

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071320\
 Data File : VN062512.D
 Acq On : 13 Jul 2020 12:48
 Operator : JC/MD
 Sample : VSTDICV020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN071320

Manual Integrations
 APPROVED

MMDadoda
 7/14/2020 11:36:47 AM

Quant Time: Jul 14 01:09:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N071320W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Jul 14 00:52:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.15	128	48965	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	275983	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	249672	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.99	65	124156	29.52	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.40%
60) 4-Bromofluorobenzene	12.37	95	126983	29.89	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.63%
63) Toluene-d8	10.06	98	357321	30.29	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.97%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.83	85	60320	20.872	ug/l 97
3) Chloromethane	2.04	50	86838	20.809	ug/l 100
4) Vinyl Chloride	2.16	62	76371	20.936	ug/l 98
5) Bromomethane	2.53	94	37203	20.558	ug/l 94
6) Chloroethane	2.67	64	37593	20.934	ug/l 99
7) Trichlorofluoromethane	2.98	101	91021	21.290	ug/l 98
8) Diethyl Ether	3.37	74	42368	20.614	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	56867	20.575	ug/l 99
10) 1,1-Dichloroethene	3.70	96	57489	20.389	ug/l 98
11) Methyl Iodide	3.91	142	64553	18.695	ug/l 99
12) Methyl Acetate	4.28	43	76241	20.161	ug/l 98
13) Acrolein	3.57	56	55059	97.450	ug/l 98
14) Acrylonitrile	4.93	53	177567	100.963	ug/l 98
15) Acetone	3.78	58	52652	97.523	ug/l 94
16) Carbon Disulfide	4.01	76	187347	20.389	ug/l 99
17) Allyl chloride	4.28	41	125269	20.890	ug/l 98
18) Methylene Chloride	4.50	84	70563	20.338	ug/l 97
19) trans-1,2-Dichloroethene	4.99	96	62857	20.141	ug/l 93
20) Diisopropyl ether	5.90	45	253667	20.577	ug/l 98
21) 1,1-Dichloroethane	5.80	63	134545	20.644	ug/l 99
22) cis-1,2-Dichloroethene	6.78	96	72452	20.586	ug/l 100
23) tert-Butyl Alcohol	4.73	59	57809	98.218	ug/l # 100
24) Methyl tert-Butyl Ether	4.99	73	211177	20.315	ug/l 99
25) Chloroform	7.33	83	124006	20.748	ug/l 97
26) Cyclohexane	7.61	56	118510	20.630	ug/l # 99
29) 1,1-Dichloropropene	7.75	75	97600	20.849	ug/l 98
30) 2-Butanone	6.79	43	247406	99.652	ug/l 98
31) 2,2-Dichloropropane	6.77	77	107028	20.276	ug/l # 70
32) 1,1,1-Trichloroethane	7.53	97	102620	20.396	ug/l 99
33) Carbon Tetrachloride	7.73	117	89078	20.423	ug/l 99
34) Benzene	8.00	78	287682	20.685	ug/l 99
35) Methacrylonitrile	7.12	41	46576	21.357	ug/l 99
36) 1,2-Dichloroethane	8.09	62	100319	20.069	ug/l 99
37) Trichloroethene	8.80	130	63979	20.480	ug/l 98
38) Methylcyclohexane	9.05	83	106953	20.366	ug/l 99
39) 1,2-Dichloropropane	9.08	63	81015	20.447	ug/l 98
40) Dibromomethane	9.17	93	46919	20.547	ug/l 98

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MMDadoda
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

41) Bromodichloromethane	9.37	83	96634	19.952	ug/l	100
42) Vinyl Acetate	5.84	43	1064467	103.178	ug/l	100
43) Ethyl Acetate	6.88	43	98168	19.668	ug/l #	93
44) Isopropyl Acetate	8.13	43	165403	19.751	ug/l	96
45) 1,4-Dioxane	9.17	88	22808	398.135	ug/l	95
46) Methyl methacrylate	9.17	41	79998	20.135	ug/l	98
47) n-amyl Acetate	12.04	43	140983	19.971	ug/l	98
48) t-1,3-Dichloropropene	10.35	75	112886	19.983	ug/l	100
49) cis-1,3-Dichloropropene	9.81	75	122768	20.132	ug/l	98
50) 1,1,2-Trichloroethane	10.53	97	65985	20.615	ug/l	98
51) Ethyl methacrylate	10.40	69	109473	20.314	ug/l	97
52) 1,3-Dichloropropane	10.68	76	120311	20.480	ug/l	100
53) Dibromochloromethane	10.87	129	70601	20.245	ug/l	100
54) 1,2-Dibromoethane	10.98	107	65603	20.024	ug/l	97
55) 2-Chloroethyl vinyl ether	9.66	63	150876	87.657	ug/l	99
56) Bromoform	12.10	173	47066	19.760	ug/l	98
58) 4-Methyl-2-Pentanone	9.95	43	507416	104.312	ug/l	99
59) 2-Hexanone	10.72	43	367337	102.966	ug/l	100
61) Tetrachloroethene	10.60	164	54148	21.178	ug/l	96
62) Toluene	10.12	91	297474	21.002	ug/l	99
64) Chlorobenzene	11.40	112	173960	20.901	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.48	131	63509	20.615	ug/l	99
66) Ethyl Benzene	11.48	91	324658	20.699	ug/l	98
67) m/p-Xylenes	11.59	106	235871	41.431	ug/l	99
68) o-Xylene	11.92	106	112711	20.630	ug/l	99
69) Styrene	11.94	104	188214	20.297	ug/l	99
70) Isopropylbenzene	12.22	105	306981	20.931	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.48	83	99764	21.047	ug/l	99
72) 1,2,3-Trichloropropane	12.53	75	92752m	20.116	ug/l	
73) Bromobenzene	12.50	156	70178	20.661	ug/l	98
74) n-propylbenzene	12.56	91	357456	20.504	ug/l	100
75) 2-Chlorotoluene	12.65	91	215544	20.535	ug/l	100
76) 1,3,5-Trimethylbenzene	12.71	105	253241	20.265	ug/l	99
77) t-1,4-Dichloro-2-butene	12.27	75	33941	19.683	ug/l	95
78) 4-Chlorotoluene	12.75	91	216085	20.175	ug/l	100
79) tert-butylbenzene	12.97	119	211337	20.423	ug/l	99
80) 1,2,4-Trimethylbenzene	13.01	105	243868	19.842	ug/l	98
81) sec-Butylbenzene	13.15	105	281438	20.252	ug/l	100
82) p-Isopropyltoluene	13.27	119	244262	19.918	ug/l	99
83) 1,3-Dichlorobenzene	13.26	146	119253	20.216	ug/l	98
84) 1,4-Dichlorobenzene	13.34	146	114395	19.653	ug/l	99
85) n-Butylbenzene	13.59	91	198854	18.903	ug/l	99
86) Hexachloroethane	13.85	117	47018	19.869	ug/l	99
87) 1,2-Dichlorobenzene	13.63	146	116029	20.455	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	14.24	75	17733	19.809	ug/l	97
89) 1,2,4-Trichlorobenzene	14.88	180	52739	18.676	ug/l	99
90) Hexachlorobutadiene	14.98	225	32709	20.884	ug/l	97
91) Naphthalene	15.10	128	148659	19.416	ug/l	99
92) 1,2,3-Trichlorobenzene	15.28	180	54635	19.197	ug/l	99

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ClientSampleId :
ICVVN071320

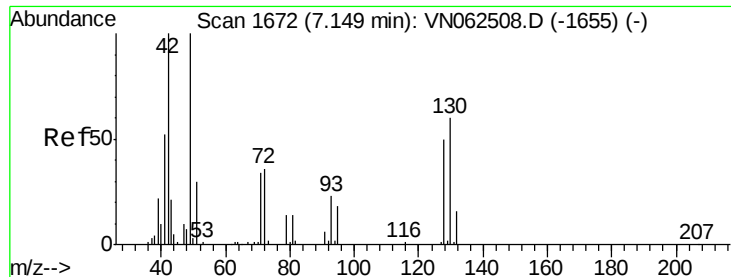
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.15 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VN062512.D

Acq: 13 Jul 2020 12:48

Instrument :

MSVOA_N

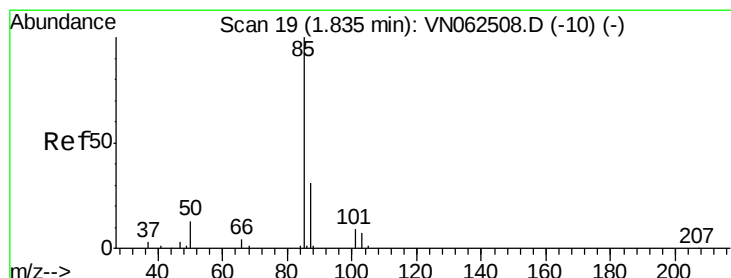
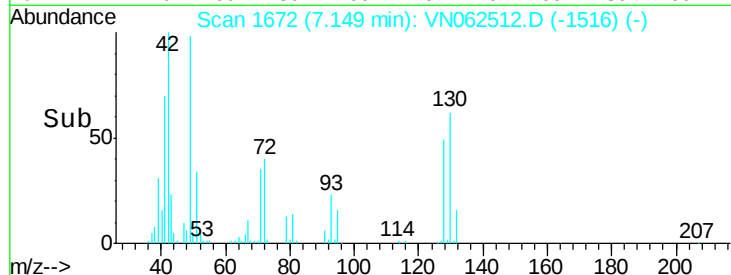
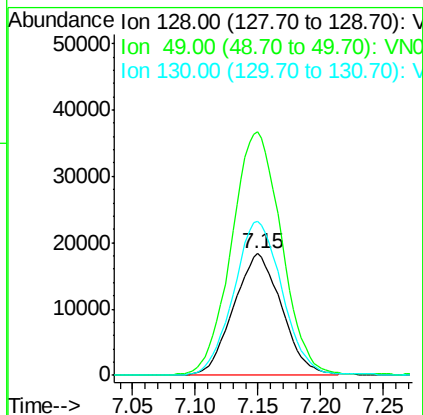
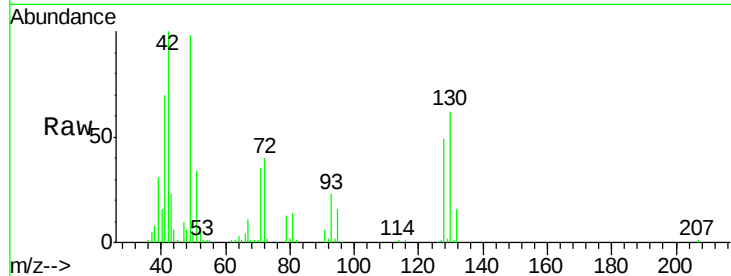
ClientSampleId :

ICVVN071320

Tot Ion:	128	Resp:	48965
Ion	Ratio	Lower	Upper
128	100		
49	207.6	0.0	525.0
130	127.8	0.0	319.8

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#2

Dichlorodifluoromethane

Concen: 20.872 ug/l

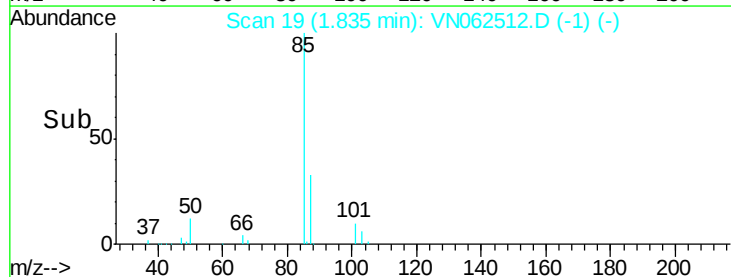
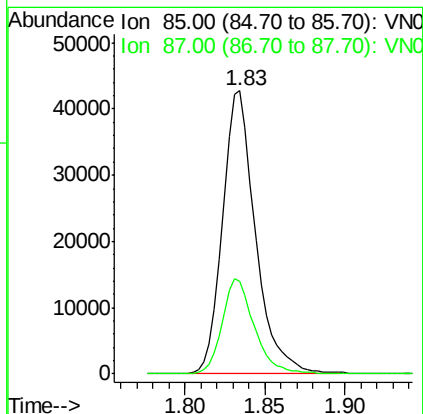
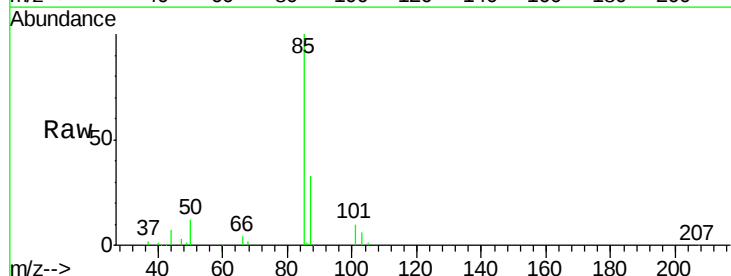
RT: 1.83 min Scan# 19

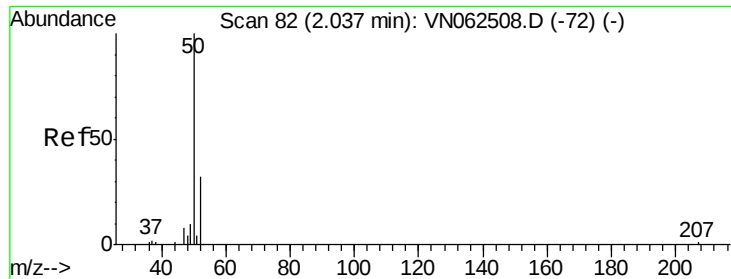
Delta R.T. 0.00 min

Lab File: VN062512.D

Acq: 13 Jul 2020 12:48

Tgt Ion:	85	Resp:	60320
Ion	Ratio	Lower	Upper
85	100		
87	32.7	15.6	46.7





#3

Chloromethane

Concen: 20.809 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN062512.D

Acq: 13 Jul 2020 12:48

Instrument :

MSVOA_N

ClientSampleId :

ICVVN071320

Tot Ion: 50 Resp: 86838

Ion Ratio Lower Upper

50 100

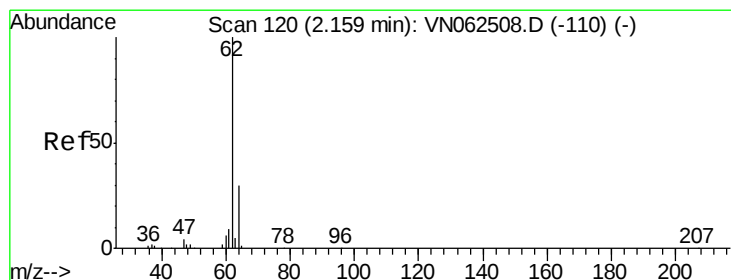
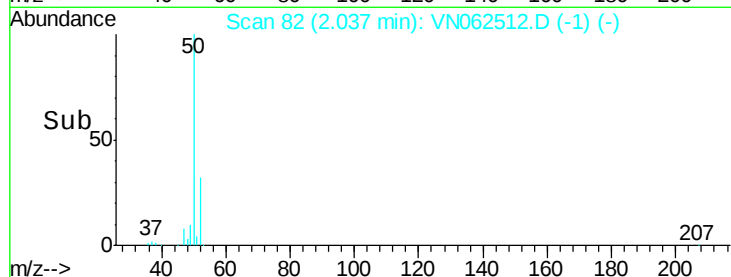
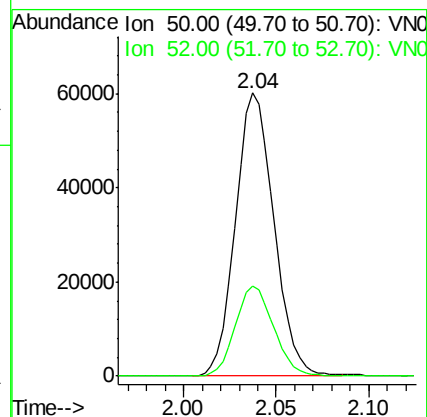
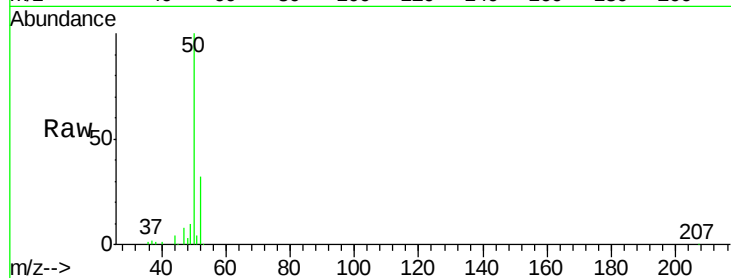
52 31.7 25.4 38.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.936 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN062512.D

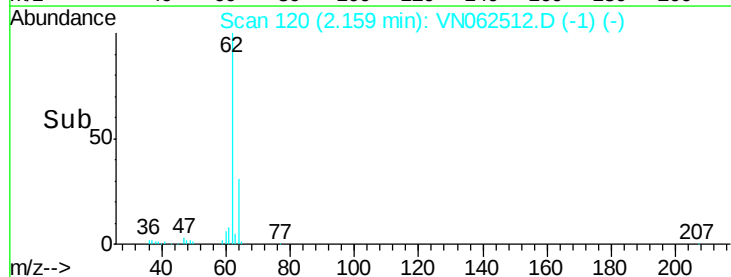
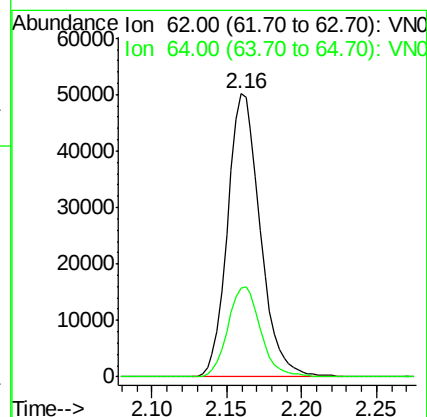
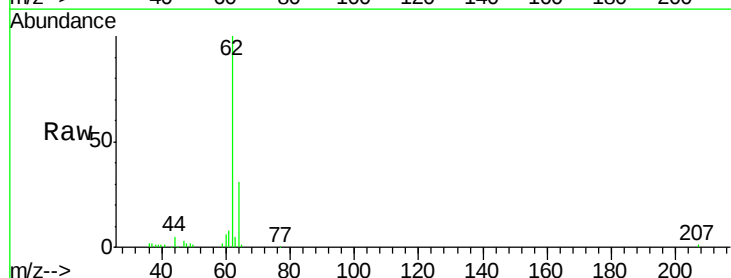
Acq: 13 Jul 2020 12:48

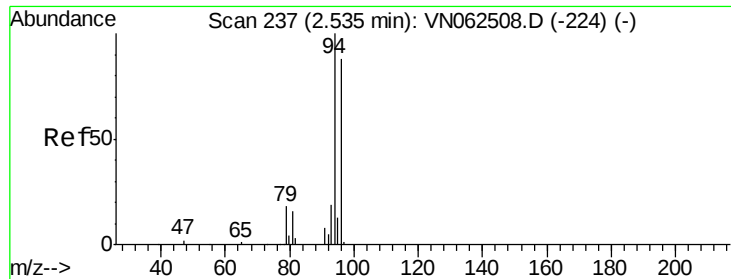
Tgt Ion: 62 Resp: 76371

Ion Ratio Lower Upper

62 100

64 31.3 24.3 36.5





#5

Bromomethane

Concen: 20.558 ug/l

RT: 2.53 min Scan# 235

Delta R.T. -0.01 min

Lab File: VN062512.D

Acq: 13 Jul 2020 12:48

Instrument :

MSVOA_N

ClientSampleId :

ICVVN071320

Tot Ion: 94 Resp: 37203

Ion Ratio Lower Upper

94 100

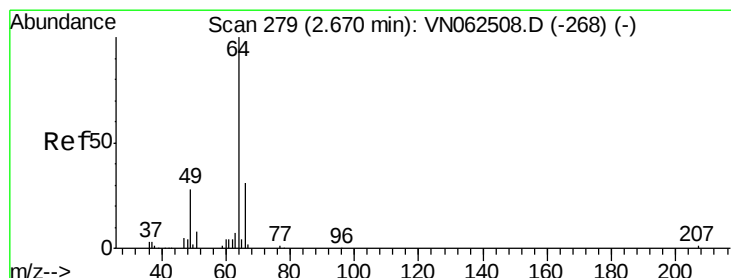
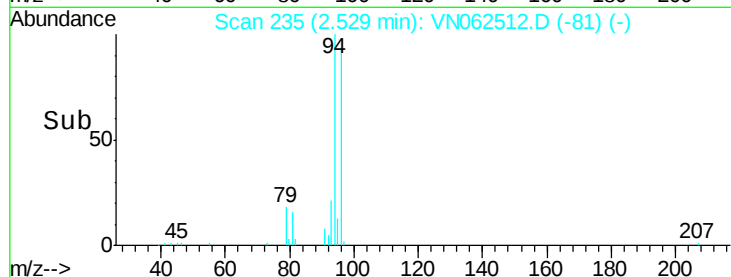
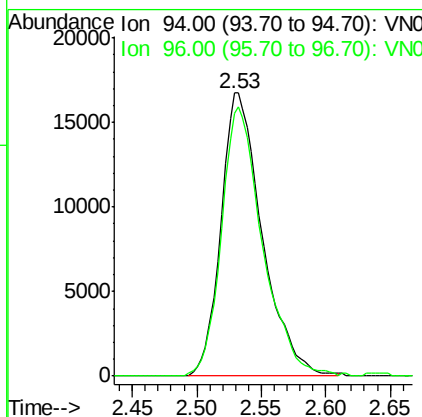
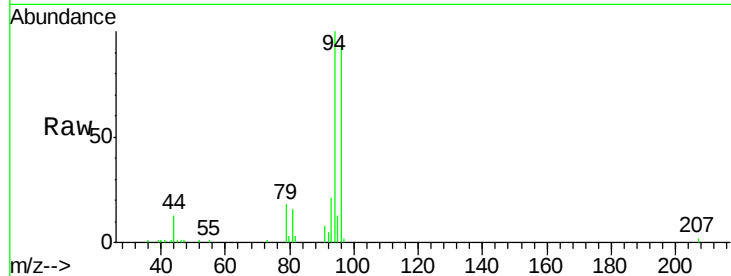
96 93.1 70.2 105.4

Manual Integrations

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#6

Chloroethane

Concen: 20.934 ug/l

RT: 2.67 min Scan# 279

Delta R.T. 0.00 min

Lab File: VN062512.D

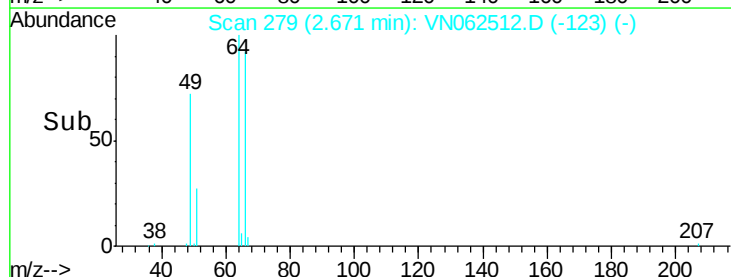
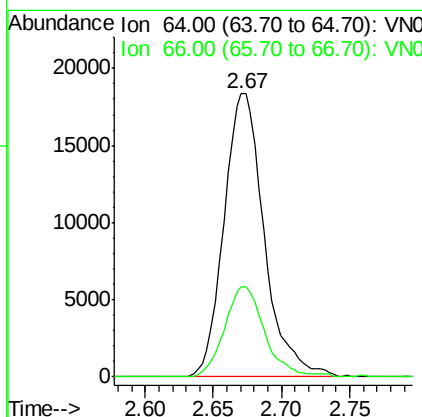
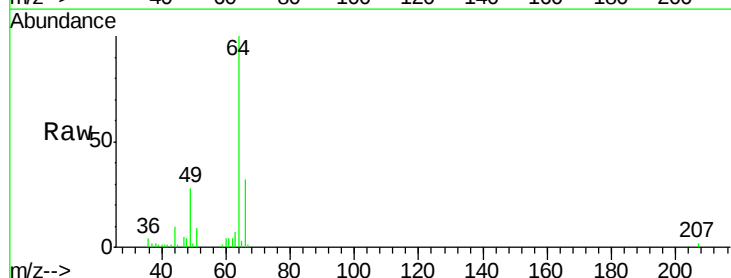
Acq: 13 Jul 2020 12:48

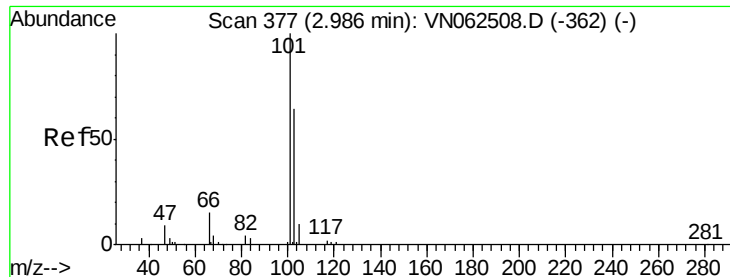
Tgt Ion: 64 Resp: 37593

Ion Ratio Lower Upper

64 100

66 31.9 24.9 37.3





#7

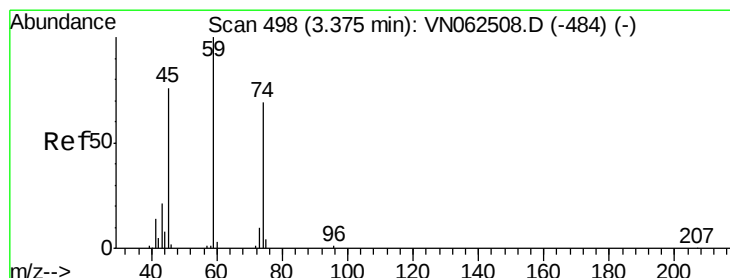
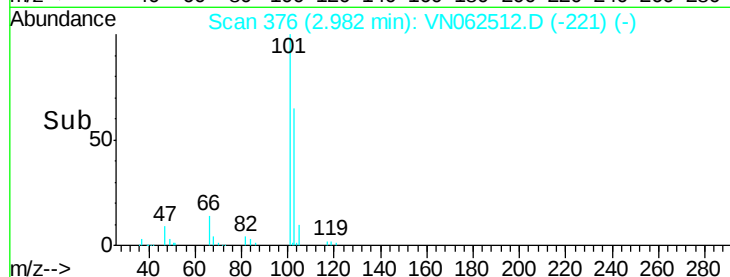
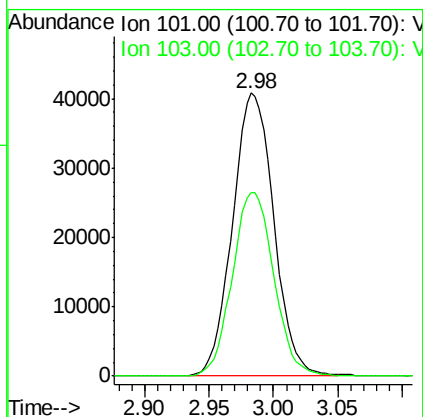
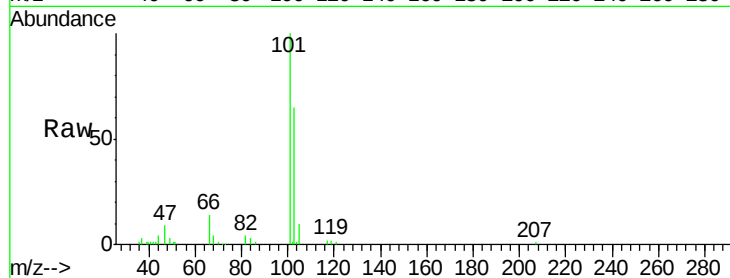
Trichlorofluoromethane
Concen: 21.290 ug/l
RT: 2.98 min Scan# 376
Delta R.T. -0.00 min
Lab File: VN062512.D
Acq: 13 Jul 2020 12:48

