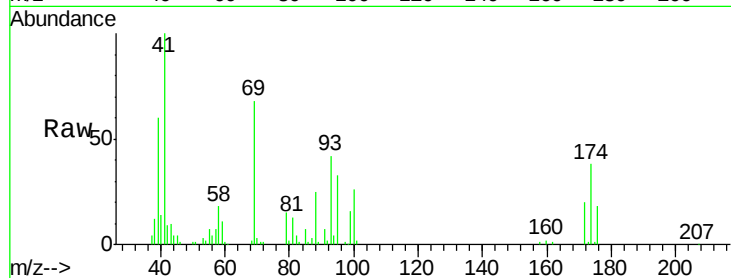
#45
1,4-Dioxane
Concen: 367.253 ug/l
RT: 9.16 min Scan# 2308
Delta R.T. 0.00 min
Lab File: VN064421.D
Acq: 2 Nov 2020 18:01

Instrument :
MSVOA_N
ClientSampleId :
VN1102WBS01

Tot Ion	Ratio	Resp	Lower	Upper
88	100	19214		
43	36.5		32.0	48.0
58	68.9		59.1	88.7

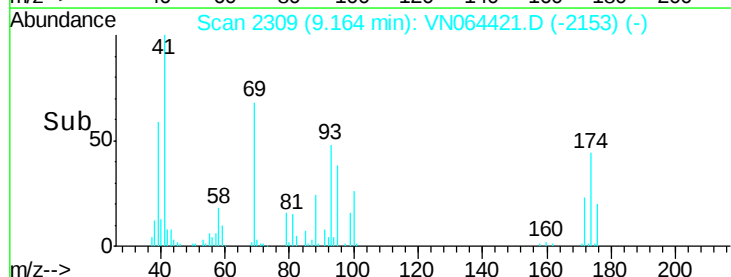
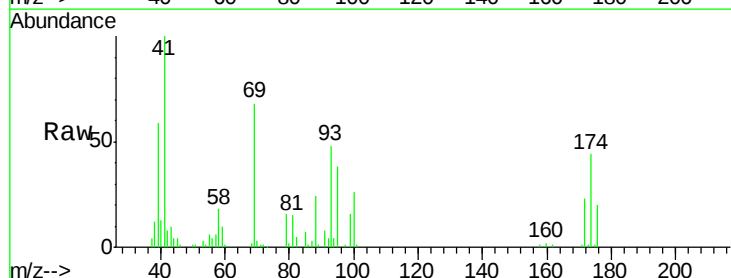
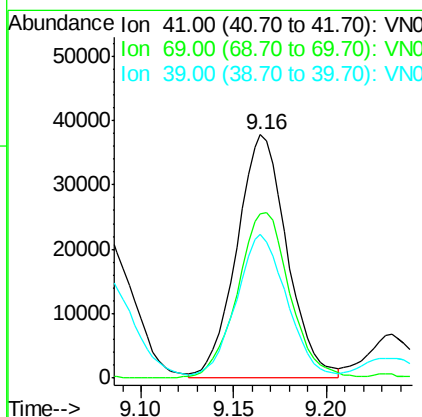
Manual Integrations
APPROVED

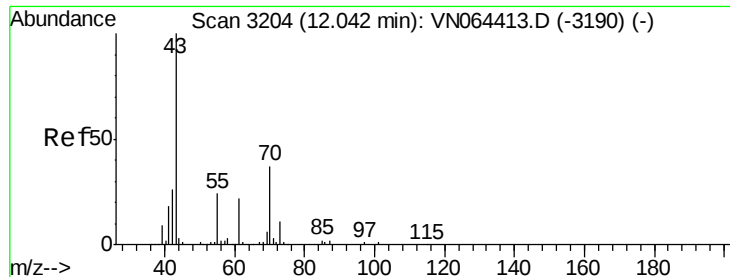
MMDadoda
11/3/2020 2:20:55 PM



#46
Methyl methacrylate
Concen: 19.402 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. 0.00 min
Lab File: VN064421.D
Acq: 2 Nov 2020 18:01

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	71415		
69	68.1		39.8	119.4
39	58.7		30.5	91.5





#47

n-amvl Acetate

Concen: 17.395 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. 0.00 min

Lab File: VN064421.D

Acq: 2 Nov 2020 18:01

Instrument :

MSVOA_N

ClientSampleId :

VN1102WBS01

Tot Ion: 43 Resp: 110307

Ion Ratio Lower Upper

43 100

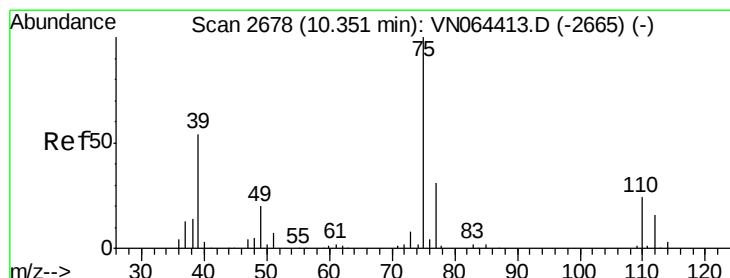
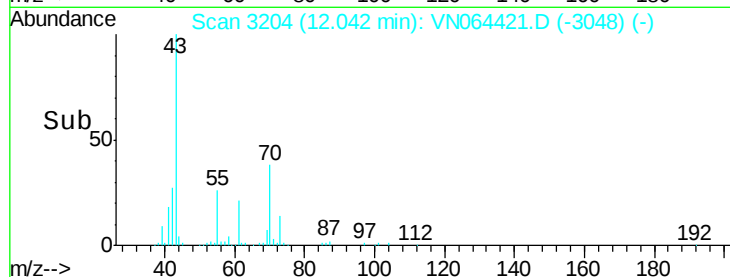
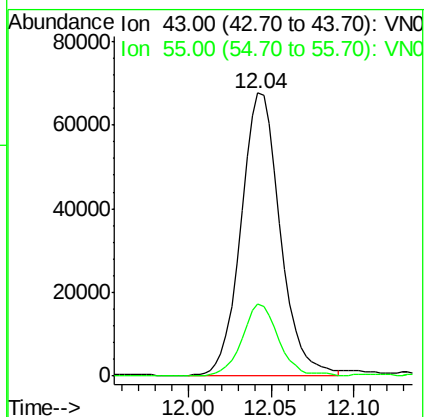
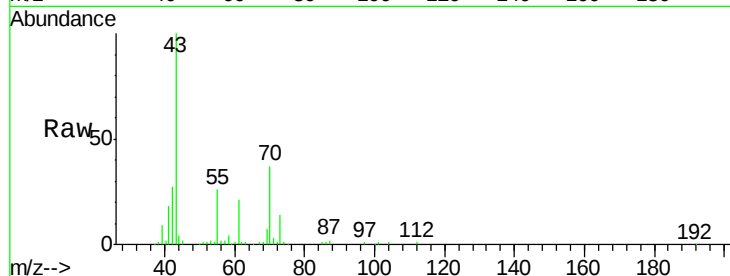
55 23.7 18.1 27.1

Manual Integrations

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#48

t-1,3-Dichloropropene

Concen: 17.411 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN064421.D

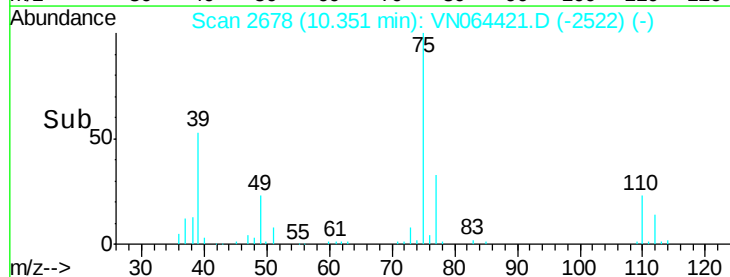
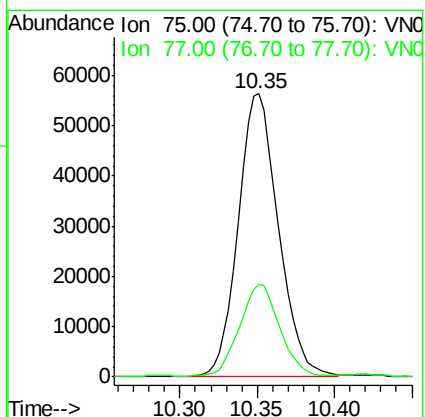
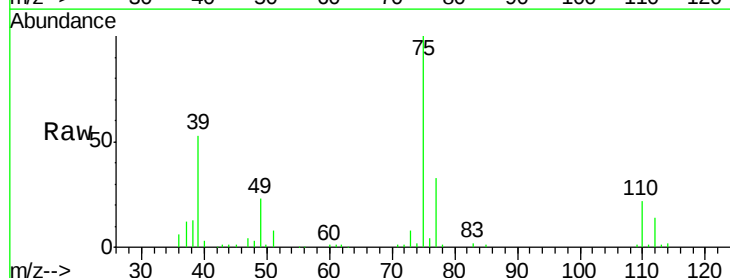
Acq: 2 Nov 2020 18:01

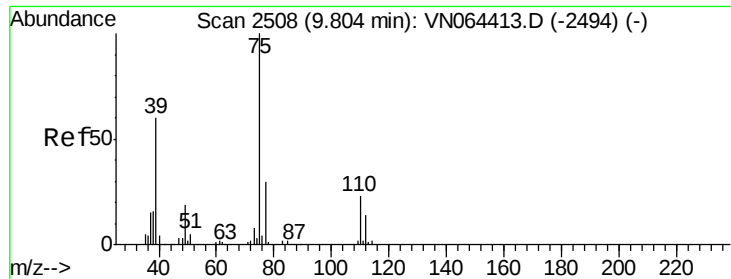
Tgt Ion: 75 Resp: 101948

Ion Ratio Lower Upper

75 100

77 32.7 24.9 37.3





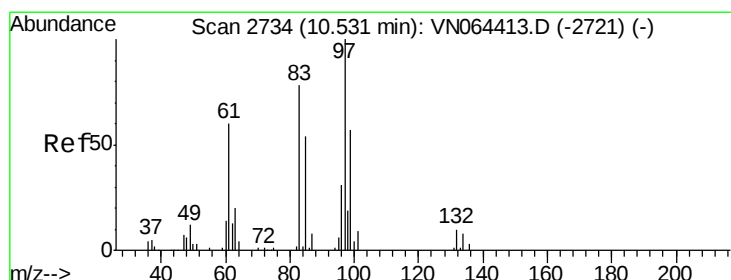
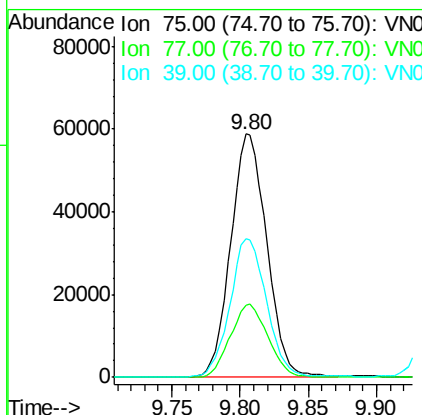
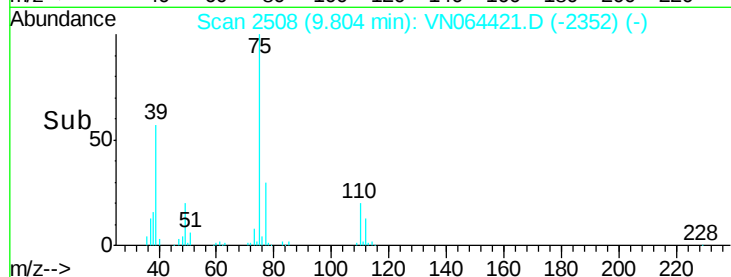
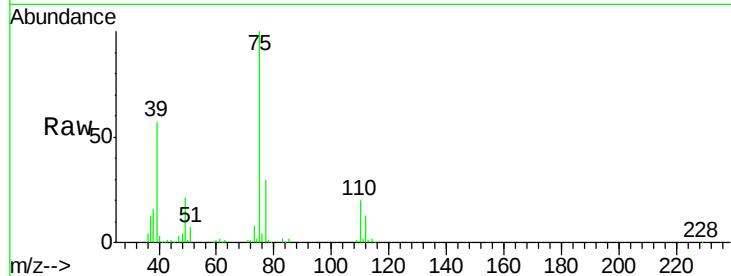
#49
 cis-1,3-Dichloropropene
 Concen: 17.886 ug/l
 RT: 9.80 min Scan# 2508
 Delta R.T. 0.00 min
 Lab File: VN064421.D
 Acq: 2 Nov 2020 18:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1102WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	29.8	24.3	36.5
39	56.8	48.0	72.0

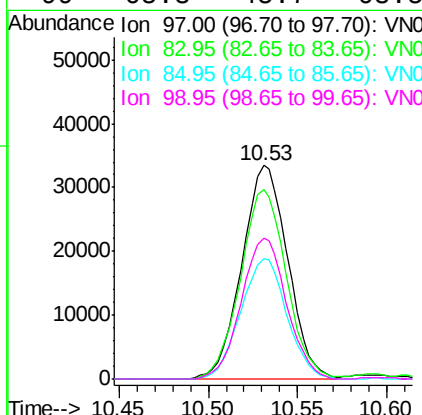
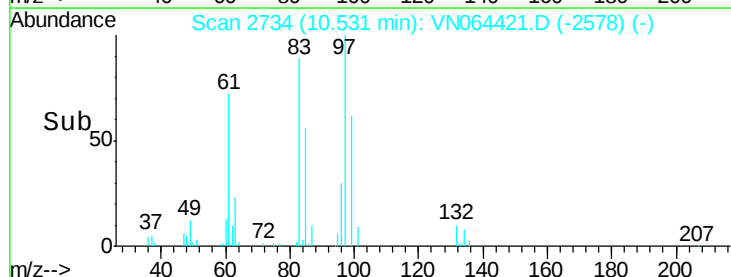
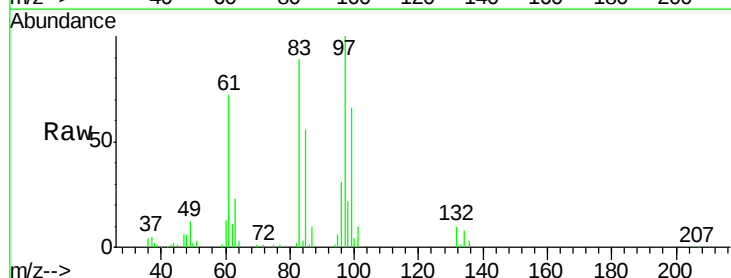
Manual Integrations
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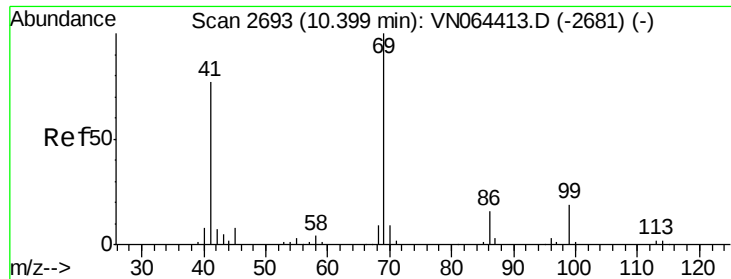
MMDadoda
 11/3/2020 2:20:55 PM



#50
 1,1,2-Trichloroethane
 Concen: 17.853 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN064421.D
 Acq: 2 Nov 2020 18:01

Tgt Ion	Ratio	Lower	Upper
97	100		
83	88.7	62.4	93.6
85	56.4	42.9	64.3
99	65.8	45.7	68.5





#51

Ethyl methacrylate

Concen: 17.281 ug/l

RT: 10.40 min Scan# 2693

Delta R.T. 0.00 min

Lab File: VN064421.D

Acq: 2 Nov 2020 18:01

Instrument :

