

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110220\
 Data File : VN064417.D
 Acq On : 2 Nov 2020 16:15
 Operator : JC/MD
 Sample : VSTDICV020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN110220

Manual Integrations
 APPROVED

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 11/3/2020 2:20:52 PM

Quant Time: Nov 03 03:14:50 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	62167	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	342745	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	305212	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.98	65	152462	30.04	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	100.13%
60) 4-Bromofluorobenzene	12.37	95	157037	30.44	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	101.47%
63) Toluene-d8	10.06	98	413361	30.37	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.23%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.83	85	75365	18.849 ug/l	97
3) Chloromethane	2.04	50	78158	18.923 ug/l	97
4) Vinyl Chloride	2.16	62	77097	18.091 ug/l	96
5) Bromomethane	2.53	94	53675	19.298 ug/l	93
6) Chloroethane	2.68	64	44166	17.760 ug/l	89
7) Trichlorofluoromethane	2.99	101	131652	18.648 ug/l	98
8) Diethyl Ether	3.38	74	40866	18.868 ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.72	101	66825	19.019 ug/l	79
10) 1,1-Dichloroethene	3.70	96	62052	18.451 ug/l	94
11) Methyl Iodide	3.91	142	74906	16.593 ug/l	98
12) Methyl Acetate	4.28	43	65365	18.573 ug/l	93
13) Acrolein	3.57	56	30254	89.060 ug/l	93
14) Acrylonitrile	4.92	53	143234	90.458 ug/l	92
15) Acetone	3.77	58	43539	79.357 ug/l	92
16) Carbon Disulfide	4.01	76	175448	18.382 ug/l	97
17) Allyl chloride	4.28	41	103318	17.515 ug/l	96
18) Methylene Chloride	4.51	84	71757	18.440 ug/l	97
19) trans-1,2-Dichloroethene	4.99	96	68426	18.485 ug/l	85
20) Diisopropyl ether	5.90	45	230192	18.236 ug/l	94
21) 1,1-Dichloroethane	5.80	63	129909	18.247 ug/l	99
22) cis-1,2-Dichloroethene	6.79	96	79757	18.183 ug/l	97
23) tert-Butyl Alcohol	4.73	59	57302	95.296 ug/l	# 100
24) Methyl tert-Butyl Ether	4.99	73	218078	18.120 ug/l	# 65
25) Chloroform	7.33	83	136369	17.883 ug/l	93
26) Cyclohexane	7.61	56	103165	18.296 ug/l	# 97
29) 1,1-Dichloropropene	7.75	75	99640	18.070 ug/l	87
30) 2-Butanone	6.79	43	220491	88.075 ug/l	99
31) 2,2-Dichloropropane	6.77	77	122994	18.170 ug/l	98
32) 1,1,1-Trichloroethane	7.52	97	132648	18.351 ug/l	# 87
33) Carbon Tetrachloride	7.73	117	119741	18.388 ug/l	96
34) Benzene	8.00	78	284002	18.177 ug/l	99
35) Methacrylonitrile	7.13	41	47498m	19.192 ug/l	
36) 1,2-Dichloroethane	8.08	62	118389	18.323 ug/l	100
37) Trichloroethene	8.80	130	80750	18.410 ug/l	99
38) Methylcyclohexane	9.05	83	90311	18.056 ug/l	94
39) 1,2-Dichloropropane	9.08	63	75177	18.754 ug/l	97
40) Dibromomethane	9.17	93	51500	17.727 ug/l	99

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.37	83	111430	18.159	ug/l	99
42) Vinyl Acetate	5.84	43	976503	92.140	ug/l	100
43) Ethyl Acetate	6.88	43	93282	19.242	ug/l #	84
44) Isopropyl Acetate	8.12	43	163162	18.921	ug/l #	82
45) 1,4-Dioxane	9.16	88	24358	402.533	ug/l	89
46) Methyl methacrylate	9.16	41	78021	18.327	ug/l	98
47) n-amyl Acetate	12.04	43	133347	18.181	ug/l	100
48) t-1,3-Dichloropropene	10.35	75	119800	17.690	ug/l	100
49) cis-1,3-Dichloropropene	9.81	75	125434	17.900	ug/l	93
50) 1,1,2-Trichloroethane	10.53	97	69793	17.892	ug/l	93
51) Ethyl methacrylate	10.40	69	101344	18.086	ug/l	95
52) 1,3-Dichloropropane	10.68	76	120415	18.306	ug/l	100
53) Dibromochloromethane	10.87	129	86081	17.966	ug/l	100
54) 1,2-Dibromoethane	10.97	107	71884	17.216	ug/l	97
55) 2-Chloroethyl vinyl ether	9.66	63	270586	89.845	ug/l	99
56) Bromoform	12.10	173	59077	17.481	ug/l #	98
58) 4-Methyl-2-Pentanone	9.95	43	453655	93.905	ug/l	100
59) 2-Hexanone	10.72	43	329098	91.527	ug/l	99
61) Tetrachloroethene	10.60	164	78827	19.052	ug/l	96
62) Toluene	10.12	91	327597	19.162	ug/l	97
64) Chlorobenzene	11.41	112	199811	18.670	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.48	131	80007	19.241	ug/l	99
66) Ethyl Benzene	11.48	91	347867	18.440	ug/l	99
67) m/p-Xylenes	11.59	106	263122	37.083	ug/l	100
68) o-Xylene	11.92	106	128173	18.745	ug/l	99
69) Styrene	11.94	104	206705	18.130	ug/l	98
70) Isopropylbenzene	12.22	105	324603	18.350	ug/l	97
71) 1,1,2,2-Tetrachloroethane	12.48	83	91884	18.679	ug/l	100
72) 1,2,3-Trichloropropane	12.53	75	88739m	17.277	ug/l	
73) Bromobenzene	12.50	156	86212	18.783	ug/l	98
74) n-propylbenzene	12.56	91	364163	18.774	ug/l	99
75) 2-Chlorotoluene	12.65	91	234741	19.104	ug/l	99
76) 1,3,5-Trimethylbenzene	12.70	105	275906	18.934	ug/l	100
77) t-1,4-Dichloro-2-butene	12.27	75	33627	18.572	ug/l	92
78) 4-Chlorotoluene	12.75	91	240161	18.918	ug/l	97
79) tert-butylbenzene	12.97	119	217542	18.665	ug/l	99
80) 1,2,4-Trimethylbenzene	13.01	105	269945	18.284	ug/l	98
81) sec-Butylbenzene	13.14	105	277385	18.868	ug/l	98
82) p-Isopropyltoluene	13.26	119	253574	18.771	ug/l	99
83) 1,3-Dichlorobenzene	13.26	146	144965	18.591	ug/l	99
84) 1,4-Dichlorobenzene	13.33	146	139586	17.772	ug/l	98
85) n-Butylbenzene	13.59	91	206751	19.175	ug/l	99
86) Hexachloroethane	13.85	117	46528	18.367	ug/l	96
87) 1,2-Dichlorobenzene	13.63	146	136771	18.167	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	14.24	75	20277	19.135	ug/l	94
89) 1,2,4-Trichlorobenzene	14.88	180	67113	18.230	ug/l	95
90) Hexachlorobutadiene	14.98	225	38925	19.867	ug/l	97
91) Naphthalene	15.10	128	191820	17.540	ug/l	99
92) 1,2,3-Trichlorobenzene	15.28	180	66716	18.327	ug/l	97

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ClientSampleId :
ICVVN110220

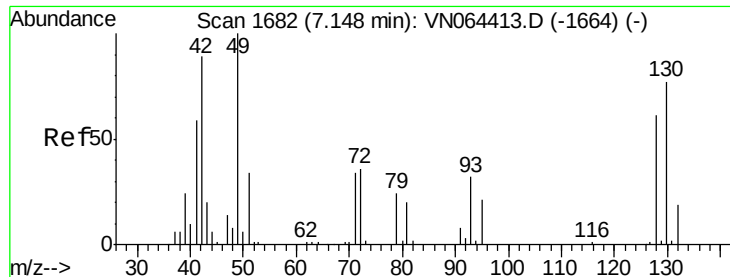
Manual Integrations
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QLast Update : Tue Nov 03 02:03:38 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.15 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VN064417.D

Acq: 2 Nov 2020 16:15

Instrument :

MSVOA_N

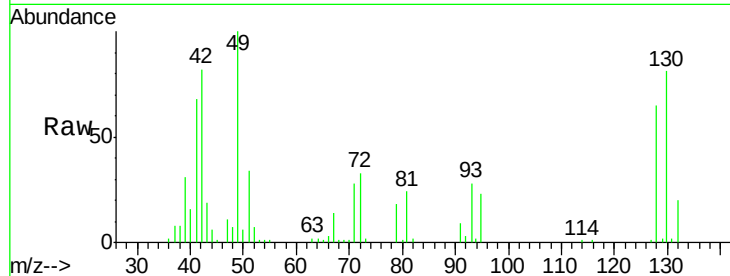
ClientSampleId :

ICVVN110220

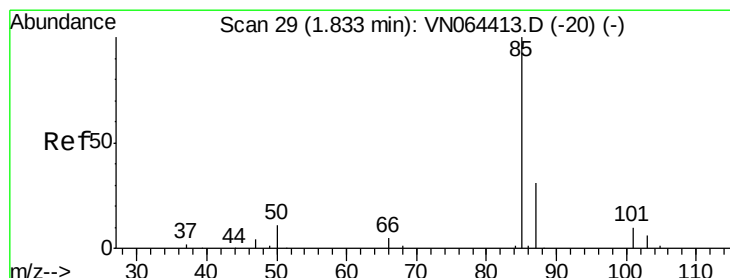
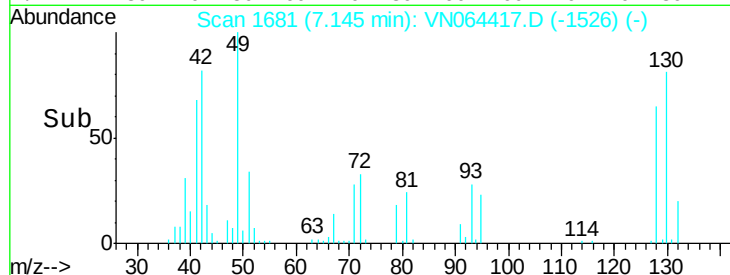
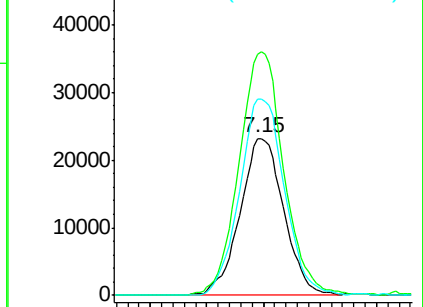
Tot Ion:	128	Resp:	62167
Ion	Ratio	Lower	Upper
128	100		
49	159.0	0.0	423.5
130	128.8	0.0	325.0

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Abundance Ion 128.00 (127.70 to 128.70): V
Ion 49.00 (48.70 to 49.70): V
Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 18.849 ug/l

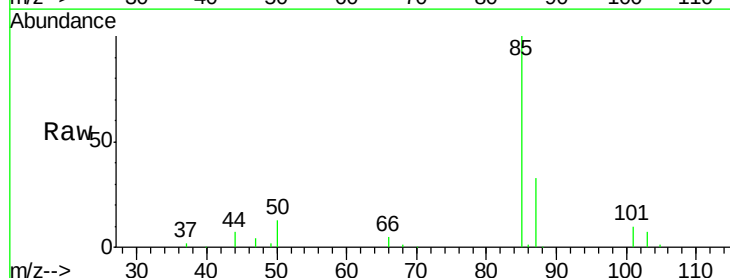
RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

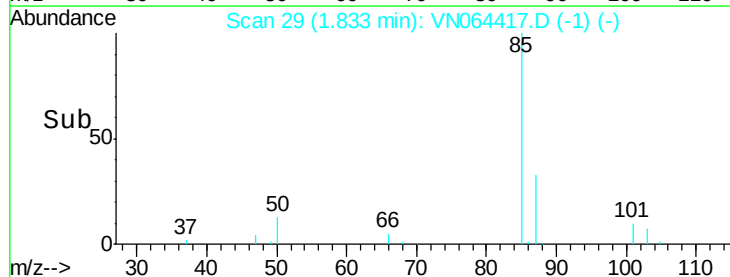
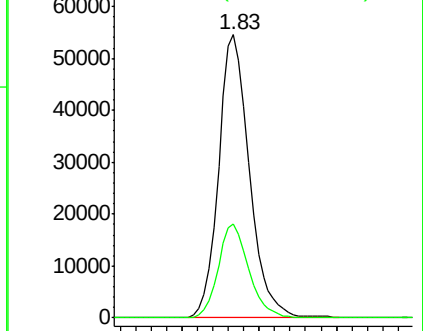
Lab File: VN064417.D

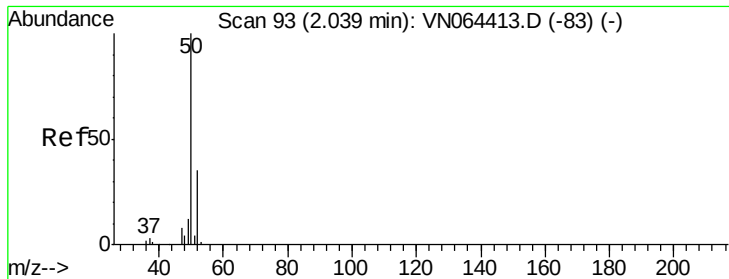
Acq: 2 Nov 2020 16:15

Tgt Ion:	85	Resp:	75365
Ion	Ratio	Lower	Upper
85	100		
87	33.1	15.7	47.1



Abundance Ion 85.00 (84.70 to 85.70): V
Ion 87.00 (86.70 to 87.70): V





#3

Chloromethane

Concen: 18.923 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN064417.D

Acq: 2 Nov 2020 16:15

Instrument :

MSVOA_N

ClientSampleId :

ICVVN110220

Tot Ion: 50 Resp: 78158

Ion Ratio Lower Upper

50 100

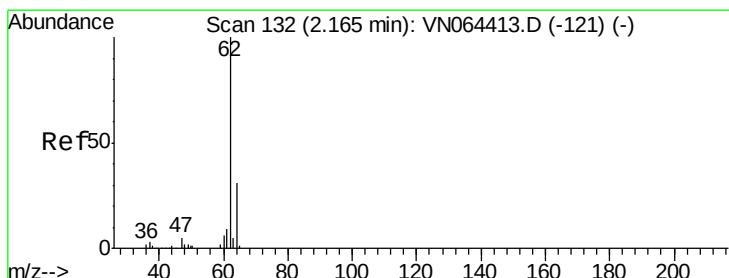
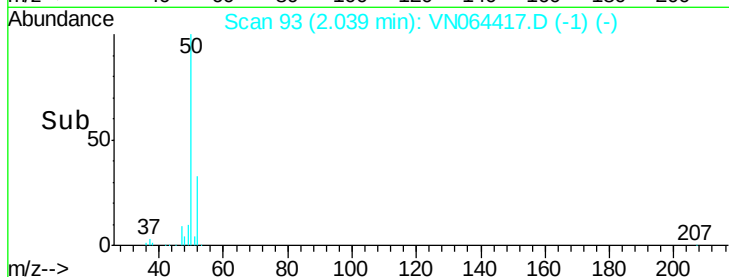
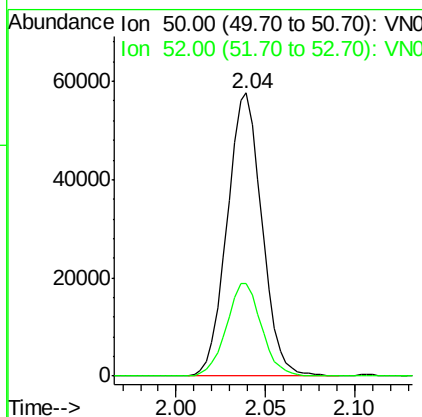
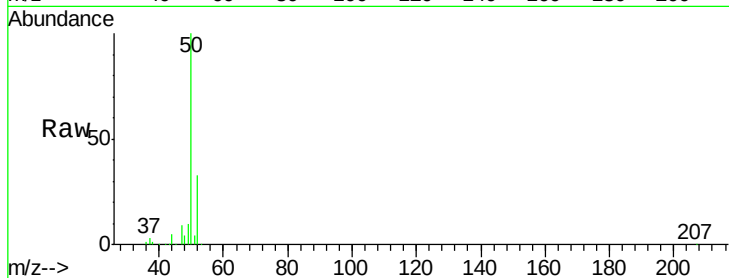
52 32.7 27.7 41.5

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#4

Vinyl Chloride

Concen: 18.091 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN064417.D

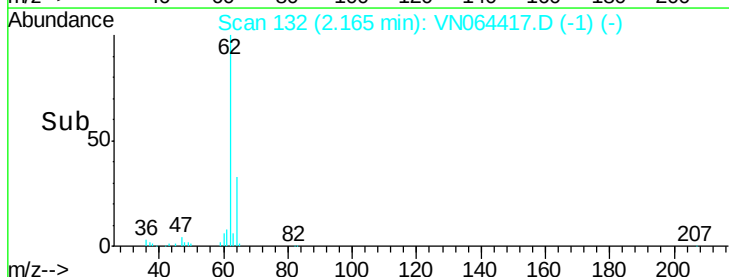
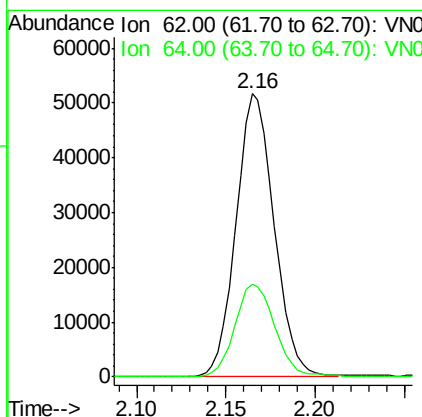
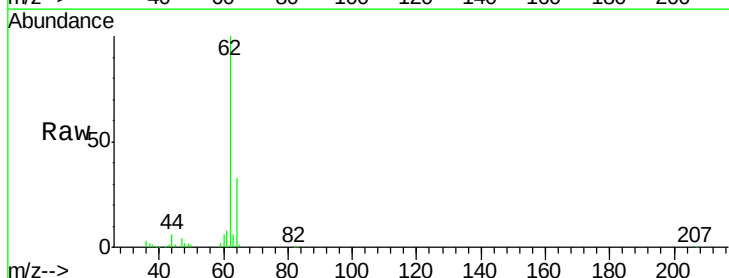
Acq: 2 Nov 2020 16:15

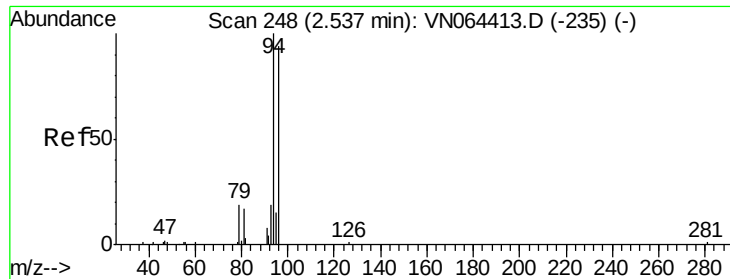
Tgt Ion: 62 Resp: 77097

Ion Ratio Lower Upper

62 100

64 33.0 24.5 36.7





#5

Bromomethane

Concen: 19.298 ug/l

RT: 2.53 min Scan# 247

Delta R.T. -0.00 min

Lab File: VN064417.D

Acq: 2 Nov 2020 16:15

Instrument :

MSVOA_N

ClientSampled :

ICVVN110220

Tot Ion: 94 Resp: 53675

Ion Ratio Lower Upper

94 100

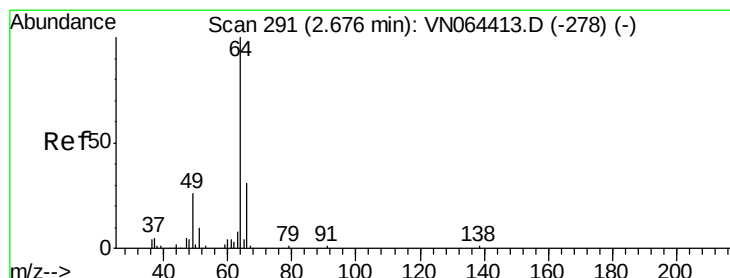
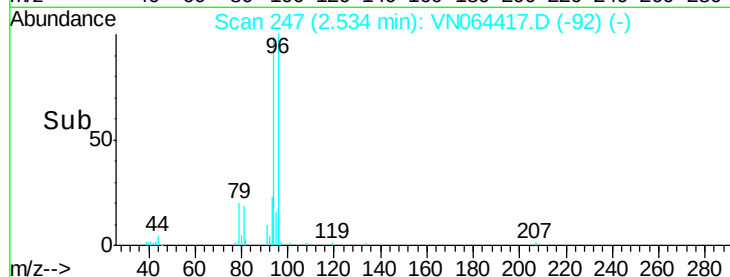
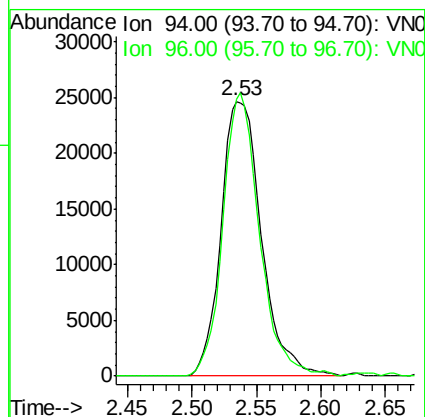
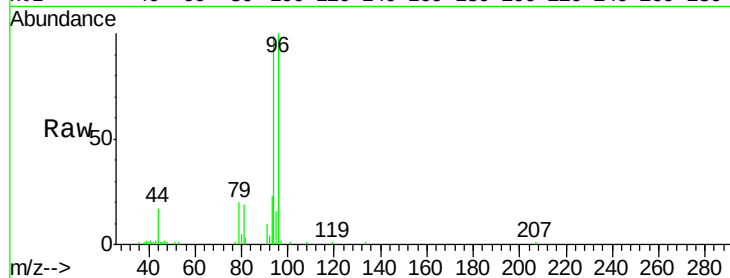
96 100.8 75.2 112.8

Manual Integrations

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#6

Chloroethane

Concen: 17.760 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN064417.D

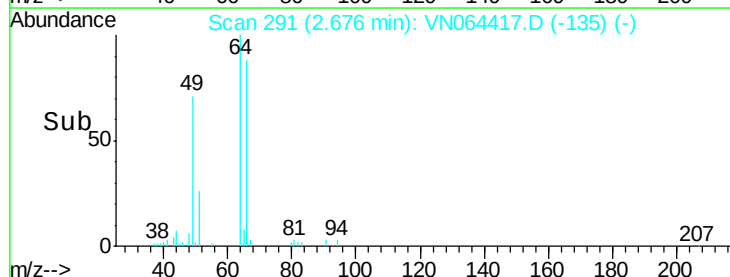
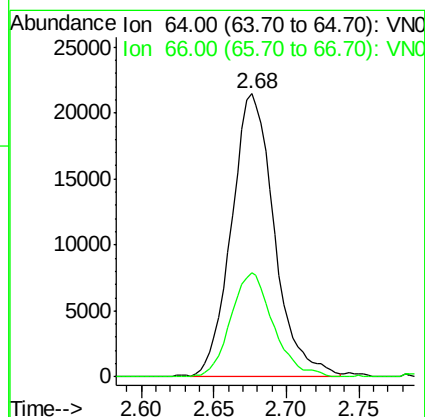
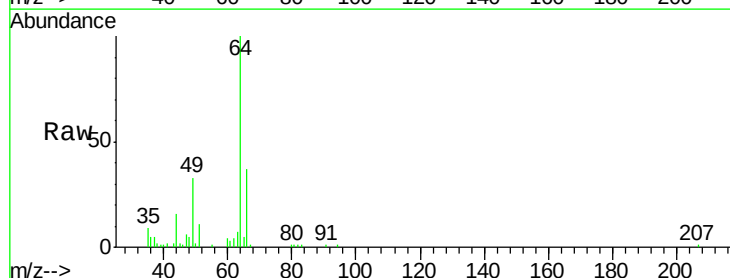
Acq: 2 Nov 2020 16:15

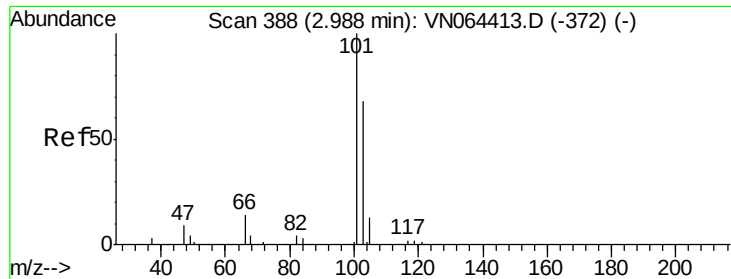
Tgt Ion: 64 Resp: 44166

Ion Ratio Lower Upper

64 100

66 37.1 25.0 37.4





#7

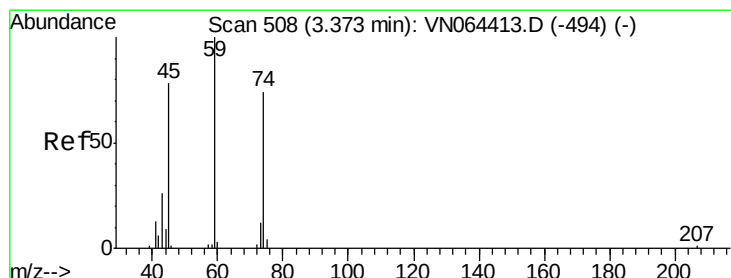
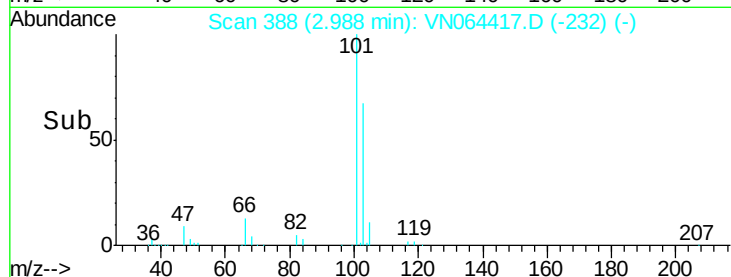
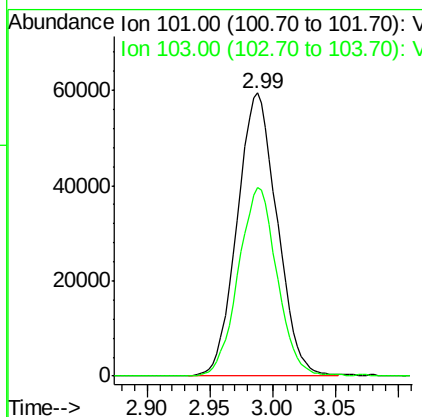
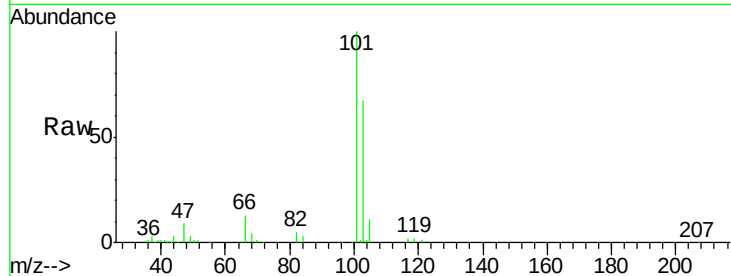
Trichlorofluoromethane
Concen: 18.648 ug/l
RT: 2.99 min Scan# 388
Delta R.T. 0.00 min
Lab File: VN064417.D
Acq: 2 Nov 2020 16:15

Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	66.8	54.6	81.8

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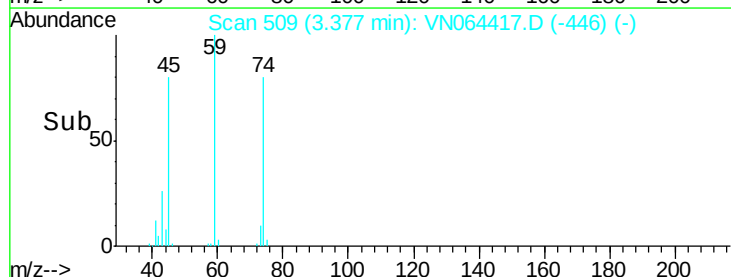
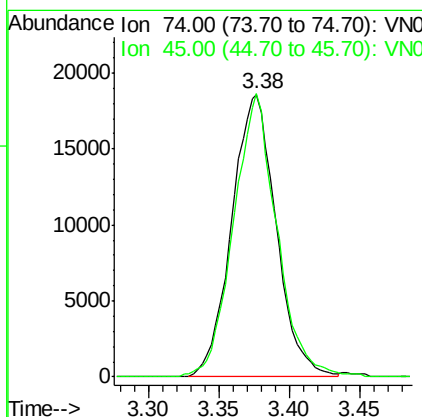
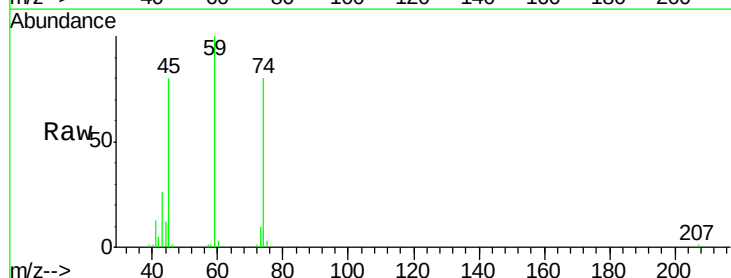
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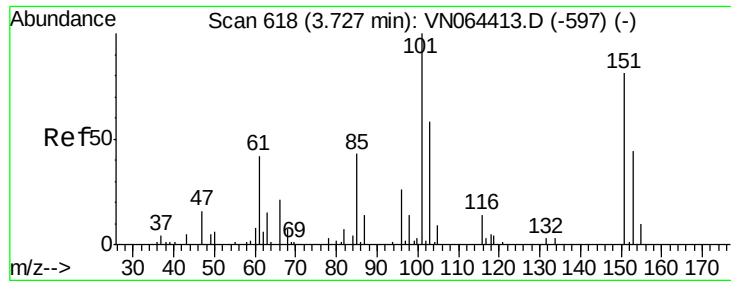


#8

Diethyl Ether
Concen: 18.868 ug/l
RT: 3.38 min Scan# 509
Delta R.T. 0.00 min
Lab File: VN064417.D
Acq: 2 Nov 2020 16:15

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.8	21.2	190.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.019 ug/l

RT: 3.72 min Scan# 616

Delta R.T. -0.01 min

Lab File: VN064417.D

Acq: 2 Nov 2020 16:15

Instrument :

MSVOA_N

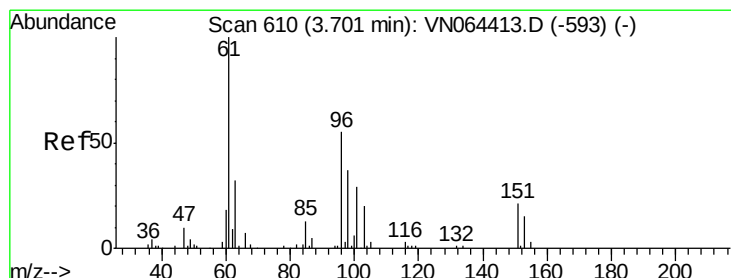
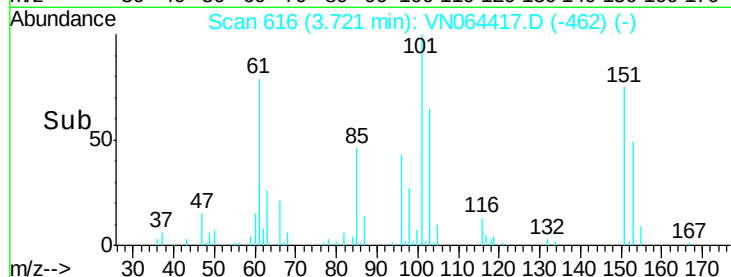
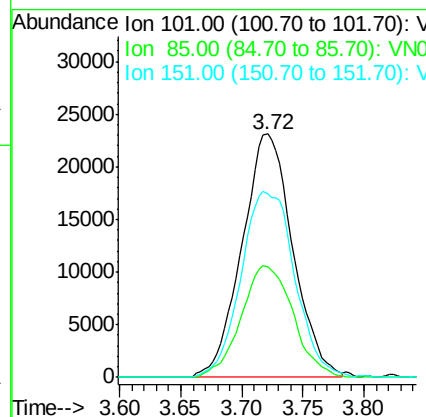
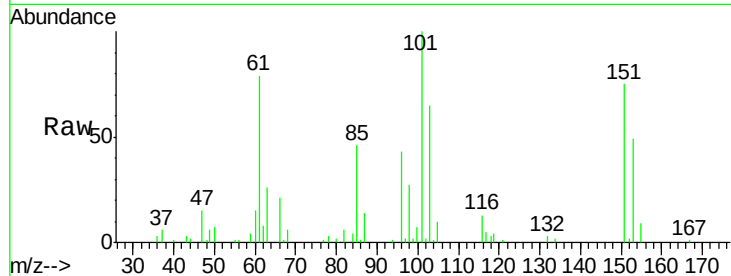
ClientSampled :

ICVVN110220

Tot Ion:	101	Resp:	66825
Ion Ratio	Lower	Upper	
101	100		
85	46.7	0.0	89.6
151	51.4	0.0	158.8