Instrument :
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ClientSampleId :
ICVVN071320

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.9	50.9	76.3

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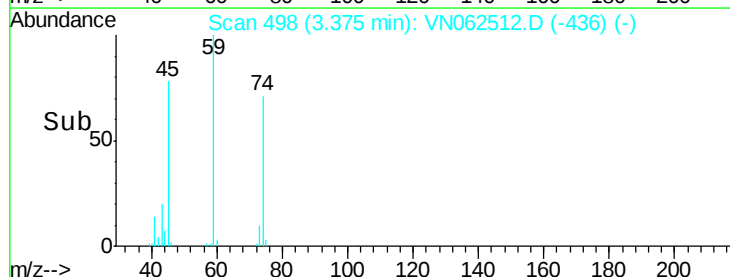
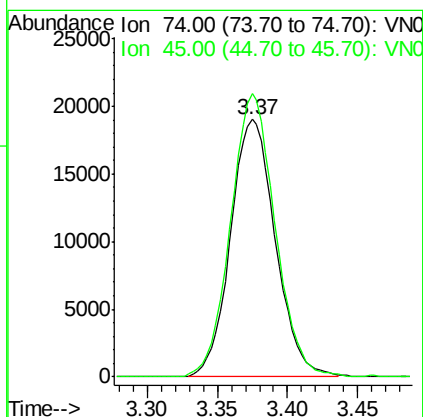
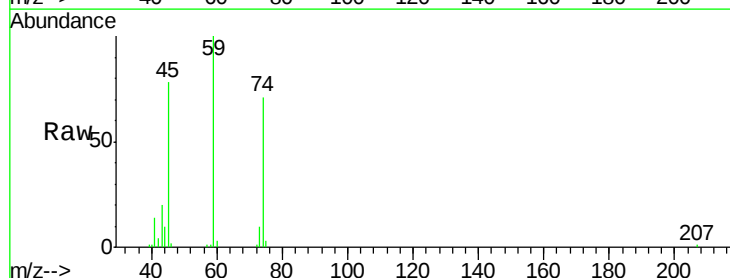
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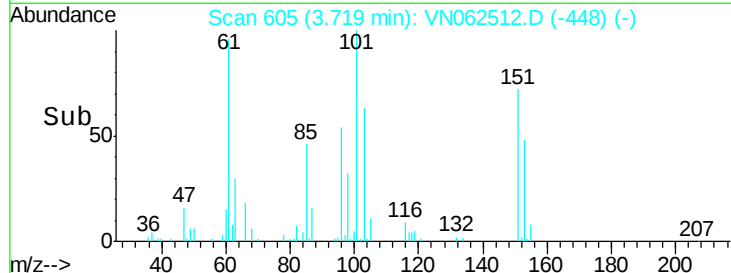
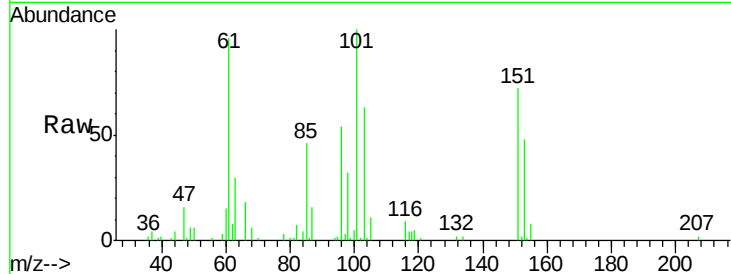
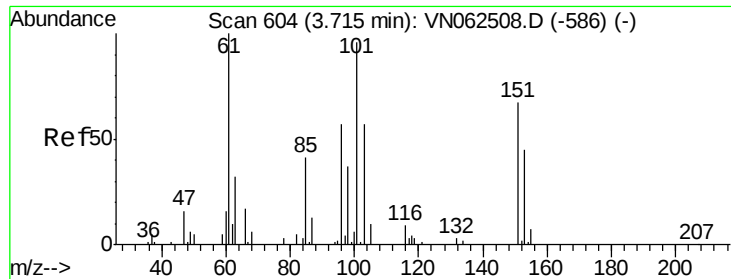


#8

Diethyl Ether
Concen: 20.614 ug/l
RT: 3.37 min Scan# 498
Delta R.T. 0.00 min
Lab File: VN062512.D
Acq: 13 Jul 2020 12:48

Tgt Ion	Ratio	Lower	Upper
74	100		
45	109.1	21.8	196.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.575 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.00 min

Lab File: VN062512.D

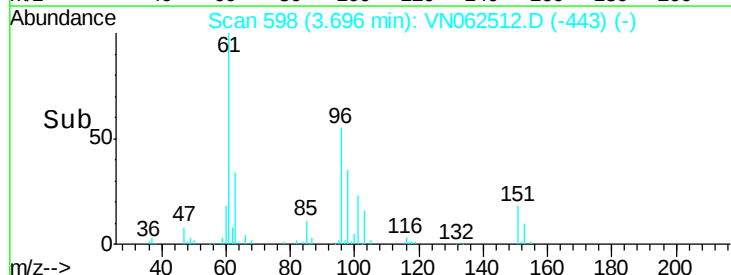
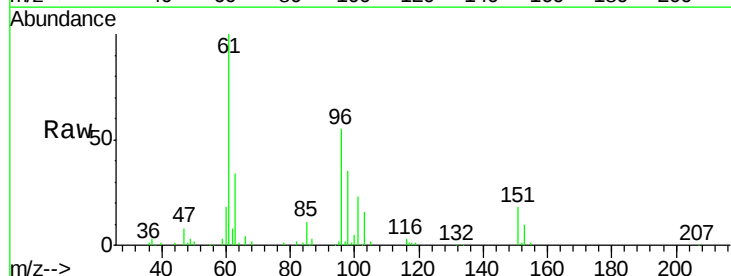
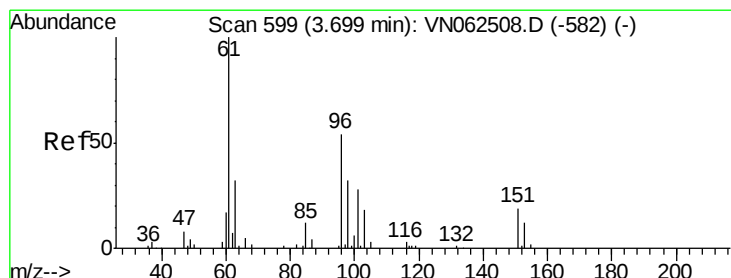
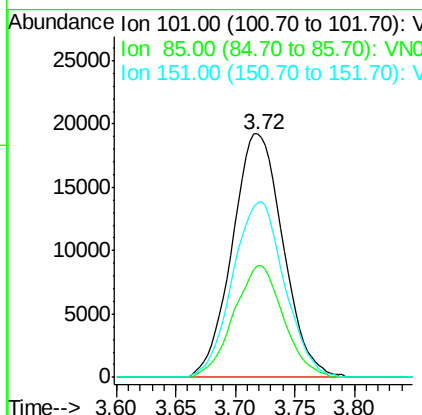
Acq: 13 Jul 2020 12:48

Tot Ion	Ratio	Resp	Lower	Upper
101	100	56867		
85	44.8	0.0	90.4	
151	73.5	0.0	145.6	

Instrument :
MSVOA_N
ClientSampleId :
ICVVN071320

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#10

1,1-Dichloroethene

Concen: 20.389 ug/l

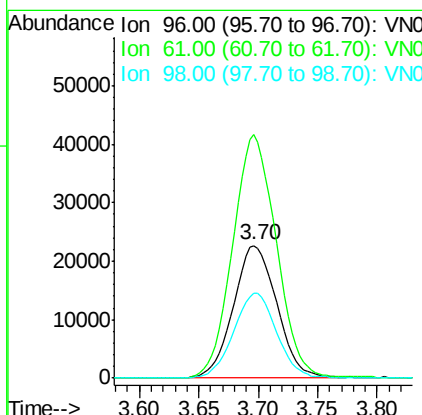
RT: 3.70 min Scan# 598

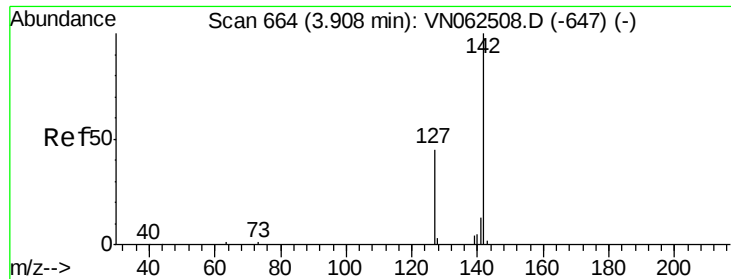
Delta R.T. -0.00 min

Lab File: VN062512.D

Acq: 13 Jul 2020 12:48

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	57489		
61	183.3	147.8	221.8	
98	63.8	47.8	71.8	





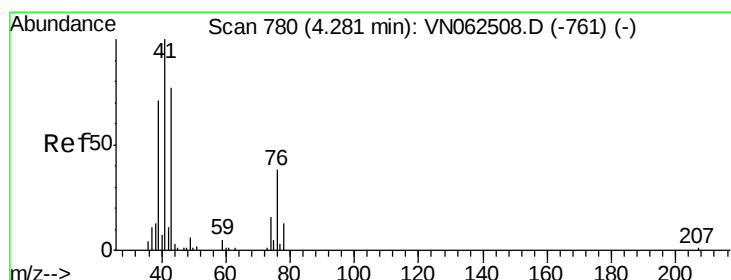
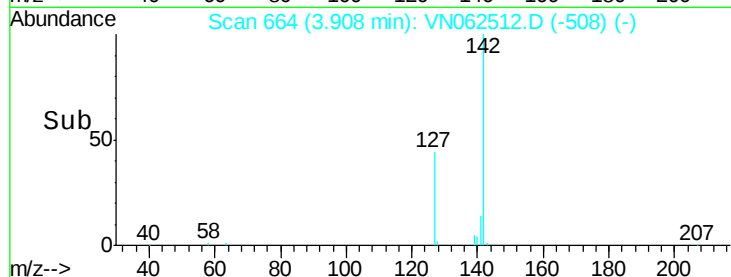
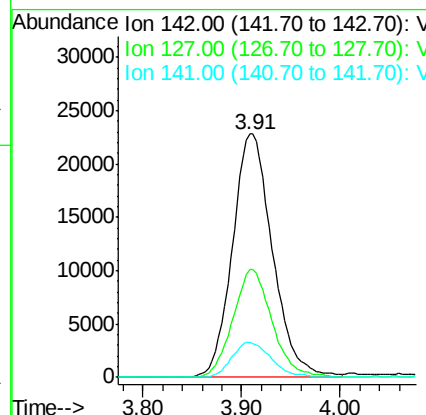
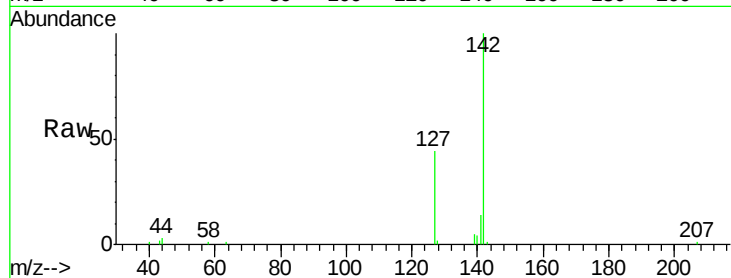
#11
Methvl Iodide
Concen: 18.695 ug/l
RT: 3.91 min Scan# 664
Delta R.T. 0.00 min
Lab File: VN062512.D
Acq: 13 Jul 2020 12:48

Instrument :
MSVOA_N
ClientSampleId :
ICVVN071320

Tot Ion	Ratio	Lower	Upper
142	100		
127	44.4	22.1	66.5
141	14.5	6.5	19.4

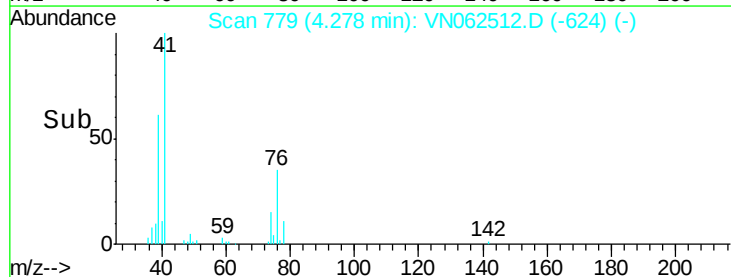
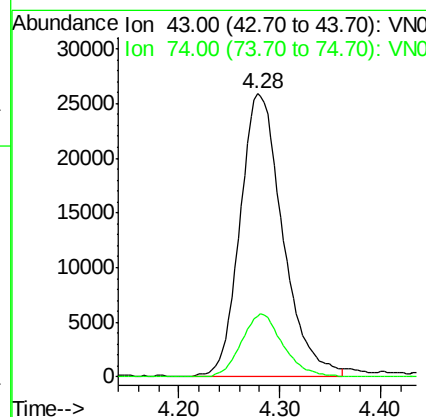
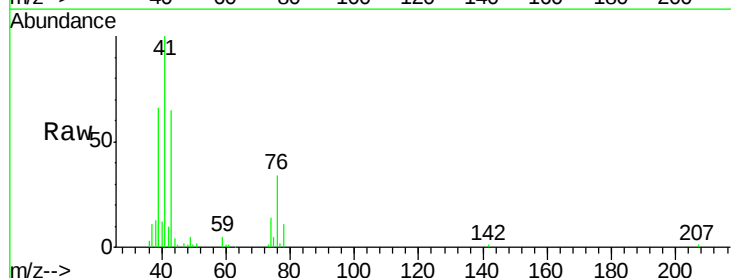
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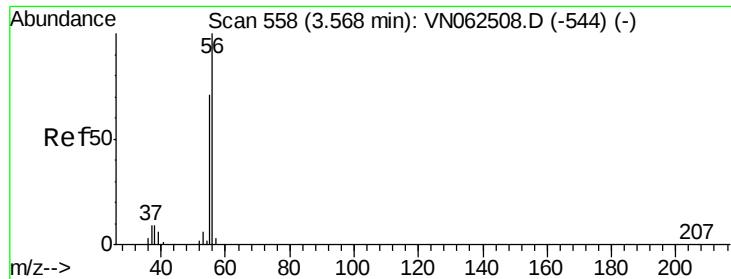
MMDadoda
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#12
Methyl Acetate
Concen: 20.161 ug/l
RT: 4.28 min Scan# 779
Delta R.T. -0.00 min
Lab File: VN062512.D
Acq: 13 Jul 2020 12:48

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.9	16.7	25.1





#13

Acrolein

Concen: 97.450 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN062512.D

Acq: 13 Jul 2020 12:48

Instrument :

MSVOA_N

ClientSampleId :

ICVVN071320

Tot Ion: 56 Resp: 55059

Ion Ratio Lower Upper

56 100

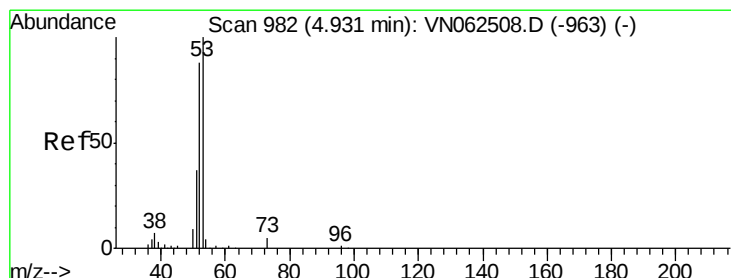
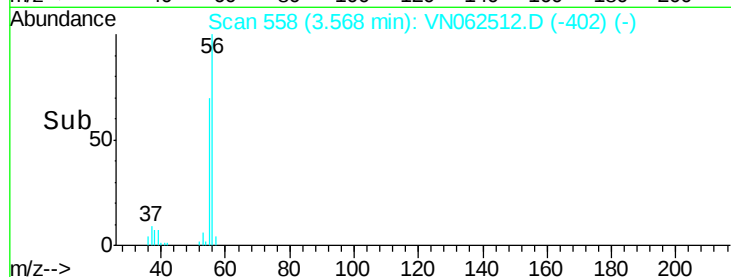
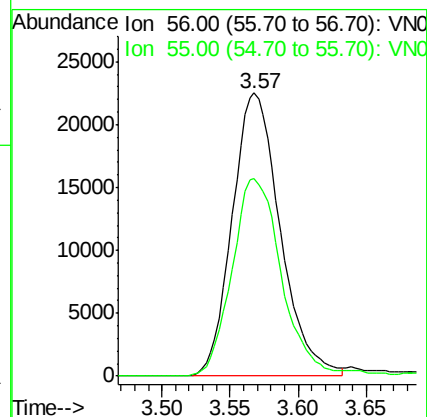
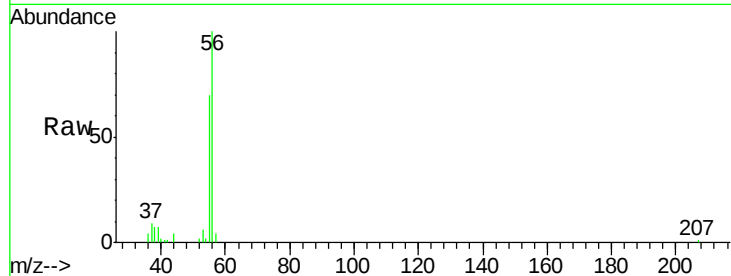
55 71.6 56.0 84.0

Manual Integrations

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#14

Acrylonitrile

Concen: 100.963 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN062512.D

Acq: 13 Jul 2020 12:48

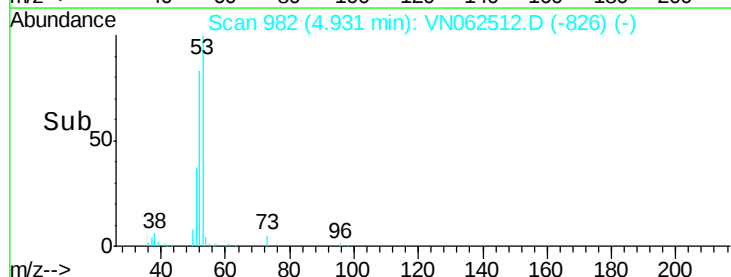
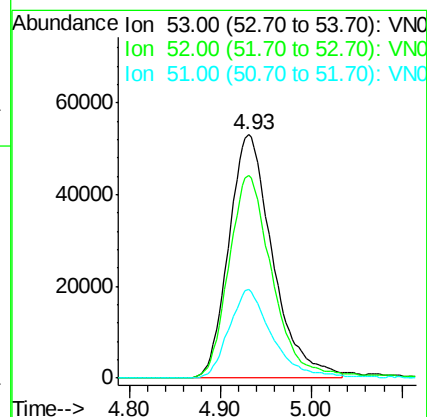
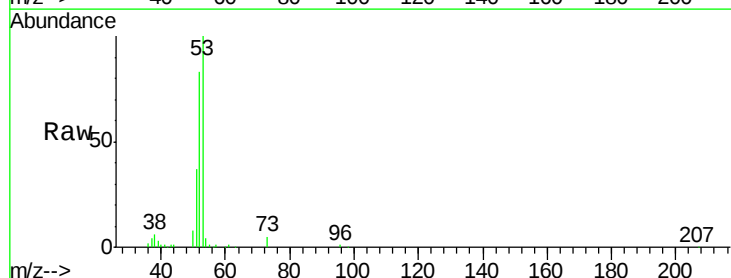
Tgt Ion: 53 Resp: 177567

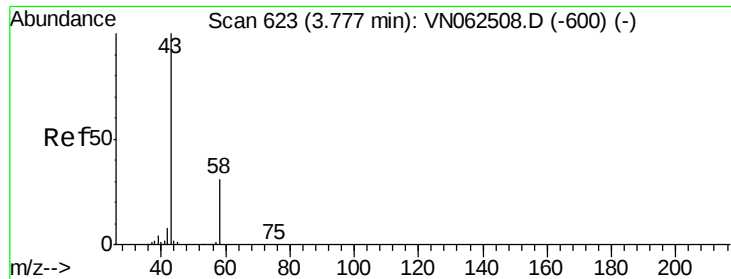
Ion Ratio Lower Upper

53 100

52 82.0 41.8 125.4

51 34.8 18.5 55.5





#15

Acetone

Concen: 97.523 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN062512.D

Acq: 13 Jul 2020 12:48

Instrument :

MSVOA_N

ClientSampleId :

ICVVN071320

Tot Ion: 58 Resp: 52652

Ion Ratio Lower Upper

58 100

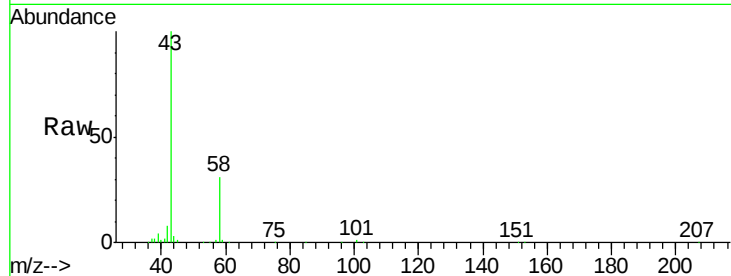
43 314.7 261.1 391.7

Manual Integrations

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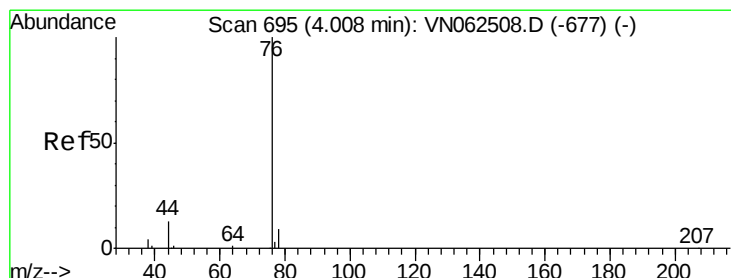
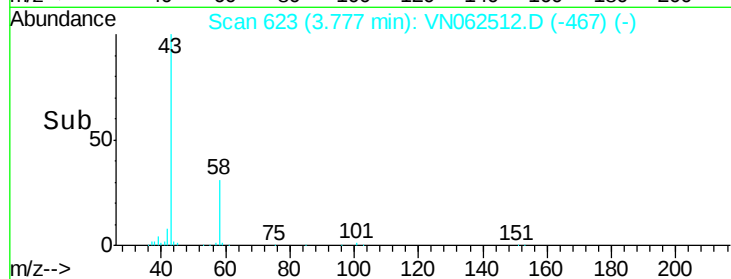
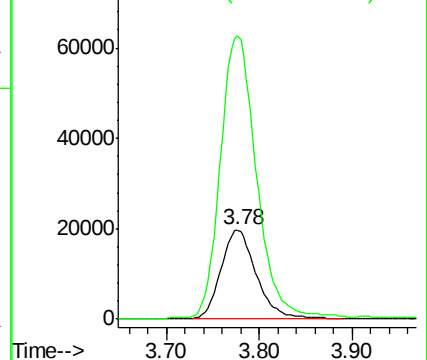
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Abundance Ion 58.00 (57.70 to 58.70): VN0

Ion 43.00 (42.70 to 43.70): VN0



#16

Carbon Disulfide

Concen: 20.389 ug/l

RT: 4.01 min Scan# 696

Delta R.T. 0.00 min

Lab File: VN062512.D

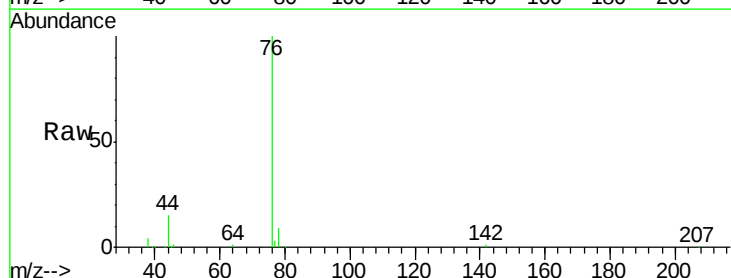
Acq: 13 Jul 2020 12:48

Tgt Ion: 76 Resp: 187347

Ion Ratio Lower Upper

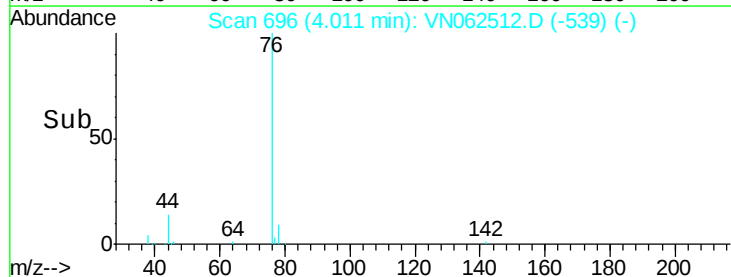
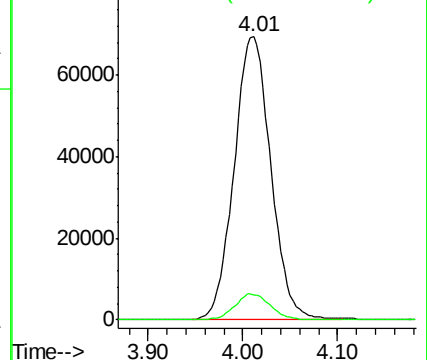
76 100