MSVOA_N

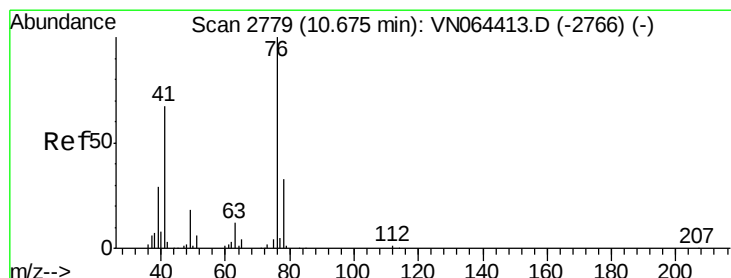
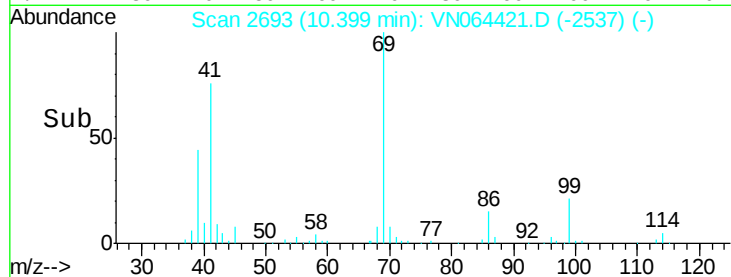
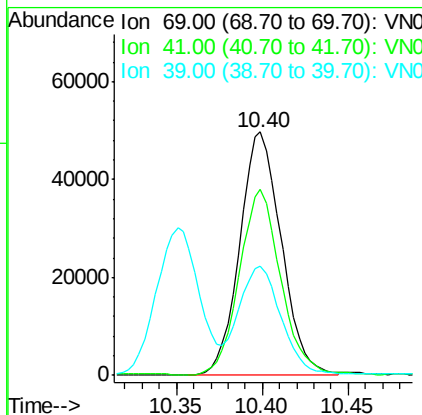
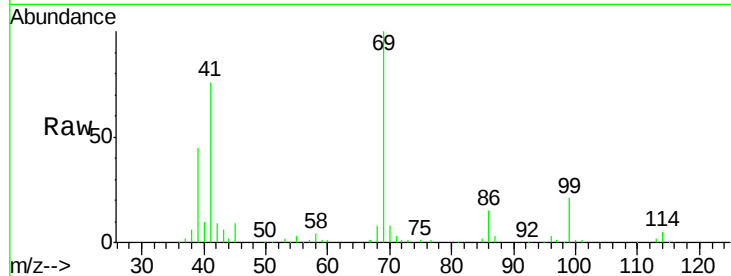
ClientSampleId :

VN1102WBS01

Tot Ion:	69	Resp:	83721
Ion Ratio	Lower	Upper	
69	100		
41	76.5	38.4	115.2
39	44.0	22.7	68.0

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 18.192 ug/l

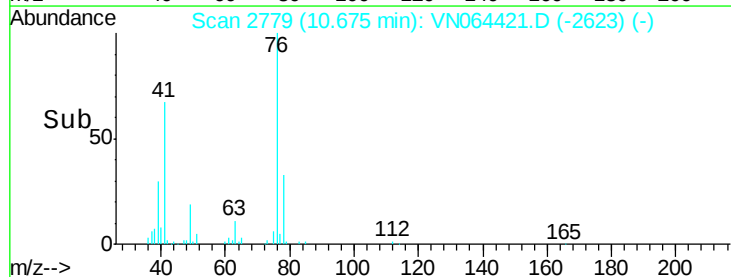
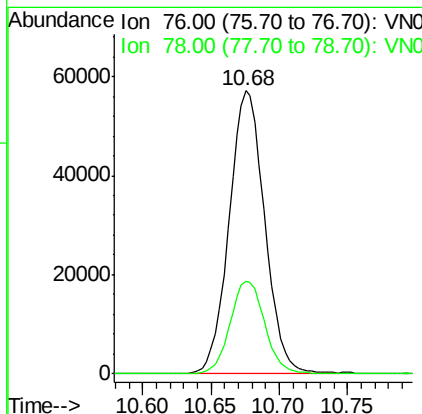
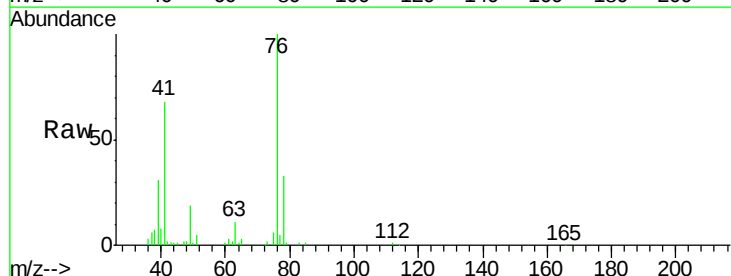
RT: 10.68 min Scan# 2779

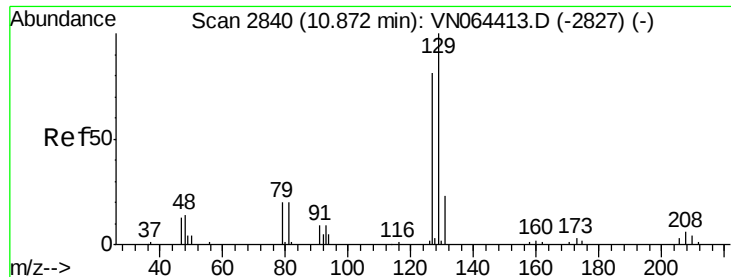
Delta R.T. 0.00 min

Lab File: VN064421.D

Acq: 2 Nov 2020 18:01

Tgt Ion:	76	Resp:	103463
Ion Ratio	Lower	Upper	
76	100		
78	31.7	0.0	65.2





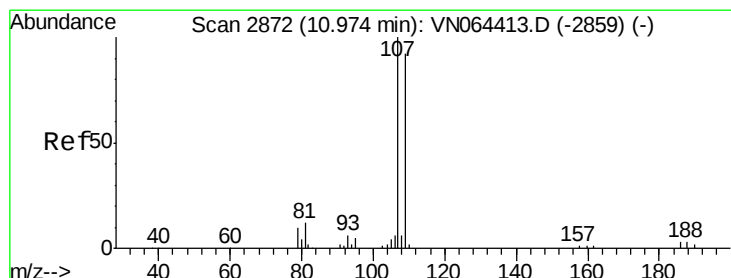
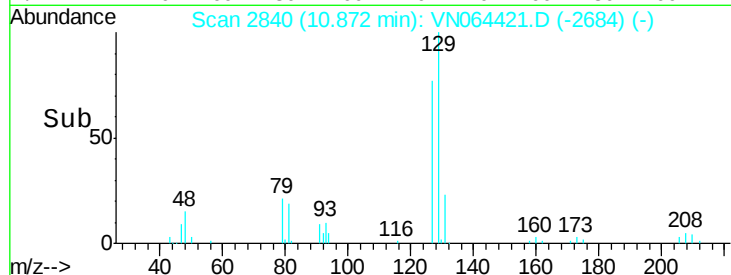
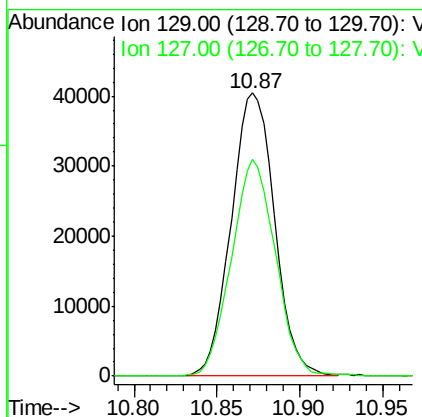
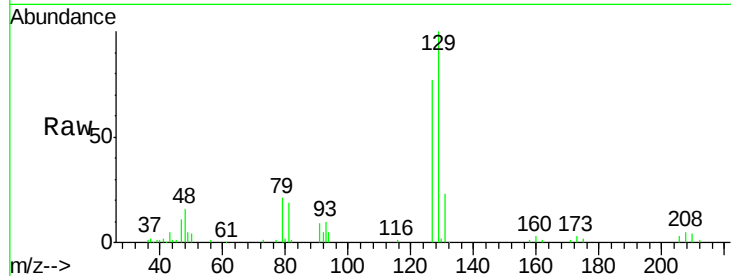
#53
 Dibromochloromethane
 Concen: 17.775 ug/l
 RT: 10.87 min Scan# 2840
 Delta R.T. 0.00 min
 Lab File: VN064421.D
 Acq: 2 Nov 2020 18:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1102WBS01

Tot Ion	Ratio	Lower	Upper
129	100		
127	77.5	38.6	115.7

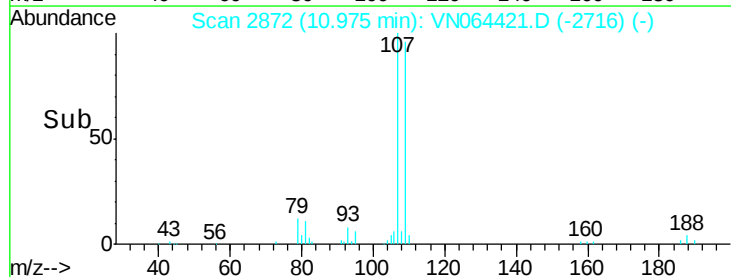
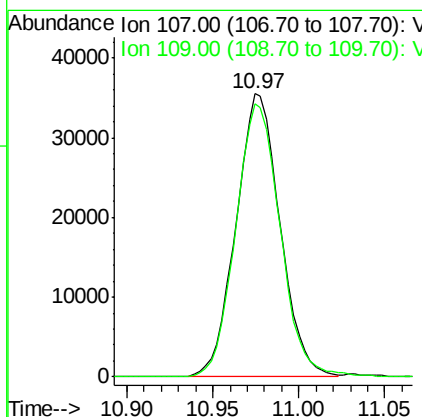
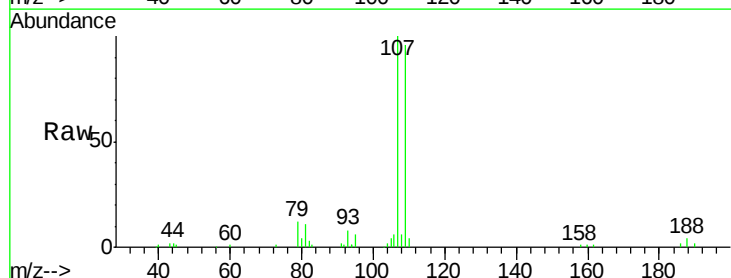
Manual Integrations
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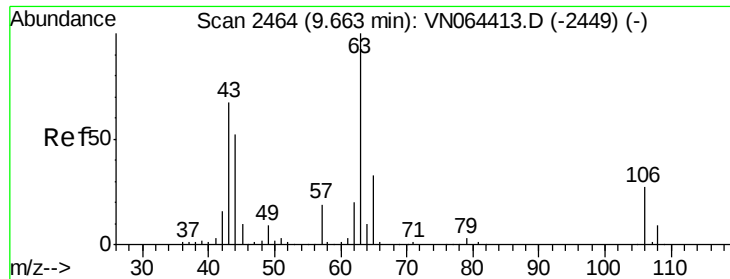
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#54
 1,2-Dibromoethane
 Concen: 17.461 ug/l
 RT: 10.97 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: VN064421.D
 Acq: 2 Nov 2020 18:01

Tgt Ion	Ratio	Lower	Upper
107	100		
109	97.5	76.5	114.7





#55

2-Chloroethyl vinyl ether

Concen: 84.583 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN064421.D

Acq: 2 Nov 2020 18:01

Instrument :

MSVOA_N

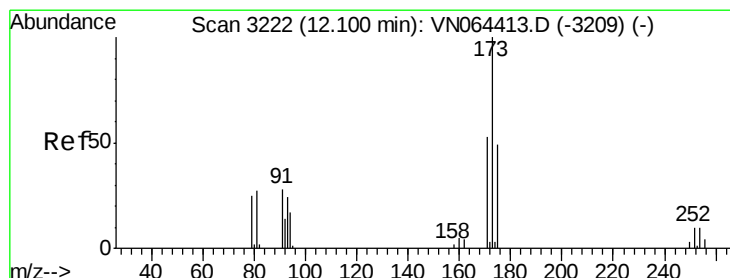
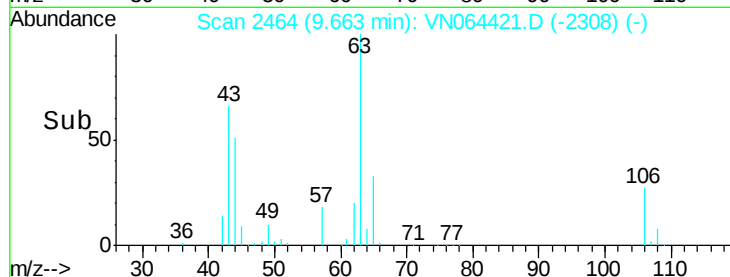
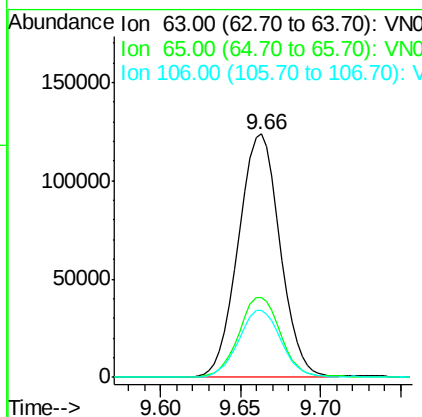
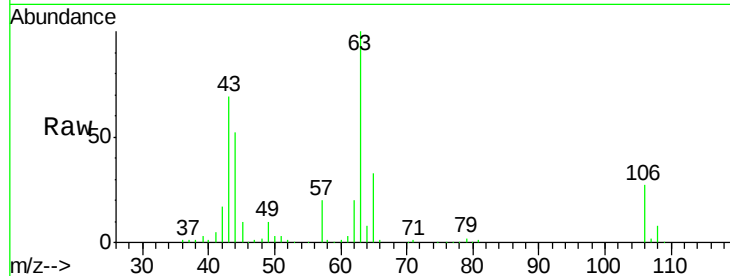
ClientSampleId :

VN1102WBS01

Tot Ion:	63	Resp:	220245
Ion	Ratio	Lower	Upper
63	100		
65	33.1	26.2	39.4
106	28.0	21.8	32.6

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#56

Bromoform

Concen: 17.279 ug/l

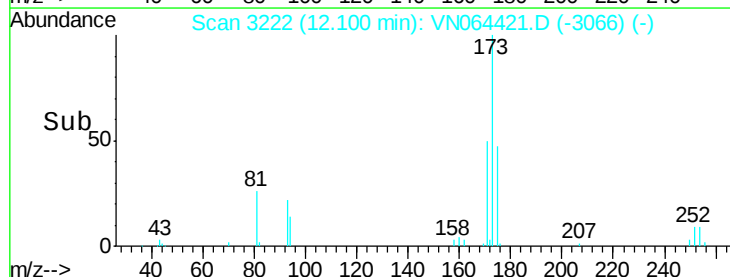
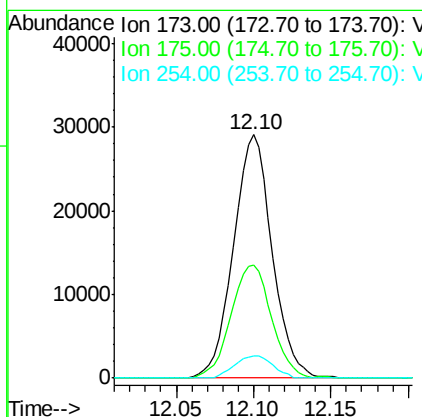
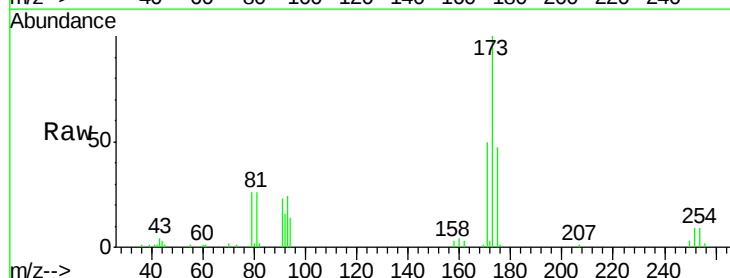
RT: 12.10 min Scan# 3222

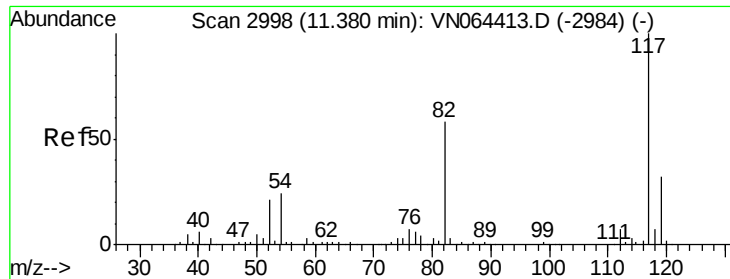
Delta R.T. 0.00 min

Lab File: VN064421.D

Acq: 2 Nov 2020 18:01

Tgt Ion:	173	Resp:	50489
Ion	Ratio	Lower	Upper
173	100		
175	48.5	39.0	58.4
254	8.9	7.0	10.6





