

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073120\
 Data File : VN062675.D
 Acq On : 31 Jul 2020 10:55
 Operator : JC/MD
 Sample : VN0731WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0731WBS01

Manual Integrations
 APPROVED

MMDadoda
 8/3/2020 9:31:55 AM

Quant Time: Aug 01 06:29:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 18:48:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	165704	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	263876	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	248610	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	118048	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	131657	51.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.30%	
35) Dibromofluoromethane	7.54	113	86987	50.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.38%	
50) Toluene-d8	10.06	98	337786	48.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.68%	
62) 4-Bromofluorobenzene	12.38	95	125281	49.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	34585	17.498	ug/l	95
3) Chloromethane	2.03	50	39527	14.744	ug/l	98
4) Vinyl Chloride	2.16	62	36003	15.492	ug/l	98
5) Bromomethane	2.52	94	20820	20.227	ug/l	97
6) Chloroethane	2.66	64	20981	19.958	ug/l	90
7) Trichlorofluoromethane	2.98	101	58470	21.428	ug/l	98
8) Diethyl Ether	3.37	74	22588	17.702	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.71	101	34048	19.462	ug/l	98
10) Methyl Iodide	3.91	142	37967	16.975	ug/l	94
11) Tert butyl alcohol	4.74	59	34563	84.404	ug/l #	92
12) 1,1-Dichloroethene	3.69	96	31605	17.813	ug/l	98
13) Acrolein	3.56	56	18316	49.878	ug/l	92
14) Allyl chloride	4.27	41	60803	15.843	ug/l	93
15) Acrylonitrile	4.93	53	93311	85.074	ug/l	99
16) Acetone	3.77	43	88810	91.683	ug/l	99
17) Carbon Disulfide	4.00	76	90837	15.582	ug/l	99
18) Methyl Acetate	4.27	43	46408	18.925	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	118658	18.170	ug/l	100
20) Methylene Chloride	4.50	84	39671	17.076	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	34366	17.452	ug/l	98
22) Diisopropyl ether	5.90	45	128604	16.858	ug/l	93
23) Vinyl Acetate	5.84	43	525496	84.068	ug/l	97
24) 1,1-Dichloroethane	5.79	63	73100	17.794	ug/l	99
25) 2-Butanone	6.78	43	126334	85.636	ug/l	95
26) 2,2-Dichloropropane	6.77	77	66056	19.588	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	37831	16.836	ug/l	95
28) Bromochloromethane	7.15	49	34981	17.303	ug/l	93
29) Tetrahydrofuran	7.17	42	80571	80.713	ug/l	96
30) Chloroform	7.33	83	73529	18.825	ug/l	98
31) Cyclohexane	7.61	56	62304	16.426	ug/l #	90
32) 1,1,1-Trichloroethane	7.53	97	66458	20.379	ug/l	99
36) 1,1-Dichloropropene	7.75	75	53492	19.018	ug/l	99
37) Ethyl Acetate	6.88	43	52482	17.310	ug/l	99
38) Carbon Tetrachloride	7.73	117	58463	21.624	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	55377	18.290	ug/l	99
40) Benzene	8.00	78	156123	18.335	ug/l	98
41) Methacrylonitrile	7.13	41	22317m	17.175	ug/l	
42) 1,2-Dichloroethane	8.08	62	64630	20.761	ug/l	98
43) Isopropyl Acetate	8.12	43	86456	17.689	ug/l #	91
44) Trichloroethene	8.80	130	37099	19.320	ug/l	95
45) 1,2-Dichloropropane	9.08	63	43393	18.150	ug/l	98
46) Dibromomethane	9.18	93	27260	19.728	ug/l	99
47) Bromodichloromethane	9.37	83	59245	19.790	ug/l	100
48) Methyl methacrylate	9.17	41	40973	17.635	ug/l	96
49) 1,4-Dioxane	9.17	88	13383	375.034	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	266779	91.224	ug/l	99
52) Toluene	10.12	92	94559	19.124	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	64867	19.464	ug/l	95
54) cis-1,3-Dichloropropene	9.81	75	69260	19.368	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	37649	19.630	ug/l	97
56) Ethyl methacrylate	10.40	69	57622	17.909	ug/l	97
57) 1,3-Dichloropropane	10.68	76	66226	18.848	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	79481	88.157	ug/l	99
59) 2-Hexanone	10.72	43	190983	86.403	ug/l	99
60) Dibromochloromethane	10.87	129	43749	20.447	ug/l	99
61) 1,2-Dibromoethane	10.98	107	37251	18.652	ug/l	96
64) Tetrachloroethene	10.60	164	32553	20.153	ug/l	88
65) Chlorobenzene	11.41	112	98514	18.902	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.48	131	38775	19.776	ug/l	100
67) Ethyl Benzene	11.48	91	181177	18.959	ug/l	99
68) m/p-Xylenes	11.60	106	132343	38.530	ug/l	98
69) o-Xylene	11.92	106	60262	18.476	ug/l	92
70) Styrene	11.94	104	106623	19.352	ug/l	98
71) Bromoform	12.10	173	28862	19.605	ug/l #	99
73) Isopropylbenzene	12.22	105	173717	18.611	ug/l	99
74) N-amyl acetate	12.05	43	73212	17.563	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	56008	17.267	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	54863m	18.259	ug/l	
77) Bromobenzene	12.50	156	41277	18.401	ug/l	97
78) n-propylbenzene	12.57	91	203037	18.570	ug/l	99
79) 2-Chlorotoluene	12.65	91	126713	18.805	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	153187	19.785	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	18090	16.760	ug/l	90
82) 4-Chlorotoluene	12.75	91	128541	18.327	ug/l	99
83) tert-Butylbenzene	12.97	119	125253	19.482	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	149702	19.709	ug/l	97
85) sec-Butylbenzene	13.15	105	169859	19.734	ug/l	99
86) p-Isopropyltoluene	13.26	119	150244	20.295	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	73728	18.730	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	72569	18.727	ug/l	97
89) n-Butylbenzene	13.59	91	122840	19.312	ug/l	99
90) Hexachloroethane	13.85	117	30180	19.150	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	72077	19.149	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	10907	18.521	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	30678	17.643	ug/l	99
94) Hexachlorobutadiene	14.98	225	24079	23.416	ug/l	98
95) Naphthalene	15.10	128	73486	16.706	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	31272	17.630	ug/l	98

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

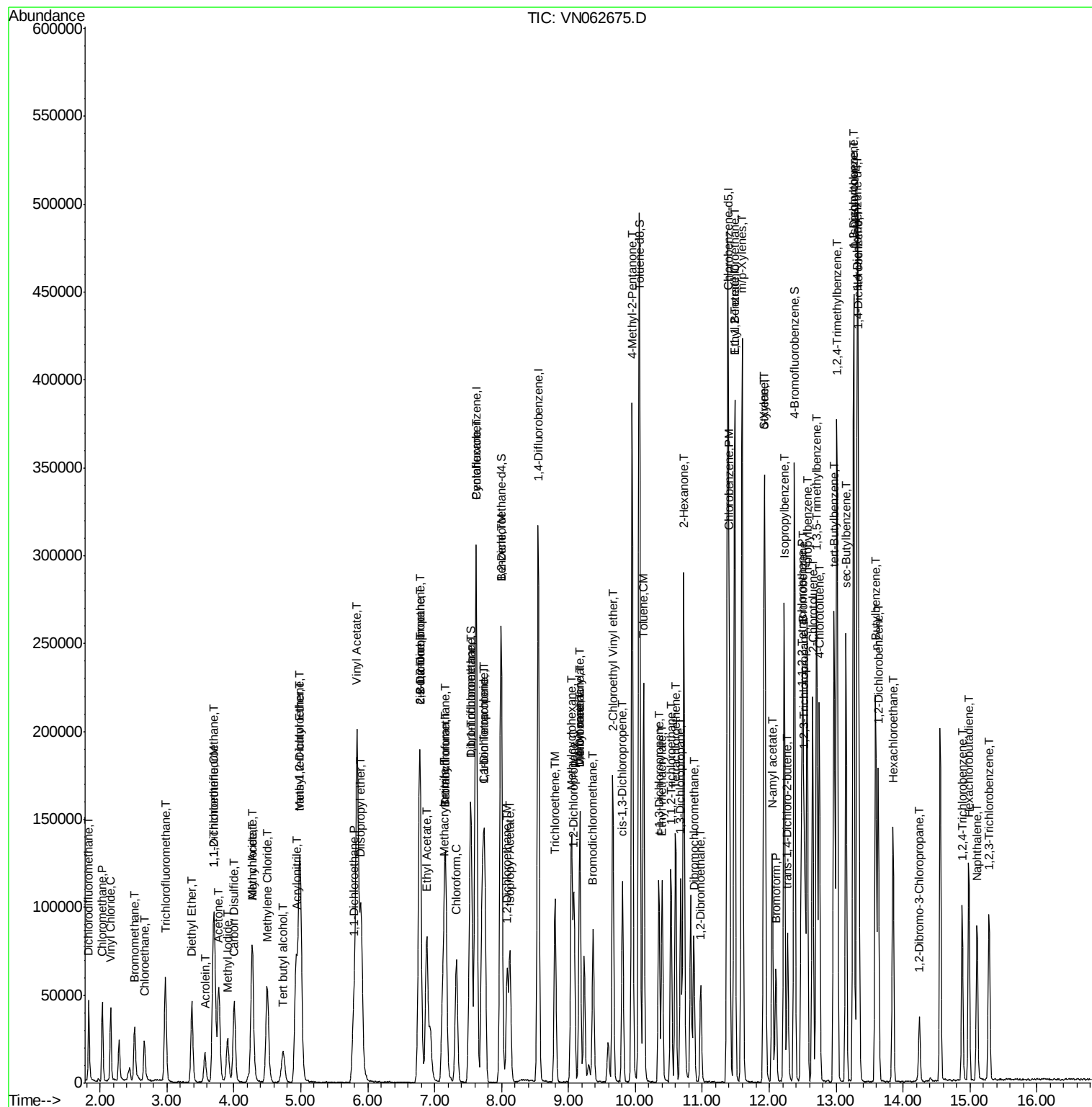
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 Data File : VN062675.D
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 Operator : JC/MD
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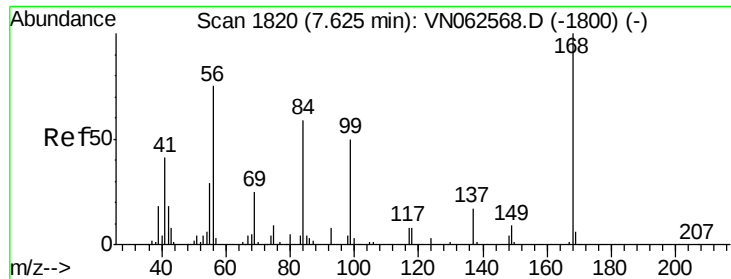
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN062675.D

Acq: 31 Jul 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

VN0731WBS01

Tot Ion:168 Resp: 165704

Ion Ratio Lower Upper

168 100

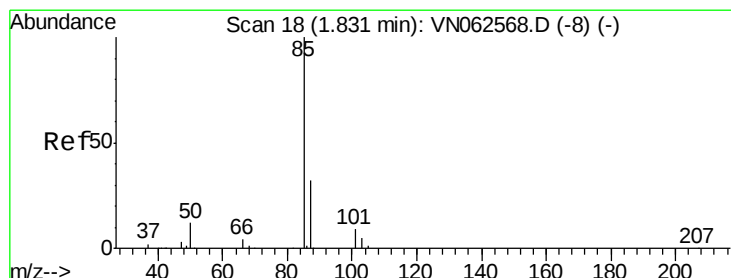
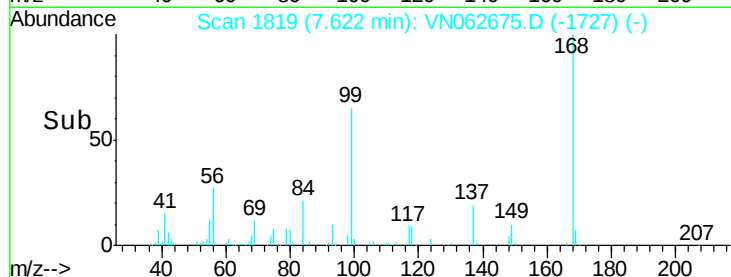
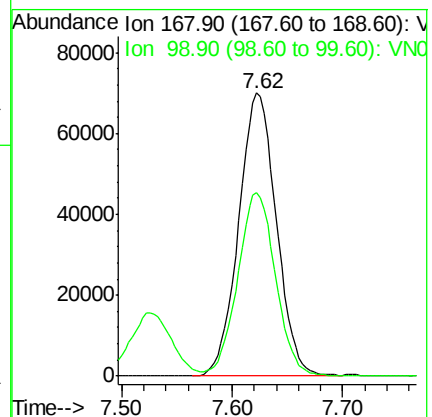
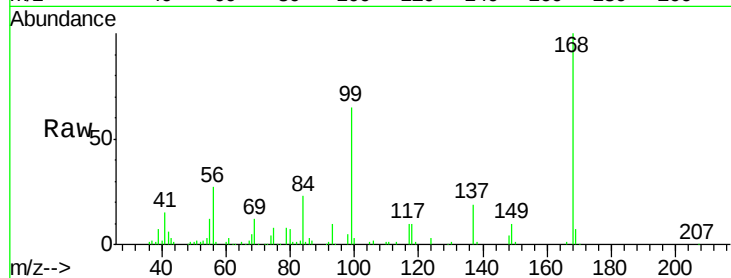
99 64.6 48.4 72.6

Manual Integrations

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8/3/2020 9:31:55 AM



#2

Dichlorodifluoromethane

Concen: 17.498 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN062675.D

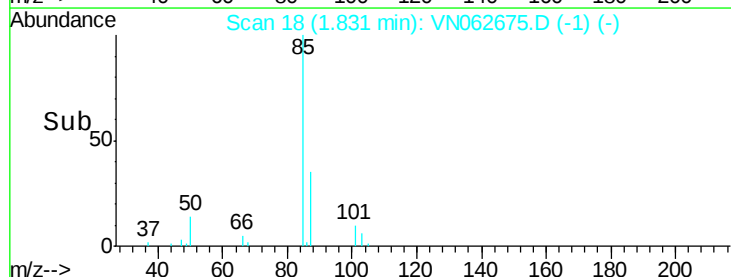
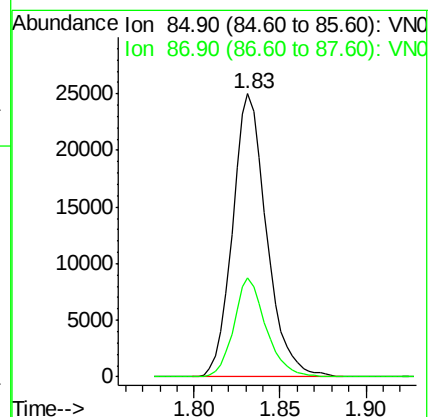
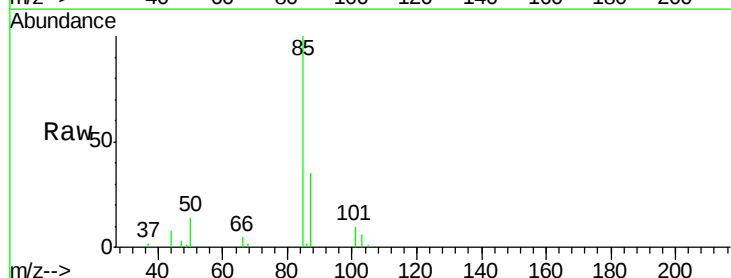
Acq: 31 Jul 2020 10:55

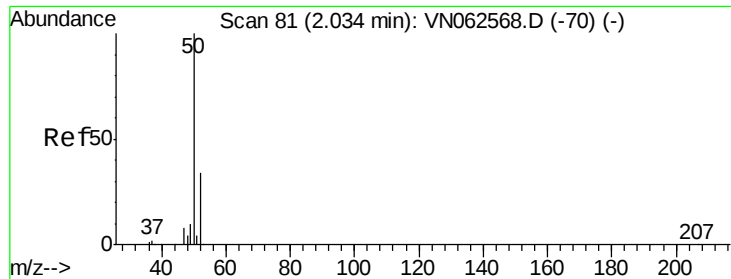
Tgt Ion: 85 Resp: 34585

Ion Ratio Lower Upper

85 100

87 34.9 16.0 48.0





#3

Chloromethane

Concen: 14.744 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN062675.D

Acq: 31 Jul 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

VN0731WBS01

Tot Ion: 50 Resp: 39527

Ion Ratio Lower Upper

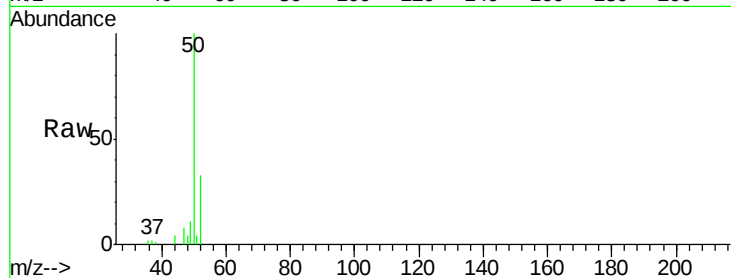
50 100

52 32.7 27.0 40.4

Manual Integrations
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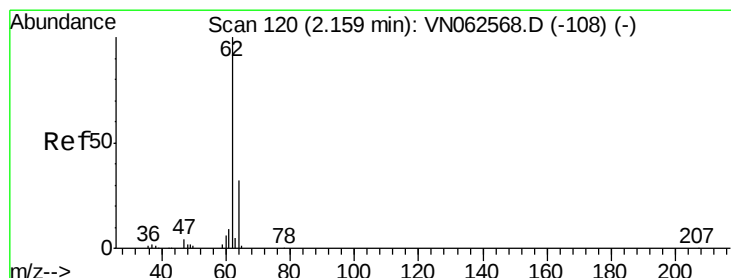
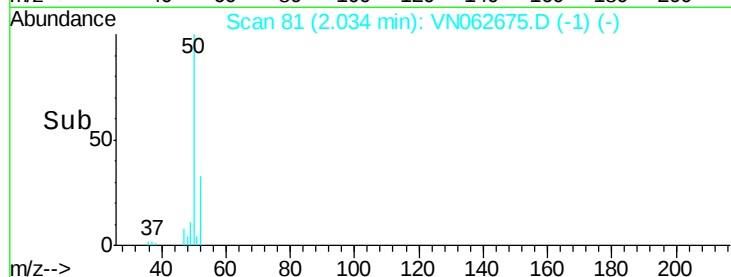
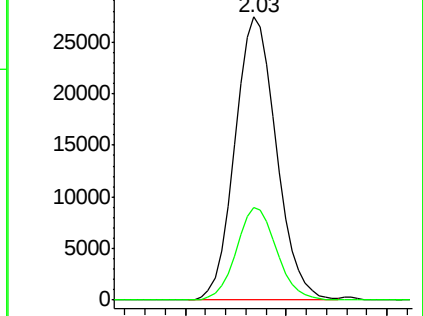
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Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 15.492 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN062675.D

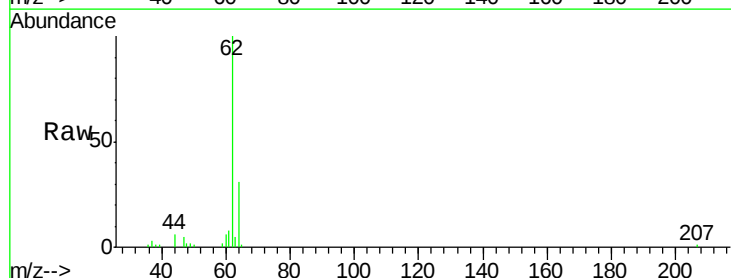
Acq: 31 Jul 2020 10:55

Tgt Ion: 62 Resp: 36003

Ion Ratio Lower Upper

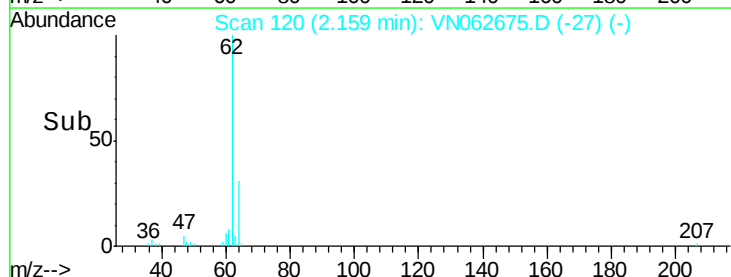
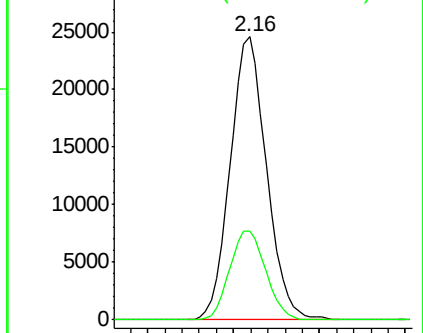
62 100

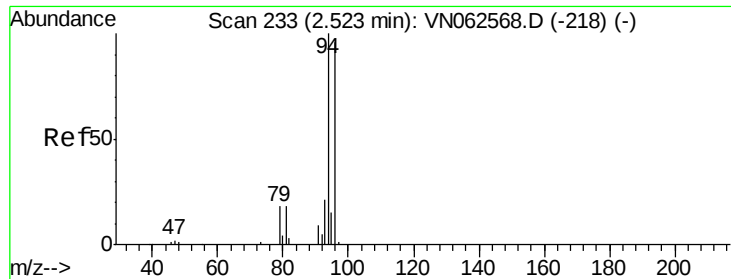
64 31.4 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 20.227 ug/l

RT: 2.52 min Scan# 231

Delta R.T. -0.01 min

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Tot Ion: 94 Resp: 20820

Ion Ratio Lower Upper

94 100

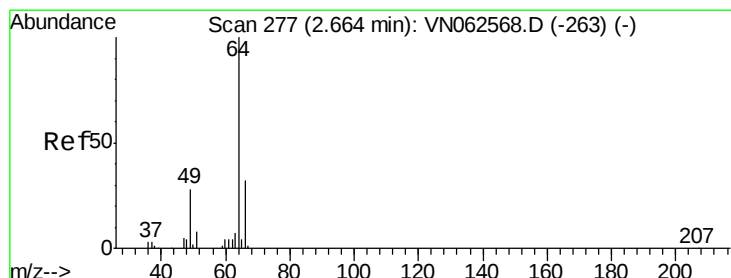
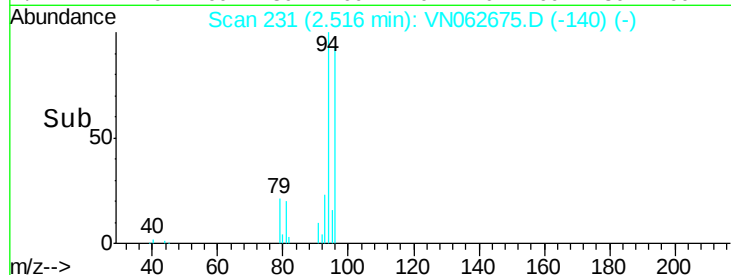
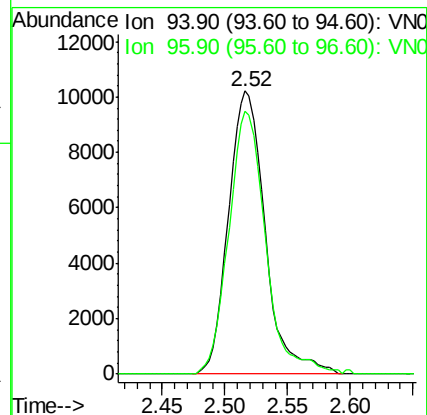
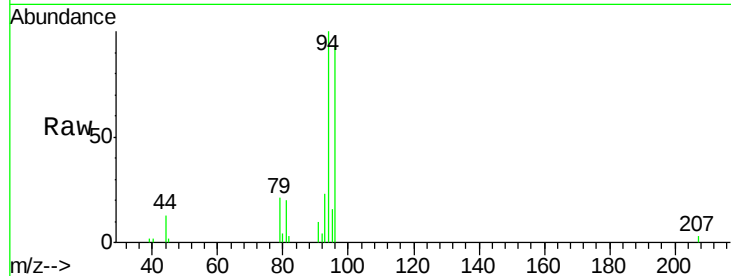
96 92.9 76.6 114.8

Manual Integrations

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#6

Chloroethane

Concen: 19.958 ug/l

RT: 2.66 min Scan# 276

Delta R.T. -0.00 min

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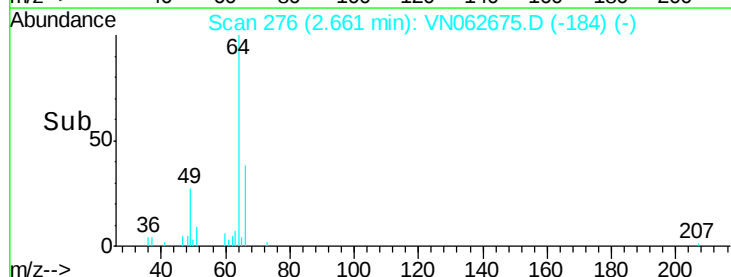
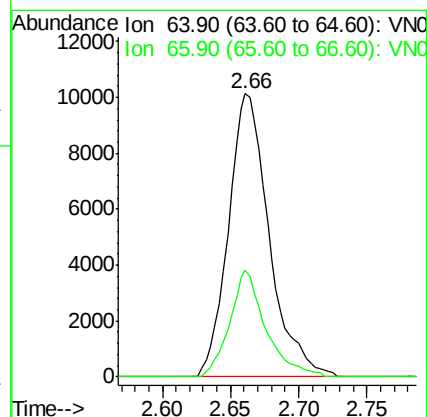
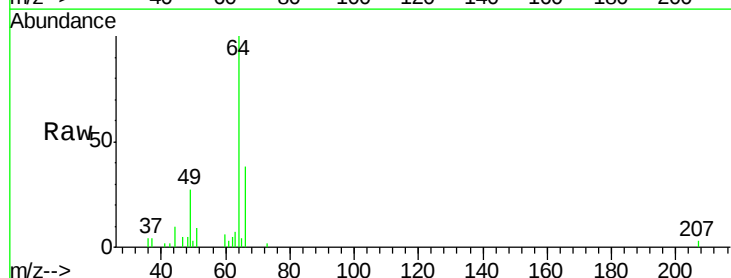
Acq: 31 Jul 2020 10:55

Tgt Ion: 64 Resp: 20981

Ion Ratio Lower Upper

64 100

66 37.7 25.8 38.8





#7

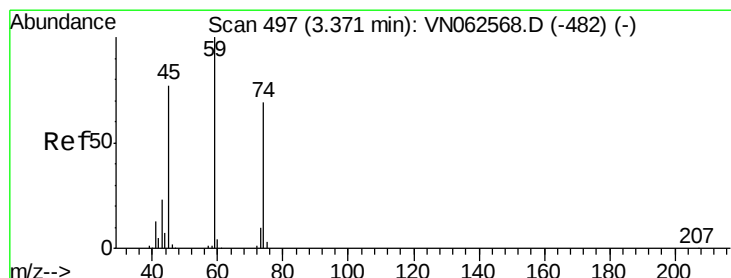
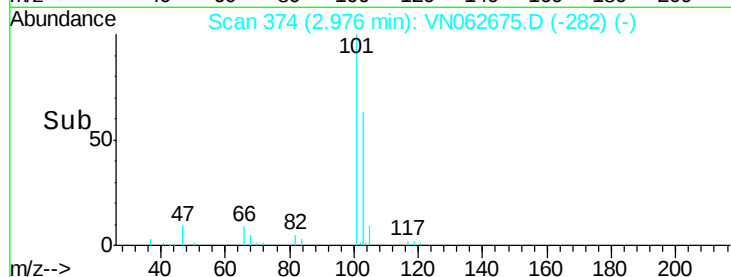
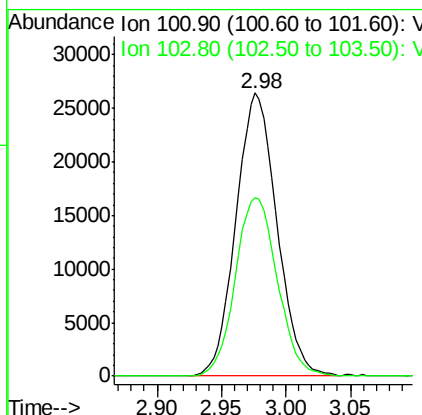
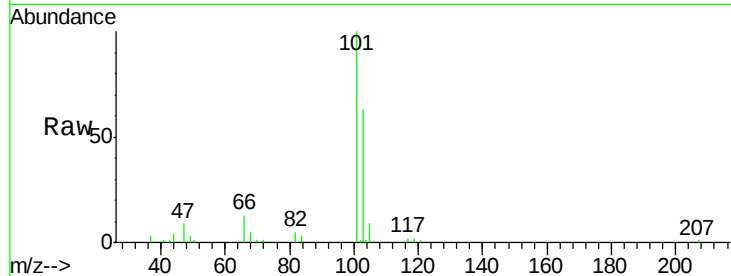
Trichlorofluoromethane
Concen: 21.428 ug/l
RT: 2.98 min Scan# 374
Delta R.T. -0.00 min
Lab File: VN062675.D
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		58470		
103	63.1	51.5	77.3		

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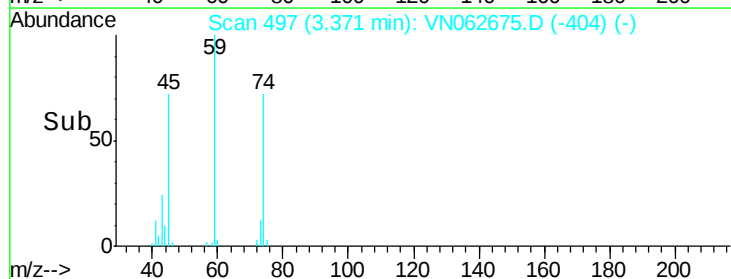
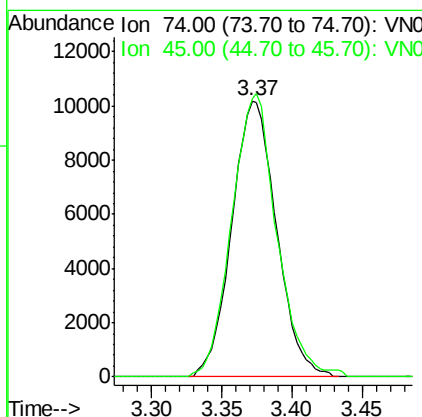
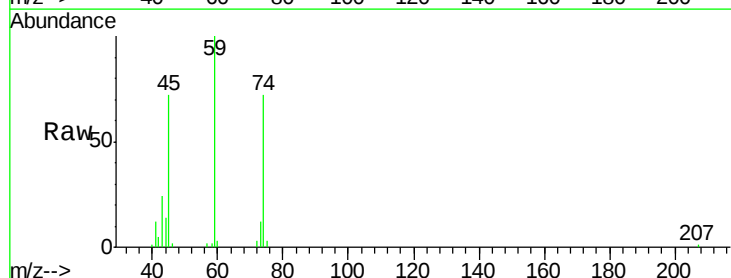
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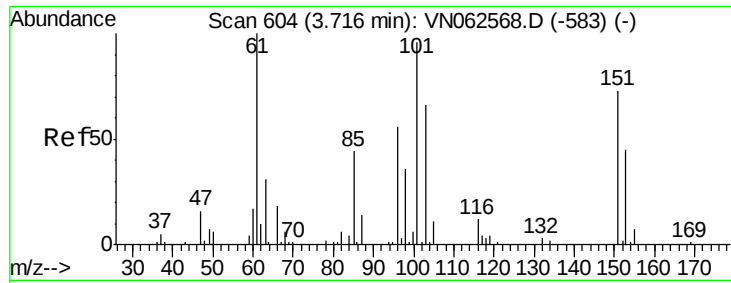


#8

Diethyl Ether
Concen: 17.702 ug/l
RT: 3.37 min Scan# 497
Delta R.T. 0.00 min
Lab File: VN062675.D
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Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		22588		
45	103.2	55.3	165.8		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.462 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.00 min

Lab File: VN062675.D

Acq: 31 Jul 2020 10:55

Instrument :

MSVOA_N

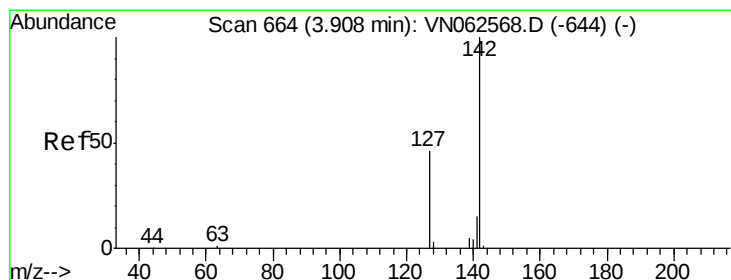
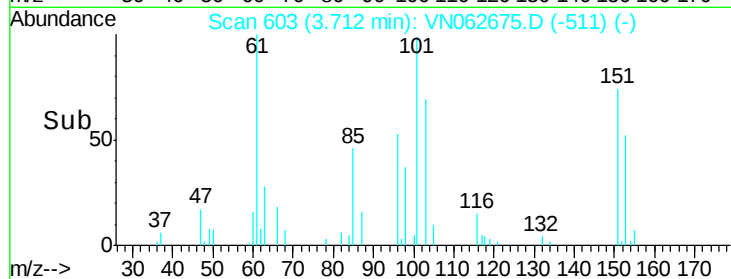
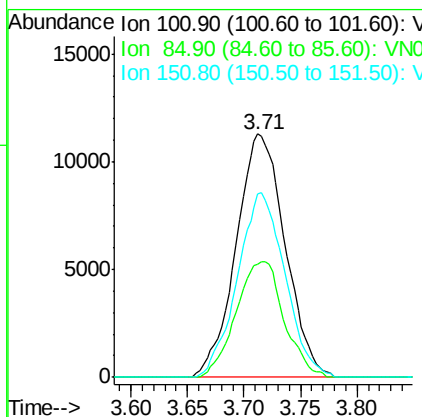
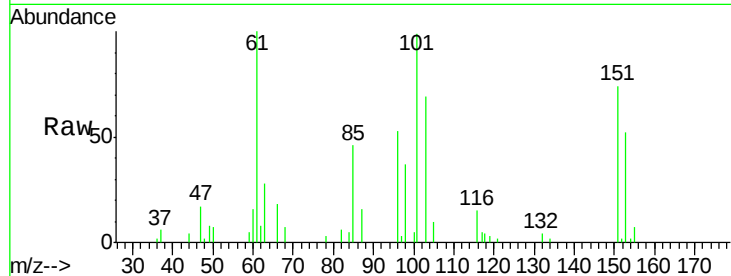
ClientSampleId :