Manual Integrations
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#10

1,1-Dichloroethene

Concen: 18.451 ug/l

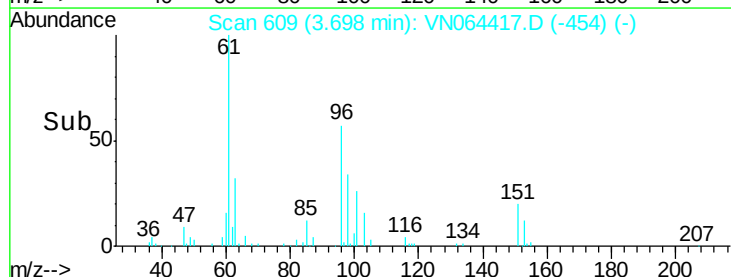
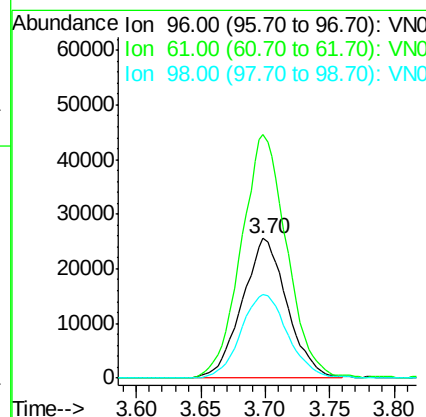
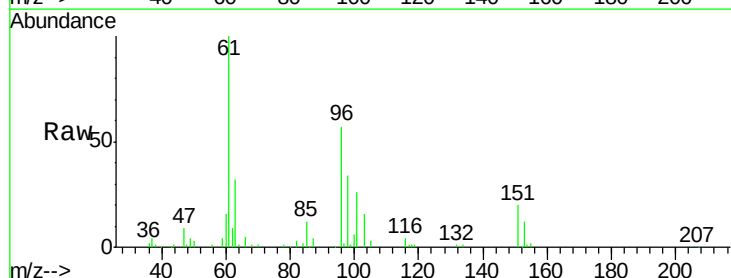
RT: 3.70 min Scan# 609

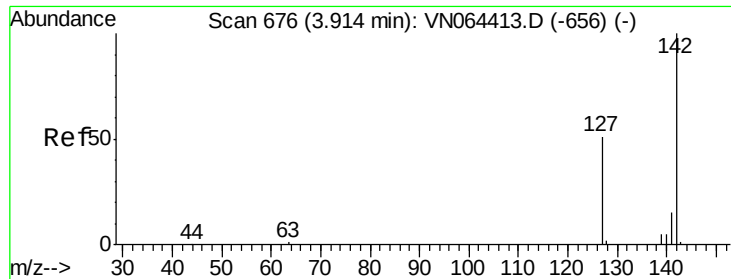
Delta R.T. -0.00 min

Lab File: VN064417.D

Acq: 2 Nov 2020 16:15

Tgt Ion:	96	Resp:	62052
Ion Ratio	Lower	Upper	
96	100		
61	174.7	145.6	218.4
98	59.9	53.9	80.9





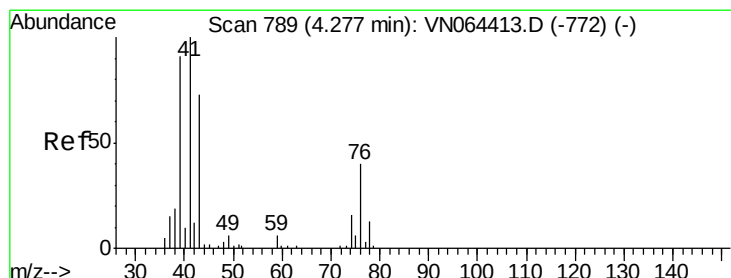
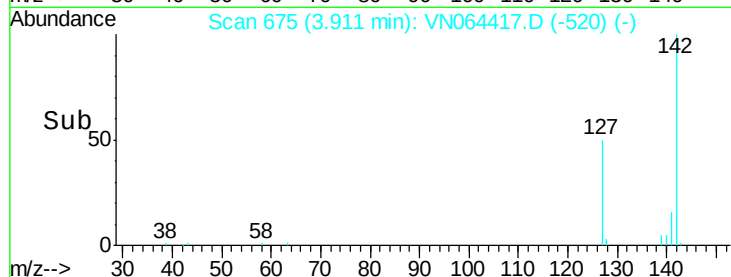
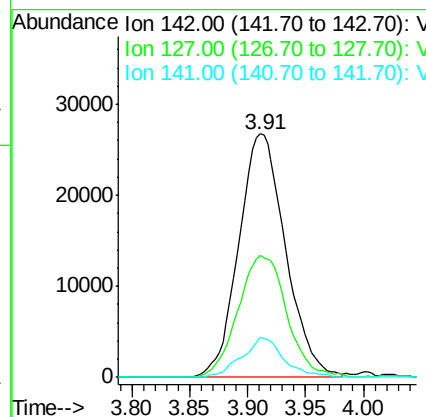
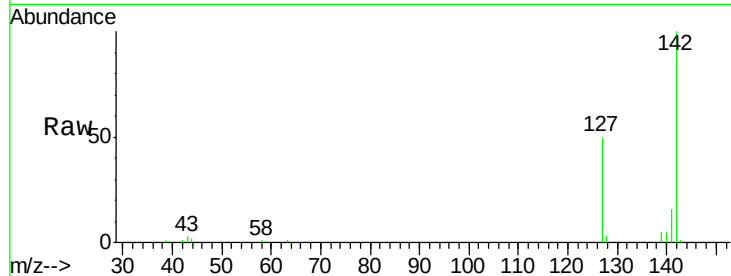
#11
Methyl Iodide
Concen: 16.593 ug/l
RT: 3.91 min Scan# 675
Delta R.T. -0.00 min
Lab File: VN064417.D
Acq: 2 Nov 2020 16:15

Instrument :
MSVOA_N
ClientSampleId :
ICVVN110220

Tot Ion	Ratio	Lower	Upper
142	100		
127	49.8	25.4	76.2
141	16.3	7.8	23.3

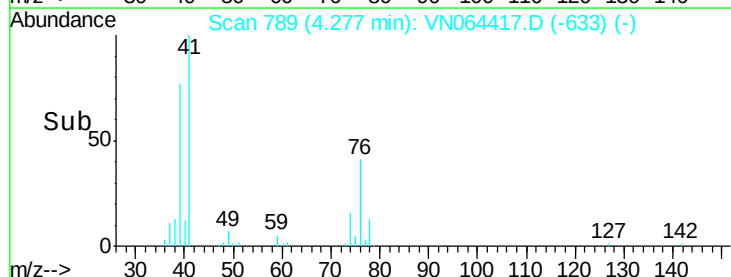
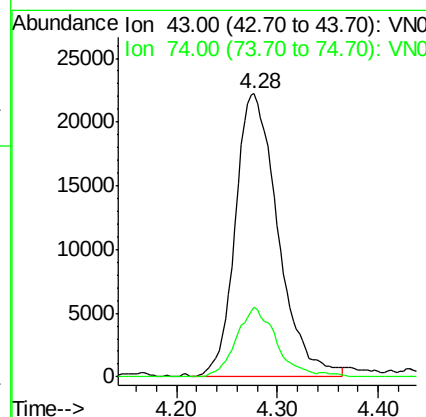
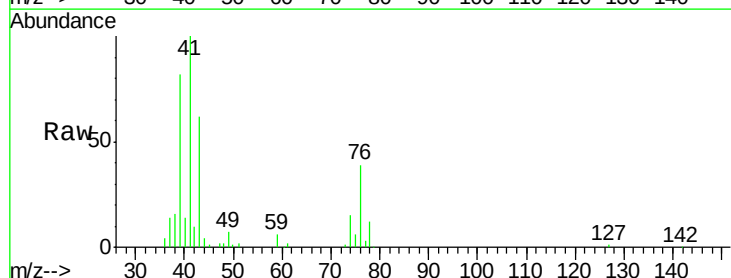
Manual Integrations
APPROVED

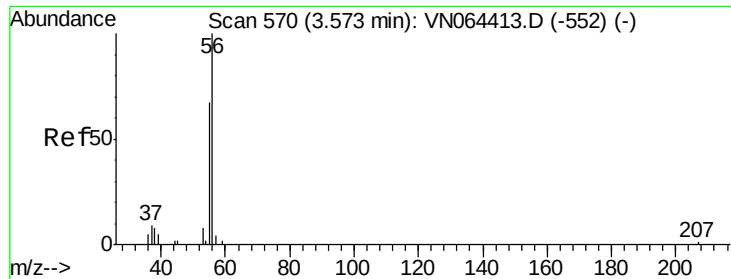
MMDadoda
11/3/2020 2:20:52 PM



#12
Methyl Acetate
Concen: 18.573 ug/l
RT: 4.28 min Scan# 789
Delta R.T. 0.00 min
Lab File: VN064417.D
Acq: 2 Nov 2020 16:15

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.7	17.1	25.7





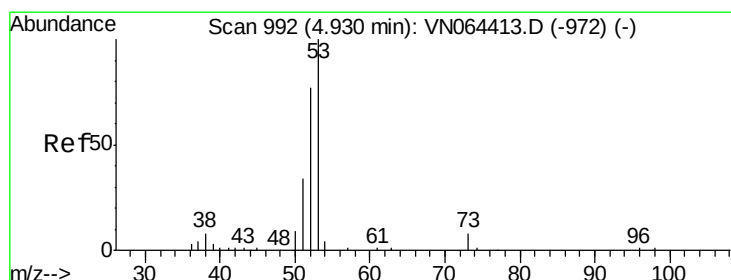
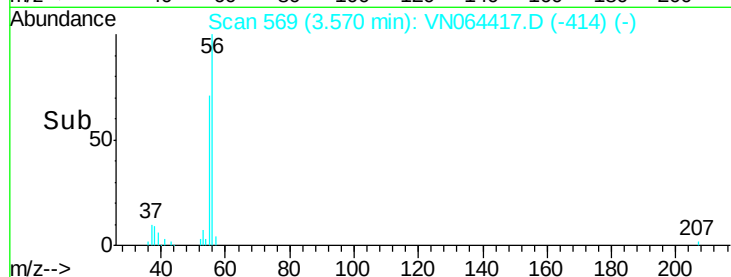
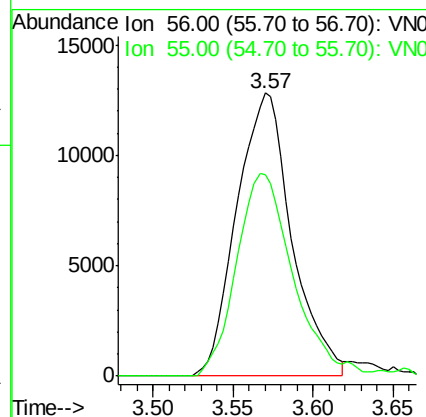
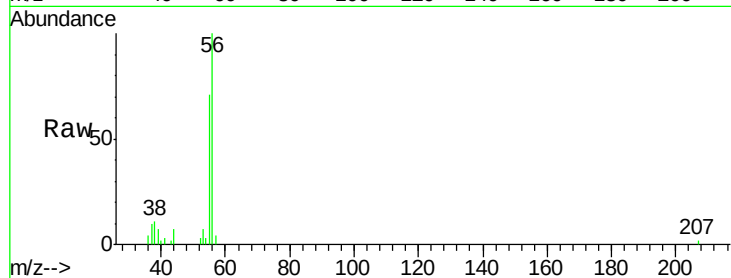
#13
Acrolein
Concen: 89.060 ug/l
RT: 3.57 min Scan# 569
Delta R.T. -0.00 min
Lab File: VN064417.D
Acq: 2 Nov 2020 16:15

Instrument :
MSVOA_N
ClientSampleId :
ICVVN110220

Tot Ion	56	Resp	30254
Ion Ratio	100	Lower	Upper
55	72.1	53.1	79.7

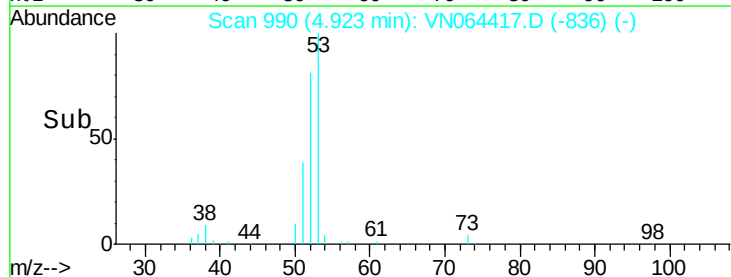
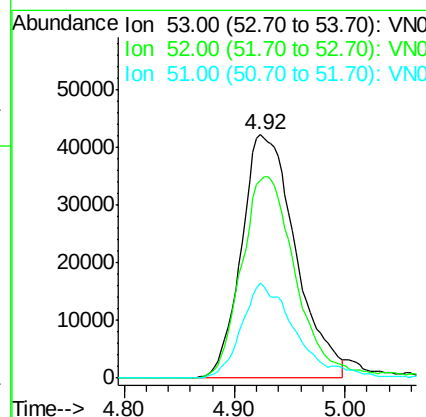
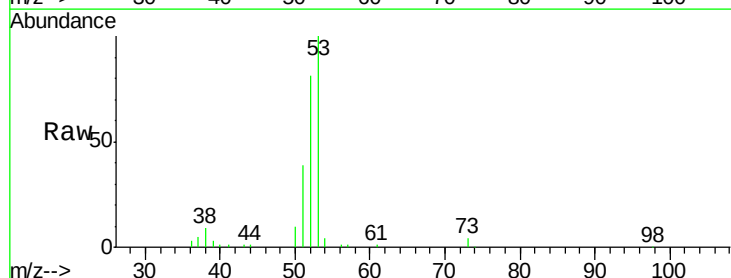
Manual Integrations
APPROVED

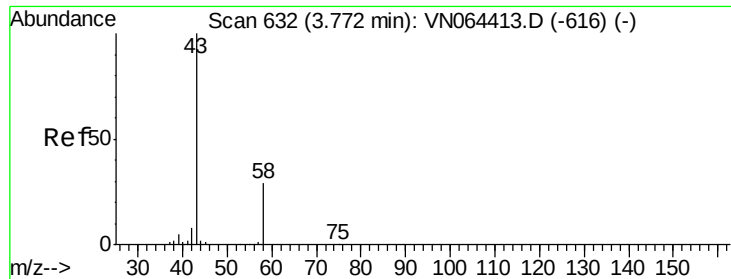
MMDadoda
11/3/2020 2:20:52 PM



#14
Acrylonitrile
Concen: 90.458 ug/l
RT: 4.92 min Scan# 990
Delta R.T. -0.01 min
Lab File: VN064417.D
Acq: 2 Nov 2020 16:15

Tgt Ion	53	Resp	143234
Ion Ratio	100	Lower	Upper
52	82.0	41.1	123.3
51	20.6	17.8	53.3





#15

Acetone

Concen: 79.357 ug/l

RT: 3.77 min Scan# 632

Delta R.T. 0.00 min

Lab File: VN064417.D

Acq: 2 Nov 2020 16:15

Instrument :

MSVOA_N

ClientSampleId :

ICVFN110220

Tot Ion: 58 Resp: 43539

Ion Ratio Lower Upper

58 100

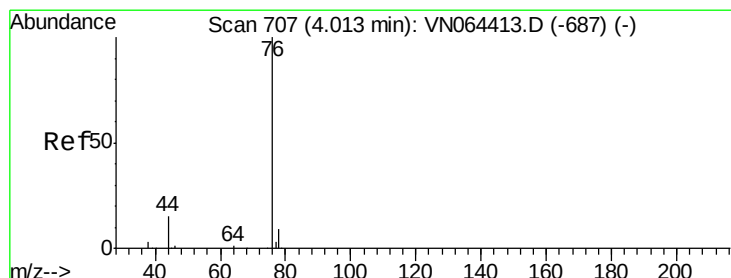
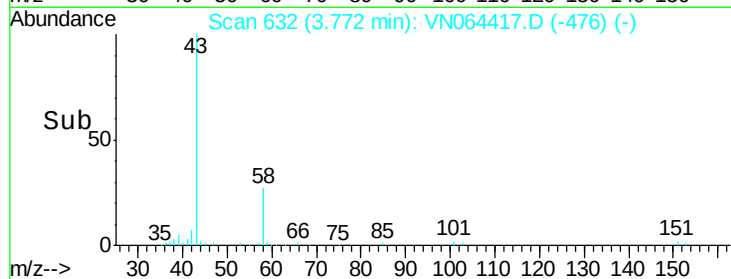
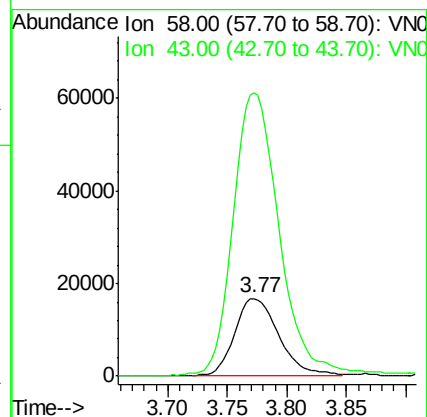
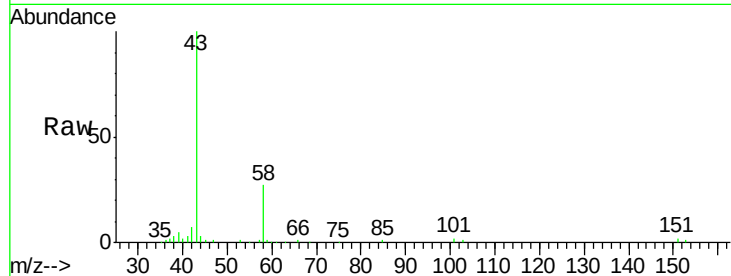
43 361.4 276.1 414.1

Manual Integrations

APPROVED

MMDadoda

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#16

Carbon Disulfide

Concen: 18.382 ug/l

RT: 4.01 min Scan# 706

Delta R.T. -0.00 min

Lab File: VN064417.D

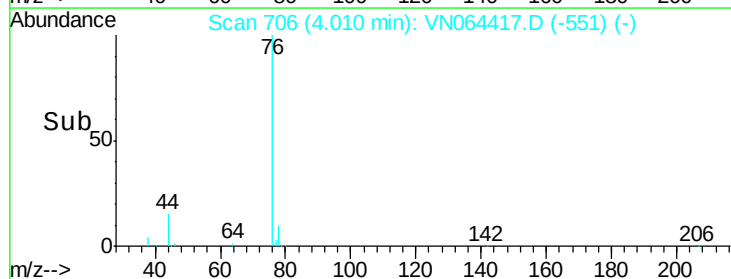
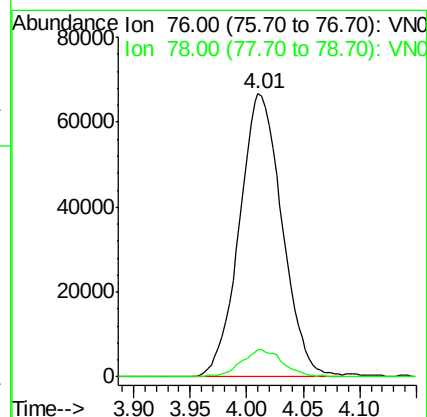
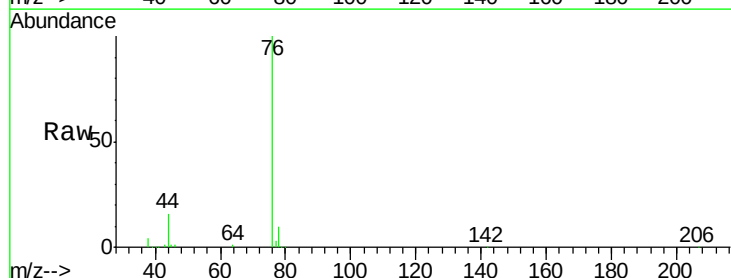
Acq: 2 Nov 2020 16:15

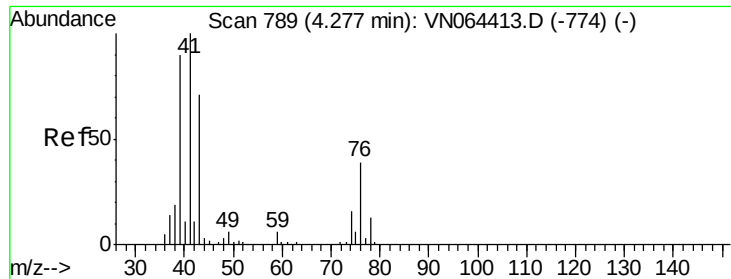
Tgt Ion: 76 Resp: 175448

Ion Ratio Lower Upper

76 100

78 9.8 7.0 10.6





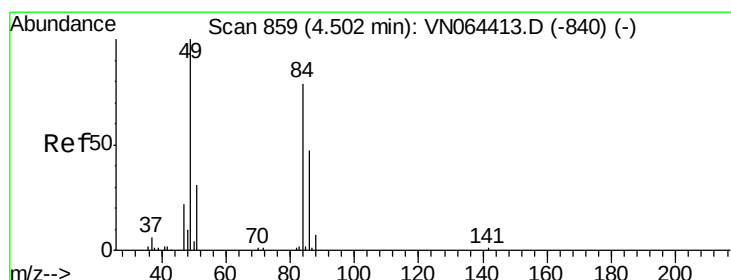
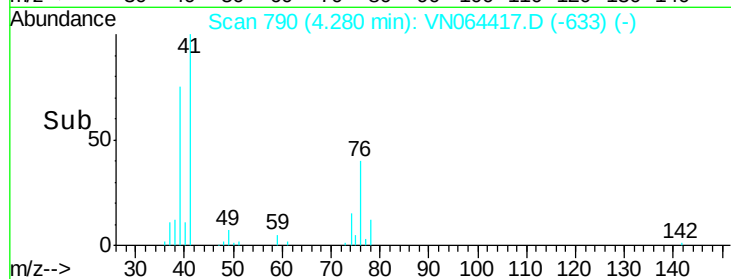
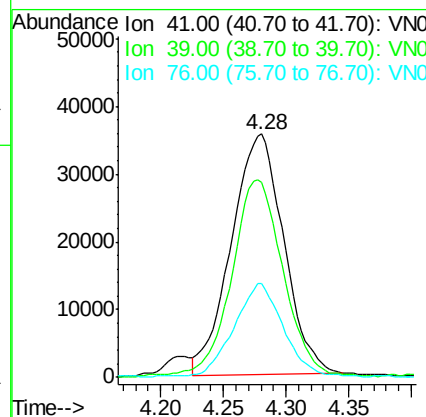
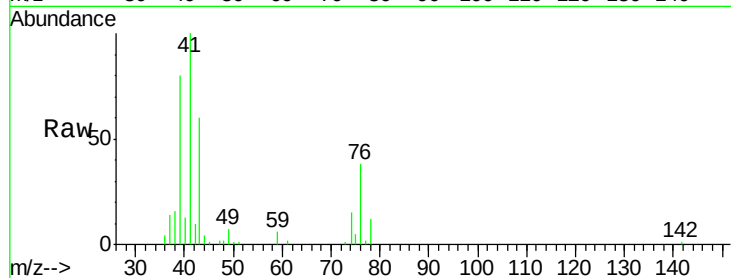
#17
Allvl chloride
Concen: 17.515 ug/l
RT: 4.28 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN064417.D
Acq: 2 Nov 2020 16:15

Instrument :
MSVOA_N
ClientSampleId :
ICVVN110220

Tot Ion:	41	Resp:	103318
Ion	Ratio	Lower	Upper
41	100		
39	80.0	42.3	126.8
76	38.4	18.6	55.8

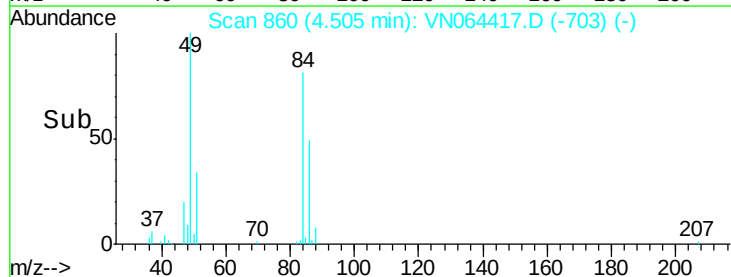
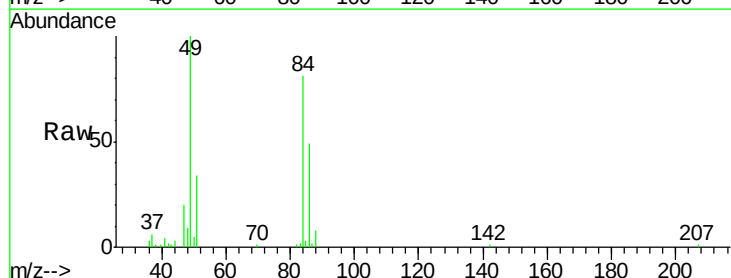
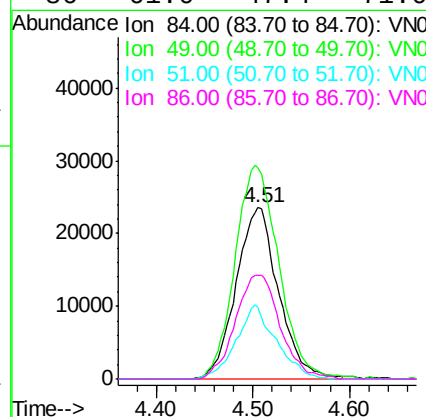
Manual Integrations
APPROVED

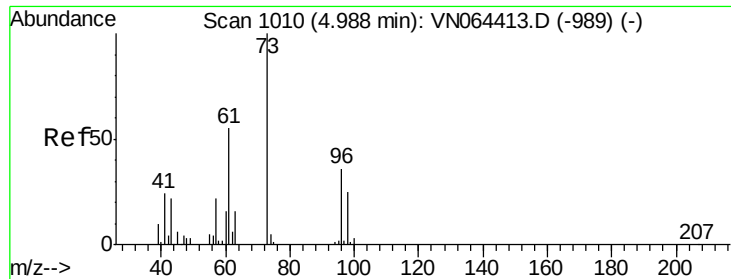
MMDadoda
11/3/2020 2:20:52 PM



#18
Methylene Chloride
Concen: 18.440 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN064417.D
Acq: 2 Nov 2020 16:15

Tgt Ion:	84	Resp:	71757
Ion	Ratio	Lower	Upper
84	100		
49	123.5	101.0	151.4
51	41.8	31.2	46.8
86	61.0	47.4	71.0





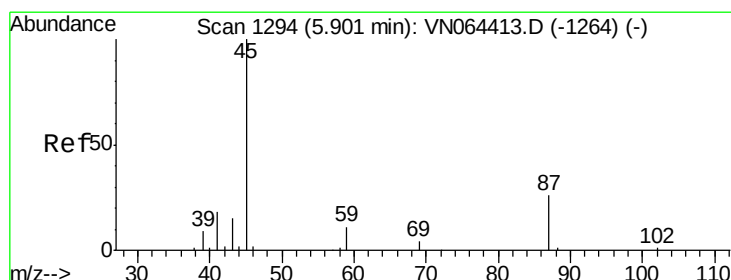
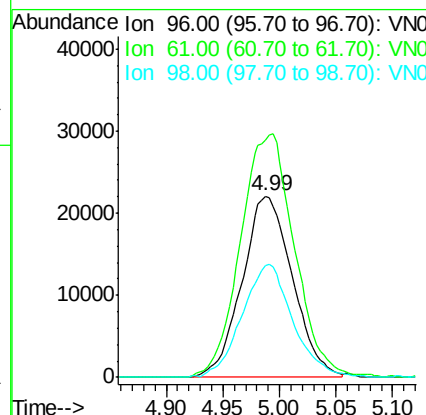
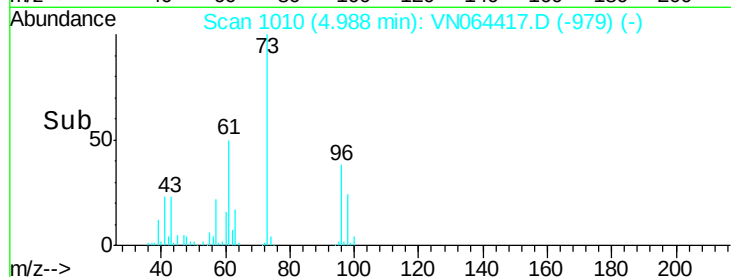
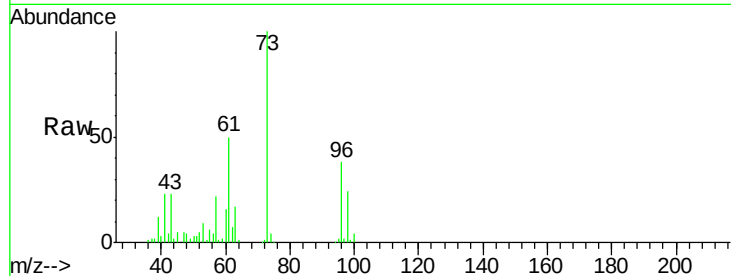
#19
trans-1,2-Dichloroethene
Concen: 18.485 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. 0.00 min
Lab File: VN064417.D
Acq: 2 Nov 2020 16:15

Instrument :
MSVOA_N
ClientSampleId :
ICVVN110220

Tot Ion	Ratio	Lower	Upper
96	100		
61	130.0	121.4	182.0
98	61.0	55.5	83.3

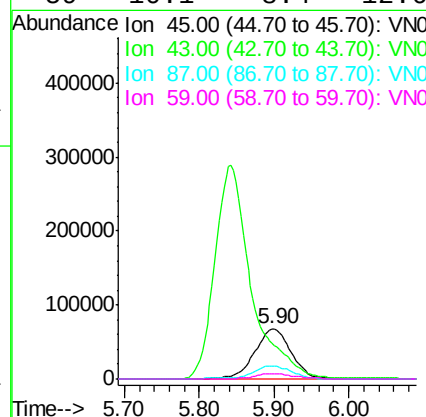
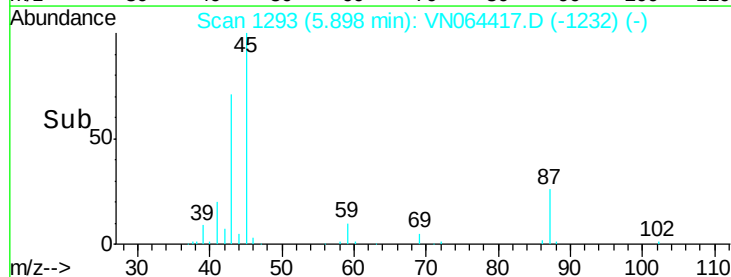
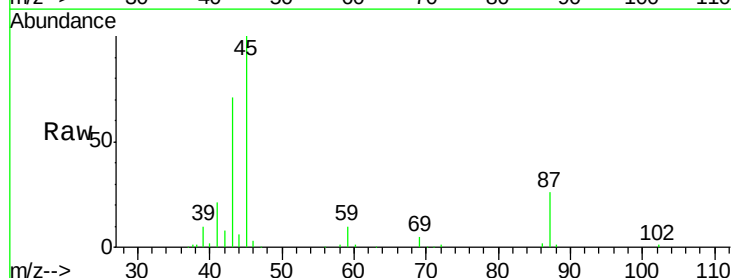
Manual Integrations
APPROVED

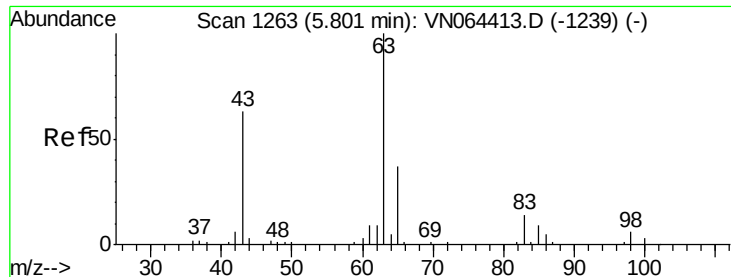
MMDadoda
11/3/2020 2:20:52 PM



#20
Diisopropyl ether
Concen: 18.236 ug/l
RT: 5.90 min Scan# 1293
Delta R.T. -0.00 min
Lab File: VN064417.D
Acq: 2 Nov 2020 16:15

Tgt Ion	Ratio	Lower	Upper
45	100		
43	68.4	49.6	74.4
87	25.7	21.0	31.6
59	10.1	8.4	12.6





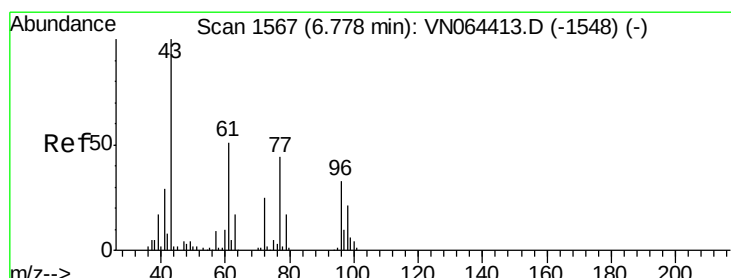
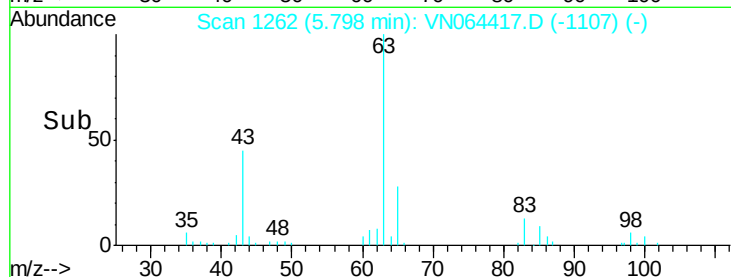
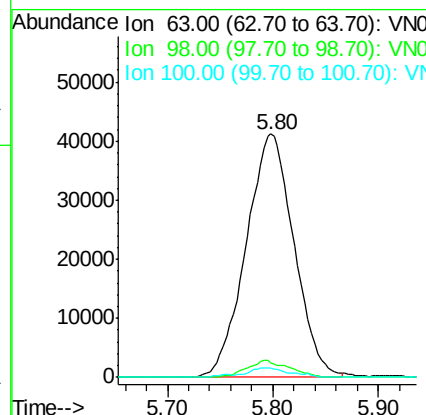
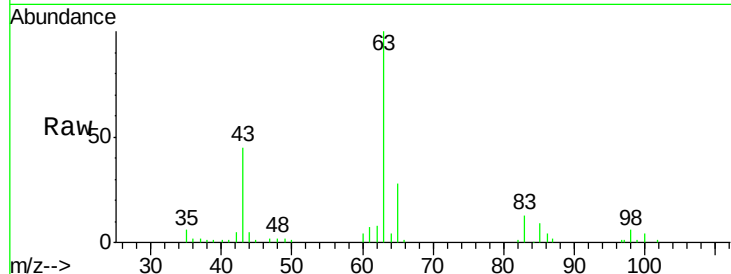
#21
 1,1-Dichloroethane
 Concen: 18.247 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. -0.00 min
 Lab File: VN064417.D
 Acq: 2 Nov 2020 16:15