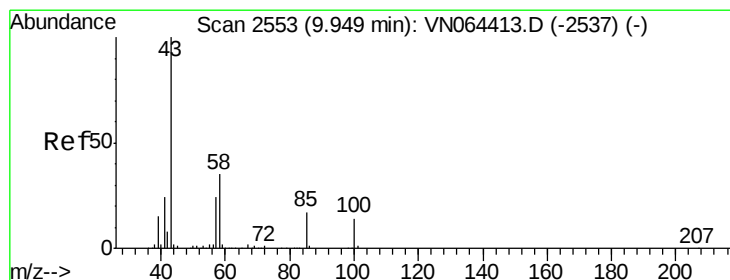
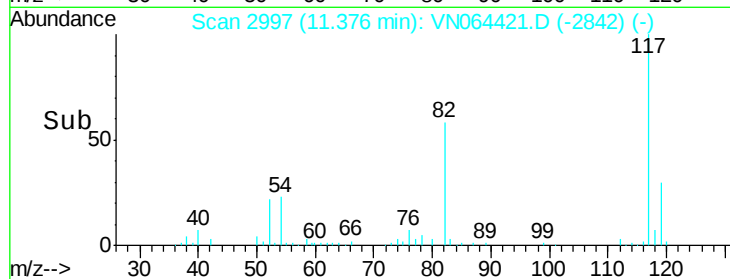
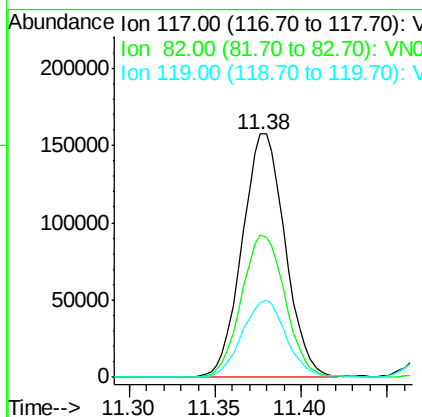
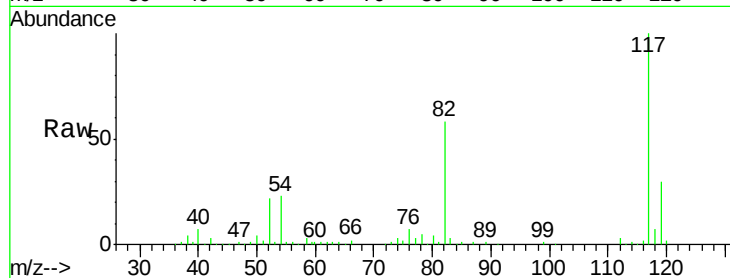
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2997
Delta R.T. -0.00 min
Lab File: VN064421.D
Acq: 2 Nov 2020 18:01

Instrument :
MSVOA_N
ClientSampled :
VN1102WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.0	46.1	69.1
119	32.0	26.2	39.2

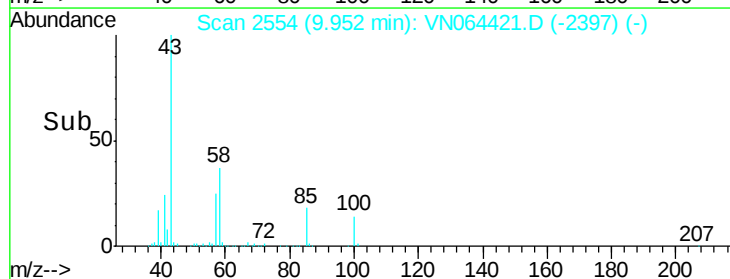
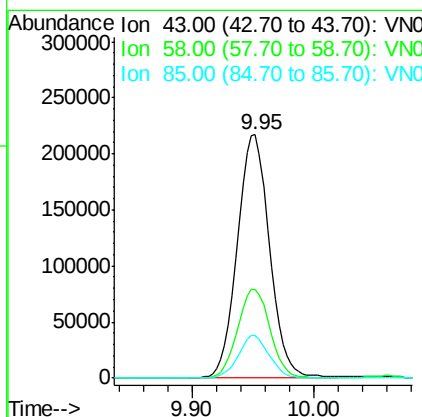
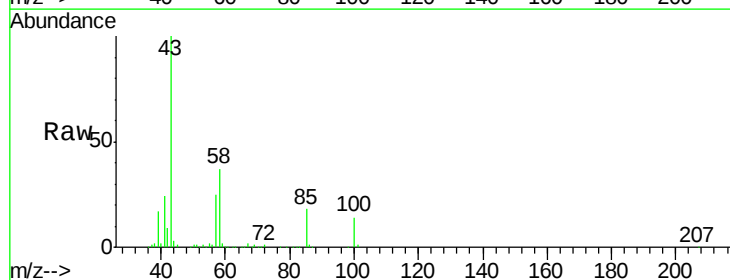
Manual Integrations
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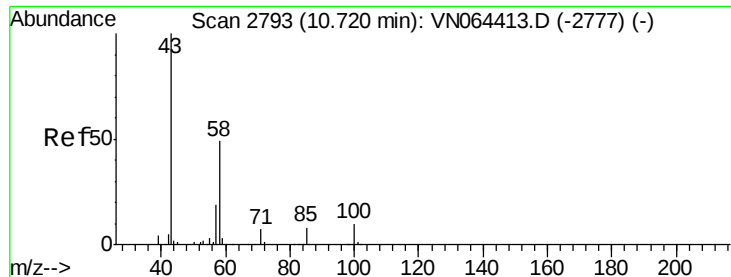
MMDadoda
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#58
4-Methyl-2-Pentanone
Concen: 91.063 ug/l
RT: 9.95 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN064421.D
Acq: 2 Nov 2020 18:01

Tgt Ion	Ratio	Lower	Upper
43	100		
58	36.8	28.6	43.0
85	16.8	13.5	20.3





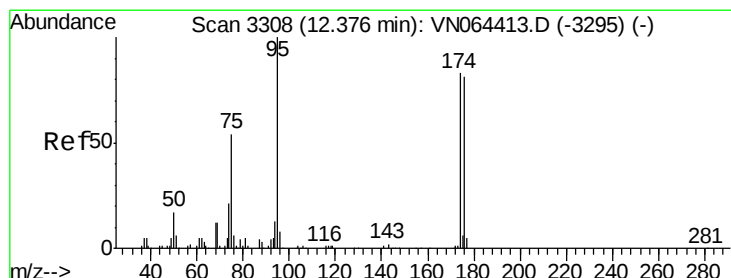
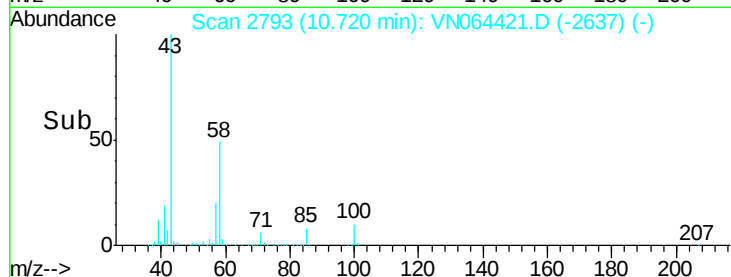
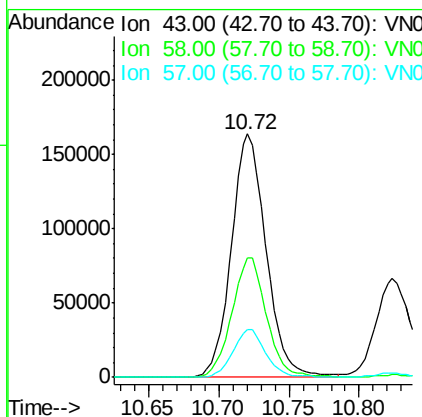
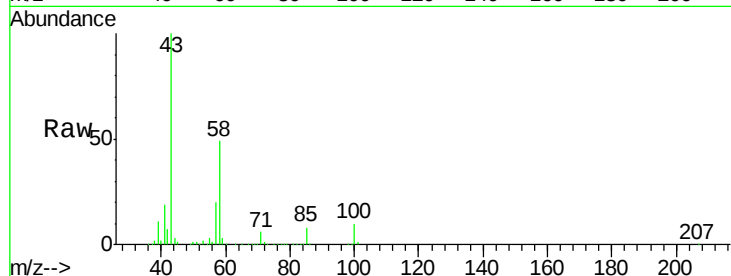
#59
2-Hexanone
Concen: 87.070 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN064421.D
Acq: 2 Nov 2020 18:01

Instrument :
MSVOA_N
ClientSampleId :
VN1102WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	49.5	39.4	59.0
57	18.7	14.4	21.6

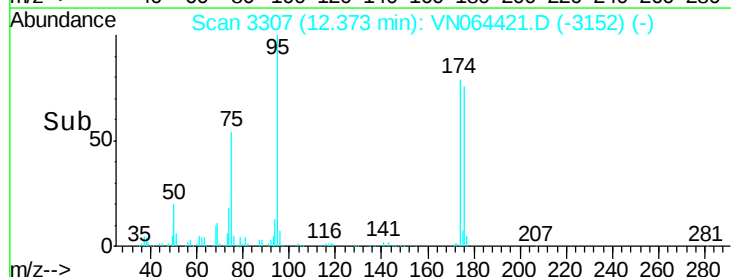
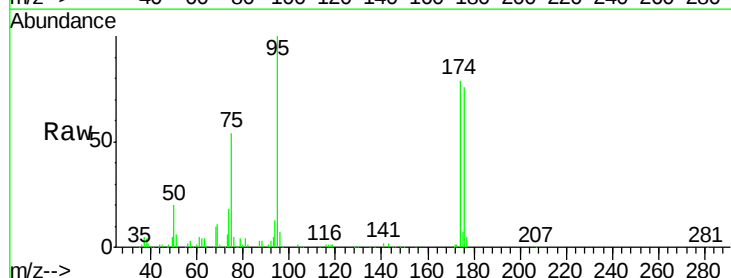
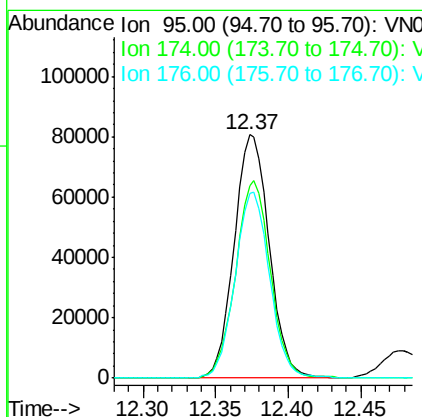
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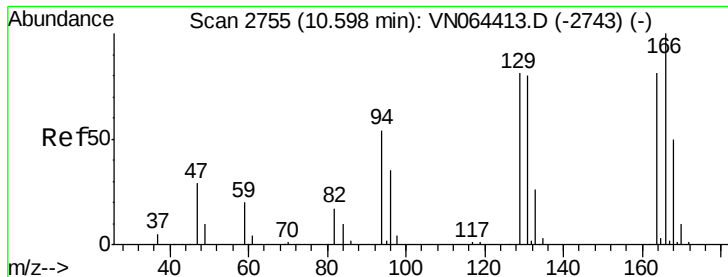
MMDadoda
11/3/2020 2:20:55 PM



#60
4-Bromofluorobenzene
Concen: 29.349 ug/l
RT: 12.37 min Scan# 3307
Delta R.T. -0.00 min
Lab File: VN064421.D
Acq: 2 Nov 2020 18:01

Tgt Ion	Ratio	Lower	Upper
95	100		
174	80.2	65.2	97.8
176	75.5	62.2	93.4





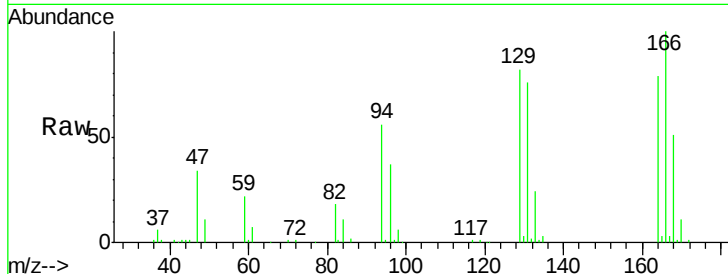
#61
Tetrachloroethene
Concen: 17.578 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN064421.D
Acq: 2 Nov 2020 18:01

Instrument :
MSVOA_N
ClientSampleId :
VN1102WBS01

Tot Ion	Ratio	Lower	Upper
164	100		
166	126.9	98.7	148.1
129	103.8	80.2	120.4
131	95.9	78.7	118.1

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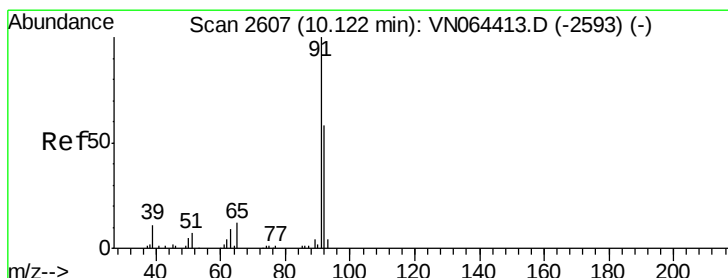
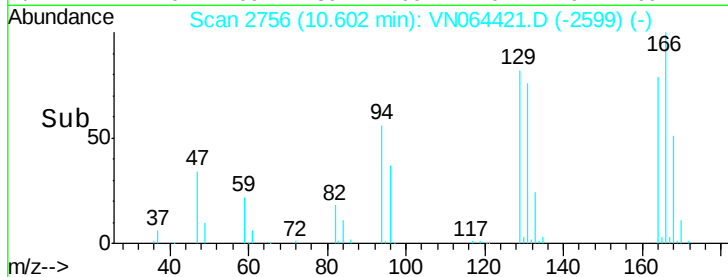
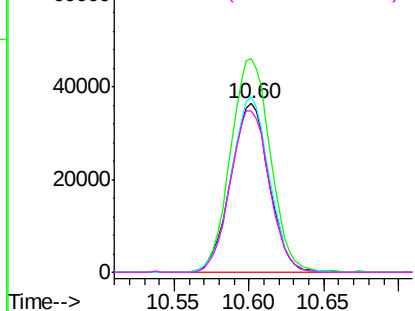


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

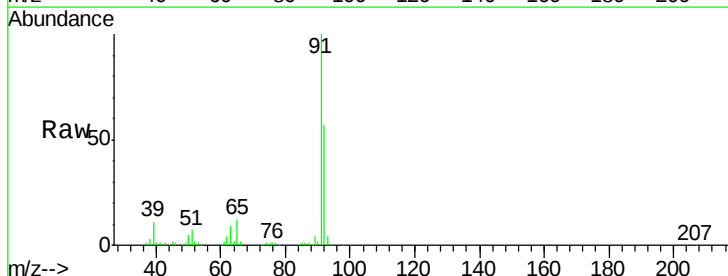
Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



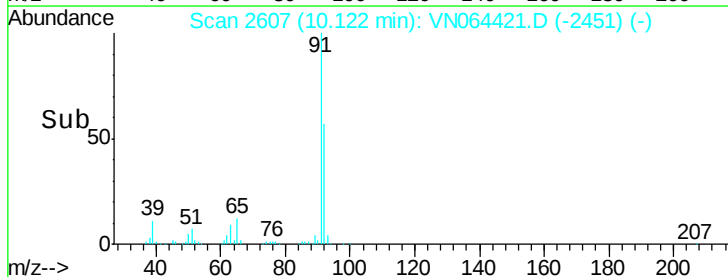
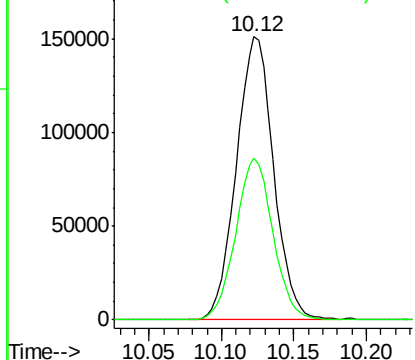
#62
Toluene
Concen: 17.629 ug/l
RT: 10.12 min Scan# 2607
Delta R.T. 0.00 min
Lab File: VN064421.D
Acq: 2 Nov 2020 18:01

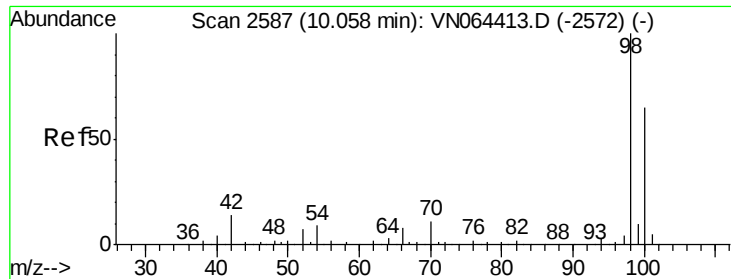
Tgt Ion	Ratio	Lower	Upper
91	100		
92	57.0	46.2	69.4