VN0731WBS01

Tot Ion:	101	Resp:	34048
Ion Ratio	Lower	Upper	
101	100		
85	46.5	36.0	54.0
151	73.5	60.0	90.0

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#10

Methyl Iodide

Concen: 16.975 ug/l

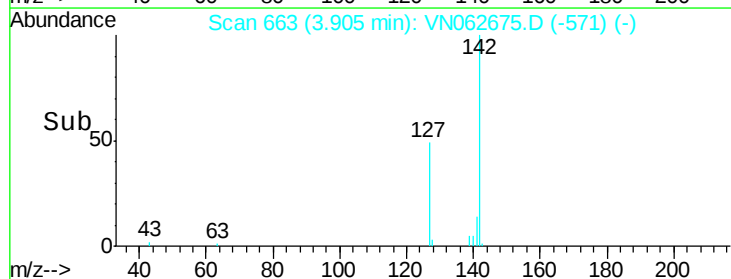
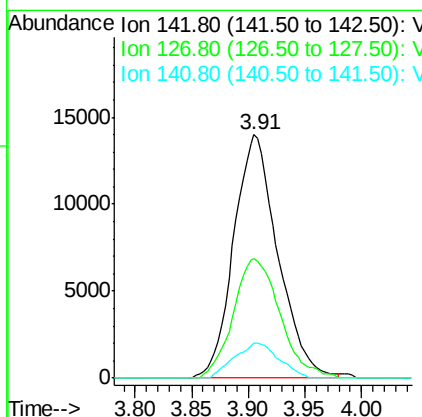
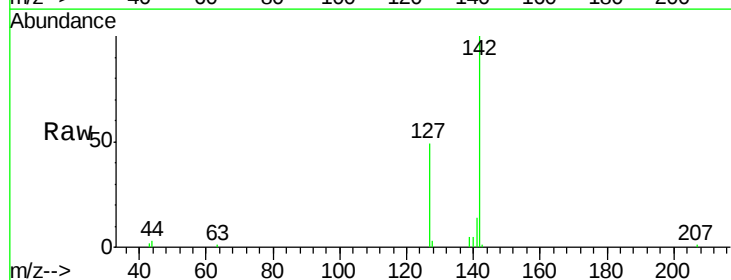
RT: 3.91 min Scan# 663

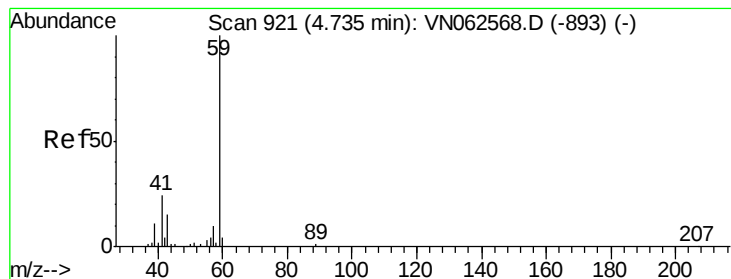
Delta R.T. -0.00 min

Lab File: VN062675.D

Acq: 31 Jul 2020 10:55

Tgt Ion:	142	Resp:	37967
Ion Ratio	Lower	Upper	
142	100		
127	51.8	37.4	56.0
141	14.5	11.9	17.9





#11

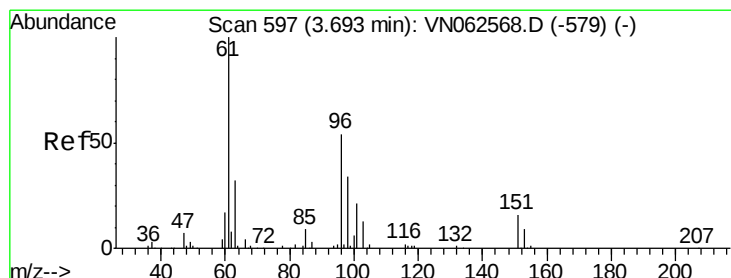
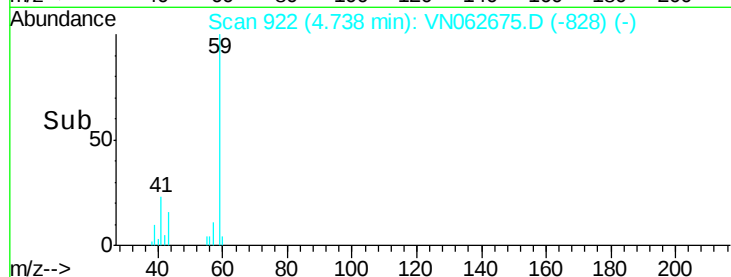
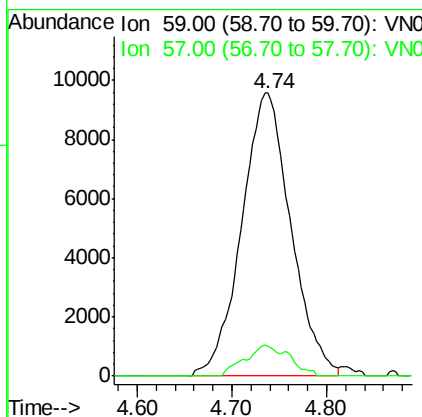
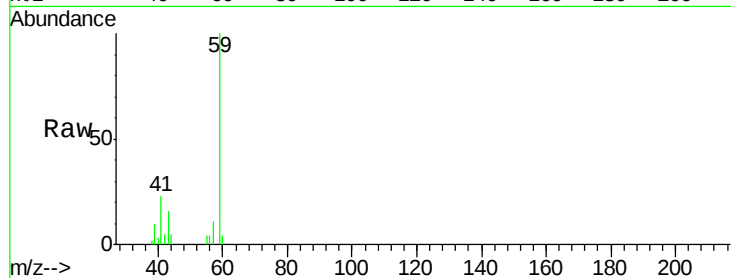
Tert butyl alcohol
 Concen: 84.404 ug/l
 RT: 4.74 min Scan# 922
 Delta R.T. 0.00 min
 Lab File: VN062675.D
 Acq: 31 Jul 2020 10:55

Instrument :
 MSVOA_N
 ClientSampled :
 VN0731WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	7.2	8.2	12.2#

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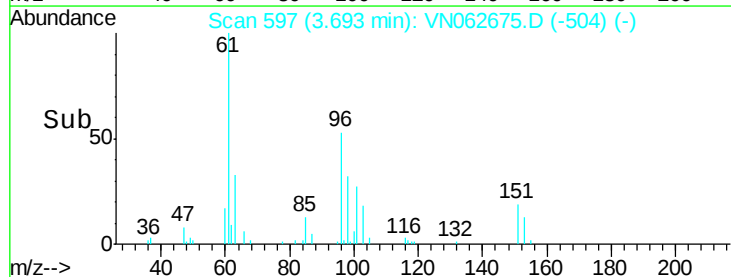
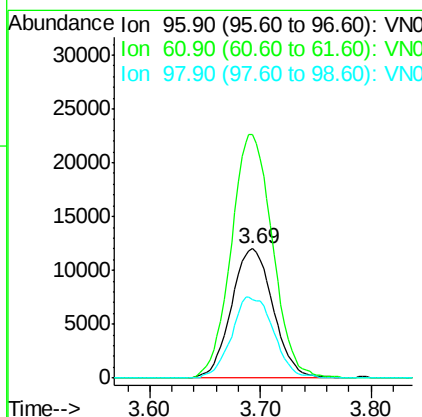
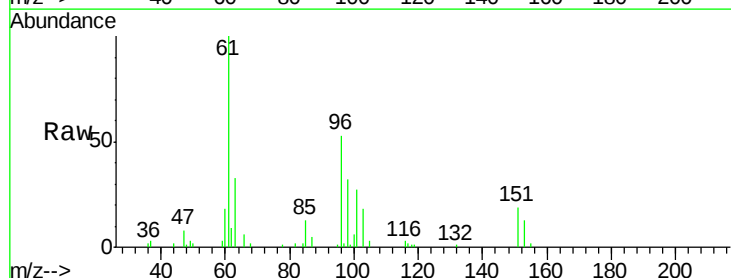
MMDadoda
 8/3/2020 9:31:55 AM

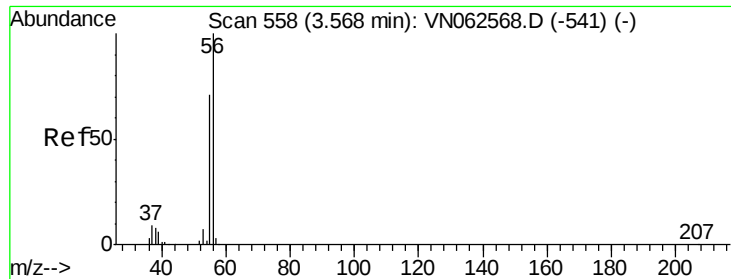


#12

1,1-Dichloroethene
 Concen: 17.813 ug/l
 RT: 3.69 min Scan# 597
 Delta R.T. 0.00 min
 Lab File: VN062675.D
 Acq: 31 Jul 2020 10:55

Tgt Ion	Ratio	Lower	Upper
96	100		
61	188.5	148.6	222.8
98	60.6	50.6	75.8





#13

Acrolein

Concen: 49.878 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN062675.D

Acq: 31 Jul 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

VN0731WBS01

Tot Ion: 56 Resp: 18316

Ion Ratio Lower Upper

56 100

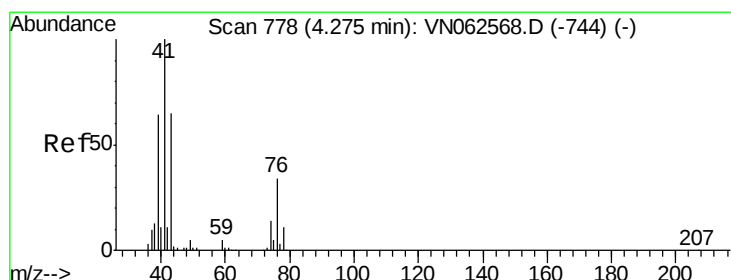
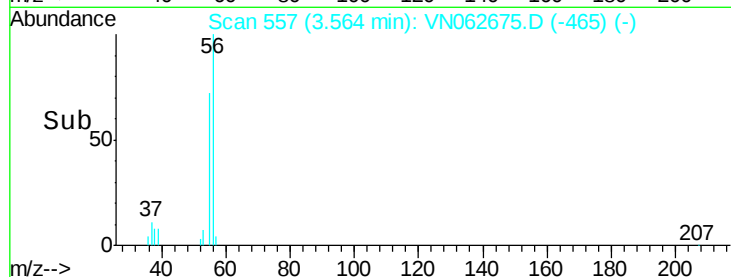
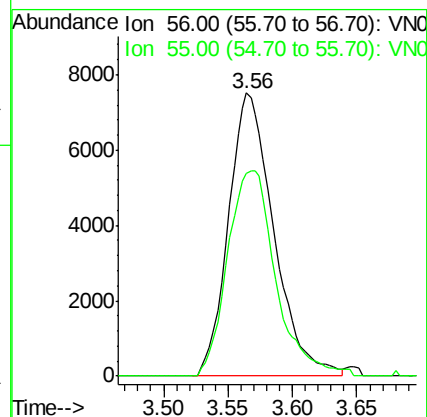
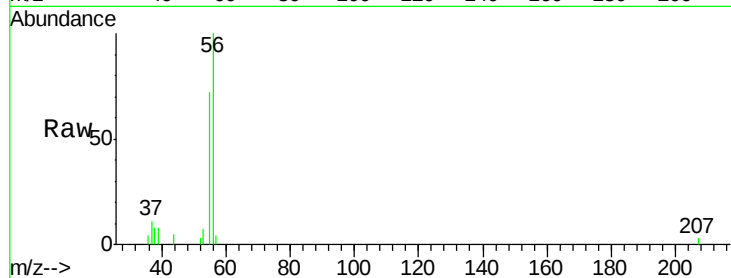
55 77.5 57.0 85.4

Manual Integrations

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MMDadoda

8/3/2020 9:31:55 AM



#14

Allyl chloride

Concen: 15.843 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN062675.D

Acq: 31 Jul 2020 10:55

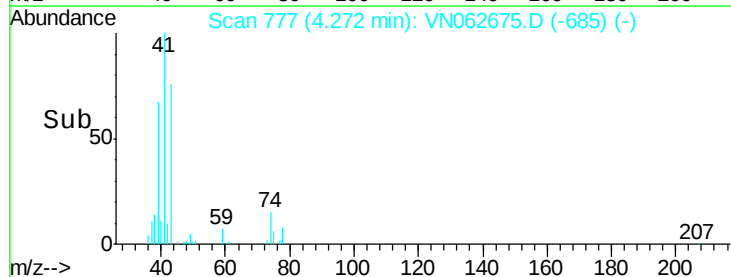
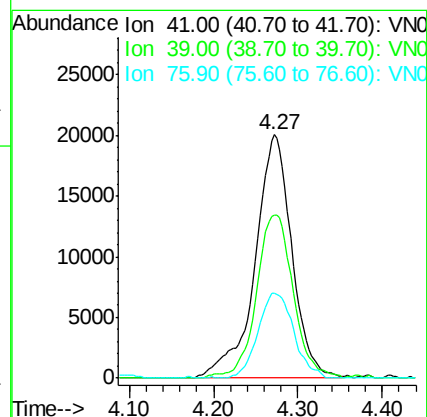
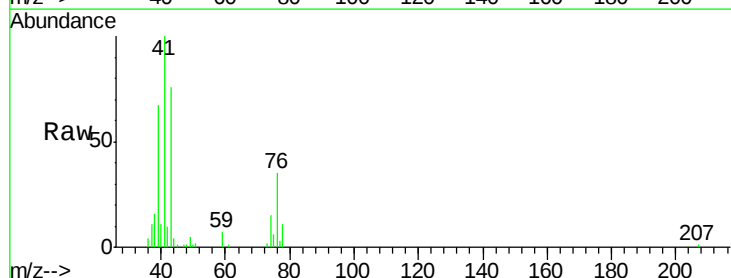
Tgt Ion: 41 Resp: 60803

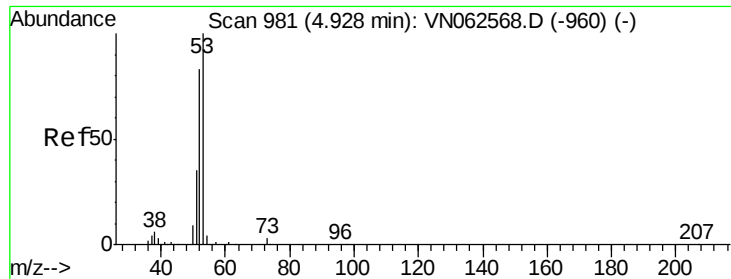
Ion Ratio Lower Upper

41 100

39 67.0 49.0 73.4

76 33.9 24.0 36.0





#15

Acrylonitrile

Concen: 85.074 ug/l

RT: 4.93 min Scan# 981

Delta R.T. 0.00 min

Lab File: VN062675.D

Acq: 31 Jul 2020 10:55

Instrument :

MSVOA_N

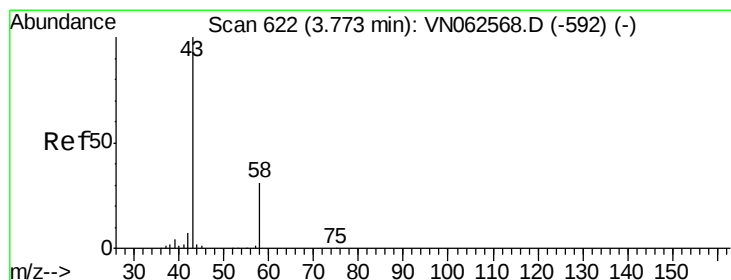
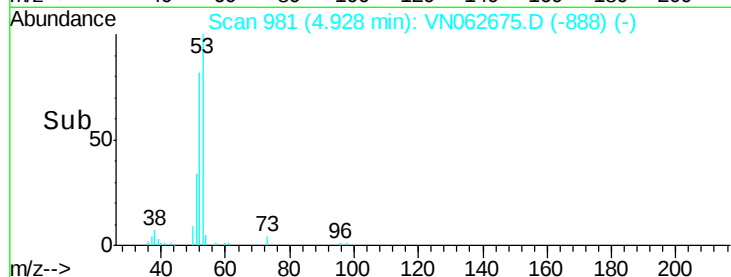
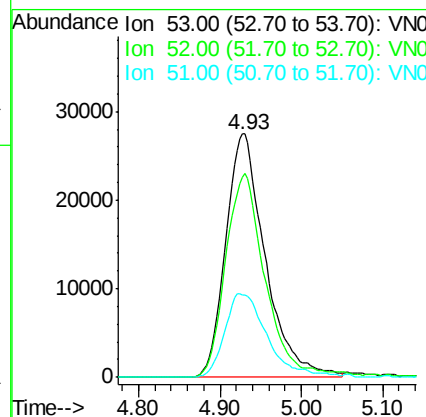
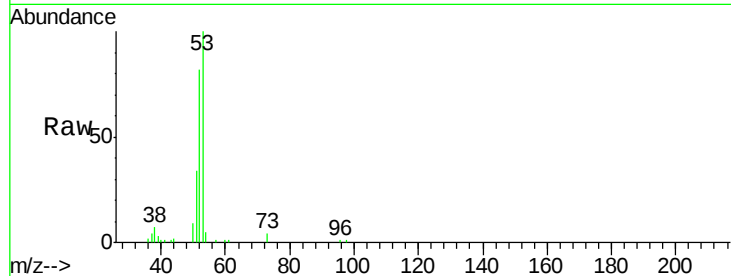
ClientSampleId :

VN0731WBS01

Tot Ion:	53	Resp:	93311
Ion	Ratio	Lower	Upper
53	100		
52	82.9	66.3	99.5
51	37.0	28.6	43.0

Manual Integrations
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#16

Acetone

Concen: 91.683 ug/l

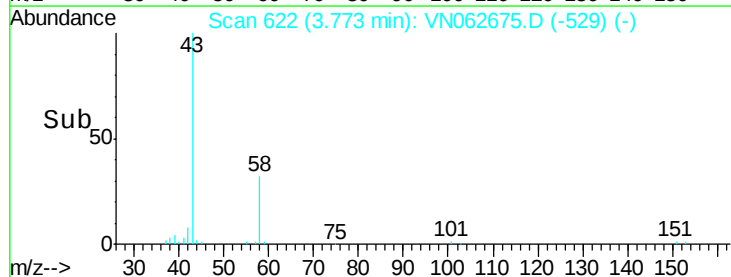
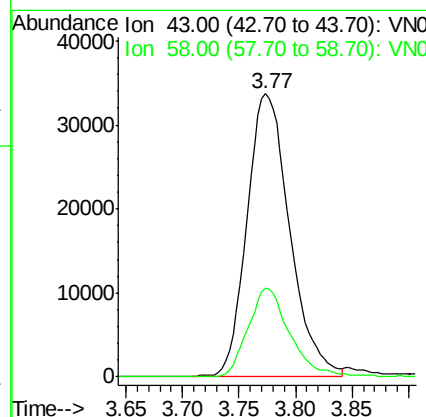
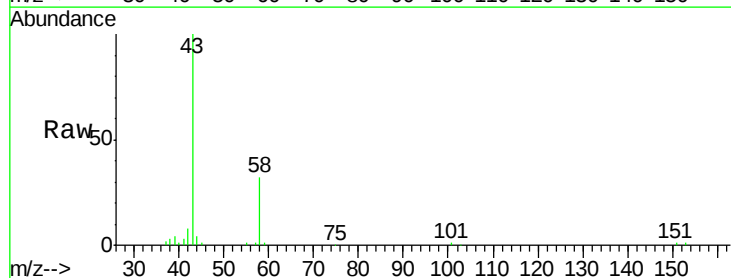
RT: 3.77 min Scan# 622

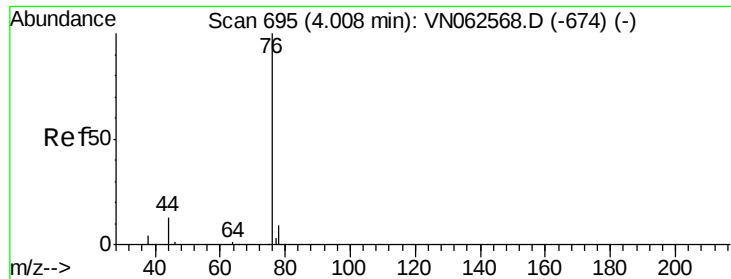
Delta R.T. 0.00 min

Lab File: VN062675.D

Acq: 31 Jul 2020 10:55

Tgt Ion:	43	Resp:	88810
Ion	Ratio	Lower	Upper
43	100		
58	31.6	24.6	37.0





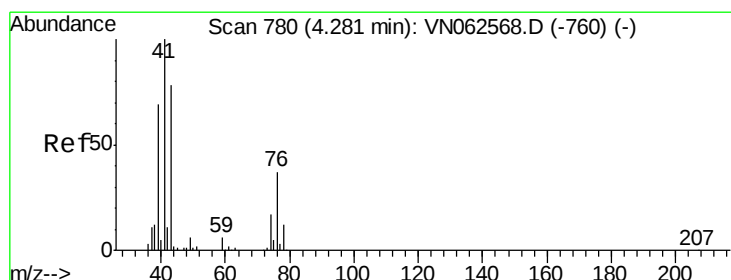
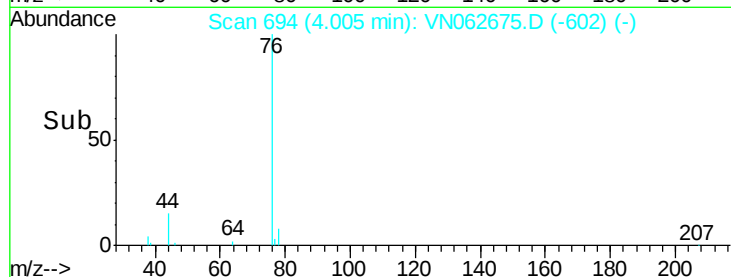
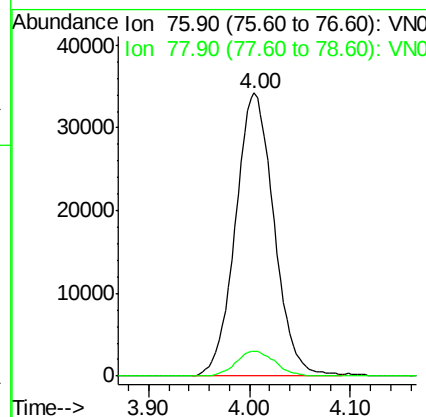
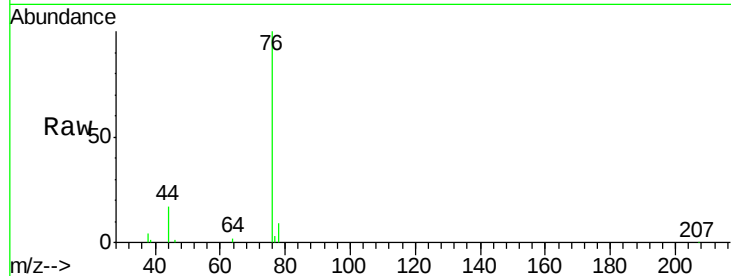
#17
Carbon Disulfide
Concen: 15.582 ug/l
RT: 4.00 min Scan# 694
Delta R.T. -0.00 min
Lab File: VN062675.D
Acq: 31 Jul 2020 10:55

Instrument :
MSVOA_N
ClientSampleId :
VN0731WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.3	10.9

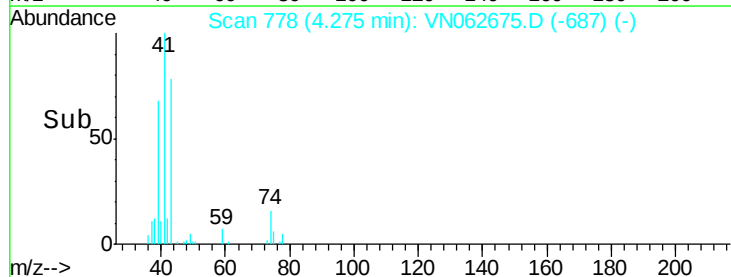
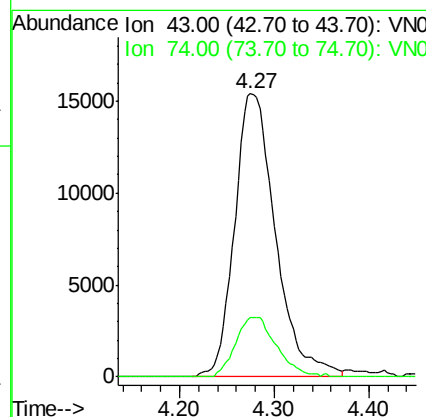
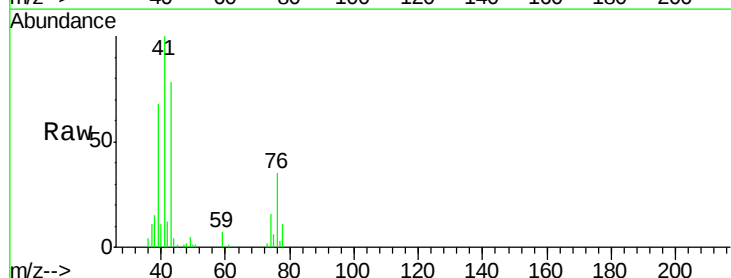
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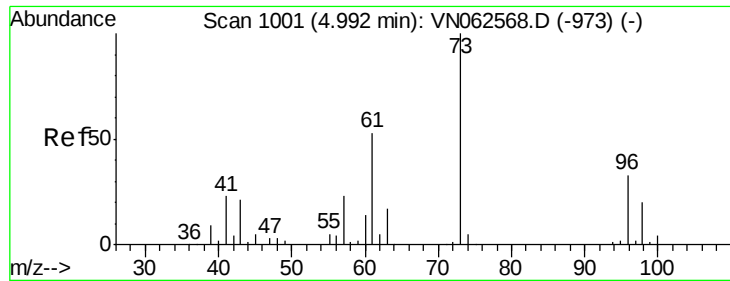
MMDadoda
8/3/2020 9:31:55 AM



#18
Methyl Acetate
Concen: 18.925 ug/l
RT: 4.27 min Scan# 778
Delta R.T. -0.01 min
Lab File: VN062675.D
Acq: 31 Jul 2020 10:55

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.9	16.6	24.8





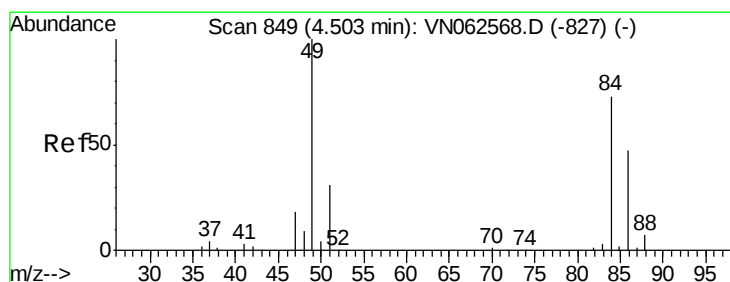
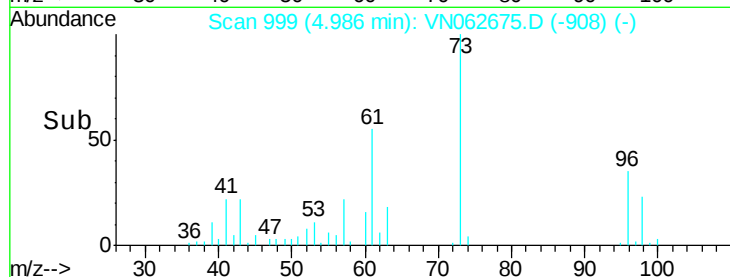
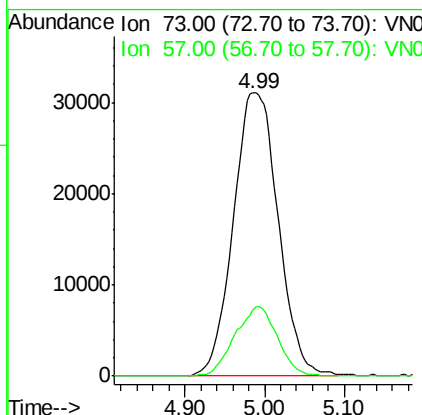
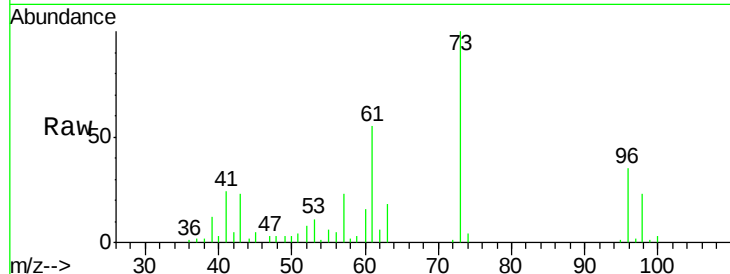
#19
Methvl tert-butvl Ether
Concen: 18.170 ug/l
RT: 4.99 min Scan# 999
Delta R.T. -0.01 min
Lab File: VN062675.D
Acq: 31 Jul 2020 10:55

Instrument :
MSVOA_N
ClientSampleId :
VN0731WBS01

Tot Ion: 73 Resp: 118658
Ion Ratio Lower Upper
73 100
57 23.1 18.6 27.8

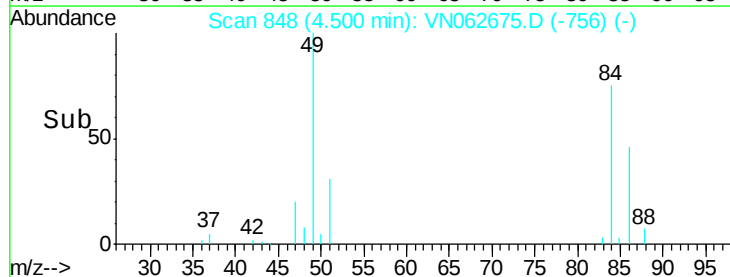
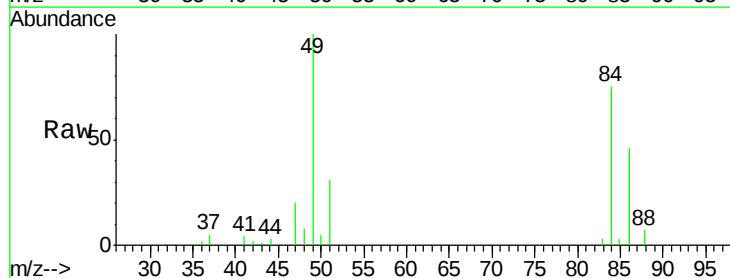
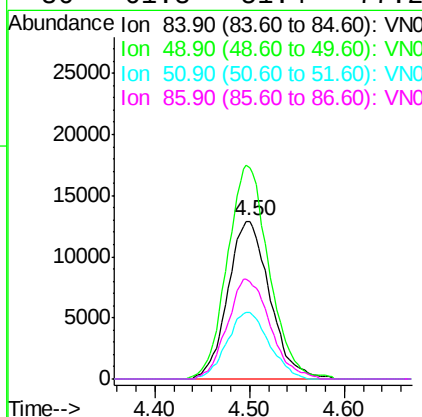
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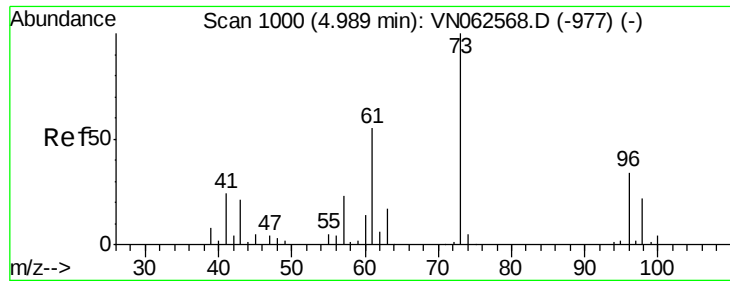
MMDadoda
8/3/2020 9:31:55 AM



#20
Methylene Chloride
Concen: 17.076 ug/l
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN062675.D
Acq: 31 Jul 2020 10:55

Tgt Ion: 84 Resp: 39671
Ion Ratio Lower Upper
84 100
49 133.8 109.4 164.0
51 42.1 33.6 50.4
86 61.8 51.4 77.2





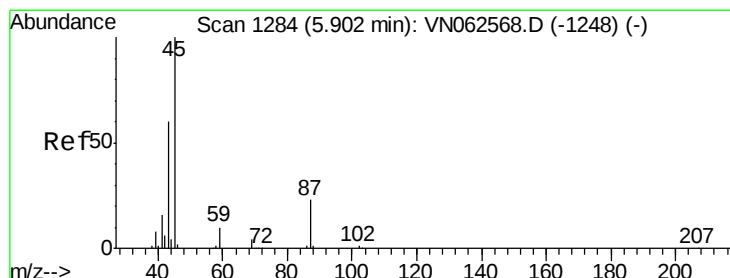
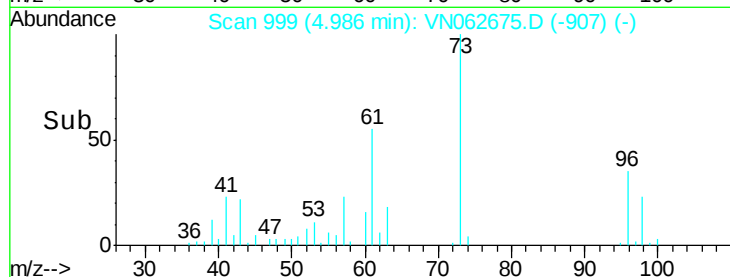
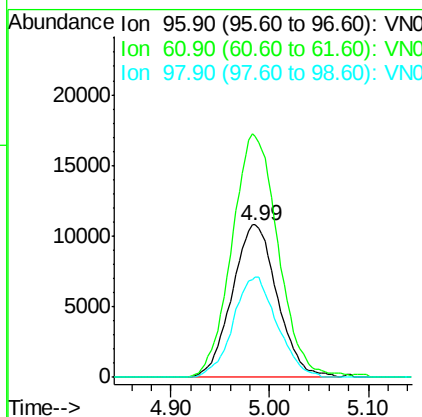
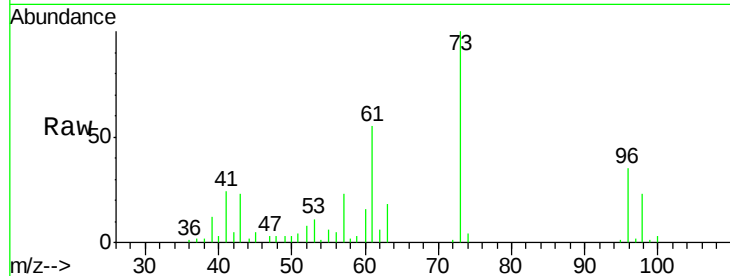
#21
trans-1,2-Dichloroethene
Concen: 17.452 ug/l
RT: 4.99 min Scan# 999
Delta R.T. -0.00 min
Lab File: VN062675.D
Acq: 31 Jul 2020 10:55