Instrument :
 MSVOA_N
 ClientSampled :
 ICVVN110220

Tot Ion	Ratio	Resp	Lower	Upper
63	100			
98	6.1	2.9	8.8	
100	3.8	1.5	4.5	

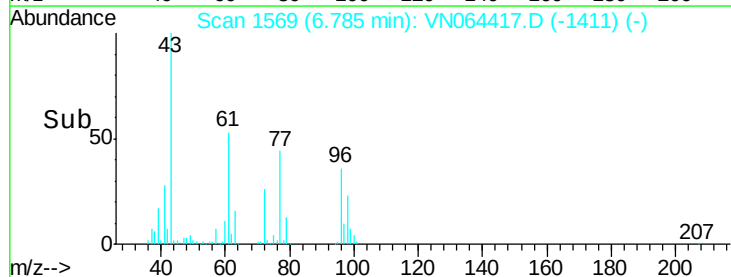
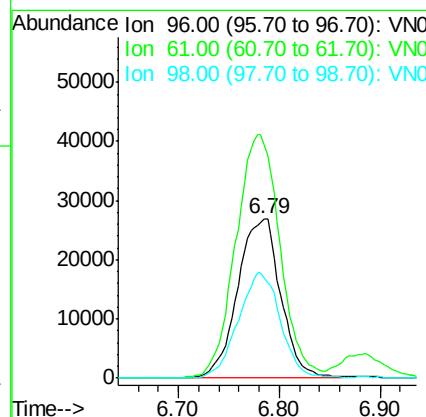
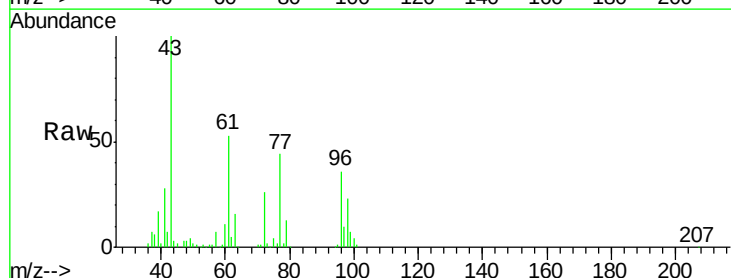
Manual Integrations
 APPROVED

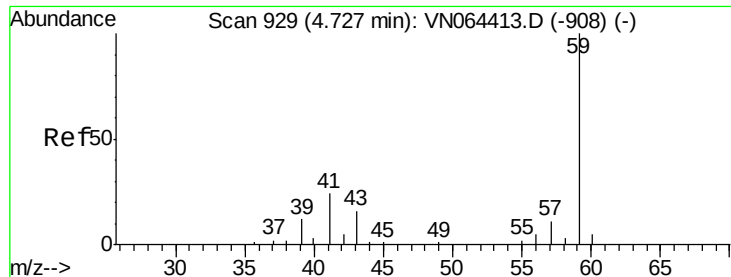
MMDadoda
 11/3/2020 2:20:52 PM



#22
 cis-1,2-Dichloroethene
 Concen: 18.183 ug/l
 RT: 6.79 min Scan# 1569
 Delta R.T. 0.01 min
 Lab File: VN064417.D
 Acq: 2 Nov 2020 16:15

Tgt Ion	Ratio	Resp	Lower	Upper
96	100			
61	156.8	122.3	183.5	
98	64.6	49.6	74.4	





#23

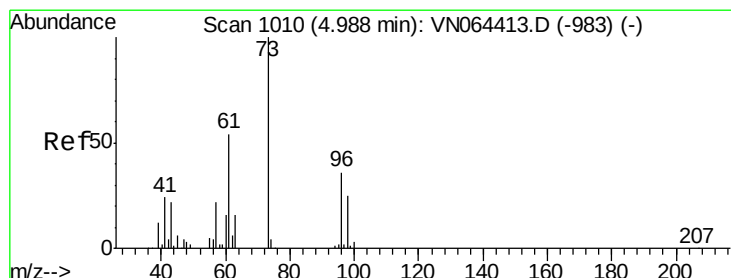
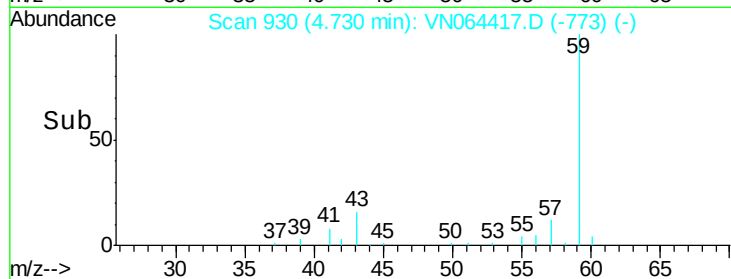
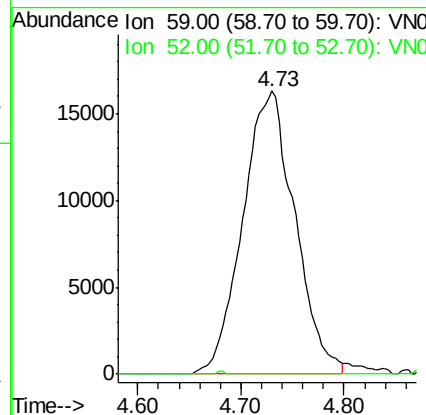
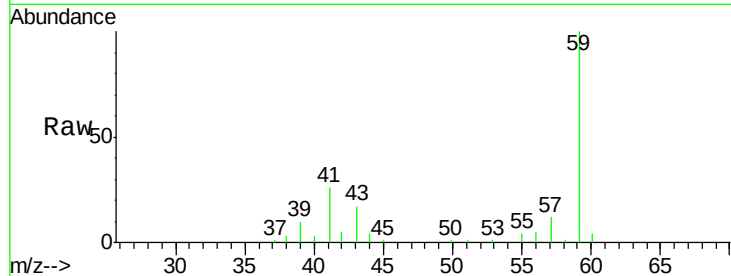
tert-Butyl Alcohol
Concen: 95.296 ug/l
RT: 4.73 min Scan# 930
Delta R.T. 0.00 min
Lab File: VN064417.D
Acq: 2 Nov 2020 16:15

Instrument :
MSVOA_N
ClientSampleId :
ICVVN110220

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.1	0.0	0.0#

Manual Integrations
APPROVED

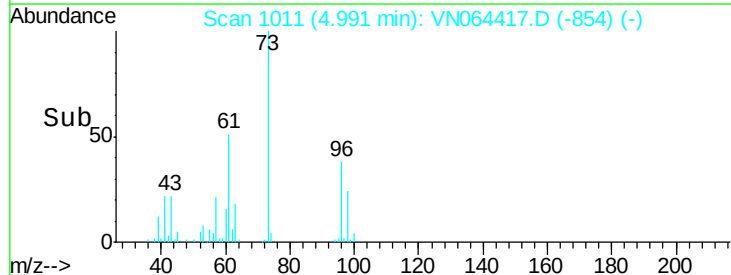
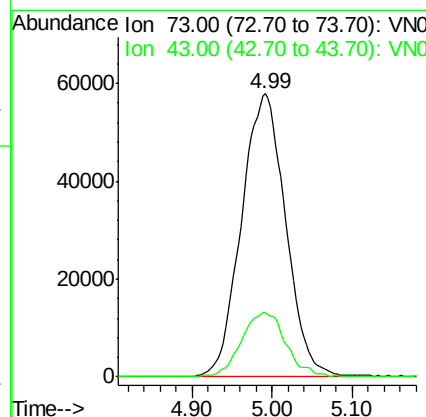
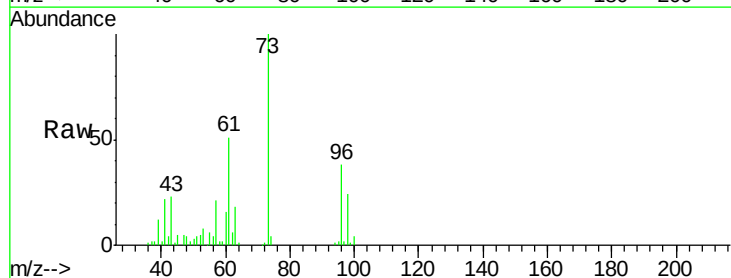
MMDadoda
11/3/2020 2:20:52 PM

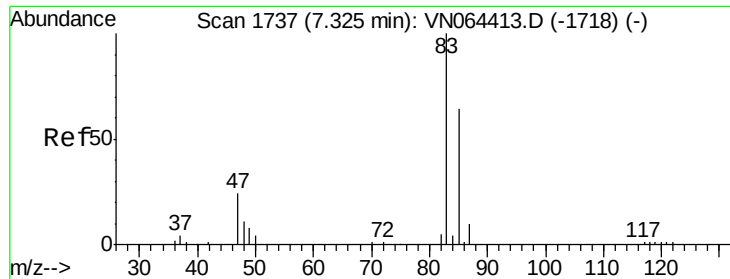


#24

Methyl tert-Butyl Ether
Concen: 18.120 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN064417.D
Acq: 2 Nov 2020 16:15

Tgt Ion	Ratio	Lower	Upper
73	100		
43	21.0	6.8	10.2#





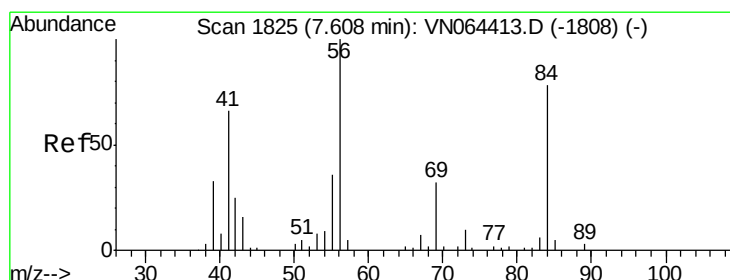
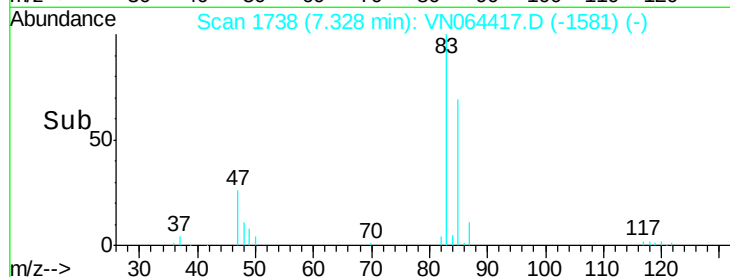
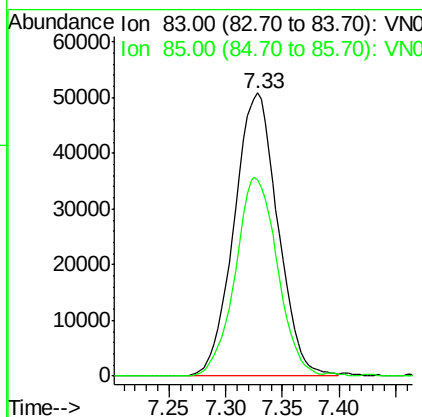
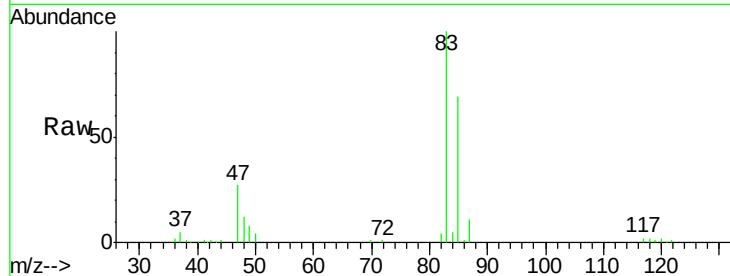
#25
Chloroform
Concen: 17.883 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN064417.D
Acq: 2 Nov 2020 16:15

Instrument :
MSVOA_N
ClientSampled :
ICVFN110220

Tot Ion: 83 Resp: 136369
Ion Ratio Lower Upper
83 100
85 69.2 51.0 76.4

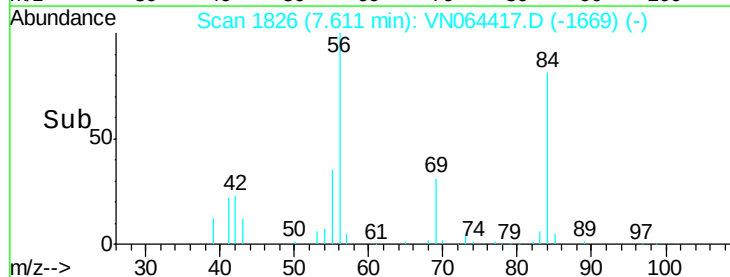
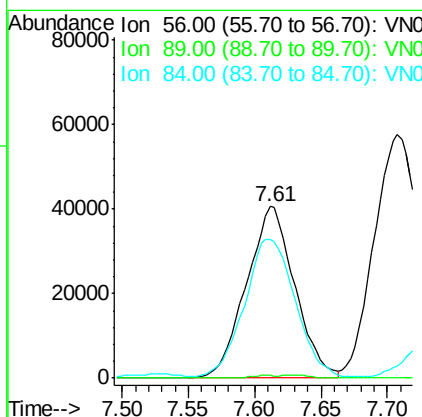
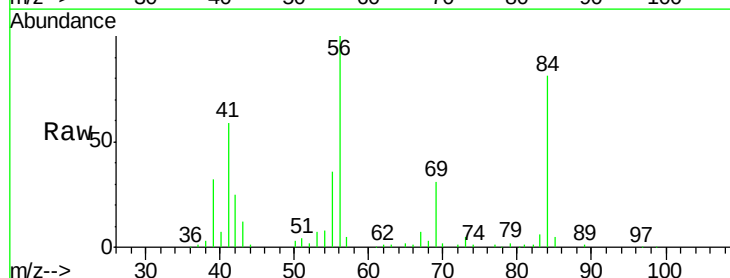
Manual Integrations
APPROVED

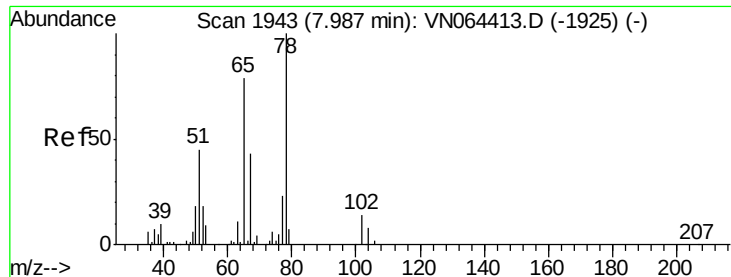
MMDadoda
11/3/2020 2:20:52 PM



#26
Cyclohexane
Concen: 18.296 ug/l
RT: 7.61 min Scan# 1826
Delta R.T. 0.00 min
Lab File: VN064417.D
Acq: 2 Nov 2020 16:15

Tgt Ion: 56 Resp: 103165
Ion Ratio Lower Upper
56 100
89 0.8 2.3 3.5#
84 83.8 69.4 104.0





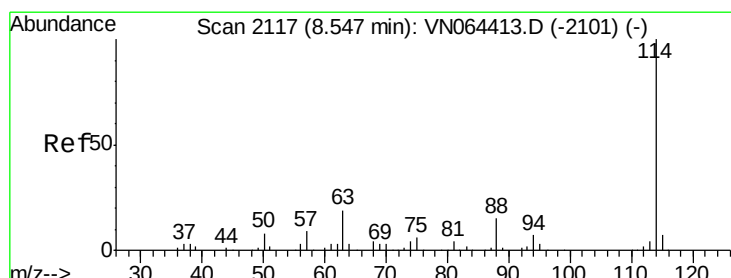
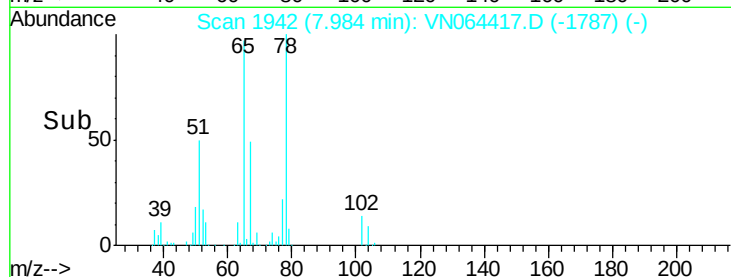
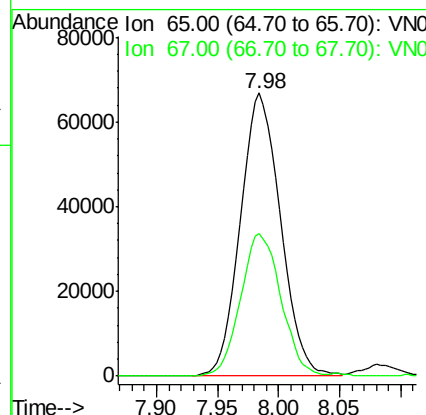
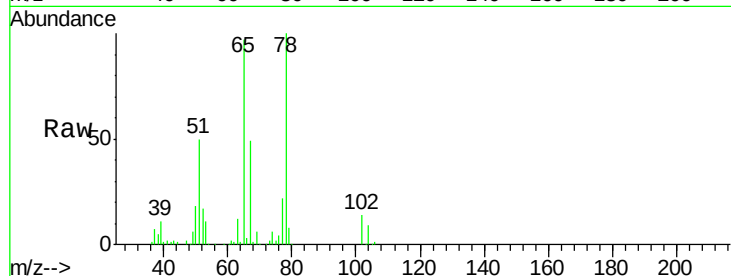
#27
 1,2-Dichloroethane-d4
 Concen: 30.040 ug/l
 RT: 7.98 min Scan# 1942
 Delta R.T. -0.00 min
 Lab File: VN064417.D
 Acq: 2 Nov 2020 16:15

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN110220

Tot Ion: 65 Resp: 152462
 Ion Ratio Lower Upper
 65 100
 67 50.6 40.6 61.0

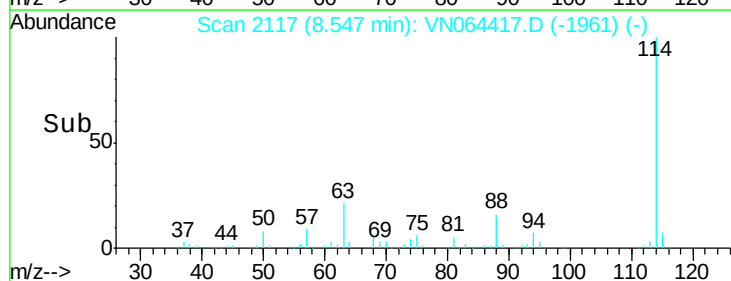
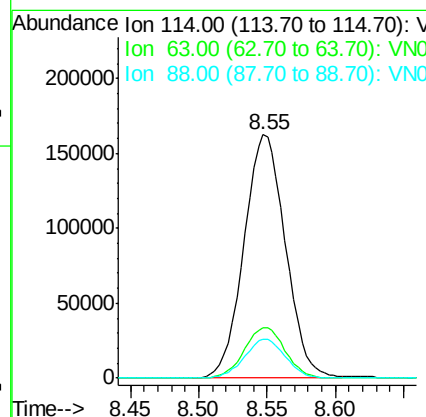
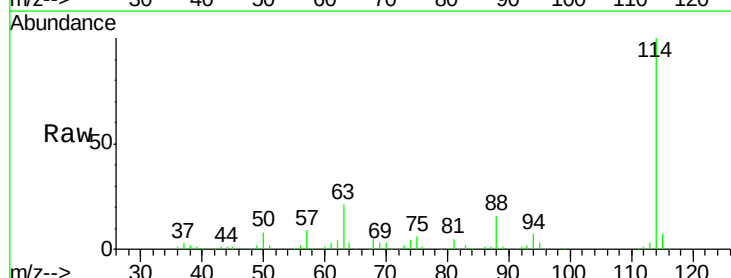
Manual Integrations
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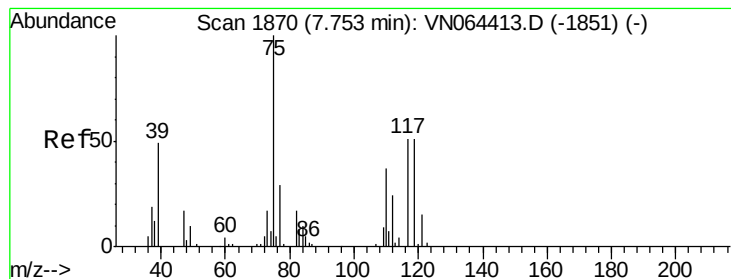
MMDadoda
 11/3/2020 2:20:52 PM



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.55 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VN064417.D
 Acq: 2 Nov 2020 16:15

Tgt Ion: 114 Resp: 342745
 Ion Ratio Lower Upper
 114 100
 63 20.5 16.2 24.4
 88 15.8 12.6 19.0





#29

1,1-Dichloropropene

Concen: 18.070 ug/l

RT: 7.75 min Scan# 1870

Delta R.T. 0.00 min

Lab File: VN064417.D

Acq: 2 Nov 2020 16:15

Instrument :

MSVOA_N

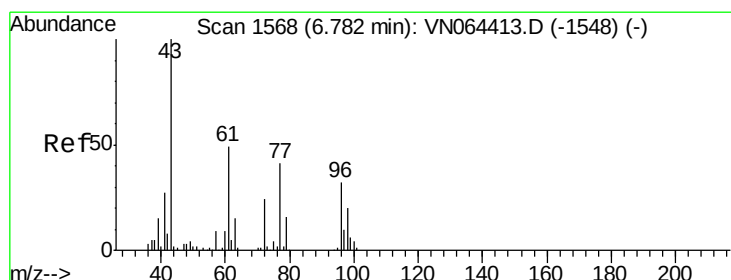
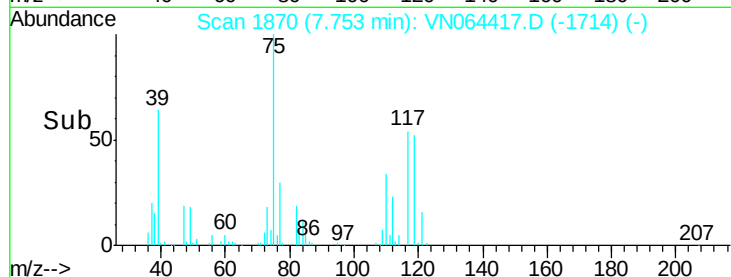
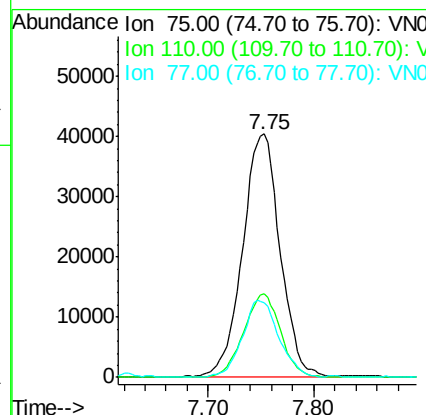
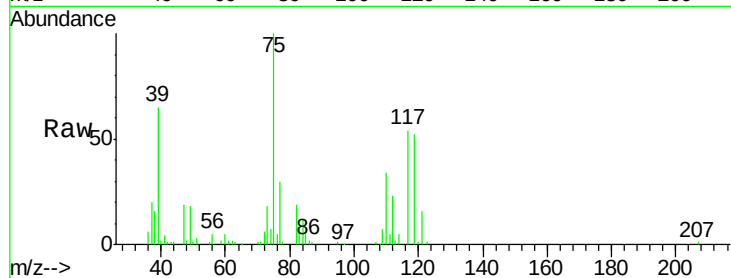
ClientSampled :

ICVFN110220

Tot Ion:	75	Resp:	99640
Ion Ratio	Lower	Upper	
75	100		
110	33.7	0.0	71.8
77	31.0	0.0	32.4

Manual Integrations
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#30

2-Butanone

Concen: 88.075 ug/l

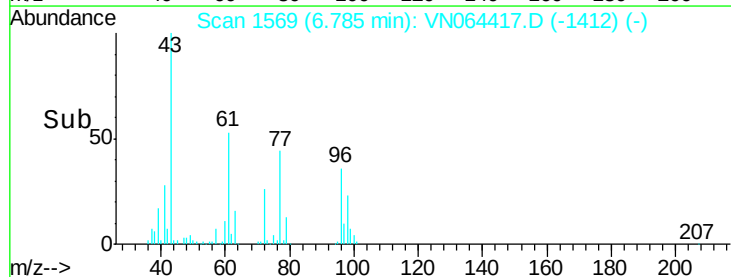
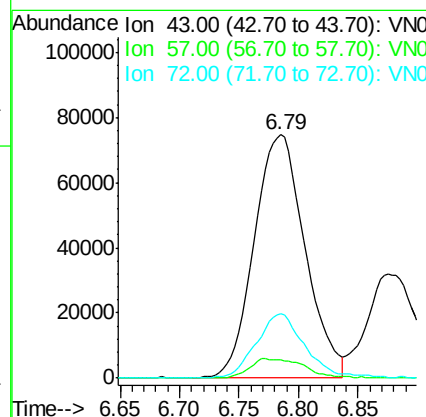
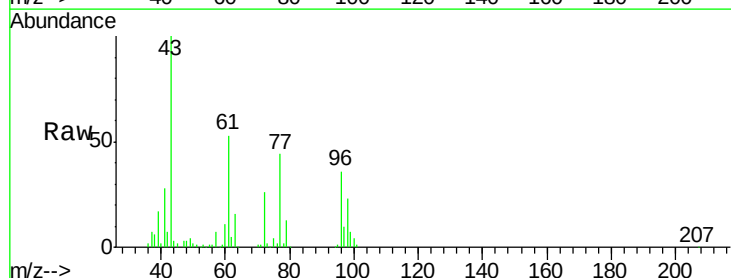
RT: 6.79 min Scan# 1569

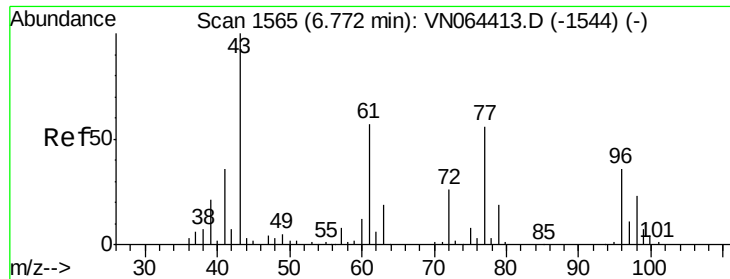
Delta R.T. 0.00 min

Lab File: VN064417.D

Acq: 2 Nov 2020 16:15

Tgt Ion:	43	Resp:	220491
Ion Ratio	Lower	Upper	
43	100		
57	8.4	6.6	9.8
72	25.7	20.0	30.0





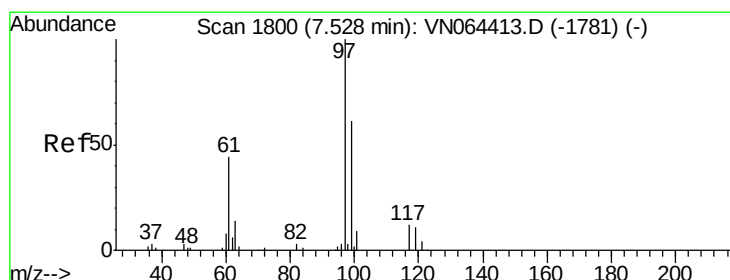
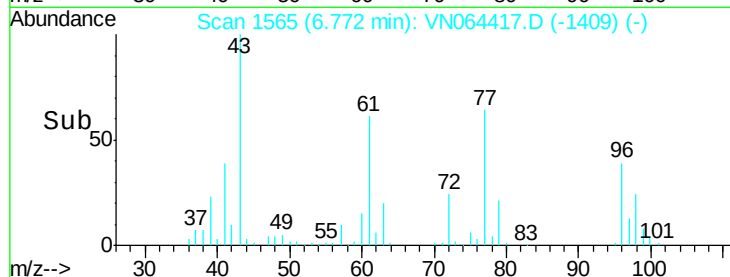
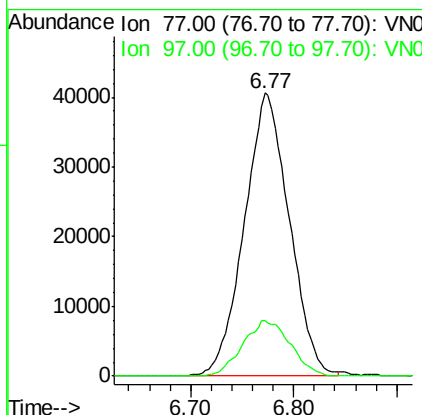
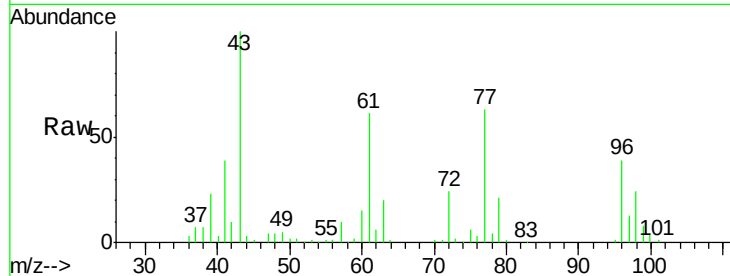
#31
 2,2-Dichloropropane
 Concen: 18.170 ug/l
 RT: 6.77 min Scan# 1565
 Delta R.T. 0.00 min
 Lab File: VN064417.D
 Acq: 2 Nov 2020 16:15

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN110220

Tot Ion: 77 Resp: 122994
 Ion Ratio Lower Upper
 77 100
 97 20.9 17.4 26.0

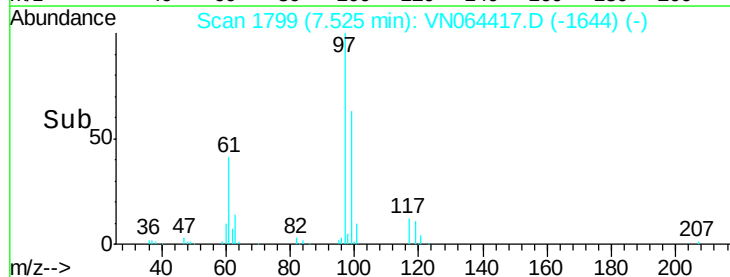
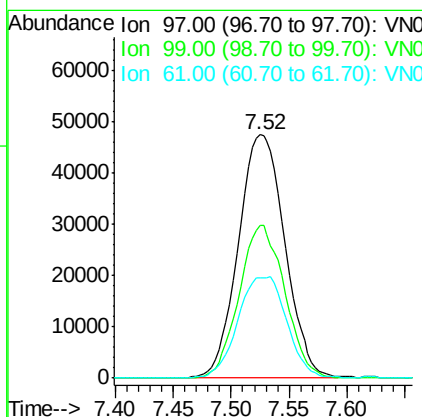
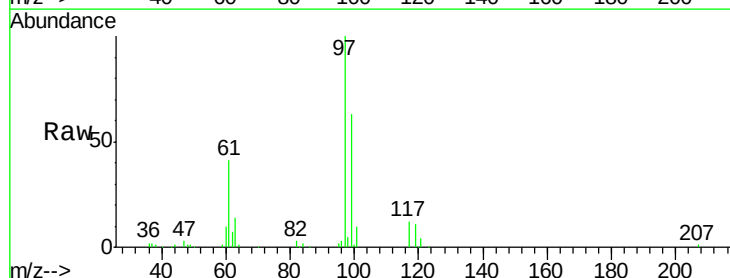
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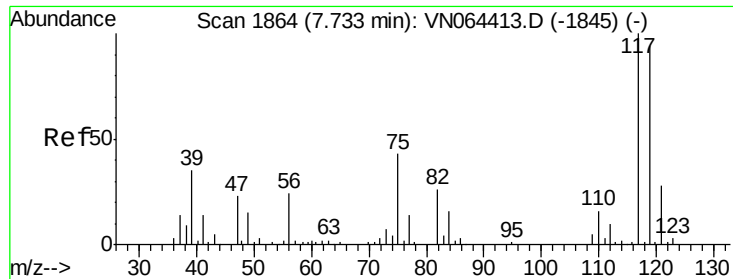
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#32
 1,1,1-Trichloroethane
 Concen: 18.351 ug/l
 RT: 7.52 min Scan# 1799
 Delta R.T. -0.00 min
 Lab File: VN064417.D
 Acq: 2 Nov 2020 16:15

Tgt Ion: 97 Resp: 132648
 Ion Ratio Lower Upper
 97 100
 99 61.6 49.8 74.8
 61 23.9 34.9 52.3#