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V





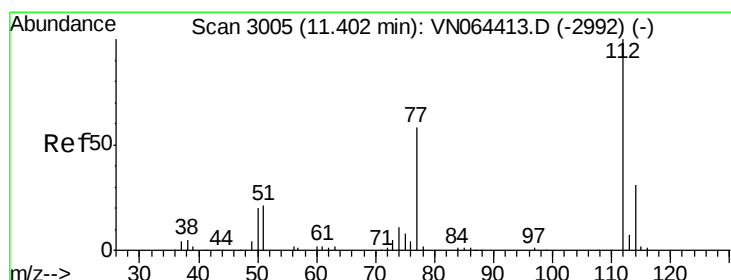
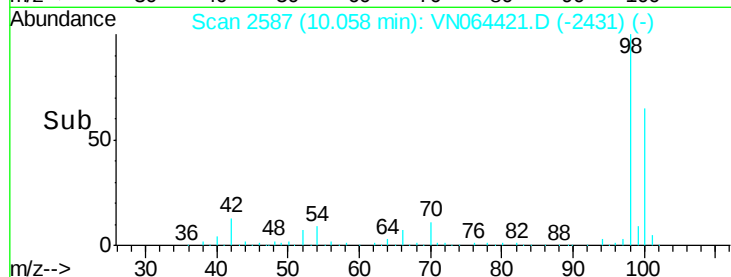
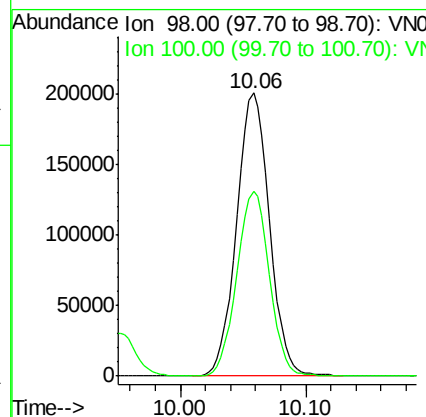
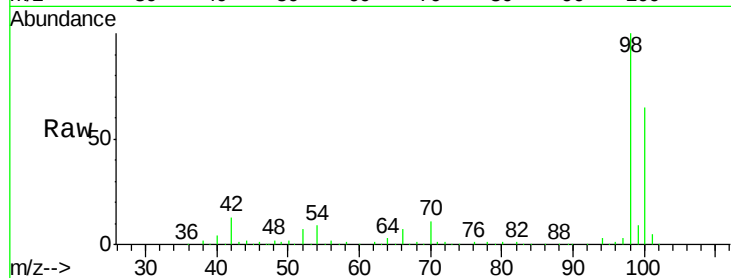
#63
Toluene-d8
Concen: 30.029 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN064421.D
Acq: 2 Nov 2020 18:01

Instrument :
MSVOA_N
ClientSampleId :
VN1102WBS01

Tot Ion: 98 Resp: 366501
Ion Ratio Lower Upper
98 100
100 64.3 51.9 77.9

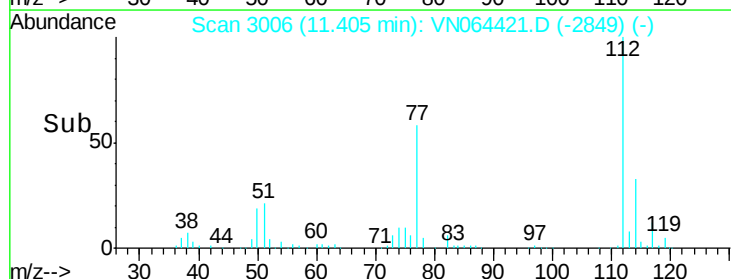
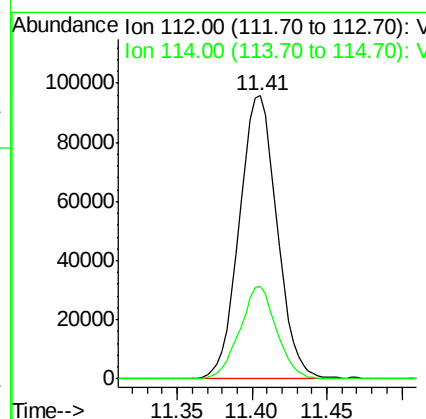
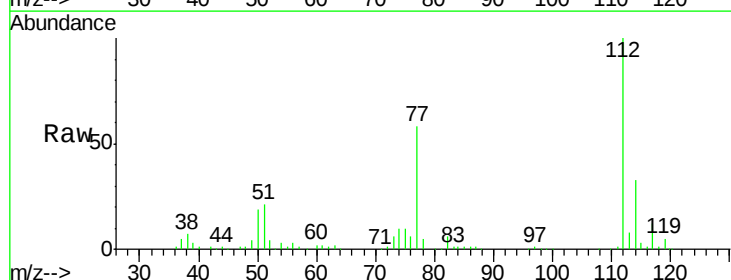
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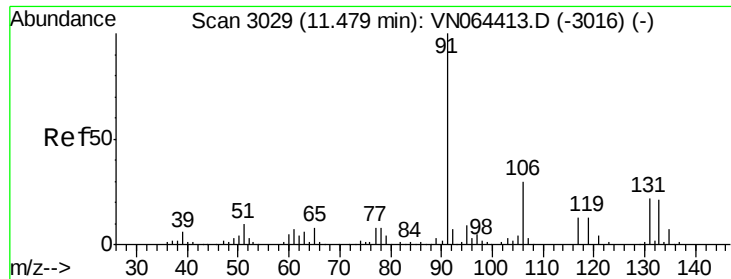
MMDadoda
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#64
Chlorobenzene
Concen: 17.557 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN064421.D
Acq: 2 Nov 2020 18:01

Tgt Ion: 112 Resp: 168497
Ion Ratio Lower Upper
112 100
114 32.5 24.8 37.2





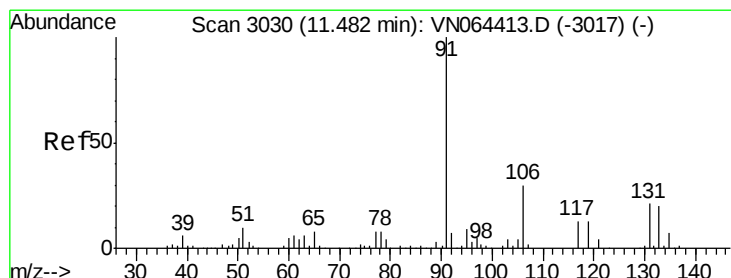
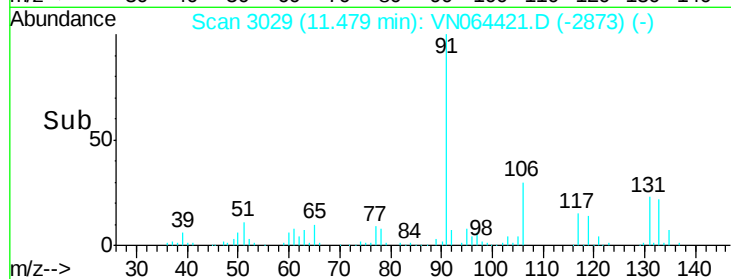
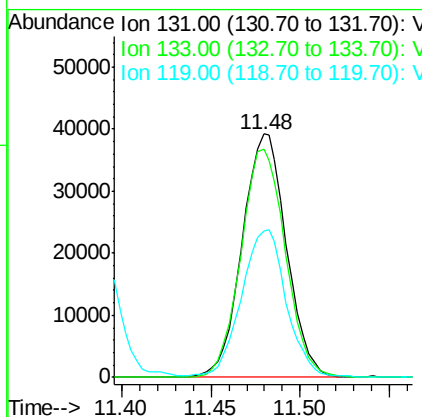
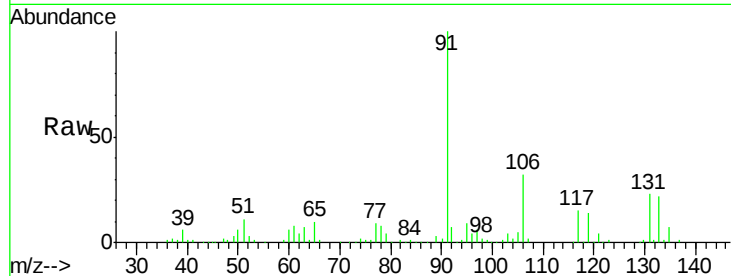
#65
1,1,1,2-Tetrachloroethane
Concen: 18.216 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN064421.D
Acq: 2 Nov 2020 18:01

Instrument :
MSVOA_N
ClientSampleId :
VN1102WBS01

Tot Ion:131 Resp: 67924
Ion Ratio Lower Upper
131 100
133 94.6 0.0 191.2
119 60.9 0.0 125.6

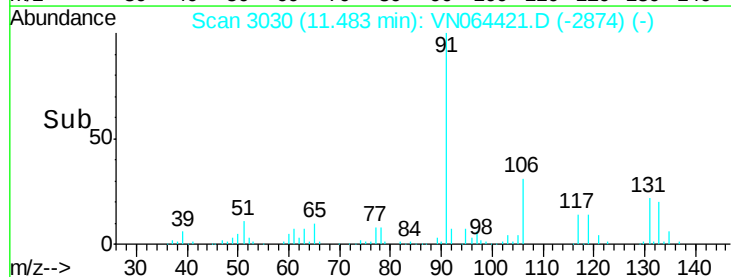
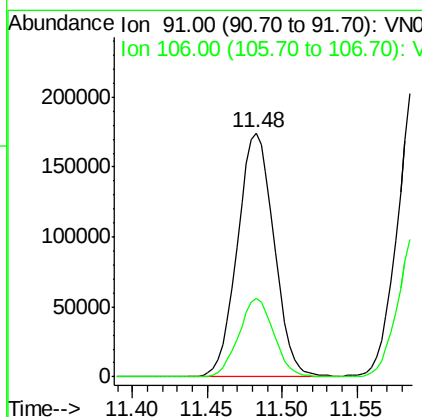
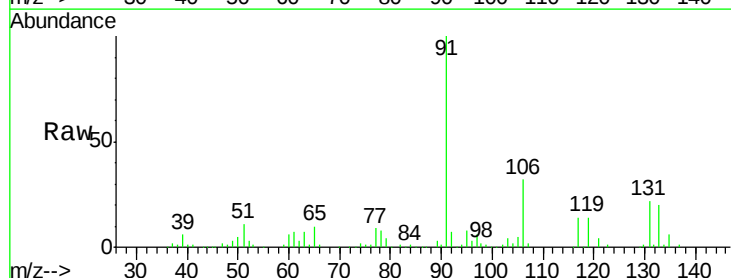
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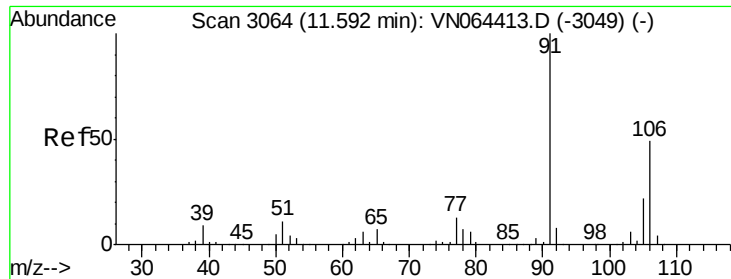
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#66
Ethyl Benzene
Concen: 17.567 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064421.D
Acq: 2 Nov 2020 18:01

Tgt Ion: 91 Resp: 297178
Ion Ratio Lower Upper
91 100
106 32.3 23.9 35.9





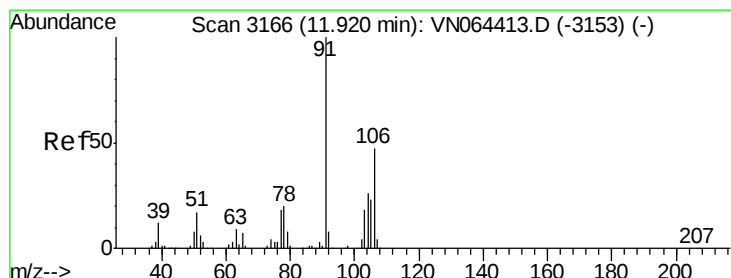
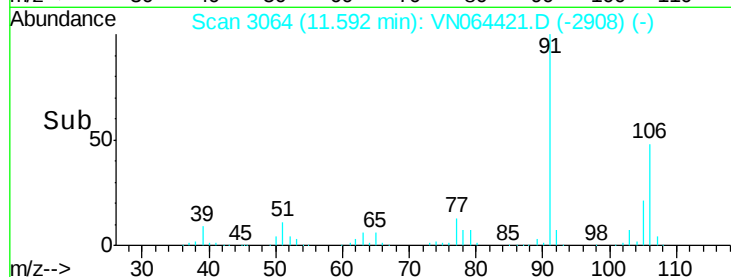
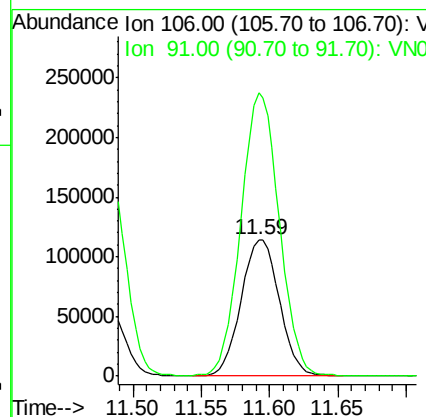
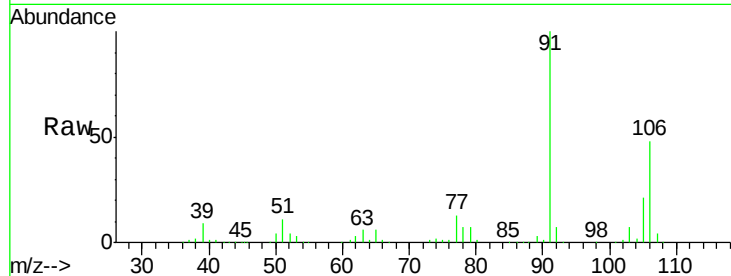
#67
m/p-Xylenes
Concen: 35.091 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. 0.00 min
Lab File: VN064421.D
Acq: 2 Nov 2020 18:01

Instrument :
MSVOA_N
ClientSampled :
VN1102WBS01

Tot Ion:106 Resp: 223277
Ion Ratio Lower Upper
106 100
91 205.8 166.8 250.2

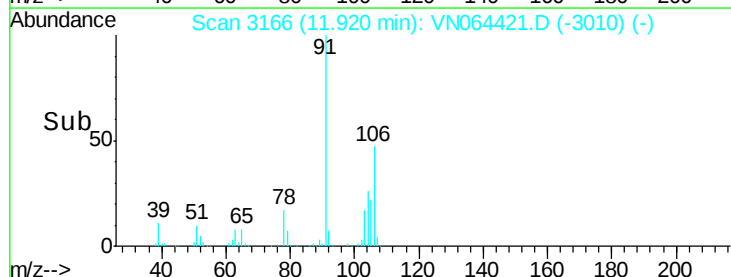
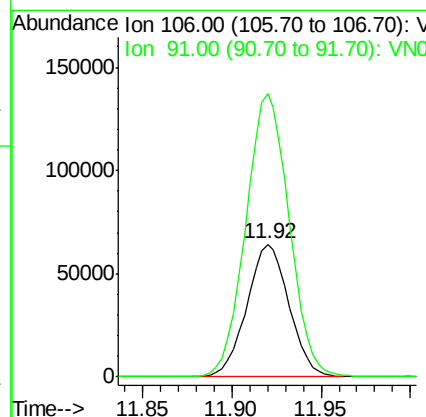
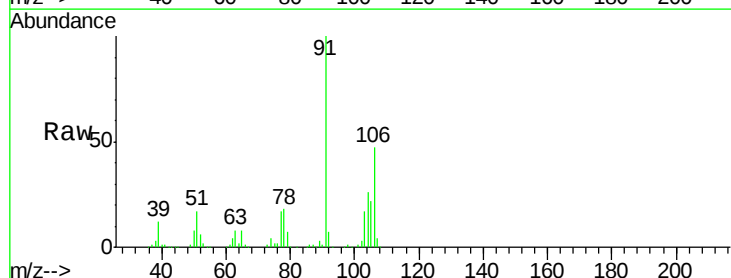
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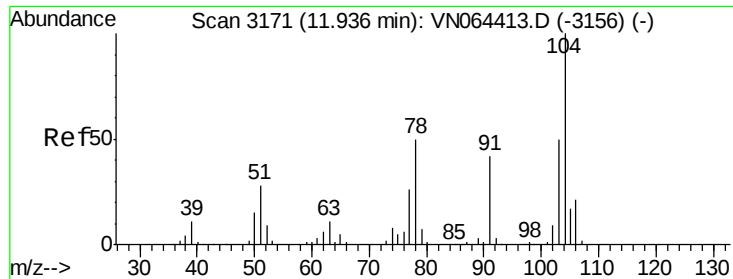
MMDadoda
11/3/2020 2:20:55 PM