Instrument :
MSVOA_N
ClientSampleId :
VN0731WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	157.7	128.6	192.8
98	65.7	50.6	76.0

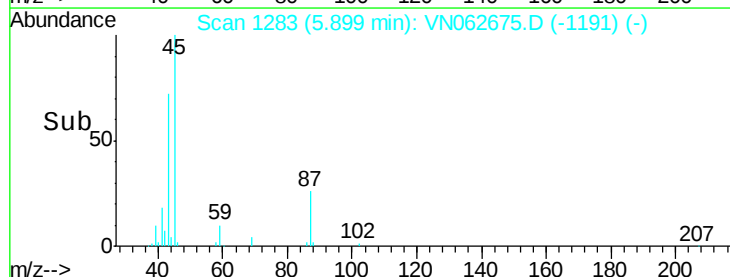
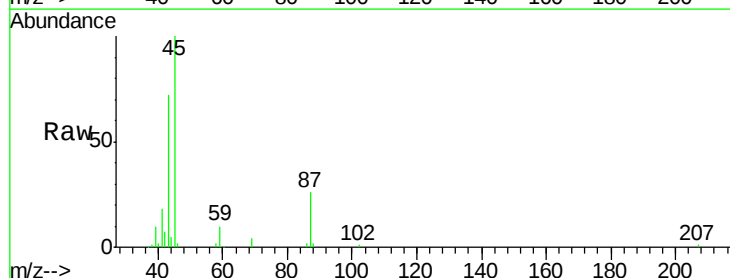
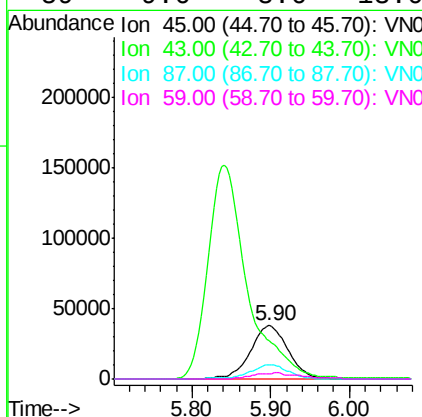
Manual Integrations
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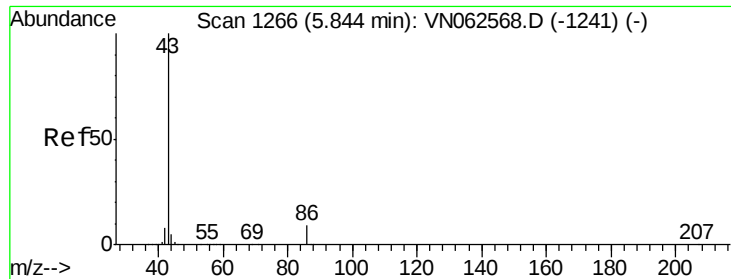
MMDadoda
8/3/2020 9:31:55 AM



#22
Diisopropyl ether
Concen: 16.858 ug/l
RT: 5.90 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VN062675.D
Acq: 31 Jul 2020 10:55

Tgt Ion	Ratio	Lower	Upper
45	100		
43	68.1	48.7	73.1
87	25.9	19.0	28.6
59	9.6	8.6	13.0





#23

Vinyl Acetate

Concen: 84.068 ug/l

RT: 5.84 min Scan# 1265

Delta R.T. -0.00 min

Lab File: VN062675.D

Acq: 31 Jul 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

VN0731WBS01

Tot Ion: 43 Resp: 525496

Ion Ratio Lower Upper

43 100

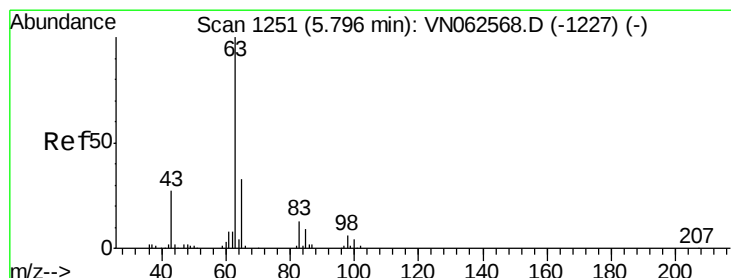
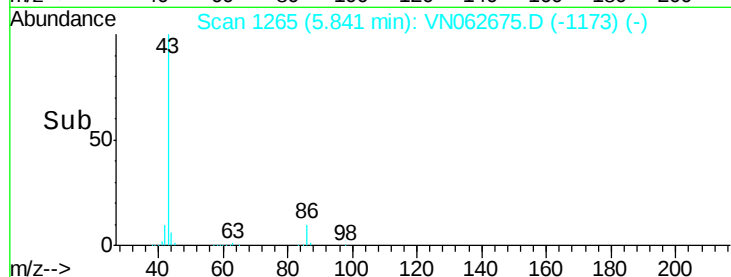
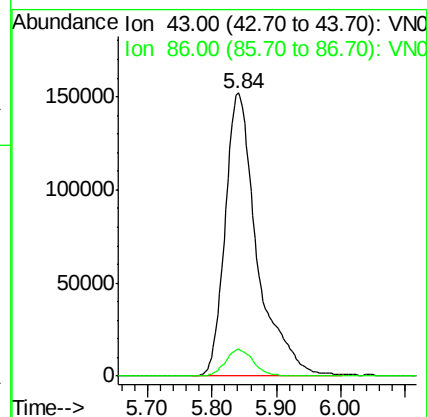
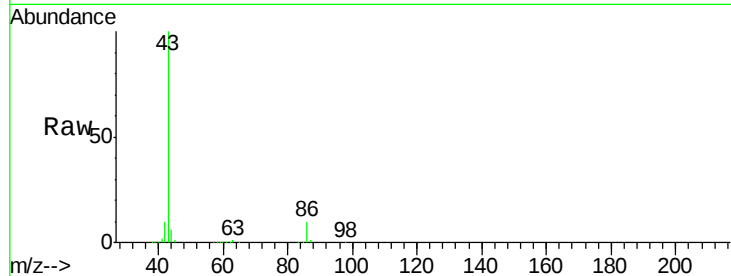
86 9.5 6.9 10.3

Manual Integrations

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MMDadoda

8/3/2020 9:31:55 AM



#24

1,1-Dichloroethane

Concen: 17.794 ug/l

RT: 5.79 min Scan# 1249

Delta R.T. -0.01 min

Lab File: VN062675.D

Acq: 31 Jul 2020 10:55

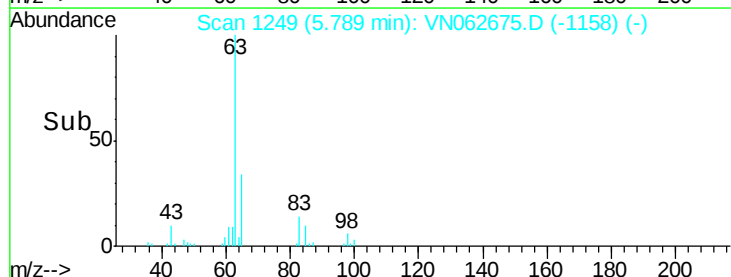
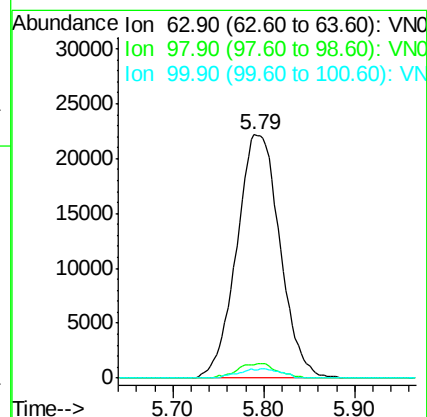
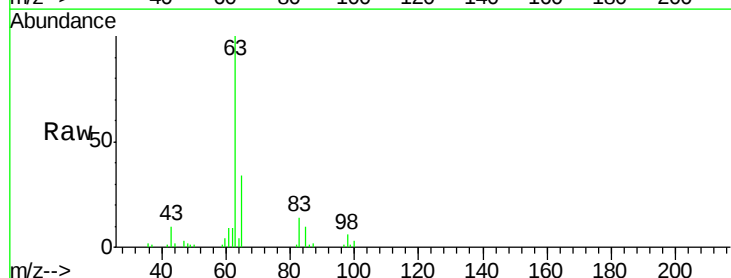
Tgt Ion: 63 Resp: 73100

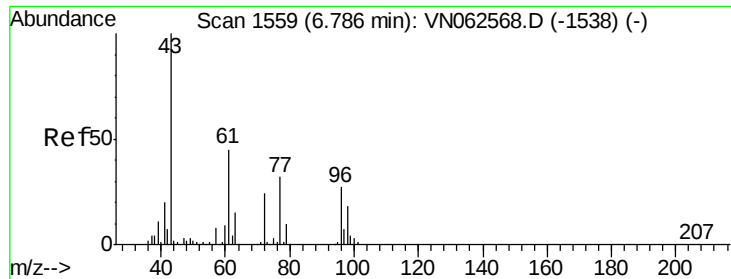
Ion Ratio Lower Upper

63 100

98 5.6 2.9 8.8

100 3.4 1.8 5.4





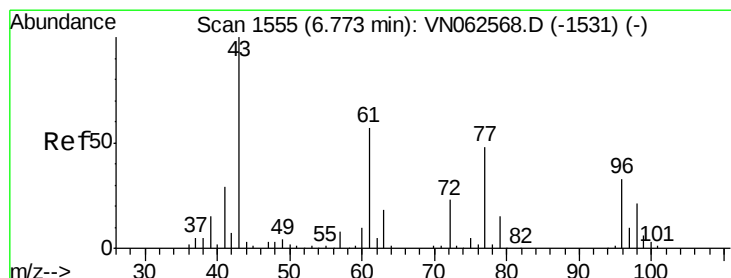
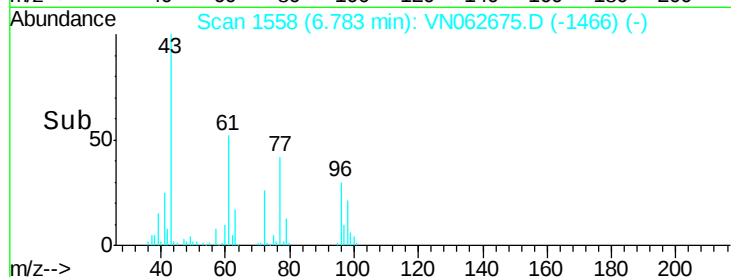
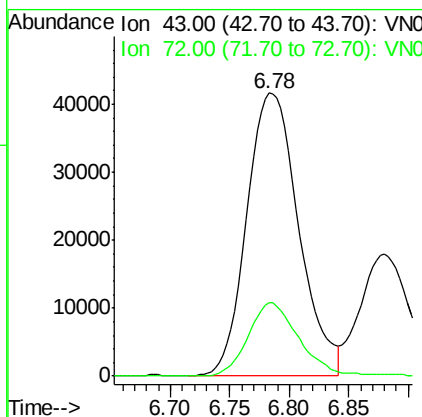
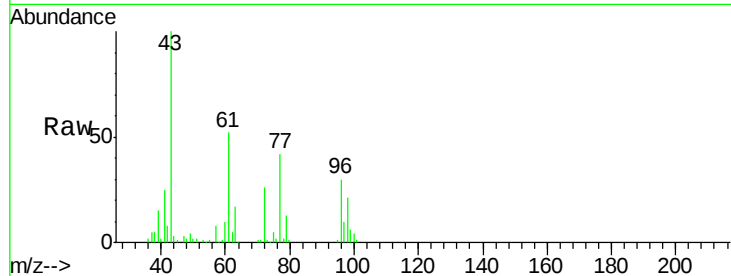
#25
2-Butanone
Concen: 85.636 ug/l
RT: 6.78 min Scan# 1558
Delta R.T. -0.00 min
Lab File: VN062675.D
Acq: 31 Jul 2020 10:55

Instrument :
MSVOA_N
ClientSampleId :
VN0731WBS01

Tot Ion: 43 Resp: 126334
Ion Ratio Lower Upper
43 100
72 26.0 19.0 28.6

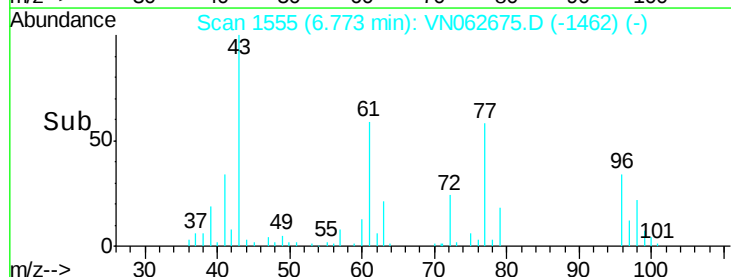
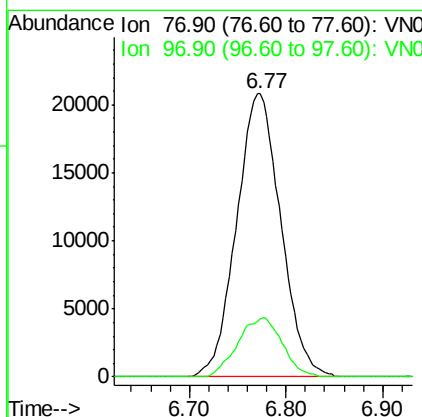
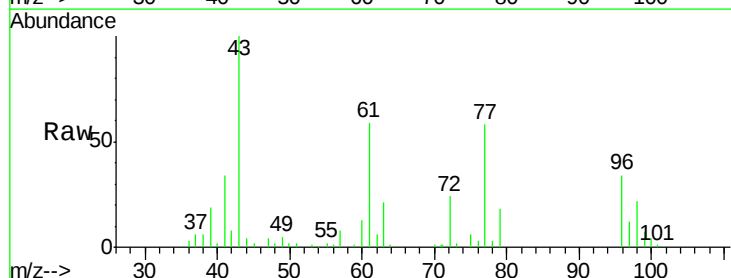
Manual Integrations
APPROVED

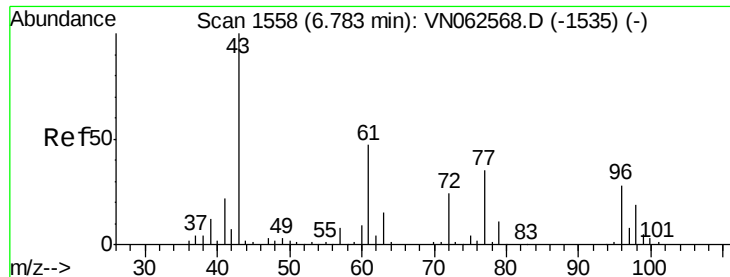
MMDadoda
8/3/2020 9:31:55 AM



#26
2,2-Dichloropropane
Concen: 19.588 ug/l
RT: 6.77 min Scan# 1555
Delta R.T. 0.00 min
Lab File: VN062675.D
Acq: 31 Jul 2020 10:55

Tgt Ion: 77 Resp: 66056
Ion Ratio Lower Upper
77 100
97 21.1 10.8 32.4





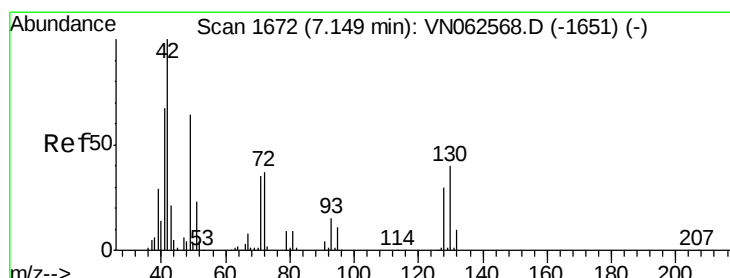
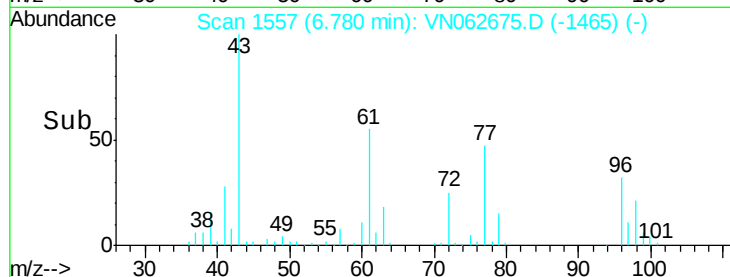
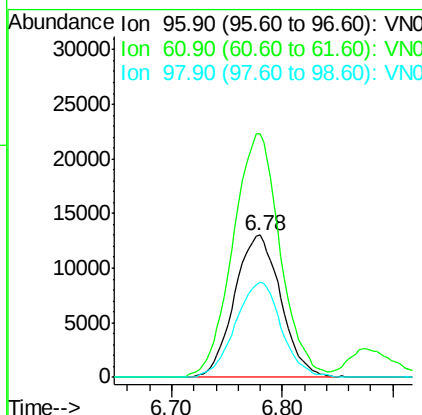
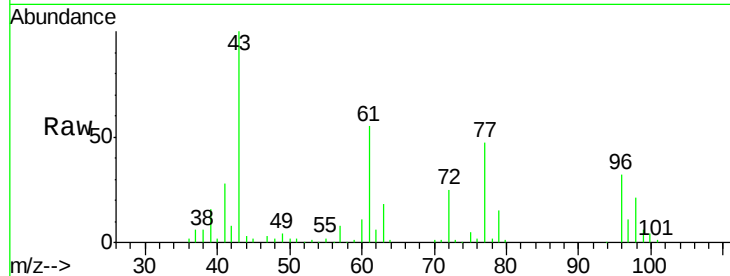
#27
 cis-1,2-Dichloroethene
 Concen: 16.836 ug/l
 RT: 6.78 min Scan# 1557
 Delta R.T. -0.00 min
 Lab File: VN062675.D
 Acq: 31 Jul 2020 10:55

Instrument :
 MSVOA_N
 ClientSampled :
 VN0731WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	174.7	0.0	332.4
98	66.4	0.0	127.4

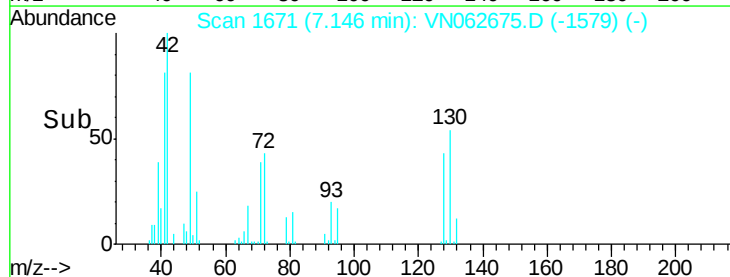
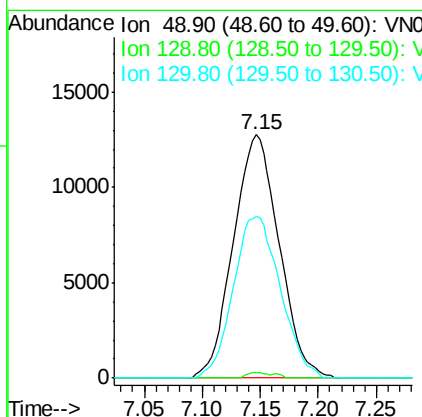
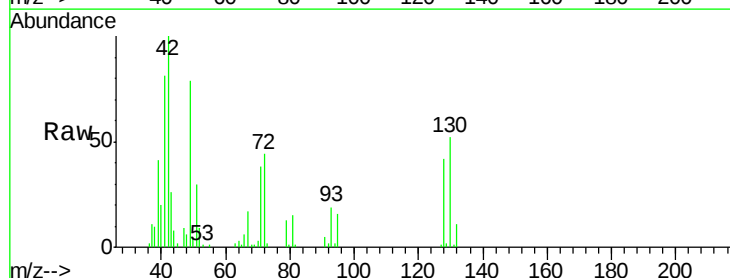
Manual Integrations
 APPROVED

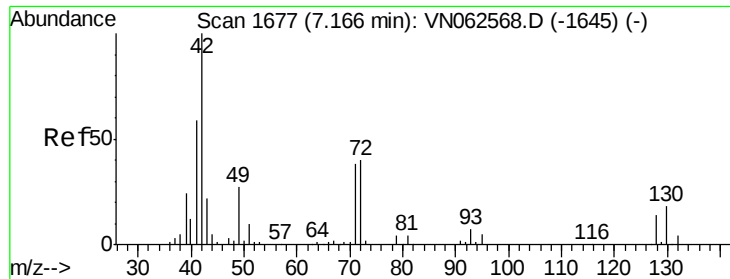
MMDadoda
 8/3/2020 9:31:55 AM



#28
 Bromochloromethane
 Concen: 17.303 ug/l
 RT: 7.15 min Scan# 1671
 Delta R.T. -0.00 min
 Lab File: VN062675.D
 Acq: 31 Jul 2020 10:55

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.0	0.0	3.4
130	68.1	49.8	74.8





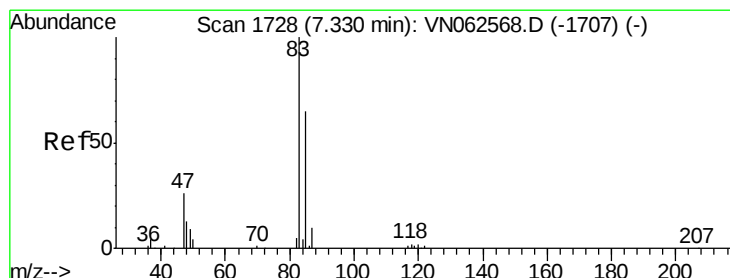
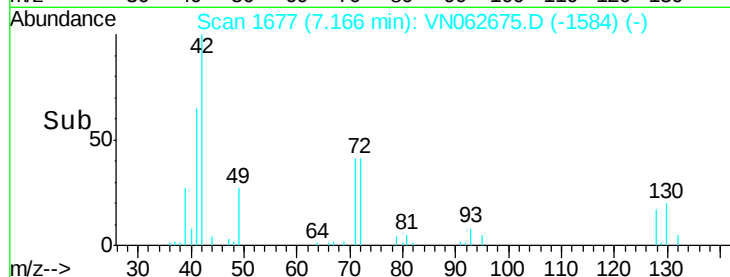
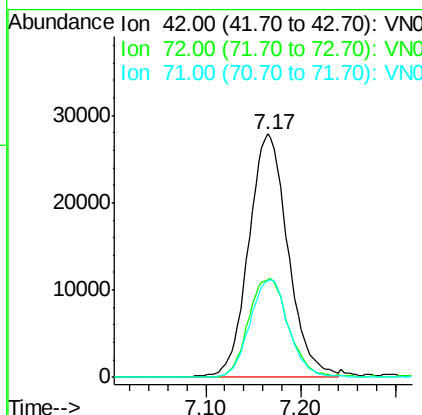
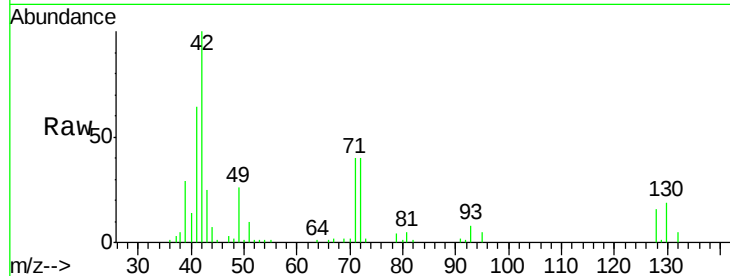
#29
Tetrahydrofuran
Concen: 80.713 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. 0.00 min
Lab File: VN062675.D
Acq: 31 Jul 2020 10:55

Instrument :
MSVOA_N
ClientSampled :
VN0731WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.9	30.7	46.1
71	39.2	29.1	43.7

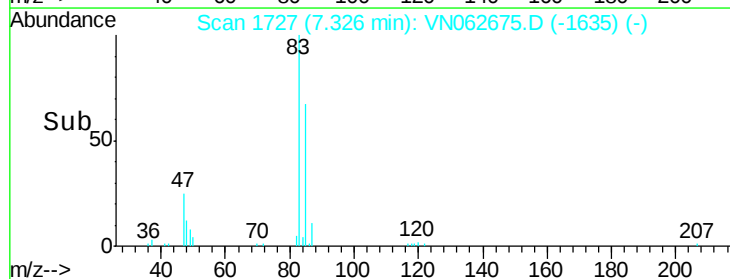
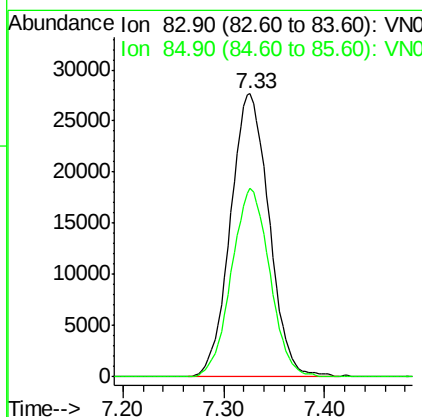
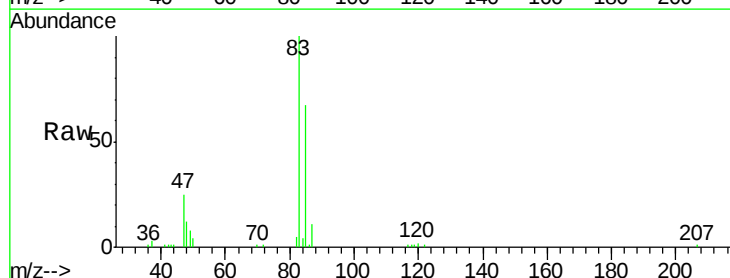
Manual Integrations
APPROVED

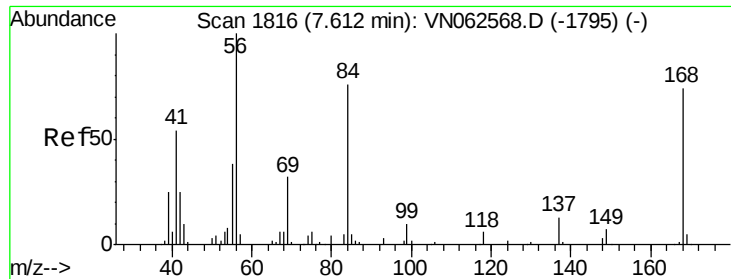
MMDadoda
8/3/2020 9:31:55 AM



#30
Chloroform
Concen: 18.825 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN062675.D
Acq: 31 Jul 2020 10:55

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.6	52.0	78.0





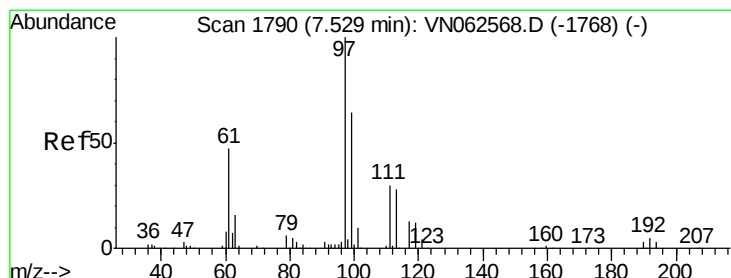
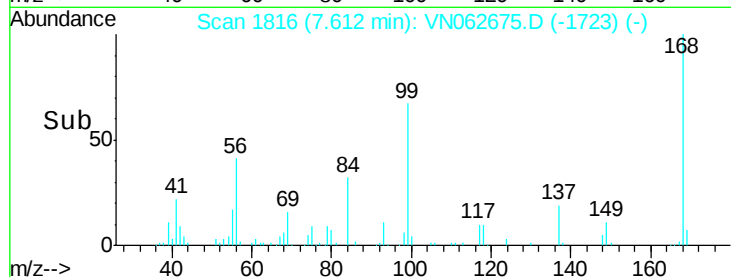
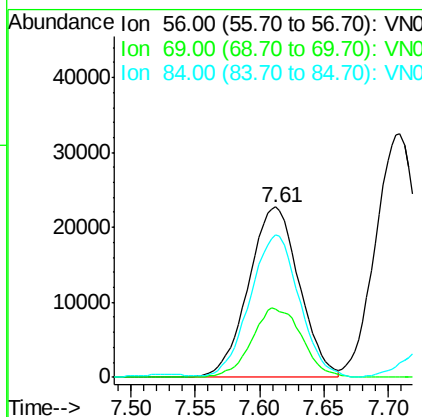
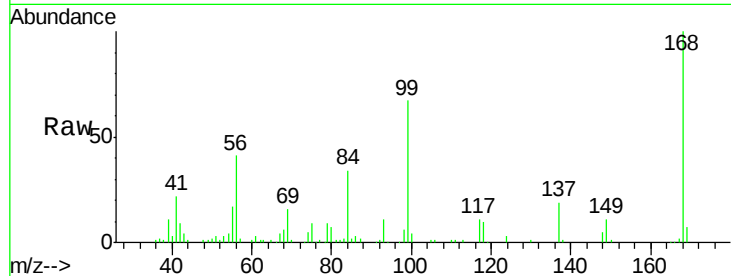
#31
Cyclohexane
Concen: 16.426 ug/l
RT: 7.61 min Scan# 1816
Delta R.T. 0.00 min
Lab File: VN062675.D
Acq: 31 Jul 2020 10:55

Instrument :
MSVOA_N
ClientSampleId :
VN0731WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	39.8	25.3	37.9#
84	82.7	61.0	91.4

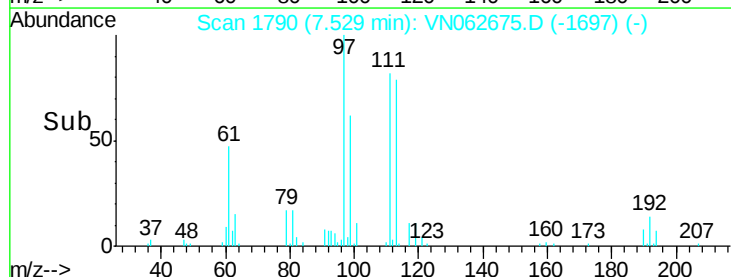
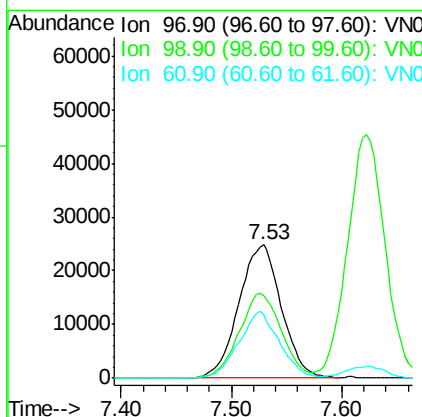
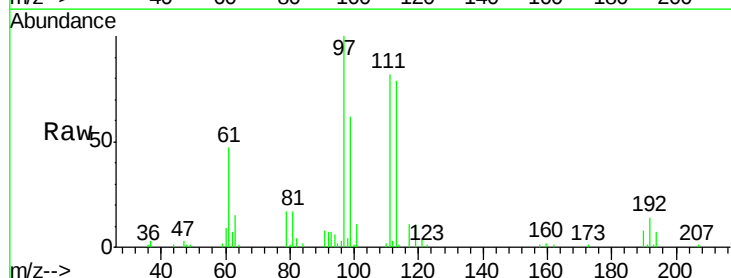
Manual Integrations
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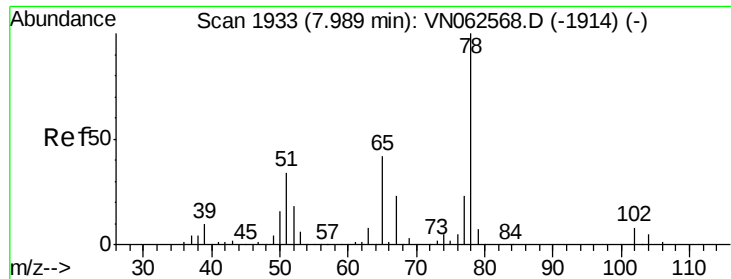
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#32
1,1,1-Trichloroethane
Concen: 20.379 ug/l
RT: 7.53 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VN062675.D
Acq: 31 Jul 2020 10:55

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.7	51.2	76.8
61	47.4	38.4	57.6





#33

1,2-Dichloroethane-d4

Concen: 51.146 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN062675.D

Acq: 31 Jul 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

VN0731WBS01

Tot Ion: 65 Resp: 131657

Ion Ratio Lower Upper

65 100

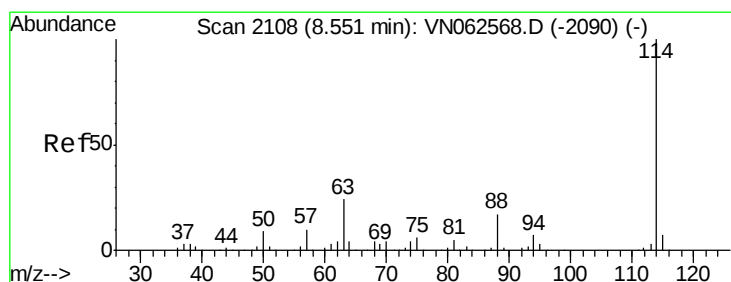
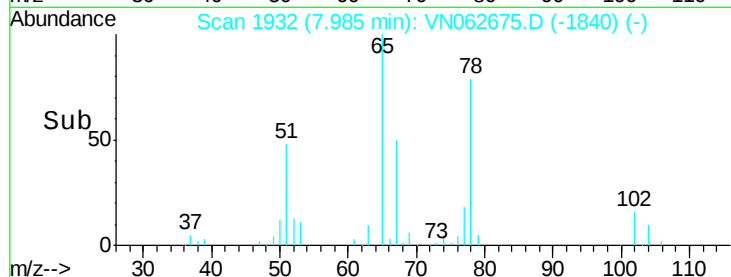
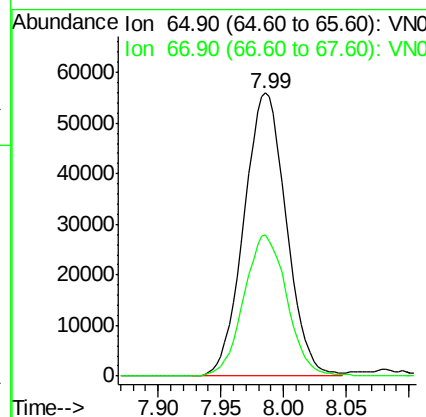
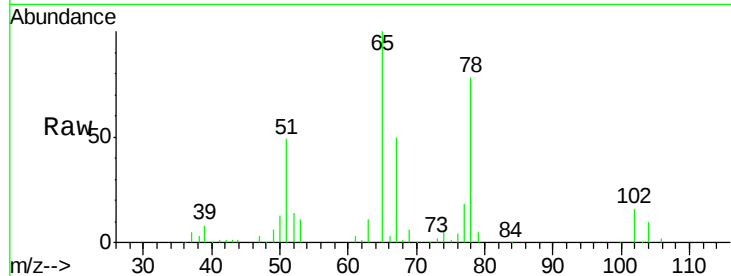
67 50.6 0.0 106.0