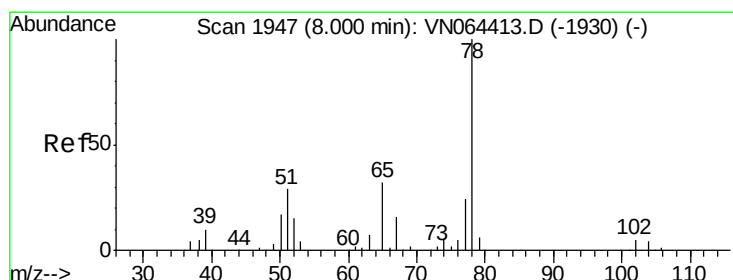
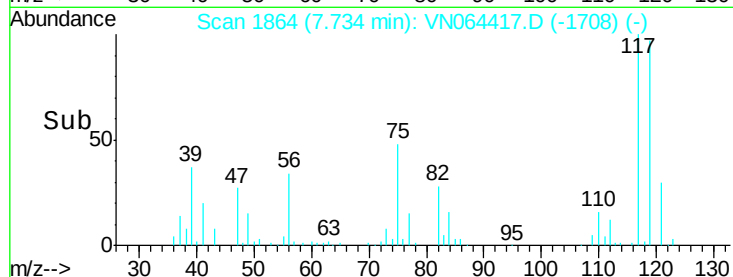
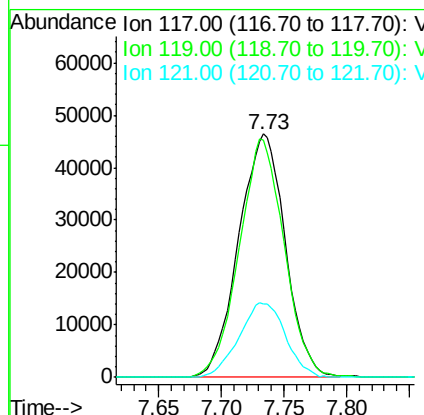
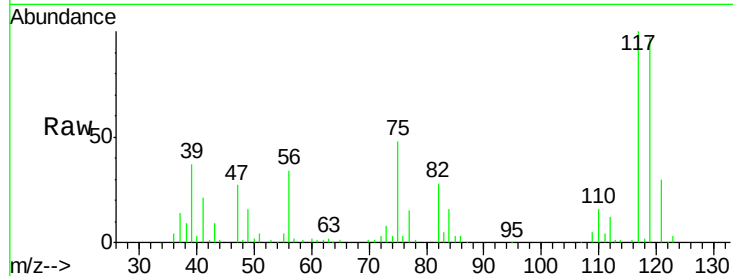
#33
Carbon Tetrachloride
Concen: 18.388 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN064417.D
Acq: 2 Nov 2020 16:15

Instrument :
MSVOA_N
ClientSampleId :
ICVVN110220

Tot Ion	Ion	Ratio	Resp	Lower	Upper
117	100		119741		
119	96.9	75.0	112.4		
121	30.4	22.1	33.1		

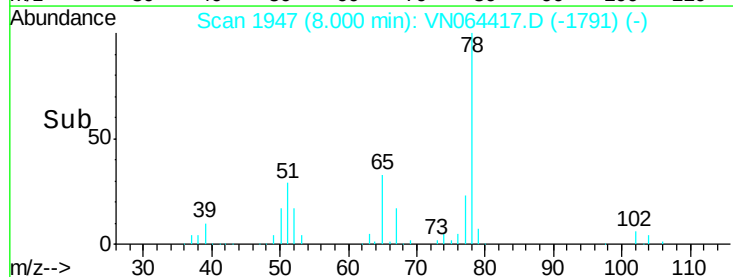
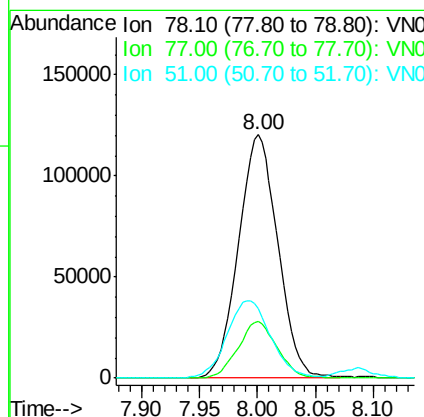
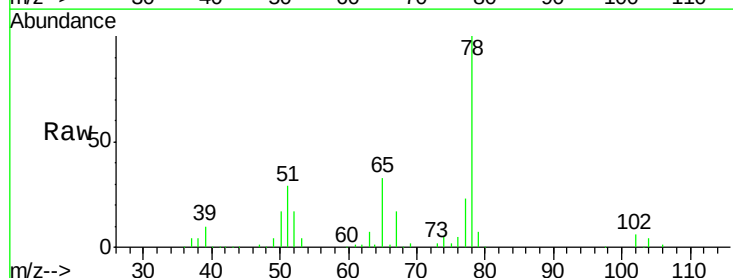
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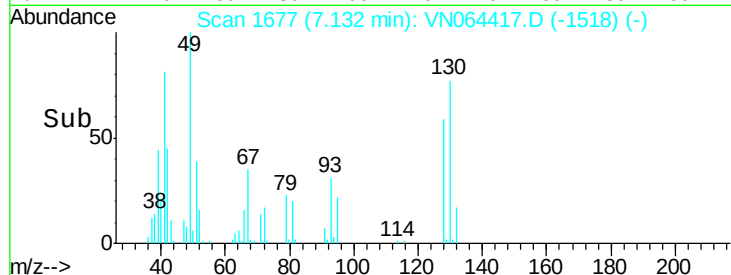
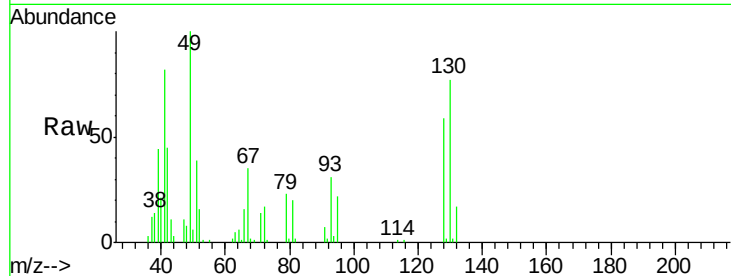
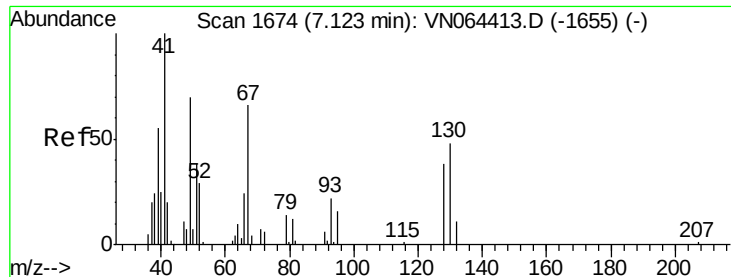
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#34
Benzene
Concen: 18.177 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. 0.00 min
Lab File: VN064417.D
Acq: 2 Nov 2020 16:15

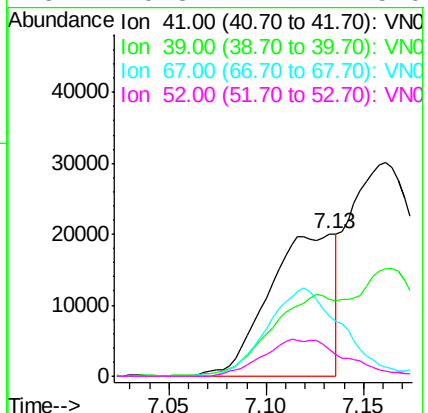
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
78	100		284002		
77	23.2	19.0	28.4		
51	28.1	23.1	34.7		





#35
Methacrylonitrile
Concen: 19.192 ug/l m
RT: 7.13 min Scan# 1677
Delta R.T. 0.01 min
Lab File: VN064417.D
Acq: 2 Nov 2020 16:15

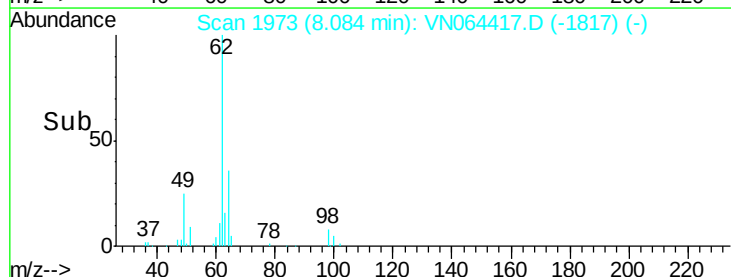
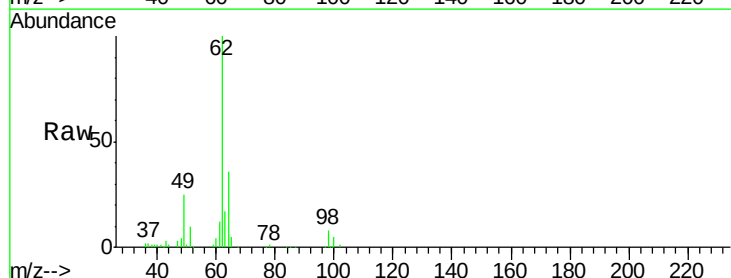
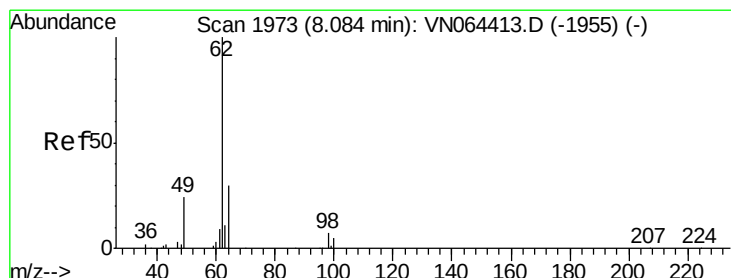
Tot Ion	41	Resp	47498
Ion Ratio	Lower	Upper	
41	100		
39	53.9	27.8	83.3
67	42.6	32.9	98.6
52	19.3	14.4	43.0



Instrument :
MSVOA_N
ClientSampleId :
ICVVN110220

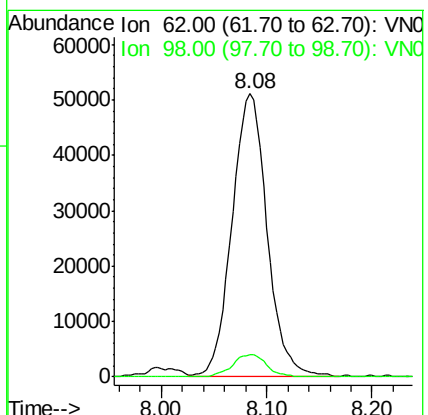
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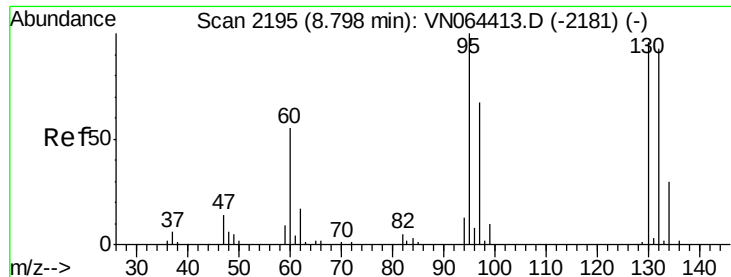
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#36
1,2-Dichloroethane
Concen: 18.323 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VN064417.D
Acq: 2 Nov 2020 16:15

Tgt Ion	62	Resp	118389
Ion Ratio	Lower	Upper	
62	100		
98	7.6	6.2	9.2





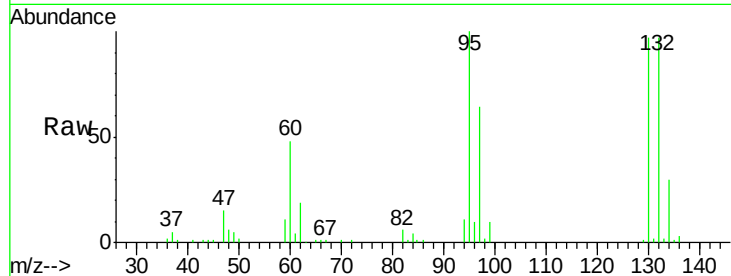
#37
 Trichloroethene
 Concen: 18.410 ug/l
 RT: 8.80 min Scan# 2195
 Delta R.T. 0.00 min
 Lab File: VN064417.D
 Acq: 2 Nov 2020 16:15

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN110220

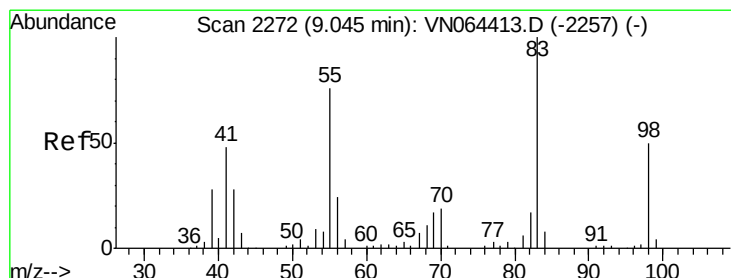
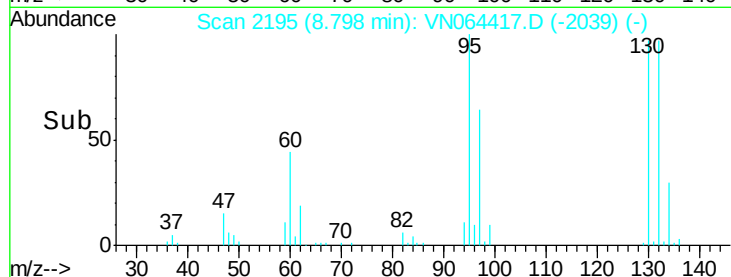
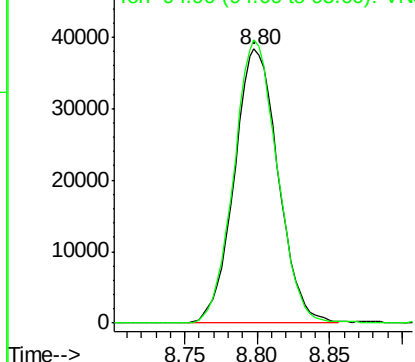
Tot Ion:130 Resp: 80750
 Ion Ratio Lower Upper
 130 100
 95 103.3 83.6 125.4

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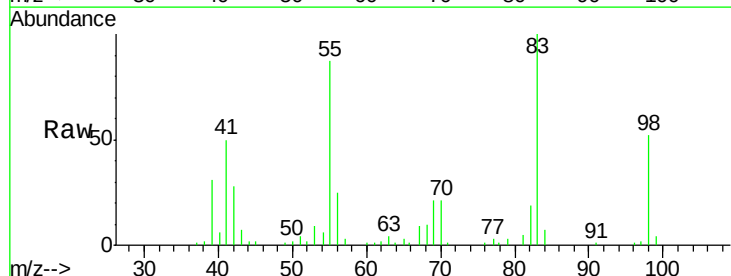


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VN

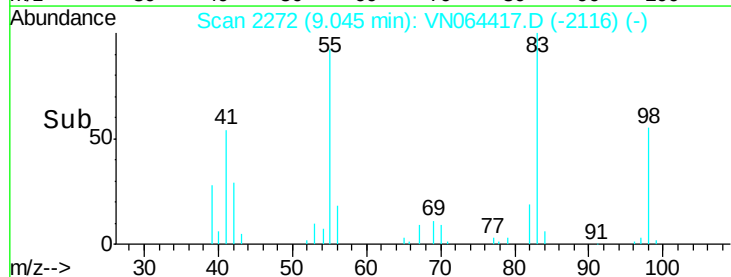
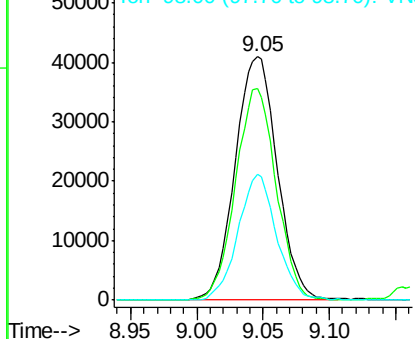


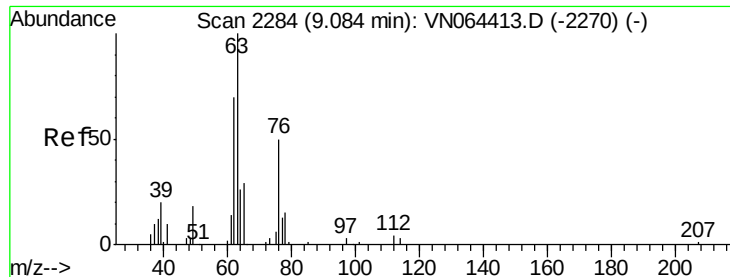
#38
 Methylcyclohexane
 Concen: 18.056 ug/l
 RT: 9.05 min Scan# 2272
 Delta R.T. 0.00 min
 Lab File: VN064417.D
 Acq: 2 Nov 2020 16:15

Tgt Ion: 83 Resp: 90311
 Ion Ratio Lower Upper
 83 100
 55 83.6 38.3 114.9
 98 47.2 24.6 74.0



Abundance Ion 83.00 (82.70 to 83.70): VNO
 Ion 55.00 (54.70 to 55.70): VNO
 Ion 98.00 (97.70 to 98.70): VNO





#39

1,2-Dichloropropane

Concen: 18.754 ug/l

RT: 9.08 min Scan# 2283

Delta R.T. -0.00 min

Lab File: VN064417.D

Acq: 2 Nov 2020 16:15

Instrument :

MSVOA_N

ClientSampled :

ICVVN110220

Tot Ion: 63 Resp: 75177

Ion Ratio Lower Upper

63 100

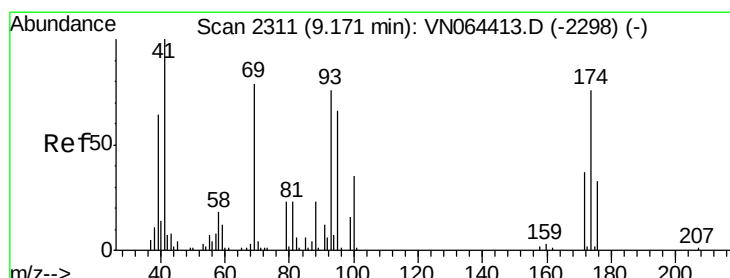
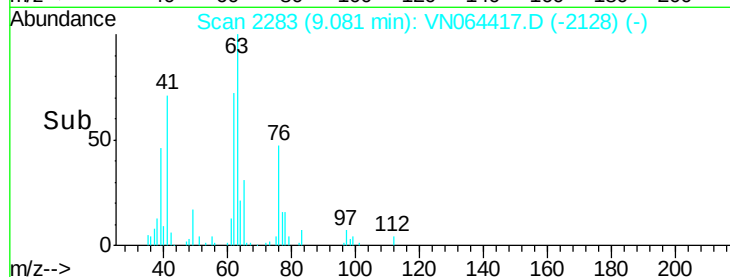
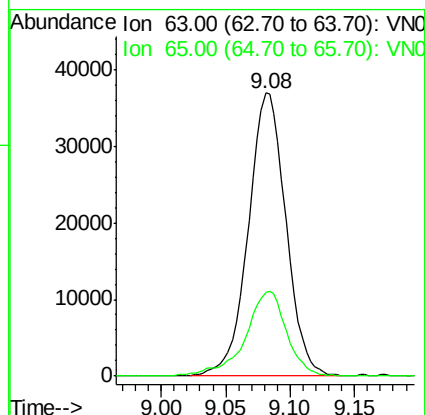
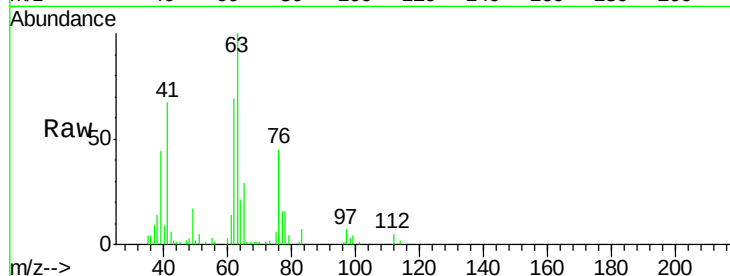
65 29.4 25.0 37.6

Manual Integrations

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#40

Dibromomethane

Concen: 17.727 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN064417.D

Acq: 2 Nov 2020 16:15

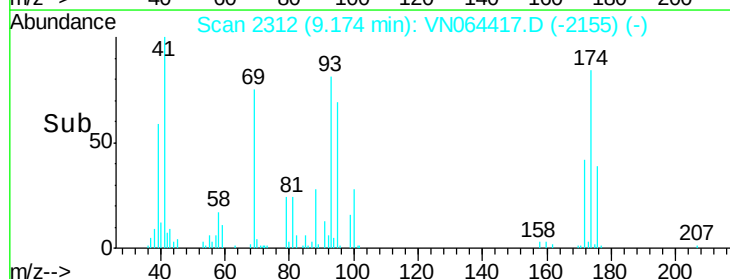
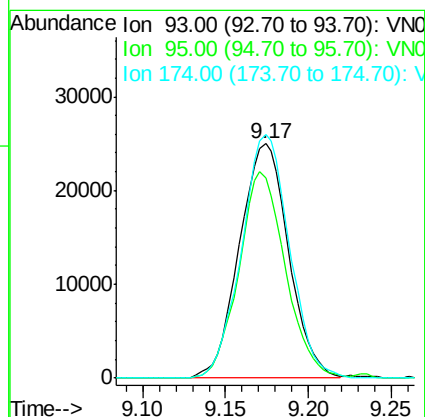
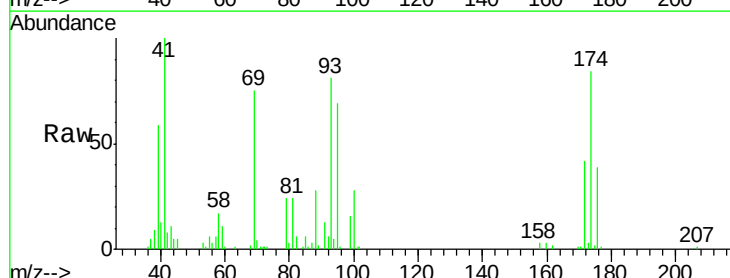
Tgt Ion: 93 Resp: 51500

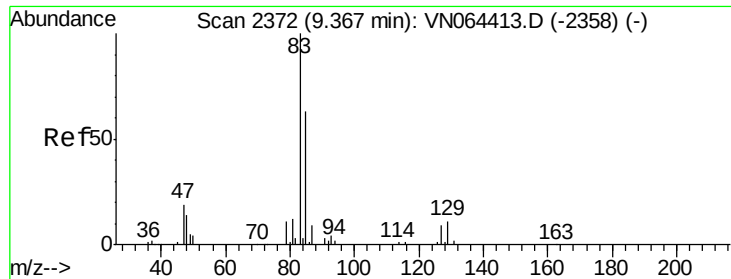
Ion Ratio Lower Upper

93 100

95 83.5 0.0 170.0

174 101.1 0.0 199.8





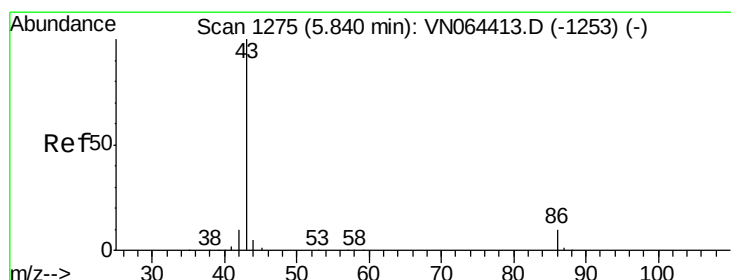
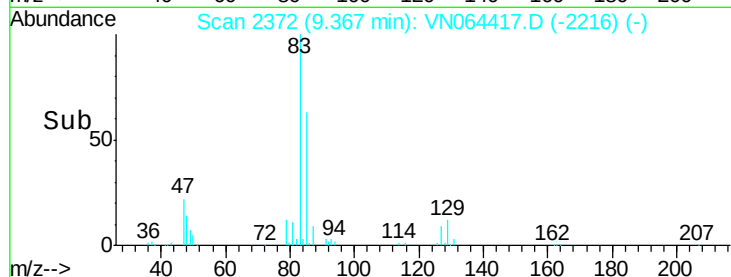
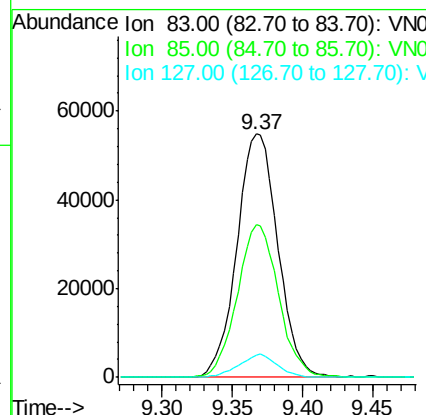
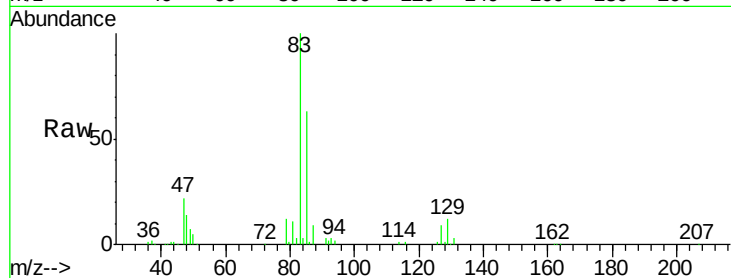
#41
Bromodichloromethane
Concen: 18.159 ug/l
RT: 9.37 min Scan# 2372
Delta R.T. 0.00 min
Lab File: VN064417.D
Acq: 2 Nov 2020 16:15

Instrument :
MSVOA_N
ClientSampleId :
ICVVN110220

Tot Ion	83	Resp	111430
Ion Ratio	100	Lower	Upper
85	62.7	50.5	75.7
127	9.2	7.0	10.6

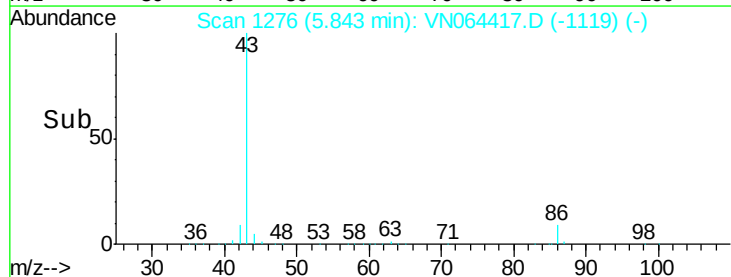
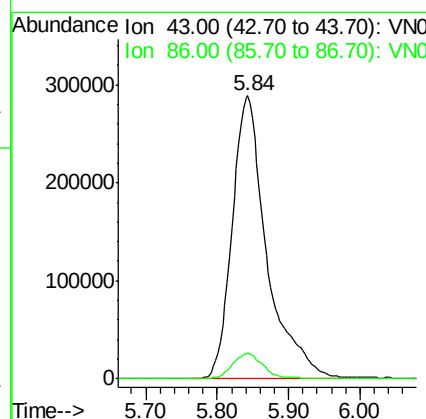
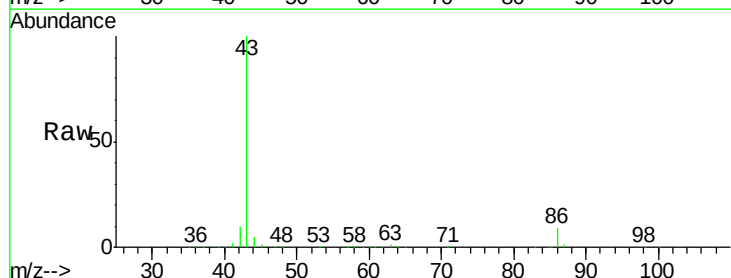
Manual Integrations
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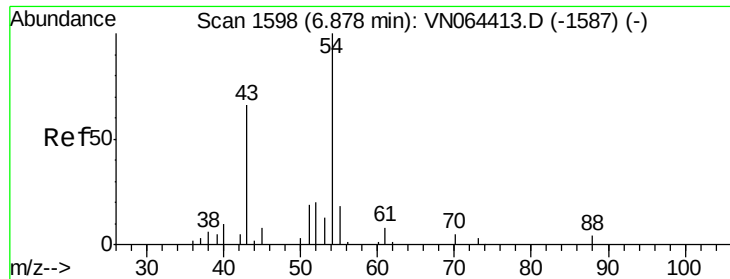
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#42
Vinyl Acetate
Concen: 92.140 ug/l
RT: 5.84 min Scan# 1276
Delta R.T. 0.00 min
Lab File: VN064417.D
Acq: 2 Nov 2020 16:15

Tgt Ion	43	Resp	976503
Ion Ratio	100	Lower	Upper
86	7.9	6.5	9.7





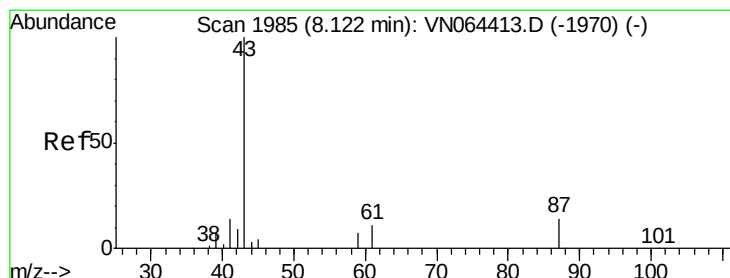
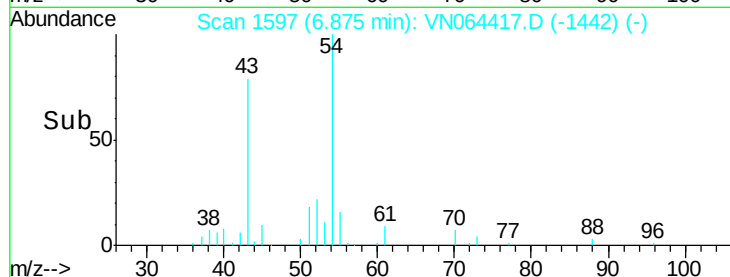
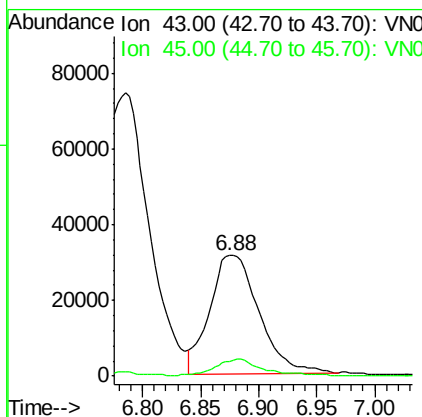
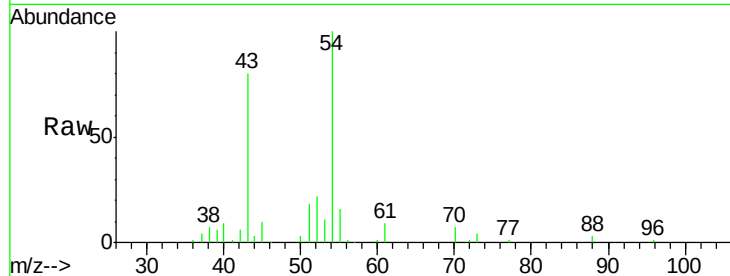
#43
Ethyl Acetate
Concen: 19.242 ug/l
RT: 6.88 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VN064417.D
Acq: 2 Nov 2020 16:15

Instrument :
MSVOA_N
ClientSampleId :
ICVVN110220

Tot Ion: 43 Resp: 93282
Ion Ratio Lower Upper
43 100
45 12.1 5.2 7.8#

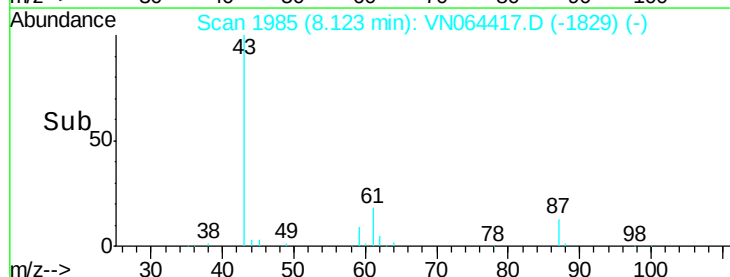
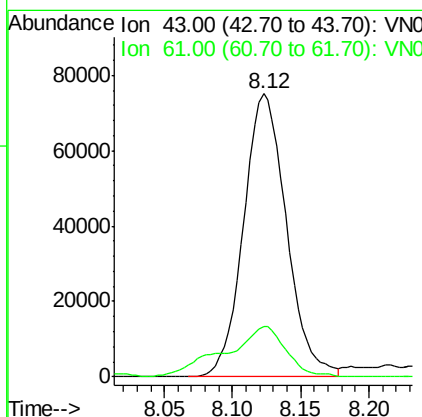
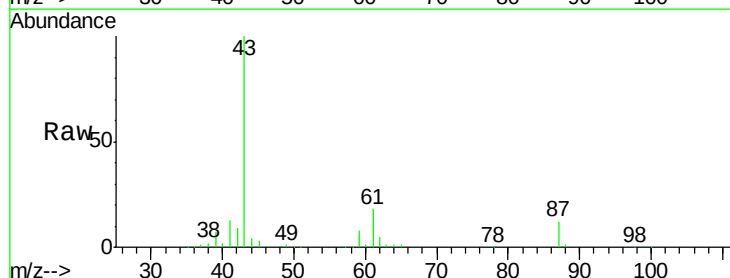
Manual Integrations
APPROVED