#68
o-Xylene
Concen: 17.303 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN064421.D
Acq: 2 Nov 2020 18:01

Tgt Ion:106 Resp: 106096
Ion Ratio Lower Upper
106 100
91 219.6 106.7 320.1





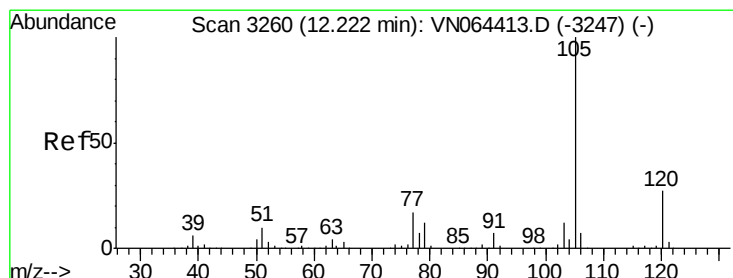
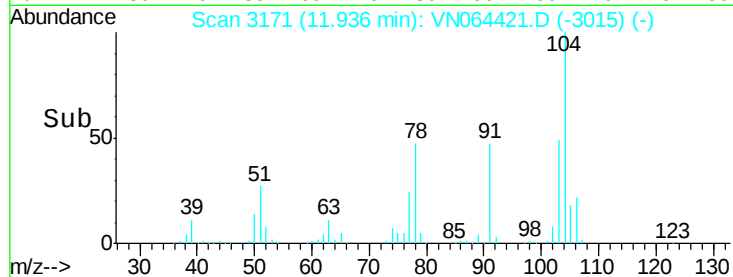
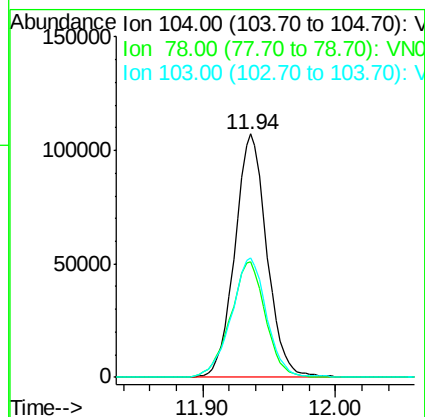
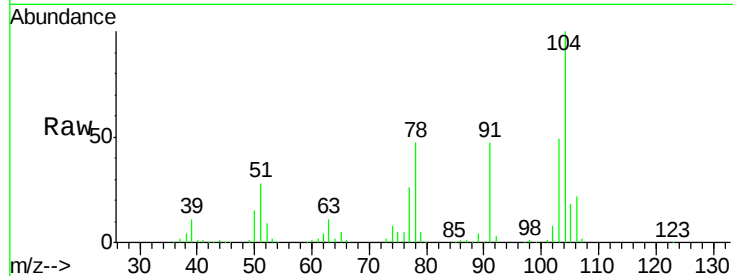
#69
Stvrene
Concen: 17.605 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. 0.00 min
Lab File: VN064421.D
Acq: 2 Nov 2020 18:01

Instrument :
MSVOA_N
ClientSampleId :
VN1102WBS01

Tot Ion	Ratio	Resp	Lower	Upper
104	100	179998		
78	51.6	44.3	66.5	
103	53.6	43.5	65.3	

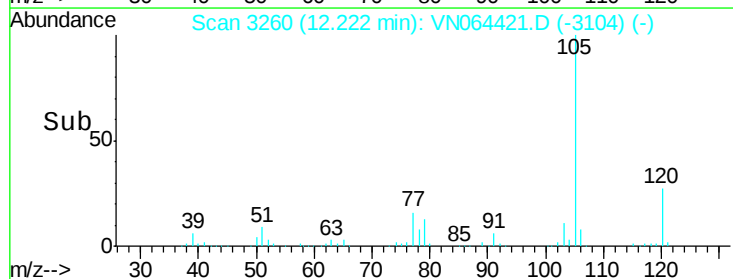
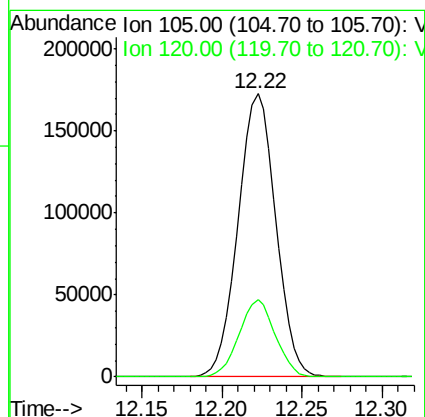
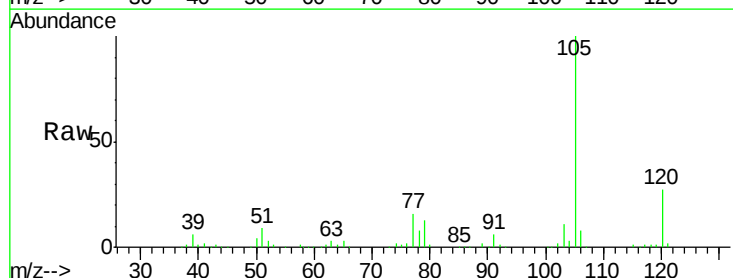
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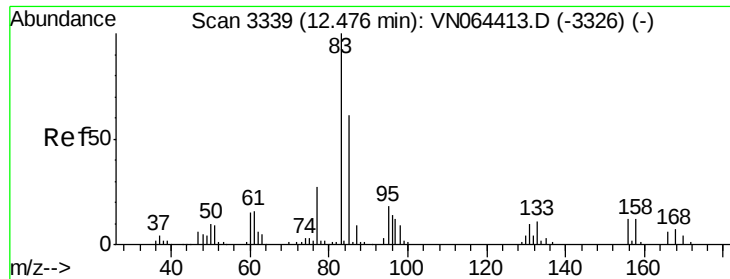
MMDadoda
11/3/2020 2:20:55 PM



#70
Isopropylbenzene
Concen: 17.461 ug/l
RT: 12.22 min Scan# 3260
Delta R.T. 0.00 min
Lab File: VN064421.D
Acq: 2 Nov 2020 18:01

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	276986		
120	26.1	18.0	33.4	





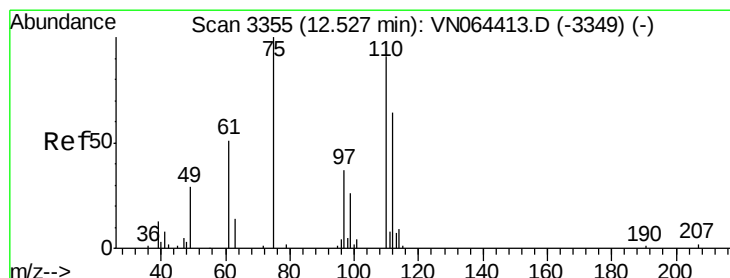
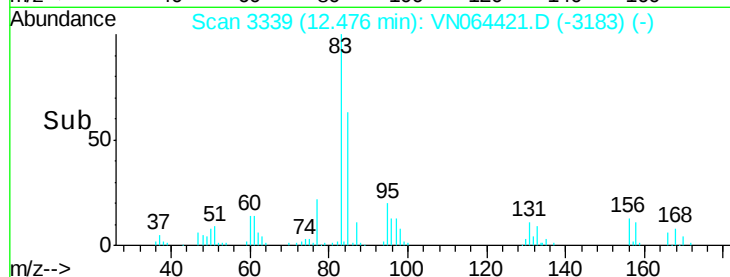
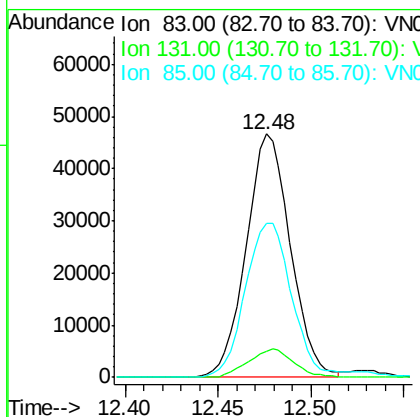
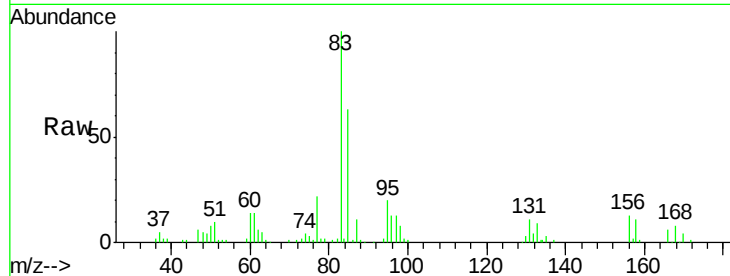
#71
 1,1,2,2-Tetrachloroethane
 Concen: 17.618 ug/l
 RT: 12.48 min Scan# 3339
 Delta R.T. 0.00 min
 Lab File: VN064421.D
 Acq: 2 Nov 2020 18:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1102WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
131	11.9	5.3	16.1
85	66.4	30.9	92.7

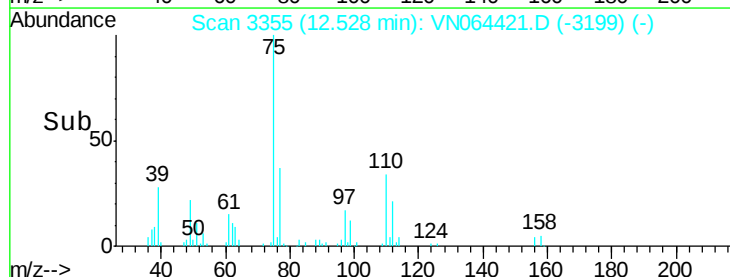
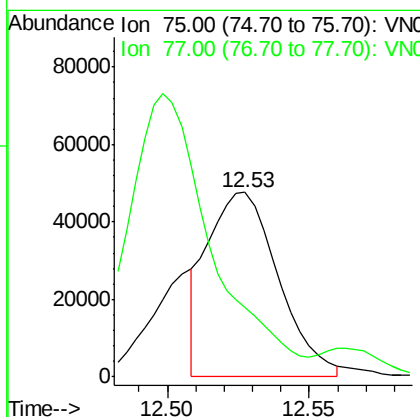
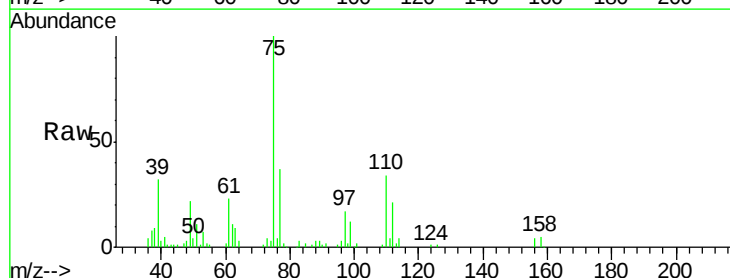
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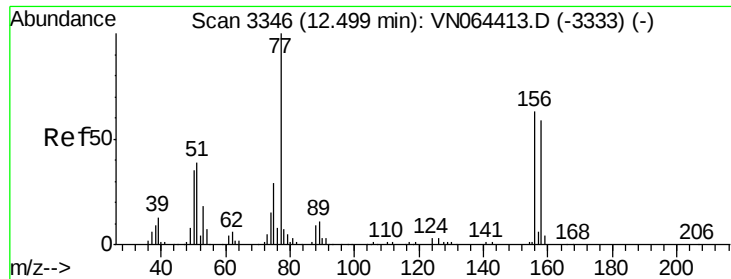
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#72
 1,2,3-Trichloropropane
 Concen: 17.923 ug/l m
 RT: 12.53 min Scan# 3355
 Delta R.T. 0.00 min
 Lab File: VN064421.D
 Acq: 2 Nov 2020 18:01

Tgt Ion	Ratio	Lower	Upper
75	100		
77	182.5	0.0	374.2





#73

Bromobenzene

Concen: 17.337 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064421.D

Acq: 2 Nov 2020 18:01

Instrument :

MSVOA_N

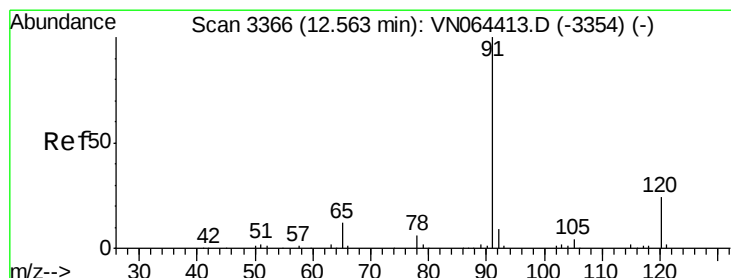
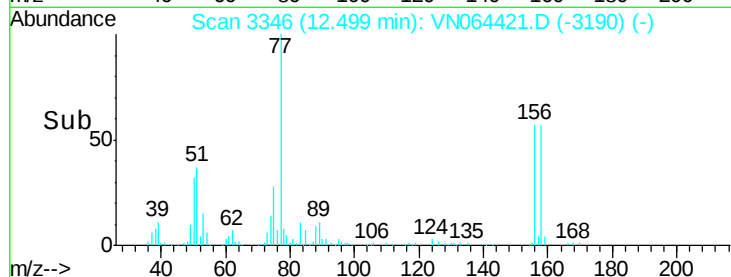
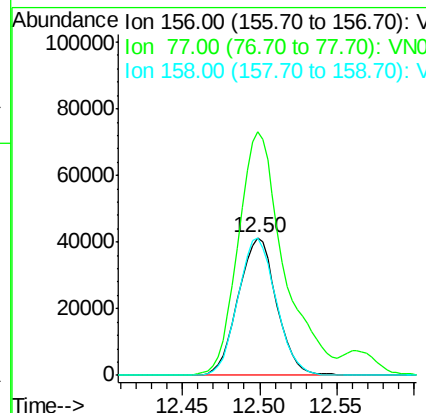
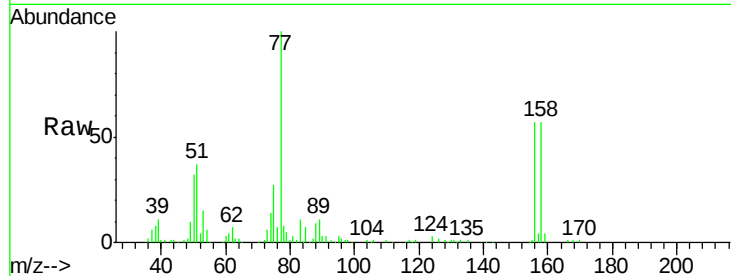
ClientSampleId :

VN1102WBS01

Tot Ion:	156	Resp:	71355
Ion Ratio	Lower	Upper	
156	100		
77	211.2	0.0	409.4
158	99.2	0.0	192.0

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#74

n-propylbenzene

Concen: 17.319 ug/l

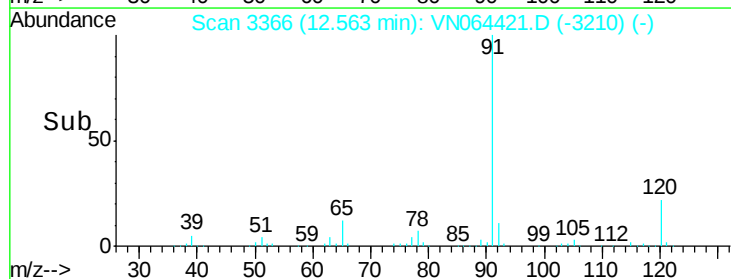
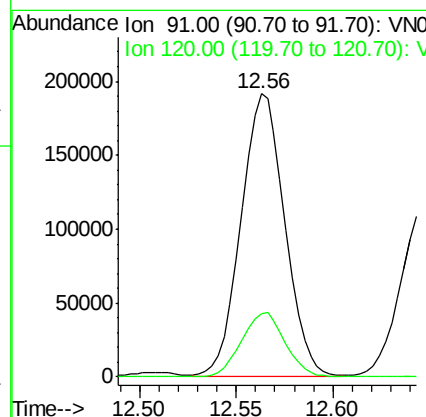
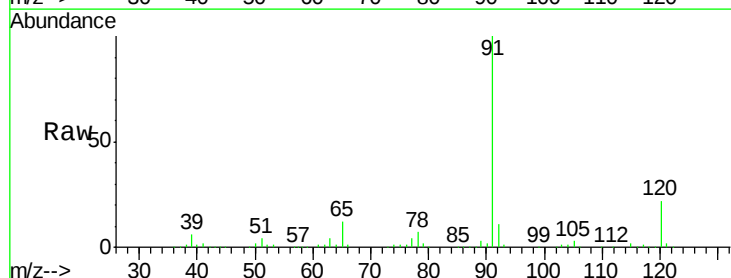
RT: 12.56 min Scan# 3366