Manual Integrations

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8/3/2020 9:31:55 AM



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2107

Delta R.T. -0.00 min

Lab File: VN062675.D

Acq: 31 Jul 2020 10:55

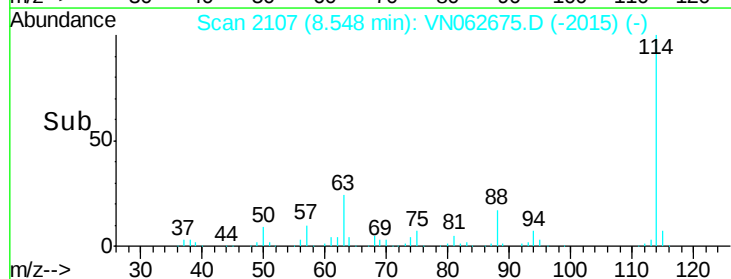
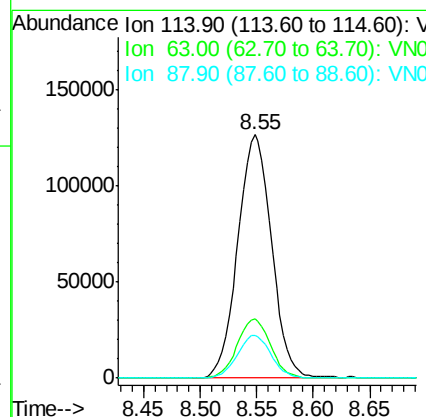
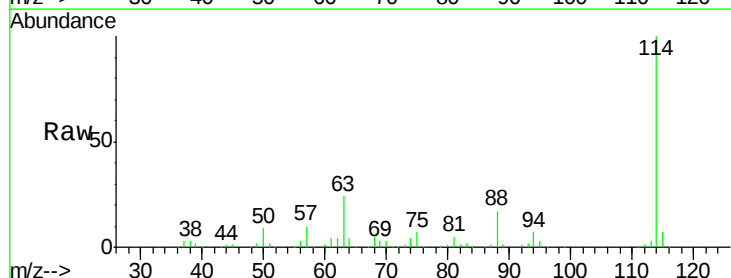
Tgt Ion: 114 Resp: 263876

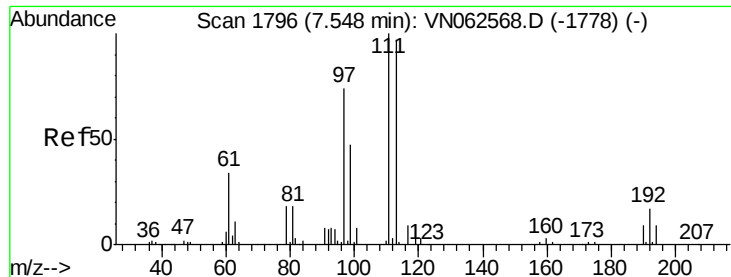
Ion Ratio Lower Upper

114 100

63 24.4 0.0 48.4

88 17.4 0.0 33.8





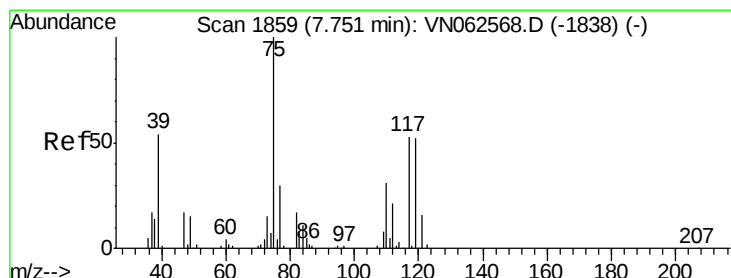
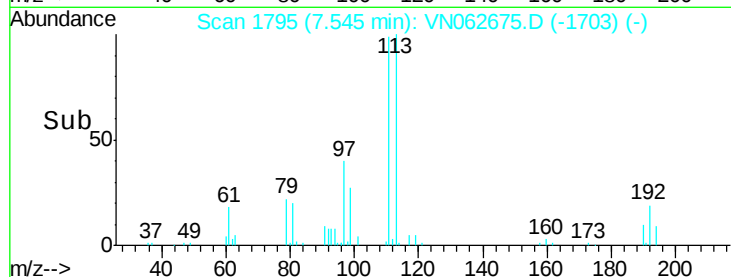
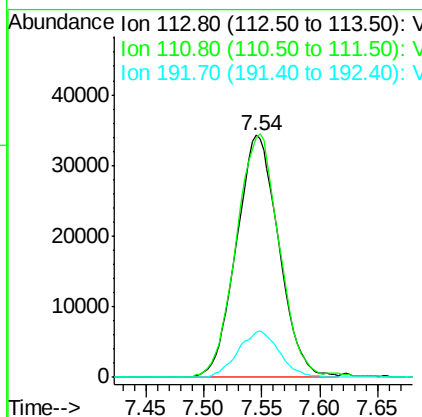
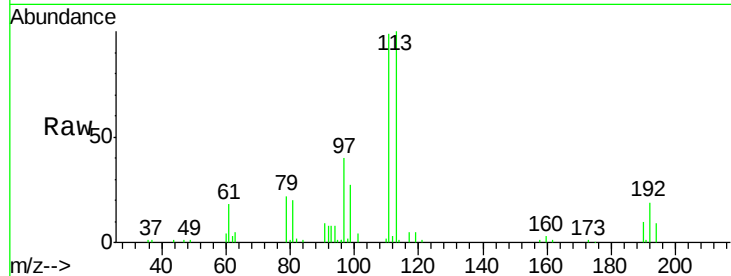
#35
 Dibromofluoromethane
 Concen: 50.186 ug/l
 RT: 7.54 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VN062675.D
 Acq: 31 Jul 2020 10:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0731WBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.7	124.1
192	18.6	14.8	22.2

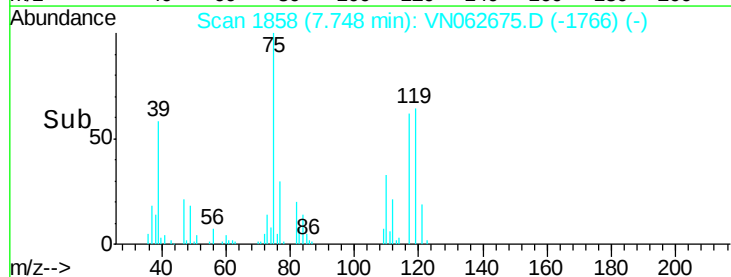
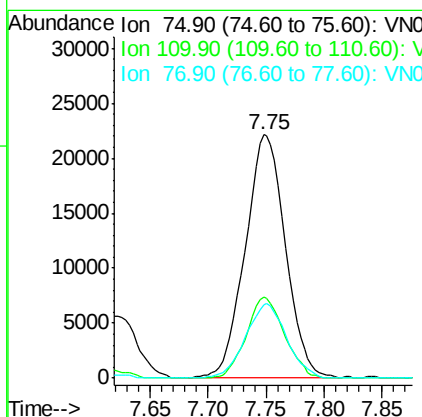
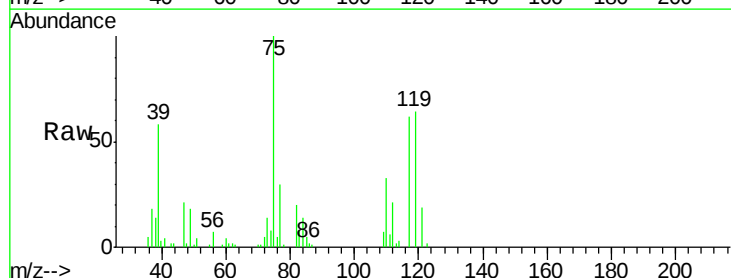
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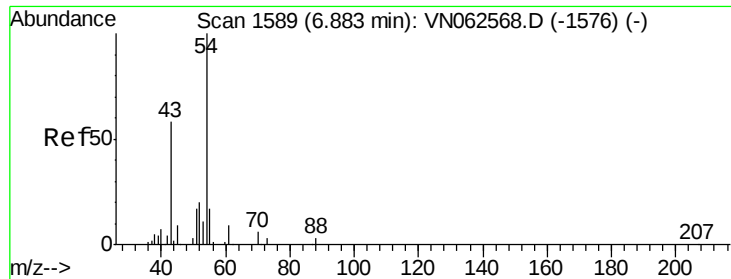
MMDadoda
 8/3/2020 9:31:55 AM



#36
 1,1-Dichloropropene
 Concen: 19.018 ug/l
 RT: 7.75 min Scan# 1858
 Delta R.T. -0.00 min
 Lab File: VN062675.D
 Acq: 31 Jul 2020 10:55

Tgt Ion	Ratio	Lower	Upper
75	100		
110	31.6	16.0	48.0
77	31.1	24.6	36.8





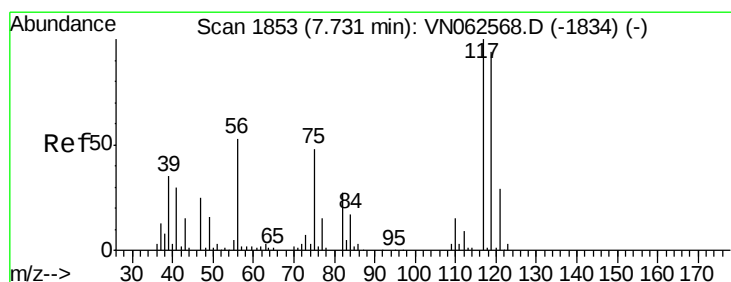
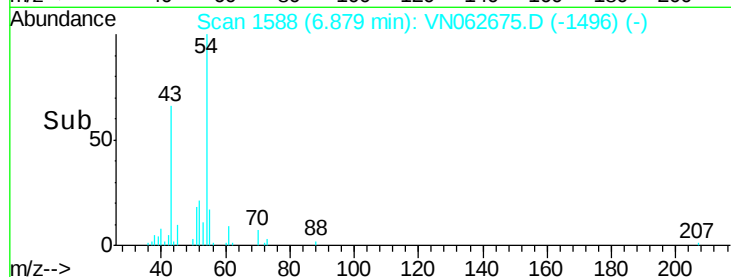
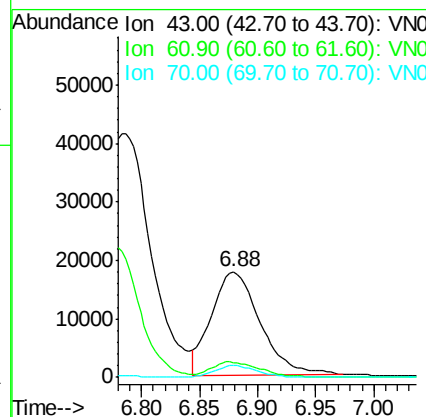
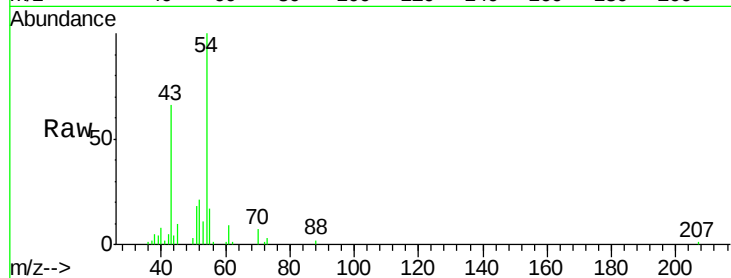
#37
Ethyl Acetate
Concen: 17.310 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.00 min
Lab File: VN062675.D
Acq: 31 Jul 2020 10:55

Instrument :
MSVOA_N
ClientSampleId :
VN0731WBS01

Tot Ion	43	Resp	52482
Ion Ratio	100	Lower	Upper
43	100		
61	14.7	11.3	16.9
70	9.8	7.7	11.5

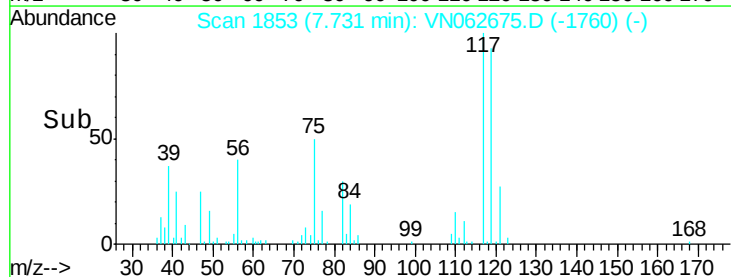
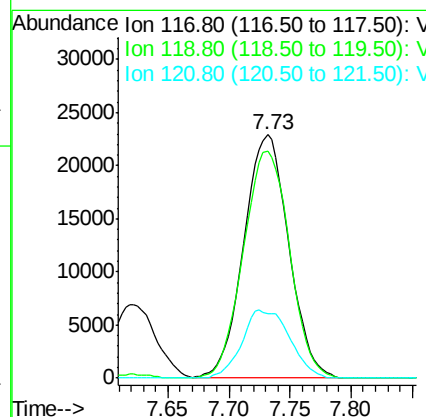
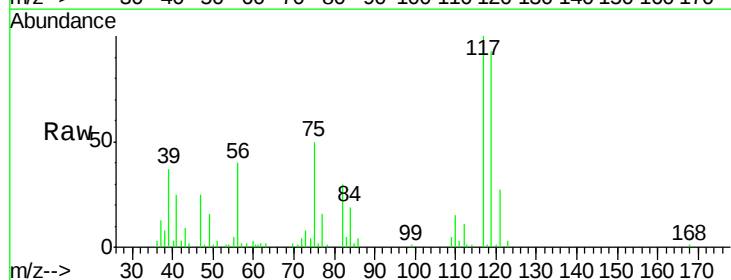
Manual Integrations
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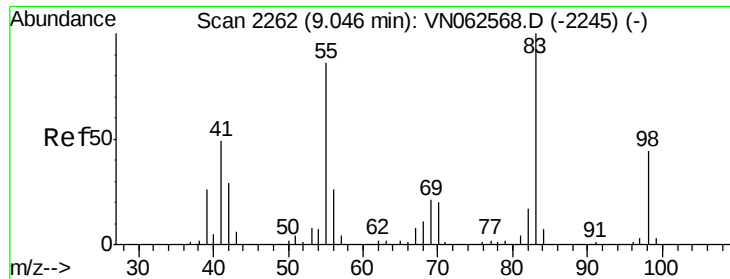
MMDadoda
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#38
Carbon Tetrachloride
Concen: 21.624 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. 0.00 min
Lab File: VN062675.D
Acq: 31 Jul 2020 10:55

Tgt Ion	117	Resp	58463
Ion Ratio	100	Lower	Upper
117	100		
119	93.4	74.8	112.2
121	26.7	23.0	34.6





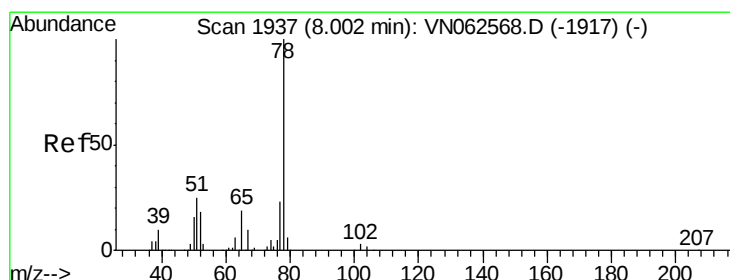
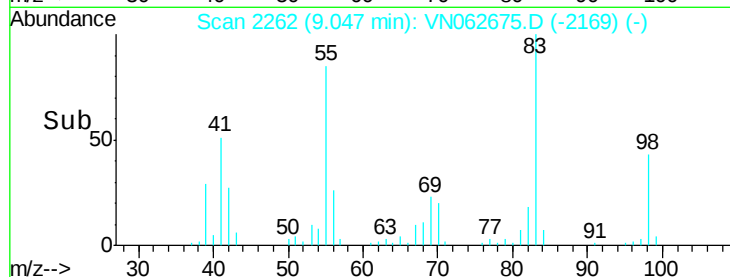
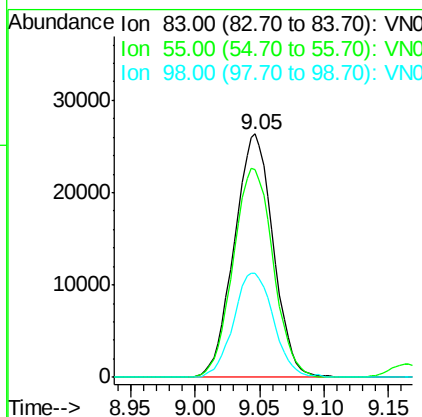
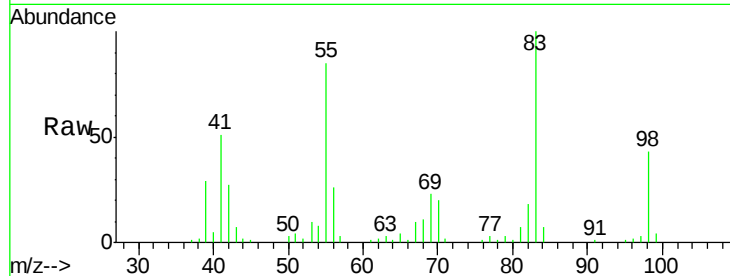
#39
Methvlcvclohexane
Concen: 18.290 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VN062675.D
Acq: 31 Jul 2020 10:55

Instrument :
MSVOA_N
ClientSampleId :
VN0731WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	85.2	68.9	103.3
98	42.6	35.1	52.7

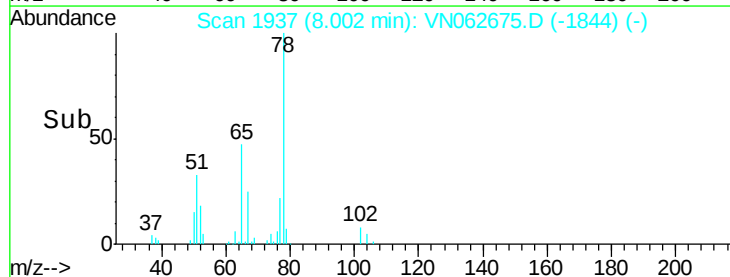
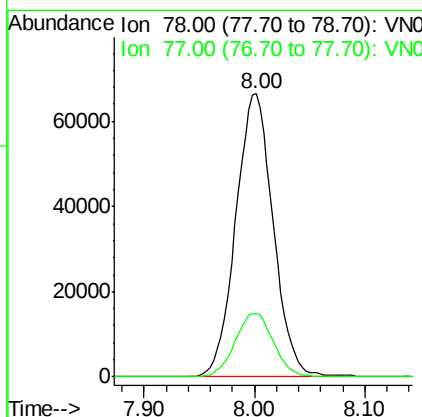
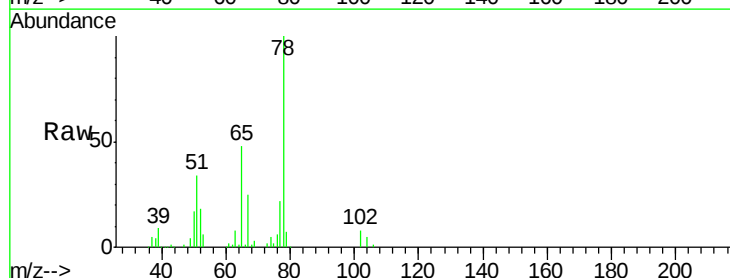
Manual Integrations
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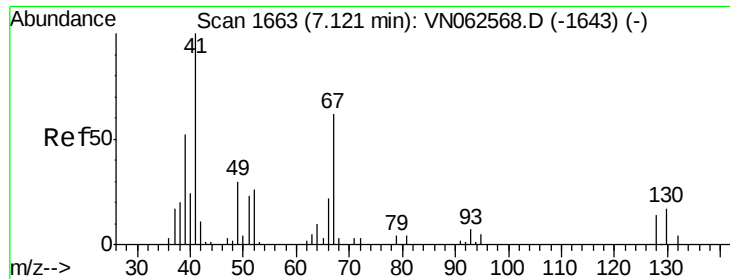
MMDadoda
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#40
Benzene
Concen: 18.335 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VN062675.D
Acq: 31 Jul 2020 10:55

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.3	18.7	28.1





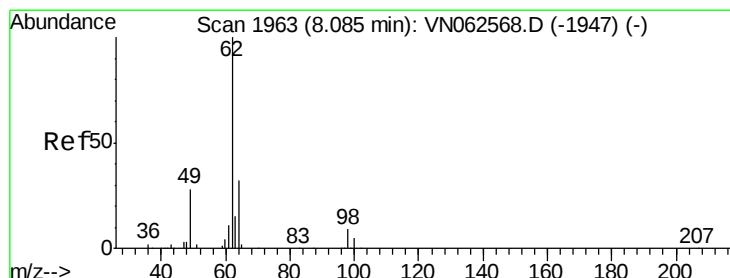
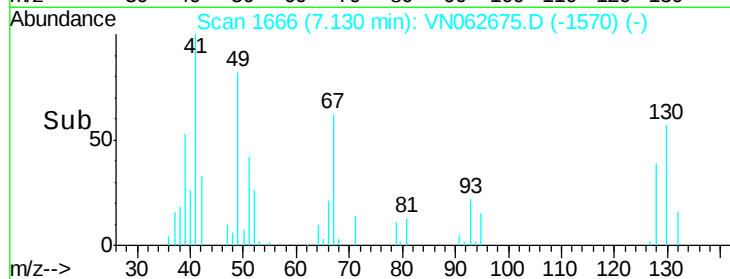
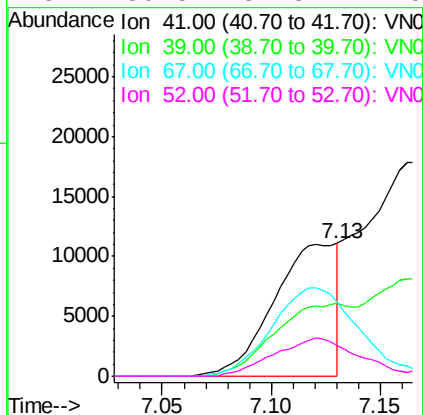
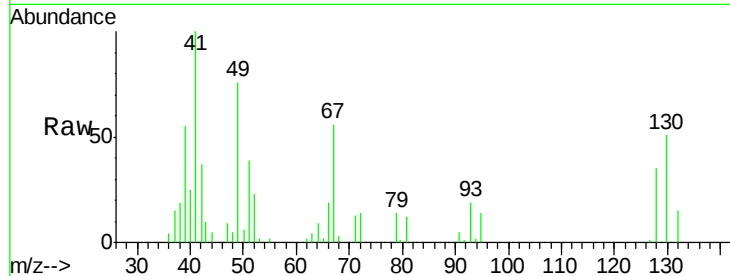
#41
Methacrylonitrile
Concen: 17.175 ug/l m
RT: 7.13 min Scan# 1666
Delta R.T. 0.01 min
Lab File: VN062675.D
Acq: 31 Jul 2020 10:55

Instrument :
MSVOA_N
ClientSampleId :
VN0731WBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	64.6	55.8	83.6
67	90.6	72.5	108.7
52	39.5	31.8	47.8

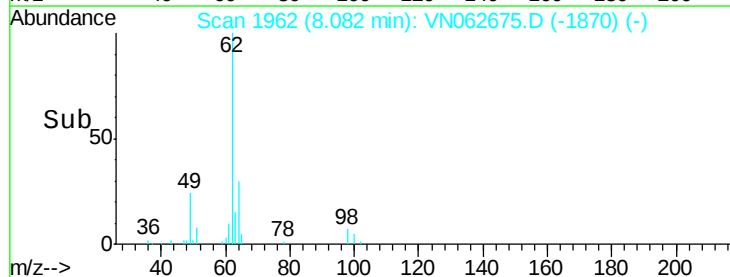
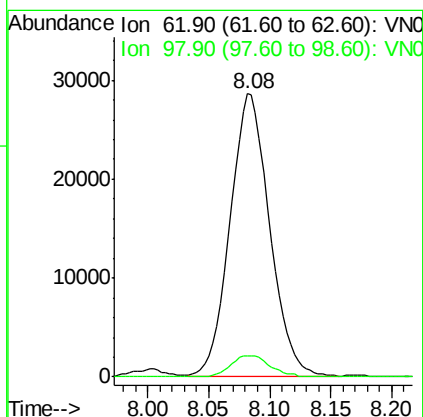
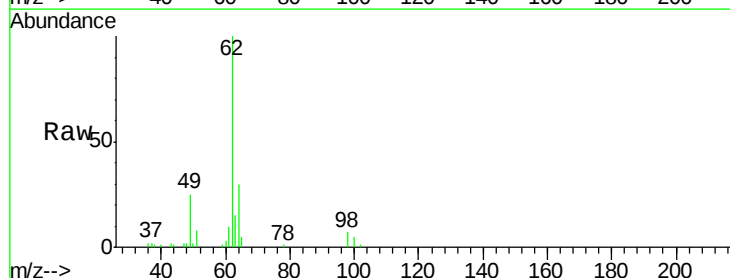
Manual Integrations
APPROVED

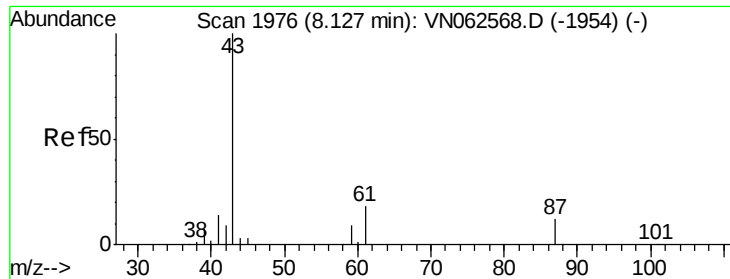
MMDadoda
8/3/2020 9:31:55 AM



#42
1,2-Dichloroethane
Concen: 20.761 ug/l
RT: 8.08 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VN062675.D
Acq: 31 Jul 2020 10:55

Tgt Ion	Ratio	Lower	Upper
62	100		
98	7.4	0.0	16.2





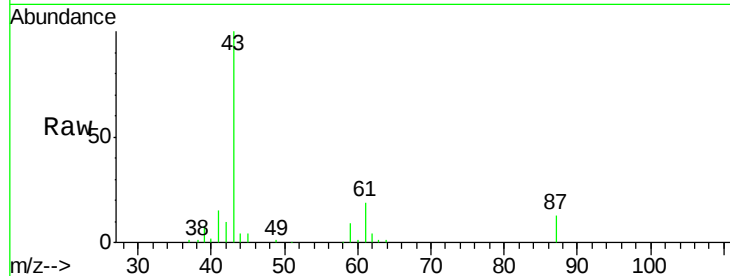
#43
Isopropyl Acetate
Concen: 17.689 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN062675.D
Acq: 31 Jul 2020 10:55

Instrument :
MSVOA_N
ClientSampleId :
VN0731WBS01

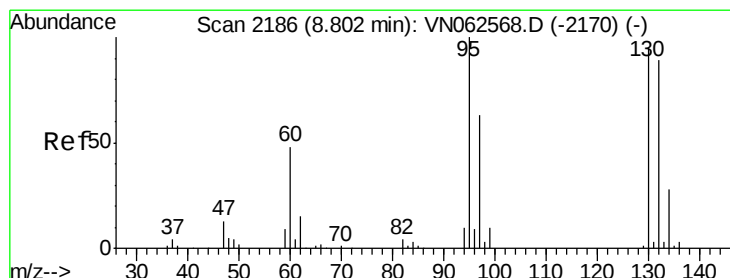
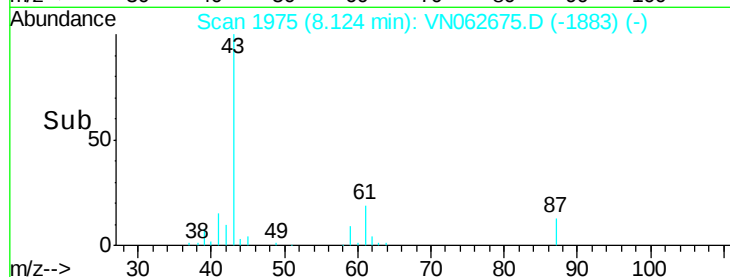
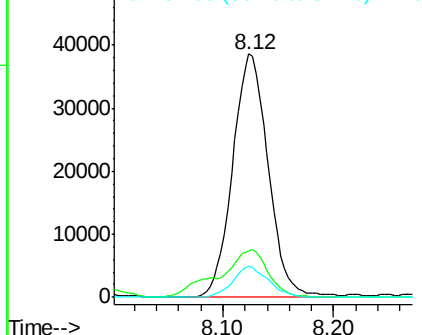
Tot Ion	Ratio	Lower	Upper
43	100		
61	19.8	20.8	31.2#
87	12.6	9.2	13.8

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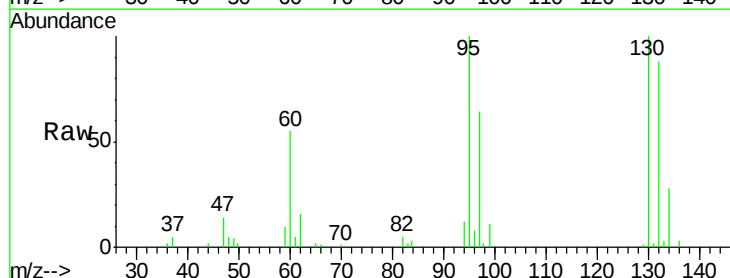


Abundance Ion 43.00 (42.70 to 43.70): VN062568.D (-1954) (-)
Ion 61.00 (60.70 to 61.70): VN062568.D (-1954) (-)
Ion 87.00 (86.70 to 87.70): VN062568.D (-1954) (-)

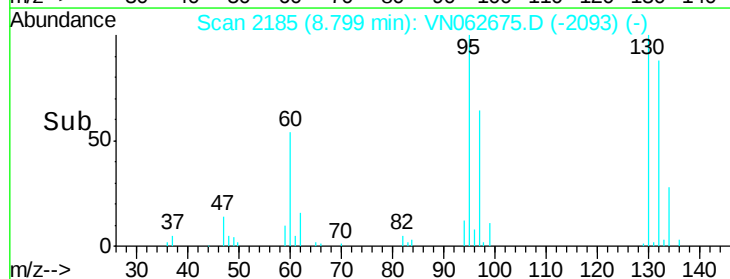
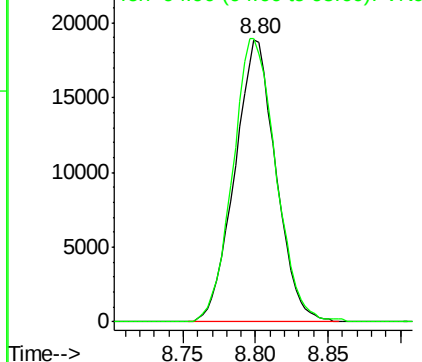


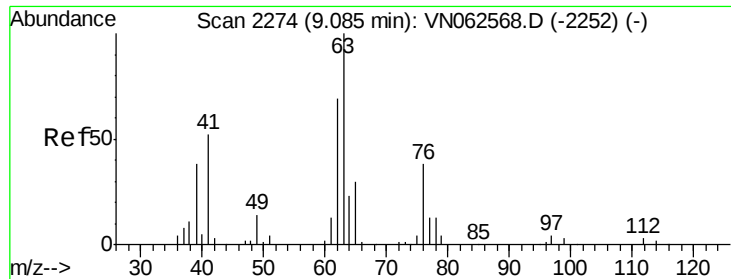
#44
Trichloroethene
Concen: 19.320 ug/l
RT: 8.80 min Scan# 2185
Delta R.T. -0.00 min
Lab File: VN062675.D
Acq: 31 Jul 2020 10:55

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.0	0.0	210.4



Abundance Ion 129.80 (129.50 to 130.50): VN062568.D (-2170) (-)
Ion 94.90 (94.60 to 95.60): VN062568.D (-2170) (-)





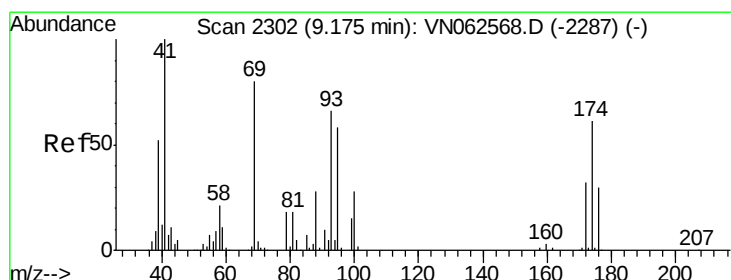
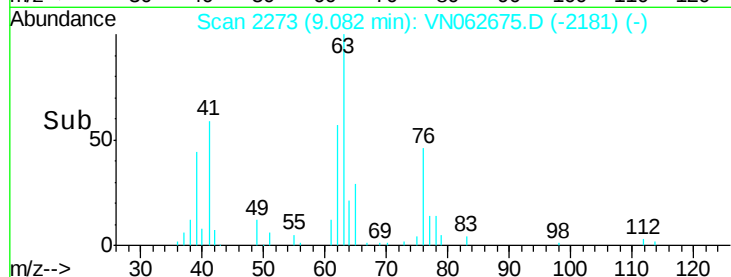
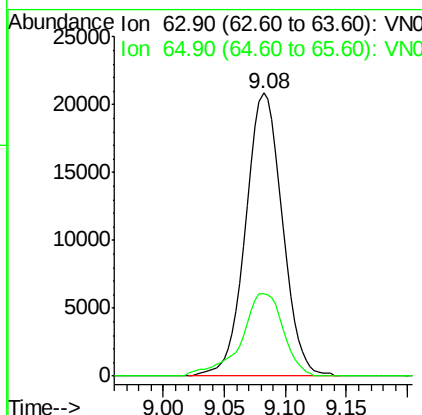
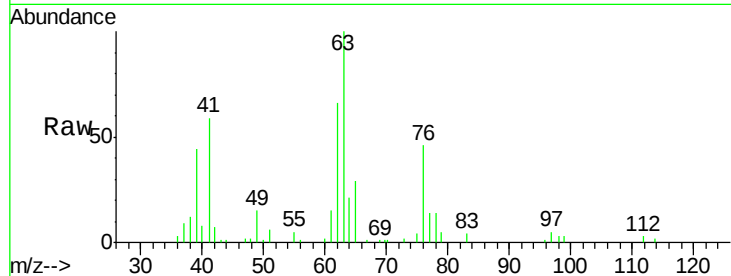
#45
 1,2-Dichloropropane
 Concen: 18.150 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: VN062675.D
 Acq: 31 Jul 2020 10:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0731WBS01