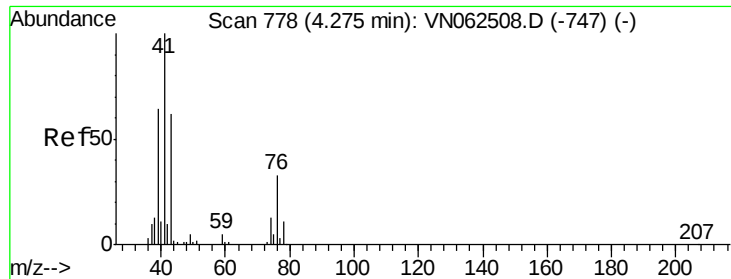
78 9.0 7.4 11.0



Abundance Ion 76.00 (75.70 to 76.70): VN0

Ion 78.00 (77.70 to 78.70): VN0





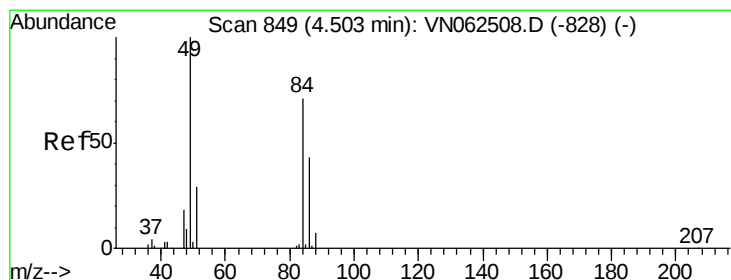
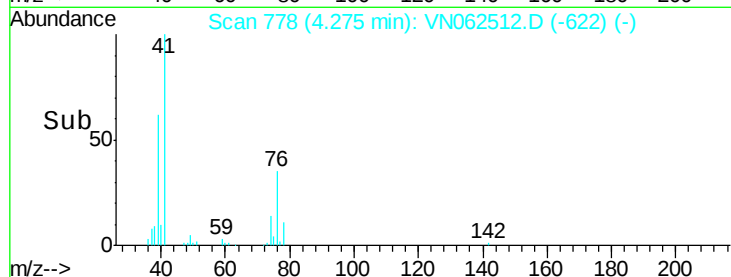
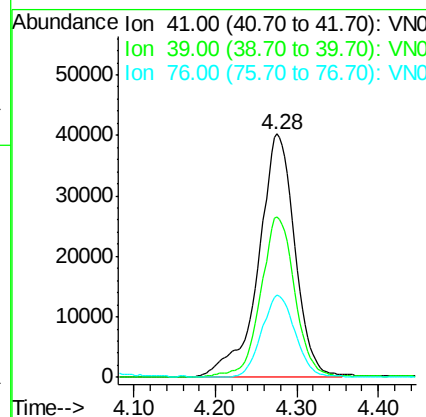
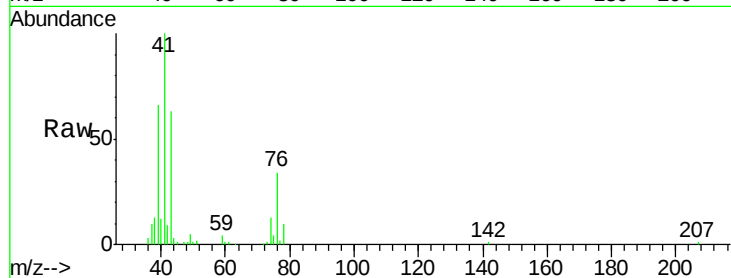
#17
Allvl chloride
Concen: 20.890 ug/l
RT: 4.28 min Scan# 778
Delta R.T. 0.00 min
Lab File: VN062512.D
Acq: 13 Jul 2020 12:48

Instrument :
MSVOA_N
ClientSampleId :
ICVVN071320

Tot Ion	Ratio	Resp	Lower	Upper
41	100			
39	65.9	31.9	95.5	
76	33.4	16.6	49.8	

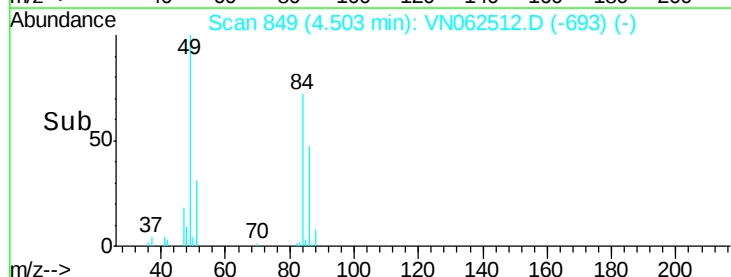
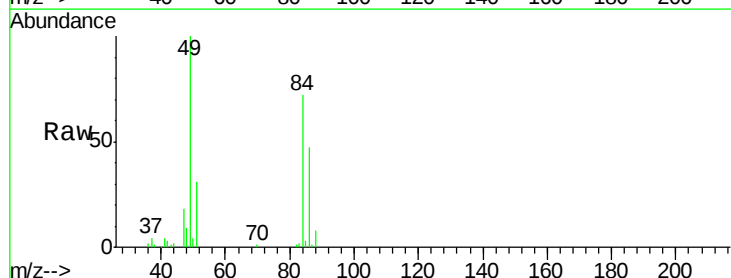
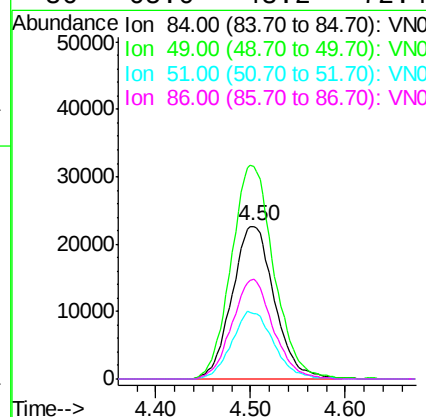
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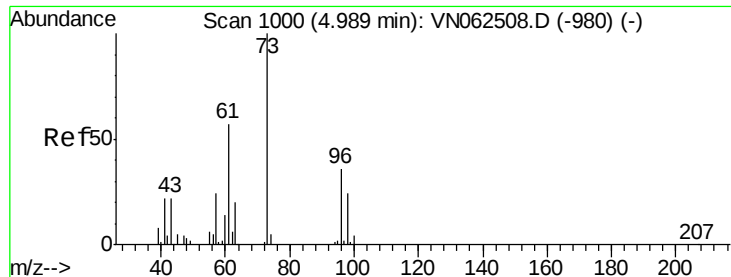
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#18
Methylene Chloride
Concen: 20.338 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.00 min
Lab File: VN062512.D
Acq: 13 Jul 2020 12:48

Tgt Ion	Ratio	Resp	Lower	Upper
84	100			
49	138.8	112.1	168.1	
51	42.8	33.0	49.4	
86	65.0	48.2	72.4	





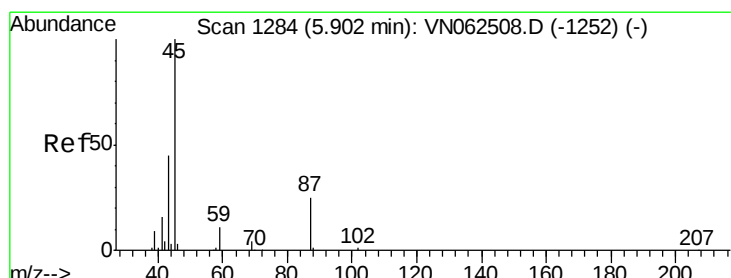
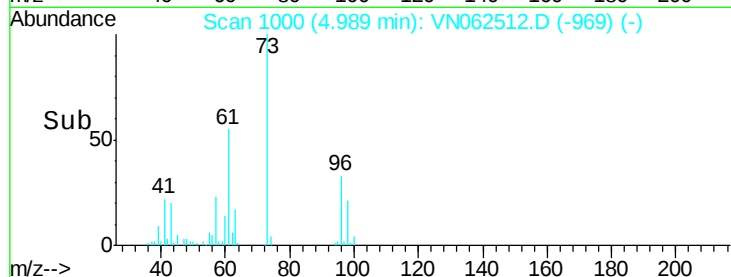
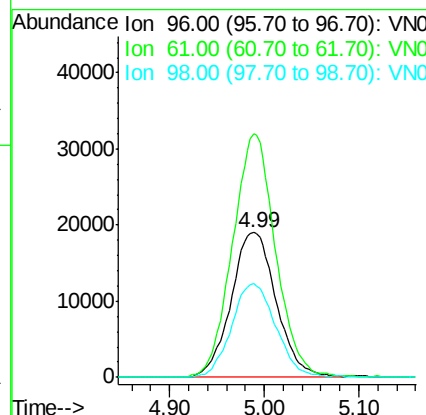
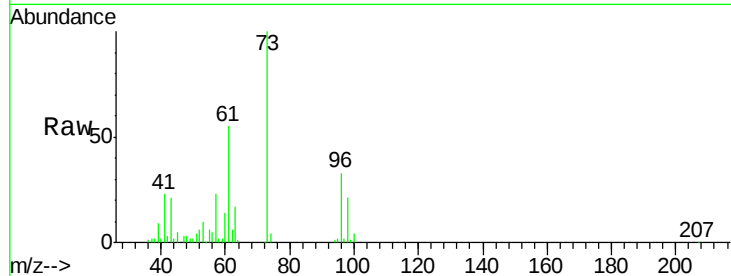
#19
trans-1,2-Dichloroethene
Concen: 20.141 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. 0.00 min
Lab File: VN062512.D
Acq: 13 Jul 2020 12:48

Instrument :
MSVOA_N
ClientSampleId :
ICVVN071320

Tot Ion	Ratio	Lower	Upper
96	100		
61	167.2	125.7	188.5
98	64.5	54.1	81.1

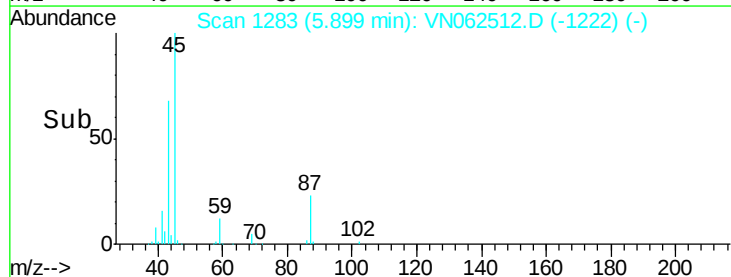
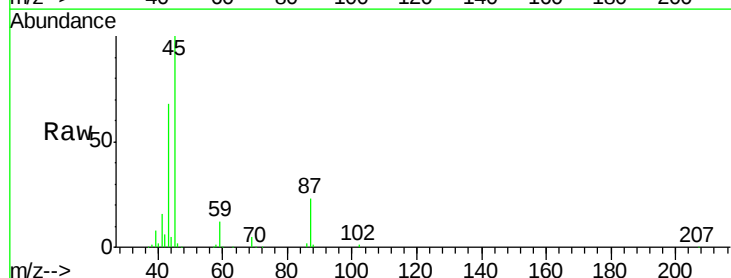
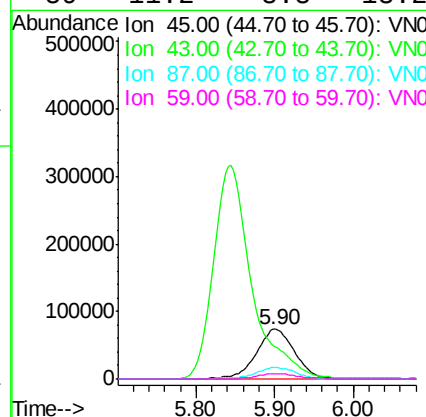
Manual Integrations
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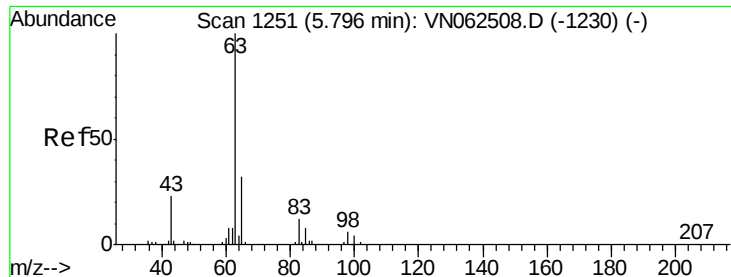
MMDadoda
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#20
Diisopropyl ether
Concen: 20.577 ug/l
RT: 5.90 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VN062512.D
Acq: 13 Jul 2020 12:48

Tgt Ion	Ratio	Lower	Upper
45	100		
43	64.6	51.3	76.9
87	22.6	19.8	29.6
59	11.2	8.8	13.2





#21

1,1-Dichloroethane

Concen: 20.644 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VN062512.D

Acq: 13 Jul 2020 12:48

Instrument :

MSVOA_N

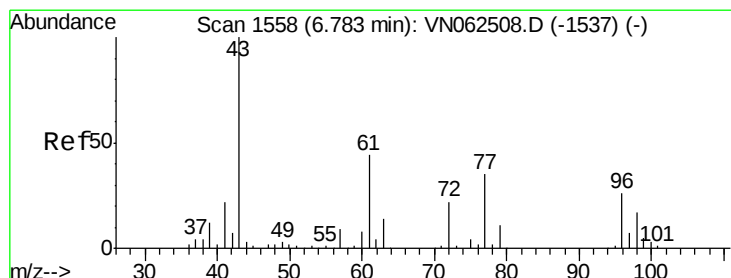
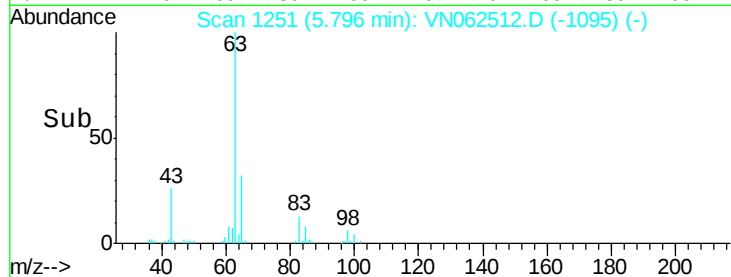
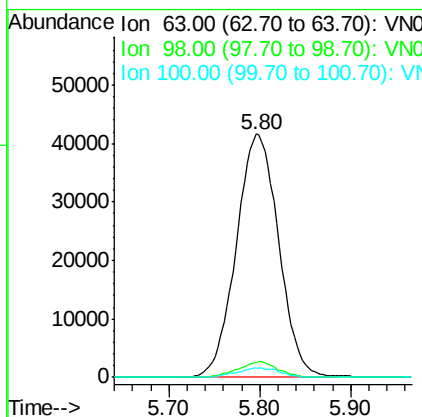
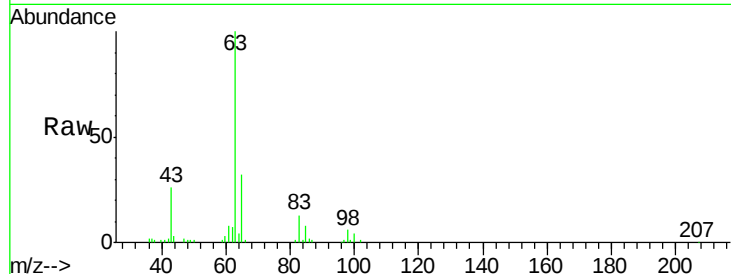
ClientSampleId :

ICVVN071320

Tot Ion	63	Resp	134545
Ion Ratio	Lower	Upper	
63	100		
98	6.1	2.8	8.4
100	3.8	2.0	5.8

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#22

cis-1,2-Dichloroethene

Concen: 20.586 ug/l

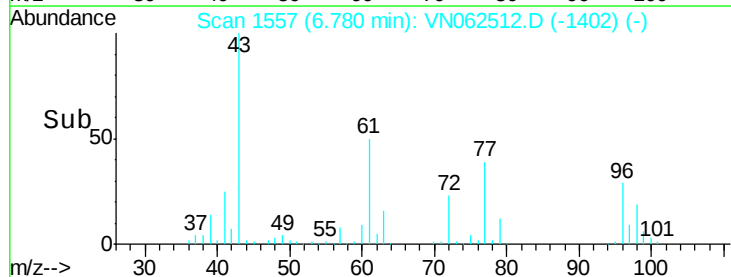
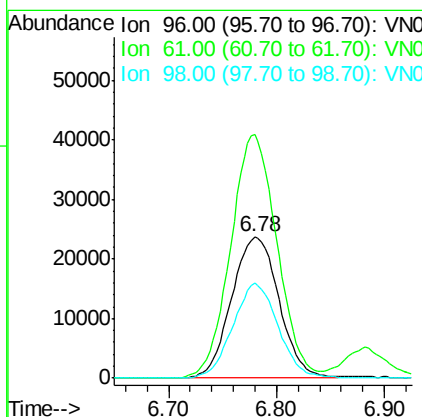
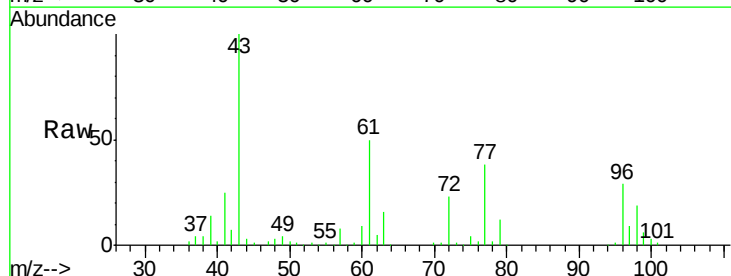
RT: 6.78 min Scan# 1557

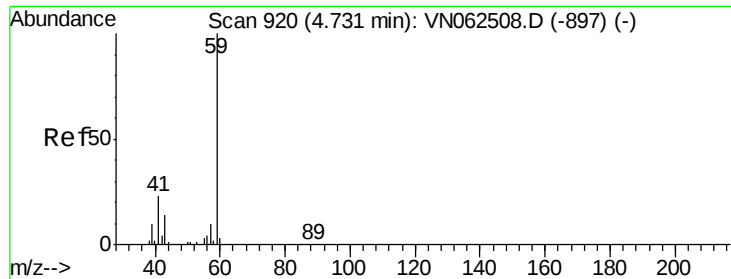
Delta R.T. -0.00 min

Lab File: VN062512.D

Acq: 13 Jul 2020 12:48

Tgt Ion	96	Resp	72452
Ion Ratio	Lower	Upper	
96	100		
61	168.2	134.9	202.3
98	64.1	51.5	77.3





#23

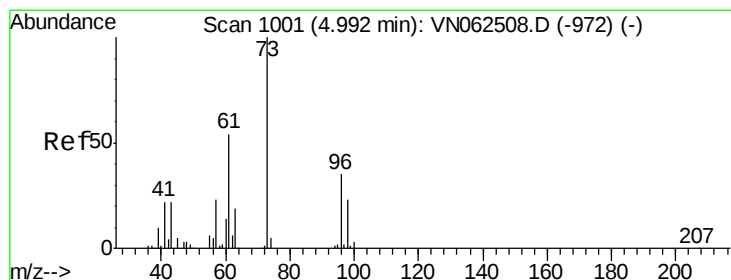
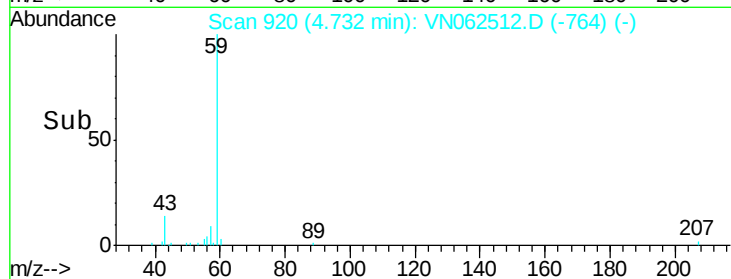
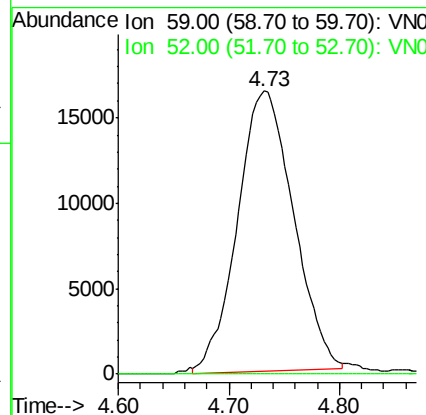
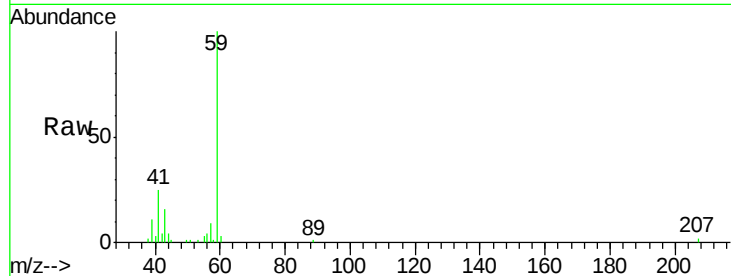
tert-Butyl Alcohol
 Concen: 98.218 ug/l
 RT: 4.73 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: VN062512.D
 Acq: 13 Jul 2020 12:48

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN071320

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.0	0.0	0.0

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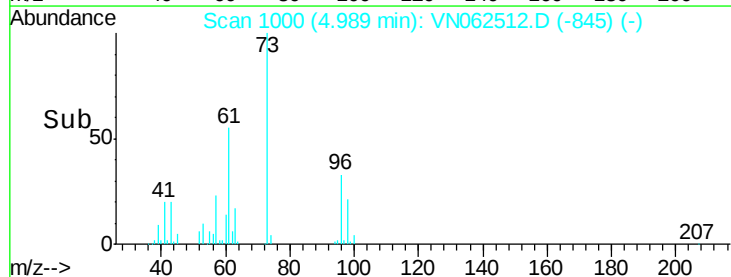
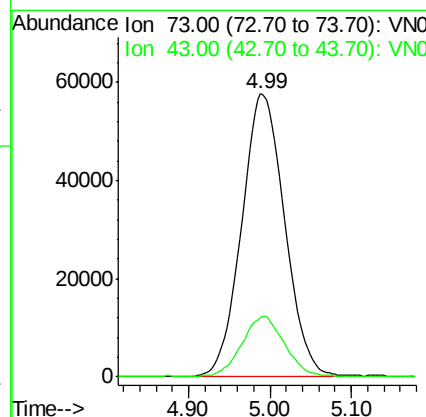
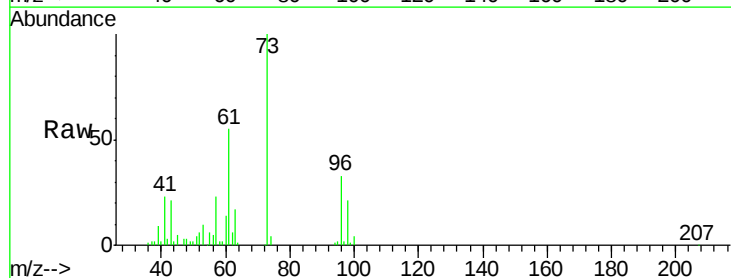
MMDadoda
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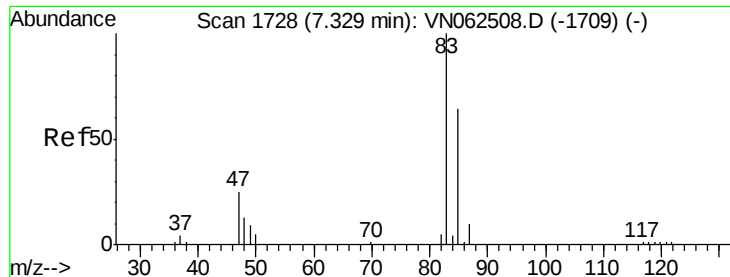


#24

Methyl tert-Butyl Ether
 Concen: 20.315 ug/l
 RT: 4.99 min Scan# 1000
 Delta R.T. -0.00 min
 Lab File: VN062512.D
 Acq: 13 Jul 2020 12:48

Tgt Ion	Ratio	Lower	Upper
73	100		
43	21.4	16.9	25.3





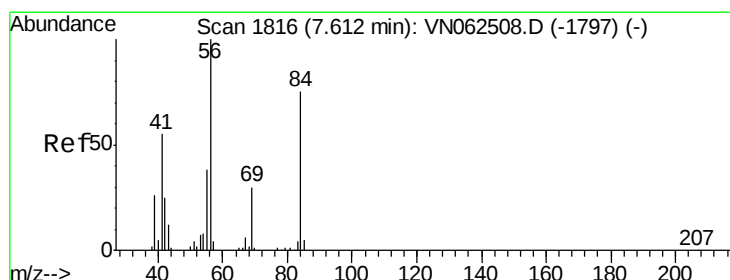
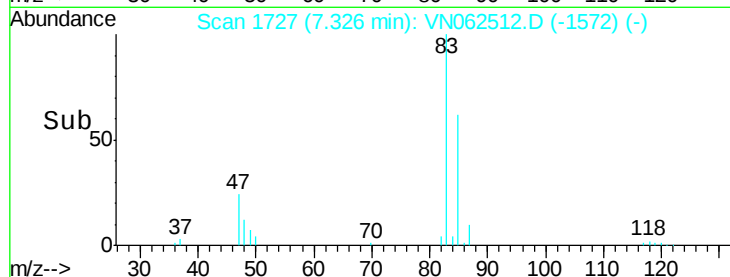
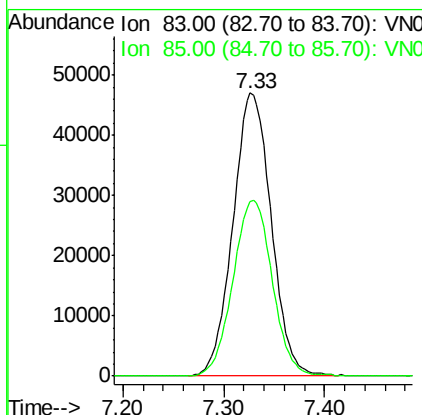
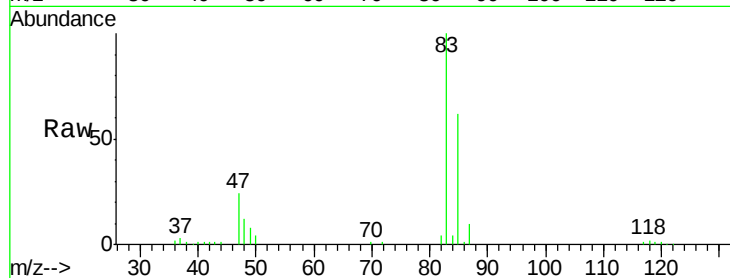
#25
Chloroform
Concen: 20.748 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN062512.D
Acq: 13 Jul 2020 12:48

Instrument :
MSVOA_N
ClientSampleId :
ICVVN071320

Tot Ion	83	Resp	124006
Ion Ratio	100	Lower	Upper
83	100		
85	61.6	51.0	76.4

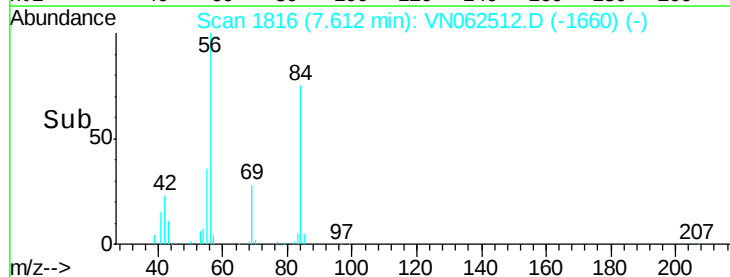
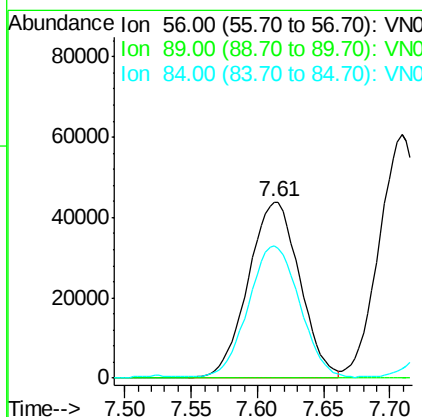
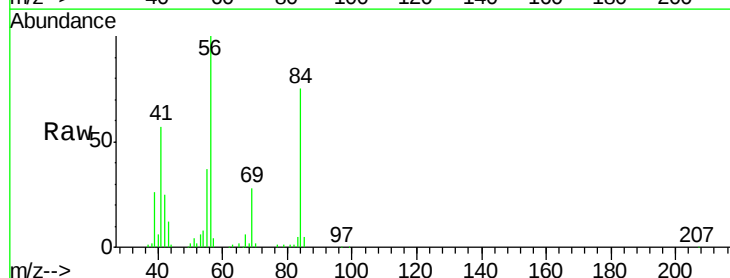
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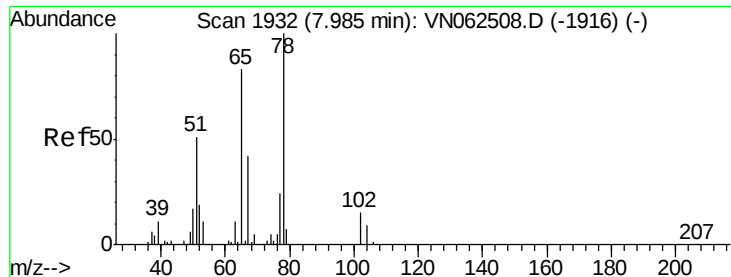
MMDadoda
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#26
Cyclohexane
Concen: 20.630 ug/l
RT: 7.61 min Scan# 1816
Delta R.T. 0.00 min
Lab File: VN062512.D
Acq: 13 Jul 2020 12:48