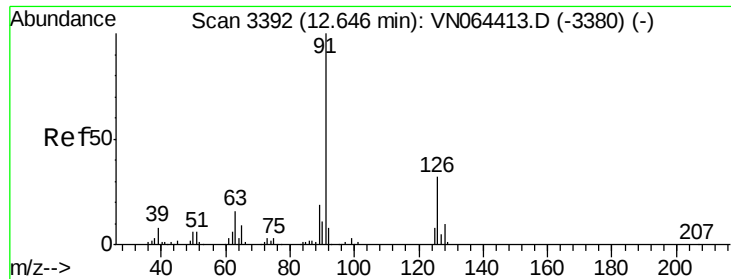
Delta R.T. 0.00 min

Lab File: VN064421.D

Acq: 2 Nov 2020 18:01

Tgt Ion:	91	Resp:	301258
Ion Ratio	Lower	Upper	
91	100		
120	22.7	0.0	47.4





#75

2-Chlorotoluene

Concen: 17.184 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. 0.00 min

Lab File: VN064421.D

Acq: 2 Nov 2020 18:01

Instrument :

MSVOA_N

ClientSampled :

VN1102WBS01

Tot Ion: 91 Resp: 189349

Ion Ratio Lower Upper

91 100

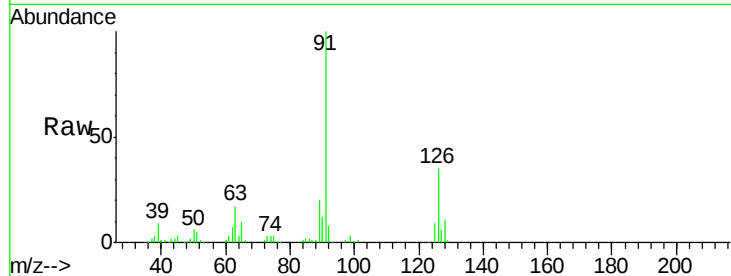
126 34.1 0.0 63.8

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VN064421.D (-3392) (-)

Ion 126.00 (125.70 to 126.70): VN064421.D (-3392) (-)

200000

150000

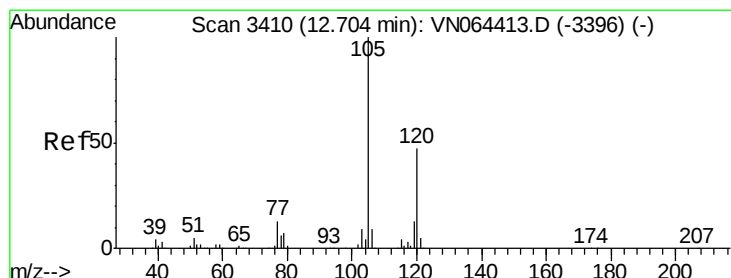
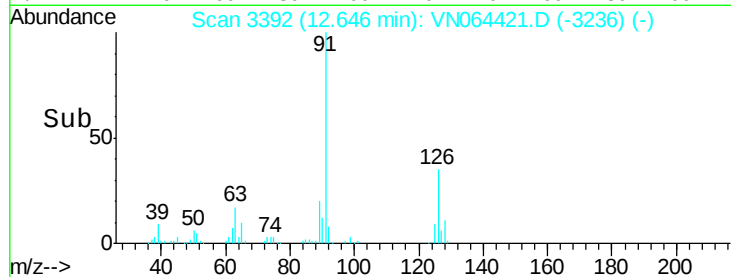
100000

50000

0

12.60 12.65 12.70

Time-->



#76

1,3,5-Trimethylbenzene

Concen: 17.288 ug/l

RT: 12.70 min Scan# 3410

Delta R.T. 0.00 min

Lab File: VN064421.D

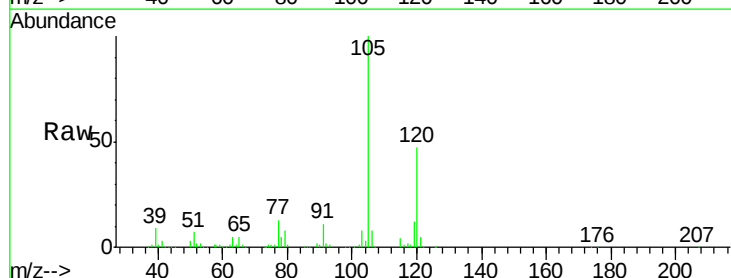
Acq: 2 Nov 2020 18:01

Tgt Ion: 105 Resp: 225908

Ion Ratio Lower Upper

105 100

120 48.2 0.0 95.0



Abundance Ion 105.00 (104.70 to 105.70): VN064421.D (-3410) (-)

Ion 120.00 (119.70 to 120.70): VN064421.D (-3410) (-)

150000

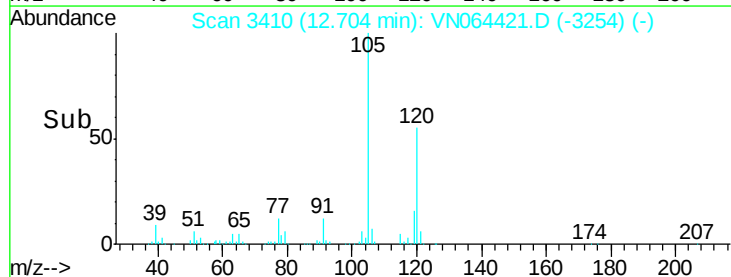
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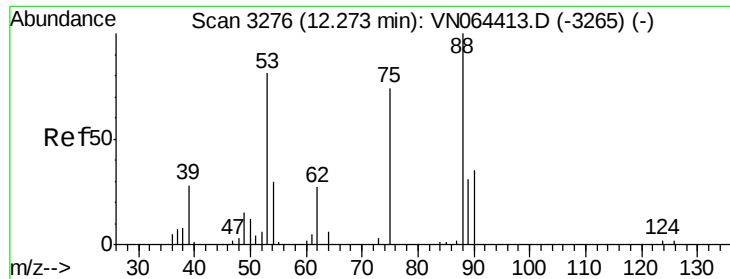
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0

12.65 12.70 12.75

Time-->





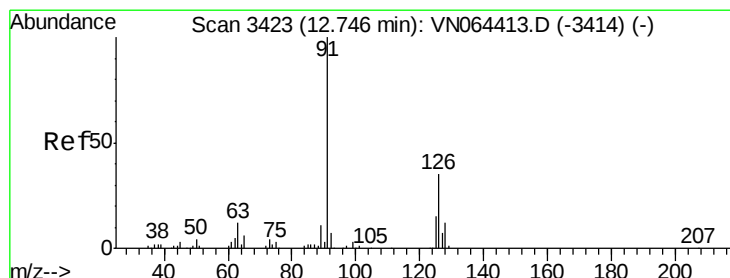
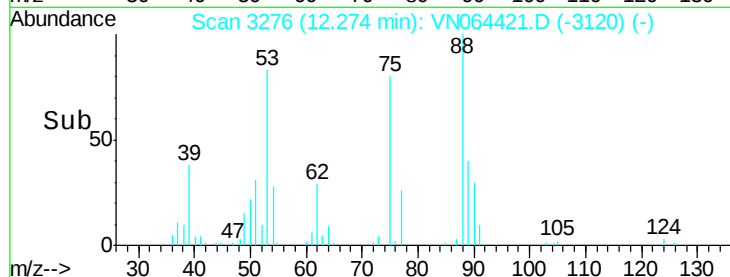
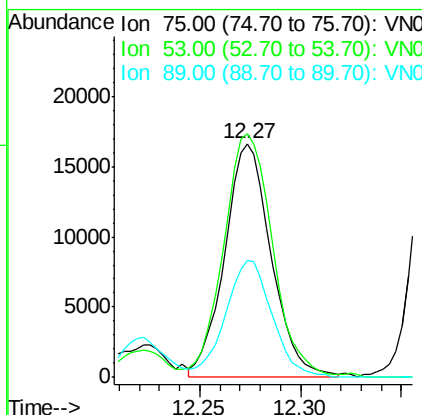
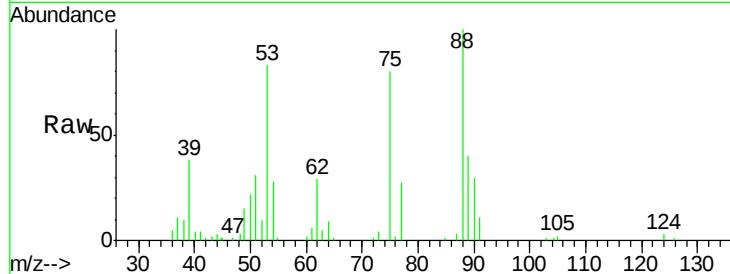
#77
t-1,4-Dichloro-2-butene
Concen: 16.560 ug/l
RT: 12.27 min Scan# 3276
Delta R.T. 0.00 min
Lab File: VN064421.D
Acq: 2 Nov 2020 18:01

Instrument :
MSVOA_N
ClientSampleId :
VN1102WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	104.1	54.1	162.4
89	50.9	23.1	69.3

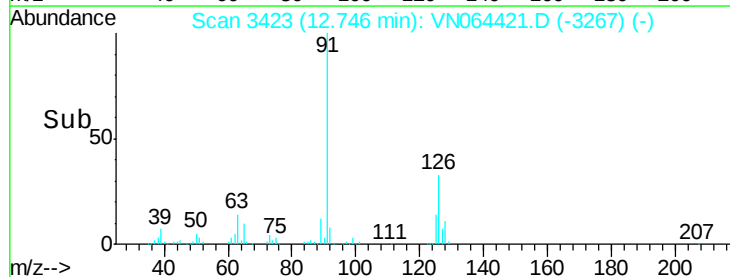
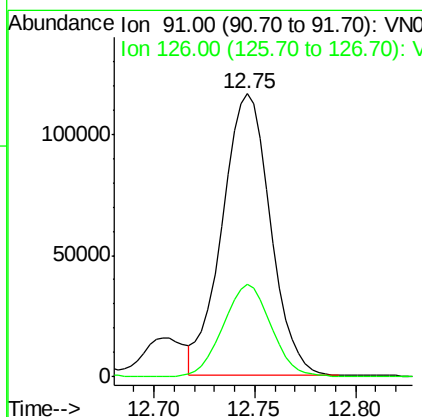
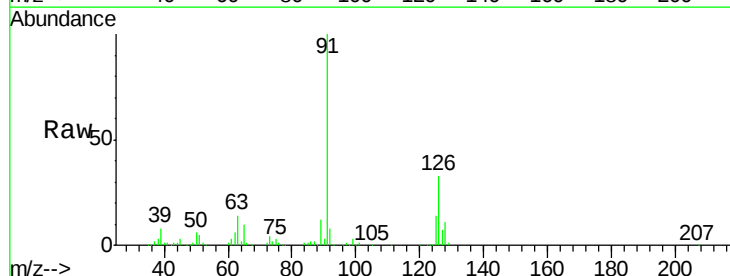
Manual Integrations
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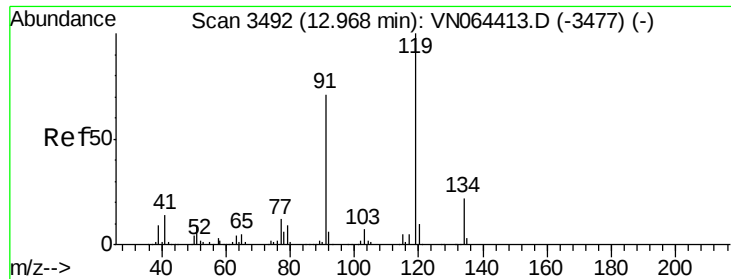
MMDadoda
11/3/2020 2:20:55 PM



#78
4-Chlorotoluene
Concen: 16.994 ug/l
RT: 12.75 min Scan# 3423
Delta R.T. 0.00 min
Lab File: VN064421.D
Acq: 2 Nov 2020 18:01

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.9	0.0	63.2





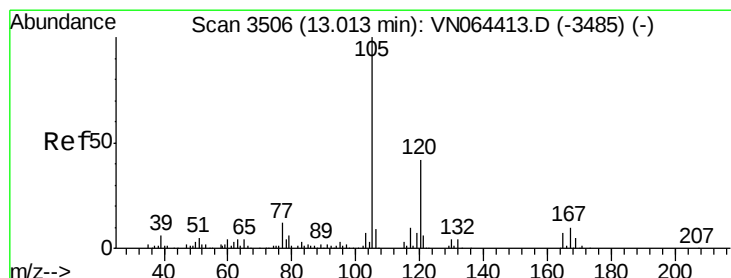
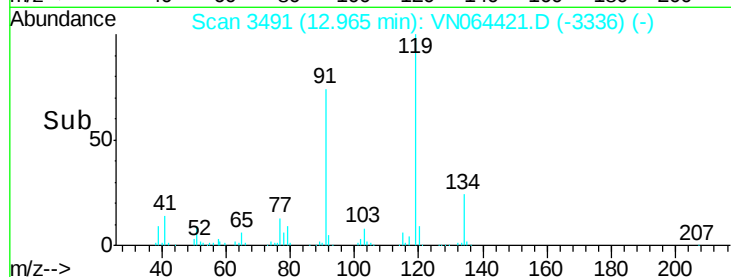
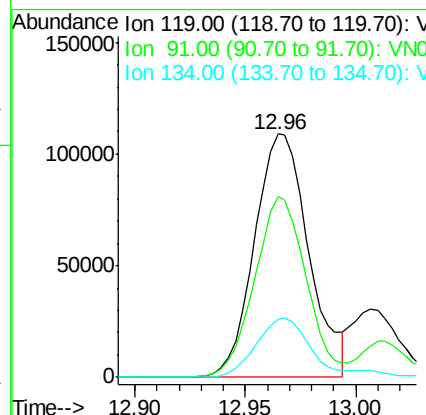
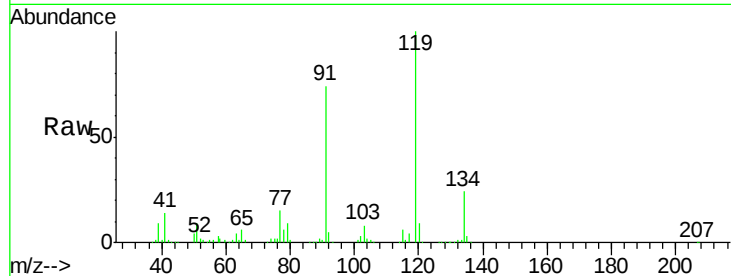
#79
tert-butylbenzene
Concen: 17.788 ug/l
RT: 12.96 min Scan# 3491
Delta R.T. -0.00 min
Lab File: VN064421.D
Acq: 2 Nov 2020 18:01

Instrument :
MSVOA_N
ClientSampled :
VN1102WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	185910		
91	70.3	0.0	140.4	
134	23.5	0.0	46.2	