Tot Ion: 63 Resp: 43393
 Ion Ratio Lower Upper
 63 100
 65 29.3 24.4 36.6

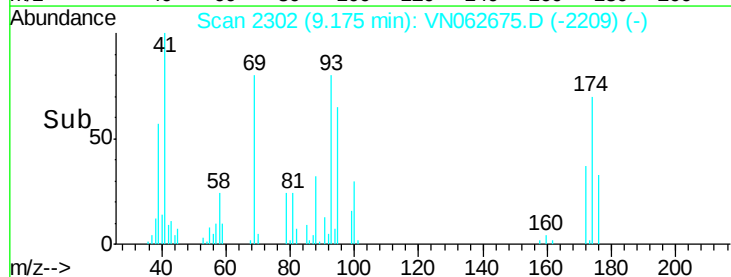
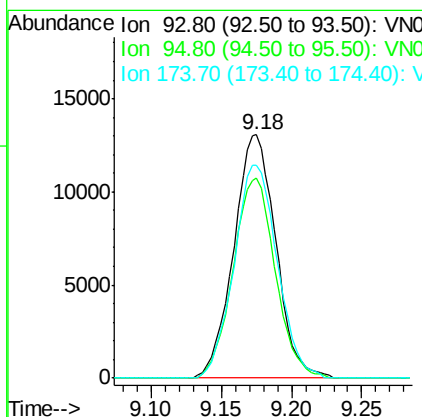
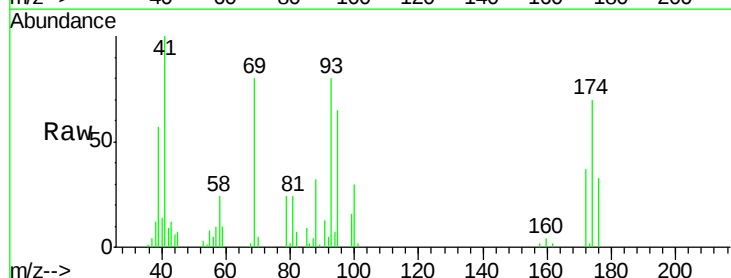
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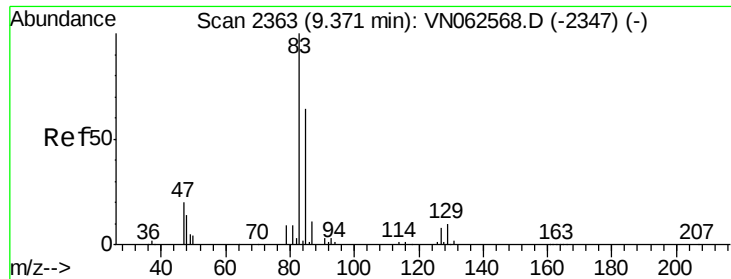
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#46
 Dibromomethane
 Concen: 19.728 ug/l
 RT: 9.18 min Scan# 2302
 Delta R.T. 0.00 min
 Lab File: VN062675.D
 Acq: 31 Jul 2020 10:55

Tgt Ion: 93 Resp: 27260
 Ion Ratio Lower Upper
 93 100
 95 82.4 67.6 101.4
 174 90.1 72.5 108.7





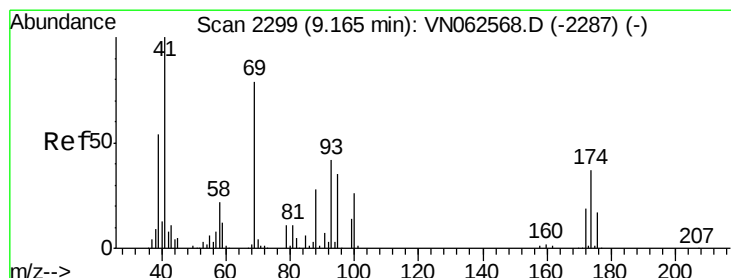
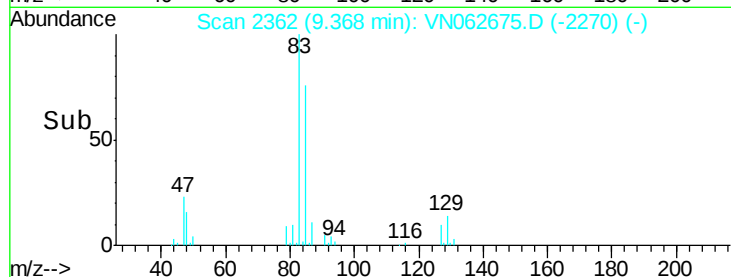
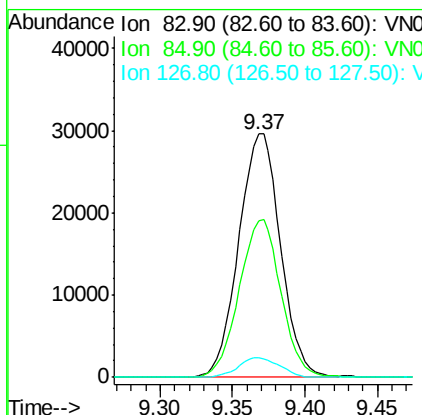
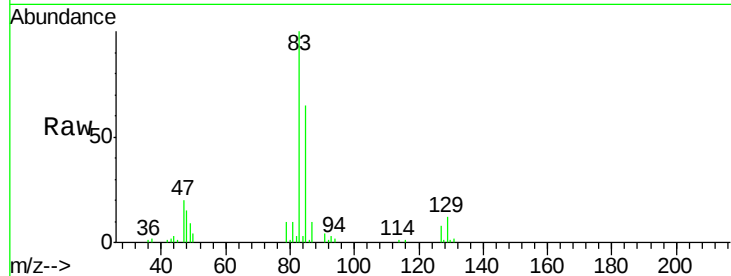
#47
Bromodichloromethane
Concen: 19.790 ug/l
RT: 9.37 min Scan# 2362
Delta R.T. -0.00 min
Lab File: VN062675.D
Acq: 31 Jul 2020 10:55

Instrument :
MSVOA_N
ClientSampleId :
VN0731WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
85	64.5	51.6	77.4
127	8.2	6.2	9.2

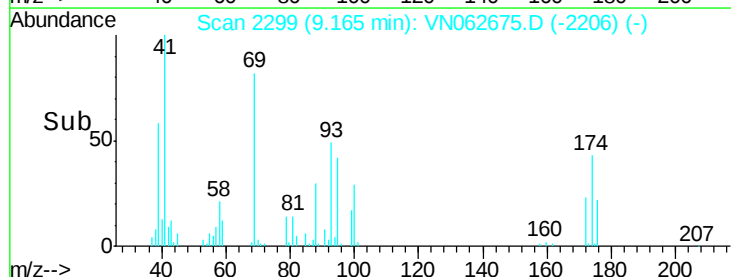
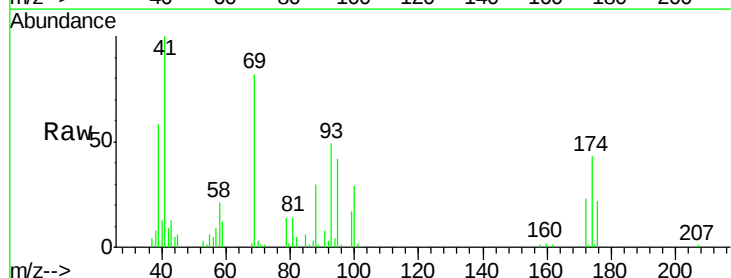
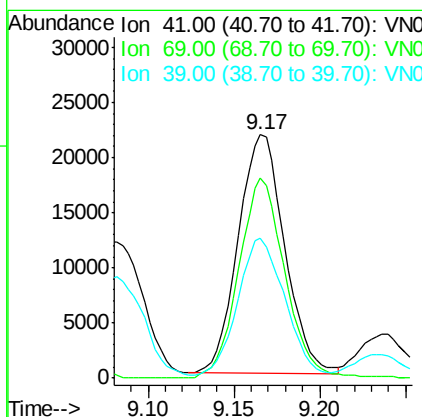
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#48
Methyl methacrylate
Concen: 17.635 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. 0.00 min
Lab File: VN062675.D
Acq: 31 Jul 2020 10:55

Tgt Ion	Ratio	Lower	Upper
41	100		
69	82.6	64.4	96.6
39	58.2	43.5	65.3





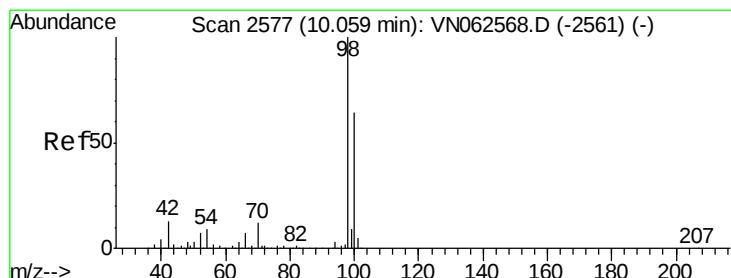
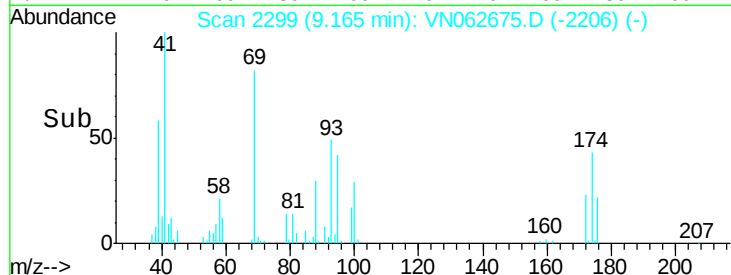
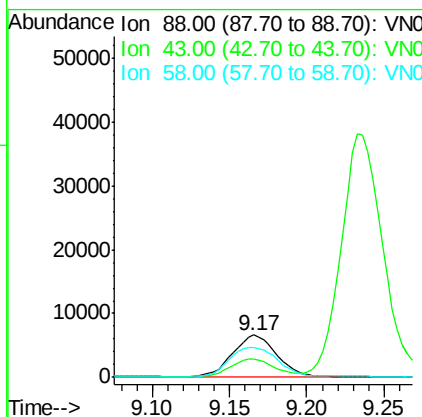
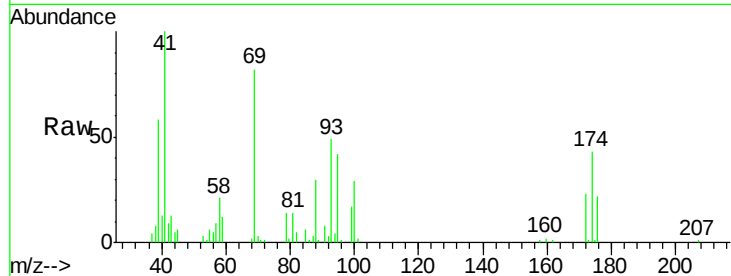
#49
1,4-Dioxane
Concen: 375.034 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. 0.00 min
Lab File: VN062675.D
Acq: 31 Jul 2020 10:55

Instrument :
MSVOA_N
ClientSampleId :
VN0731WBS01

Tot Ion	88	Resp	13383
Ion	Ratio	Lower	Upper
88	100		
43	43.7	32.0	48.0
58	76.6	62.8	94.2

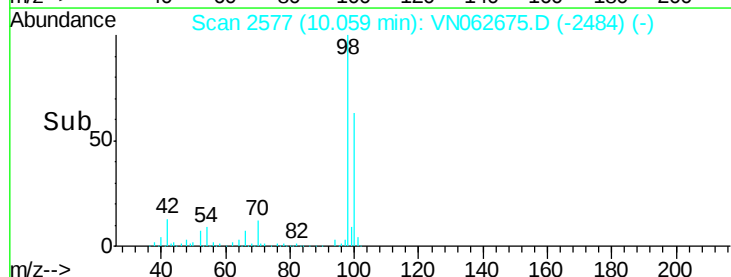
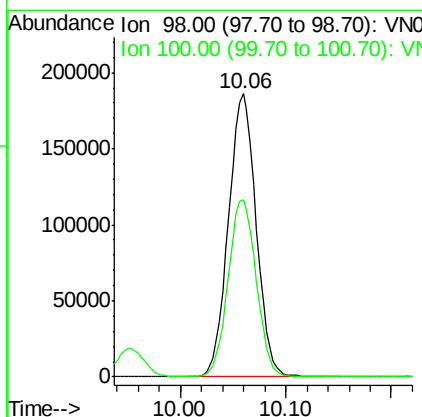
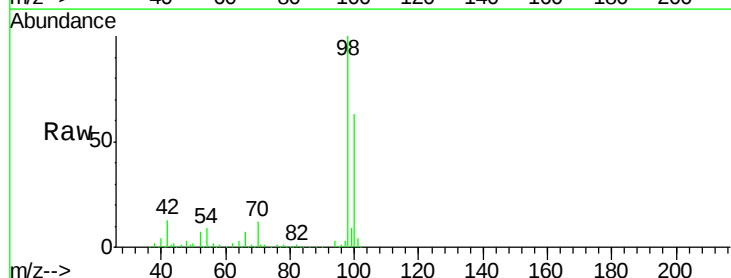
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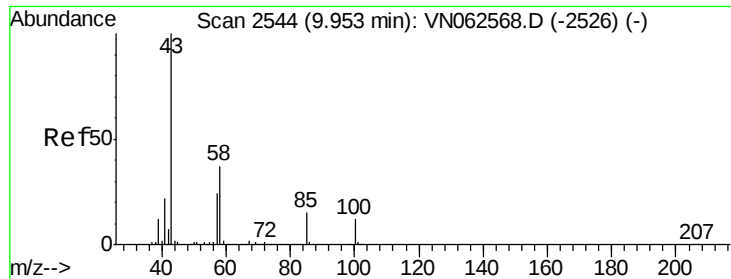
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#50
Toluene-d8
Concen: 48.843 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN062675.D
Acq: 31 Jul 2020 10:55

Tgt Ion	98	Resp	337786
Ion	Ratio	Lower	Upper
98	100		
100	63.5	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 91.224 ug/l

RT: 9.95 min Scan# 2543

Delta R.T. -0.00 min

Lab File: VN062675.D

Acq: 31 Jul 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

VN0731WBS01

Tot Ion: 43 Resp: 266779

Ion Ratio Lower Upper

43 100

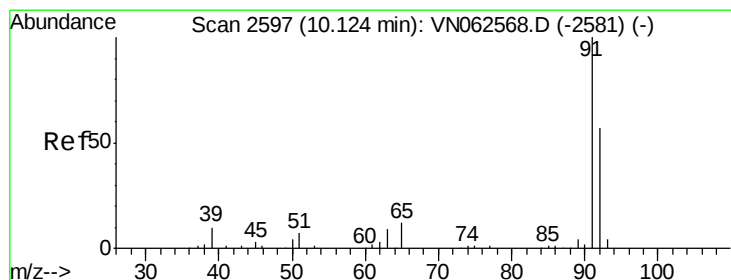
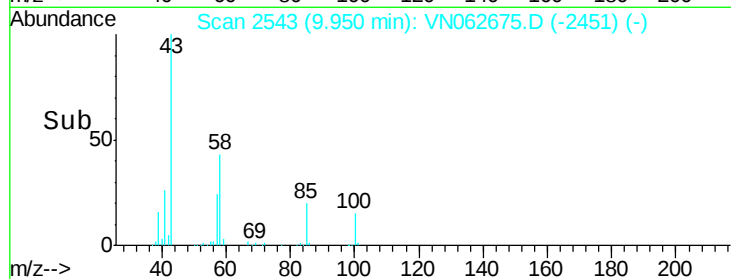
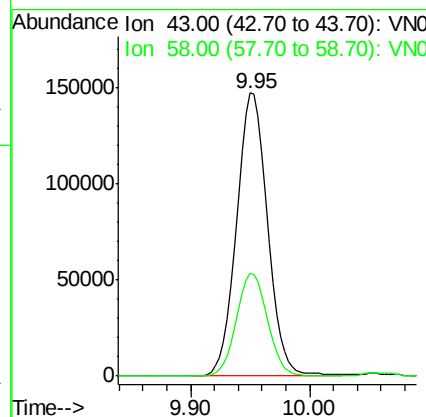
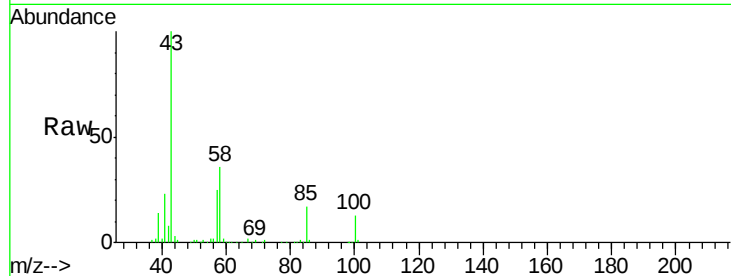
58 36.4 29.8 44.6

Manual Integrations

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#52

Toluene

Concen: 19.124 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. 0.00 min

Lab File: VN062675.D

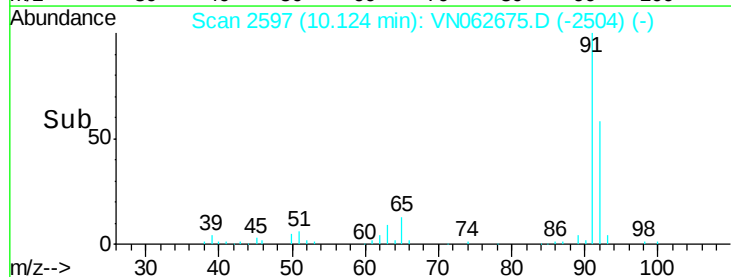
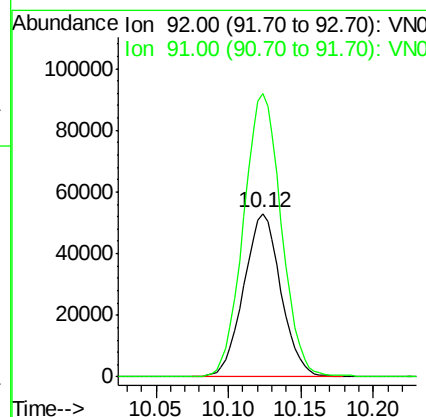
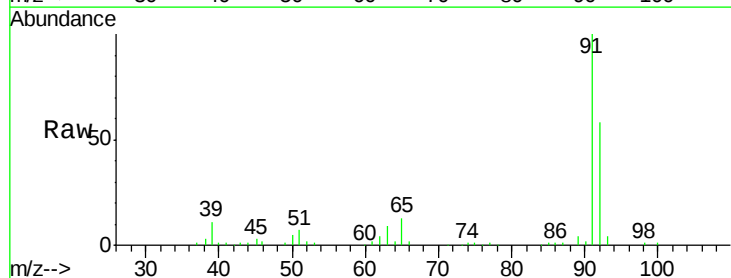
Acq: 31 Jul 2020 10:55

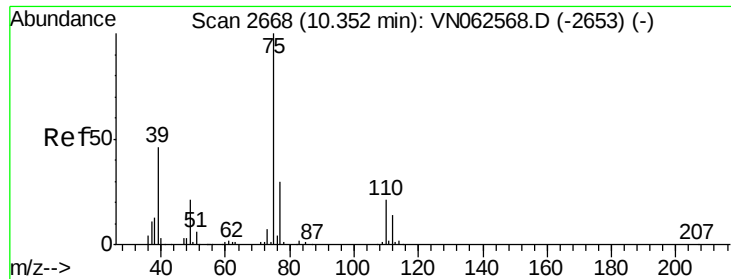
Tgt Ion: 92 Resp: 94559

Ion Ratio Lower Upper

92 100

91 176.8 139.4 209.2





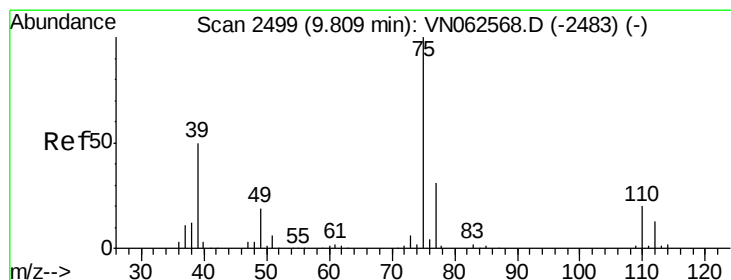
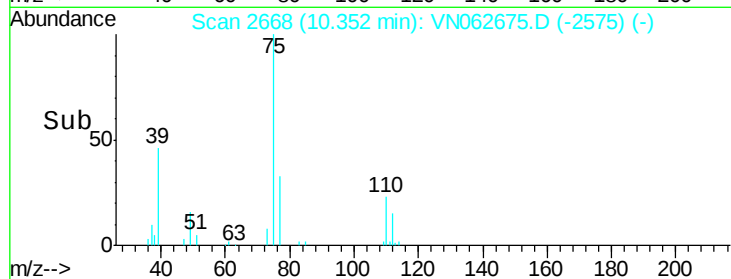
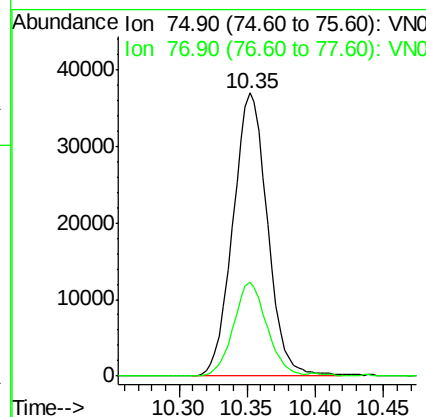
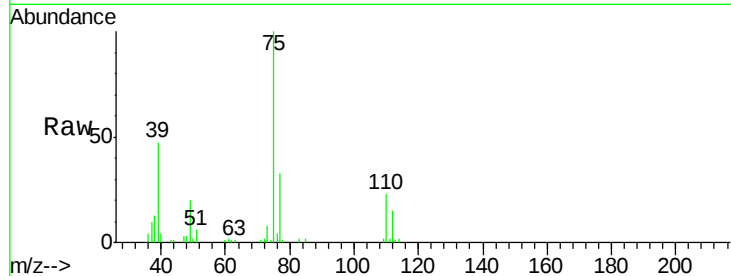
#53
t-1,3-Dichloropropene
Concen: 19.464 ug/l
RT: 10.35 min Scan# 2668
Delta R.T. 0.00 min
Lab File: VN062675.D
Acq: 31 Jul 2020 10:55

Instrument :
MSVOA_N
ClientSampleId :
VN0731WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	33.1	24.3	36.5

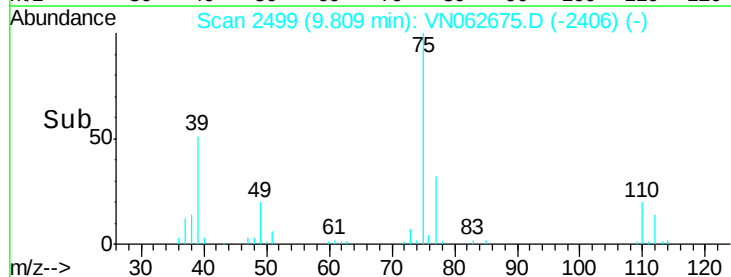
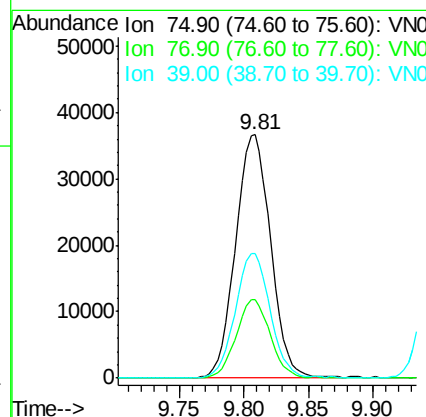
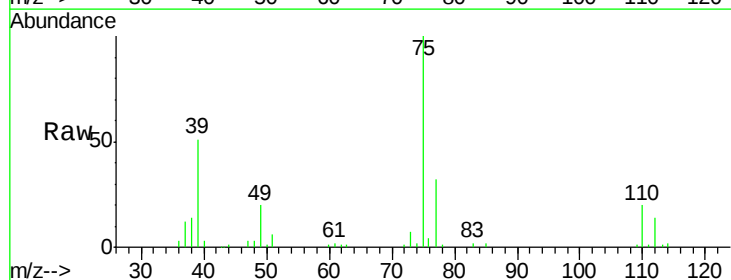
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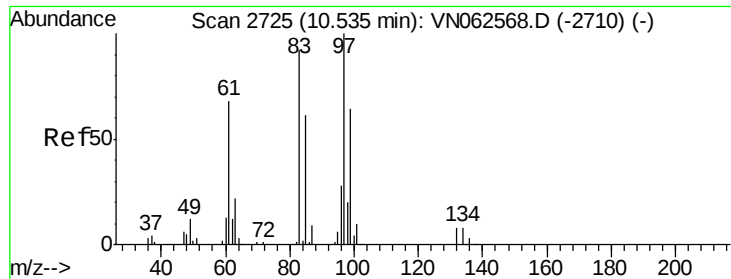
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#54
cis-1,3-Dichloropropene
Concen: 19.368 ug/l
RT: 9.81 min Scan# 2499
Delta R.T. 0.00 min
Lab File: VN062675.D
Acq: 31 Jul 2020 10:55

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.4	25.0	37.6
39	51.1	39.8	59.8





#55

1,1,2-Trichloroethane

Concen: 19.630 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.00 min

Lab File: VN062675.D

Acq: 31 Jul 2020 10:55

Instrument :

MSVOA_N

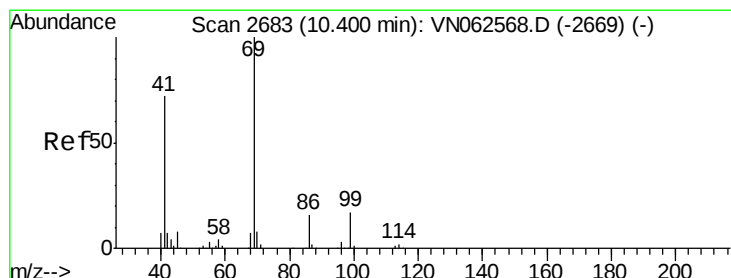
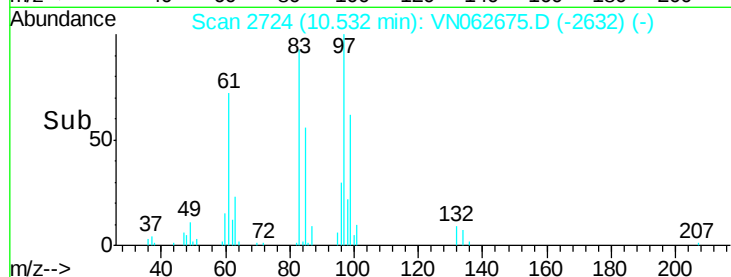
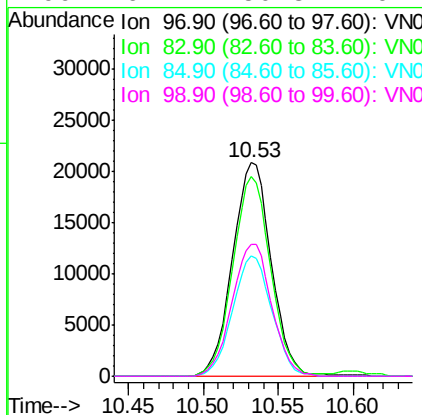
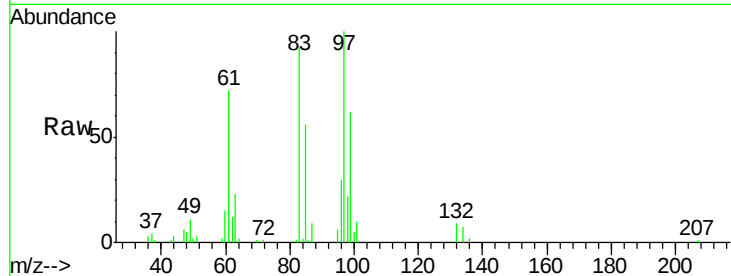
ClientSampleId :

VN0731WBS01

Tot Ion:	97	Resp:	37649
Ion	Ratio	Lower	Upper
97	100		
83	93.3	73.7	110.5
85	56.3	48.5	72.7
99	61.7	50.8	76.2

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#56

Ethyl methacrylate

Concen: 17.909 ug/l

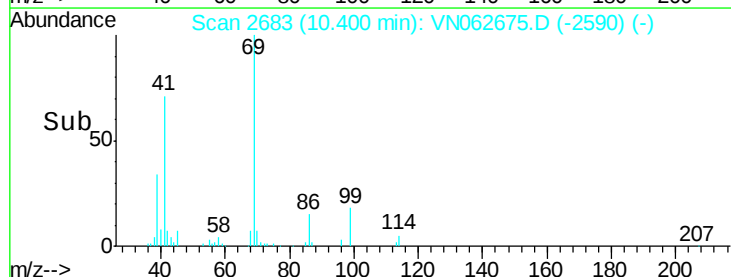
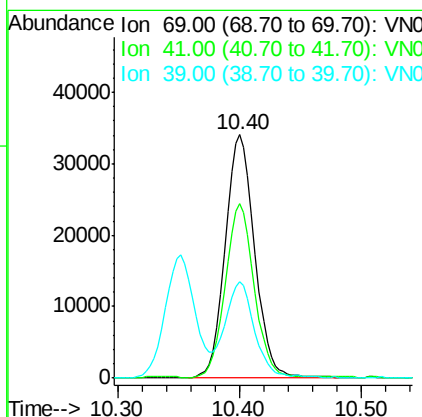
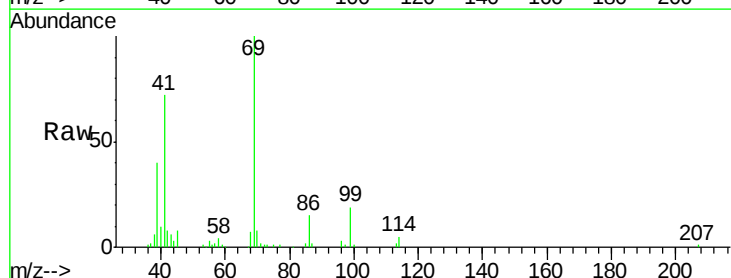
RT: 10.40 min Scan# 2683

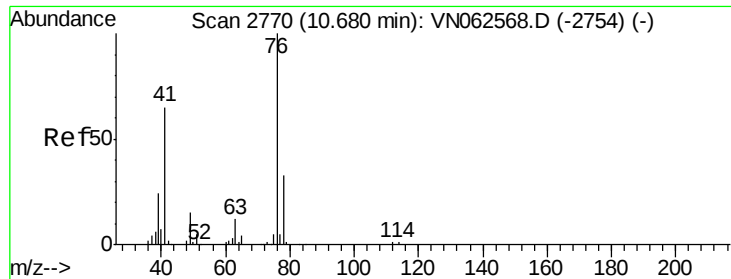
Delta R.T. 0.00 min

Lab File: VN062675.D

Acq: 31 Jul 2020 10:55

Tgt Ion:	69	Resp:	57622
Ion	Ratio	Lower	Upper
69	100		
41	70.6	57.2	85.8
39	39.7	28.6	43.0





#57

1,3-Dichloropropane

Concen: 18.848 ug/l

RT: 10.68 min Scan# 2769

Delta R.T. -0.00 min

Lab File: VN062675.D

Acq: 31 Jul 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

VN0731WBS01

Tot Ion: 76 Resp: 66226

Ion Ratio Lower Upper

76 100

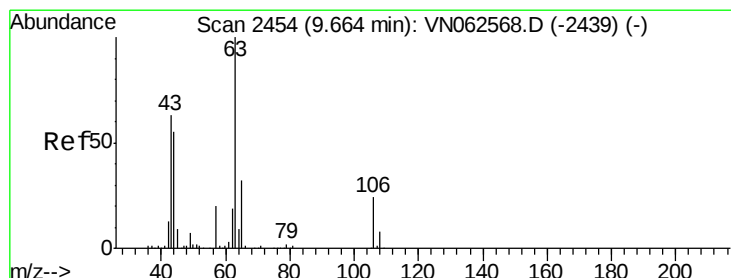
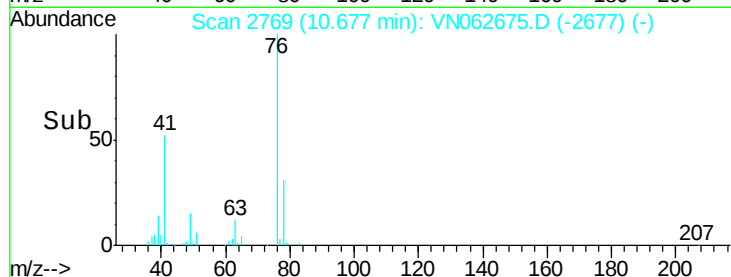
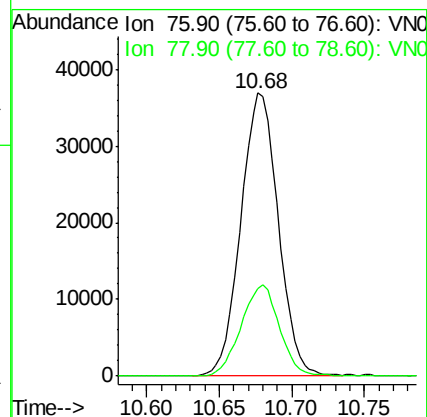
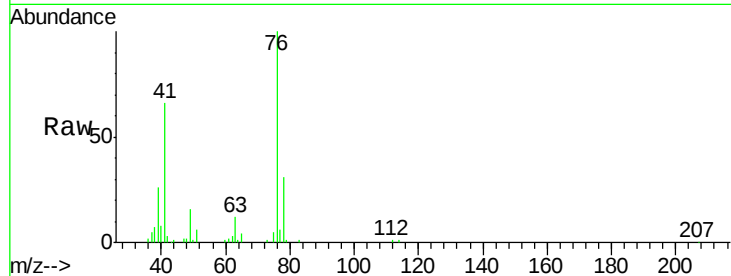
78 32.8 26.3 39.5

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#58

2-Chloroethyl Vinyl ether

Concen: 88.157 ug/l

RT: 9.66 min Scan# 2454

Delta R.T. 0.00 min

Lab File: VN062675.D

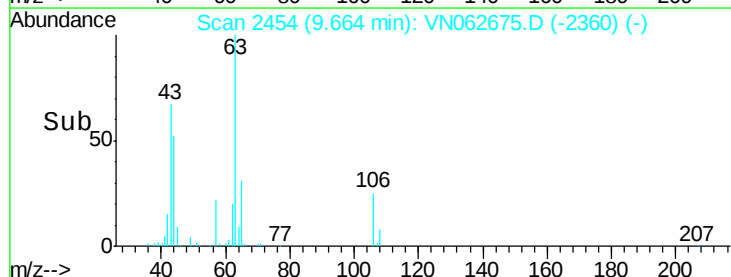
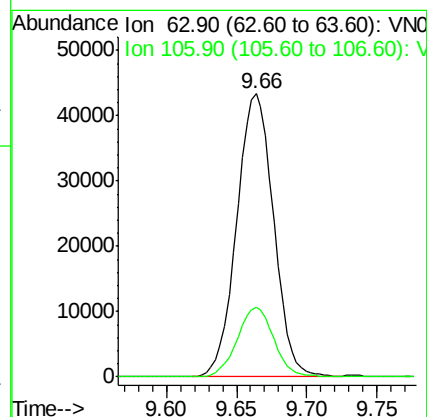
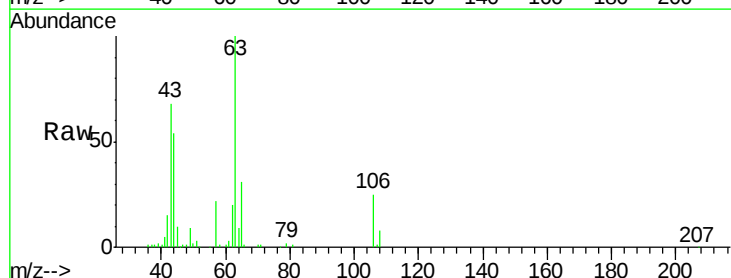
Acq: 31 Jul 2020 10:55