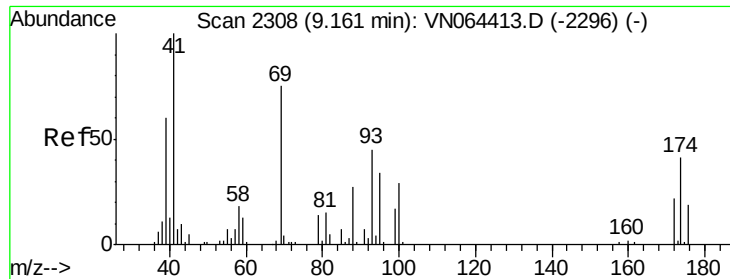
MMDadoda
11/3/2020 2:20:52 PM



#44
Isopropyl Acetate
Concen: 18.921 ug/l
RT: 8.12 min Scan# 1985
Delta R.T. 0.00 min
Lab File: VN064417.D
Acq: 2 Nov 2020 16:15

Tgt Ion: 43 Resp: 163162
Ion Ratio Lower Upper
43 100
61 16.4 20.4 30.6#





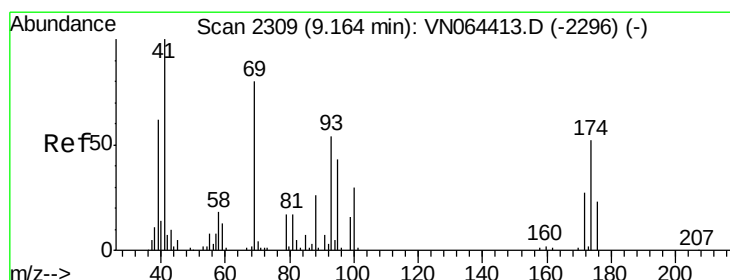
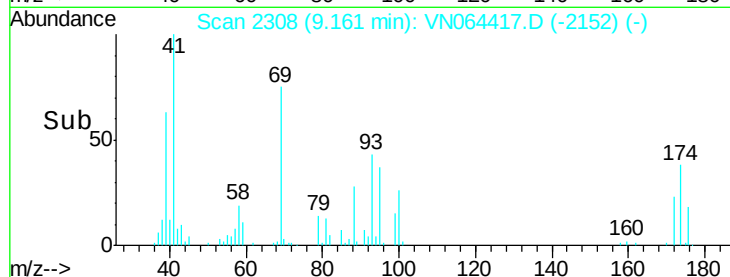
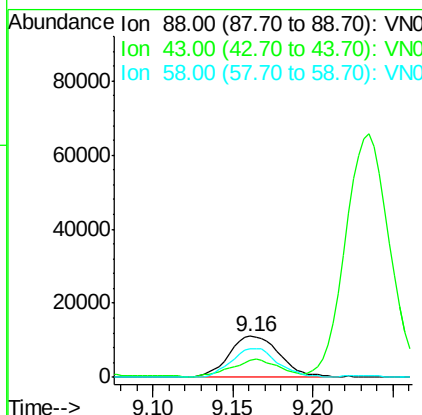
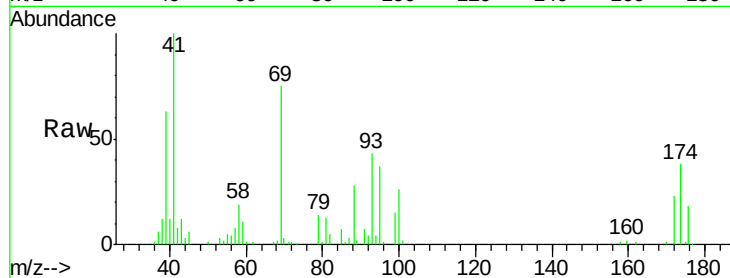
#45
1,4-Dioxane
Concen: 402.533 ug/l
RT: 9.16 min Scan# 2308
Delta R.T. 0.00 min
Lab File: VN064417.D
Acq: 2 Nov 2020 16:15

Instrument :
MSVOA_N
ClientSampled :
ICVVN110220

Tot Ion	Ratio	Lower	Upper
88	100		
43	41.2	32.0	48.0
58	60.7	59.1	88.7

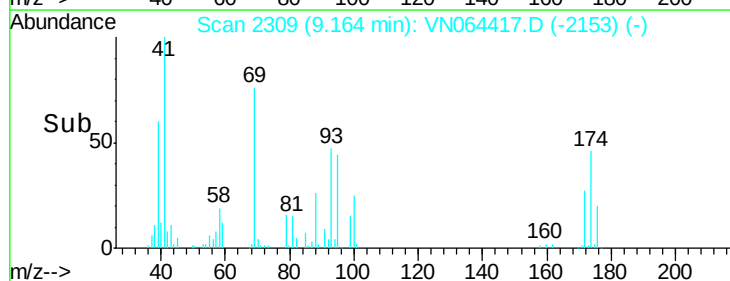
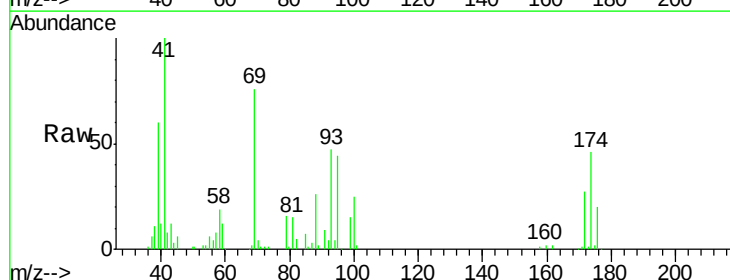
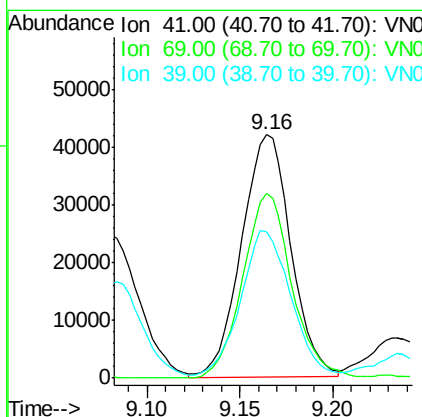
Manual Integrations
APPROVED

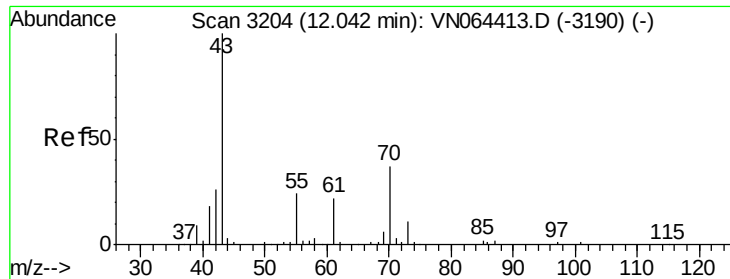
MMDadoda
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#46
Methyl methacrylate
Concen: 18.327 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. 0.00 min
Lab File: VN064417.D
Acq: 2 Nov 2020 16:15

Tgt Ion	Ratio	Lower	Upper
41	100		
69	77.2	39.8	119.4
39	59.5	30.5	91.5





#47

n-amvl Acetate

Concen: 18.181 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. 0.00 min

Lab File: VN064417.D

Acq: 2 Nov 2020 16:15

Instrument :

MSVOA_N

ClientSampleId :

ICVVN110220

Tot Ion: 43 Resp: 133347

Ion Ratio Lower Upper

43 100

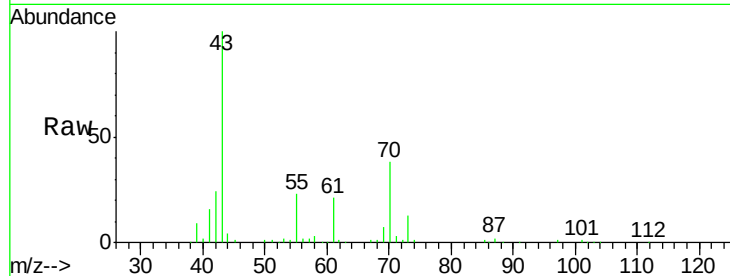
55 22.8 18.1 27.1

Manual Integrations

APPROVED

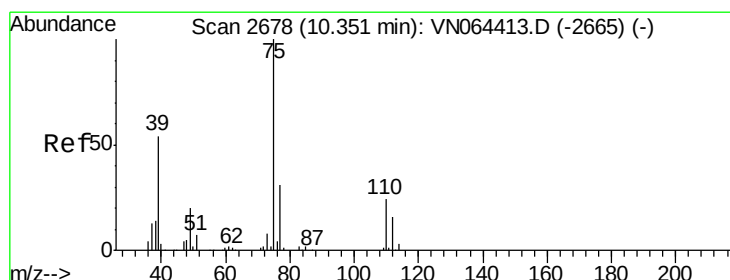
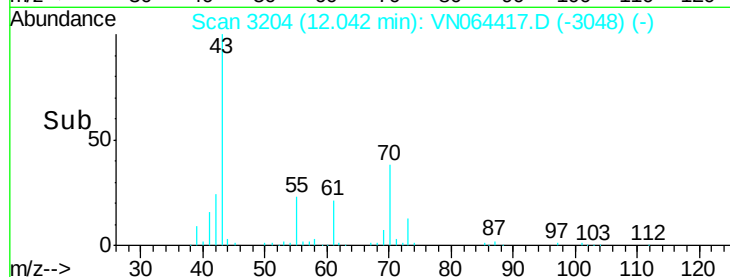
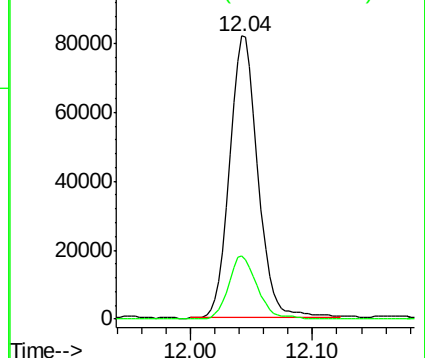
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#48

t-1,3-Dichloropropene

Concen: 17.690 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN064417.D

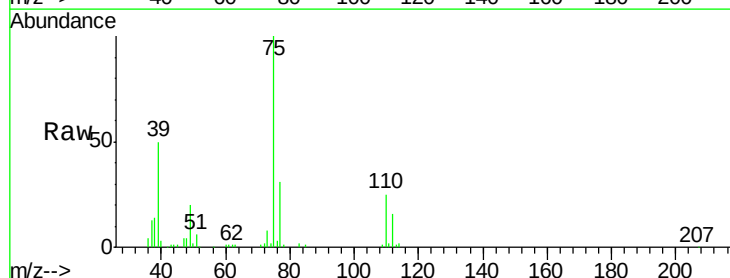
Acq: 2 Nov 2020 16:15

Tgt Ion: 75 Resp: 119800

Ion Ratio Lower Upper

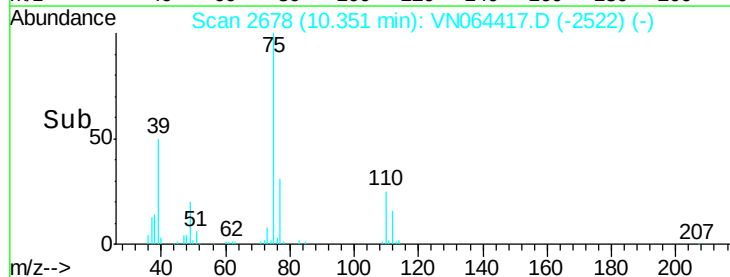
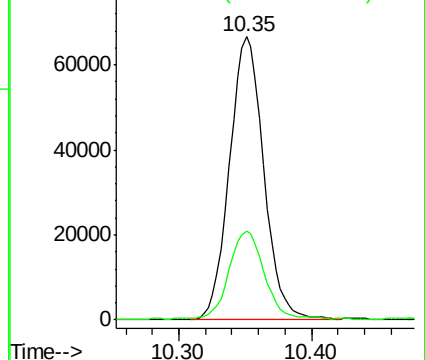
75 100

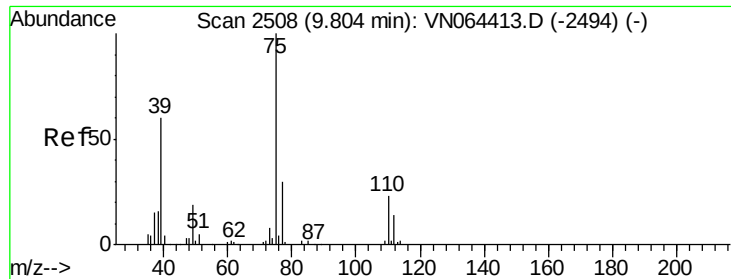
77 30.9 24.9 37.3



Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 77.00 (76.70 to 77.70): VN0





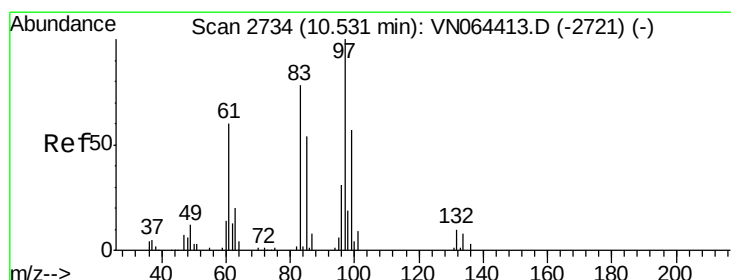
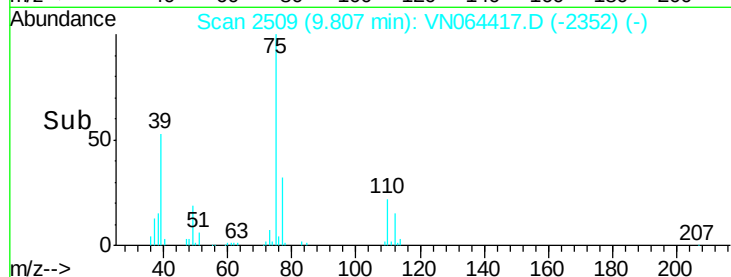
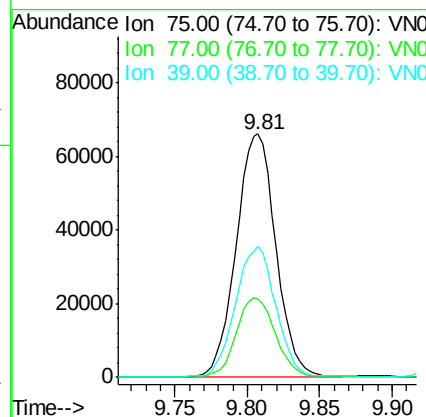
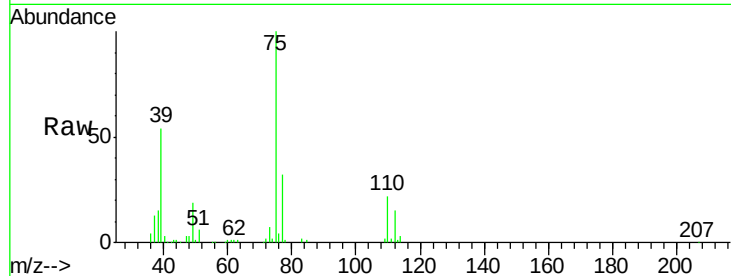
#49
 cis-1,3-Dichloropropene
 Concen: 17.900 ug/l
 RT: 9.81 min Scan# 2509
 Delta R.T. 0.00 min
 Lab File: VN064417.D
 Acq: 2 Nov 2020 16:15

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN110220

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.5	24.3	36.5
39	53.1	48.0	72.0

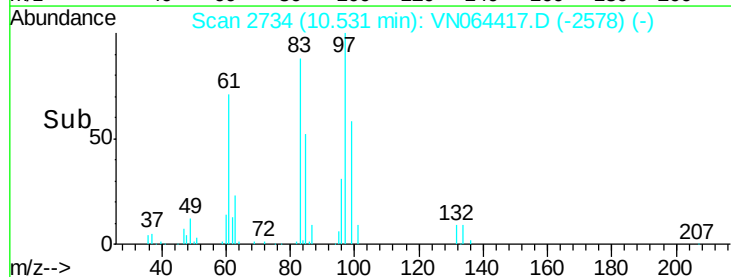
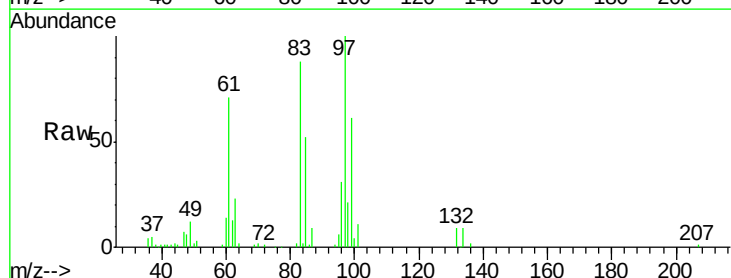
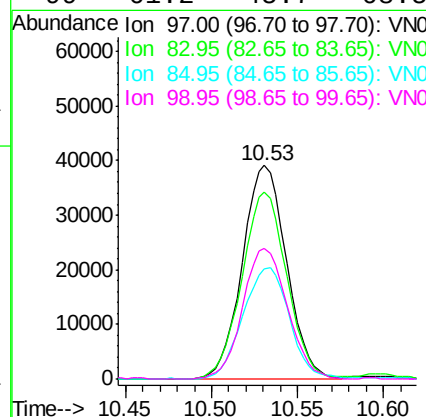
Manual Integrations
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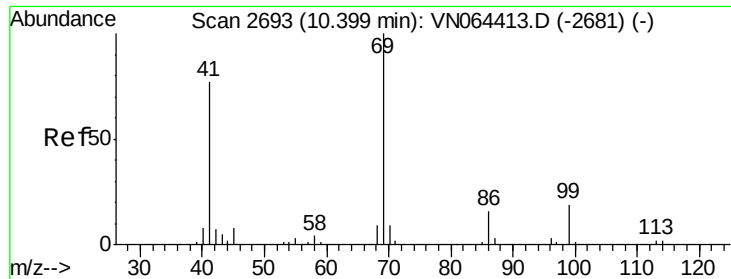
MMDadoda
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#50
 1,1,2-Trichloroethane
 Concen: 17.892 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN064417.D
 Acq: 2 Nov 2020 16:15

Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.6	62.4	93.6
85	51.6	42.9	64.3
99	61.2	45.7	68.5





#51

Ethyl methacrylate

Concen: 18.086 ug/l

RT: 10.40 min Scan# 2693

Delta R.T. 0.00 min

Lab File: VN064417.D

Acq: 2 Nov 2020 16:15

Instrument :

MSVOA_N

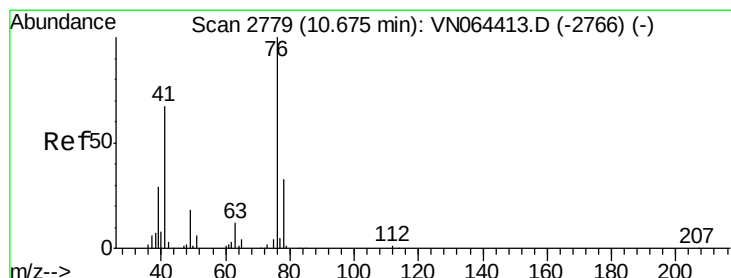
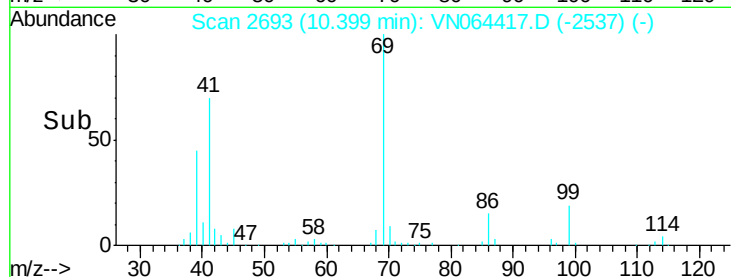
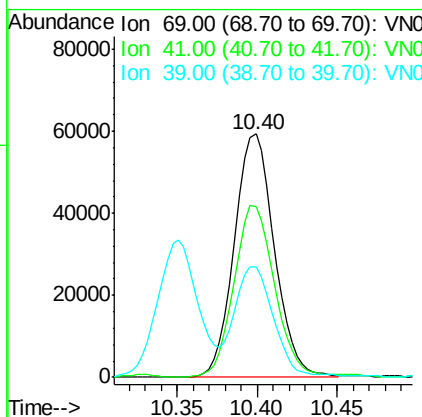
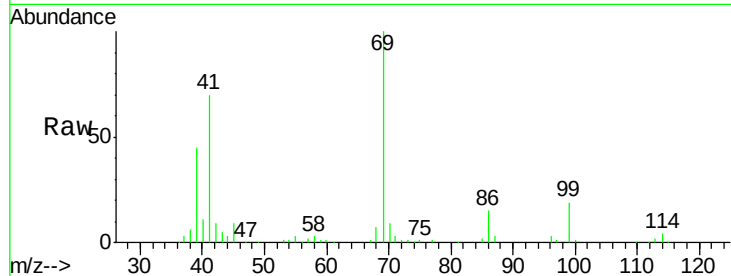
ClientSampled :

ICVVN110220

Tot Ion:	69	Resp:	101344
Ion Ratio	Lower	Upper	
69	100		
41	70.3	38.4	115.2
39	44.5	22.7	68.0

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 18.306 ug/l

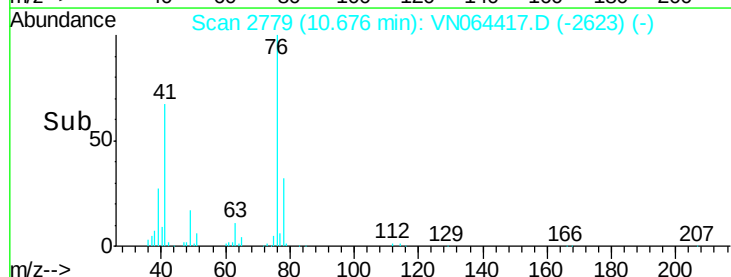
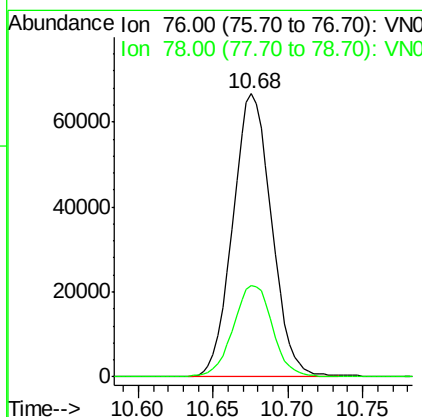
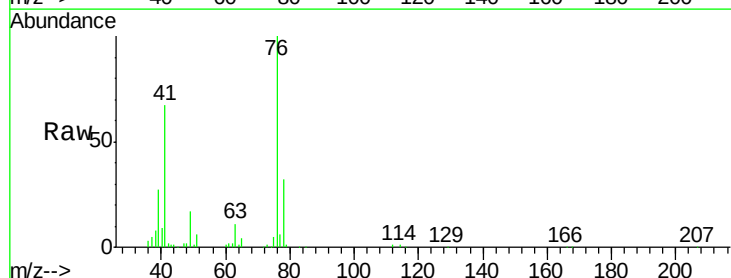
RT: 10.68 min Scan# 2779

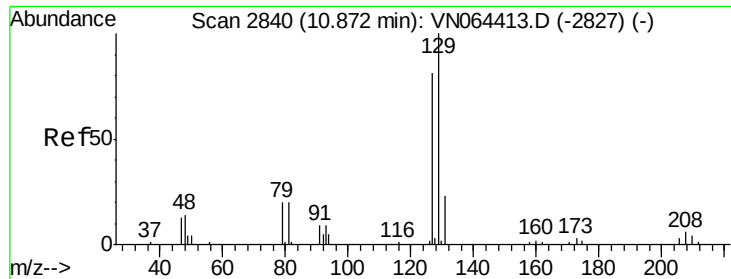
Delta R.T. 0.00 min

Lab File: VN064417.D

Acq: 2 Nov 2020 16:15

Tgt Ion:	76	Resp:	120415
Ion Ratio	Lower	Upper	
76	100		
78	32.7	0.0	65.2





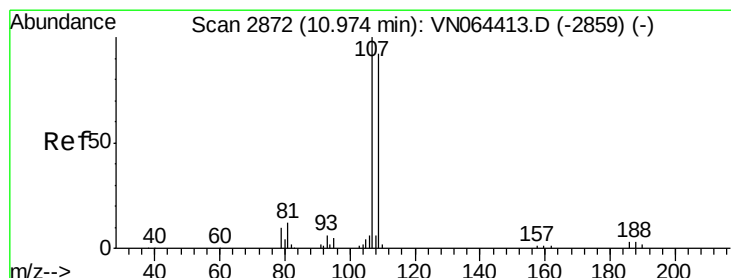
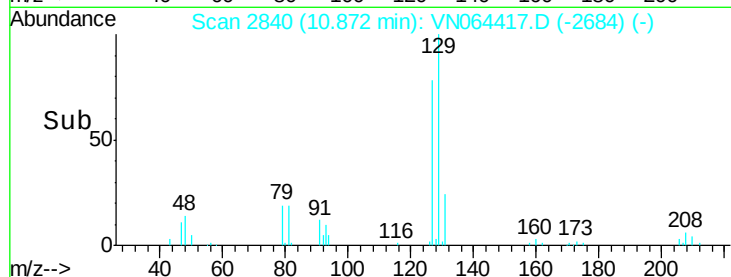
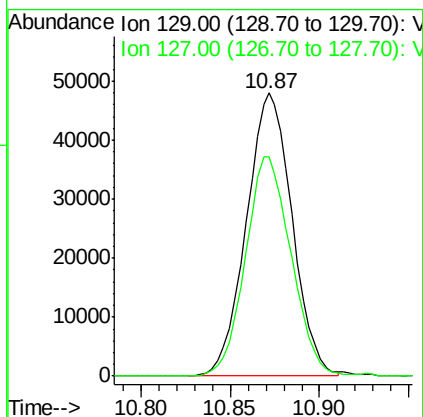
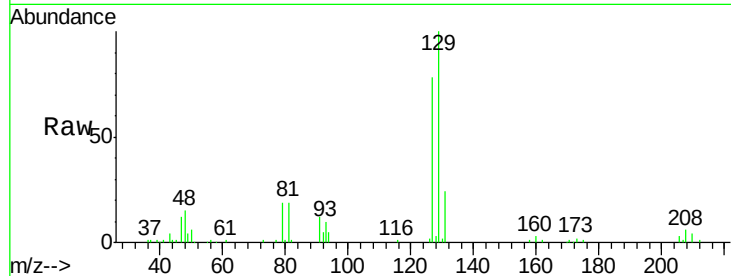
#53
 Dibromochloromethane
 Concen: 17.966 ug/l
 RT: 10.87 min Scan# 2840
 Delta R.T. 0.00 min
 Lab File: VN064417.D
 Acq: 2 Nov 2020 16:15

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN110220

Tot Ion:129 Resp: 86081
 Ion Ratio Lower Upper
 129 100
 127 77.2 38.6 115.7

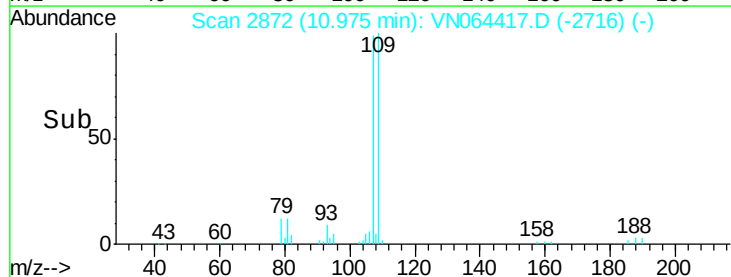
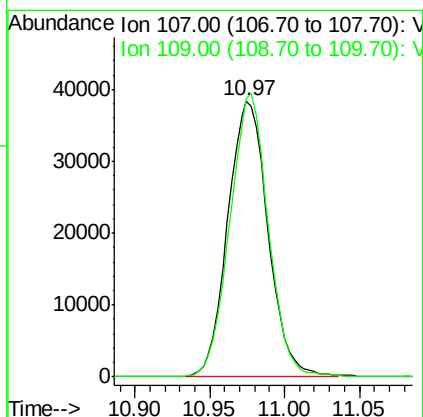
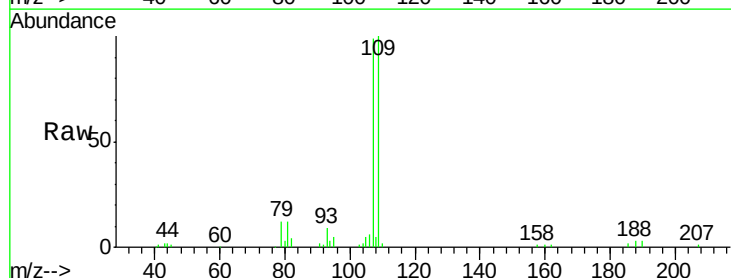
Manual Integrations
 APPROVED

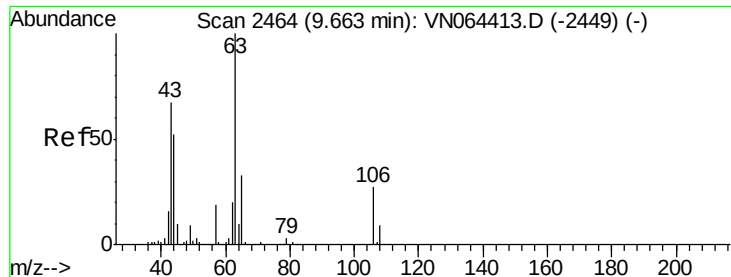
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 11/3/2020 2:20:52 PM



#54
 1,2-Dibromoethane
 Concen: 17.216 ug/l
 RT: 10.97 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: VN064417.D
 Acq: 2 Nov 2020 16:15

Tgt Ion:107 Resp: 71884
 Ion Ratio Lower Upper
 107 100
 109 98.1 76.5 114.7





#55

2-Chloroethyl vinyl ether

Concen: 89.845 ug/l

RT: 9.66 min Scan# 2463

Delta R.T. -0.00 min

Lab File: VN064417.D

Acq: 2 Nov 2020 16:15

Instrument :

MSVOA_N

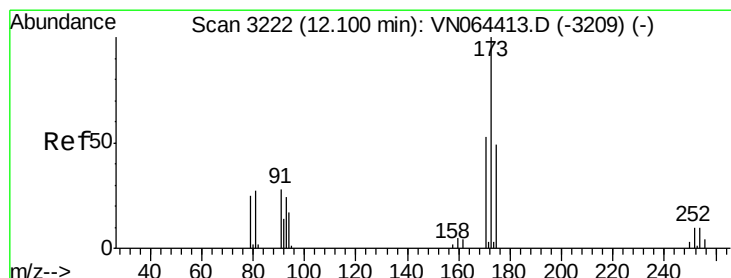
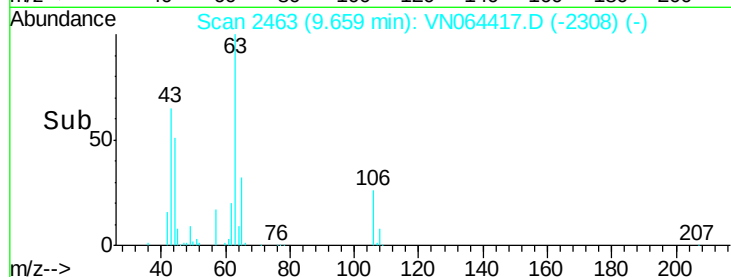
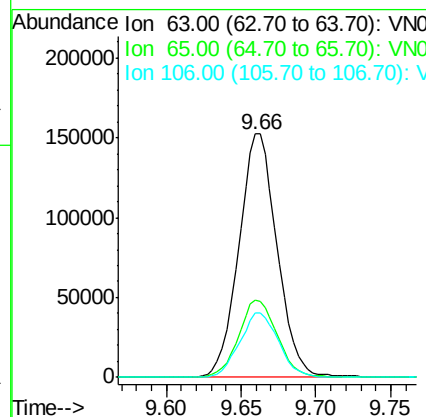
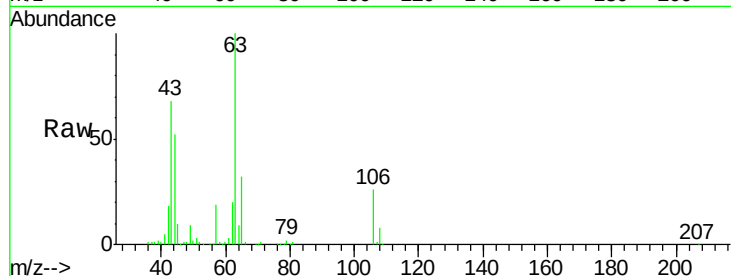
ClientSampleId :

ICVVN110220

Tot Ion:	63	Resp:	270586
Ion	Ratio	Lower	Upper
63	100		
65	32.1	26.2	39.4
106	26.9	21.8	32.6

Manual Integrations
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#56

Bromoform

Concen: 17.481 ug/l

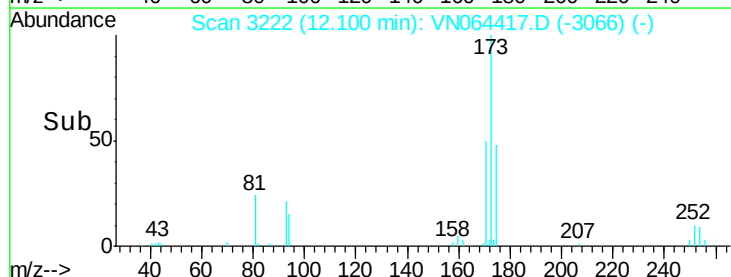
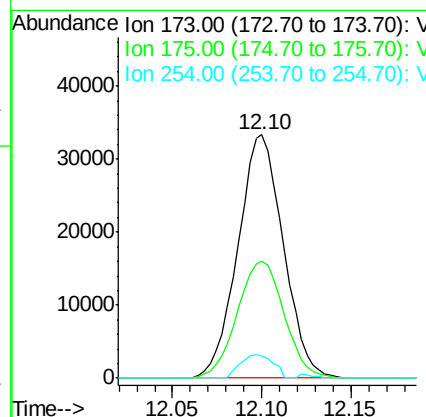
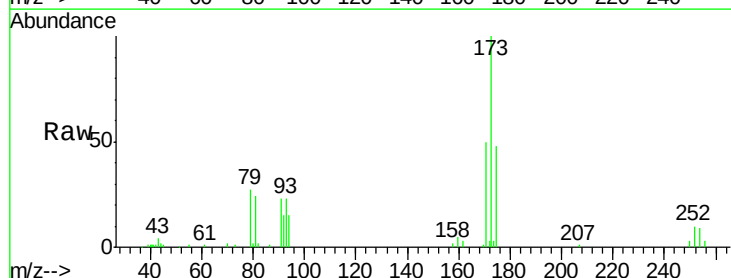
RT: 12.10 min Scan# 3222