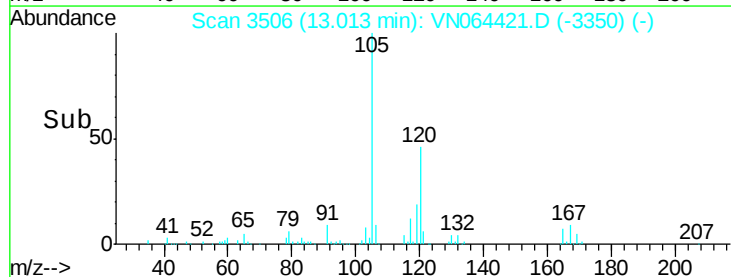
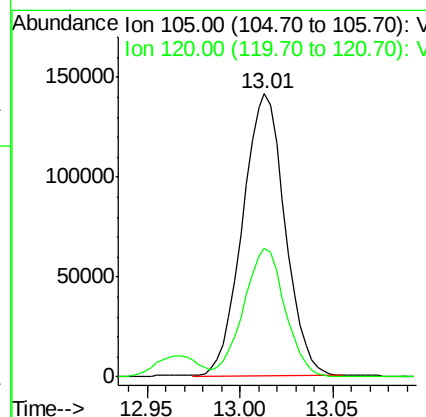
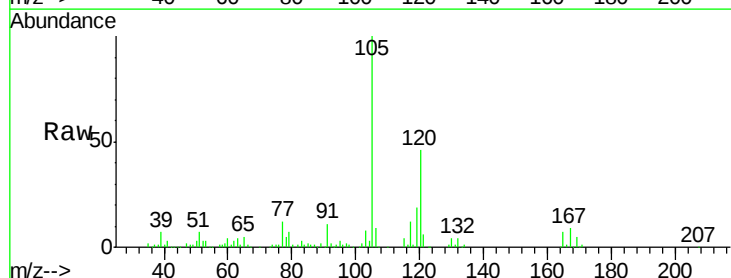
Manual Integrations
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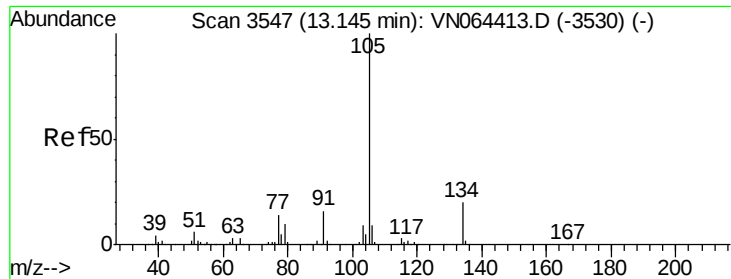
MMDadoda
11/3/2020 2:20:55 PM



#80
1,2,4-Trimethylbenzene
Concen: 16.996 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. 0.00 min
Lab File: VN064421.D
Acq: 2 Nov 2020 18:01

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	225016		
120	44.7	0.0	88.0	





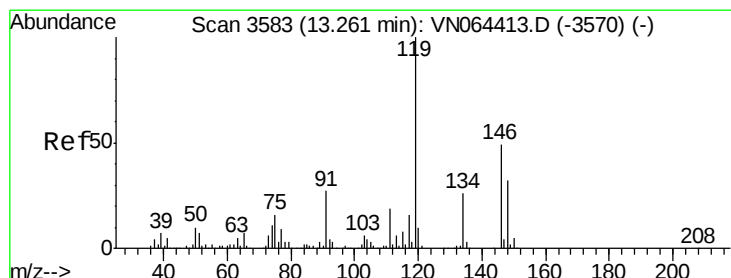
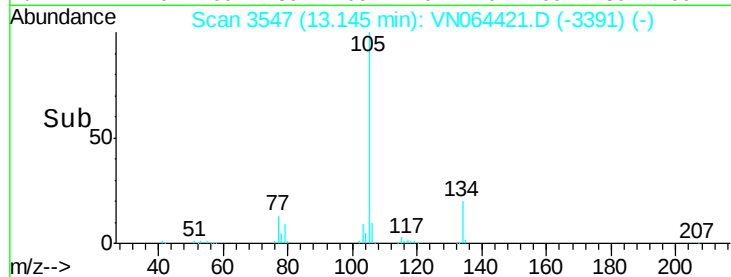
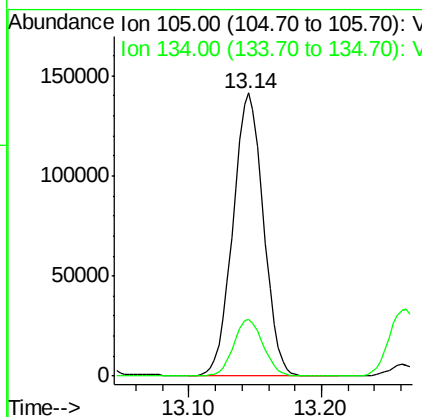
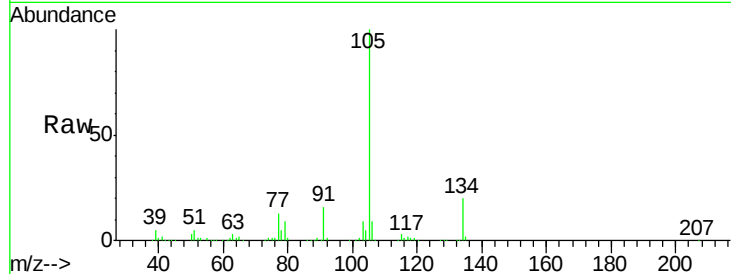
#81
 sec-Butylbenzene
 Concen: 17.064 ug/l
 RT: 13.14 min Scan# 3547
 Delta R.T. 0.00 min
 Lab File: VN064421.D
 Acq: 2 Nov 2020 18:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1102WBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.5	0.0	39.2

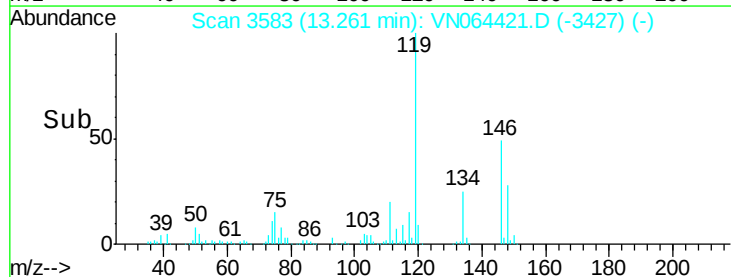
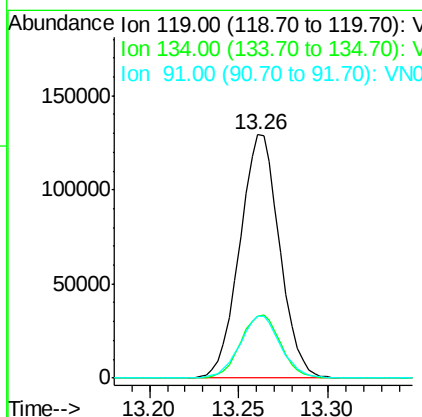
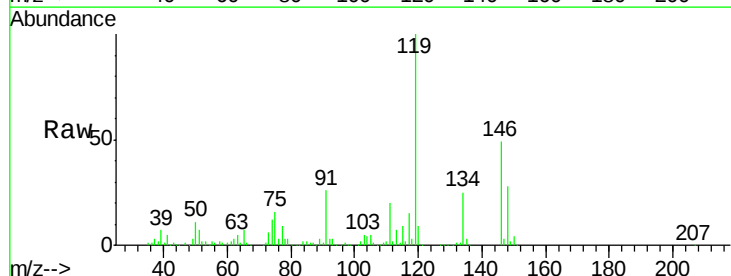
Manual Integrations
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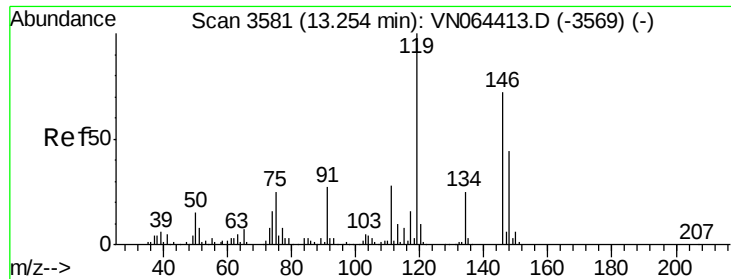
MMDadoda
 11/3/2020 2:20:55 PM



#82
 p-Isopropyltoluene
 Concen: 16.651 ug/l
 RT: 13.26 min Scan# 3583
 Delta R.T. 0.00 min
 Lab File: VN064421.D
 Acq: 2 Nov 2020 18:01

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.1	0.0	51.0
91	26.1	0.0	51.4





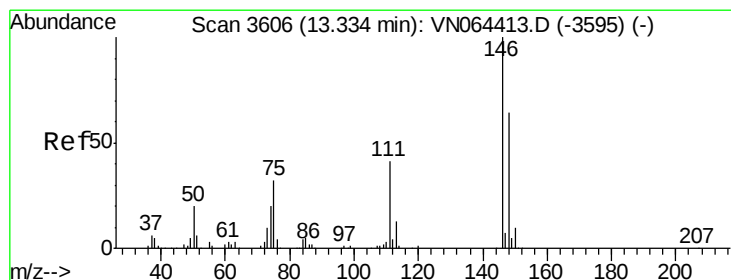
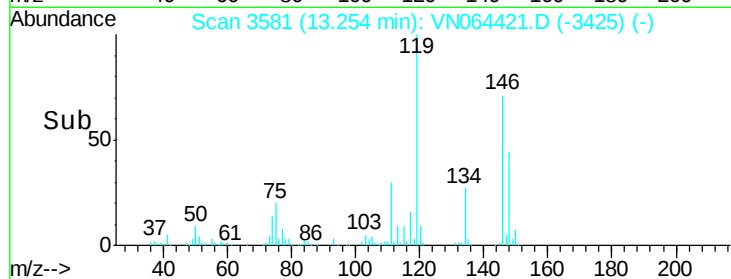
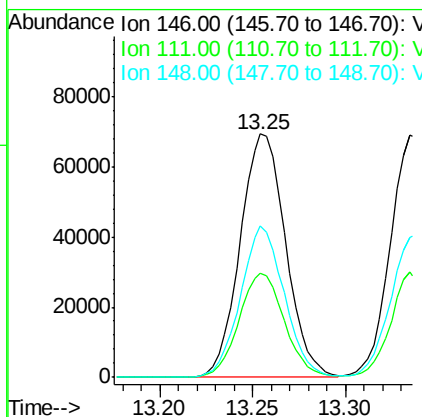
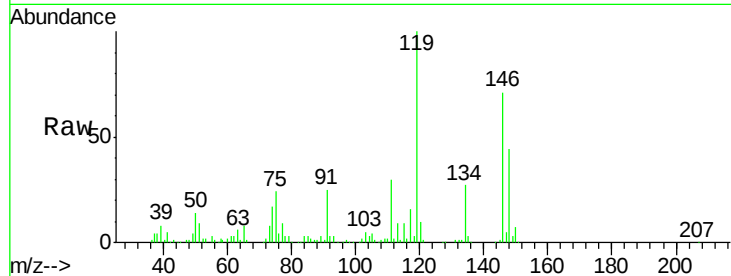
#83
 1,3-Dichlorobenzene
 Concen: 16.974 ug/l
 RT: 13.25 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN064421.D
 Acq: 2 Nov 2020 18:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1102WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.7	20.5	61.6
148	59.9	31.9	95.5

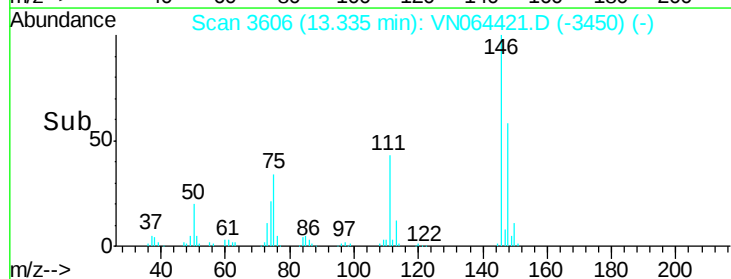
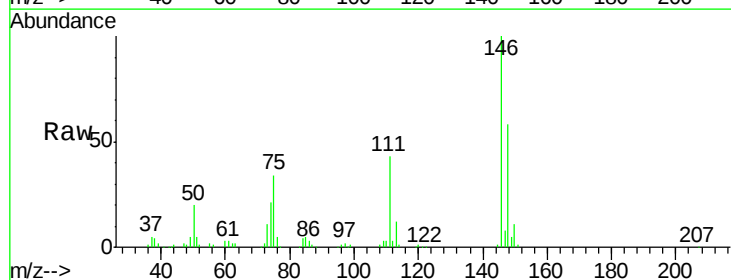
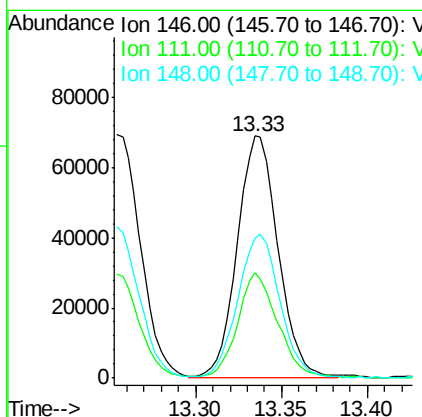
Manual Integrations
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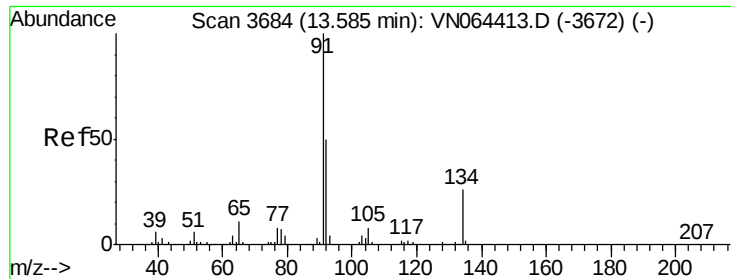
MMDadoda
 11/3/2020 2:20:55 PM



#84
 1,4-Dichlorobenzene
 Concen: 16.206 ug/l
 RT: 13.33 min Scan# 3606
 Delta R.T. 0.00 min
 Lab File: VN064421.D
 Acq: 2 Nov 2020 18:01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.1	19.9	59.6
148	61.4	31.9	95.5





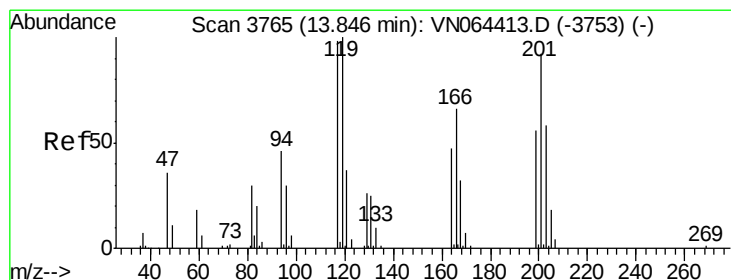
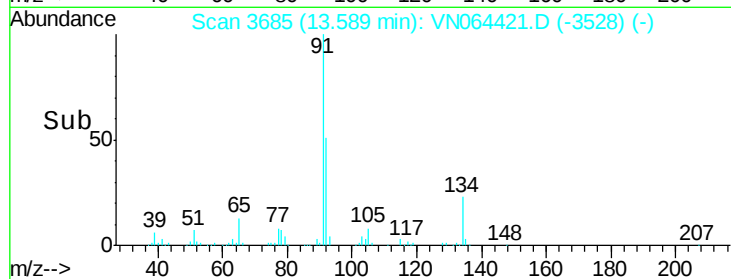
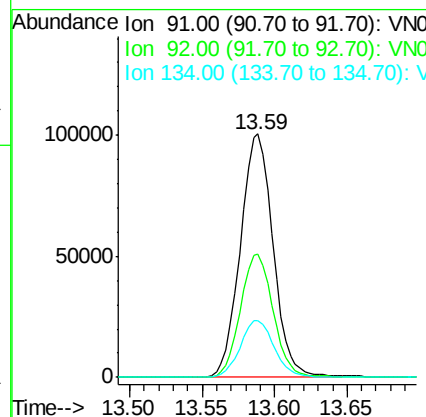
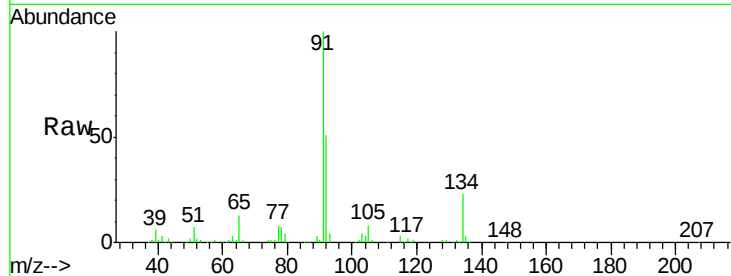
#85
n-Butylbenzene
Concen: 16.386 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN064421.D
Acq: 2 Nov 2020 18:01

Instrument :
MSVOA_N
ClientSampleId :
VN1102WBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	50.5	0.0	99.4	
134	24.1	0.0	50.0	