Tgt Ion	56	Resp	118510
Ion Ratio	100	Lower	Upper
56	100		
89	0.0	0.0	0.0
84	75.4	61.1	91.7





#27

1,2-Dichloroethane-d4

Concen: 29.516 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. 0.00 min

Lab File: VN062512.D

Acq: 13 Jul 2020 12:48

Instrument :

MSVOA_N

ClientSampleId :

ICVVN071320

Tot Ion: 65 Resp: 124156

Ion Ratio Lower Upper

65 100

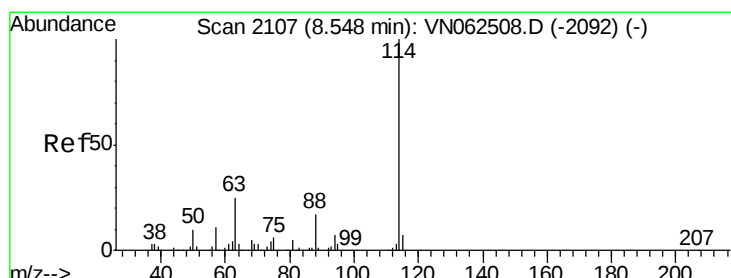
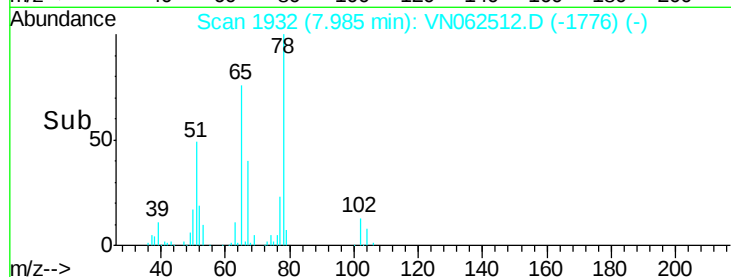
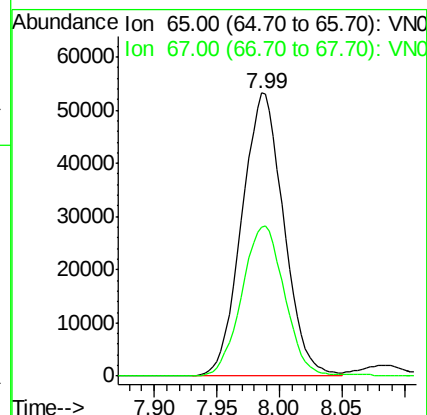
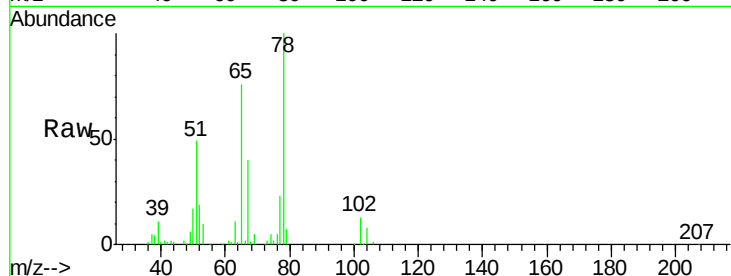
67 53.8 41.7 62.5

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#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.55 min Scan# 2107

Delta R.T. 0.00 min

Lab File: VN062512.D

Acq: 13 Jul 2020 12:48

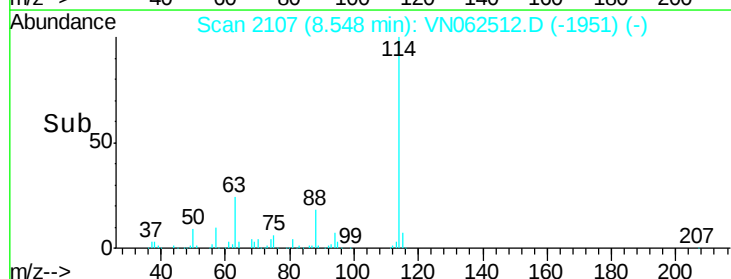
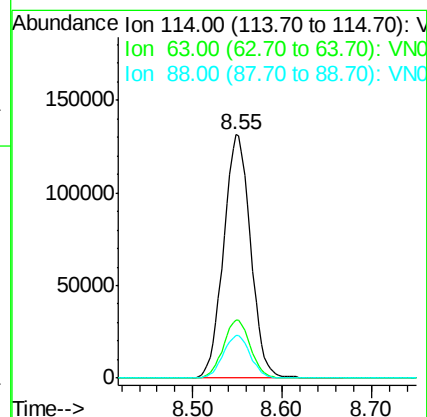
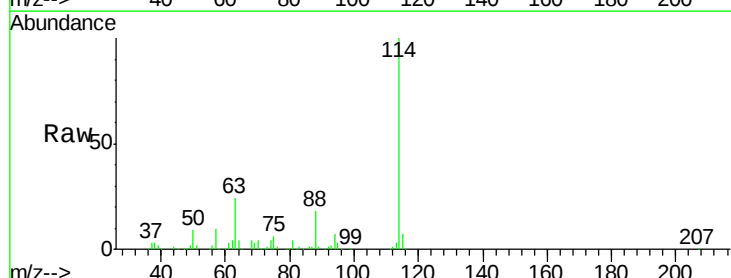
Tgt Ion: 114 Resp: 275983

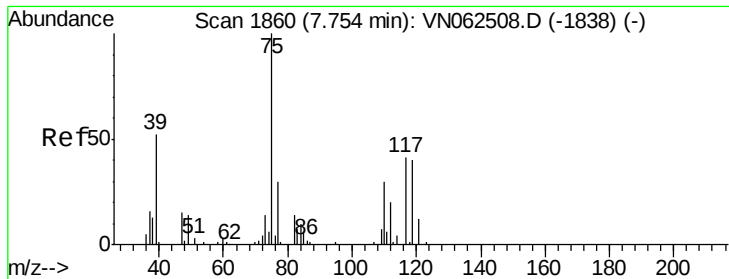
Ion Ratio Lower Upper

114 100

63 23.8 19.4 29.0

88 17.6 13.5 20.3





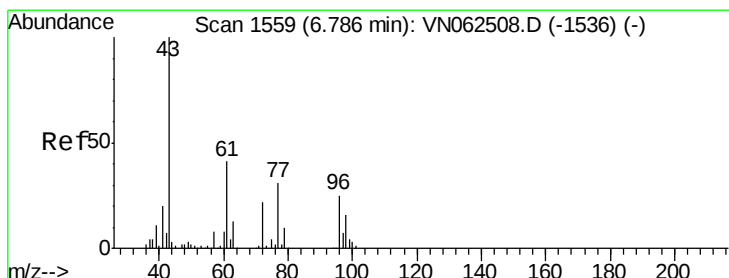
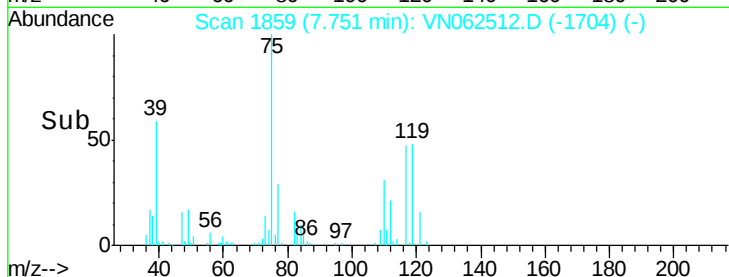
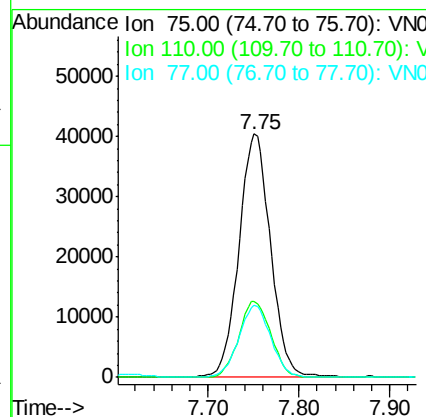
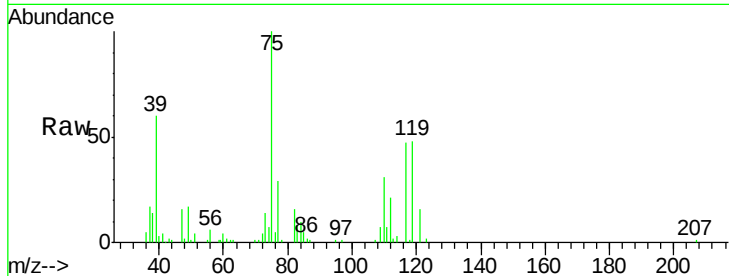
#29
 1,1-Dichloropropene
 Concen: 20.849 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN062512.D
 Acq: 13 Jul 2020 12:48

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN071320

Tot Ion	Ratio	Lower	Upper
75	100		
110	31.4	0.0	62.4
77	29.9	0.0	62.8

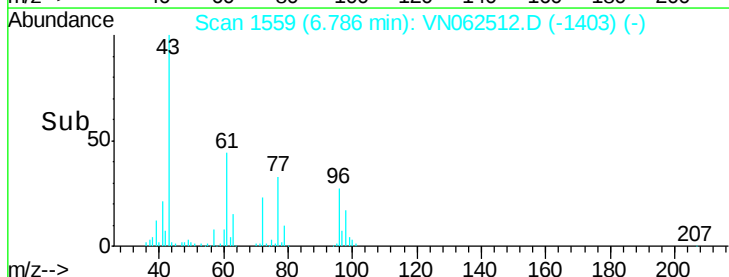
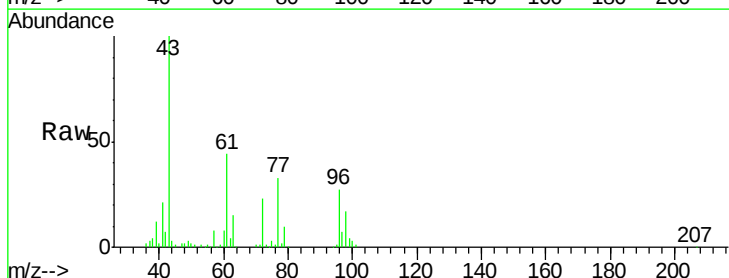
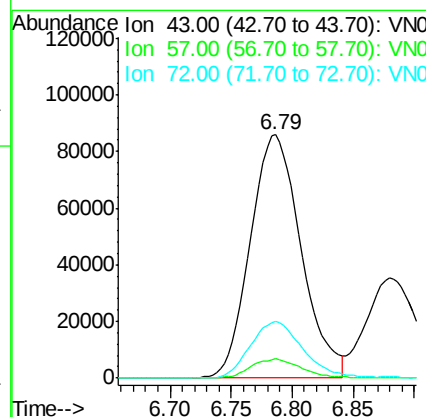
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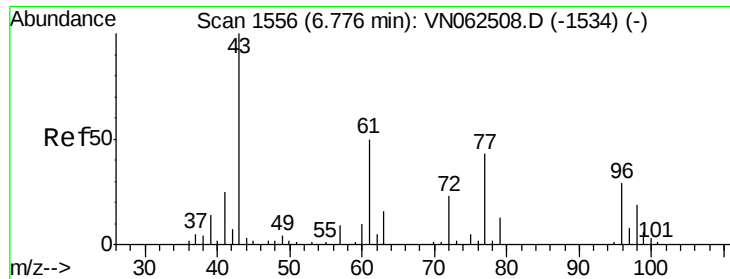
MMDadoda
 7/14/2020 11:36:47 AM



#30
 2-Butanone
 Concen: 99.652 ug/l
 RT: 6.79 min Scan# 1559
 Delta R.T. 0.00 min
 Lab File: VN062512.D
 Acq: 13 Jul 2020 12:48

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.0	6.6	9.8
72	24.2	18.5	27.7





#31

2,2-Dichloropropane

Concen: 20.276 ug/l

RT: 6.77 min Scan# 1555

Delta R.T. -0.00 min

Lab File: VN062512.D

Acq: 13 Jul 2020 12:48

Instrument :

MSVOA_N

ClientSampleId :

ICVVN071320

Tot Ion: 77 Resp: 107028

Ion Ratio Lower Upper

77 100

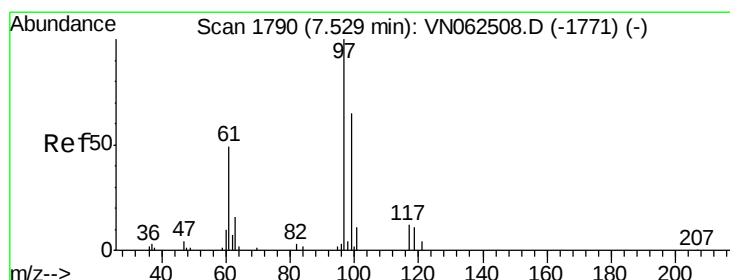
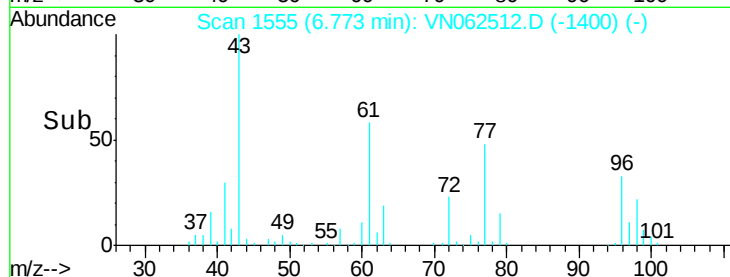
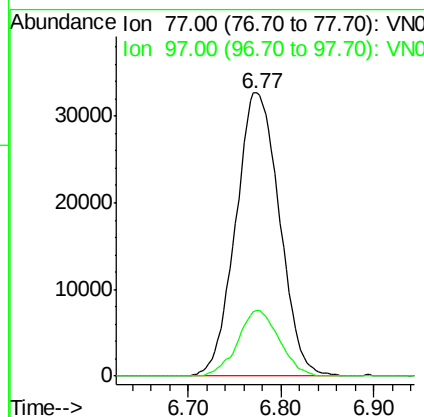
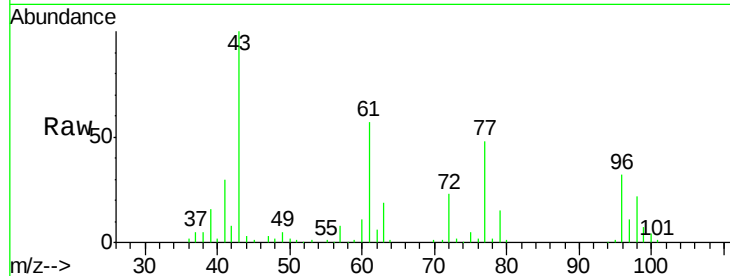
97 22.0 8.6 12.8#

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#32

1,1,1-Trichloroethane

Concen: 20.396 ug/l

RT: 7.53 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VN062512.D

Acq: 13 Jul 2020 12:48

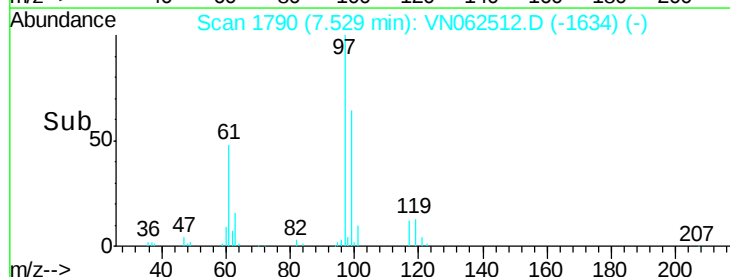
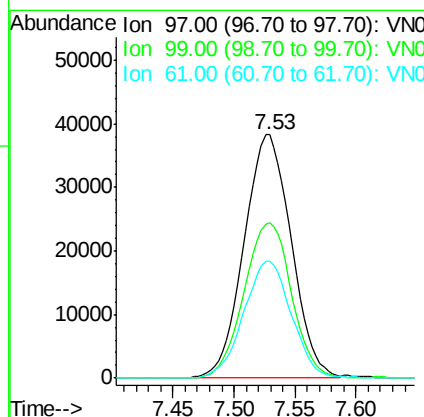
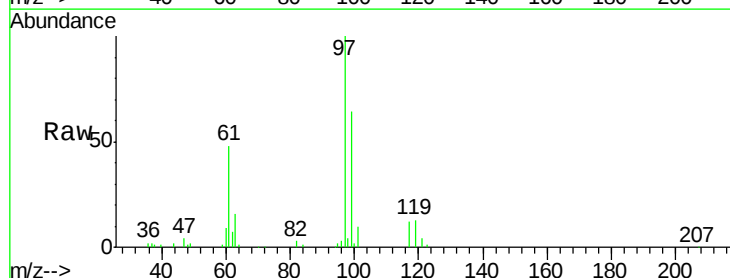
Tgt Ion: 97 Resp: 102620

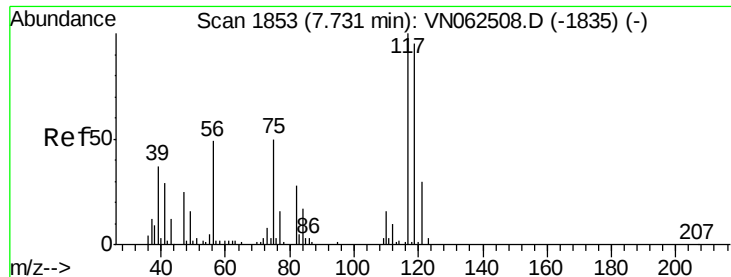
Ion Ratio Lower Upper

97 100

99 64.1 51.8 77.8

61 48.4 39.4 59.0





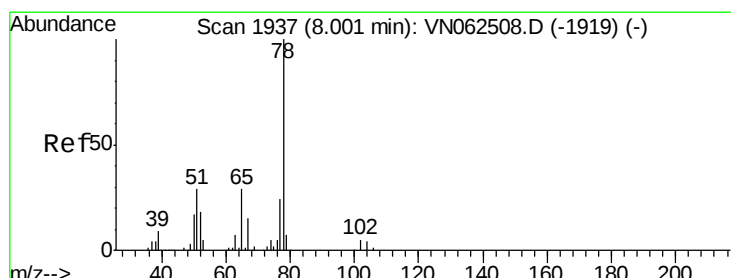
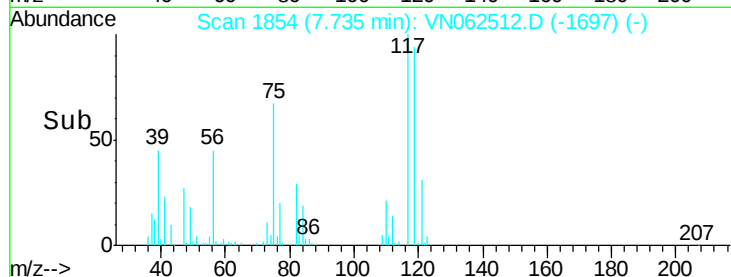
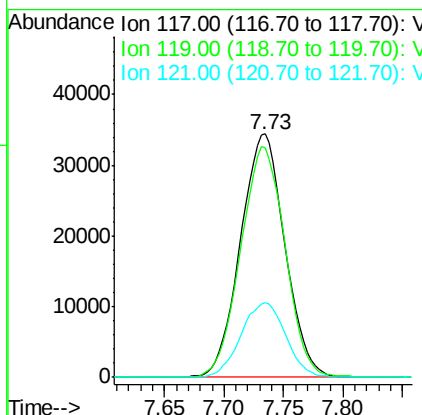
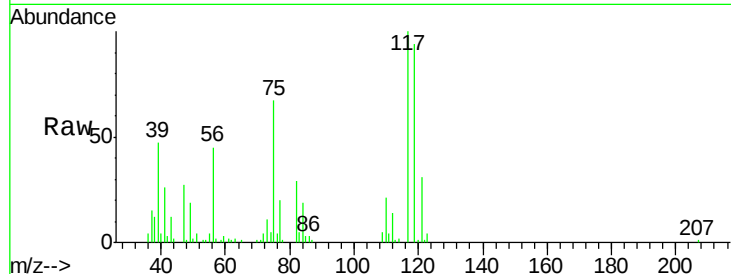
#33
Carbon Tetrachloride
Concen: 20.423 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VN062512.D
Acq: 13 Jul 2020 12:48

Instrument :
MSVOA_N
ClientSampleId :
ICVVN071320

Tot Ion	Ratio	Lower	Upper
117	100		
119	94.3	76.2	114.4
121	30.9	23.8	35.6

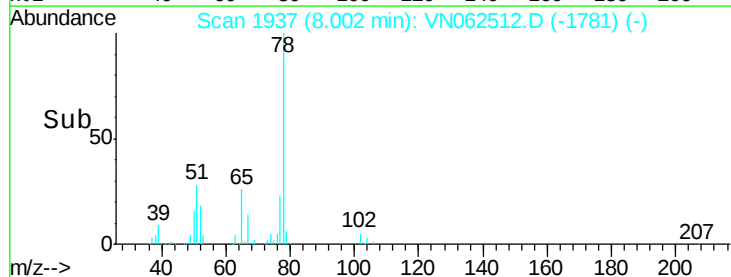
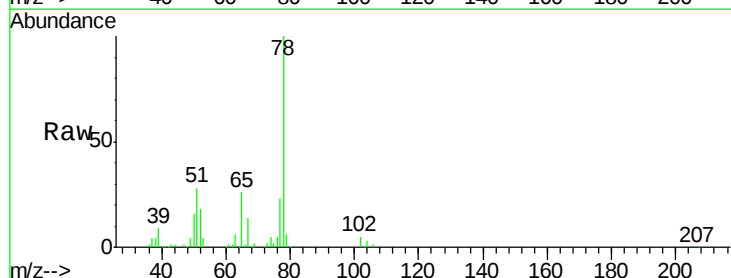
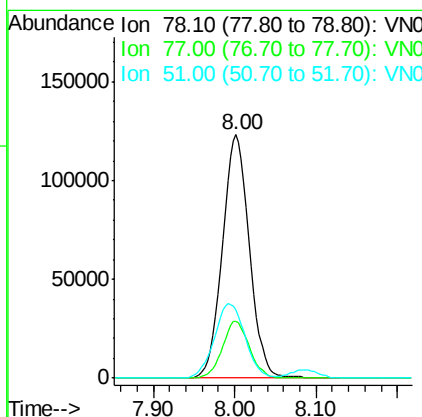
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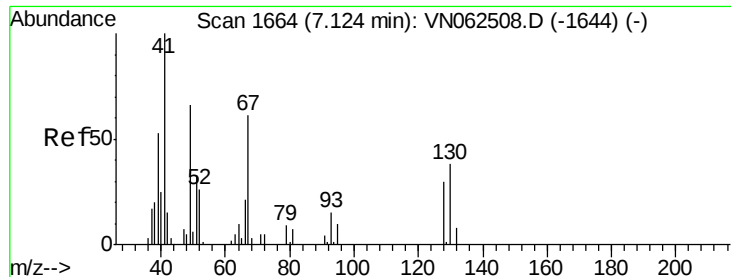
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#34
Benzene
Concen: 20.685 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VN062512.D
Acq: 13 Jul 2020 12:48

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.9	28.3
51	27.6	23.1	34.7





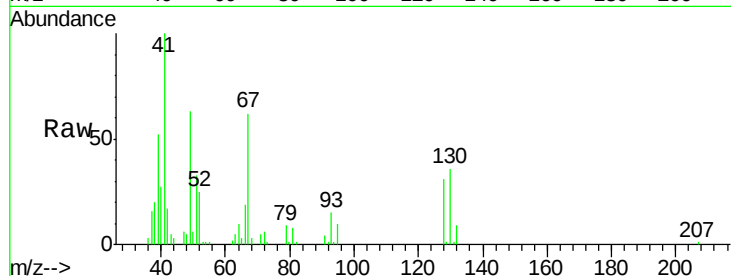
#35
Methacrylonitrile
Concen: 21.357 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. 0.00 min
Lab File: VN062512.D
Acq: 13 Jul 2020 12:48

Instrument :
MSVOA_N
ClientSampleId :
ICVVN071320

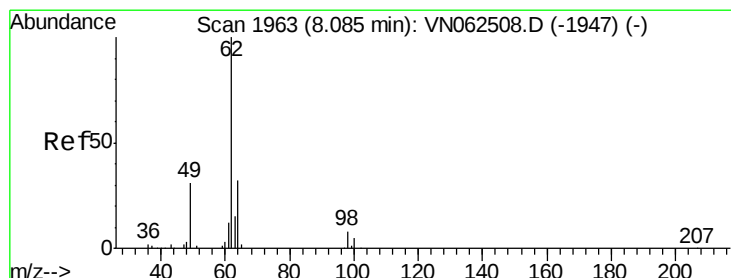
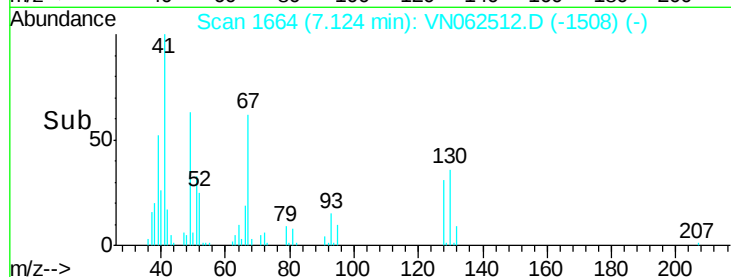
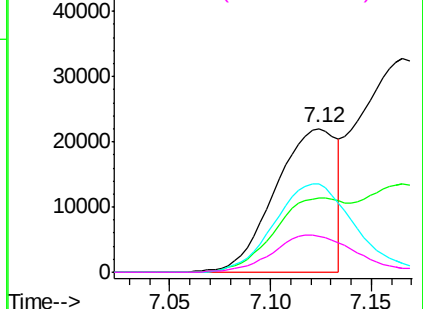
Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	51.8	26.5	79.5	
67	62.0	30.7	92.1	
52	25.0	13.0	39.0	

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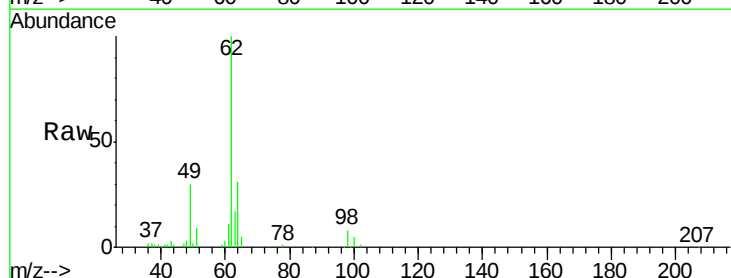