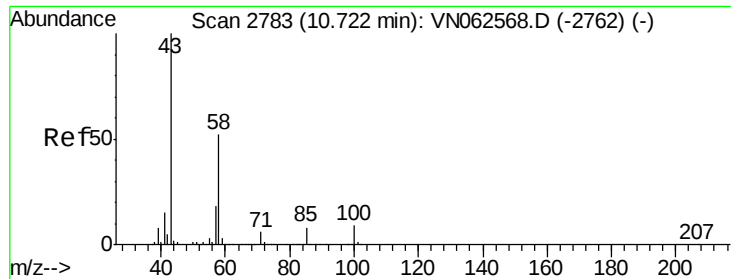
Tgt Ion: 63 Resp: 79481

Ion Ratio Lower Upper

63 100

106 24.3 18.9 28.3





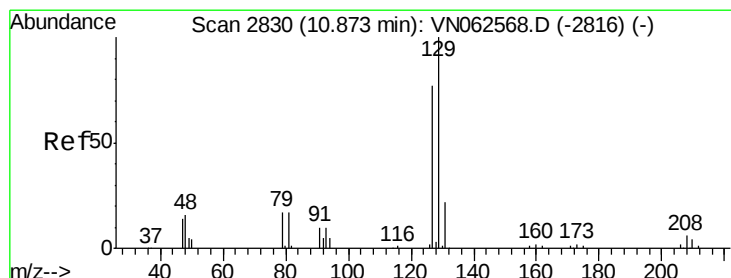
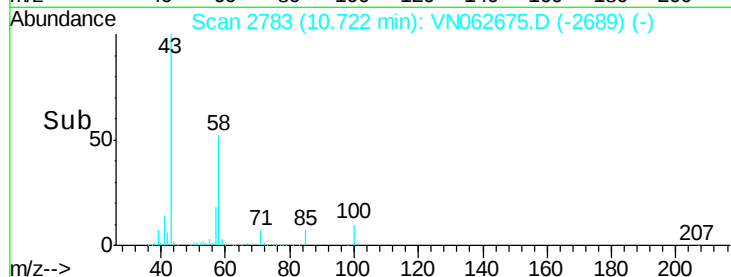
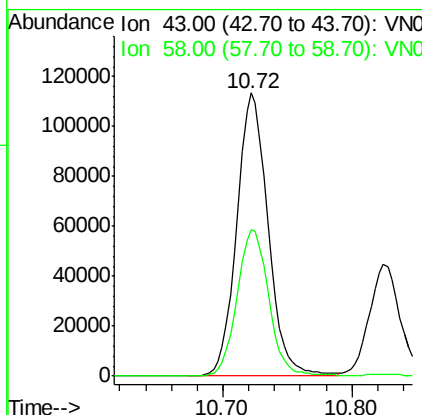
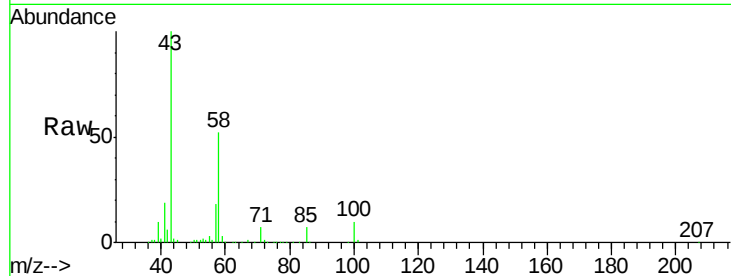
#59
2-Hexanone
Concen: 86.403 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VN062675.D
Acq: 31 Jul 2020 10:55

Instrument :
MSVOA_N
ClientSampleId :
VN0731WBS01

Tot Ion	43	Resp	190983
Ion Ratio	43	100	
Lower	58	52.7	26.0
Upper			78.0

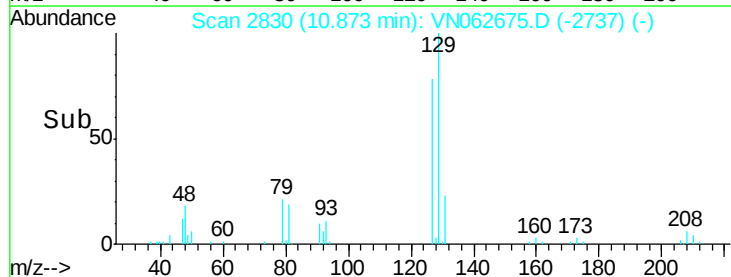
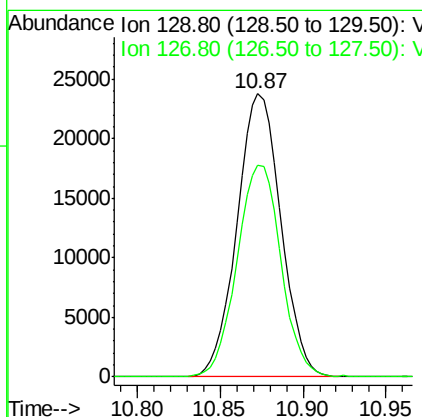
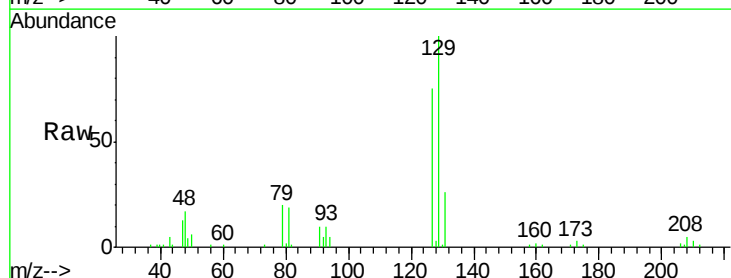
Manual Integrations
APPROVED

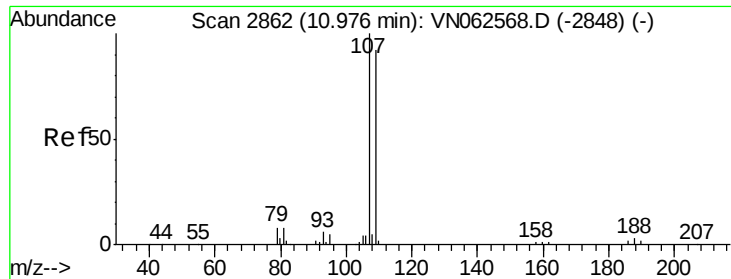
MMDadoda
8/3/2020 9:31:55 AM



#60
Dibromochloromethane
Concen: 20.447 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. 0.00 min
Lab File: VN062675.D
Acq: 31 Jul 2020 10:55

Tgt Ion	129	Resp	43749
Ion Ratio	129	100	
Lower	127	74.9	38.0
Upper			113.9





#61

1,2-Dibromoethane

Concen: 18.652 ug/l

RT: 10.98 min Scan# 2863

Delta R.T. 0.00 min

Lab File: VN062675.D

Acq: 31 Jul 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

VN0731WBS01

Tot Ion: 107 Resp: 37251

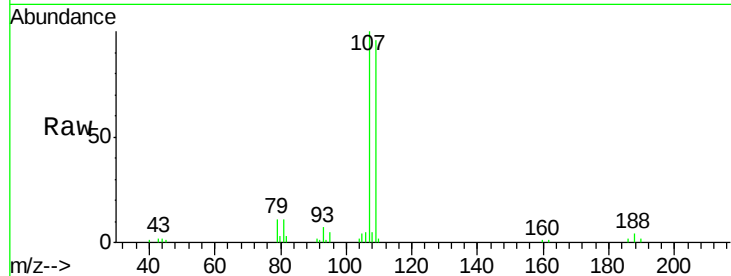
Ion Ratio Lower Upper

107 100

109 96.5 73.8 110.6

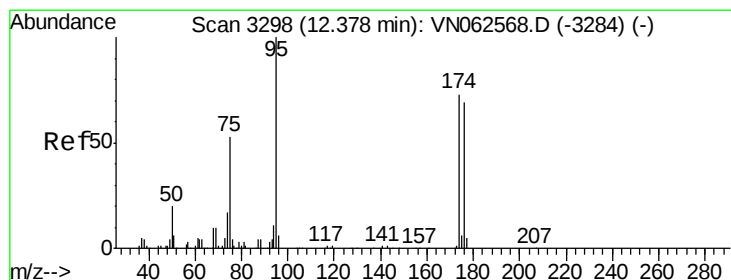
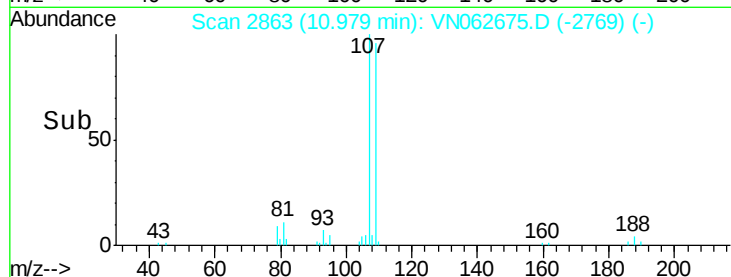
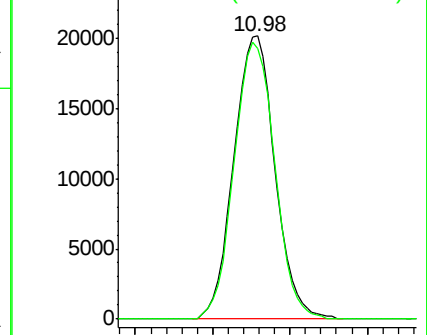
Manual Integrations
APPROVED

MMDadoda
8/3/2020 9:31:55 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.544 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN062675.D

Acq: 31 Jul 2020 10:55

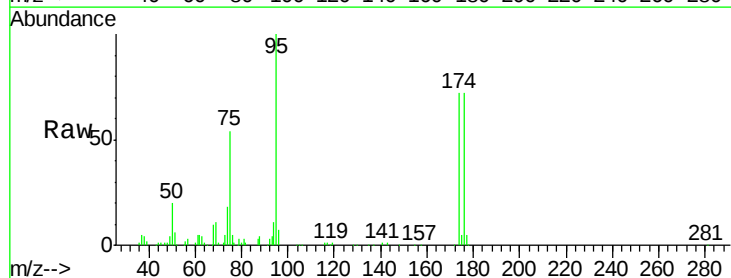
Tgt Ion: 95 Resp: 125281

Ion Ratio Lower Upper

95 100

174 73.3 0.0 144.6

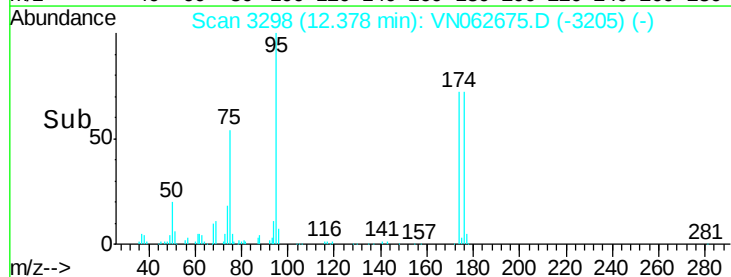
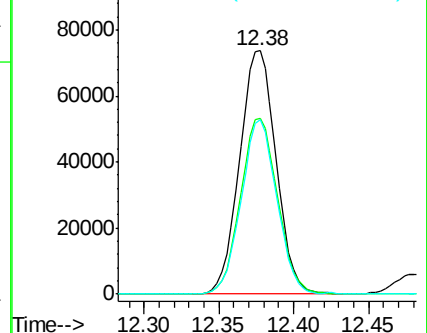
176 69.8 0.0 139.4

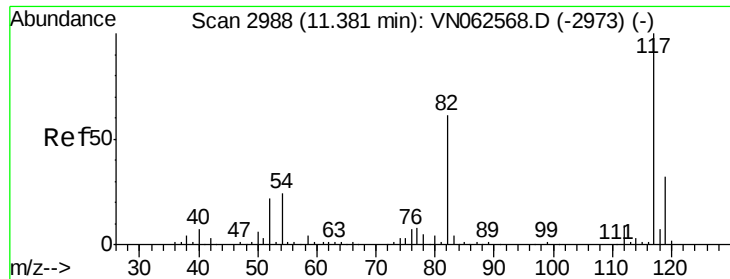


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





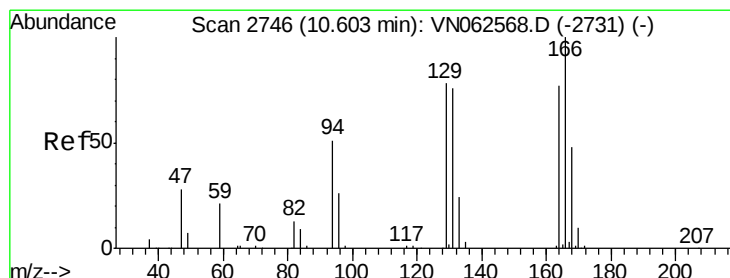
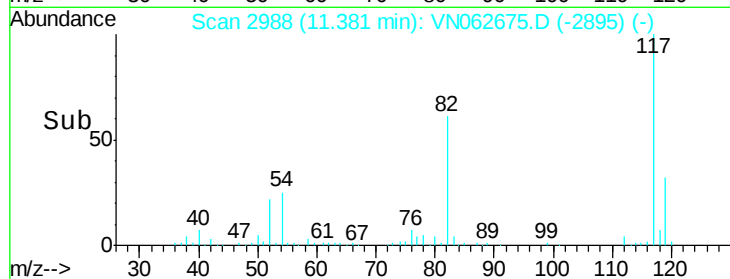
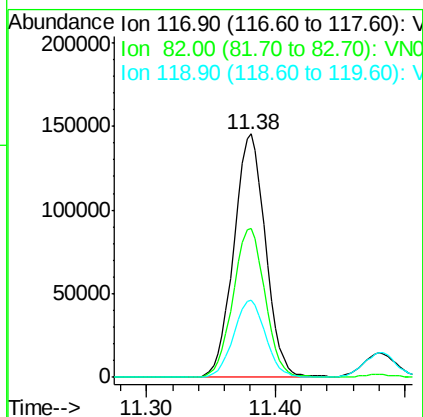
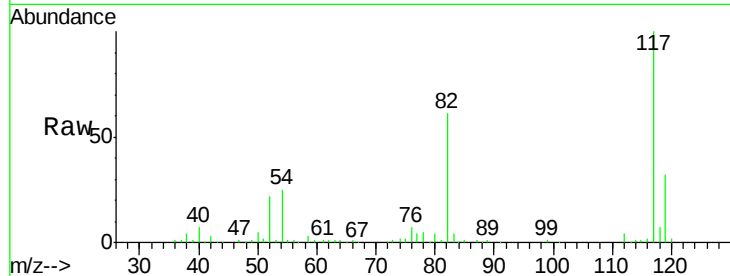
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN062675.D
Acq: 31 Jul 2020 10:55

Instrument :
MSVOA_N
ClientSampleId :
VN0731WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	248610		
82	61.4	49.0	73.6	
119	31.8	25.4	38.2	

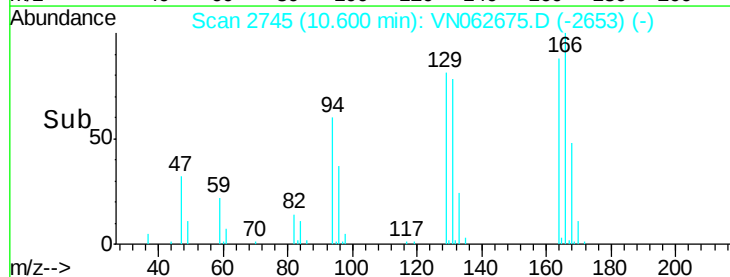
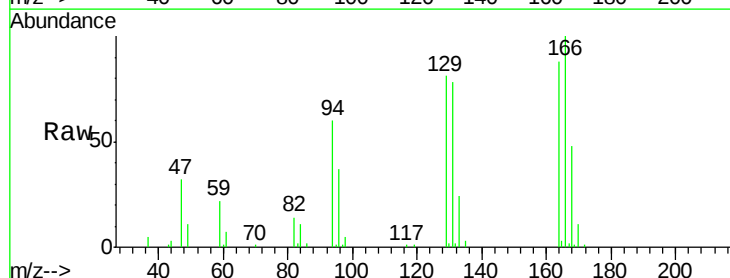
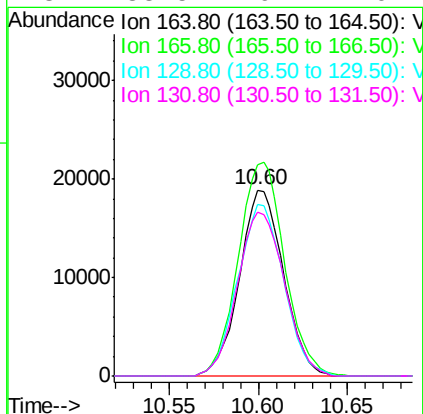
Manual Integrations
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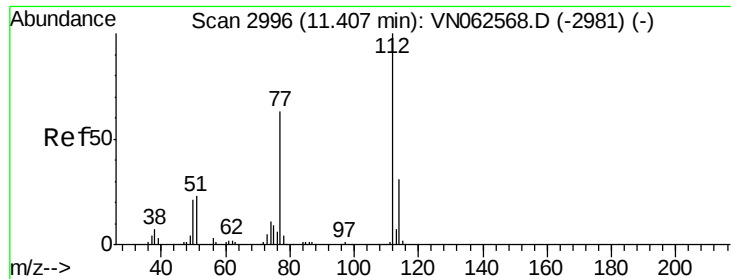
MMDadoda
8/3/2020 9:31:55 AM



#64
Tetrachloroethene
Concen: 20.153 ug/l
RT: 10.60 min Scan# 2745
Delta R.T. -0.00 min
Lab File: VN062675.D
Acq: 31 Jul 2020 10:55

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	32553		
166	113.5	104.4	156.6	
129	92.5	81.0	121.4	
131	88.5	79.4	119.2	





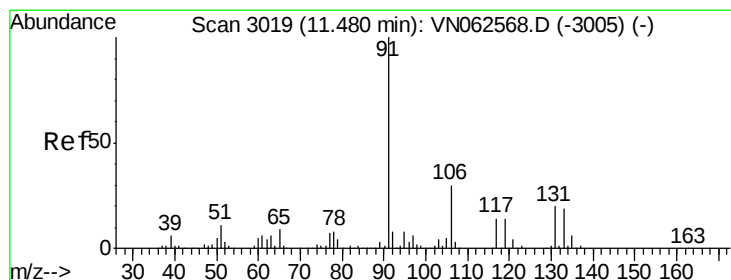
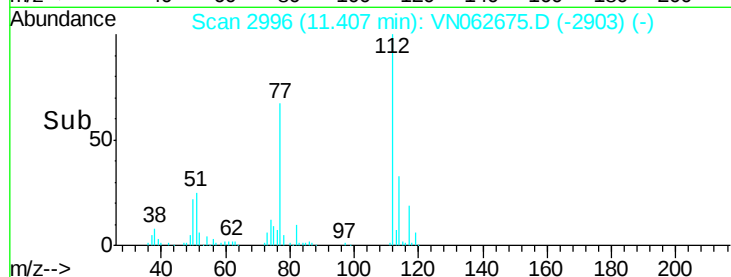
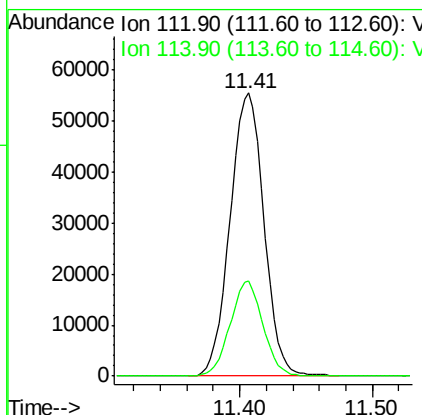
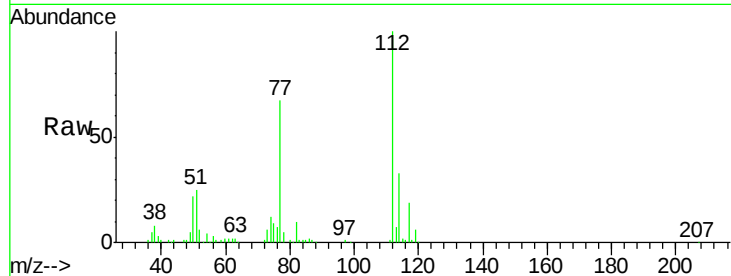
#65
Chlorobenzene
Concen: 18.902 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN062675.D
Acq: 31 Jul 2020 10:55

Instrument :
MSVOA_N
ClientSampleId :
VN0731WBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.4	25.1	37.7

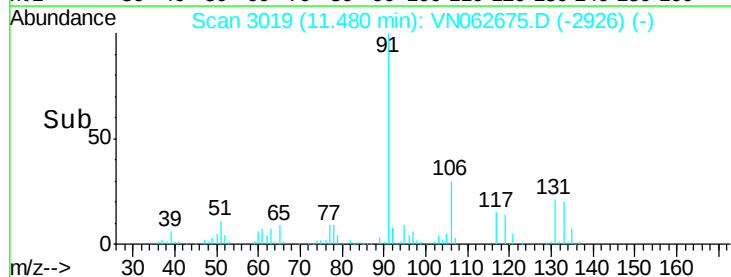
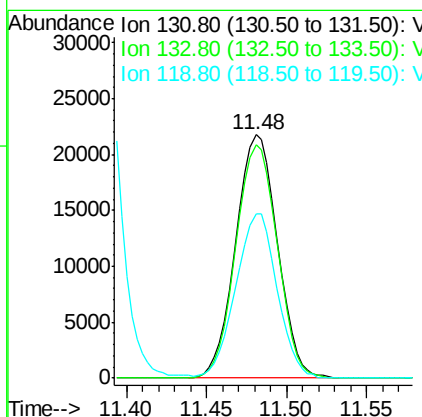
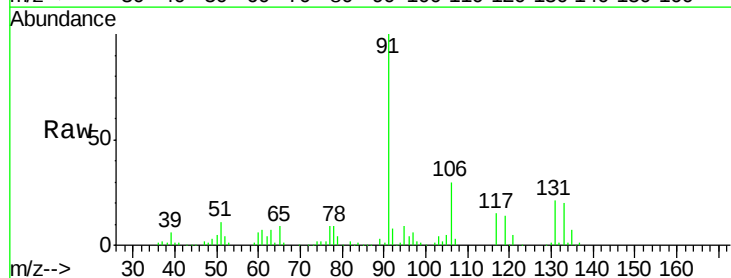
Manual Integrations
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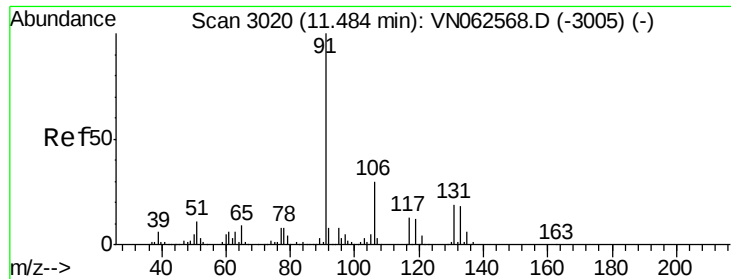
MMDadoda
8/3/2020 9:31:55 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 19.776 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. 0.00 min
Lab File: VN062675.D
Acq: 31 Jul 2020 10:55

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.1	47.3	142.0
119	67.0	33.7	101.0





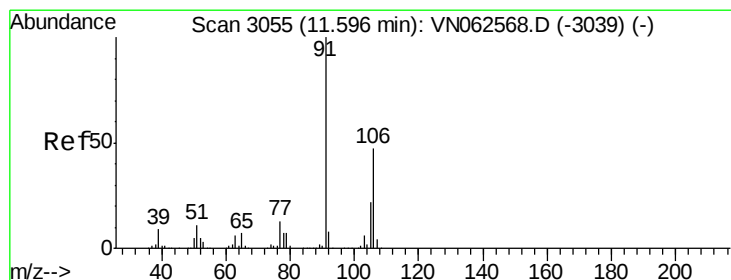
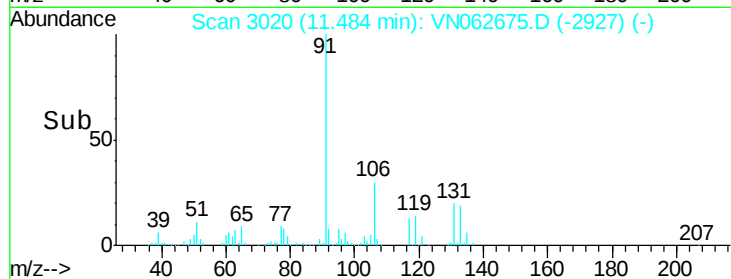
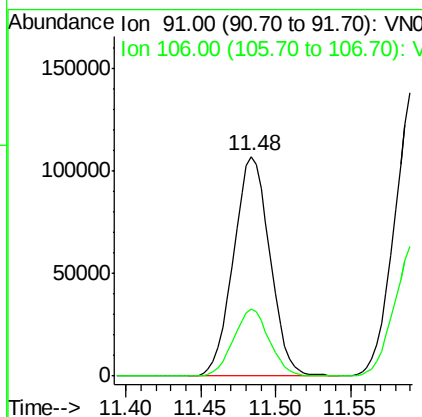
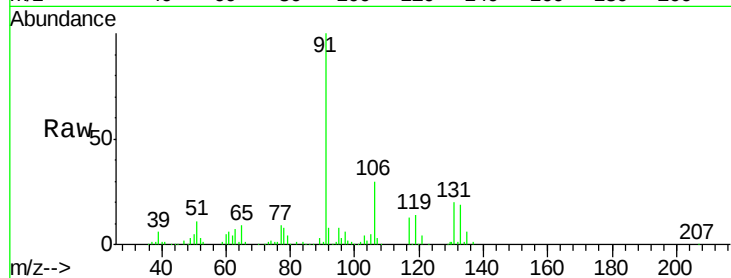
#67
Ethyl Benzene
Concen: 18.959 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN062675.D
Acq: 31 Jul 2020 10:55

Instrument :
MSVOA_N
ClientSampled :
VN0731WBS01

Tot Ion	91	Resp	181177
Ion Ratio	Lower	Upper	
91	100		
106	30.4	23.8	35.8

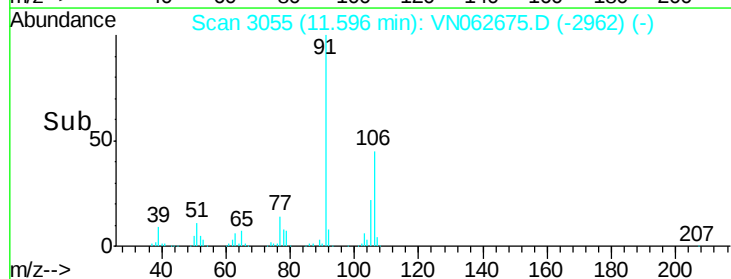
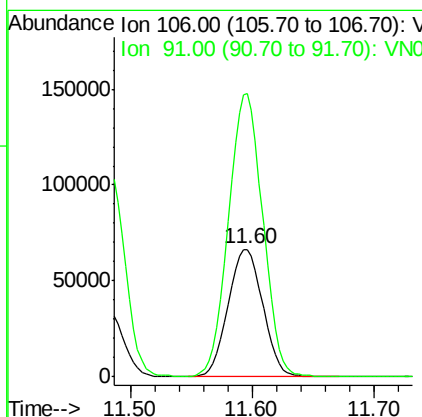
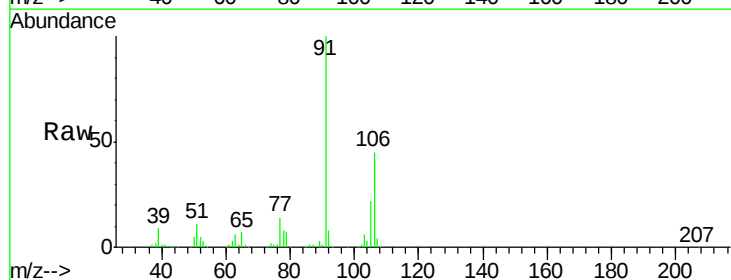
Manual Integrations
APPROVED

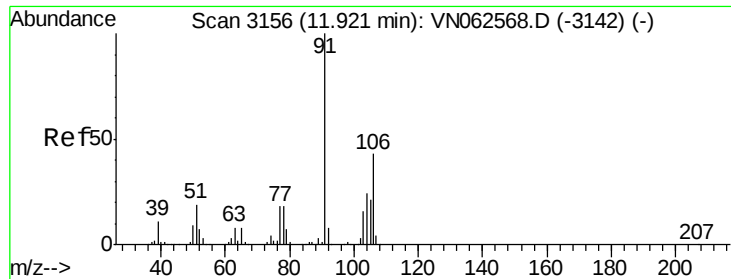
MMDadoda
8/3/2020 9:31:55 AM



#68
m/p-Xylenes
Concen: 38.530 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN062675.D
Acq: 31 Jul 2020 10:55

Tgt Ion	106	Resp	132343
Ion Ratio	Lower	Upper	
106	100		
91	217.2	171.4	257.2





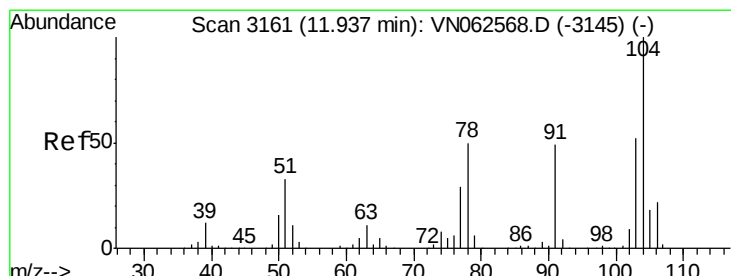
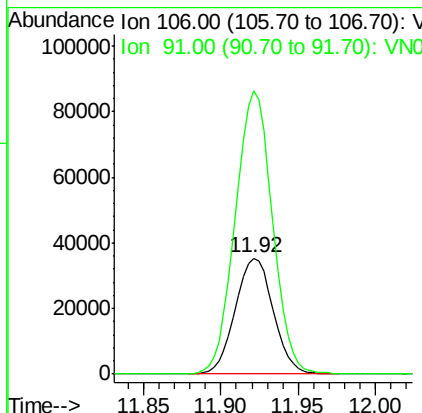
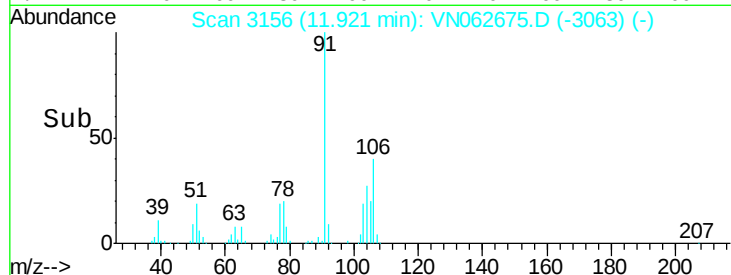
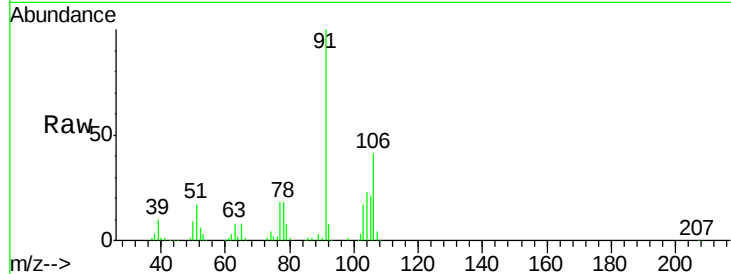
#69
o-Xylene
Concen: 18.476 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN062675.D
Acq: 31 Jul 2020 10:55

Instrument :
MSVOA_N
ClientSampled :
VN0731WBS01

Tot Ion:106 Resp: 60262
Ion Ratio Lower Upper
106 100
91 240.0 113.8 341.2

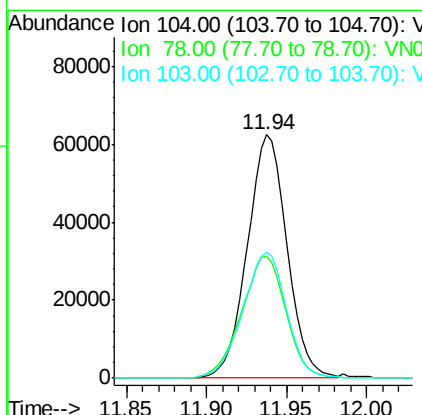
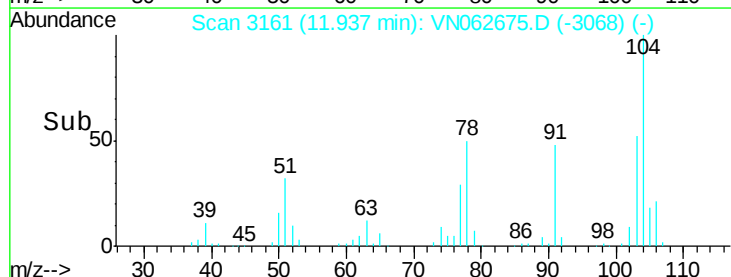
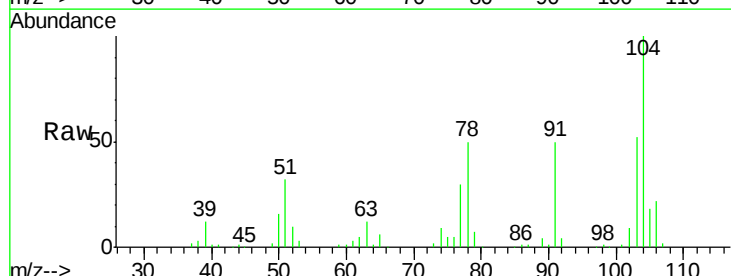
Manual Integrations
APPROVED