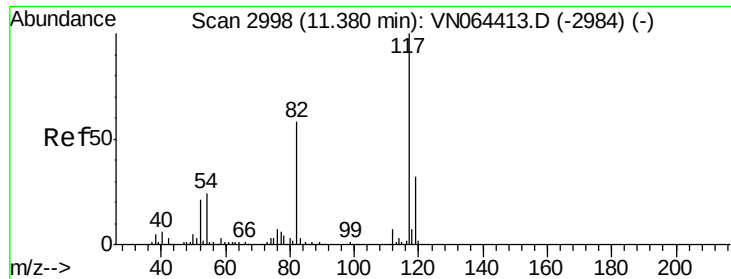
Delta R.T. 0.00 min

Lab File: VN064417.D

Acq: 2 Nov 2020 16:15

Tgt Ion:	173	Resp:	59077
Ion	Ratio	Lower	Upper
173	100		
175	49.5	39.0	58.4
254	6.9	7.0	10.6#





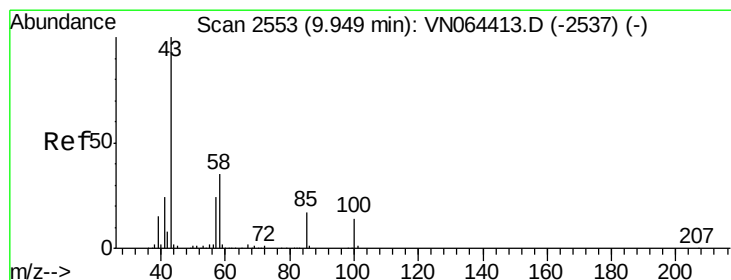
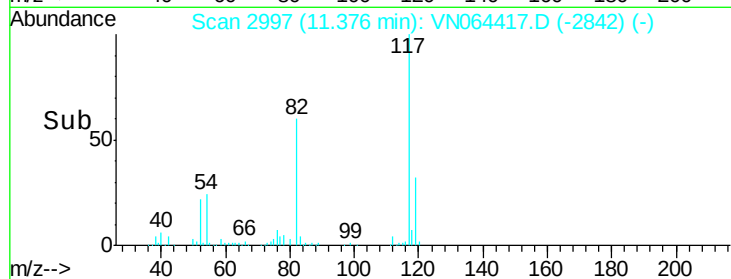
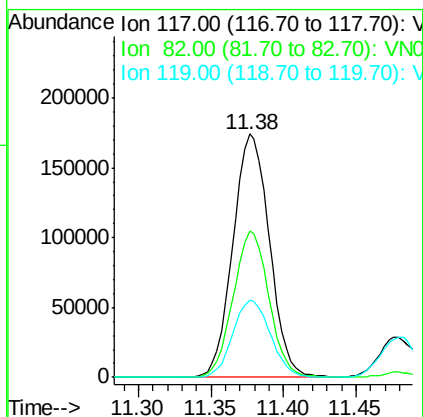
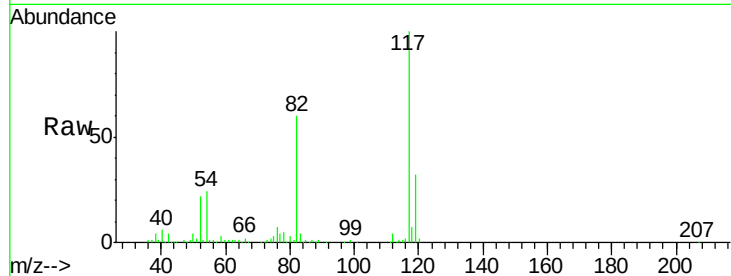
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2997
Delta R.T. -0.00 min
Lab File: VN064417.D
Acq: 2 Nov 2020 16:15

Instrument :
MSVOA_N
ClientSampleId :
ICVVN110220

Tot Ion	Ratio	Resp	Lower	Upper
117	100	305212		
82	58.7	46.1	69.1	
119	32.7	26.2	39.2	

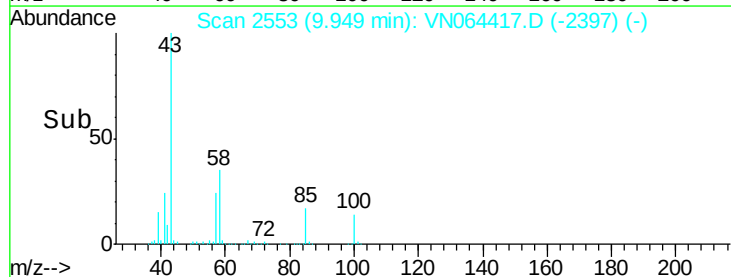
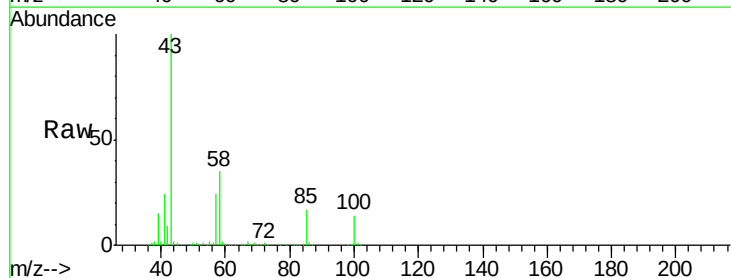
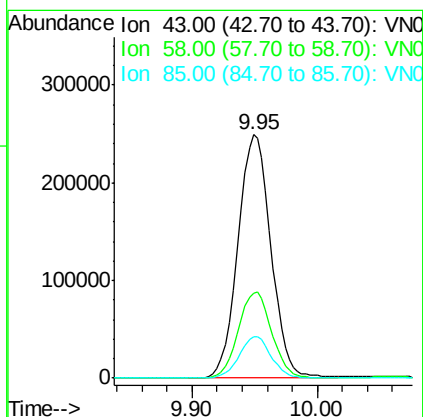
Manual Integrations
APPROVED

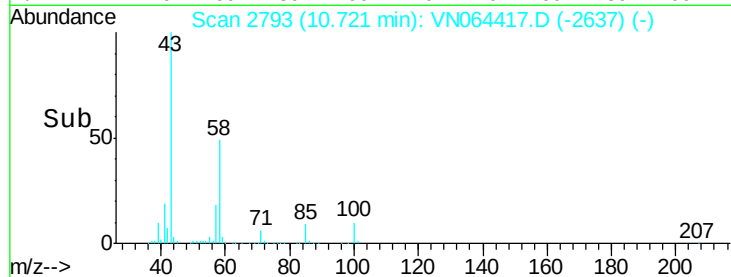
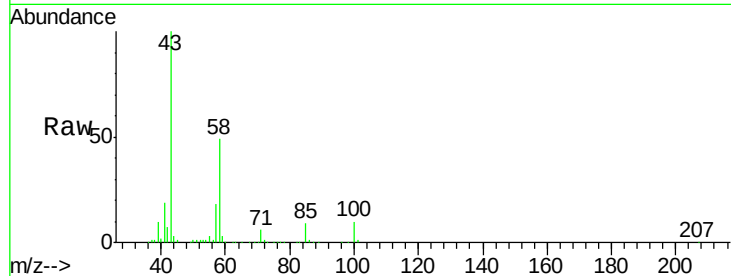
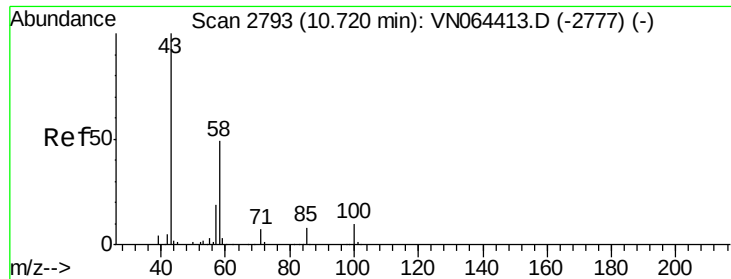
MMDadoda
11/3/2020 2:20:52 PM



#58
4-Methyl-2-Pentanone
Concen: 93.905 ug/l
RT: 9.95 min Scan# 2553
Delta R.T. 0.00 min
Lab File: VN064417.D
Acq: 2 Nov 2020 16:15

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	453655		
58	36.0	28.6	43.0	
85	16.7	13.5	20.3	





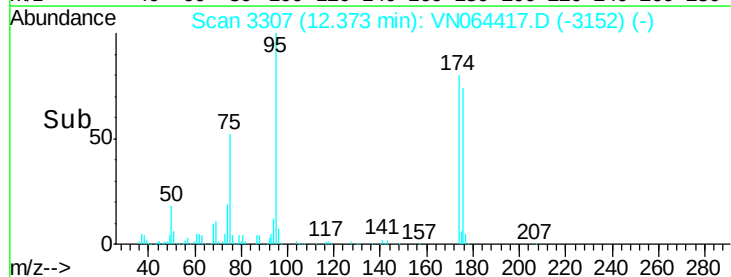
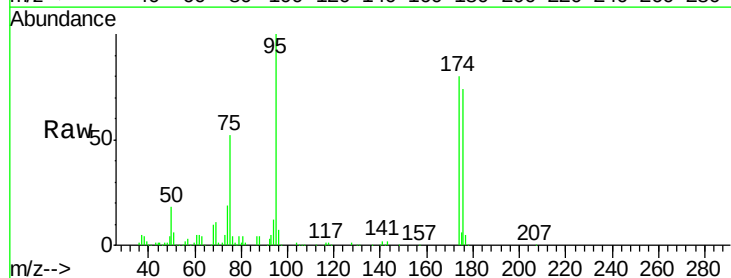
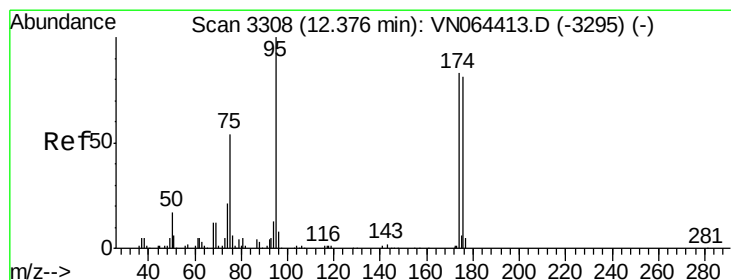
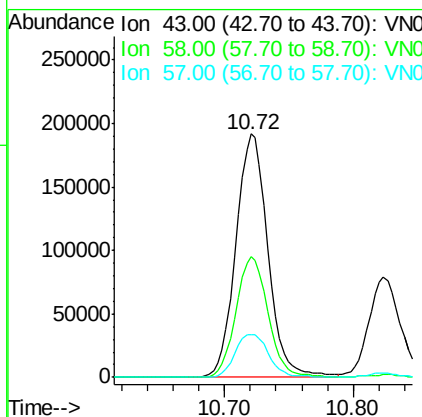
#59
2-Hexanone
Concen: 91.527 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN064417.D
Acq: 2 Nov 2020 16:15

Tot Ion	43	Resp	329098
Ion Ratio	Lower	Upper	
43	100		
58	49.8	39.4	59.0
57	18.6	14.4	21.6

Instrument :
MSVOA_N
ClientSampleId :
ICVVN110220

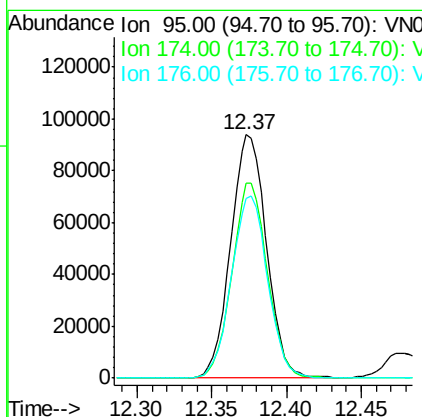
Manual Integrations
APPROVED

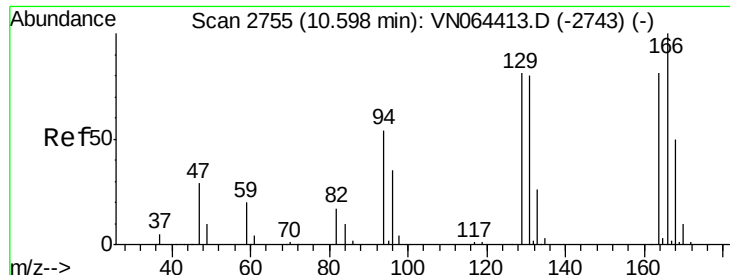
MMDadoda
11/3/2020 2:20:52 PM



#60
4-Bromofluorobenzene
Concen: 30.444 ug/l
RT: 12.37 min Scan# 3307
Delta R.T. -0.00 min
Lab File: VN064417.D
Acq: 2 Nov 2020 16:15

Tgt Ion	95	Resp	157037
Ion Ratio	Lower	Upper	
95	100		
174	78.6	65.2	97.8
176	75.3	62.2	93.4





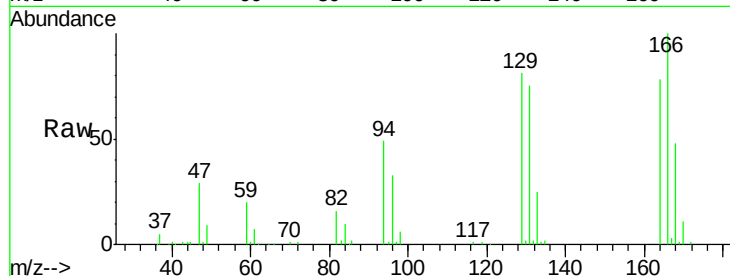
#61
Tetrachloroethene
Concen: 19.052 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN064417.D
Acq: 2 Nov 2020 16:15

Instrument :
MSVOA_N
ClientSampleId :
ICVVN110220

Tot Ion	Ratio	Lower	Upper
164	100		
166	128.6	98.7	148.1
129	104.3	80.2	120.4
131	96.5	78.7	118.1

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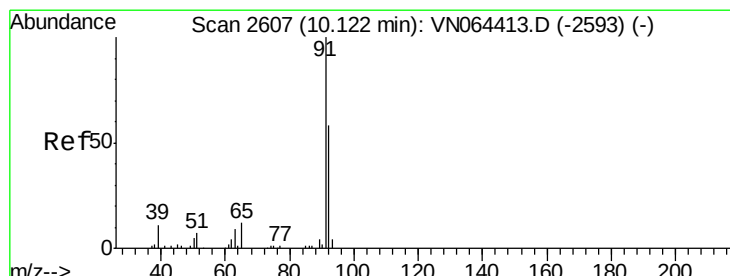
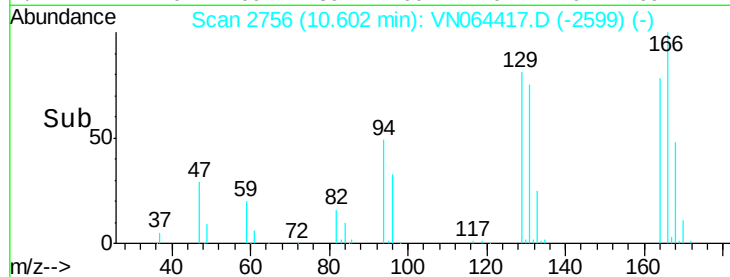
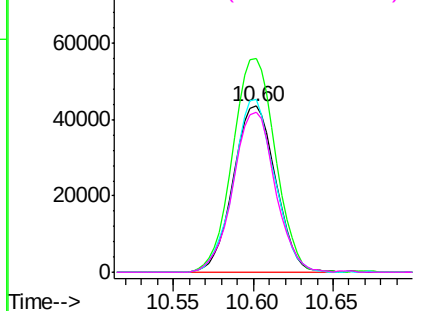


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

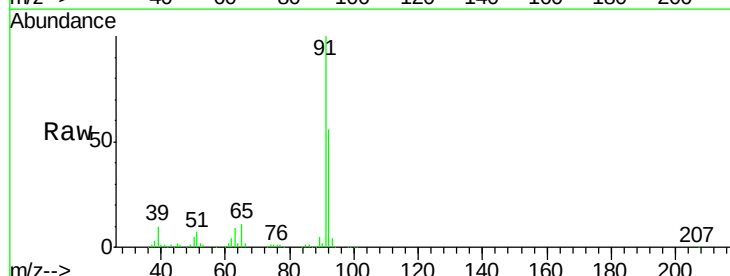
Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



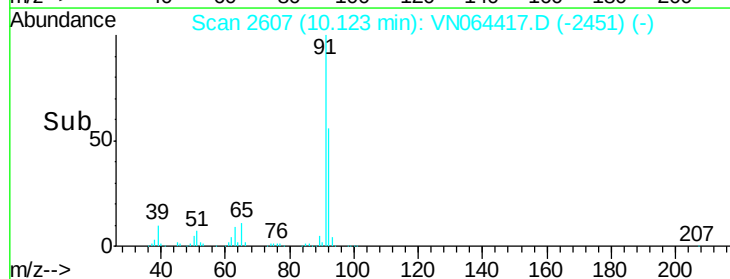
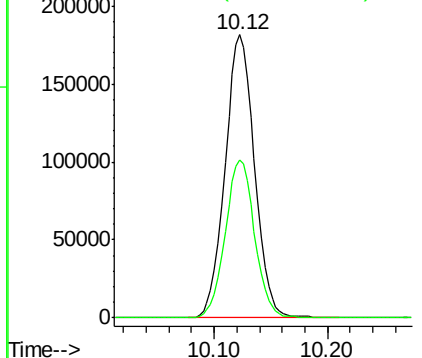
#62
Toluene
Concen: 19.162 ug/l
RT: 10.12 min Scan# 2607
Delta R.T. 0.00 min
Lab File: VN064417.D
Acq: 2 Nov 2020 16:15

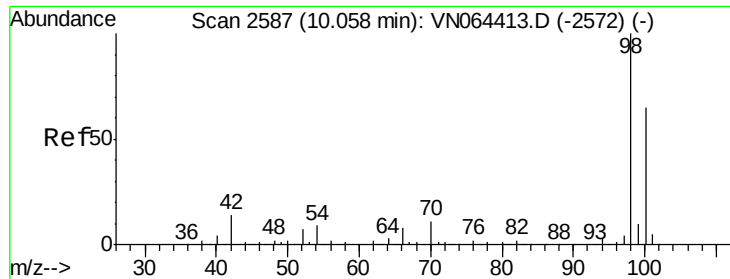
Tgt Ion	Ratio	Lower	Upper
91	100		
92	55.8	46.2	69.4



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V





#63

Toluene-d8

Concen: 30.371 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064417.D

Acq: 2 Nov 2020 16:15

Instrument :

MSVOA_N

ClientSampleId :

ICVVN110220

Tot Ion: 98 Resp: 413361

Ion Ratio Lower Upper

98 100

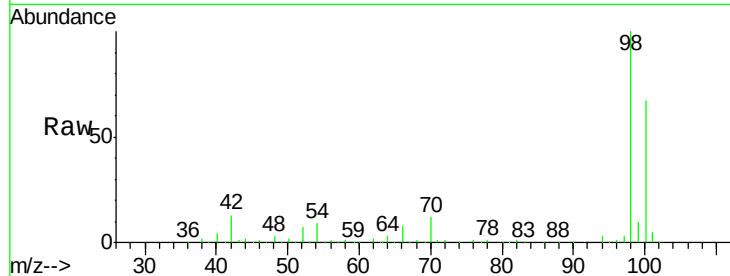
100 64.1 51.9 77.9

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Abundance Ion 98.00 (97.70 to 98.70): VN064417.D (-2572) (-)

Ion 100.00 (99.70 to 100.70): VN064417.D (-2572) (-)

10.06

250000

200000

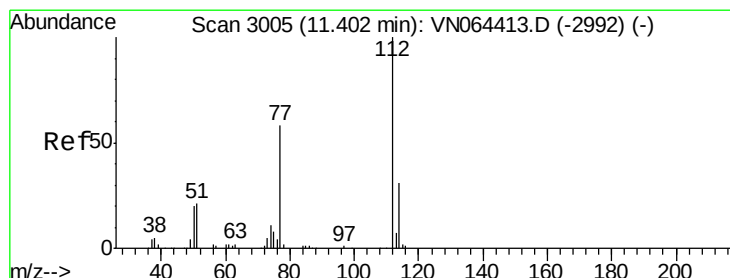
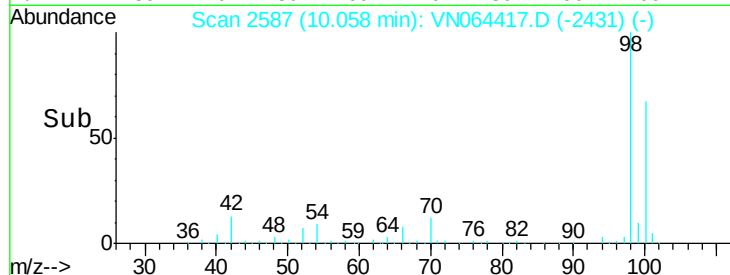
150000

100000

50000

0

Time-->



#64

Chlorobenzene

Concen: 18.670 ug/l

RT: 11.41 min Scan# 3006

Delta R.T. 0.00 min

Lab File: VN064417.D

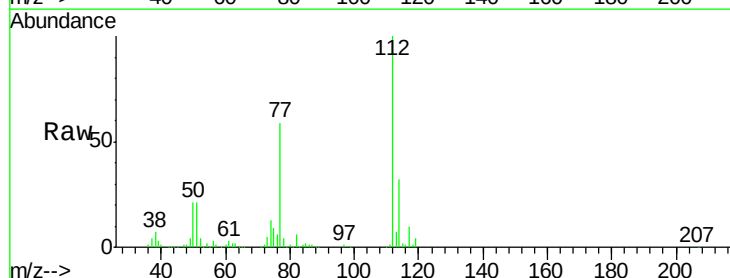
Acq: 2 Nov 2020 16:15

Tgt Ion: 112 Resp: 199811

Ion Ratio Lower Upper

112 100

114 31.8 24.8 37.2



Abundance Ion 112.00 (111.70 to 112.70): VN064417.D (-2992) (-)

Ion 114.00 (113.70 to 114.70): VN064417.D (-2992) (-)

11.41

120000

100000

80000

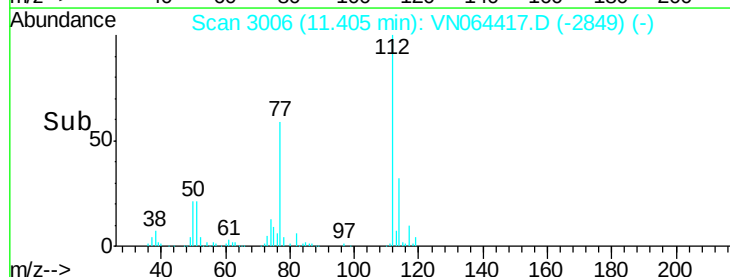
60000

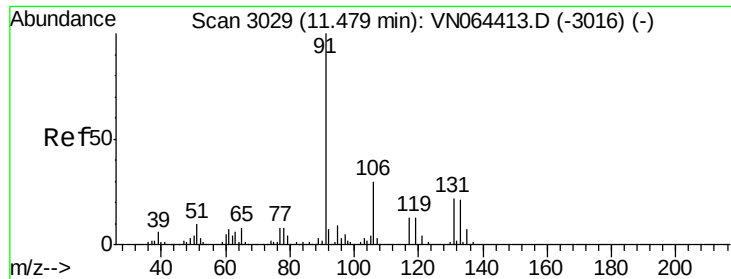
40000

20000

0

Time-->





#65

1,1,1,2-Tetrachloroethane

Concen: 19.241 ug/l

RT: 11.48 min Scan# 3029

Delta R.T. 0.00 min

Lab File: VN064417.D

Acq: 2 Nov 2020 16:15

Instrument :

MSVOA_N

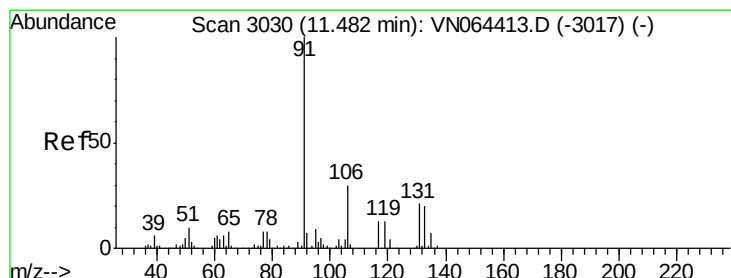
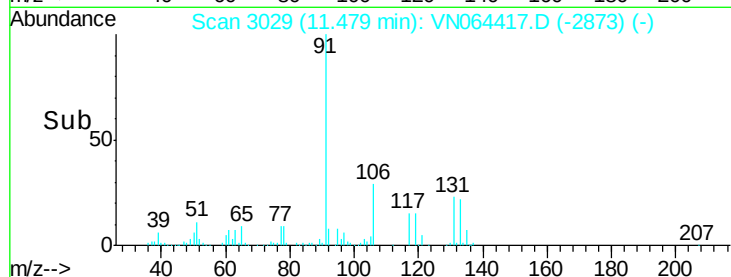
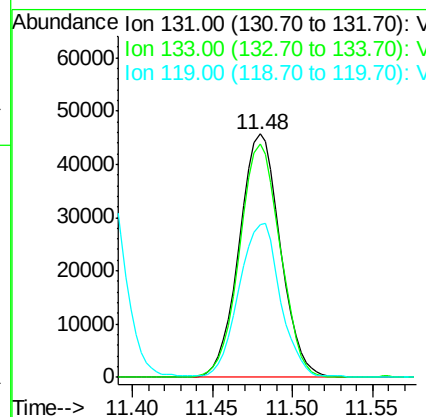
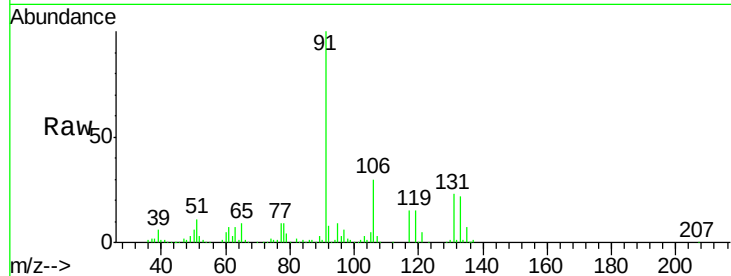
ClientSampleId :

ICVVN110220

Tot Ion:	131	Resp:	80007
Ion	Ratio	Lower	Upper
131	100		
133	94.8	0.0	191.2
119	62.4	0.0	125.6

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#66

Ethyl Benzene

Concen: 18.440 ug/l

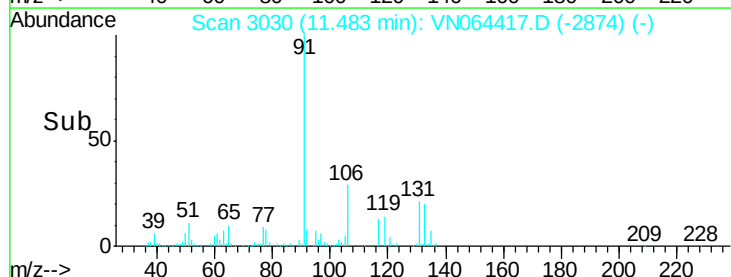
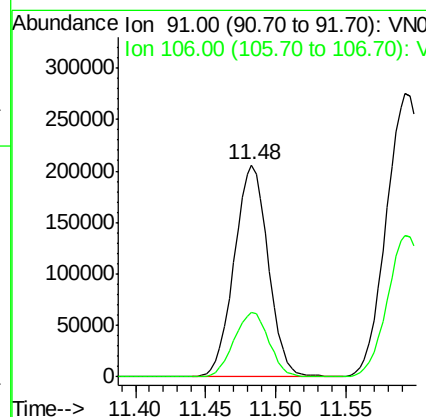
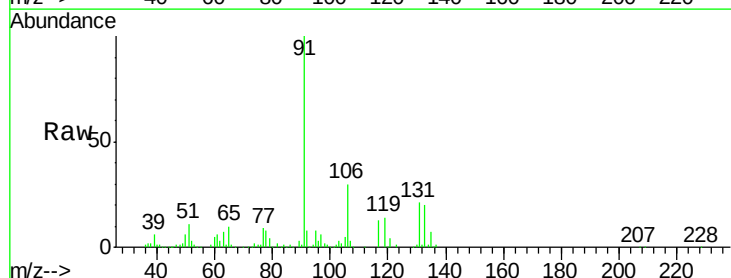
RT: 11.48 min Scan# 3030

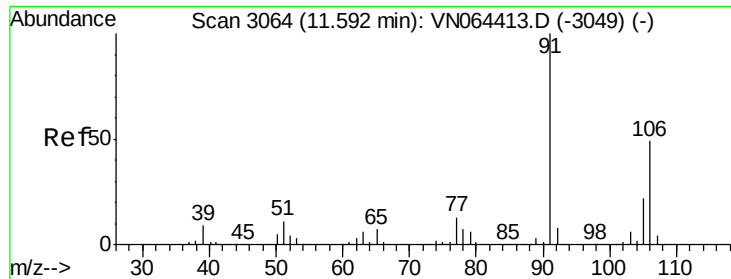
Delta R.T. 0.00 min

Lab File: VN064417.D

Acq: 2 Nov 2020 16:15

Tgt Ion:	91	Resp:	347867
Ion	Ratio	Lower	Upper
91	100		
106	30.4	23.9	35.9





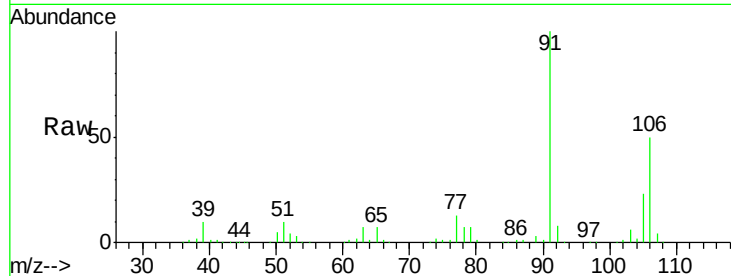
#67
m/p-Xylenes
Concen: 37.083 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. 0.00 min
Lab File: VN064417.D
Acq: 2 Nov 2020 16:15

Instrument :
MSVOA_N
ClientSampleId :
ICVVN110220

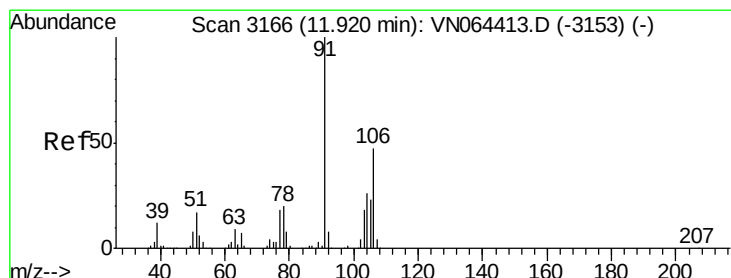
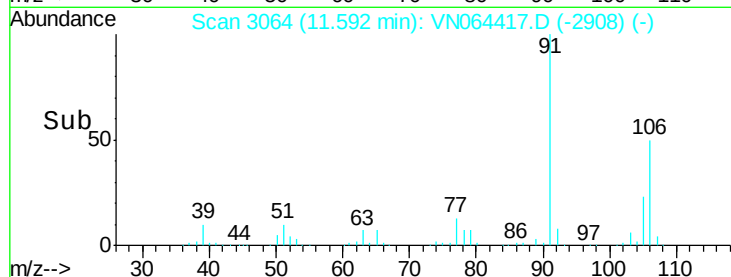
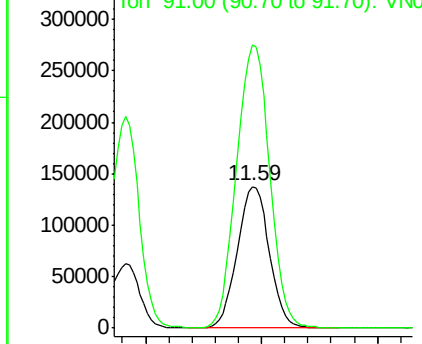
Tot Ion:106 Resp: 263122
Ion Ratio Lower Upper
106 100
91 208.4 166.8 250.2

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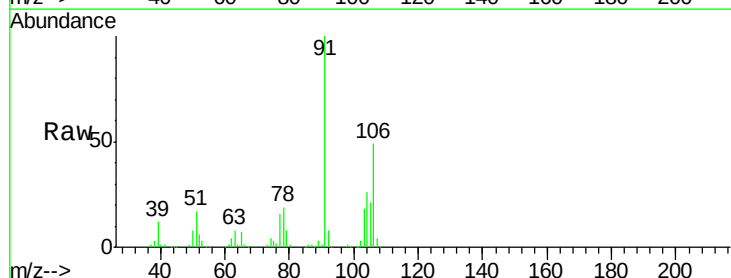