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

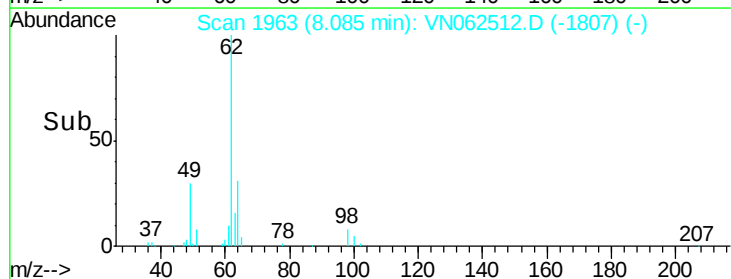
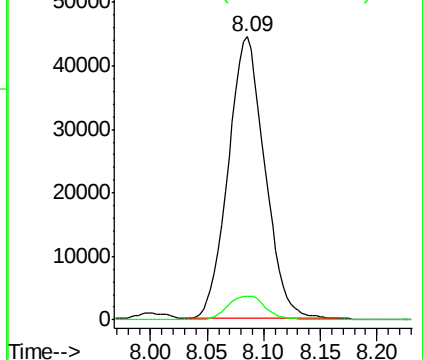


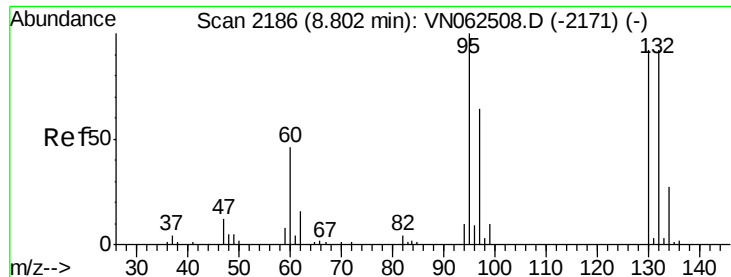
#36
1,2-Dichloroethane
Concen: 20.069 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VN062512.D
Acq: 13 Jul 2020 12:48

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.7	6.6	9.8	



Abundance Ion 62.00 (61.70 to 62.70): VN0
Ion 98.00 (97.70 to 98.70): VN0





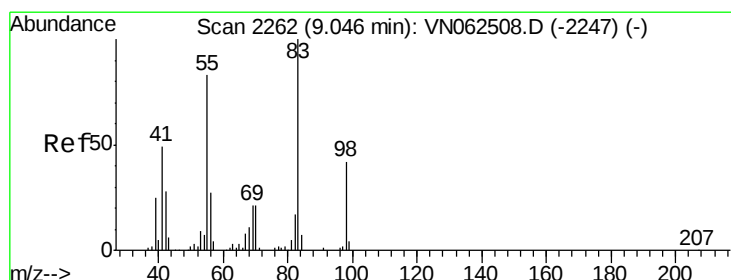
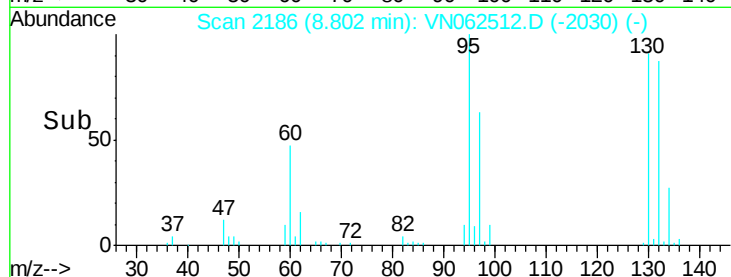
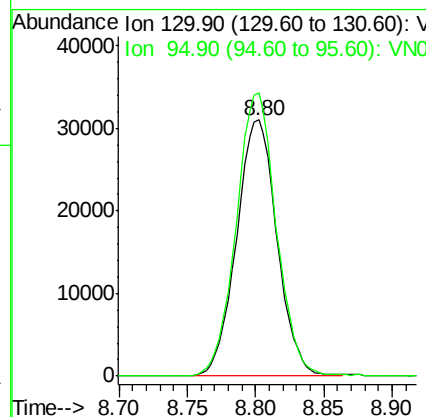
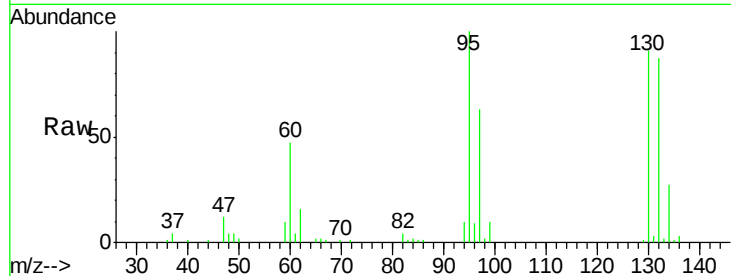
#37
 Trichloroethene
 Concen: 20.480 ug/l
 RT: 8.80 min Scan# 2186
 Delta R.T. 0.00 min
 Lab File: VN062512.D
 Acq: 13 Jul 2020 12:48

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN071320

Tot Ion:130 Resp: 63979
 Ion Ratio Lower Upper
 130 100
 95 110.4 86.5 129.7

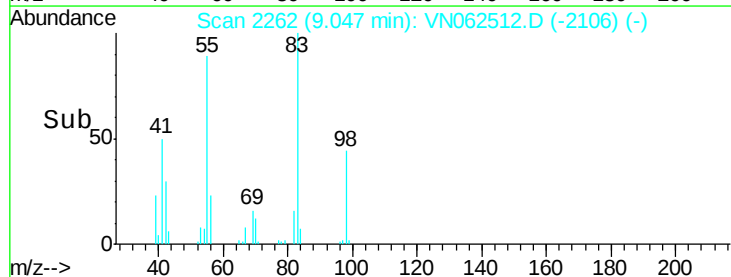
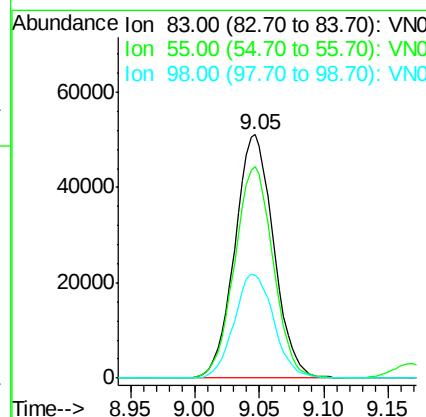
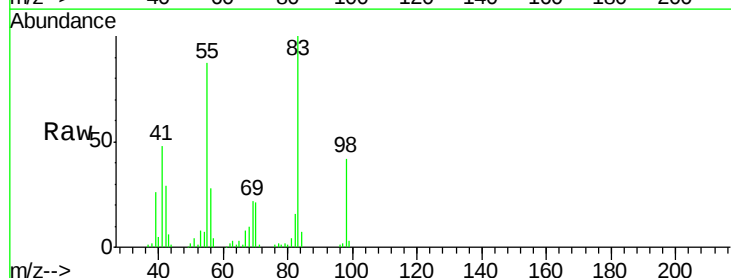
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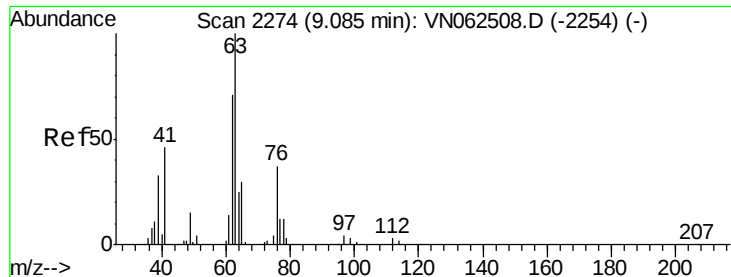
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#38
 Methylcyclohexane
 Concen: 20.366 ug/l
 RT: 9.05 min Scan# 2262
 Delta R.T. 0.00 min
 Lab File: VN062512.D
 Acq: 13 Jul 2020 12:48

Tgt Ion: 83 Resp: 106953
 Ion Ratio Lower Upper
 83 100
 55 86.4 42.8 128.3
 98 43.5 21.9 65.7





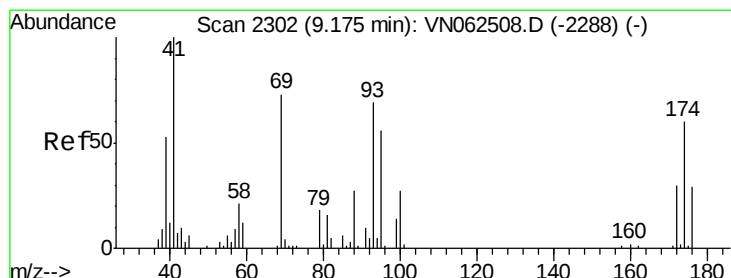
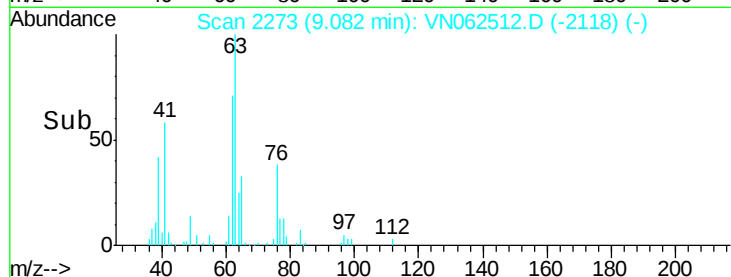
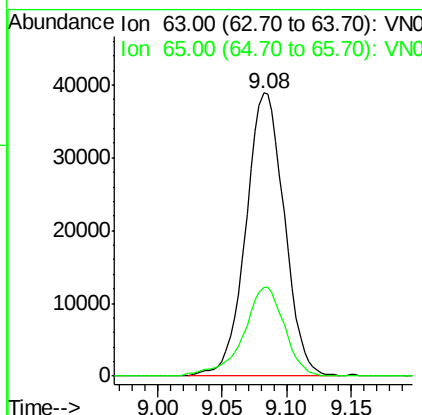
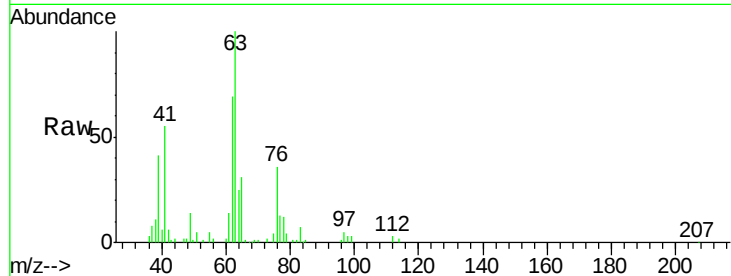
#39
 1,2-Dichloropropane
 Concen: 20.447 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: VN062512.D
 Acq: 13 Jul 2020 12:48

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN071320

Tot Ion: 63 Resp: 81015
 Ion Ratio Lower Upper
 63 100
 65 31.2 24.2 36.4

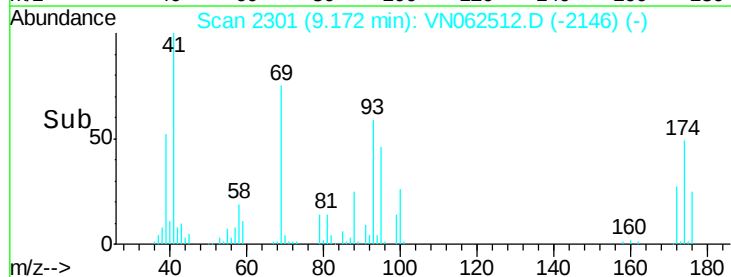
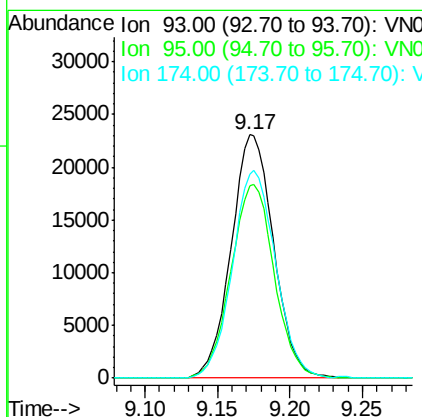
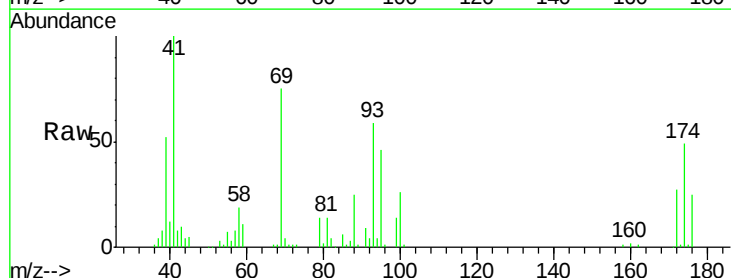
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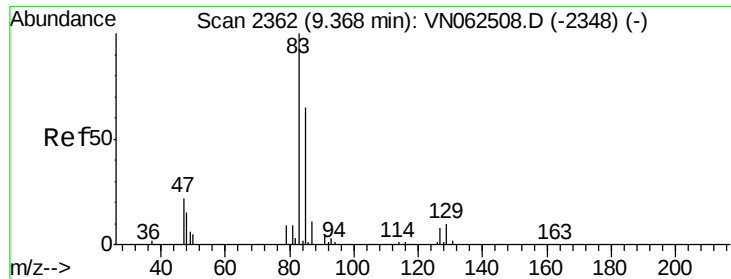
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#40
 Dibromomethane
 Concen: 20.547 ug/l
 RT: 9.17 min Scan# 2301
 Delta R.T. -0.00 min
 Lab File: VN062512.D
 Acq: 13 Jul 2020 12:48

Tgt Ion: 93 Resp: 46919
 Ion Ratio Lower Upper
 93 100
 95 81.1 0.0 161.2
 174 86.7 0.0 178.0





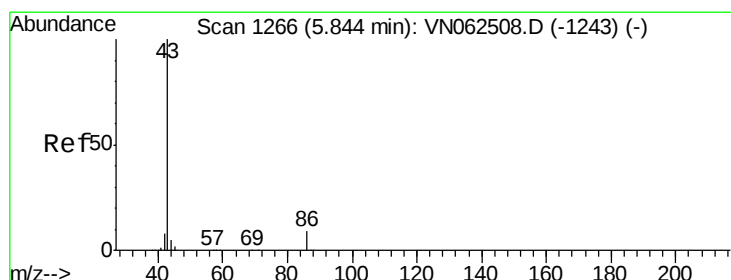
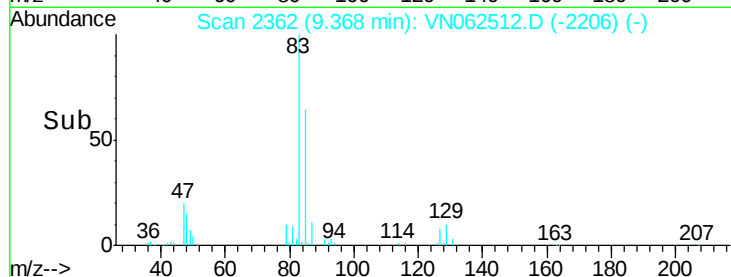
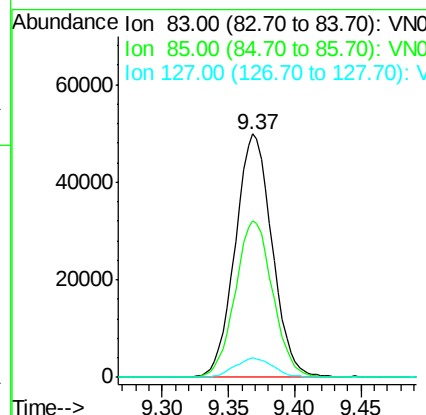
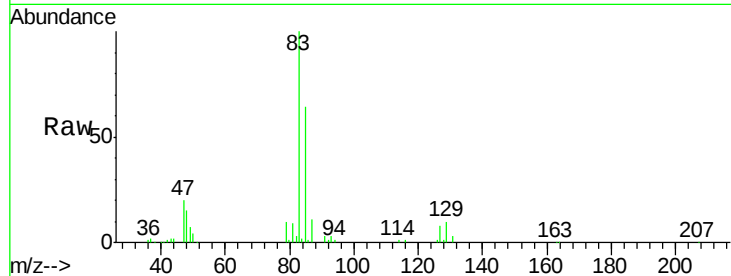
#41
Bromodichloromethane
Concen: 19.952 ug/l
RT: 9.37 min Scan# 2362
Delta R.T. 0.00 min
Lab File: VN062512.D
Acq: 13 Jul 2020 12:48

Instrument :
MSVOA_N
ClientSampleId :
ICVVN071320

Tot Ion	83	Resp	96634
Ion Ratio	100	Lower	Upper
83	100		
85	64.4	51.6	77.4
127	8.0	6.3	9.5

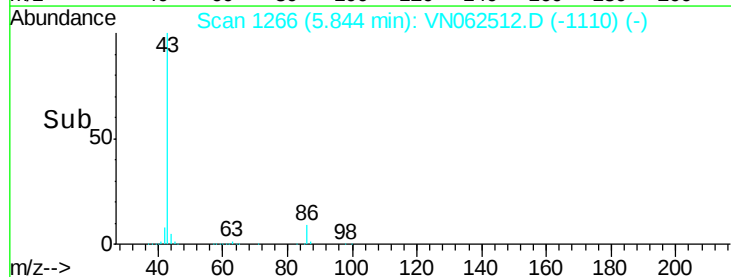
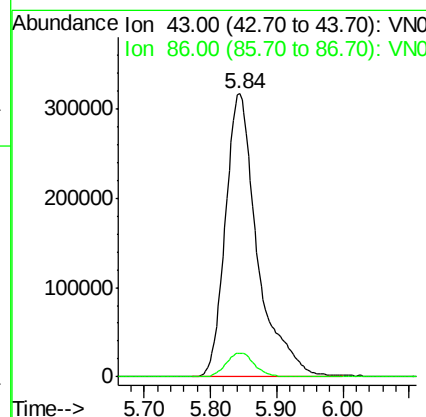
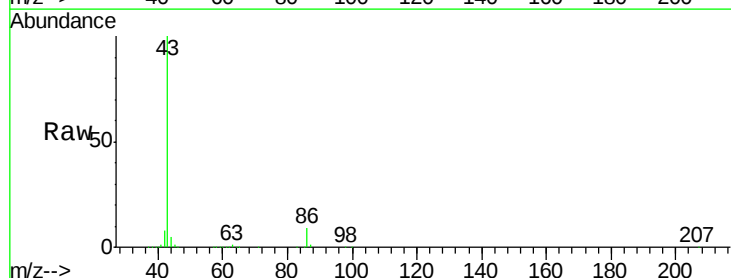
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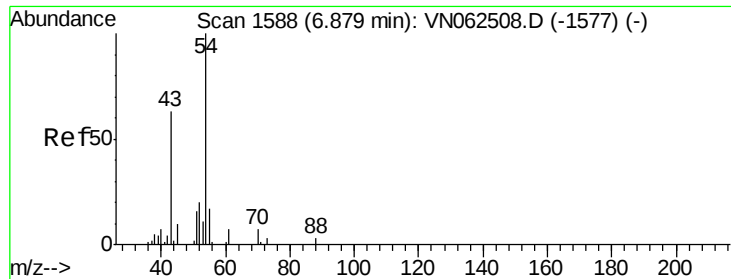
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#42
Vinyl Acetate
Concen: 103.178 ug/l
RT: 5.84 min Scan# 1266
Delta R.T. 0.00 min
Lab File: VN062512.D
Acq: 13 Jul 2020 12:48

Tgt Ion	43	Resp	1064467
Ion Ratio	100	Lower	Upper
43	100		
86	7.6	6.1	9.1





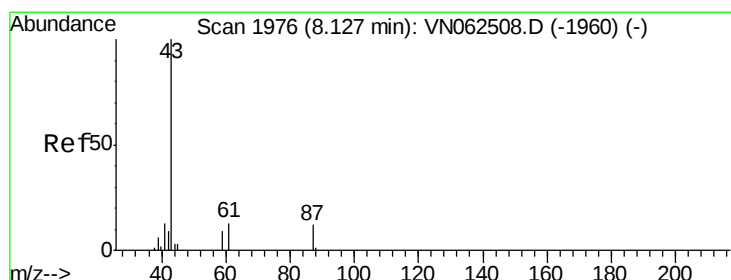
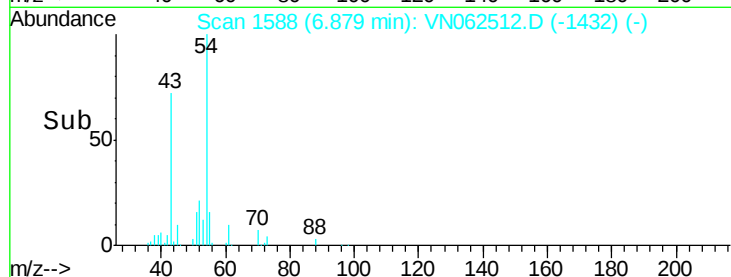
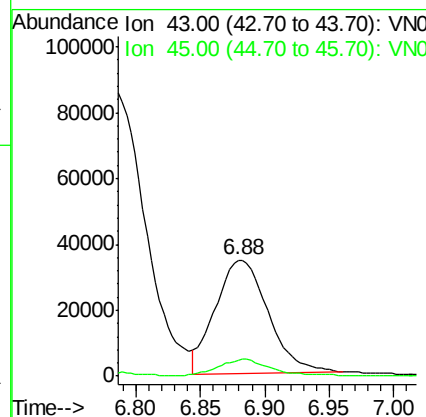
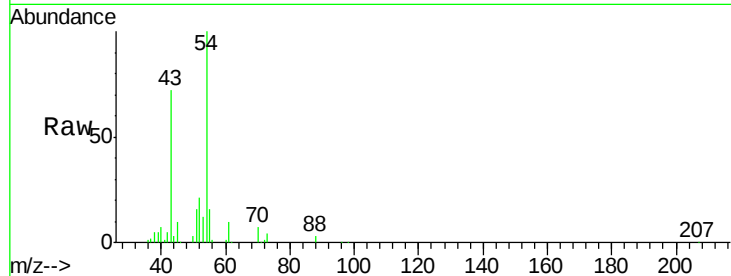
#43
Ethyl Acetate
Concen: 19.668 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. 0.00 min
Lab File: VN062512.D
Acq: 13 Jul 2020 12:48

Instrument :
MSVOA_N
ClientSampleId :
ICVVN071320

Tot Ion	43	45	Ratio	Lower	Upper
98168	100	15.4		10.2	15.4#

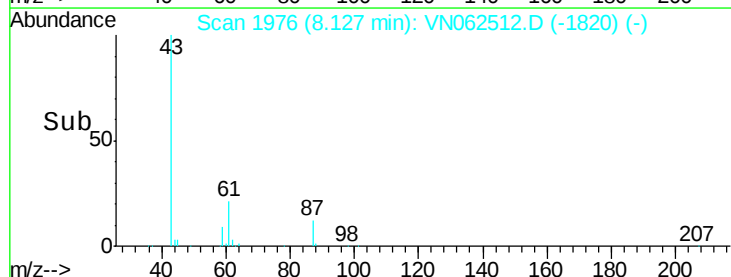
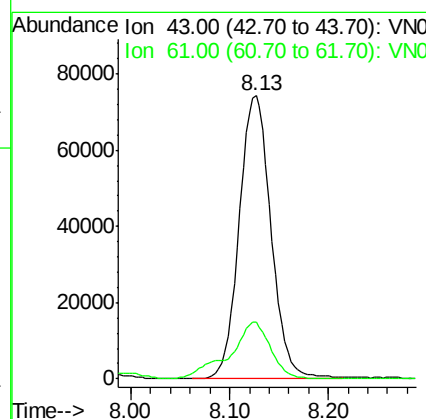
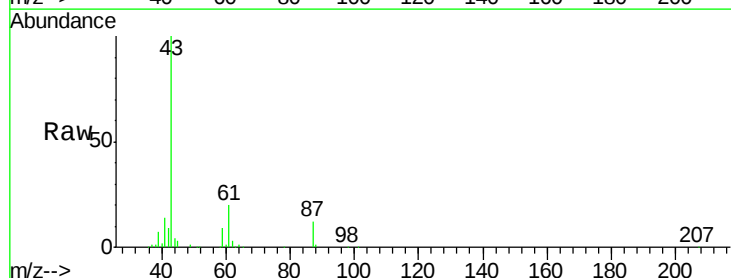
Manual Integrations
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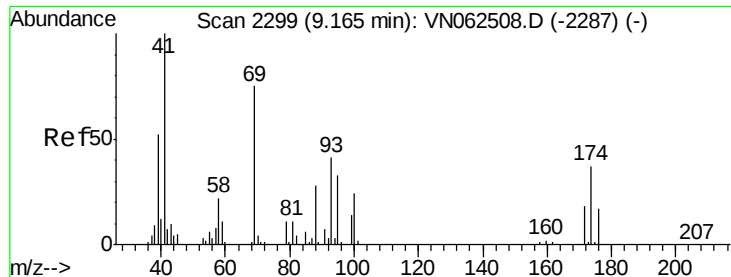
MMDadoda
7/14/2020 11:36:47 AM



#44
Isopropyl Acetate
Concen: 19.751 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN062512.D
Acq: 13 Jul 2020 12:48

Tgt Ion	43	61	Ratio	Lower	Upper
165403	100	20.4		14.7	22.1





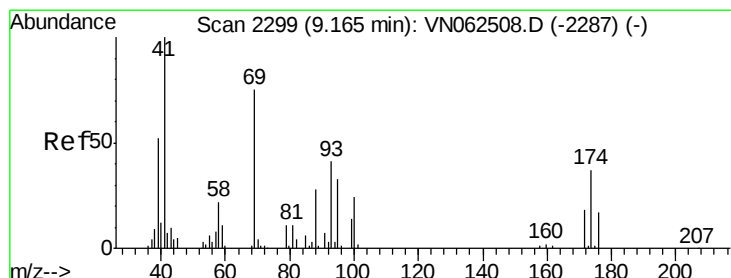
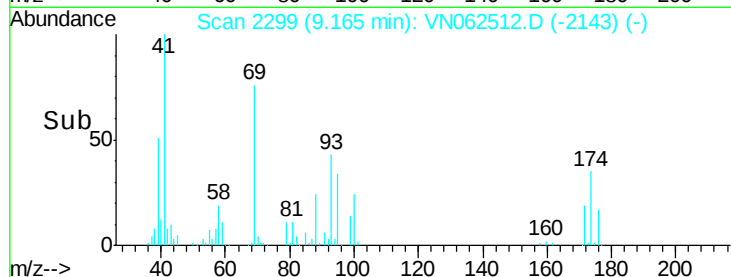
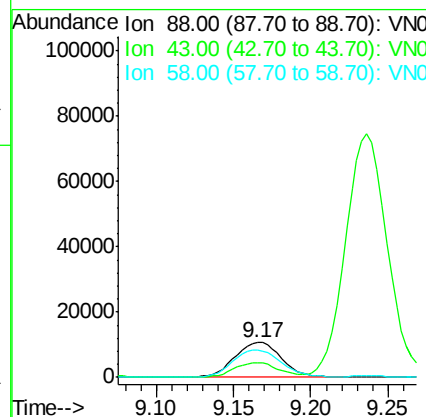
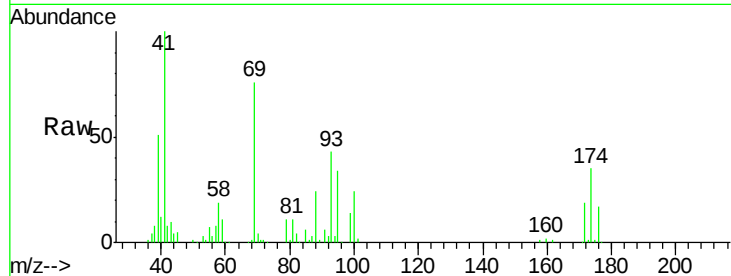
#45
1,4-Dioxane
Concen: 398.135 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. 0.00 min
Lab File: VN062512.D
Acq: 13 Jul 2020 12:48