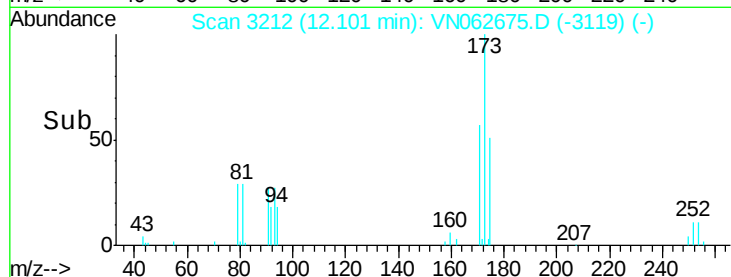
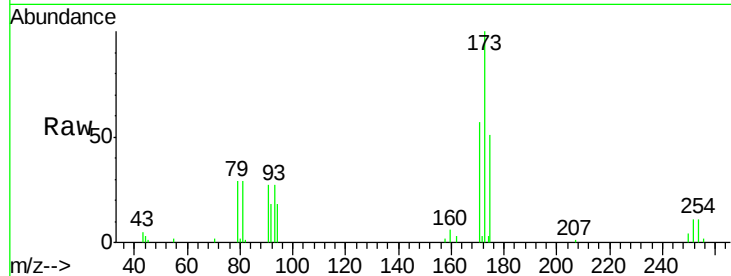
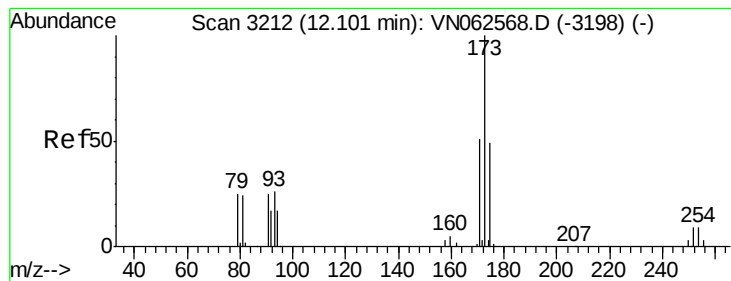
MMDadoda
8/3/2020 9:31:55 AM



#70
Styrene
Concen: 19.352 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. 0.00 min
Lab File: VN062675.D
Acq: 31 Jul 2020 10:55

Tgt Ion:104 Resp: 106623
Ion Ratio Lower Upper
104 100
78 55.9 43.8 65.6
103 56.6 44.0 66.0





#71

Bromoform

Concen: 19.605 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. 0.00 min

Lab File: VN062675.D

Acq: 31 Jul 2020 10:55

Tot Ion:	173	Resp:	28862
Ion Ratio	Lower	Upper	
173	100		
175	48.5	24.1	72.2
254	0.0	0.0	0.0

Instrument :

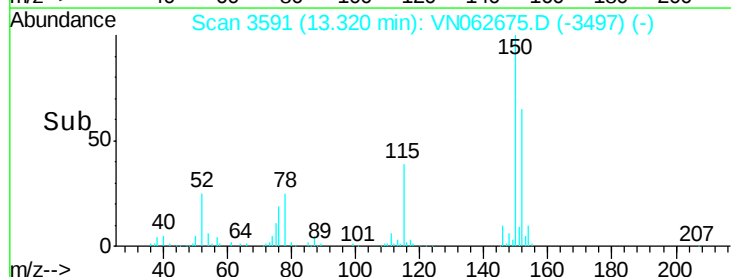
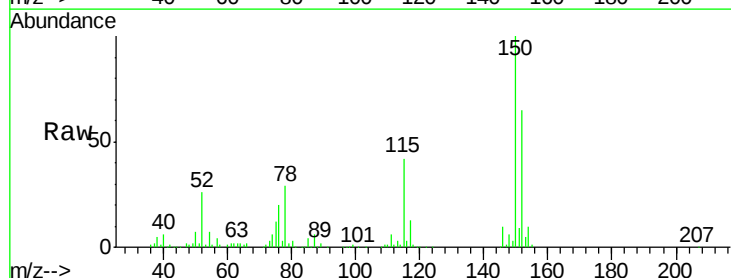
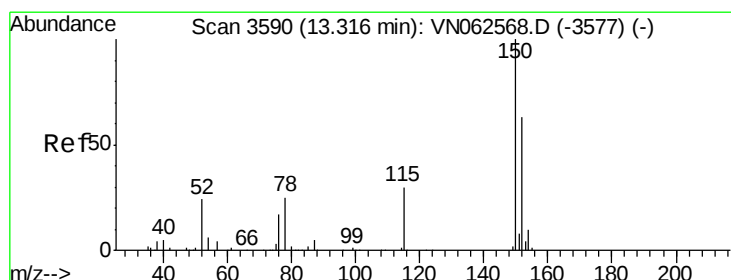
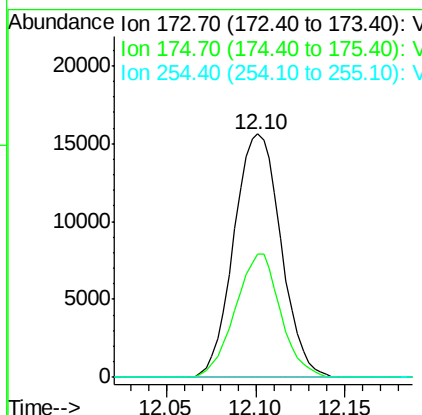
MSVOA_N

ClientSampleId :

VN0731WBS01

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8/3/2020 9:31:55 AM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

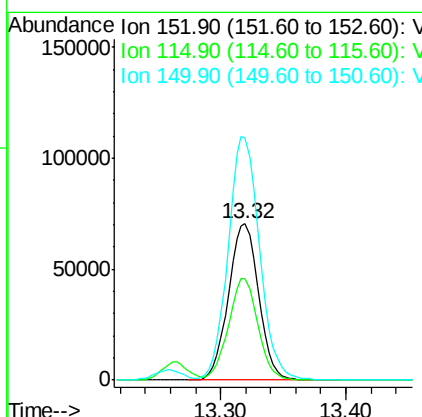
RT: 13.32 min Scan# 3591

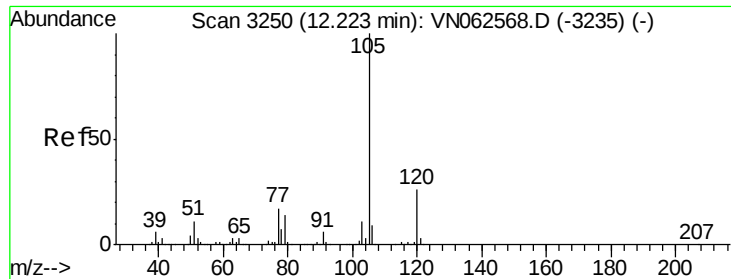
Delta R.T. 0.00 min

Lab File: VN062675.D

Acq: 31 Jul 2020 10:55

Tgt Ion:	152	Resp:	118048
Ion Ratio	Lower	Upper	
152	100		
115	62.7	31.8	95.4
150	161.6	0.0	351.4





#73

Isopropylbenzene

Concen: 18.611 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN062675.D

Acq: 31 Jul 2020 10:55

Instrument :

MSVOA_N

ClientSampled :

VN0731WBS01

Tot Ion: 105 Resp: 173717

Ion Ratio Lower Upper

105 100

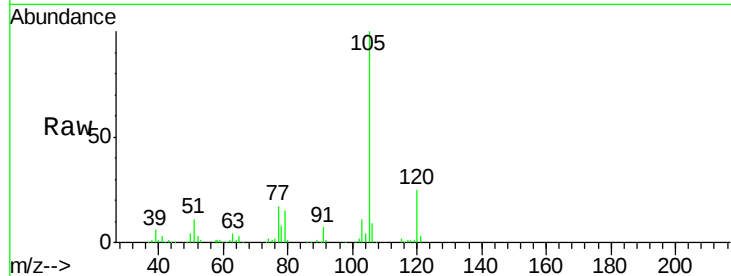
120 25.2 12.8 38.4

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.22

100000

80000

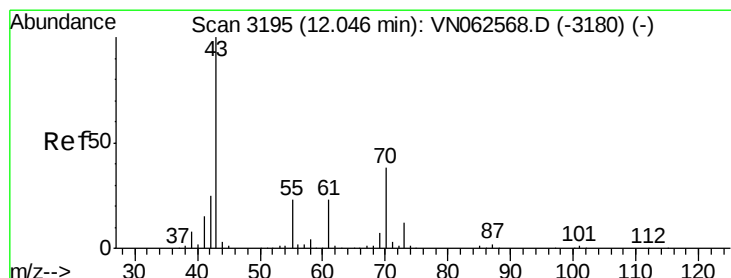
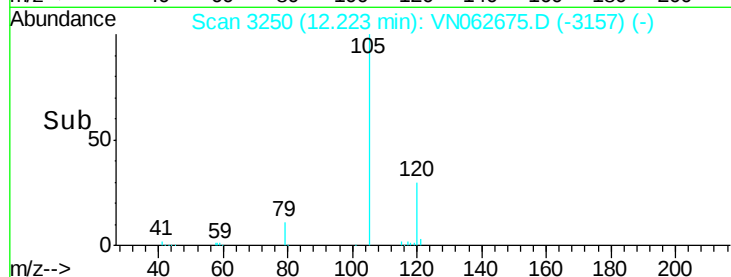
60000

40000

20000

0

Time-->



#74

N-ethyl acetate

Concen: 17.563 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN062675.D

Acq: 31 Jul 2020 10:55

Tgt Ion: 43 Resp: 73212

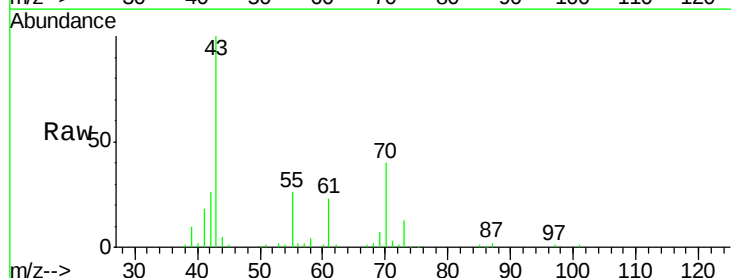
Ion Ratio Lower Upper

43 100

70 38.1 30.5 45.7

55 25.0 19.0 28.6

61 22.3 18.4 27.6



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 70.00 (69.70 to 70.70): VN

Ion 55.00 (54.70 to 55.70): VN

Ion 61.00 (60.70 to 61.70): VN

12.05

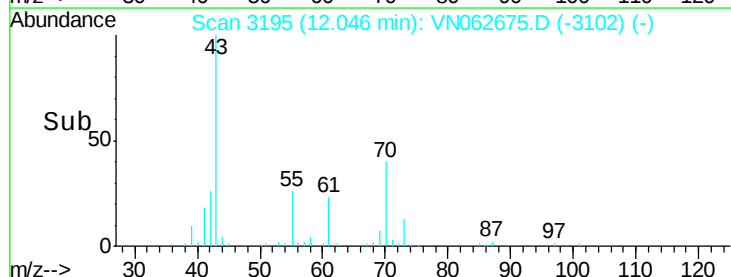
60000

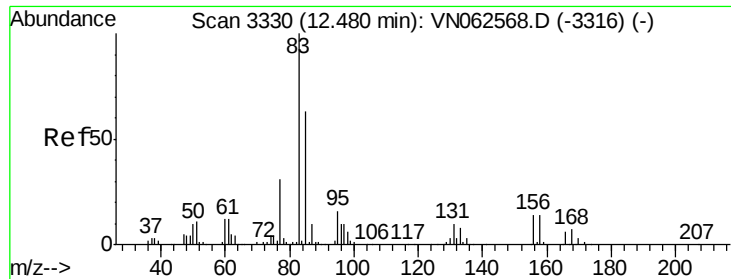
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 17.267 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN062675.D

Acq: 31 Jul 2020 10:55

Instrument :

MSVOA_N

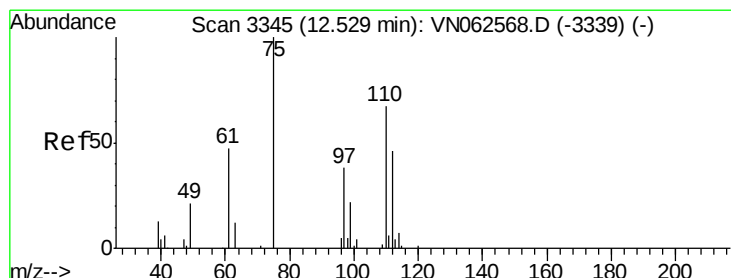
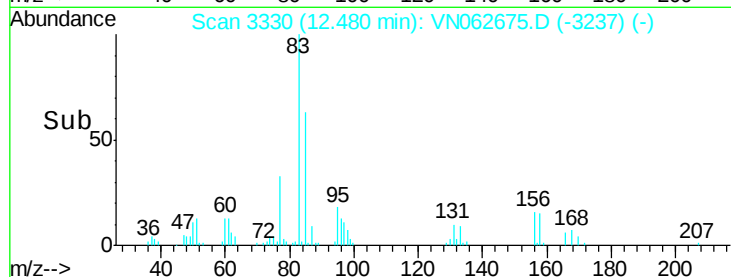
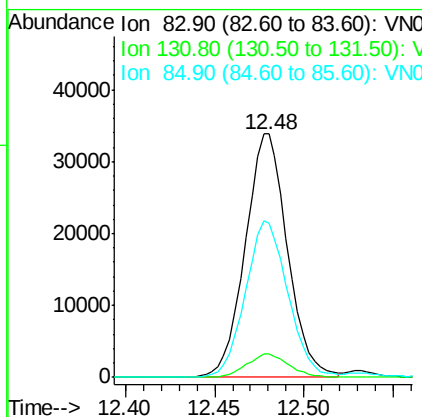
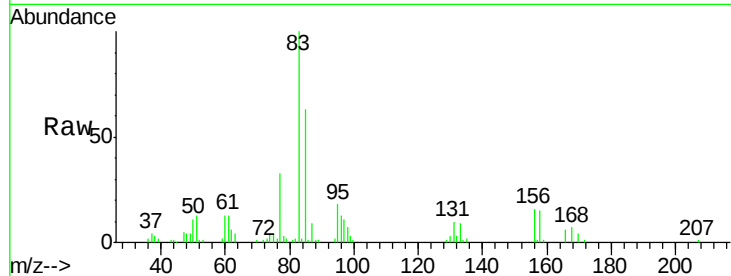
ClientSampleId :

VN0731WBS01

Tot Ion:	83	Resp:	56008
Ion Ratio	Lower	Upper	
83	100		
131	9.5	4.8	14.3
85	64.6	31.8	95.4

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#76

1,2,3-Trichloropropane

Concen: 18.259 ug/l m

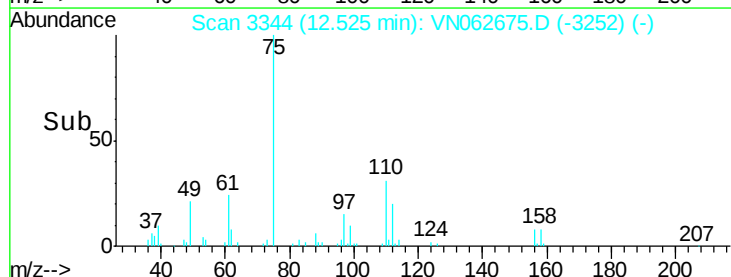
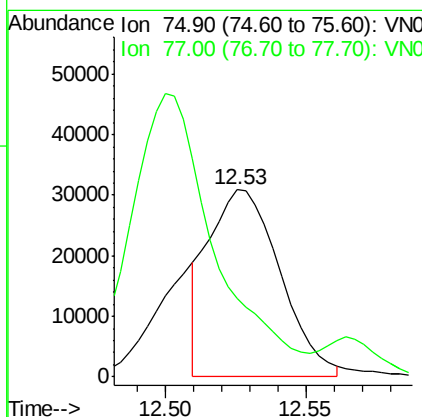
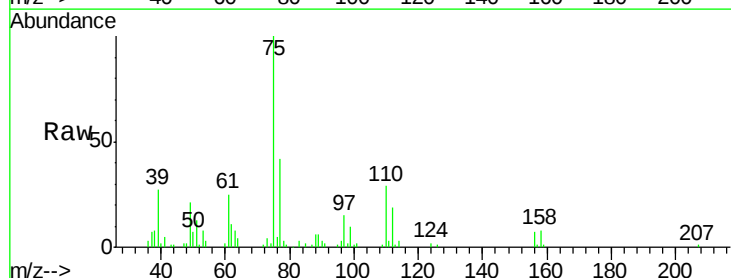
RT: 12.53 min Scan# 3344

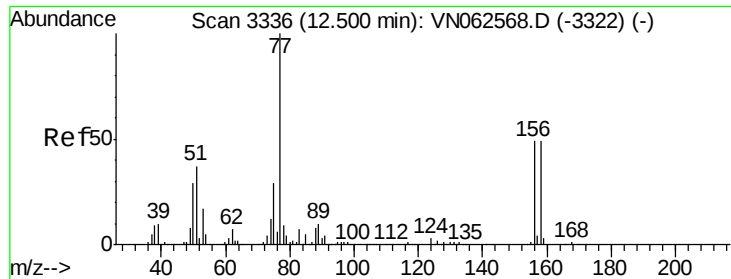
Delta R.T. -0.00 min

Lab File: VN062675.D

Acq: 31 Jul 2020 10:55

Tgt Ion:	75	Resp:	54863
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 18.401 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN062675.D

Acq: 31 Jul 2020 10:55

Instrument :

MSVOA_N

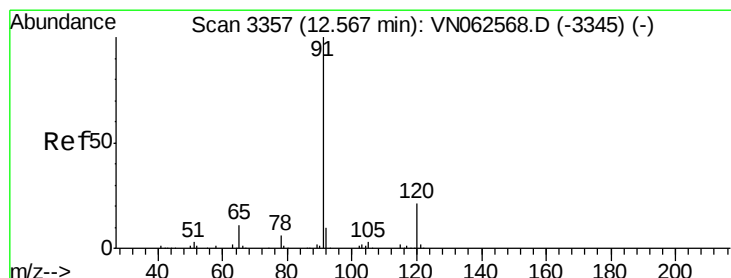
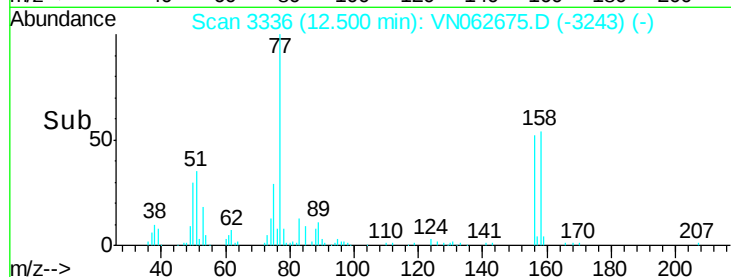
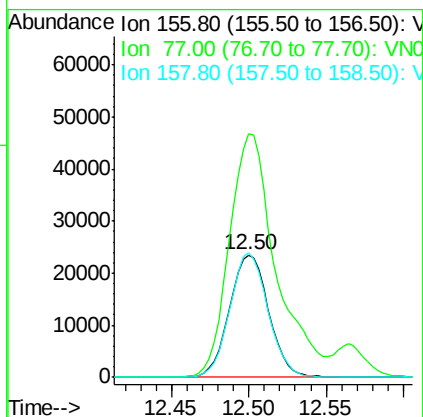
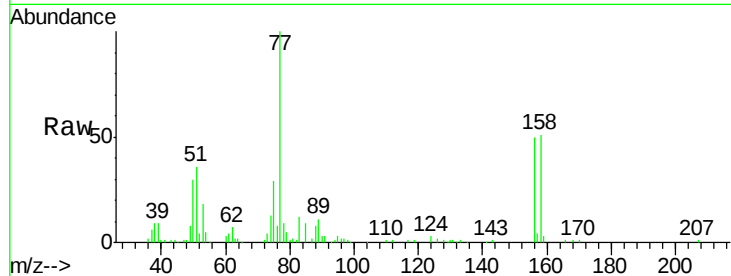
ClientSampleId :

VN0731WBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	237.5	122.8	368.3
158	98.5	49.4	148.0

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#78

n-propylbenzene

Concen: 18.570 ug/l

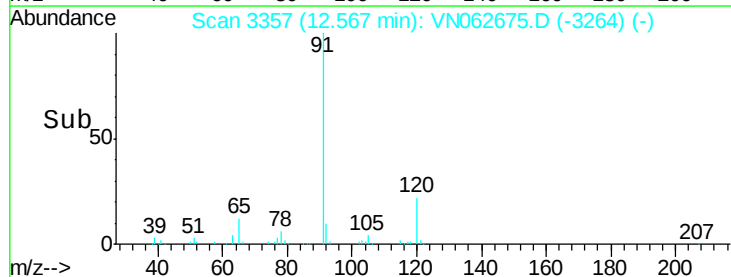
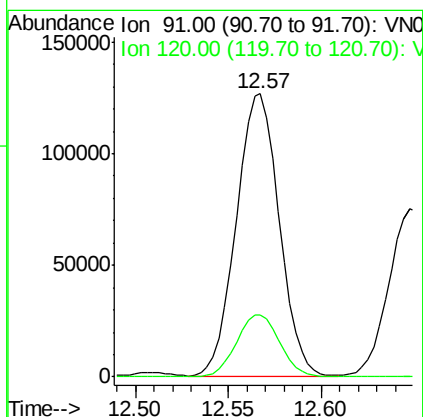
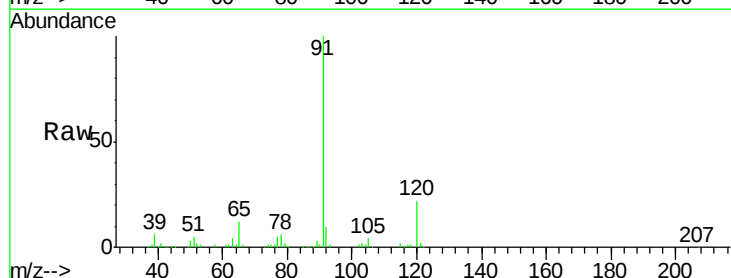
RT: 12.57 min Scan# 3357

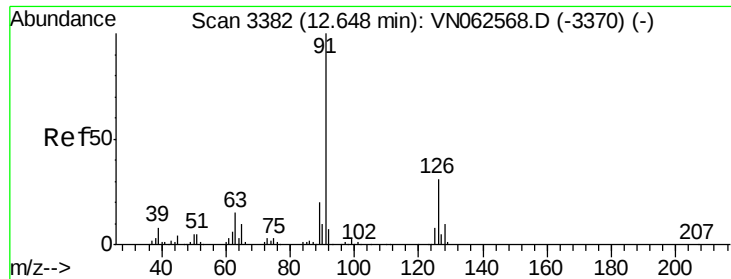
Delta R.T. 0.00 min

Lab File: VN062675.D

Acq: 31 Jul 2020 10:55

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.2	10.9	32.6





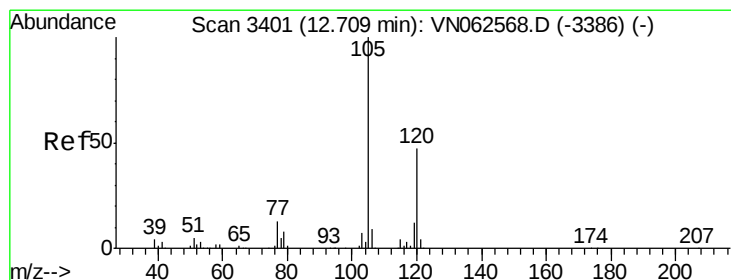
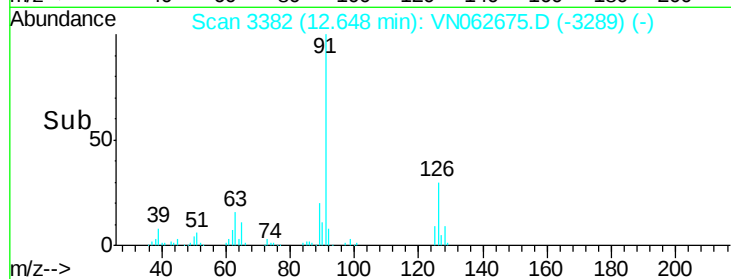
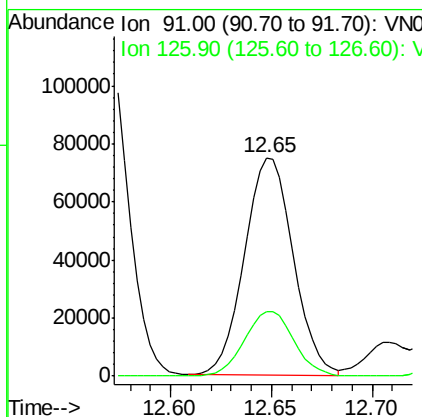
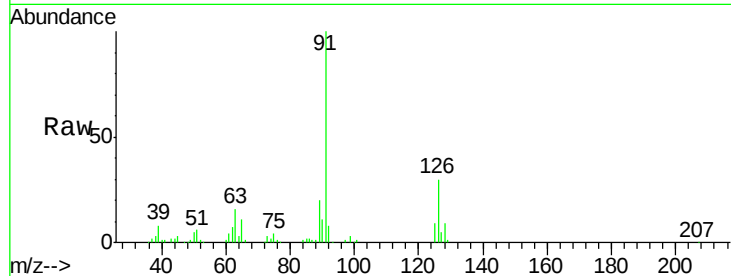
#79
 2-Chlorotoluene
 Concen: 18.805 ug/l
 RT: 12.65 min Scan# 3382
 Delta R.T. 0.00 min
 Lab File: VN062675.D
 Acq: 31 Jul 2020 10:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0731WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
126	30.4	15.9	47.6

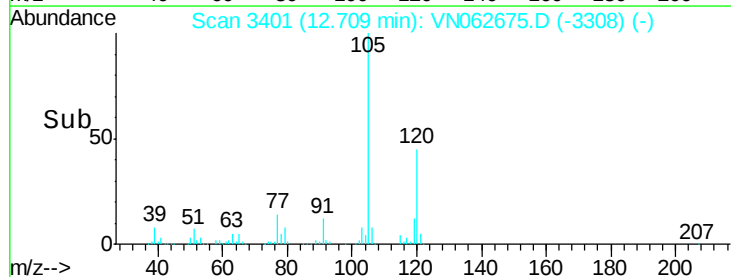
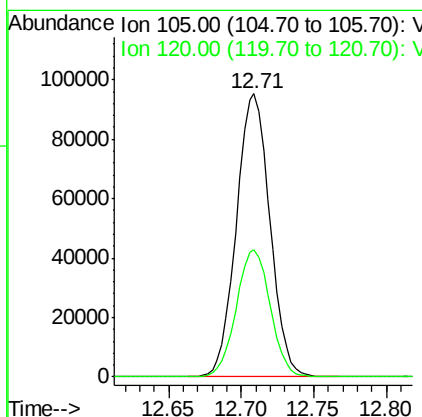
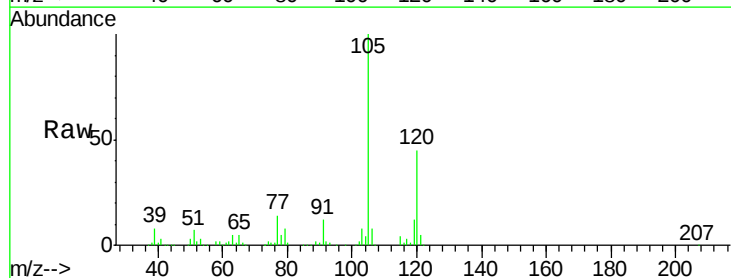
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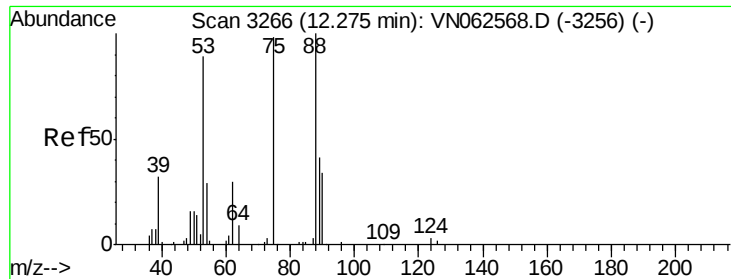
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#80
 1,3,5-Trimethylbenzene
 Concen: 19.785 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. 0.00 min
 Lab File: VN062675.D
 Acq: 31 Jul 2020 10:55

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.5	23.2	69.6





#81

trans-1,4-Dichloro-2-butene

Concen: 16.760 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. 0.00 min

Lab File: VN062675.D

Acq: 31 Jul 2020 10:55

Instrument :

MSVOA_N

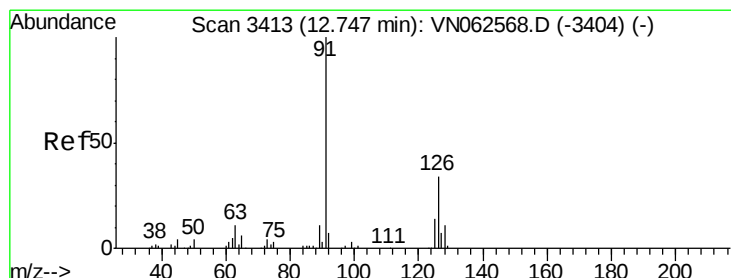
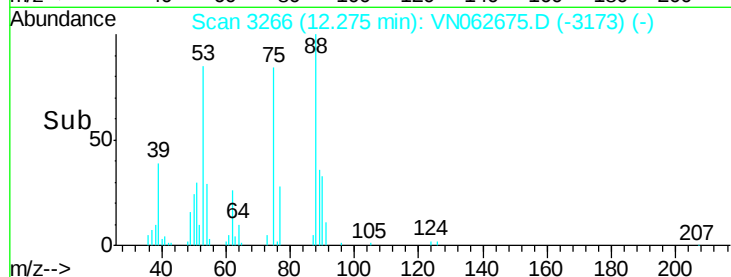
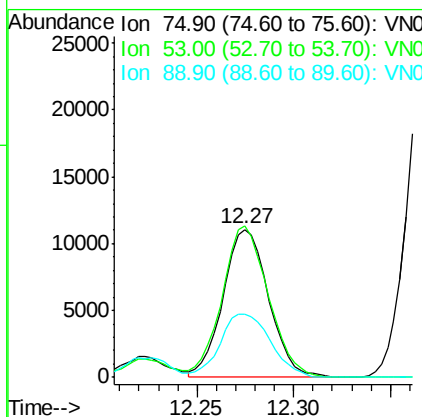
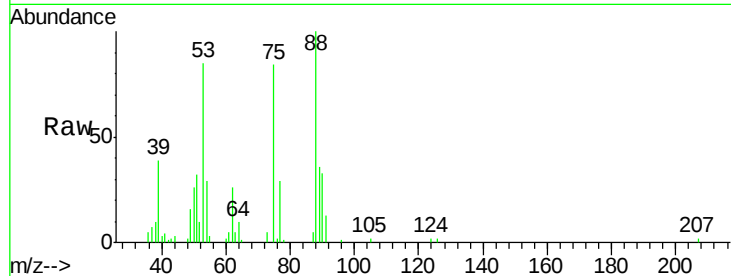
ClientSampleId :

VN0731WBS01

Tot Ion:	75	Resp:	18090
Ion	Ratio	Lower	Upper
75	100		
53	104.5	75.4	113.0
89	47.7	34.5	51.7

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#82

4-Chlorotoluene

Concen: 18.327 ug/l

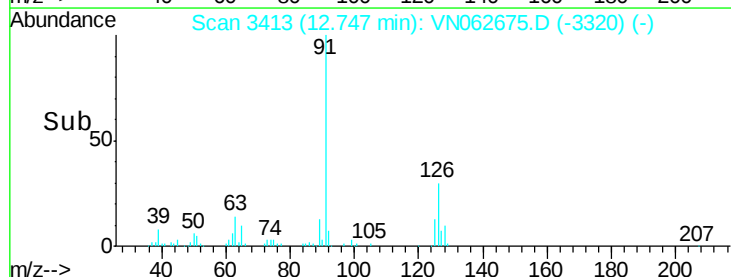
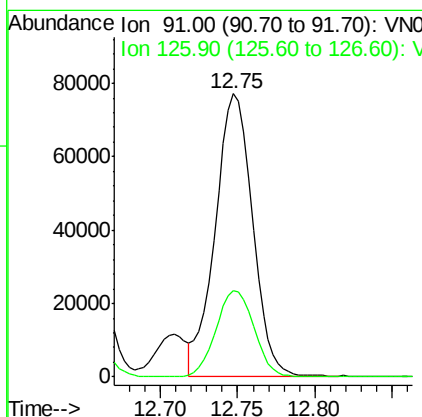
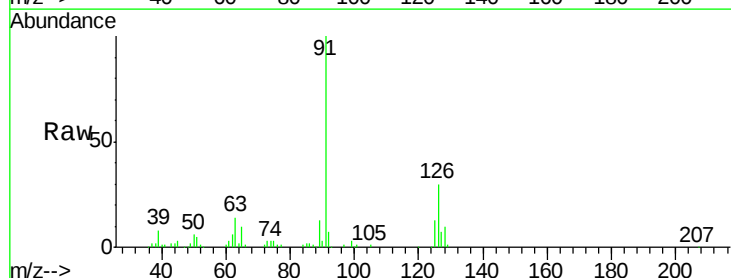
RT: 12.75 min Scan# 3413