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

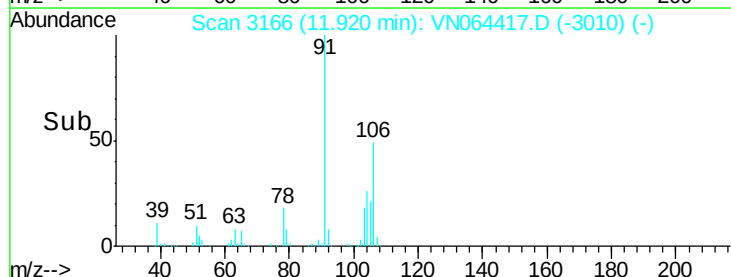
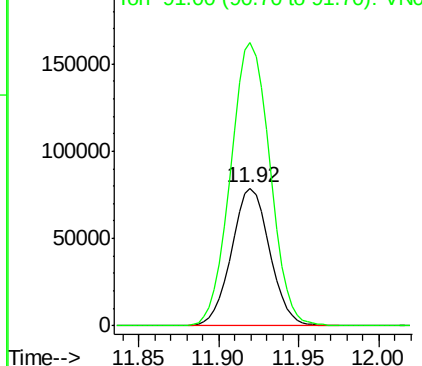


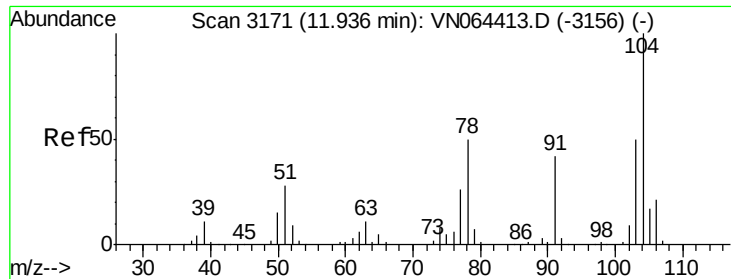
#68
o-Xylene
Concen: 18.745 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN064417.D
Acq: 2 Nov 2020 16:15

Tgt Ion:106 Resp: 128173
Ion Ratio Lower Upper
106 100
91 212.3 106.7 320.1



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0





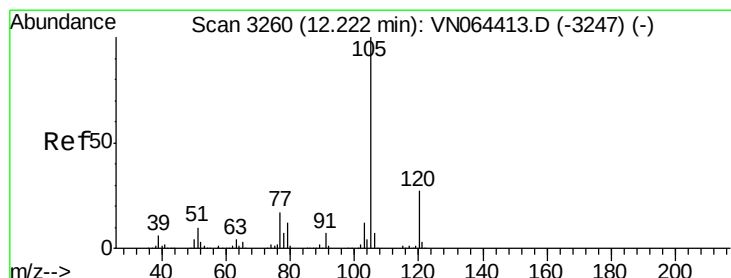
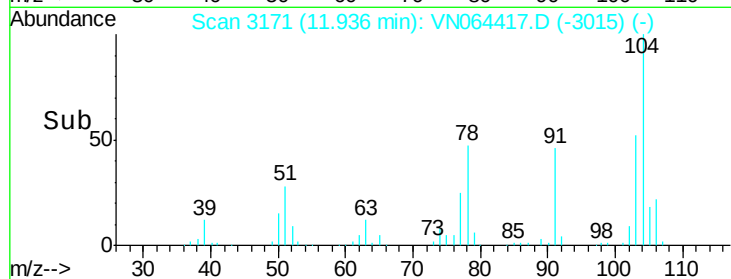
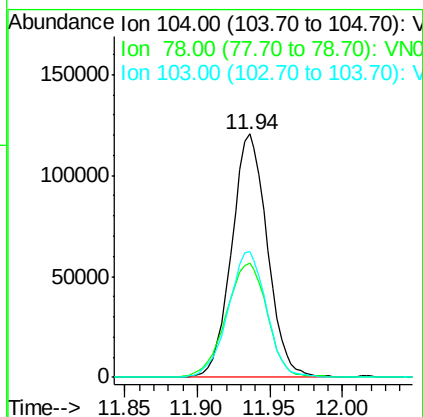
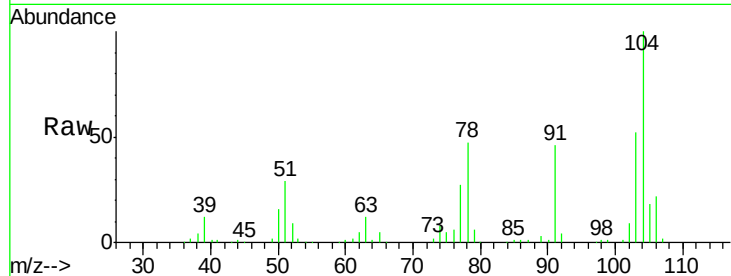
#69
Stvrene
Concen: 18.130 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. 0.00 min
Lab File: VN064417.D
Acq: 2 Nov 2020 16:15

Instrument :
MSVOA_N
ClientSampleId :
ICVVN110220

Tot Ion	Ratio	Lower	Upper
104	100		
78	54.2	44.3	66.5
103	55.4	43.5	65.3

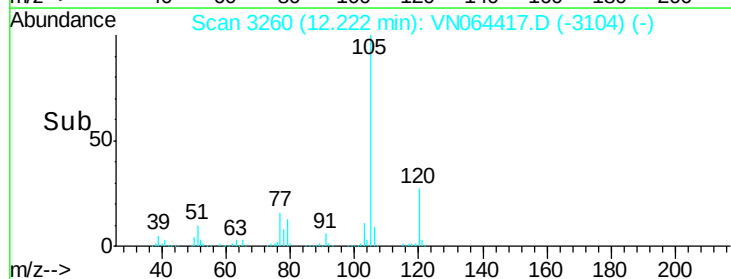
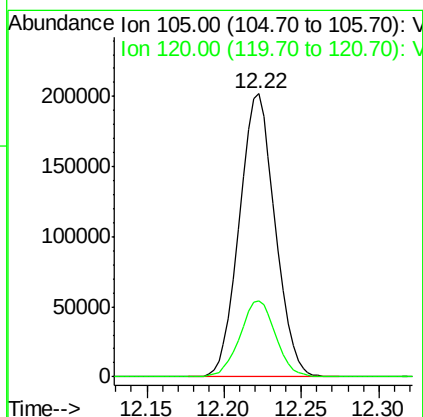
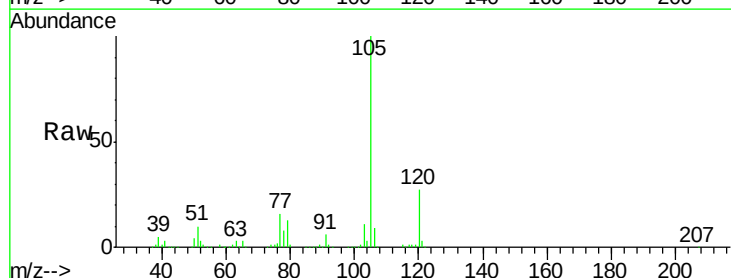
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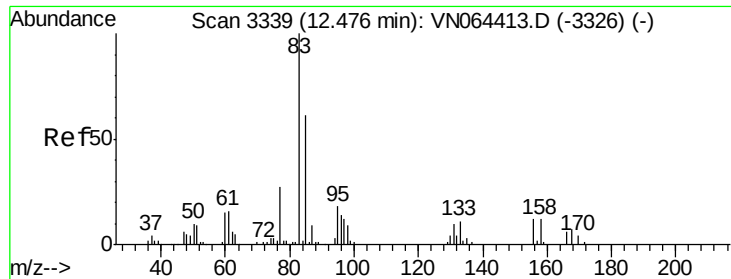
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#70
Isopropylbenzene
Concen: 18.350 ug/l
RT: 12.22 min Scan# 3260
Delta R.T. 0.00 min
Lab File: VN064417.D
Acq: 2 Nov 2020 16:15

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.0	18.0	33.4





#71

1,1,2,2-Tetrachloroethane

Concen: 18.679 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VN064417.D

Acq: 2 Nov 2020 16:15

Instrument :

MSVOA_N

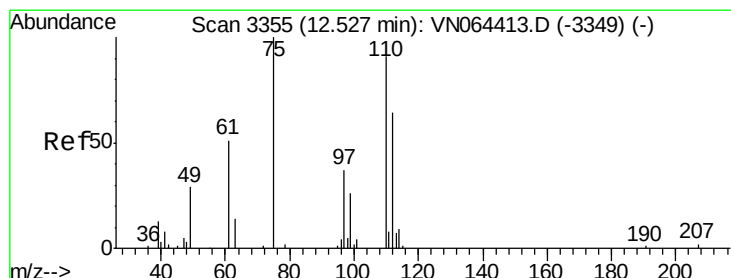
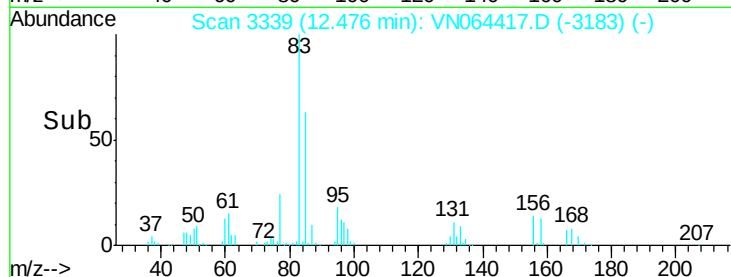
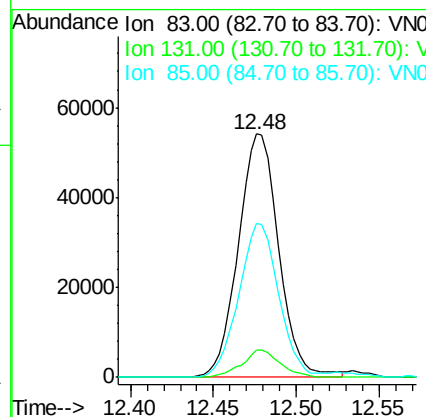
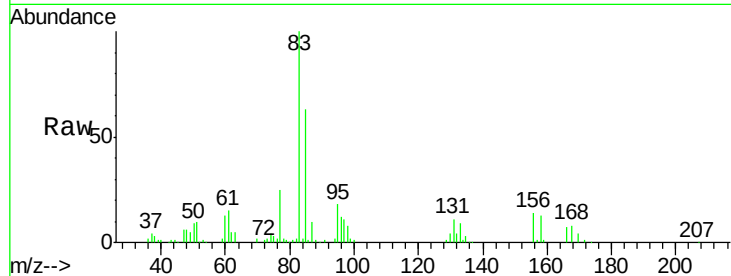
ClientSampleId :

ICVVN110220

Tot Ion:	83	Resp:	91884
Ion	Ratio	Lower	Upper
83	100		
131	10.7	5.3	16.1
85	62.2	30.9	92.7

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#72

1,2,3-Trichloropropane

Concen: 17.277 ug/l m

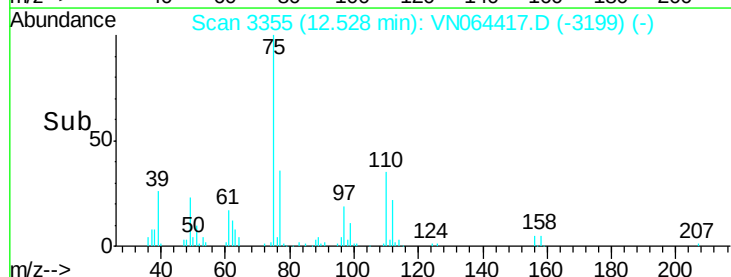
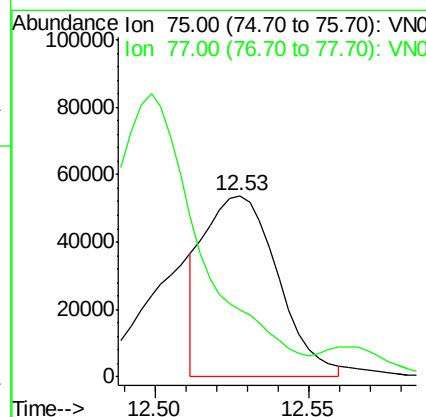
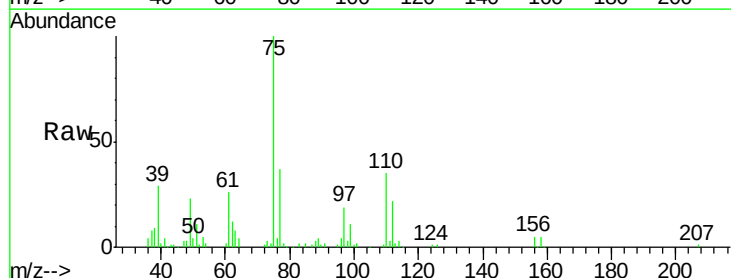
RT: 12.53 min Scan# 3355

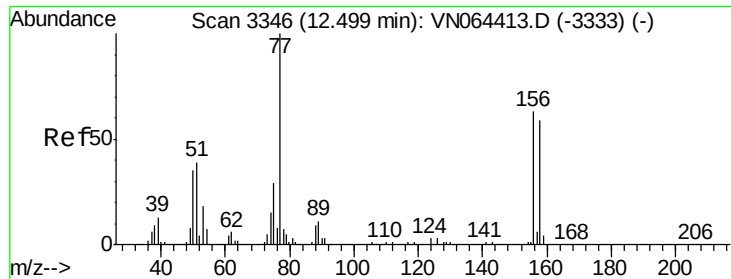
Delta R.T. 0.00 min

Lab File: VN064417.D

Acq: 2 Nov 2020 16:15

Tgt Ion:	75	Resp:	88739
Ion	Ratio	Lower	Upper
75	100		
77	196.6	0.0	374.2





#73

Bromobenzene

Concen: 18.783 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064417.D

Acq: 2 Nov 2020 16:15

Instrument :

MSVOA_N

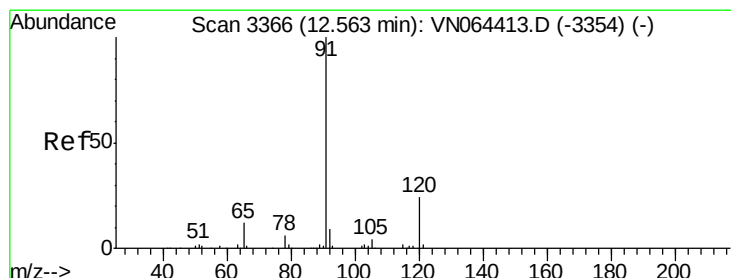
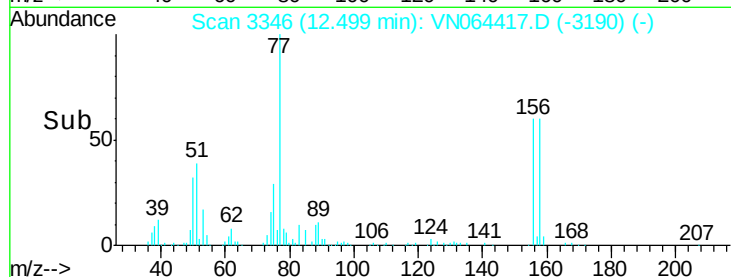
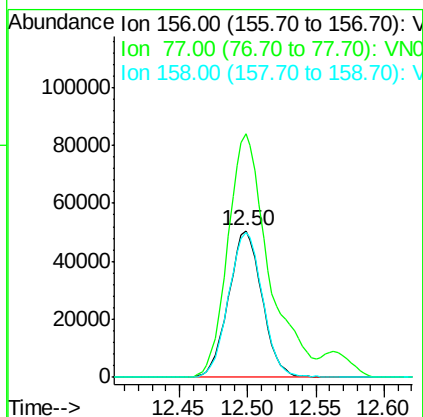
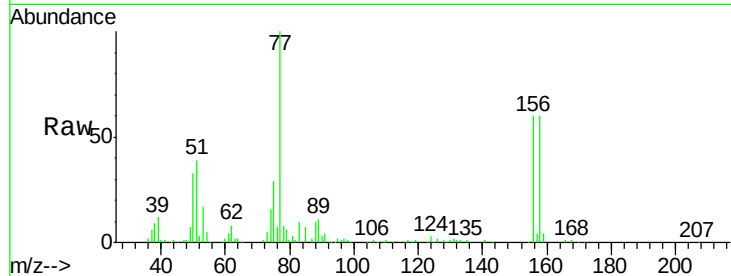
ClientSampleId :

ICVVN110220

Tot Ion	Ratio	Lower	Upper
156	100		
77	202.4	0.0	409.4
158	100.3	0.0	192.0

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#74

n-propylbenzene

Concen: 18.774 ug/l

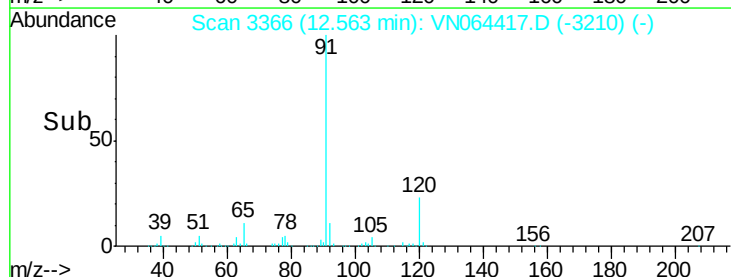
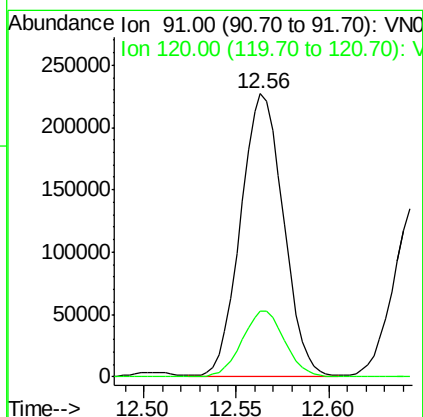
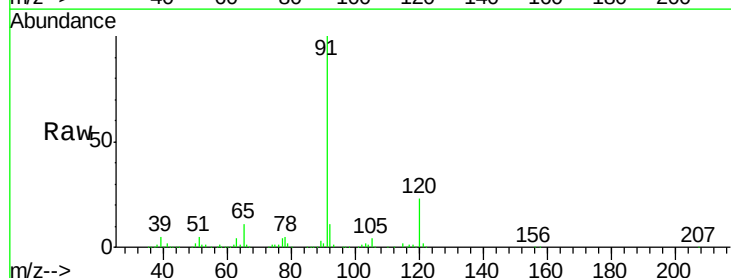
RT: 12.56 min Scan# 3366

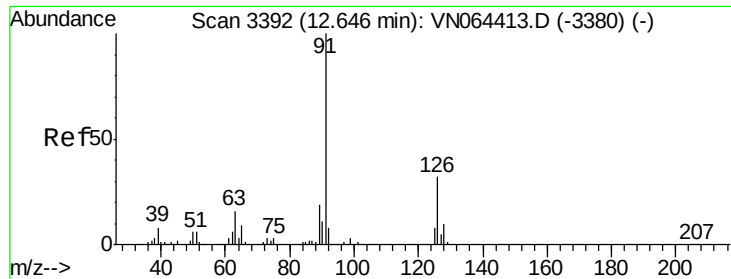
Delta R.T. 0.00 min

Lab File: VN064417.D

Acq: 2 Nov 2020 16:15

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.1	0.0	47.4





#75

2-Chlorotoluene

Concen: 19.104 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. 0.00 min

Lab File: VN064417.D

Acq: 2 Nov 2020 16:15

Instrument :

MSVOA_N

ClientSampleId :

ICVVN110220

Tot Ion: 91 Resp: 234741

Ion Ratio Lower Upper

91 100

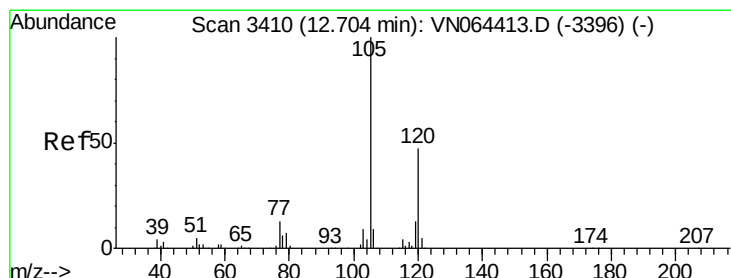
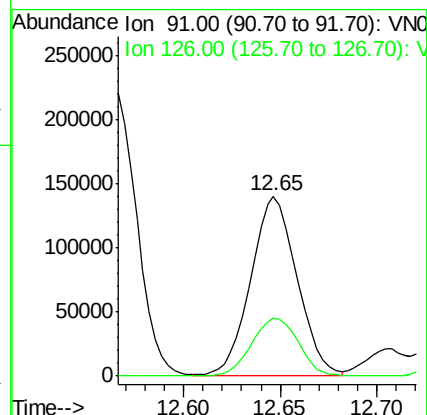
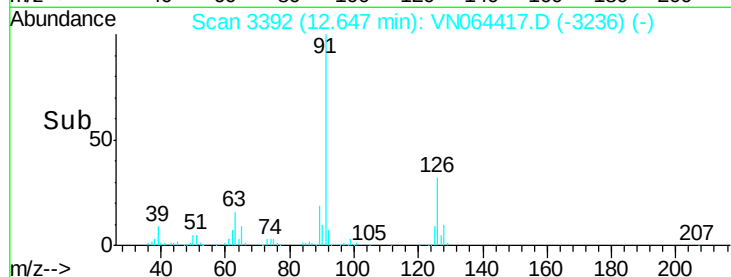
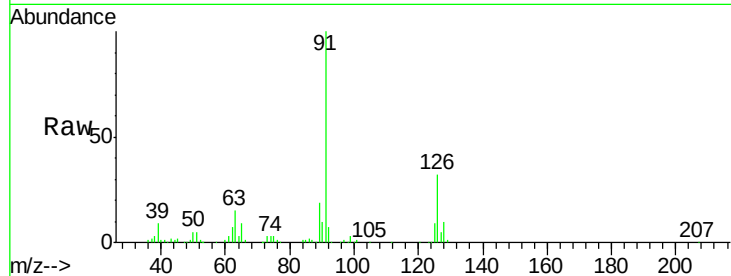
126 32.5 0.0 63.8

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#76

1,3,5-Trimethylbenzene

Concen: 18.934 ug/l

RT: 12.70 min Scan# 3410

Delta R.T. 0.00 min

Lab File: VN064417.D

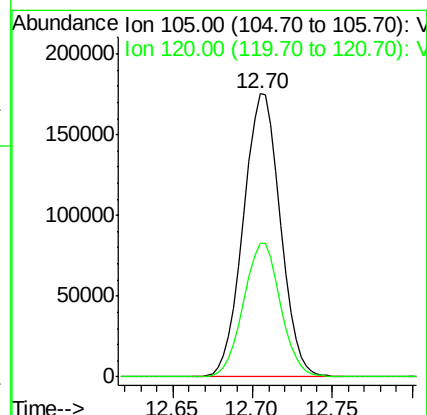
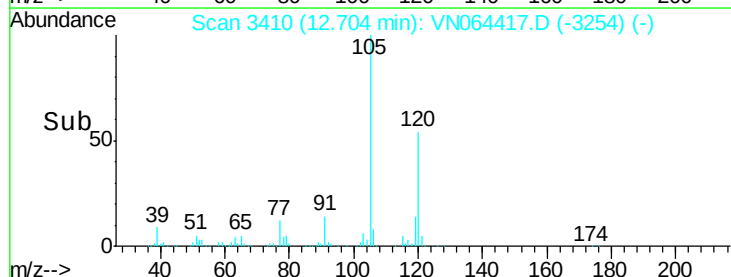
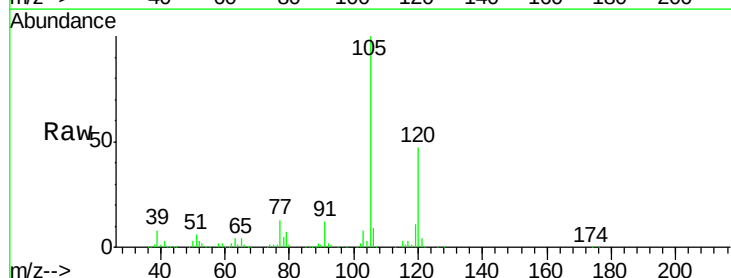
Acq: 2 Nov 2020 16:15

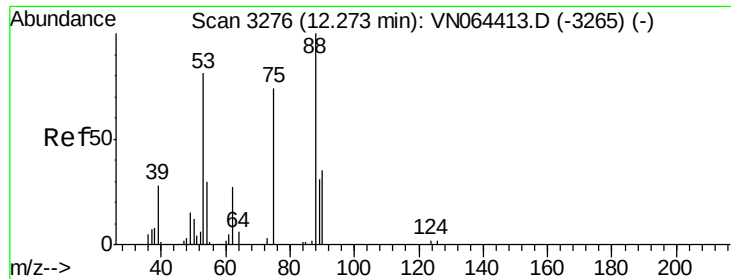
Tgt Ion: 105 Resp: 275906

Ion Ratio Lower Upper

105 100

120 47.5 0.0 95.0





#77

t-1,4-Dichloro-2-butene

Concen: 18.572 ug/l

RT: 12.27 min Scan# 3275

Delta R.T. -0.00 min

Lab File: VN064417.D

Acq: 2 Nov 2020 16:15

Instrument :

MSVOA_N

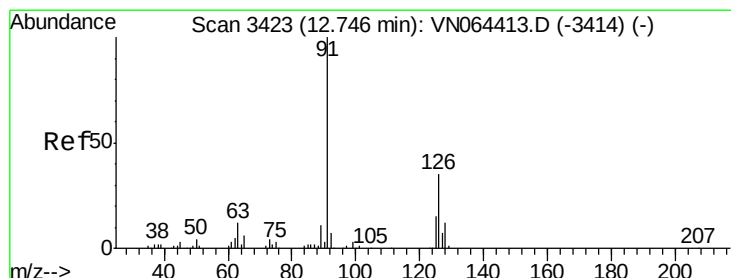
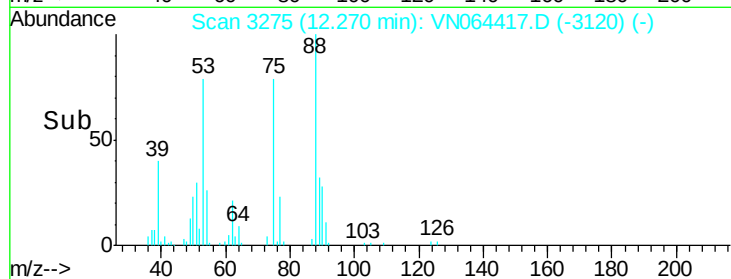
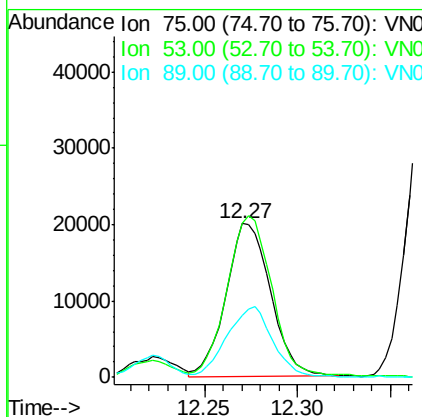
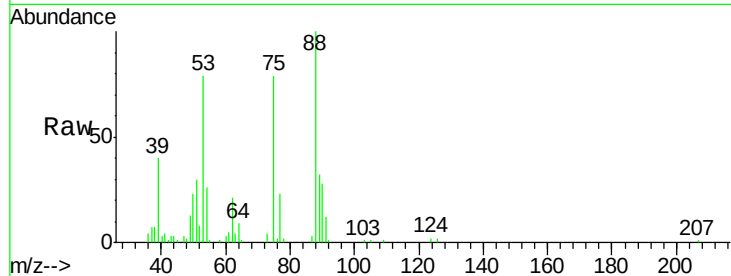
ClientSampleId :

ICVVN110220

Tot Ion:	75	Resp:	33627
Ion Ratio	Lower	Upper	
75	100		
53	99.8	54.1	162.4
89	40.9	23.1	69.3

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#78

4-Chlorotoluene

Concen: 18.918 ug/l

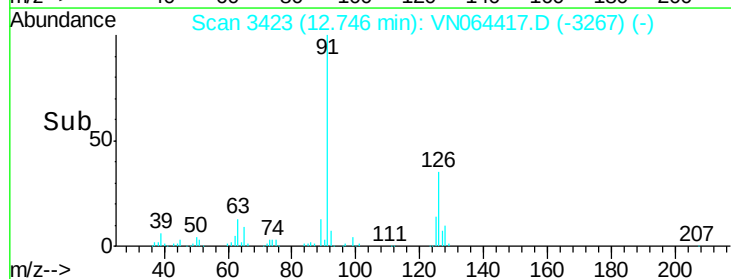
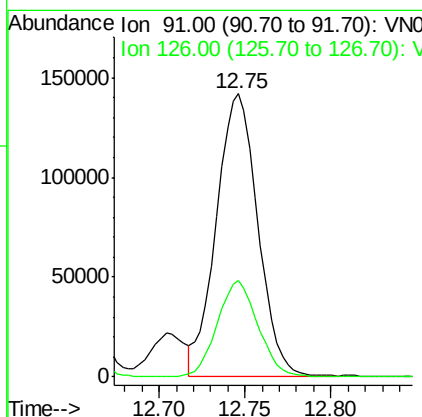
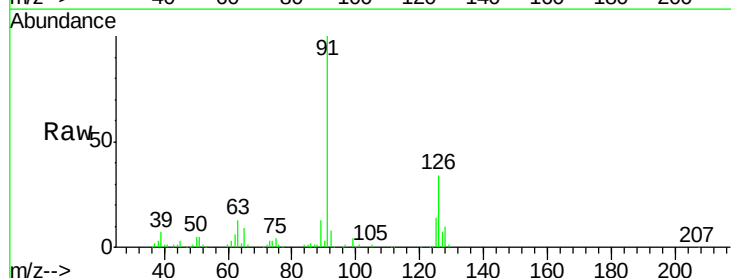
RT: 12.75 min Scan# 3423

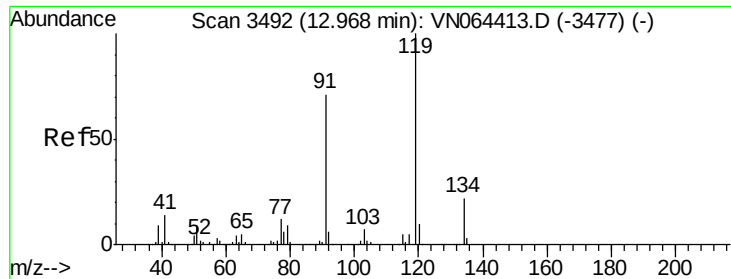
Delta R.T. 0.00 min

Lab File: VN064417.D

Acq: 2 Nov 2020 16:15

Tgt Ion:	91	Resp:	240161
Ion Ratio	Lower	Upper	
91	100		
126	33.4	0.0	63.2





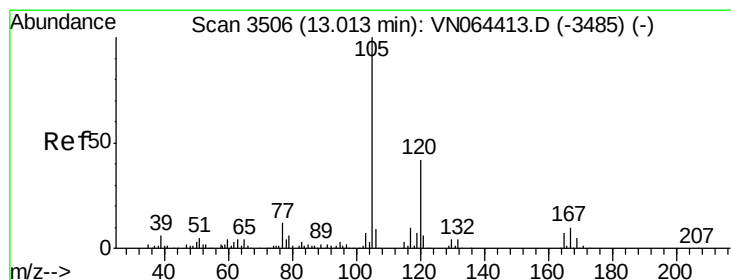
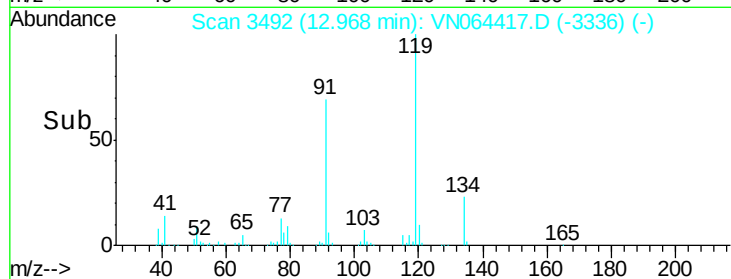
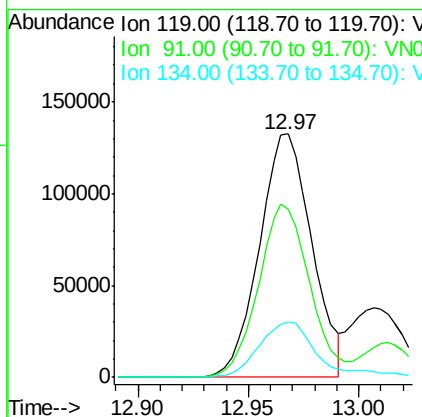
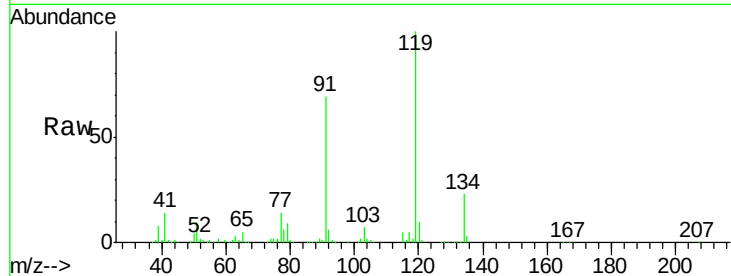
#79
 tert-butylbenzene
 Concen: 18.665 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: VN064417.D
 Acq: 2 Nov 2020 16:15

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN110220

Tot Ion	Ratio	Resp	Lower	Upper
119	100	217542		
91	69.4	0.0	140.4	
134	23.8	0.0	46.2	