Instrument :
MSVOA_N
ClientSampleId :
ICVVN071320

Tot Ion	Ratio	Lower	Upper
88	100		
43	40.8	29.2	43.8
58	81.3	62.2	93.4

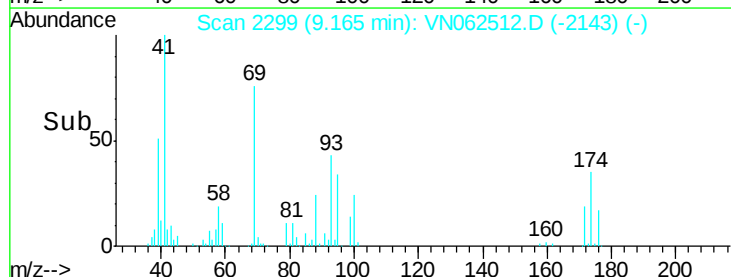
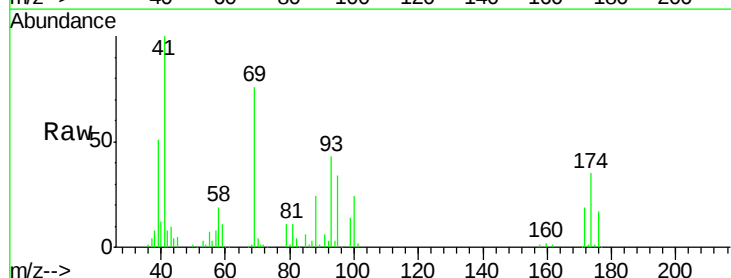
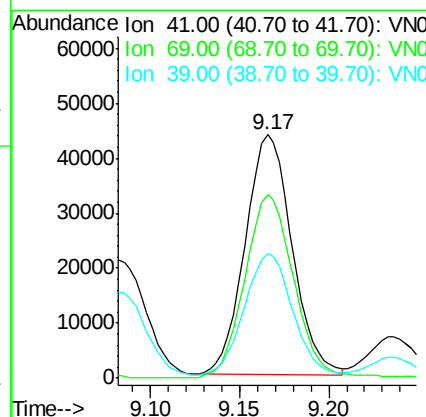
Manual Integrations
APPROVED

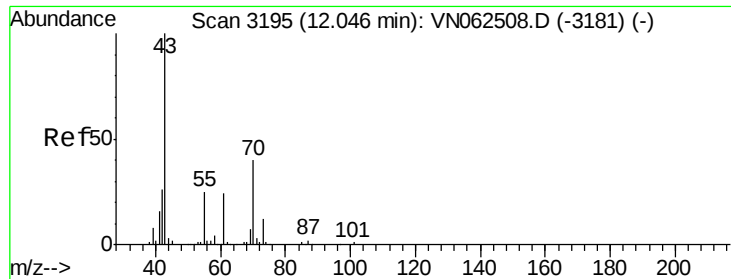
MMDadoda
7/14/2020 11:36:47 AM



#46
Methyl methacrylate
Concen: 20.135 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. 0.00 min
Lab File: VN062512.D
Acq: 13 Jul 2020 12:48

Tgt Ion	Ratio	Lower	Upper
41	100		
69	76.9	37.4	112.2
39	50.6	25.9	77.6





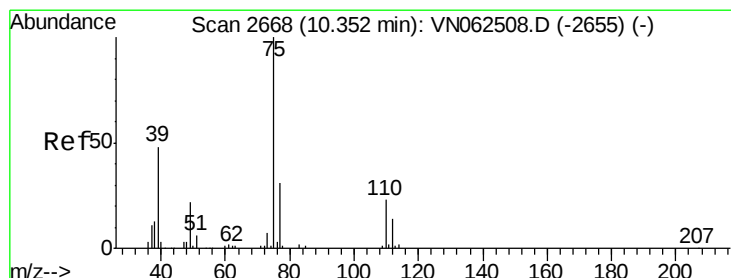
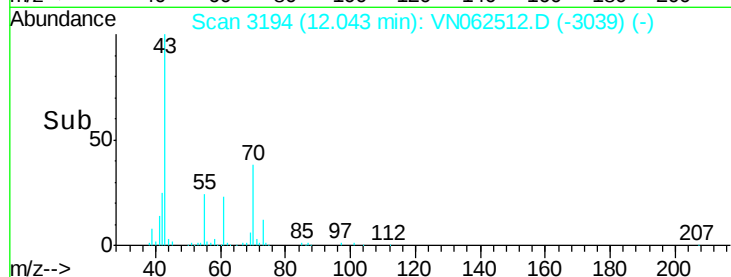
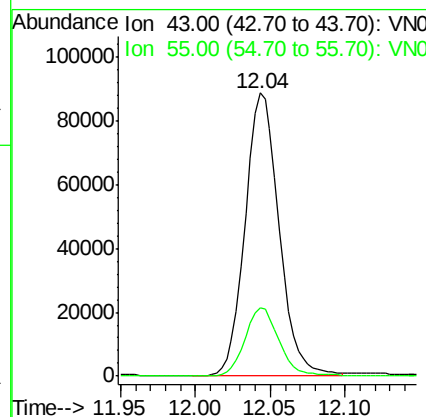
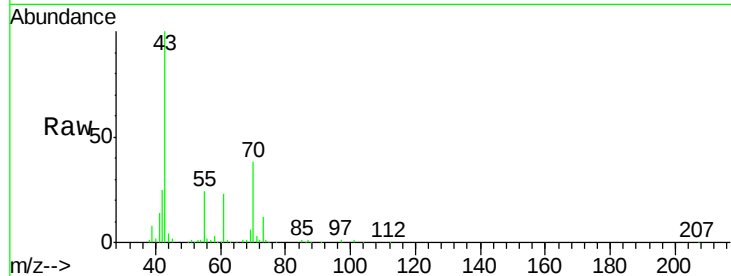
#47
n-amvl Acetate
Concen: 19.971 ug/l
RT: 12.04 min Scan# 3194
Delta R.T. -0.00 min
Lab File: VN062512.D
Acq: 13 Jul 2020 12:48

Instrument :
MSVOA_N
ClientSampleId :
ICVVN071320

Tot Ion: 43 Resp: 140983
Ion Ratio Lower Upper
43 100
55 24.3 20.4 30.6

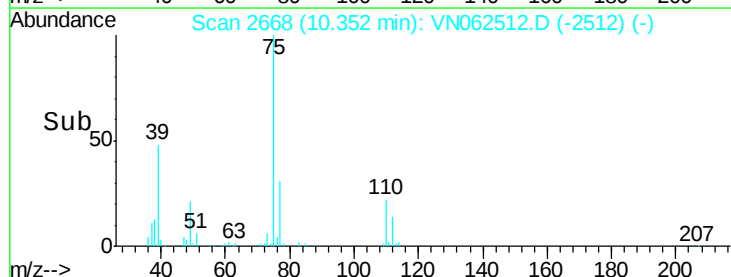
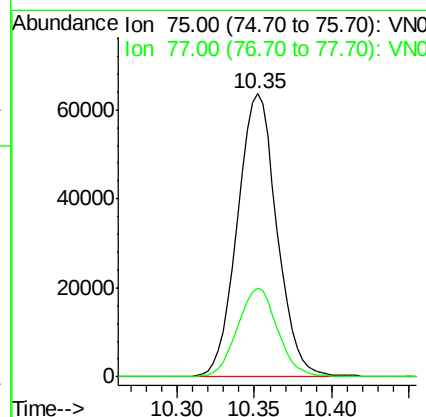
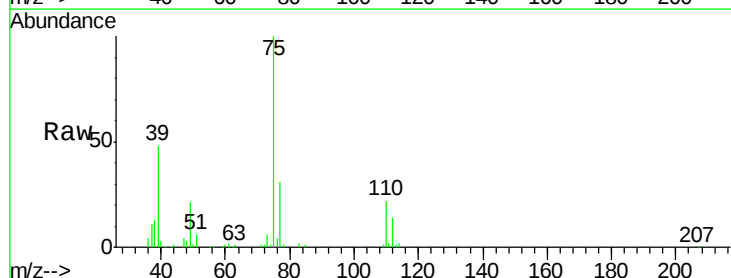
Manual Integrations
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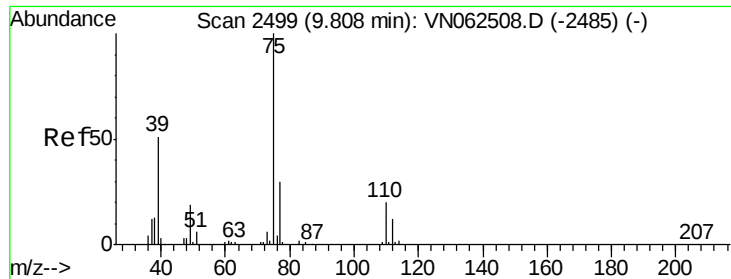
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#48
t-1,3-Dichloropropene
Concen: 19.983 ug/l
RT: 10.35 min Scan# 2668
Delta R.T. 0.00 min
Lab File: VN062512.D
Acq: 13 Jul 2020 12:48

Tgt Ion: 75 Resp: 112886
Ion Ratio Lower Upper
75 100
77 31.3 25.0 37.4





#49

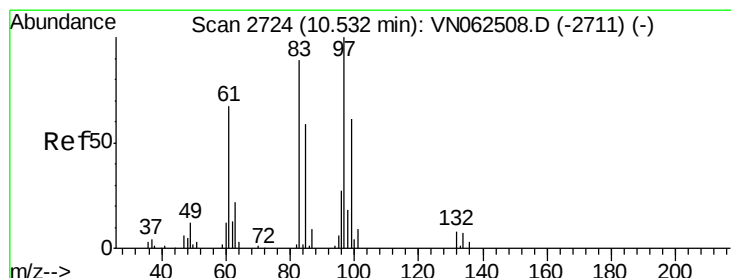
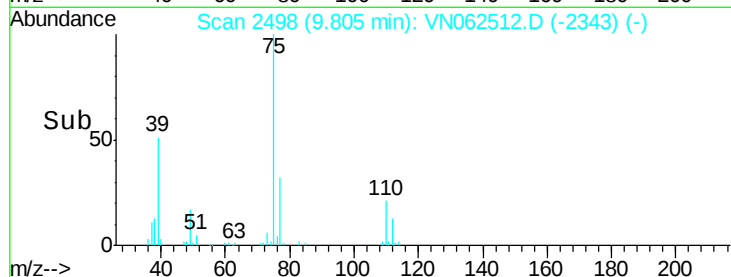
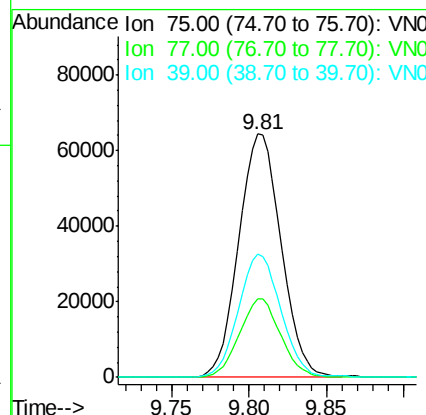
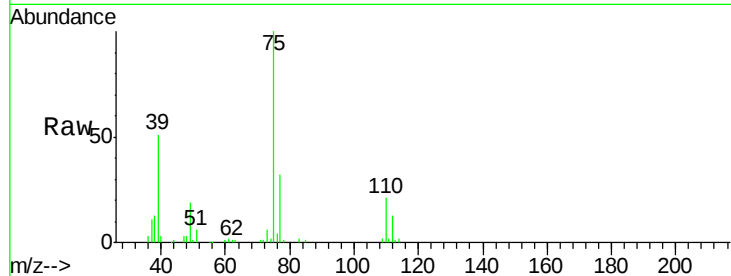
cis-1,3-Dichloropropene
 Concen: 20.132 ug/l
 RT: 9.81 min Scan# 2498
 Delta R.T. -0.00 min
 Lab File: VN062512.D
 Acq: 13 Jul 2020 12:48

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN071320

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.4	23.7	35.5
39	50.7	40.5	60.7

Manual Integrations
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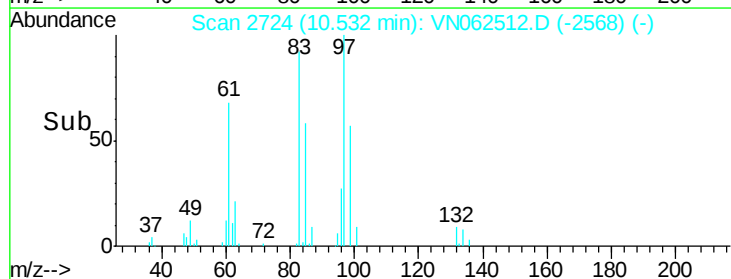
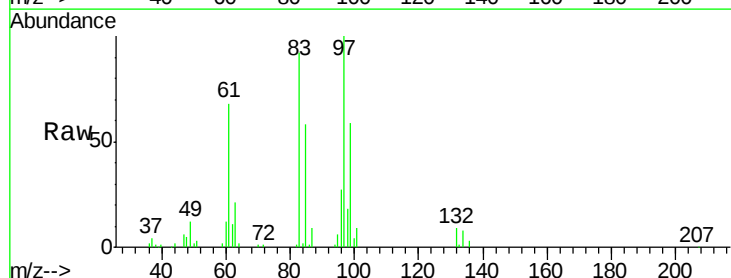
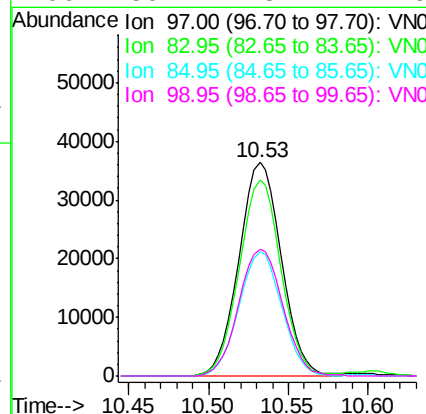
MMDadoda
 7/14/2020 11:36:47 AM

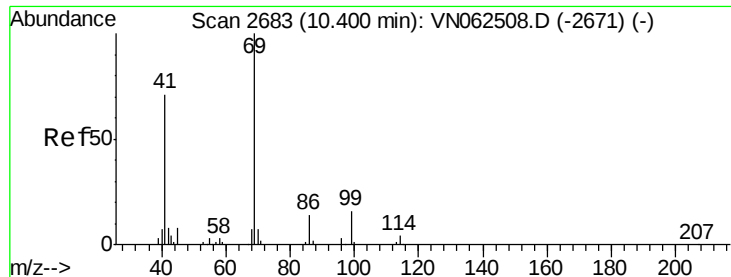


#50

1,1,2-Trichloroethane
 Concen: 20.615 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. 0.00 min
 Lab File: VN062512.D
 Acq: 13 Jul 2020 12:48

Tgt Ion	Ratio	Lower	Upper
97	100		
83	91.7	71.3	106.9
85	58.3	47.2	70.8
99	59.4	48.4	72.6





#51

Ethyl methacrylate

Concen: 20.314 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. 0.00 min

Lab File: VN062512.D

Acq: 13 Jul 2020 12:48

Instrument :

MSVOA_N

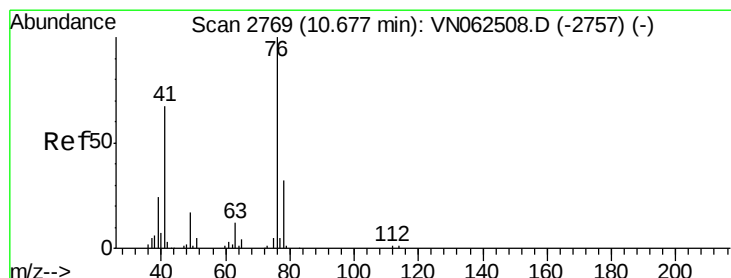
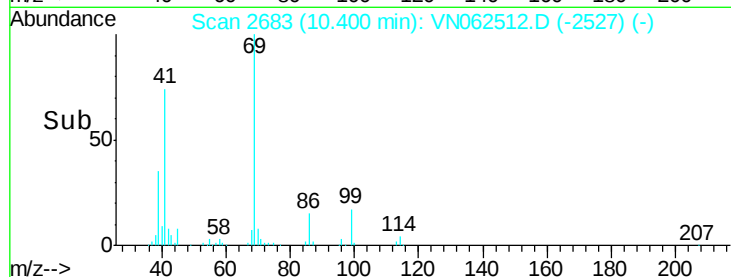
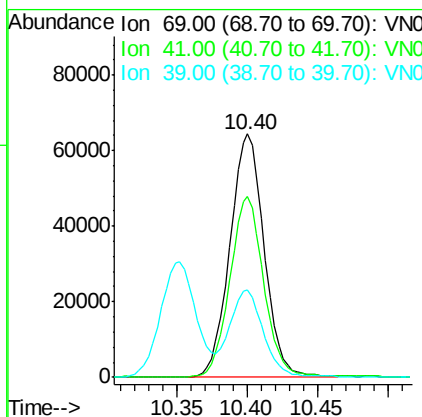
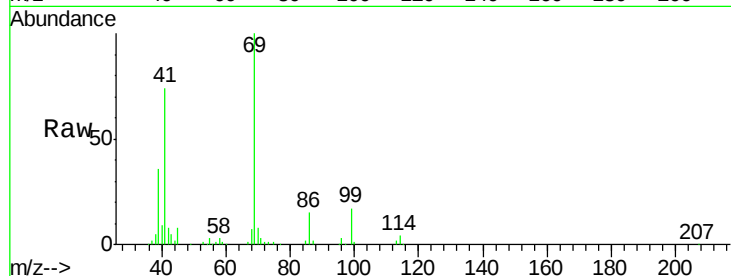
ClientSampleId :

ICVVN071320

Tot Ion:	69	Resp:	109473
Ion	Ratio	Lower	Upper
69	100		
41	73.9	35.6	106.8
39	35.3	17.2	51.5

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 20.480 ug/l

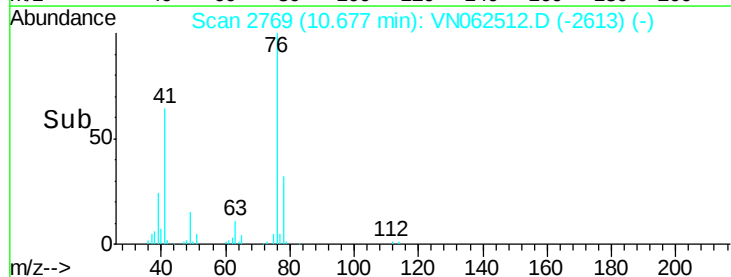
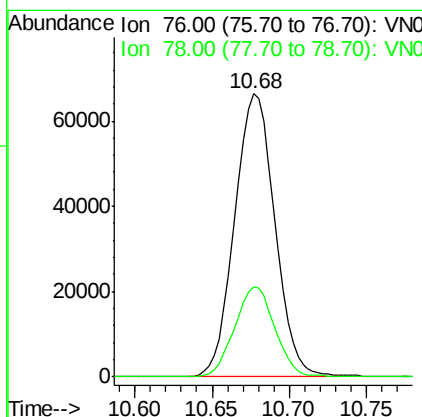
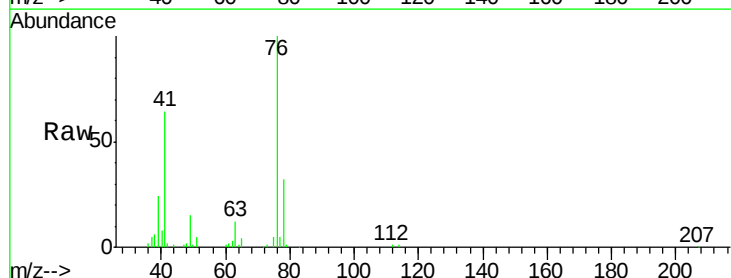
RT: 10.68 min Scan# 2769

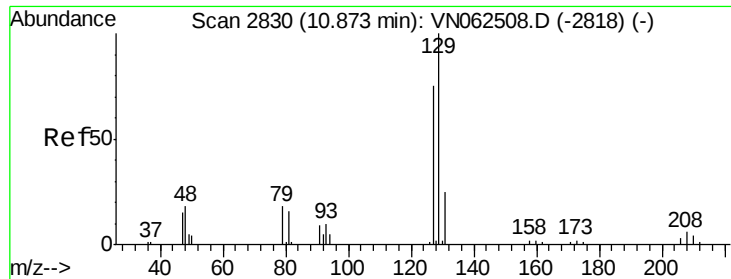
Delta R.T. 0.00 min

Lab File: VN062512.D

Acq: 13 Jul 2020 12:48

Tgt Ion:	76	Resp:	120311
Ion	Ratio	Lower	Upper
76	100		
78	31.8	0.0	63.6





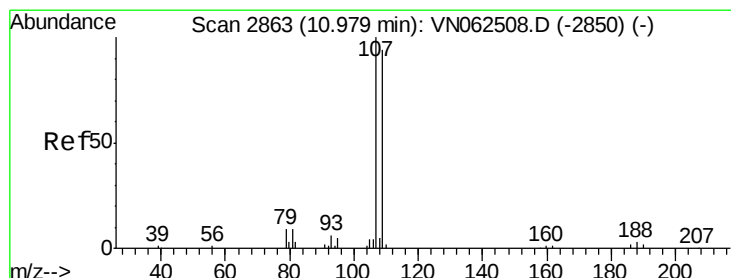
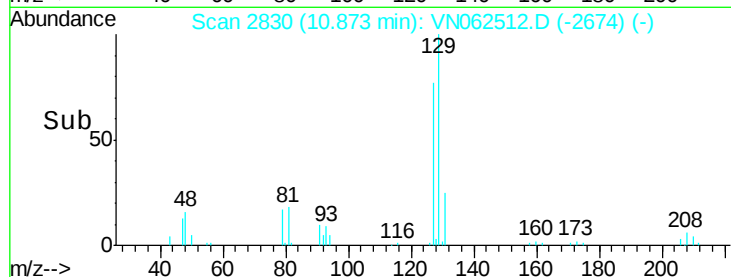
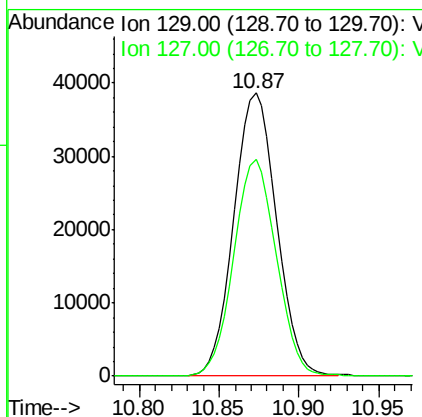
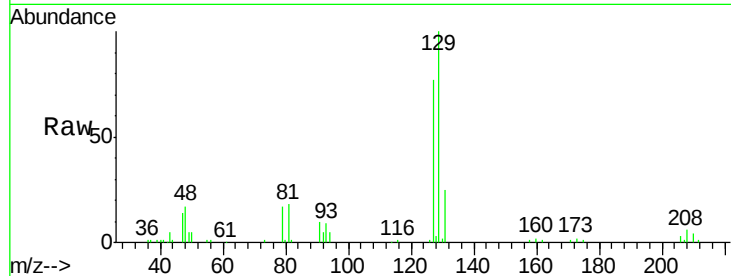
#53
Dibromochloromethane
Concen: 20.245 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. 0.00 min
Lab File: VN062512.D
Acq: 13 Jul 2020 12:48

Instrument :
MSVOA_N
ClientSampleId :
ICVVN071320

Tot Ion	Ratio	Lower	Upper
129	100		
127	76.1	38.1	114.5

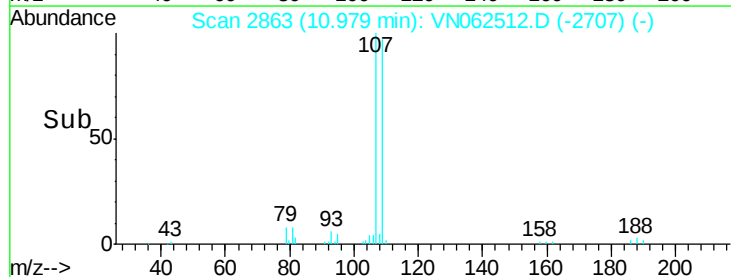
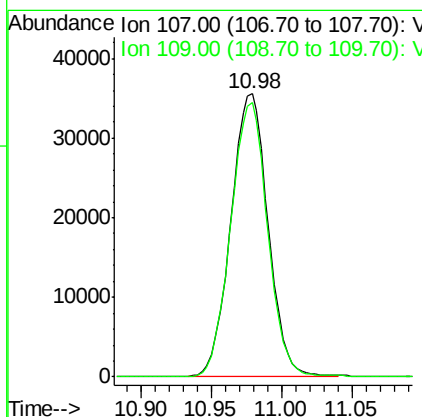
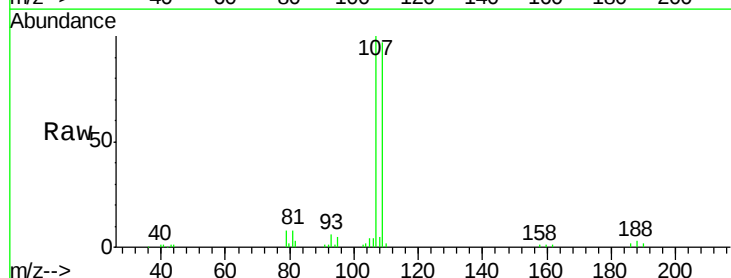
Manual Integrations
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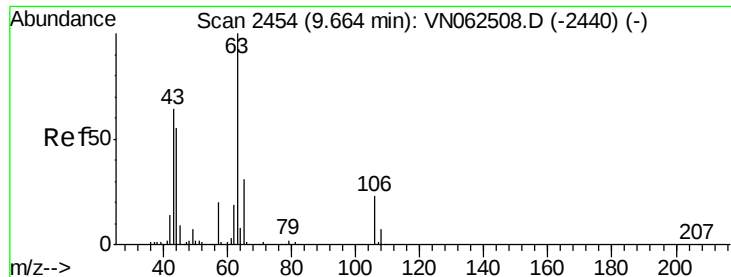
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#54
1,2-Dibromoethane
Concen: 20.024 ug/l
RT: 10.98 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VN062512.D
Acq: 13 Jul 2020 12:48