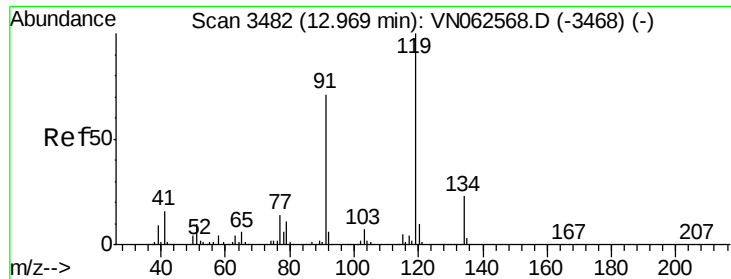
Delta R.T. 0.00 min

Lab File: VN062675.D

Acq: 31 Jul 2020 10:55

Tgt Ion:	91	Resp:	128541
Ion	Ratio	Lower	Upper
91	100		
126	31.2	15.4	46.4





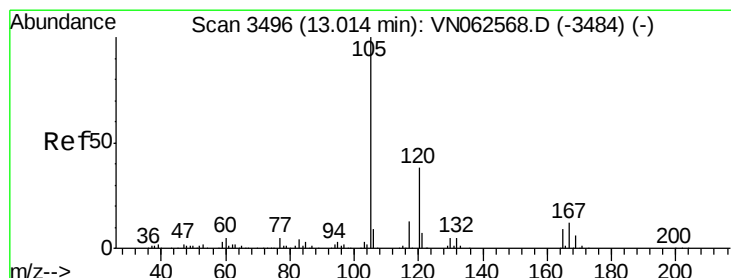
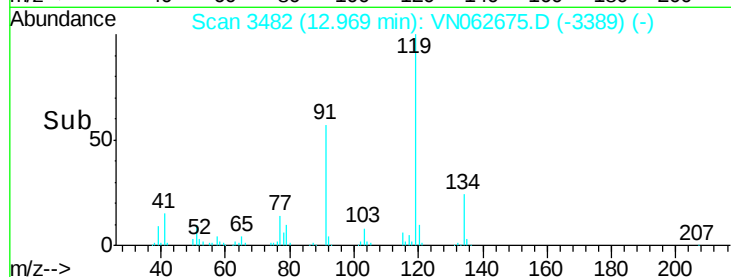
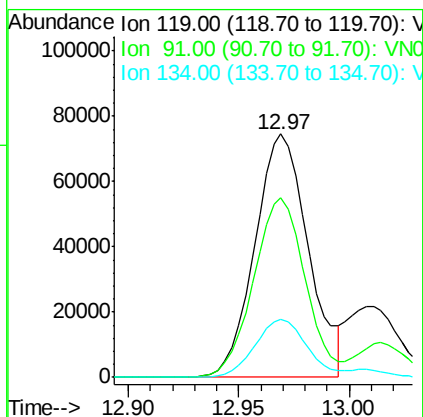
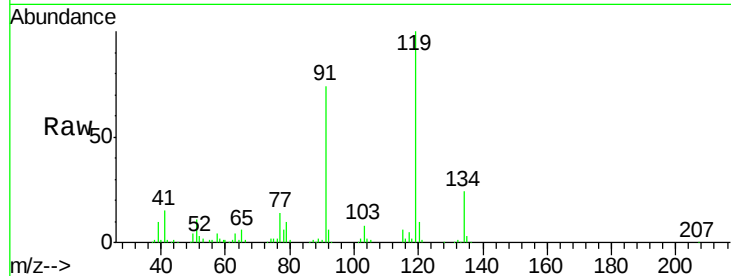
#83
tert-Butylbenzene
Concen: 19.482 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. 0.00 min
Lab File: VN062675.D
Acq: 31 Jul 2020 10:55

Instrument :
MSVOA_N
ClientSampled :
VN0731WBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	71.0	34.6	103.8
134	23.4	11.5	34.4

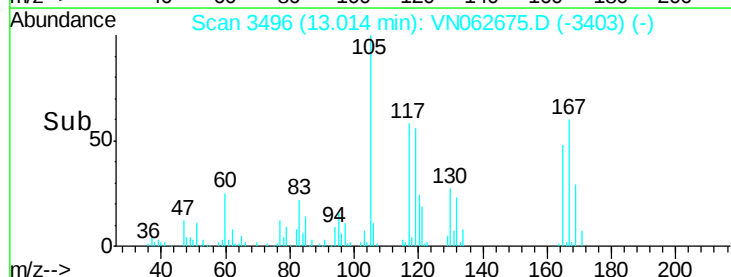
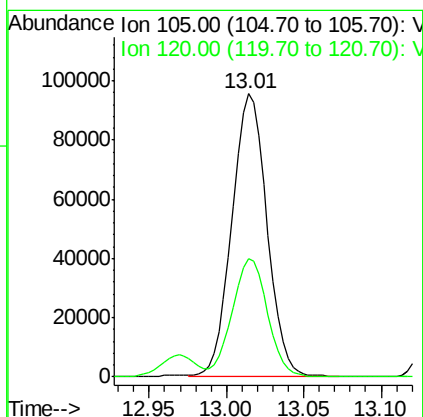
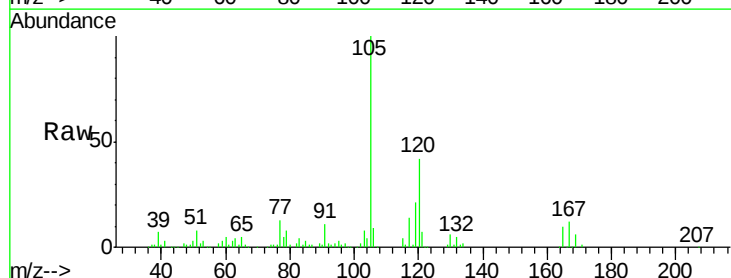
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#84
1,2,4-Trimethylbenzene
Concen: 19.709 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. 0.00 min
Lab File: VN062675.D
Acq: 31 Jul 2020 10:55

Tgt Ion	Ratio	Lower	Upper
105	100		
120	42.5	22.1	66.3





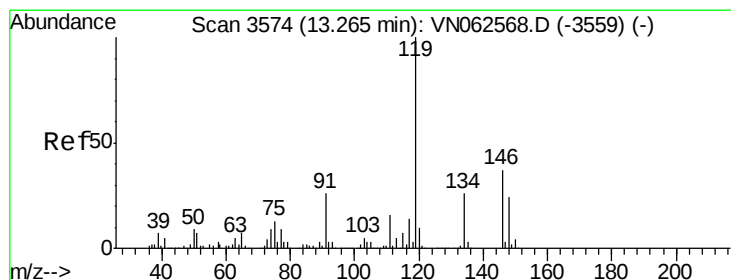
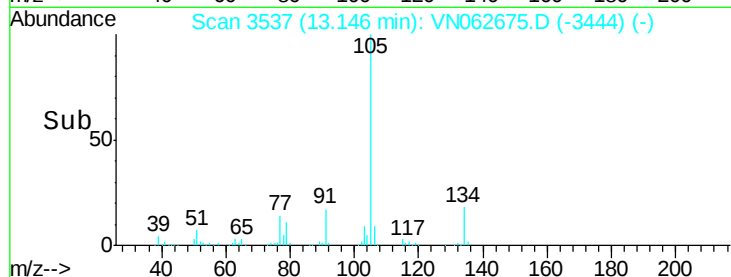
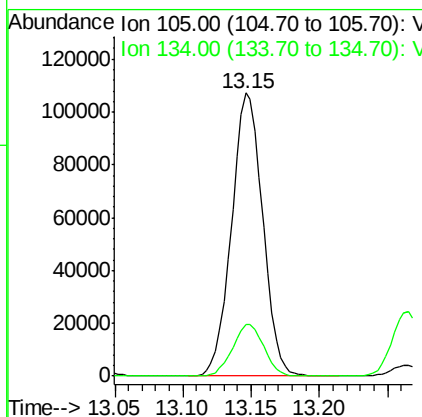
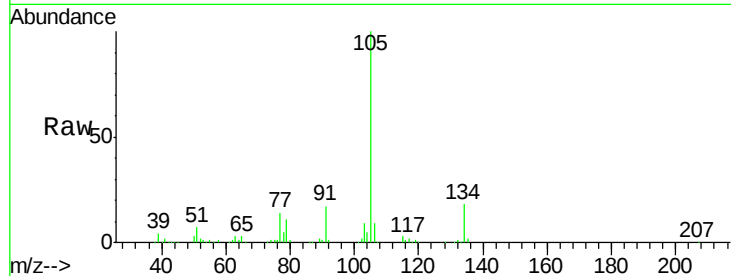
#85
 sec-Butylbenzene
 Concen: 19.734 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. 0.00 min
 Lab File: VN062675.D
 Acq: 31 Jul 2020 10:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0731WBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	169859		
134	18.3	9.5	28.5	

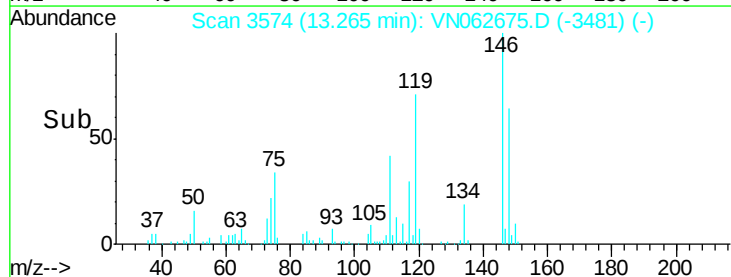
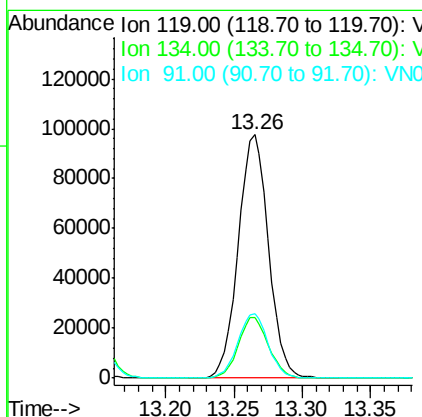
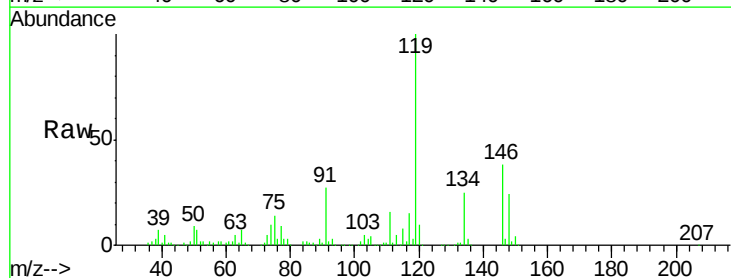
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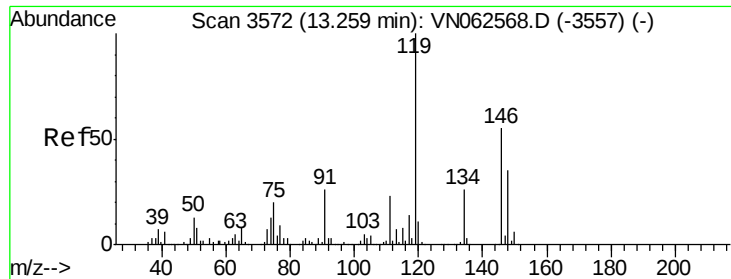
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#86
 p-Isopropyltoluene
 Concen: 20.295 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. 0.00 min
 Lab File: VN062675.D
 Acq: 31 Jul 2020 10:55

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	150244		
134	24.7	12.8	38.4	
91	26.6	12.7	38.1	





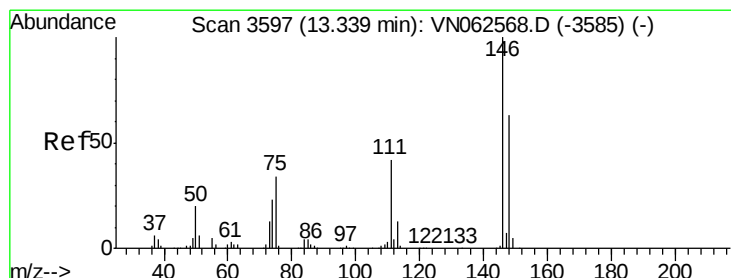
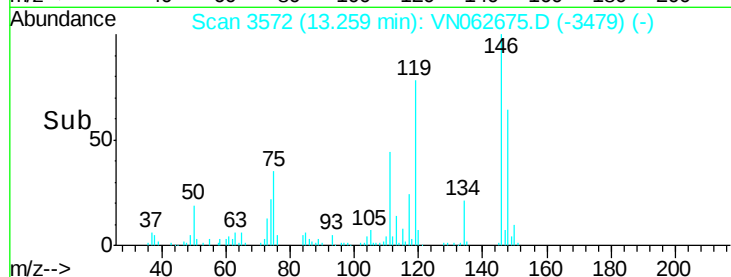
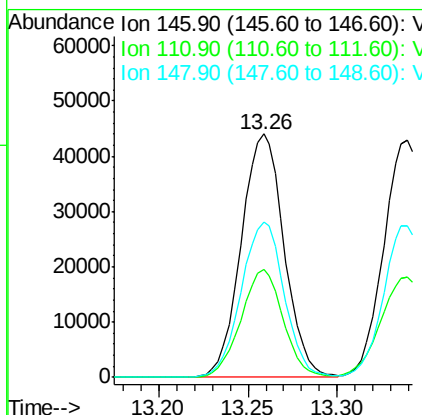
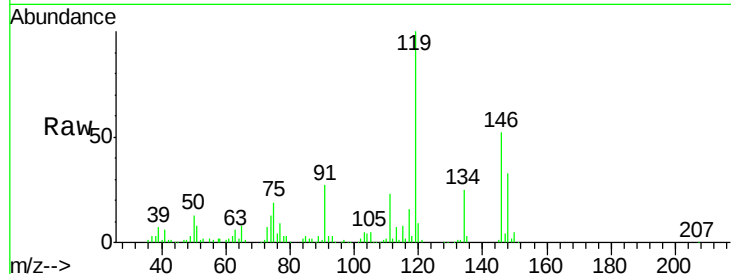
#87
 1,3-Dichlorobenzene
 Concen: 18.730 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VN062675.D
 Acq: 31 Jul 2020 10:55

Instrument :
 MSVOA_N
 ClientSampled :
 VN0731WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.6	21.6	64.6
148	64.1	31.8	95.4

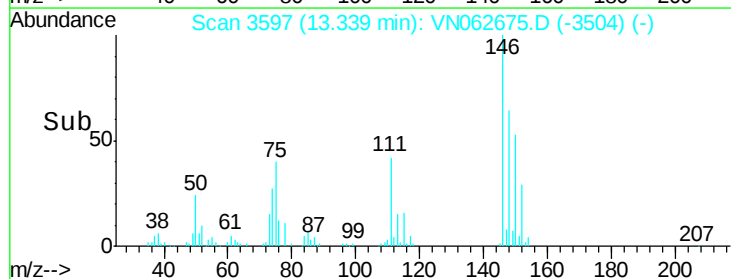
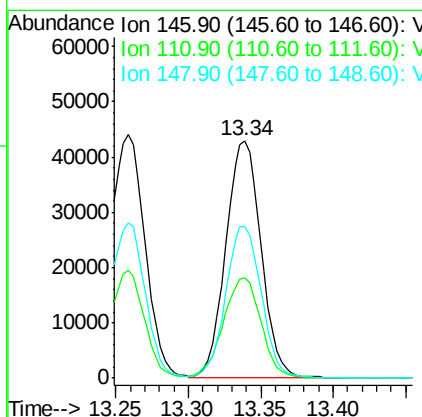
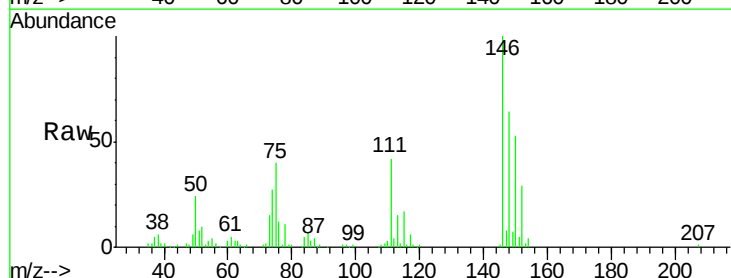
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#88
 1,4-Dichlorobenzene
 Concen: 18.727 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VN062675.D
 Acq: 31 Jul 2020 10:55

Tgt Ion	Ratio	Lower	Upper
146	100		
111	45.2	21.1	63.1
148	64.6	31.6	94.8





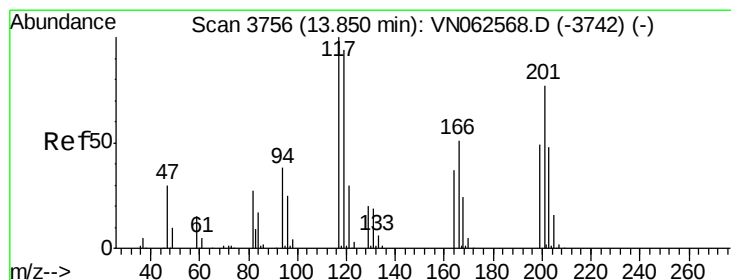
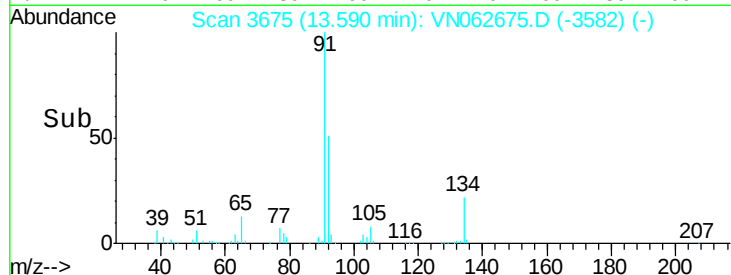
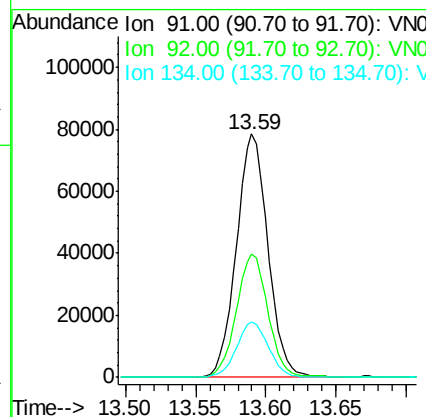
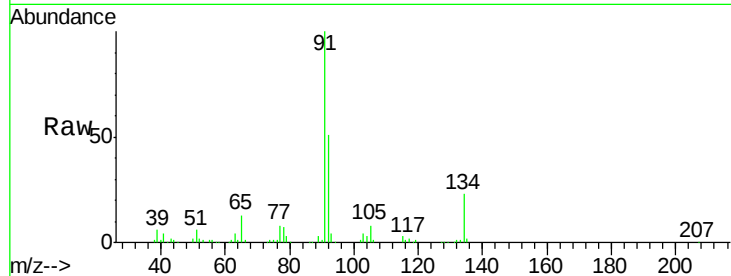
#89
n-Butylbenzene
Concen: 19.312 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. 0.00 min
Lab File: VN062675.D
Acq: 31 Jul 2020 10:55

Instrument :
MSVOA_N
ClientSampled :
VN0731WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	50.9	25.8	77.3
134	23.1	11.8	35.3

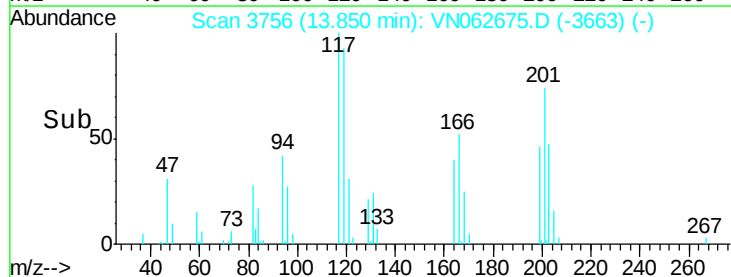
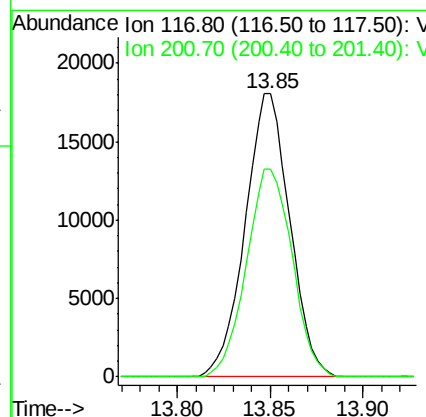
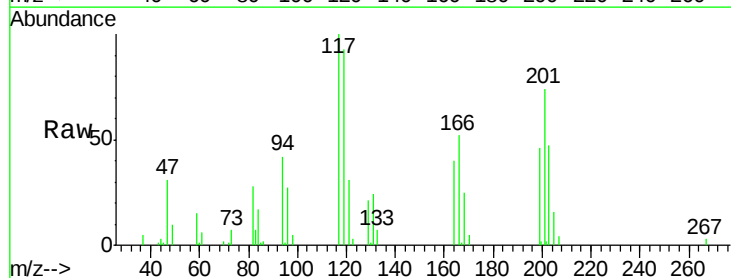
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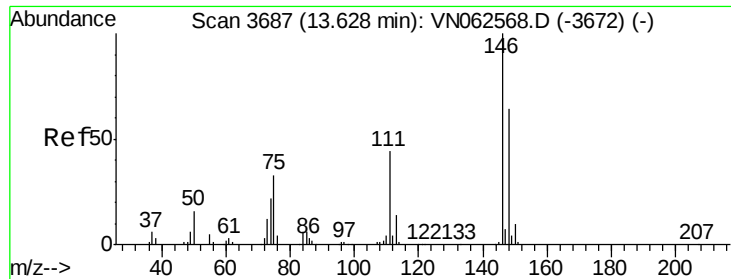
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#90
Hexachloroethane
Concen: 19.150 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. 0.00 min
Lab File: VN062675.D
Acq: 31 Jul 2020 10:55

Tgt Ion	Ratio	Lower	Upper
117	100		
201	75.3	39.2	117.6





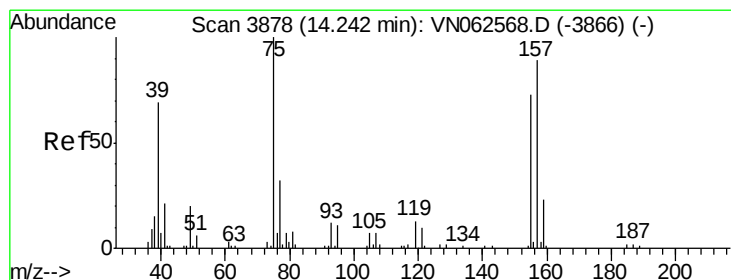
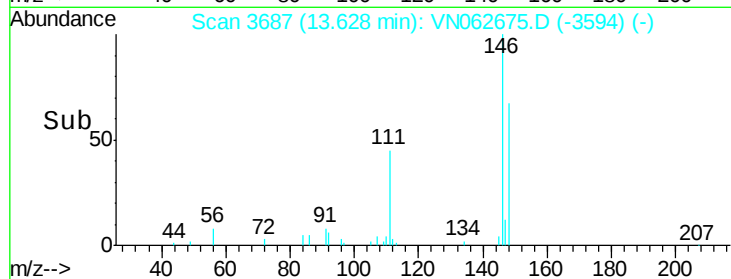
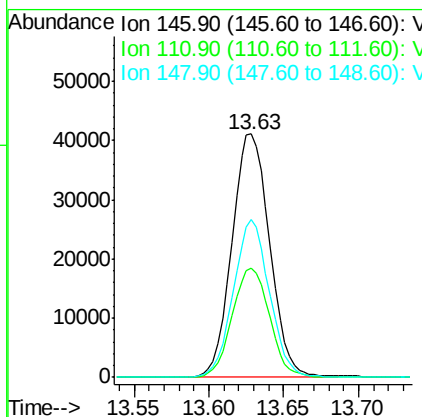
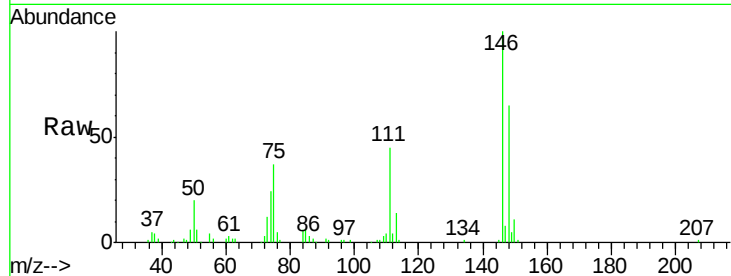
#91
 1,2-Dichlorobenzene
 Concen: 19.149 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN062675.D
 Acq: 31 Jul 2020 10:55

Instrument :
 MSVOA_N
 ClientSampled :
 VN0731WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.4	21.9	65.8
148	62.0	31.6	94.7

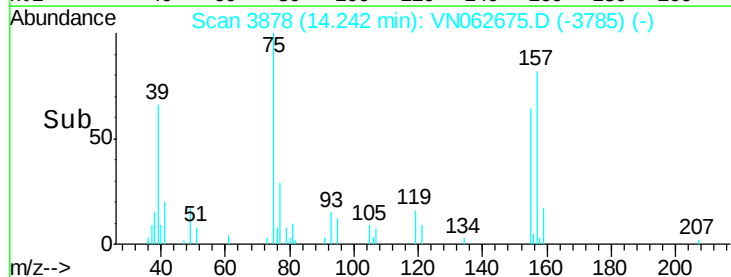
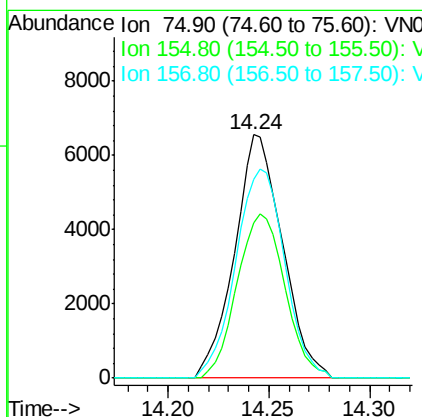
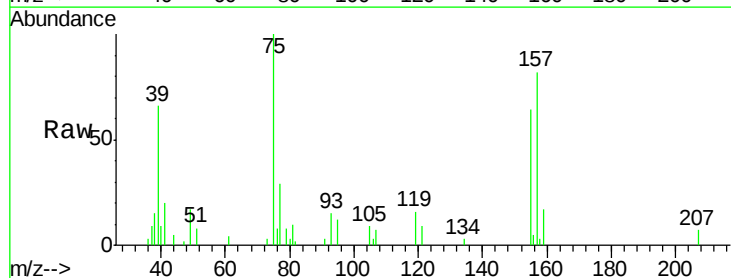
Manual Integrations
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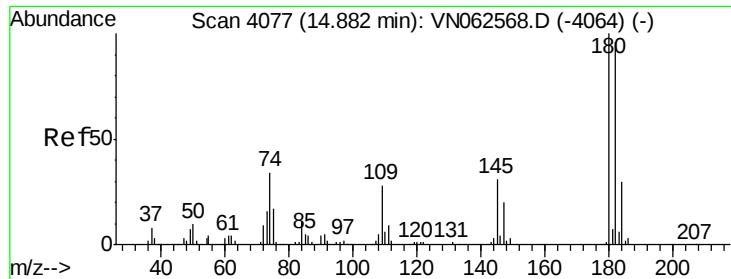
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 8/3/2020 9:31:55 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.521 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. 0.00 min
 Lab File: VN062675.D
 Acq: 31 Jul 2020 10:55

Tgt Ion	Ratio	Lower	Upper
75	100		
155	67.4	35.9	107.5
157	88.0	45.0	135.0





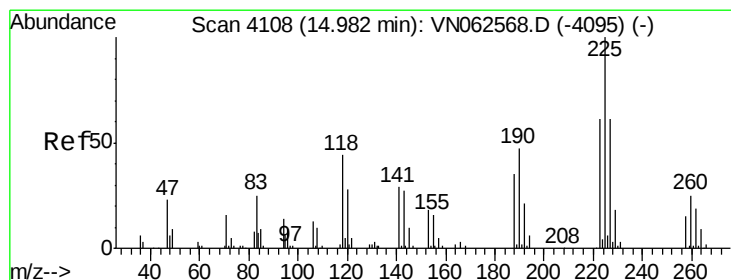
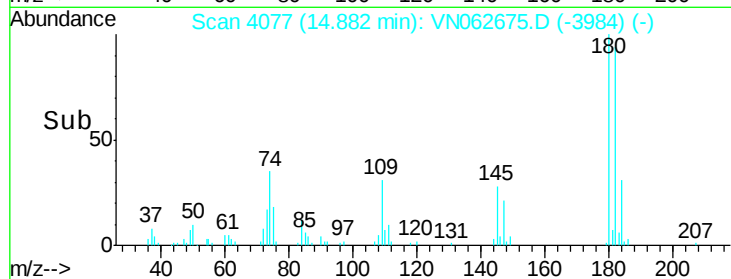
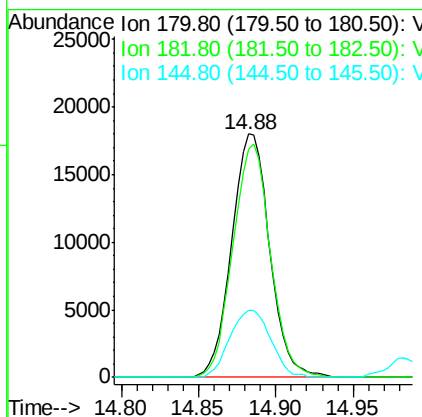
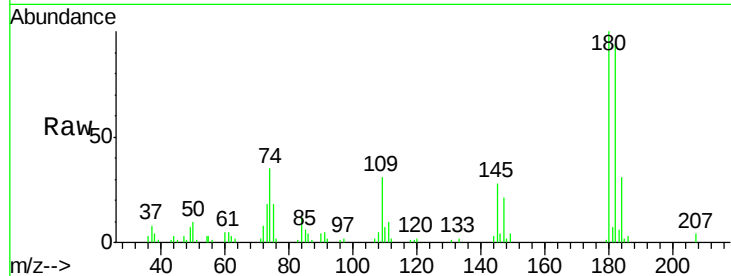
#93
 1,2,4-Trichlorobenzene
 Concen: 17.643 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN062675.D
 Acq: 31 Jul 2020 10:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0731WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	30678		
182	94.7	47.8	143.3	
145	29.5	15.3	45.9	

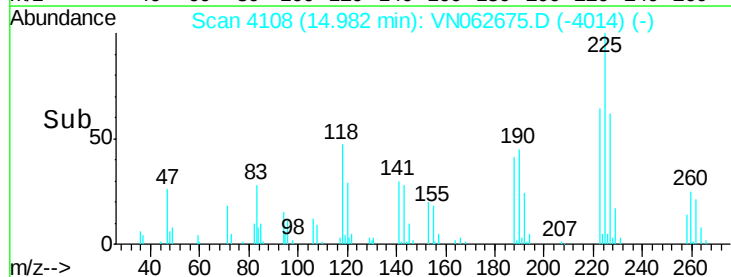
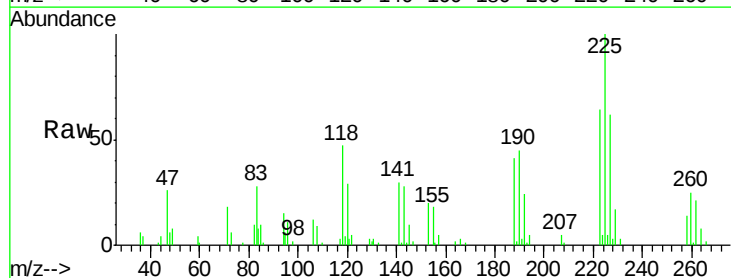
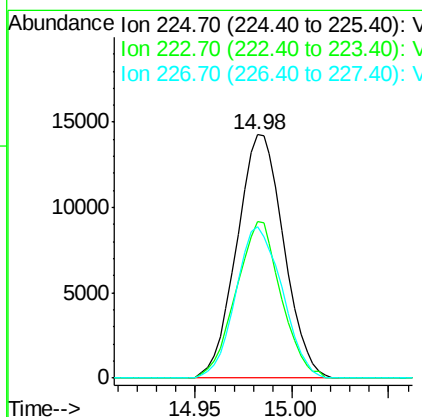
Manual Integrations
 APPROVED

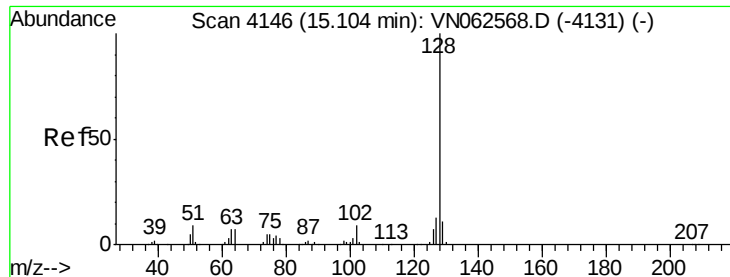
MMDadoda
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#94
 Hexachlorobutadiene
 Concen: 23.416 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. 0.00 min
 Lab File: VN062675.D
 Acq: 31 Jul 2020 10:55

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	24079		
223	61.4	32.0	96.0	
227	61.6	31.1	93.2	





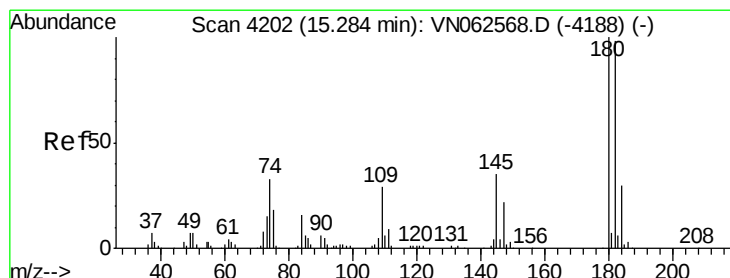
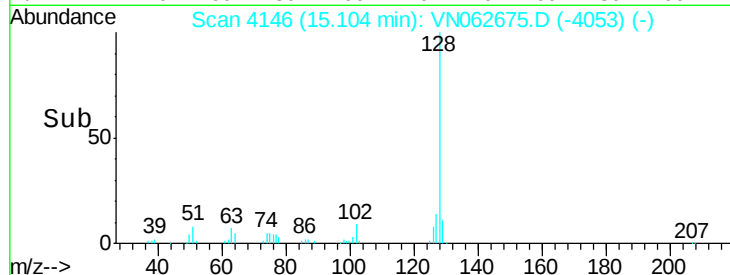
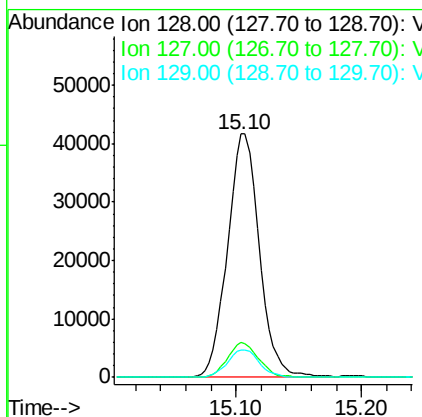
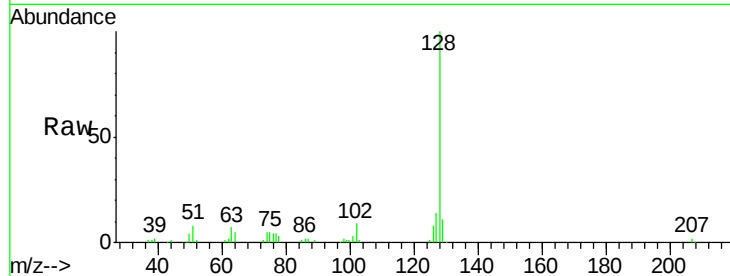
#95
Naphthalene
Concen: 16.706 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN062675.D
Acq: 31 Jul 2020 10:55

Instrument :
MSVOA_N
ClientSampleId :
VN0731WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.4	15.6
129	11.1	8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 17.630 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. 0.00 min
Lab File: VN062675.D
Acq: 31 Jul 2020 10:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	48.1	144.3
145	33.4	16.7	50.1