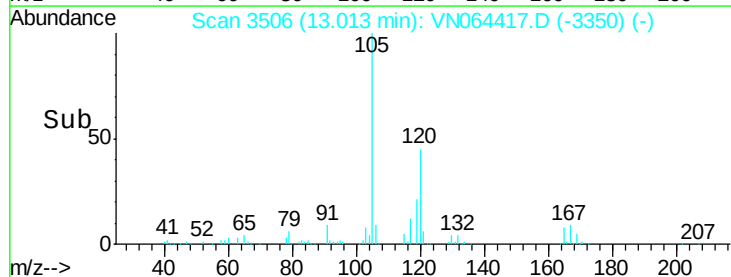
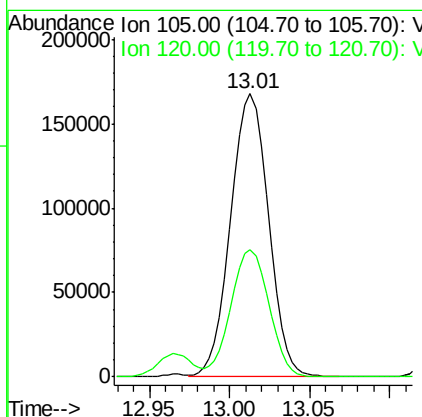
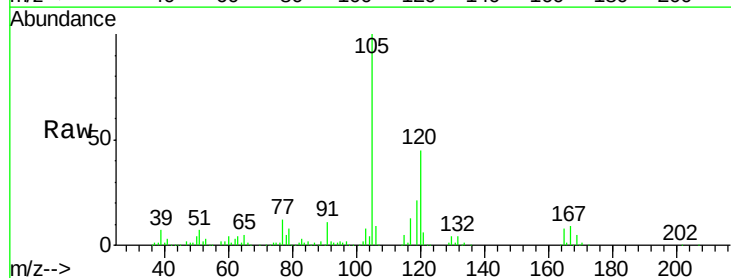
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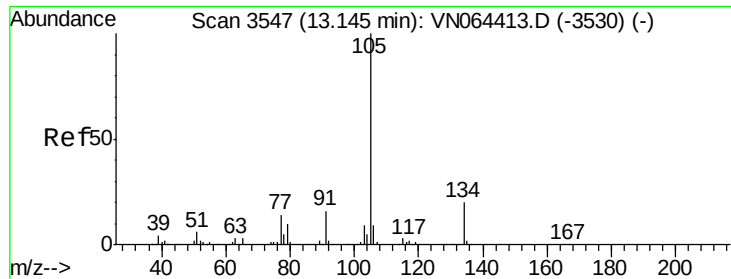
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#80
 1,2,4-Trimethylbenzene
 Concen: 18.284 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN064417.D
 Acq: 2 Nov 2020 16:15

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	269945		
120	45.2	0.0	88.0	





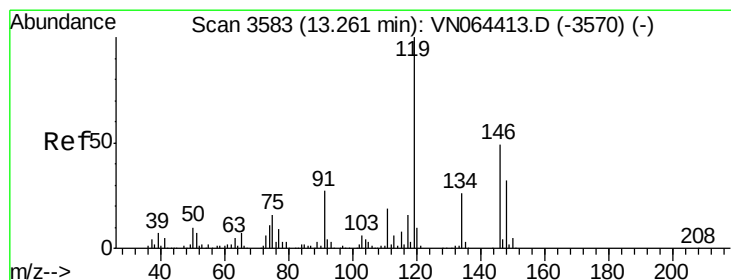
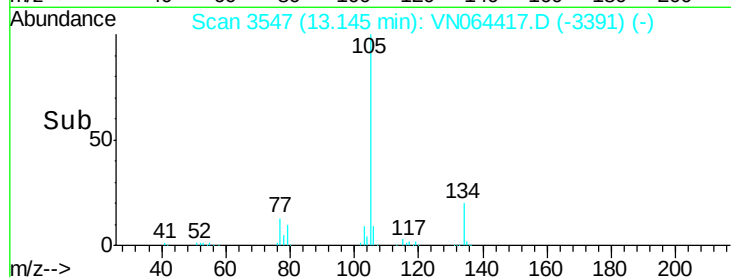
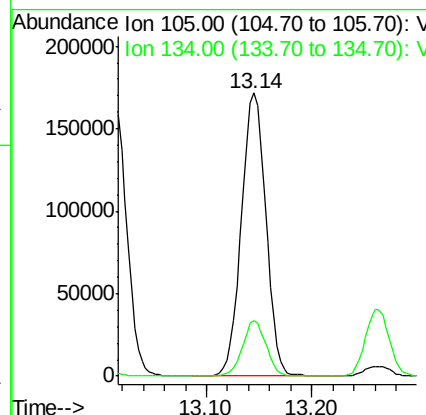
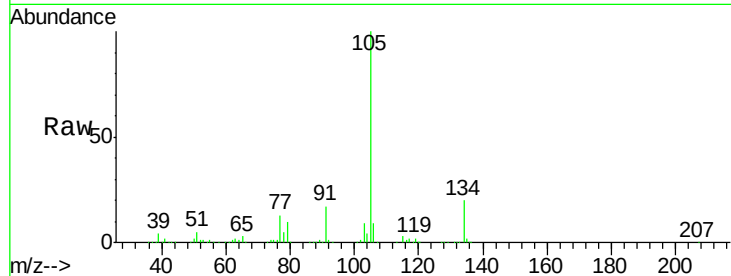
#81
 sec-Butylbenzene
 Concen: 18.868 ug/l
 RT: 13.14 min Scan# 3547
 Delta R.T. 0.00 min
 Lab File: VN064417.D
 Acq: 2 Nov 2020 16:15

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN110220

Tot Ion	Ratio	Resp	Lower	Upper
105	100	277385		
134	18.7	0.0	39.2	

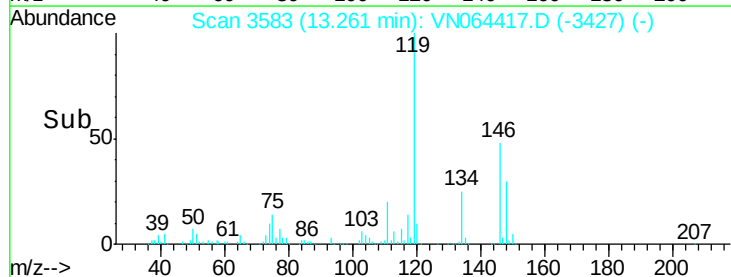
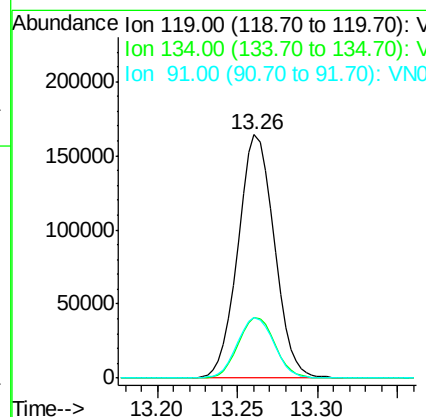
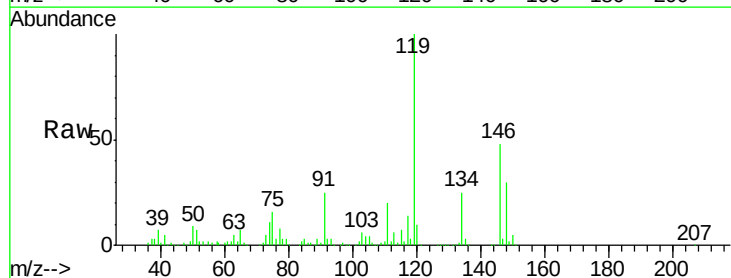
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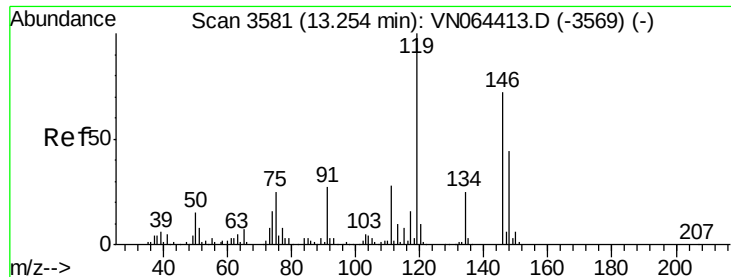
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#82
 p-Isopropyltoluene
 Concen: 18.771 ug/l
 RT: 13.26 min Scan# 3583
 Delta R.T. 0.00 min
 Lab File: VN064417.D
 Acq: 2 Nov 2020 16:15

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	253574		
134	25.2	0.0	51.0	
91	25.3	0.0	51.4	





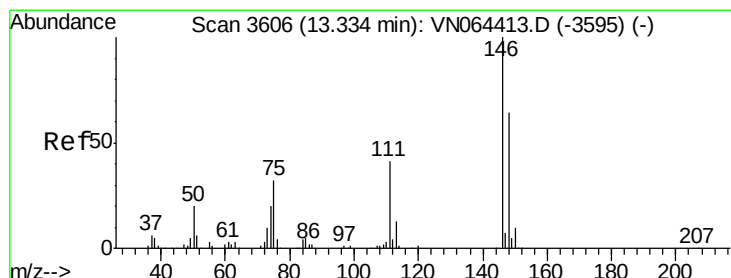
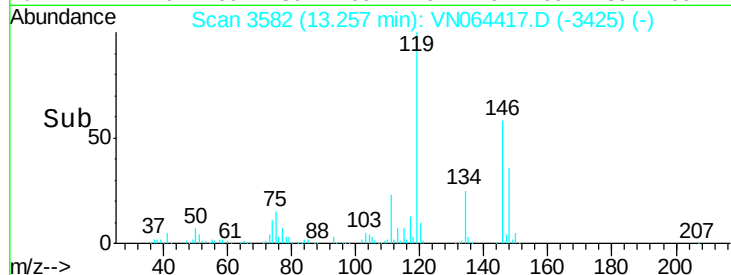
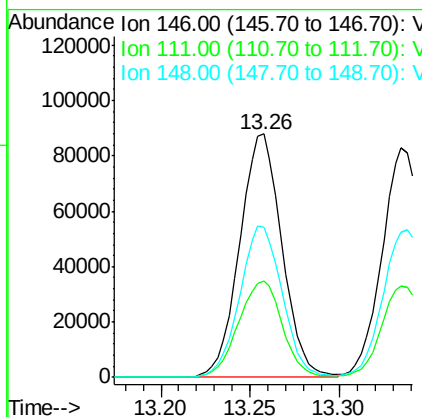
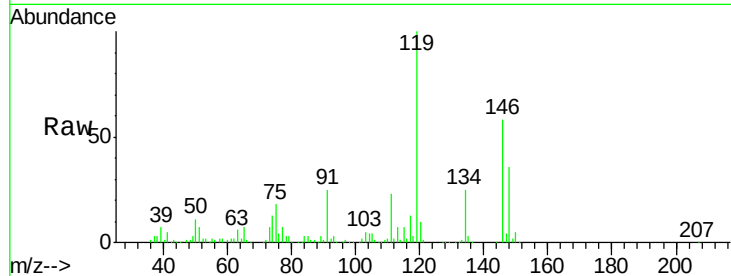
#83
 1,3-Dichlorobenzene
 Concen: 18.591 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064417.D
 Acq: 2 Nov 2020 16:15

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN110220

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.5	61.6
148	62.7	31.9	95.5

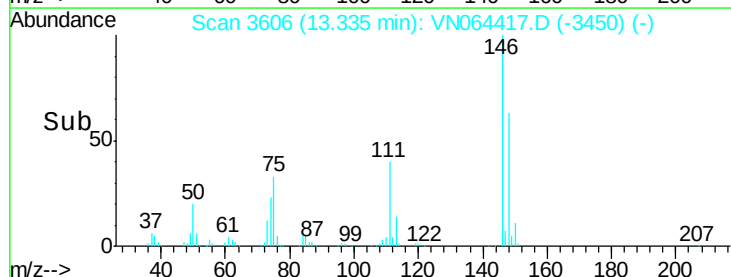
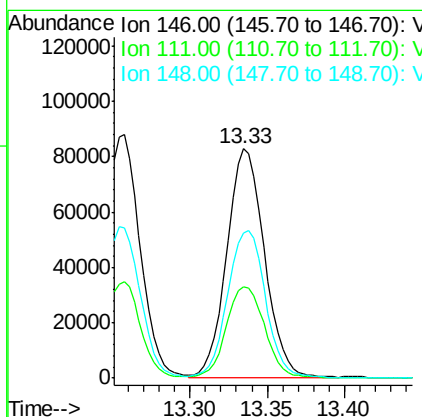
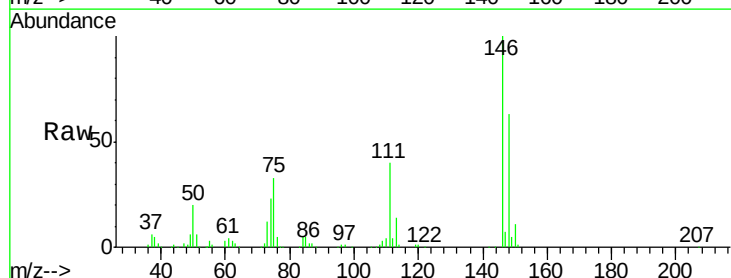
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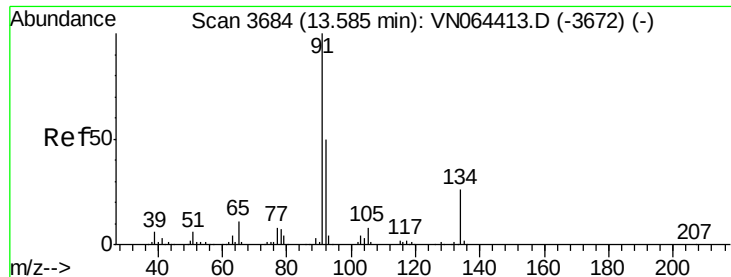
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#84
 1,4-Dichlorobenzene
 Concen: 17.772 ug/l
 RT: 13.33 min Scan# 3606
 Delta R.T. 0.00 min
 Lab File: VN064417.D
 Acq: 2 Nov 2020 16:15

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.2	19.9	59.6
148	65.3	31.9	95.5





#85

n-Butylbenzene

Concen: 19.175 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. 0.00 min

Lab File: VN064417.D

Acq: 2 Nov 2020 16:15

Instrument :

MSVOA_N

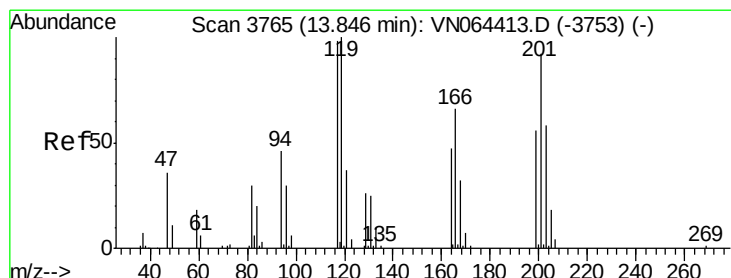
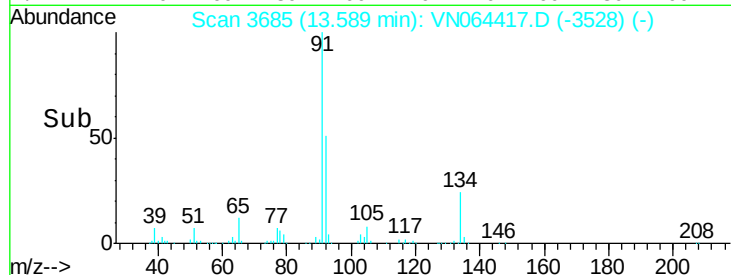
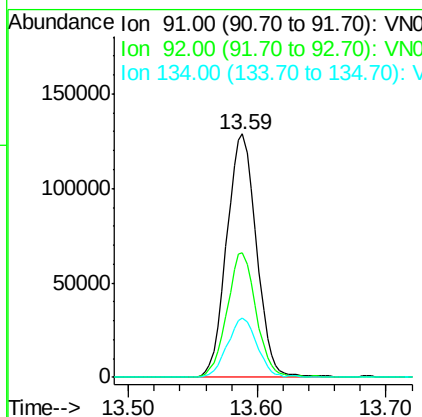
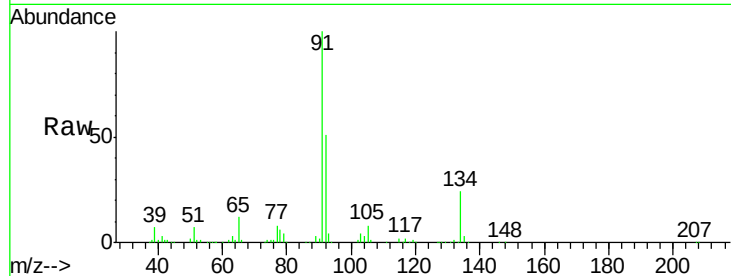
ClientSampleId :

ICVVN110220

Tot Ion	91	Resp	206751
Ion	Ratio	Lower	Upper
91	100		
92	49.8	0.0	99.4
134	24.1	0.0	50.0

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#86

Hexachloroethane

Concen: 18.367 ug/l

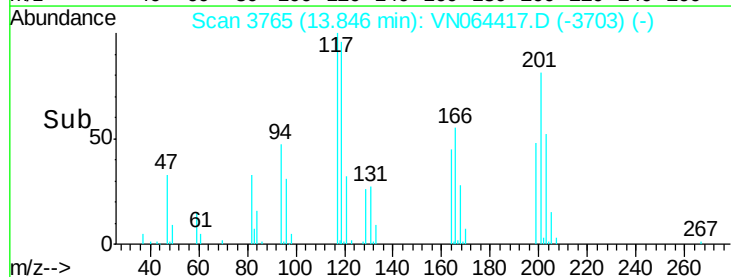
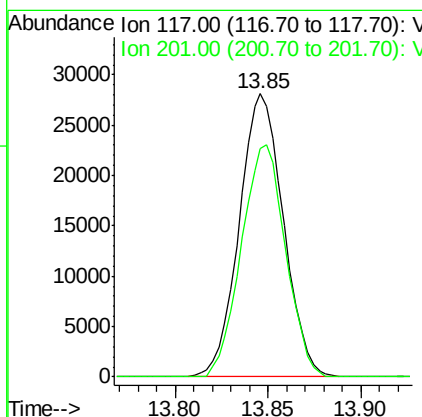
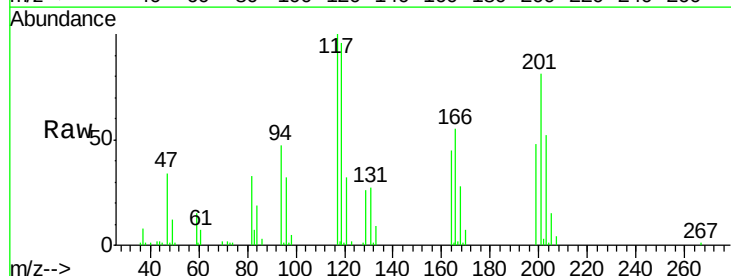
RT: 13.85 min Scan# 3765

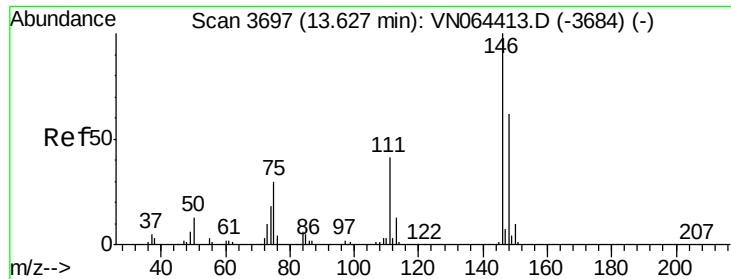
Delta R.T. 0.00 min

Lab File: VN064417.D

Acq: 2 Nov 2020 16:15

Tgt Ion	117	Resp	46528
Ion	Ratio	Lower	Upper
117	100		
201	82.2	42.7	128.1





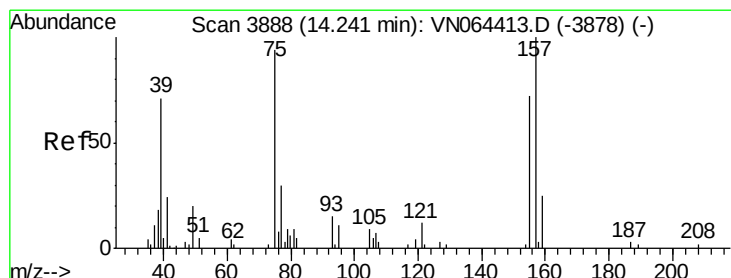
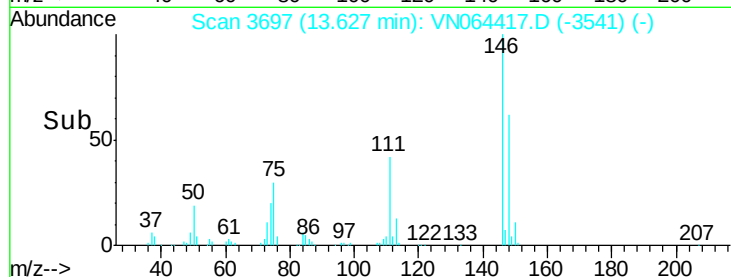
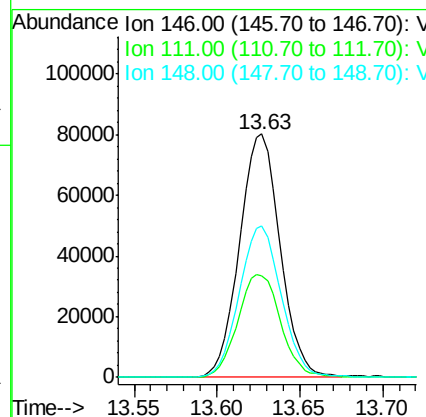
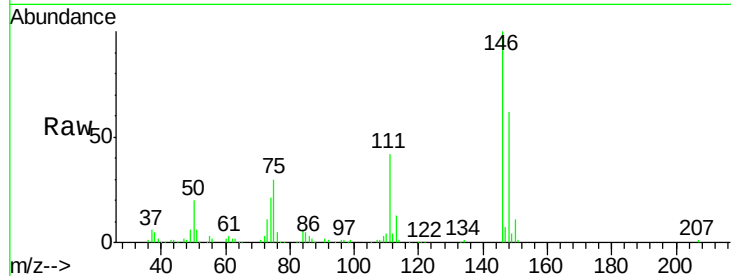
#87
 1,2-Dichlorobenzene
 Concen: 18.167 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064417.D
 Acq: 2 Nov 2020 16:15

Instrument :
 MSVOA_N
 ClientSampled :
 ICVVN110220

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.5	21.3	64.0
148	63.9	31.7	95.1

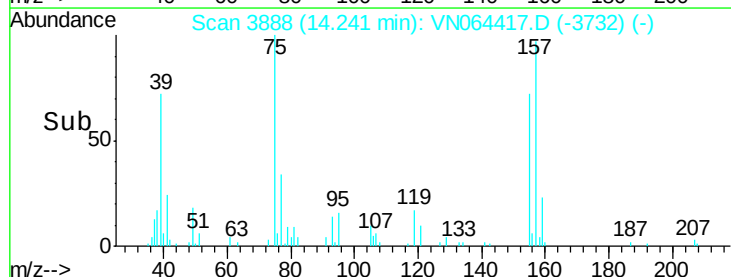
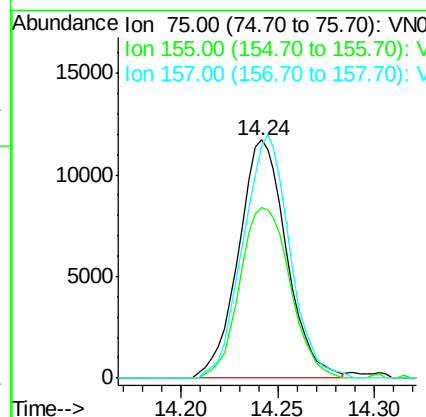
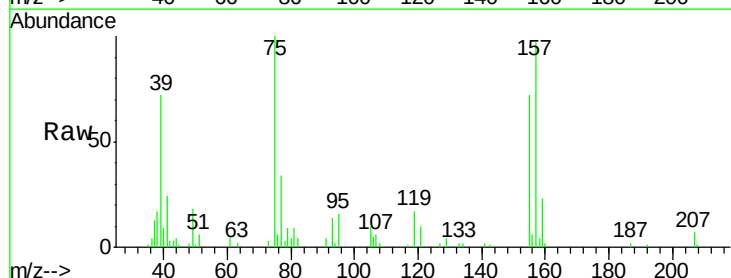
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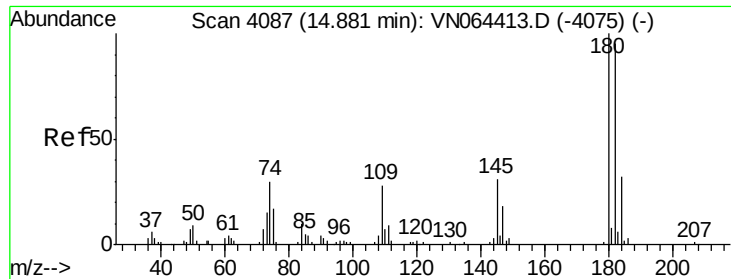
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.135 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. 0.00 min
 Lab File: VN064417.D
 Acq: 2 Nov 2020 16:15

Tgt Ion	Ratio	Lower	Upper
75	100		
155	74.4	66.2	99.2
157	99.3	82.7	124.1





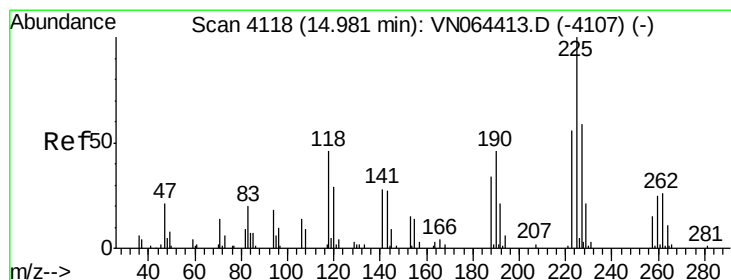
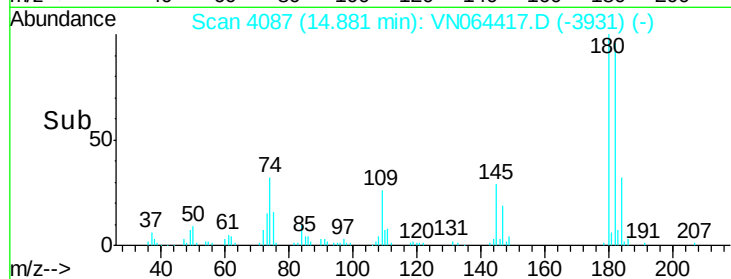
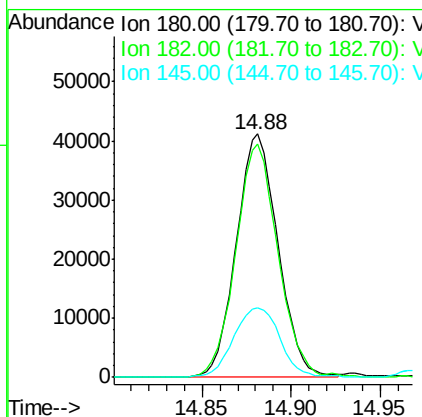
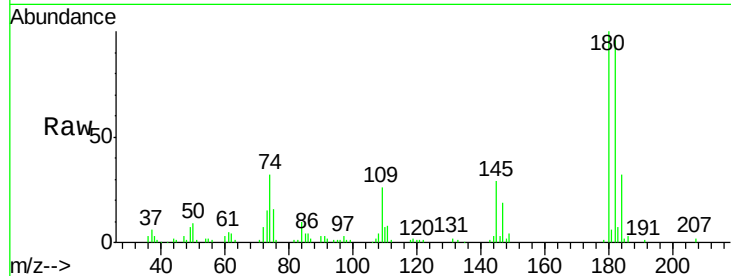
#89
 1,2,4-Trichlorobenzene
 Concen: 18.230 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064417.D
 Acq: 2 Nov 2020 16:15

Instrument :
 MSVOA_N
 ClientSampled :
 ICVVN110220

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.5	72.6	108.8
145	31.5	24.3	36.5

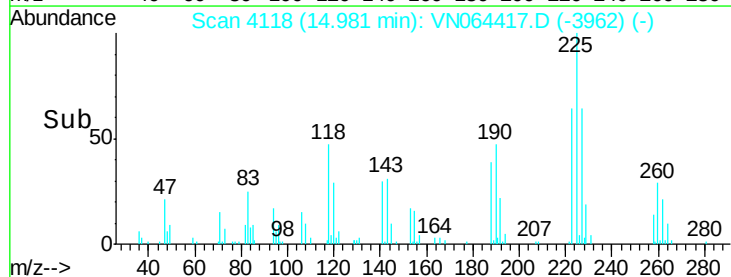
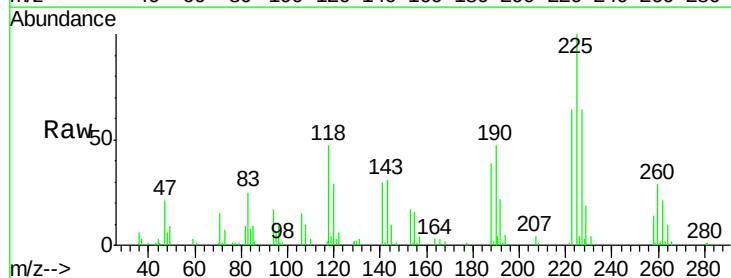
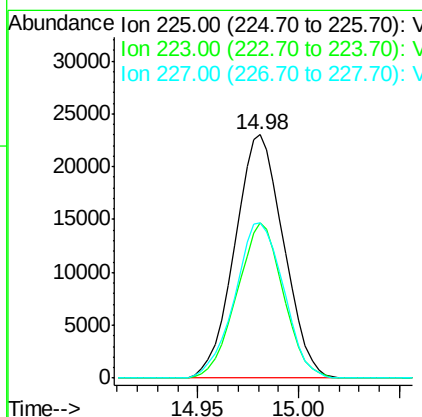
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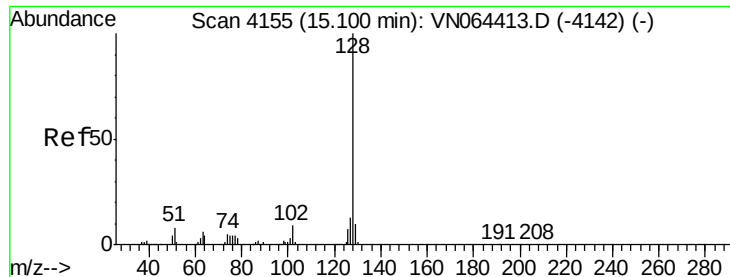
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#90
 Hexachlorobutadiene
 Concen: 19.867 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN064417.D
 Acq: 2 Nov 2020 16:15

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.6	0.0	125.6
227	63.9	0.0	121.6





#91

Naphthalene

Concen: 17.540 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN064417.D

Acq: 2 Nov 2020 16:15

Instrument :

MSVOA_N

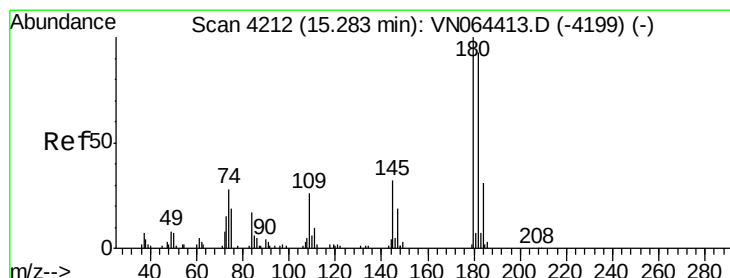
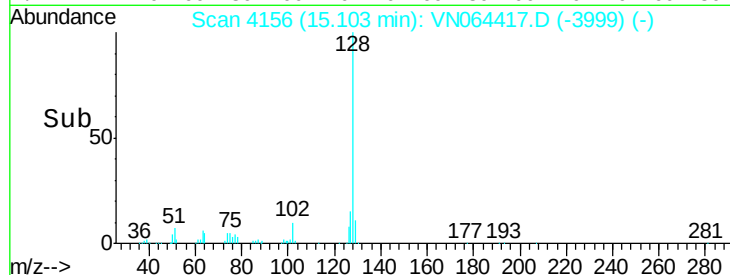
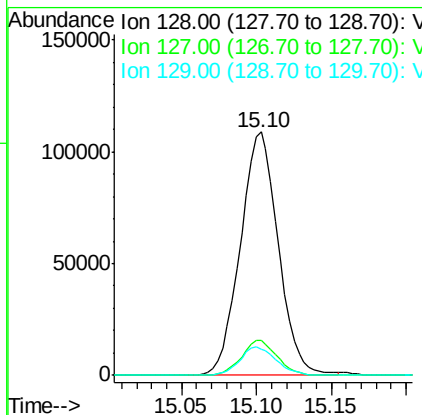
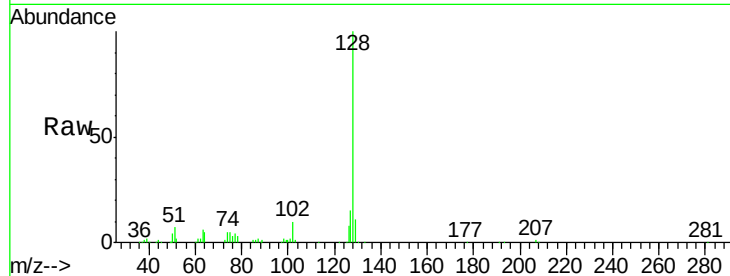
ClientSampleId :

ICVVN110220

Tot Ion:	128	Resp:	191820
Ion Ratio	Lower	Upper	
128	100		
127	13.8	10.5	15.7
129	11.2	8.6	13.0

Manual Integrations
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#92

1,2,3-Trichlorobenzene

Concen: 18.327 ug/l

RT: 15.28 min Scan# 4211

Delta R.T. -0.00 min

Lab File: VN064417.D

Acq: 2 Nov 2020 16:15

Tgt Ion:	180	Resp:	66716
Ion Ratio	Lower	Upper	
180	100		
182	93.1	0.0	191.4
145	33.5	0.0	64.8