Tgt Ion	Ratio	Lower	Upper
107	100		
109	96.3	74.8	112.2





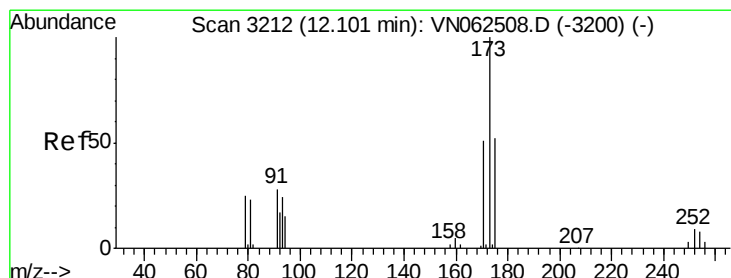
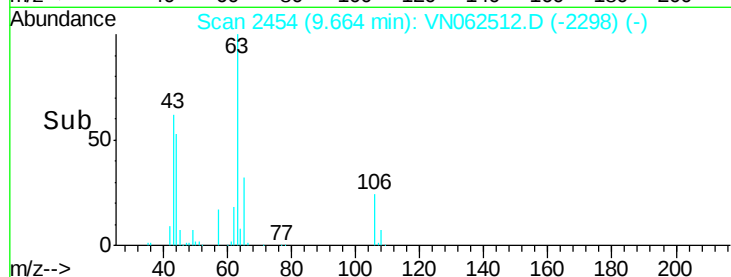
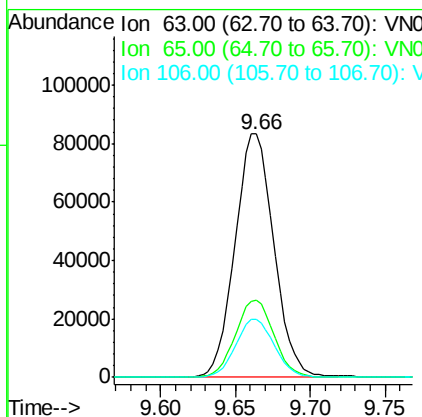
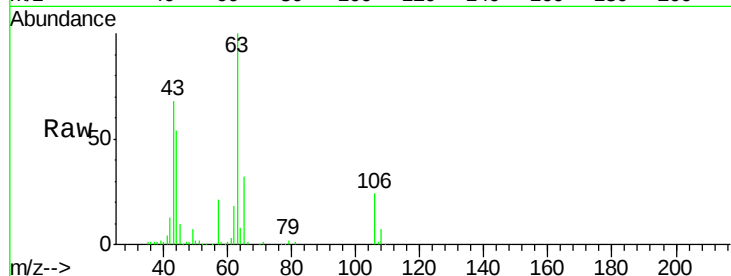
#55
2-Chloroethyl vinyl ether
Concen: 87.657 ug/l
RT: 9.66 min Scan# 2454
Delta R.T. 0.00 min
Lab File: VN062512.D
Acq: 13 Jul 2020 12:48

Instrument :
MSVOA_N
ClientSampleId :
ICVVN071320

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.5	25.4	38.2
106	23.8	18.4	27.6

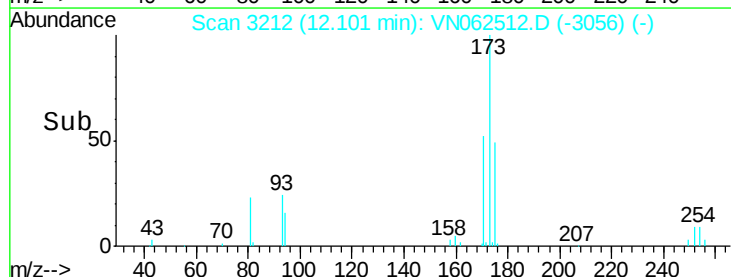
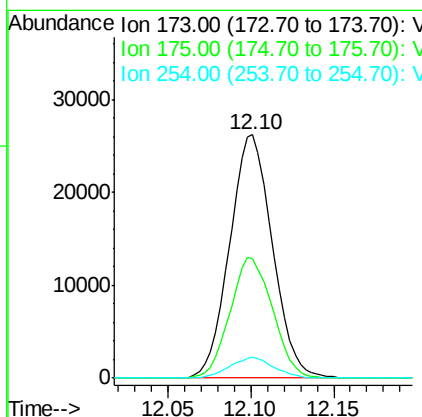
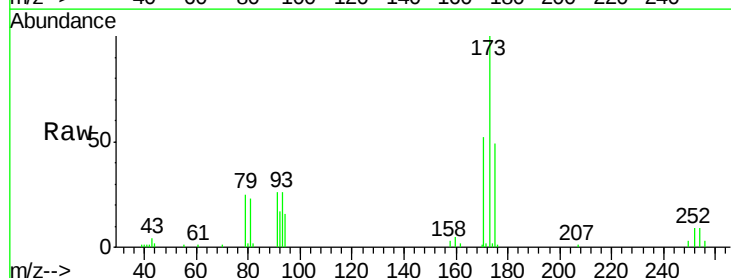
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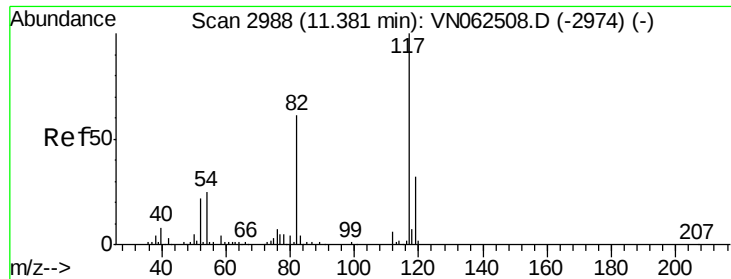
MMDadoda
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#56
Bromoform
Concen: 19.760 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. 0.00 min
Lab File: VN062512.D
Acq: 13 Jul 2020 12:48

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.2	38.1	57.1
254	8.6	6.2	9.2





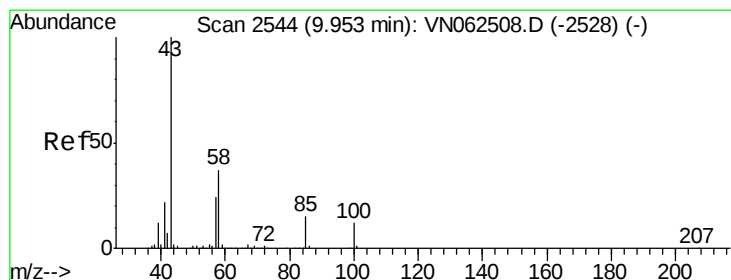
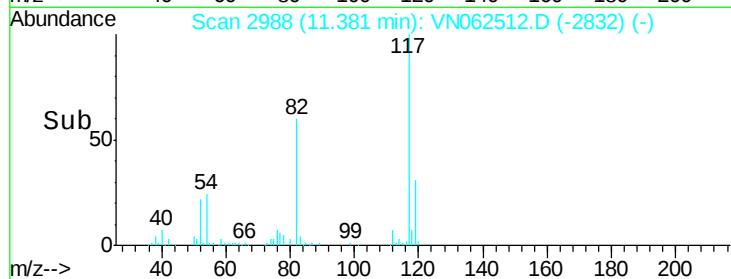
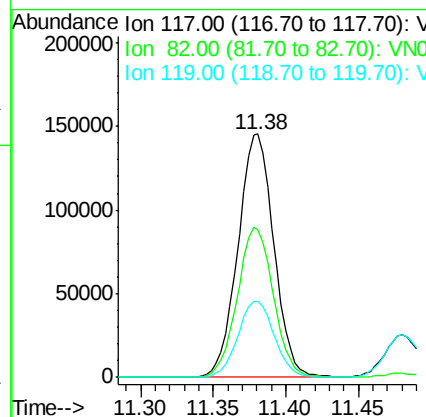
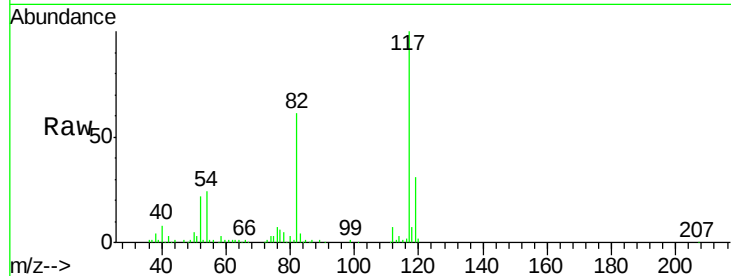
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN062512.D
Acq: 13 Jul 2020 12:48

Instrument :
MSVOA_N
ClientSampleId :
ICVVN071320

Tot Ion	Ratio	Resp	Lower	Upper
117	100	249672		
82	62.1	49.0	73.6	
119	31.6	25.6	38.4	

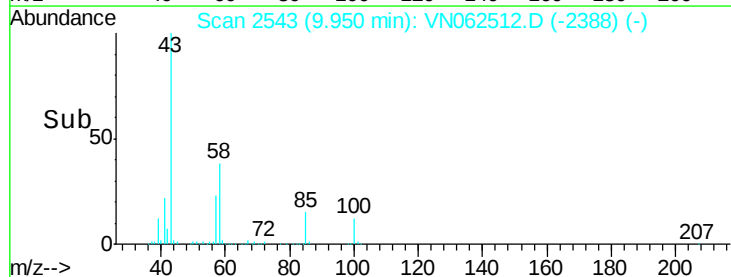
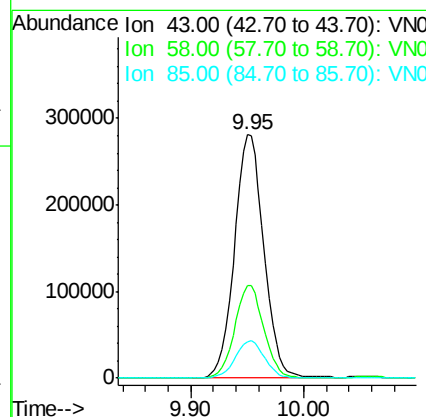
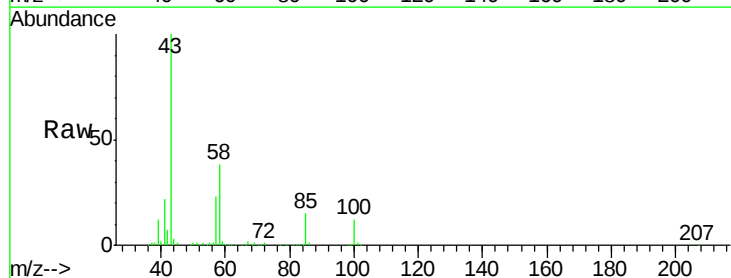
Manual Integrations
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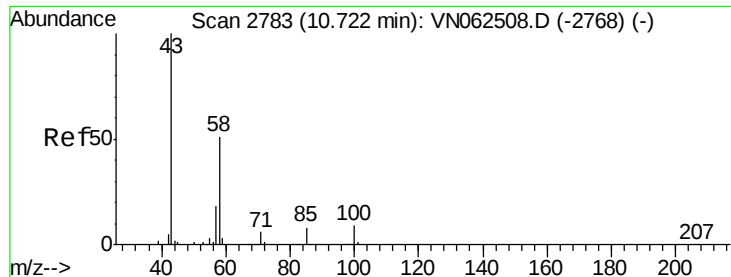
MMDadoda
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#58
4-Methyl-2-Pentanone
Concen: 104.312 ug/l
RT: 9.95 min Scan# 2543
Delta R.T. -0.00 min
Lab File: VN062512.D
Acq: 13 Jul 2020 12:48

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	507416		
58	37.6	29.6	44.4	
85	15.3	12.0	18.0	





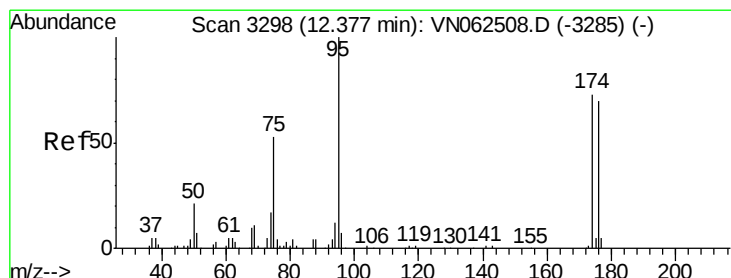
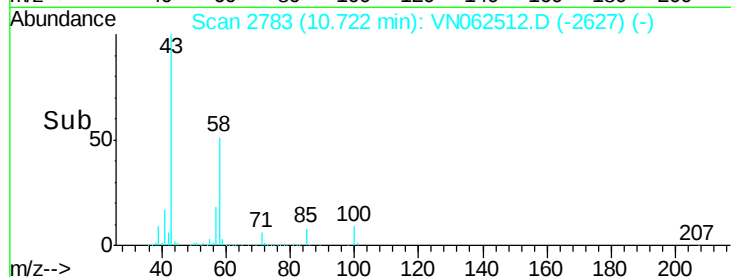
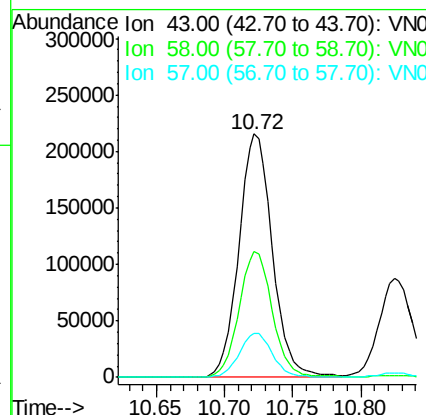
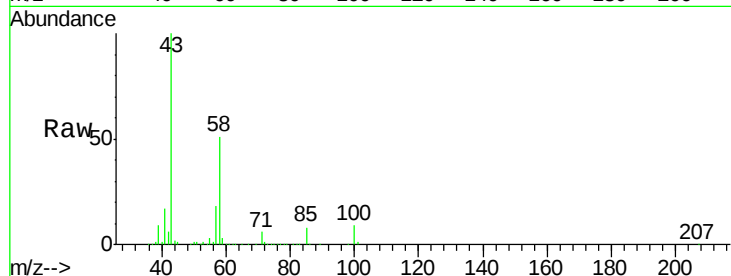
#59
2-Hexanone
Concen: 102.966 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VN062512.D
Acq: 13 Jul 2020 12:48

Instrument :
MSVOA_N
ClientSampleId :
ICVVN071320

Tot Ion	Ratio	Lower	Upper
43	100		
58	51.5	41.2	61.8
57	18.2	14.4	21.6

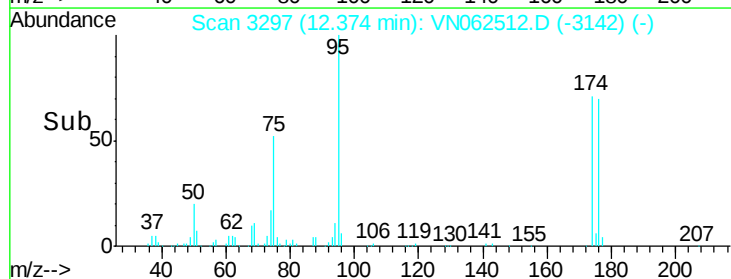
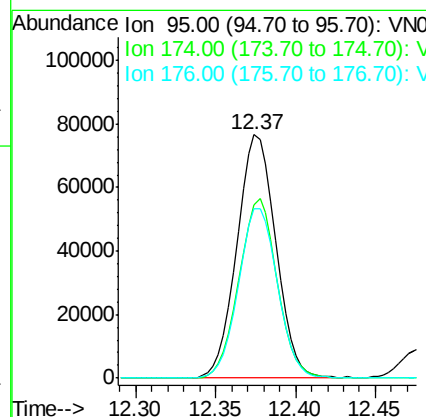
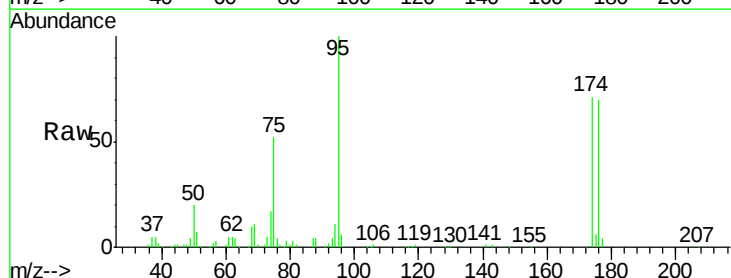
Manual Integrations
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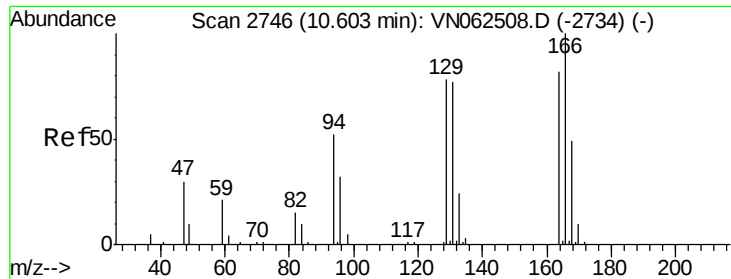
MMDadoda
7/14/2020 11:36:47 AM



#60
4-Bromofluorobenzene
Concen: 29.887 ug/l
RT: 12.37 min Scan# 3297
Delta R.T. -0.00 min
Lab File: VN062512.D
Acq: 13 Jul 2020 12:48

Tgt Ion	Ratio	Lower	Upper
95	100		
174	72.1	57.5	86.3
176	69.9	56.3	84.5





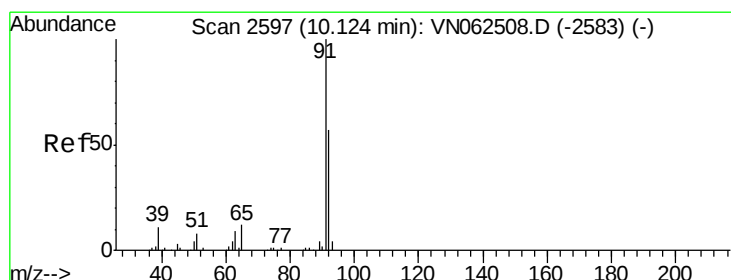
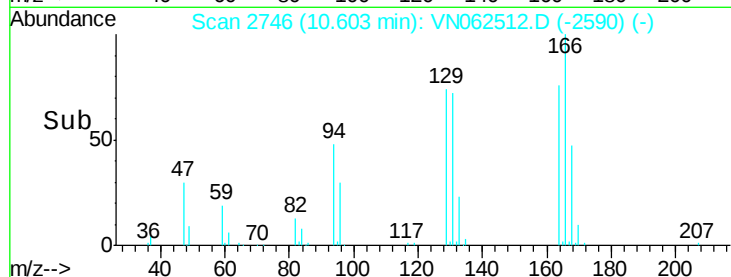
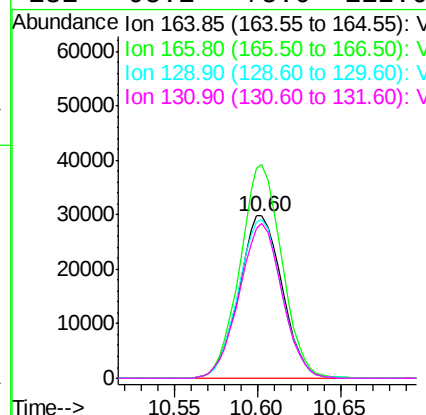
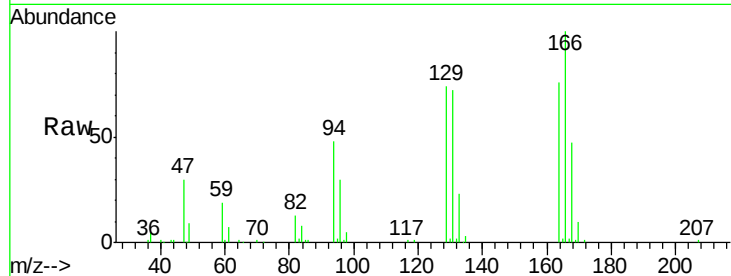
#61
Tetrachloroethene
Concen: 21.178 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. 0.00 min
Lab File: VN062512.D
Acq: 13 Jul 2020 12:48

Instrument :
MSVOA_N
ClientSampleId :
ICVVN071320

Tot Ion	Ratio	Lower	Upper
164	100		
166	131.5	97.7	146.5
129	97.7	77.0	115.4
131	95.1	75.0	112.6

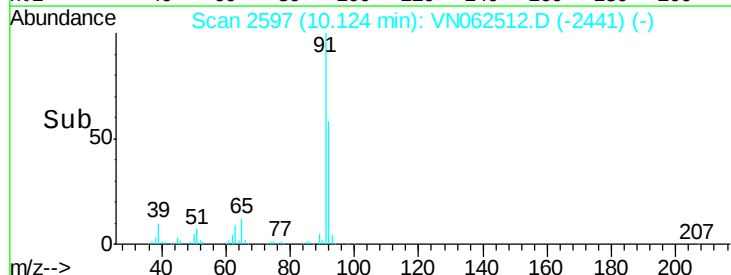
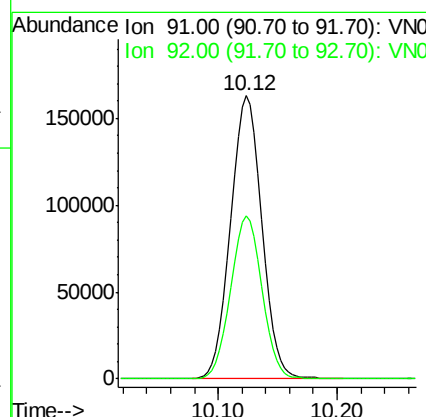
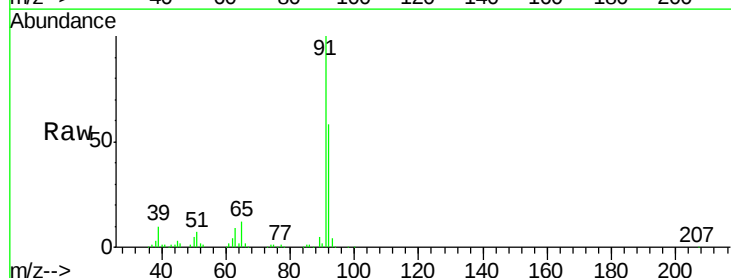
Manual Integrations
APPROVED

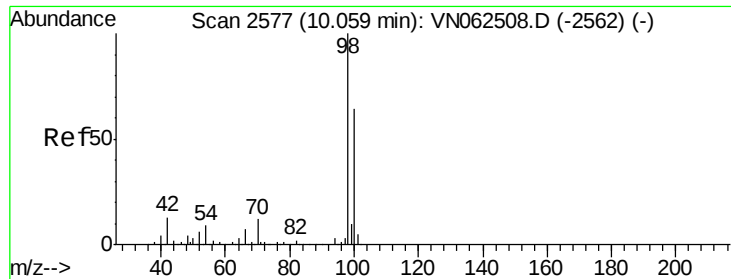
MMDadoda
7/14/2020 11:36:47 AM



#62
Toluene
Concen: 21.002 ug/l
RT: 10.12 min Scan# 2597
Delta R.T. 0.00 min
Lab File: VN062512.D
Acq: 13 Jul 2020 12:48

Tgt Ion	Ratio	Lower	Upper
91	100		
92	57.7	45.8	68.6





#63

Toluene-d8

Concen: 30.287 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN062512.D

Acq: 13 Jul 2020 12:48

Instrument :

MSVOA_N

ClientSampleId :

ICVVN071320

Tot Ion: 98 Resp: 357321

Ion Ratio Lower Upper

98 100

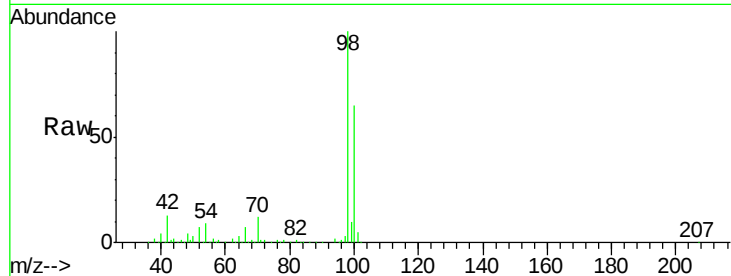
100 63.4 50.4 75.6

Manual Integrations

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Abundance Ion 98.00 (97.70 to 98.70): VN062508.D (-2562) (-)

Ion 100.00 (99.70 to 100.70): VN062512.D (-2421) (-)

200000

150000

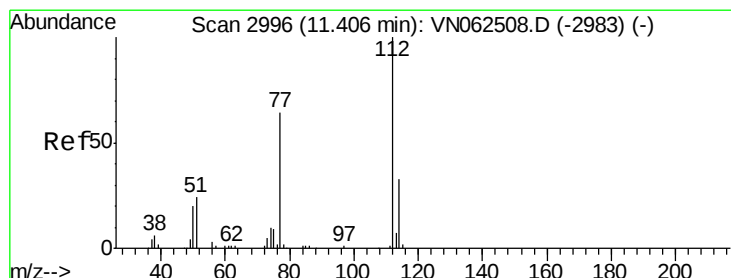
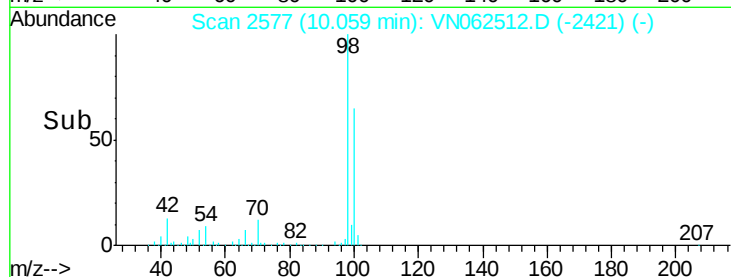
100000

50000

0

10.00 10.10

Time-->



#64

Chlorobenzene

Concen: 20.901 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN062512.D

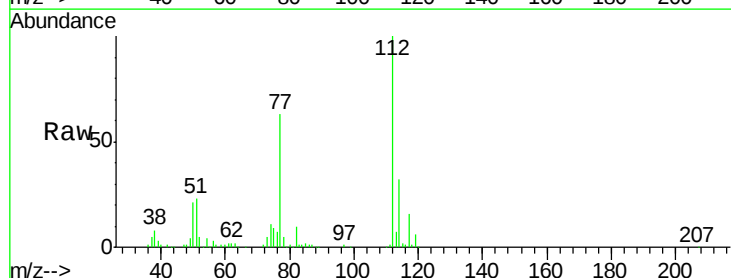
Acq: 13 Jul 2020 12:48

Tgt Ion: 112 Resp: 173960

Ion Ratio Lower Upper

112 100

114 32.5 26.0 39.0



Abundance Ion 112.00 (111.70 to 112.70): VN062508.D (-2983) (-)

Ion 114.00 (113.70 to 114.70): VN062512.D (-2840) (-)