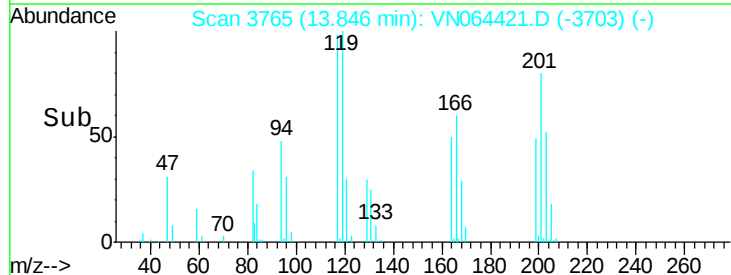
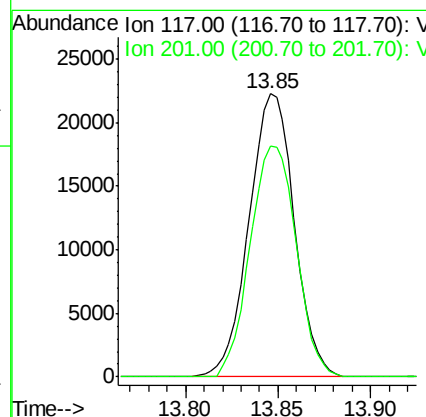
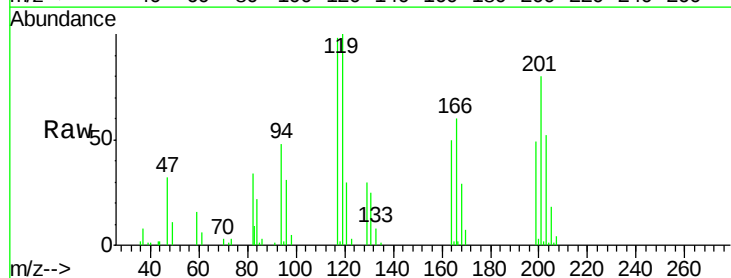
Manual Integrations
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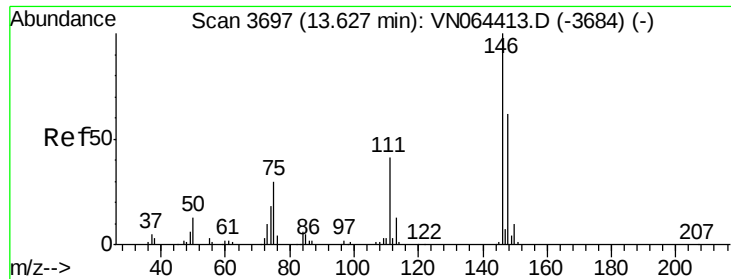
MMDadoda
11/3/2020 2:20:55 PM



#86
Hexachloroethane
Concen: 16.733 ug/l
RT: 13.85 min Scan# 3765
Delta R.T. 0.00 min
Lab File: VN064421.D
Acq: 2 Nov 2020 18:01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	82.9	42.7	128.1	





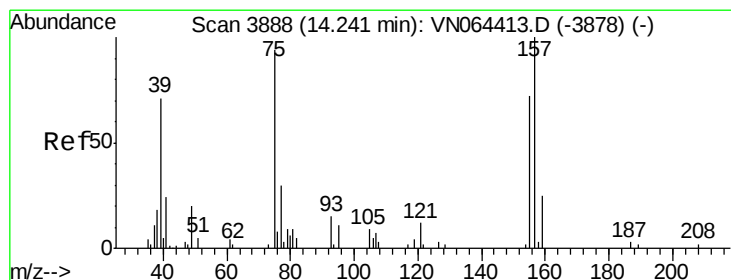
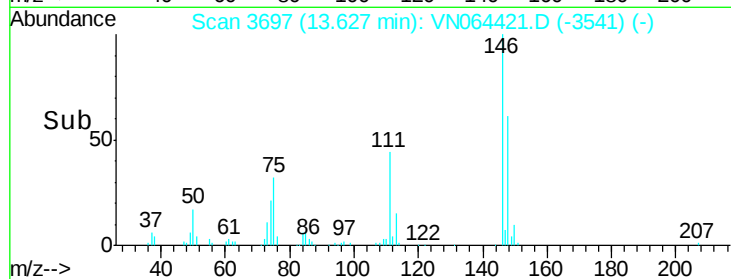
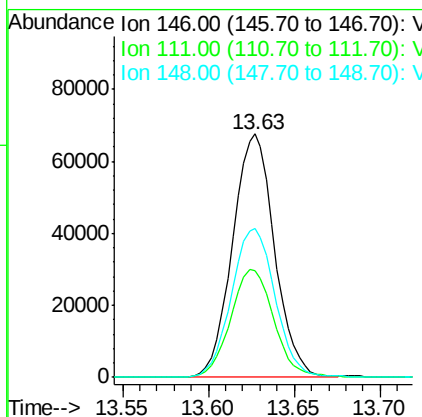
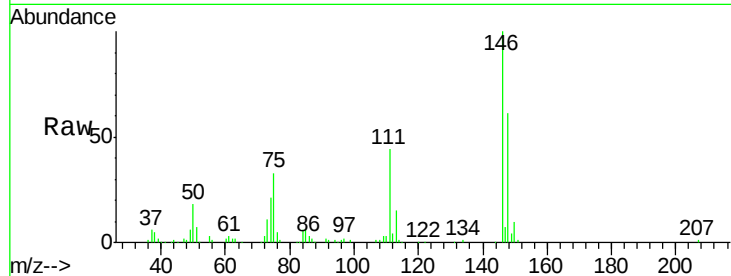
#87
 1,2-Dichlorobenzene
 Concen: 17.035 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064421.D
 Acq: 2 Nov 2020 18:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1102WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	45.7	21.3	64.0
148	63.4	31.7	95.1

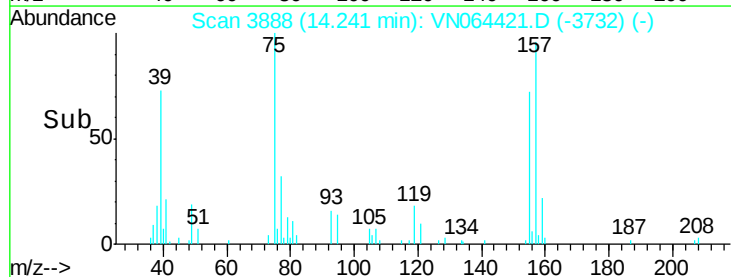
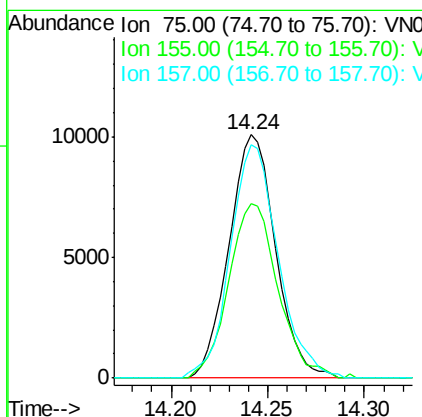
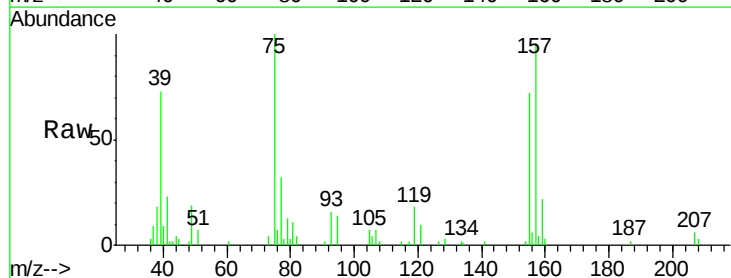
Manual Integrations
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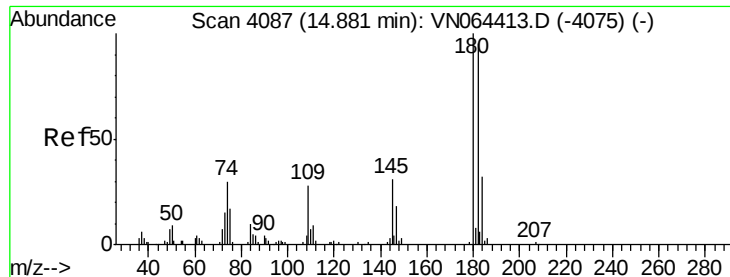
MMDadoda
 11/3/2020 2:20:55 PM



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 17.813 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. 0.00 min
 Lab File: VN064421.D
 Acq: 2 Nov 2020 18:01

Tgt Ion	Ratio	Lower	Upper
75	100		
155	74.5	66.2	99.2
157	98.2	82.7	124.1





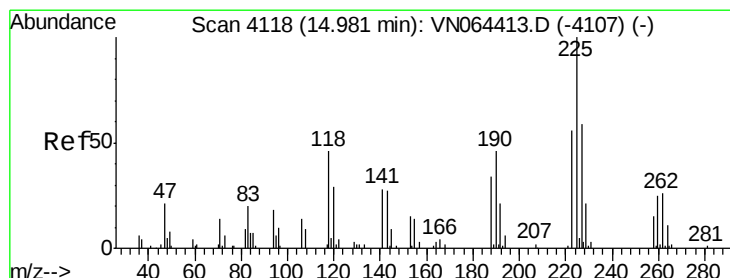
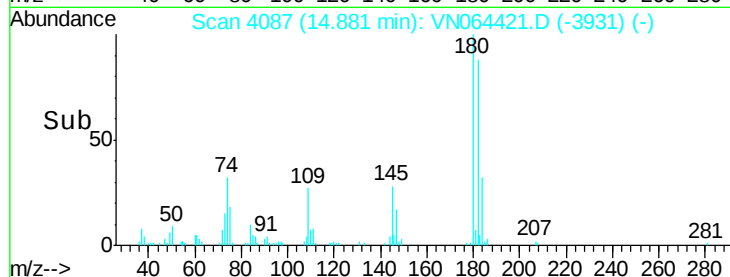
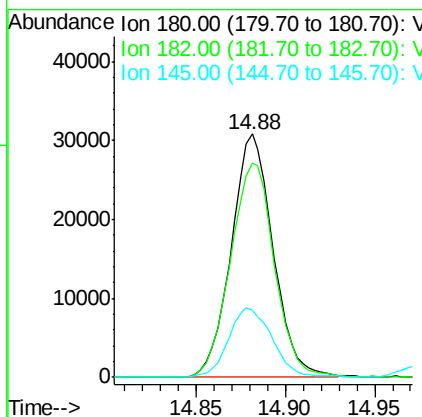
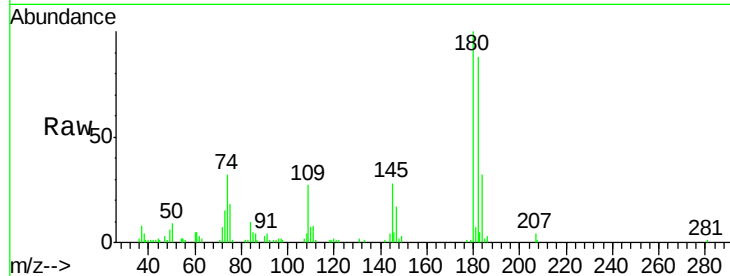
#89
 1,2,4-Trichlorobenzene
 Concen: 15.286 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064421.D
 Acq: 2 Nov 2020 18:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1102WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.6	72.6	108.8
145	29.9	24.3	36.5

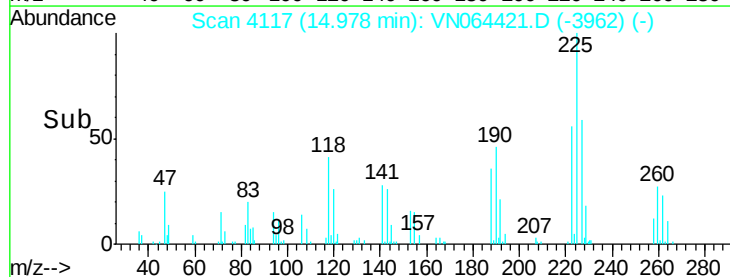
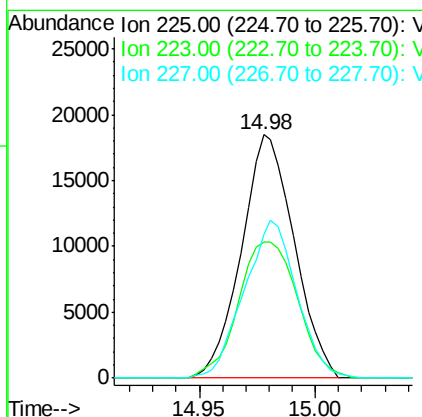
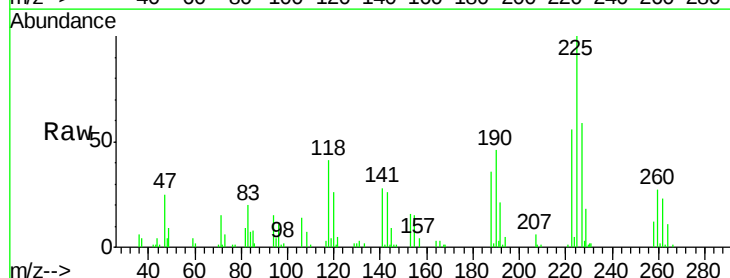
Manual Integrations
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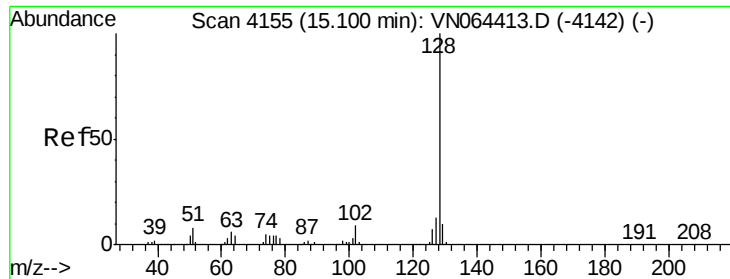
MMDadoda
 11/3/2020 2:20:55 PM



#90
 Hexachlorobutadiene
 Concen: 16.618 ug/l
 RT: 14.98 min Scan# 4117
 Delta R.T. -0.00 min
 Lab File: VN064421.D
 Acq: 2 Nov 2020 18:01

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	0.0	125.6
227	64.4	0.0	121.6





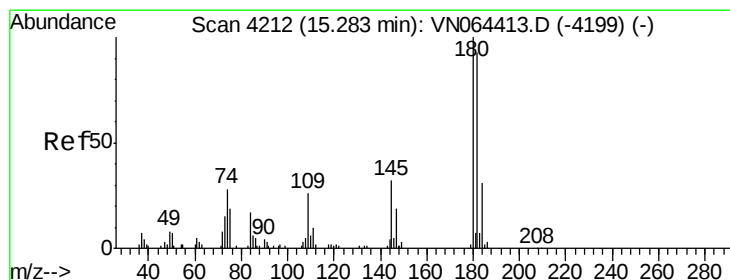
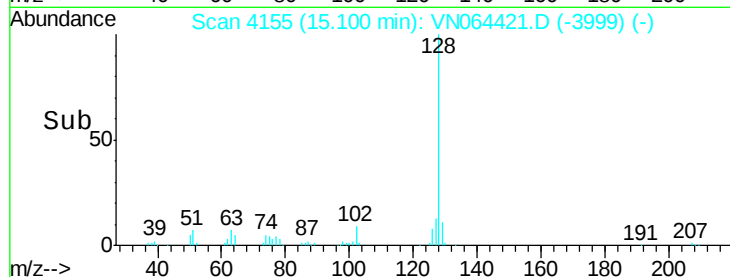
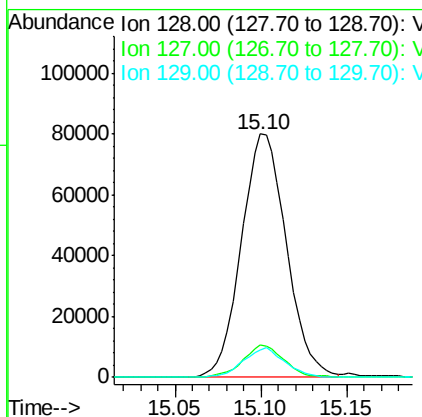
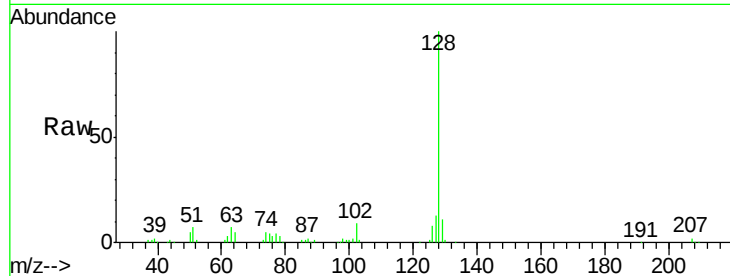
#91
Naphthalene
Concen: 14.838 ug/l
RT: 15.10 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN064421.D
Acq: 2 Nov 2020 18:01

Instrument :
MSVOA_N
ClientSampleId :
VN1102WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.0	10.5	15.7
129	11.2	8.6	13.0

Manual Integrations
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#92
1,2,3-Trichlorobenzene
Concen: 15.667 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN064421.D
Acq: 2 Nov 2020 18:01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	0.0	191.4
145	30.8	0.0	64.8