100000

80000

60000

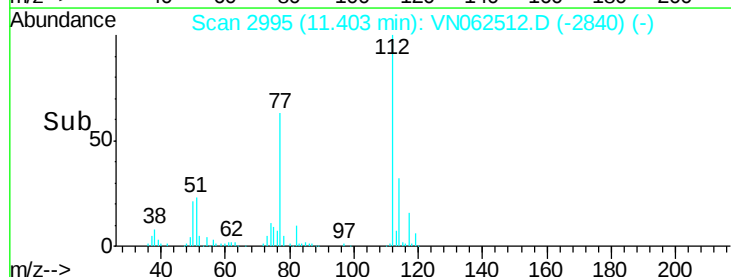
40000

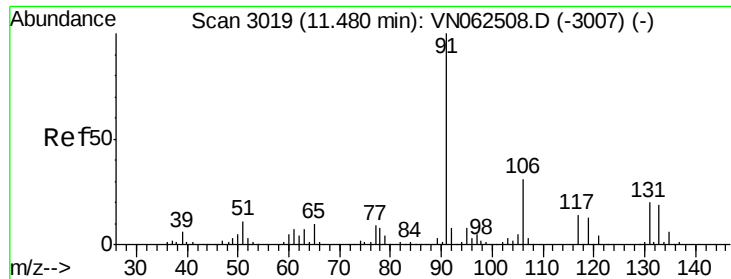
20000

0

11.35 11.40 11.45 11.50

Time-->





#65

1,1,1,2-Tetrachloroethane

Concen: 20.615 ug/l

RT: 11.48 min Scan# 3019

Delta R.T. 0.00 min

Lab File: VN062512.D

Acq: 13 Jul 2020 12:48

Instrument :

MSVOA_N

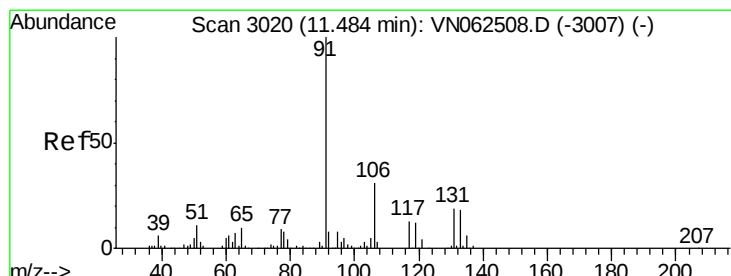
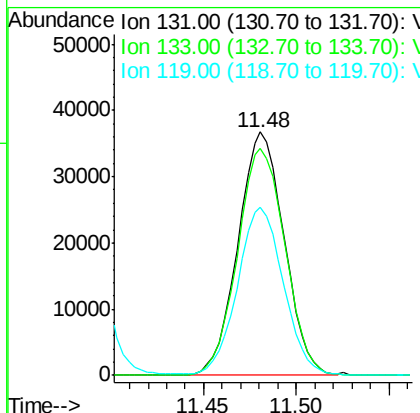
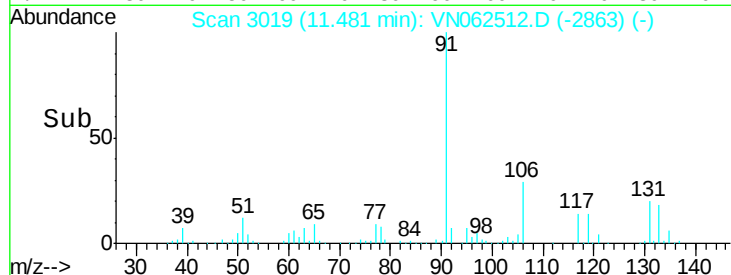
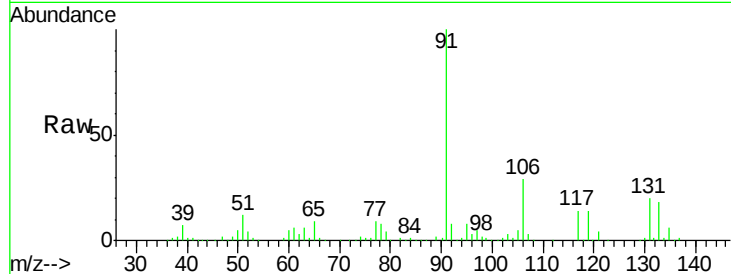
ClientSampleId :

ICVVN071320

Tot Ion	Ratio	Lower	Upper
131	100		
133	95.9	0.0	191.4
119	68.9	0.0	136.2

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#66

Ethyl Benzene

Concen: 20.699 ug/l

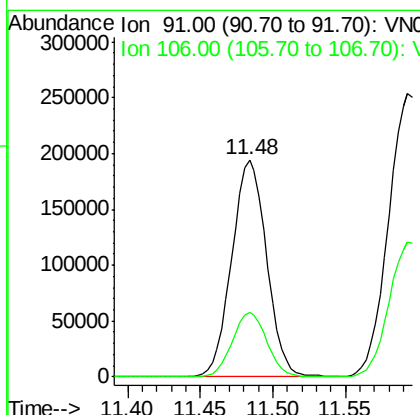
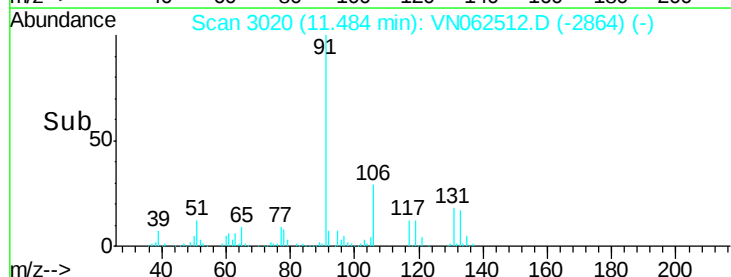
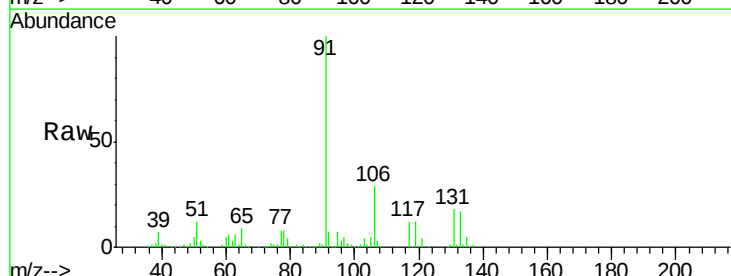
RT: 11.48 min Scan# 3020

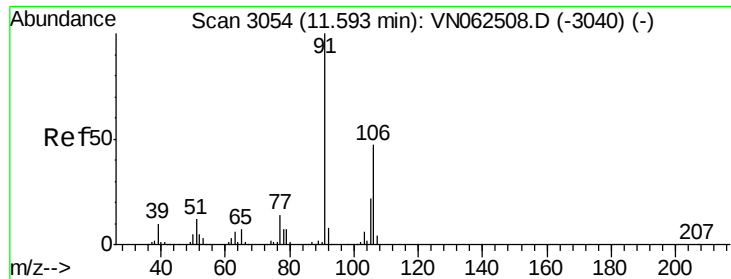
Delta R.T. 0.00 min

Lab File: VN062512.D

Acq: 13 Jul 2020 12:48

Tgt Ion	Ratio	Lower	Upper
91	100		
106	29.5	24.6	36.8





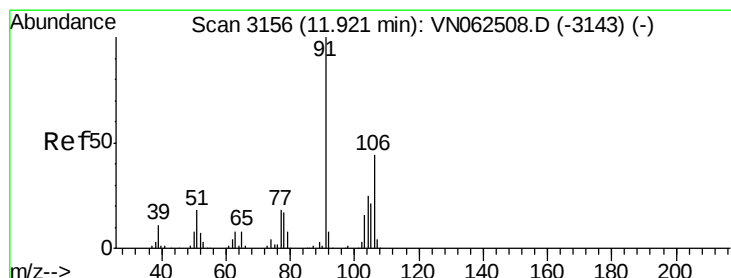
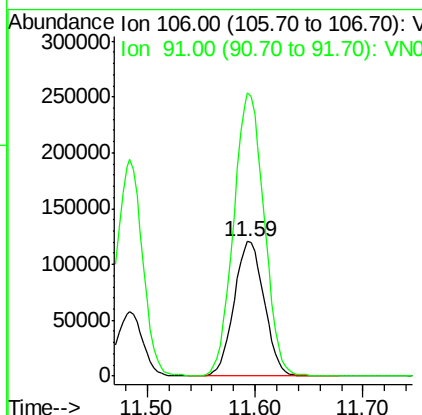
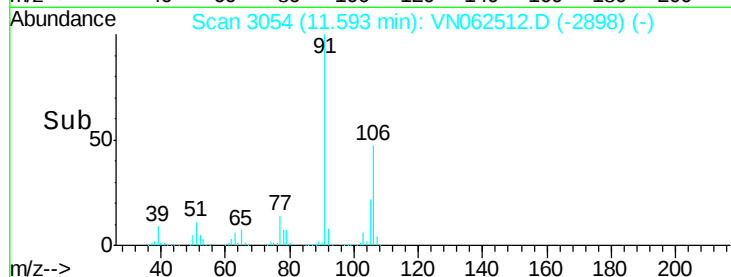
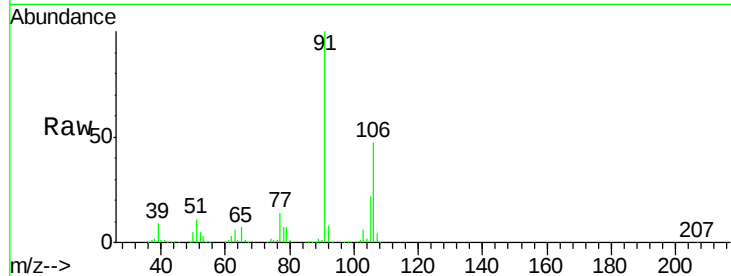
#67
m/p-Xylenes
Concen: 41.431 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN062512.D
Acq: 13 Jul 2020 12:48

Instrument :
MSVOA_N
ClientSampleId :
ICVVN071320

Tot Ion	Ion	Ratio	Lower	Upper
106	106	100		
91	91	211.3	170.7	256.1

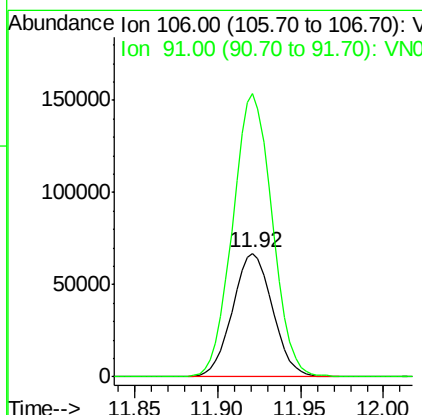
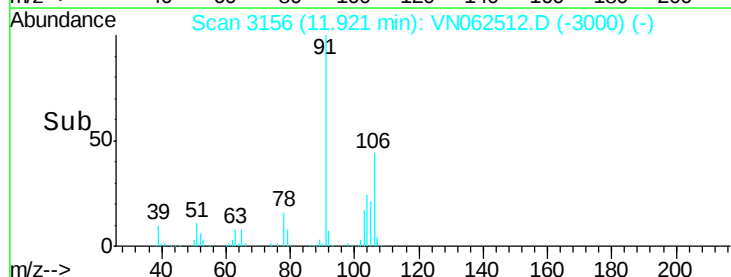
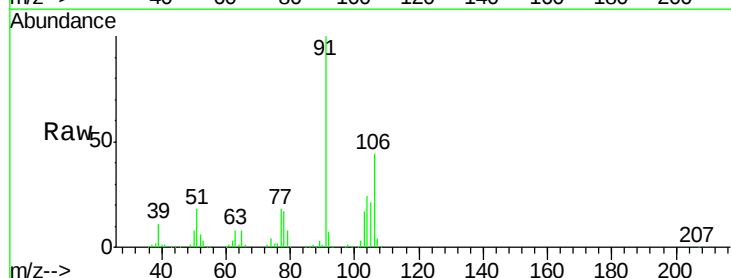
Manual Integrations
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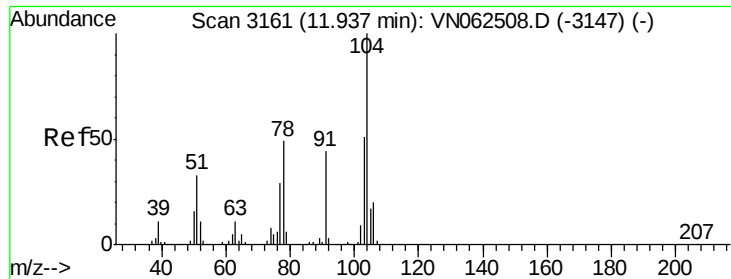
MMDadoda
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#68
o-Xylene
Concen: 20.630 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN062512.D
Acq: 13 Jul 2020 12:48

Tgt Ion	Ion	Ratio	Lower	Upper
106	106	100		
91	91	226.5	113.9	341.6





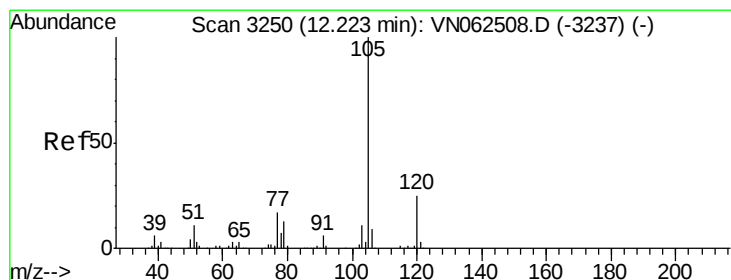
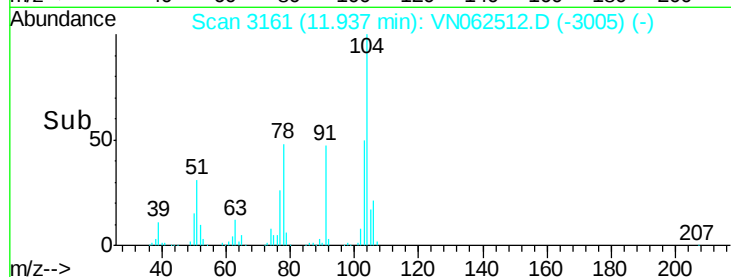
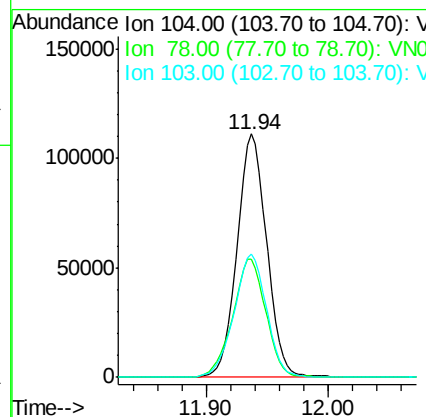
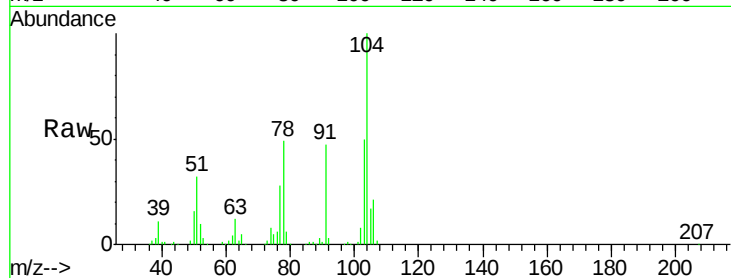
#69
Stvrene
Concen: 20.297 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. 0.00 min
Lab File: VN062512.D
Acq: 13 Jul 2020 12:48

Instrument :
MSVOA_N
ClientSampleId :
ICVVN071320

Tot Ion	Ratio	Lower	Upper
104	100		
78	54.4	43.9	65.9
103	55.3	43.8	65.6

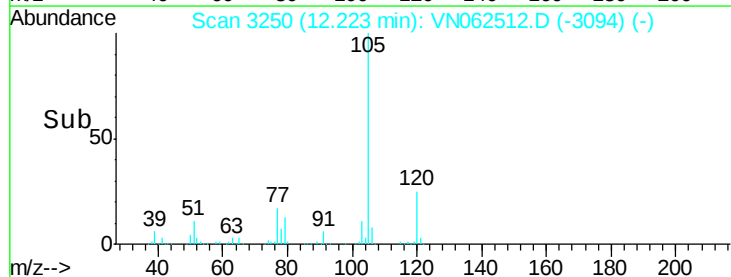
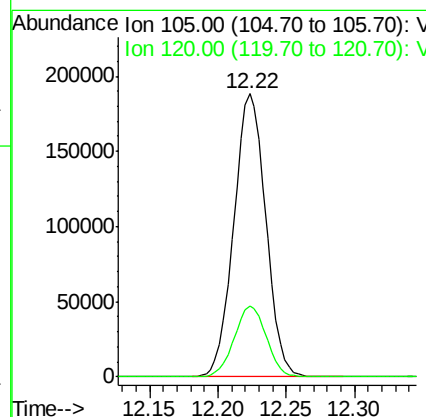
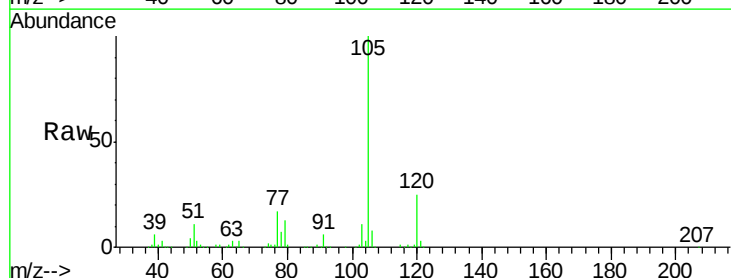
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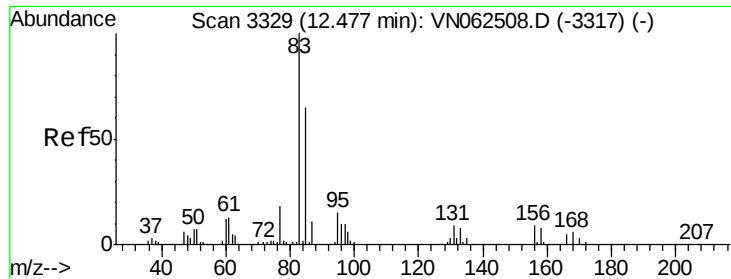
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#70
Isopropylbenzene
Concen: 20.931 ug/l
RT: 12.22 min Scan# 3250
Delta R.T. 0.00 min
Lab File: VN062512.D
Acq: 13 Jul 2020 12:48

Tgt Ion	Ratio	Lower	Upper
105	100		
120	25.1	17.6	32.8





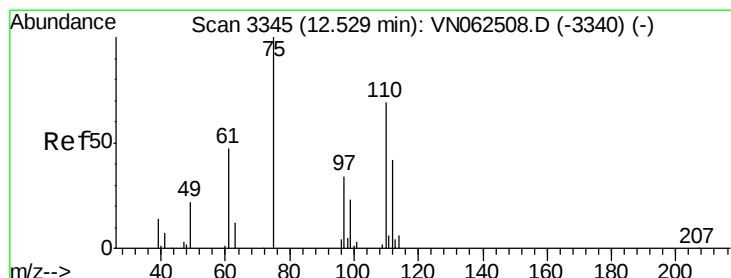
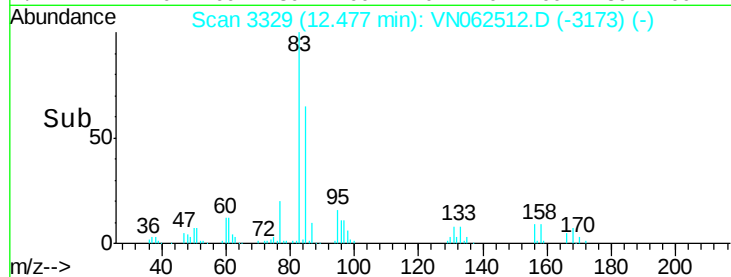
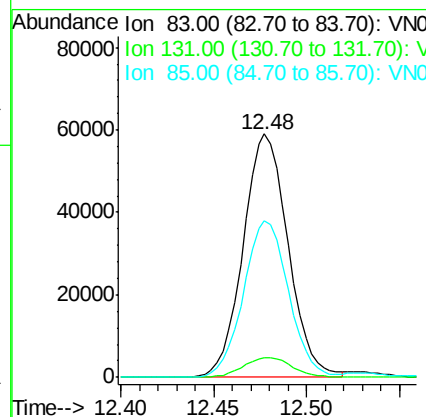
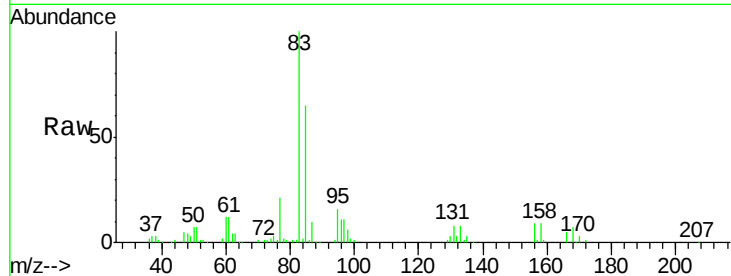
#71
 1,1,2,2-Tetrachloroethane
 Concen: 21.047 ug/l
 RT: 12.48 min Scan# 3329
 Delta R.T. 0.00 min
 Lab File: VN062512.D
 Acq: 13 Jul 2020 12:48

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN071320

Tot Ion	Ratio	Lower	Upper
83	100		
131	8.7	4.5	13.7
85	64.6	32.5	97.4

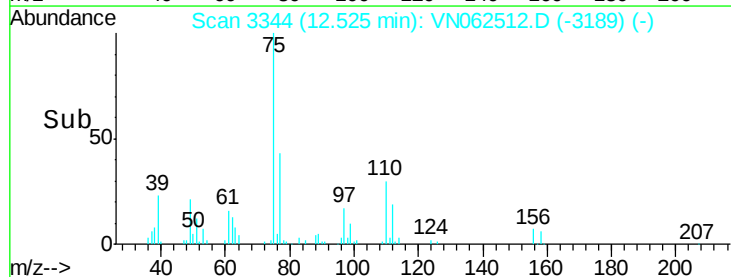
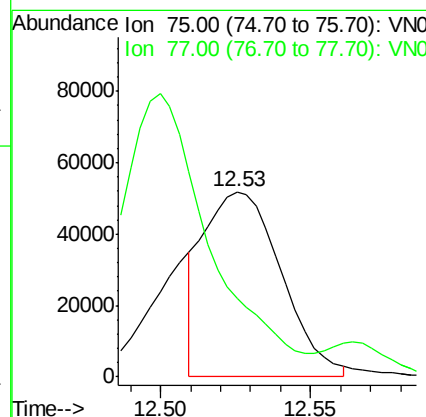
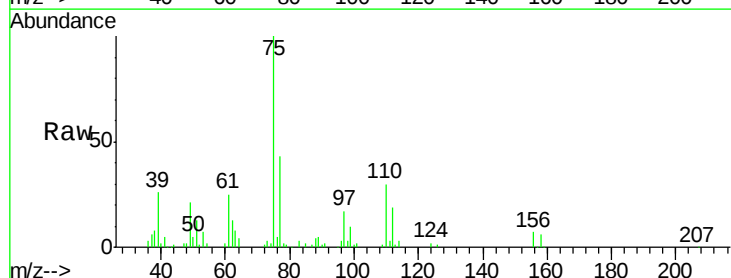
Manual Integrations
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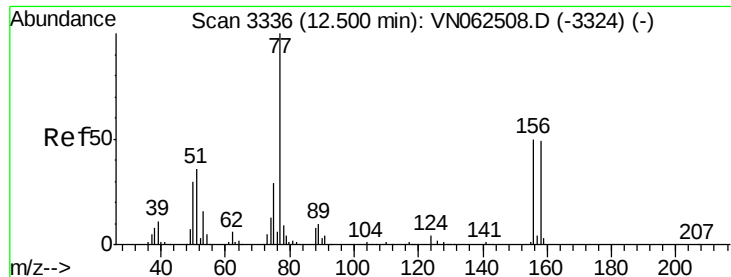
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#72
 1,2,3-Trichloropropane
 Concen: 20.116 ug/l m
 RT: 12.53 min Scan# 3344
 Delta R.T. -0.00 min
 Lab File: VN062512.D
 Acq: 13 Jul 2020 12:48

Tgt Ion	Ratio	Lower	Upper
75	100		
77	179.8	0.0	376.2





#73

Bromobenzene

Concen: 20.661 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN062512.D

Acq: 13 Jul 2020 12:48

Instrument :

MSVOA_N

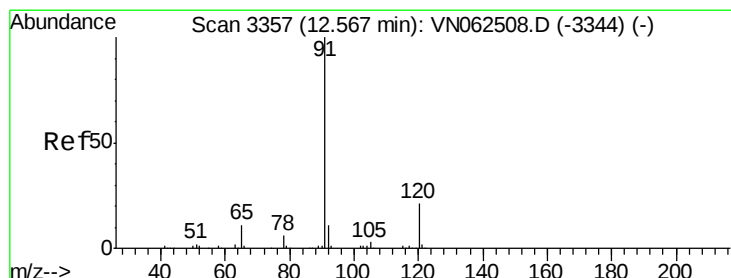
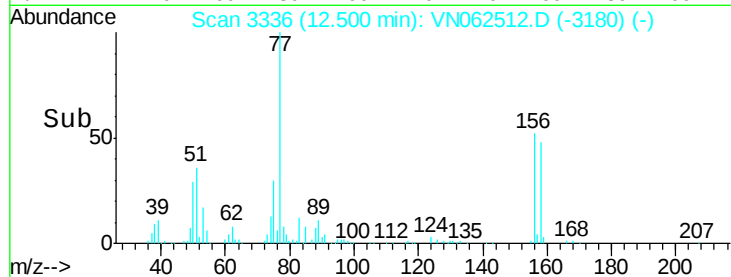
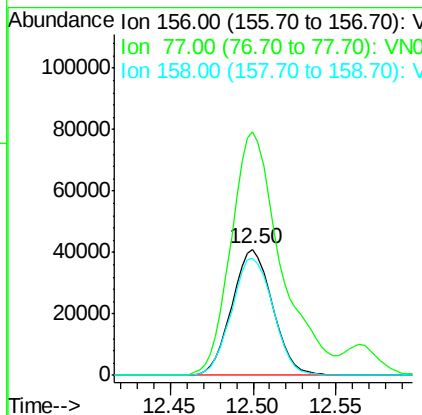
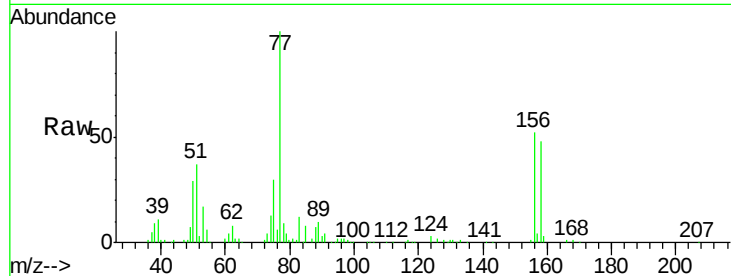
ClientSampleId :

ICVVN071320

Tot Ion:	156	Resp:	70178
Ion Ratio	Lower	Upper	
156	100		
77	237.6	0.0	485.0
158	94.9	0.0	192.6

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#74

n-propylbenzene

Concen: 20.504 ug/l

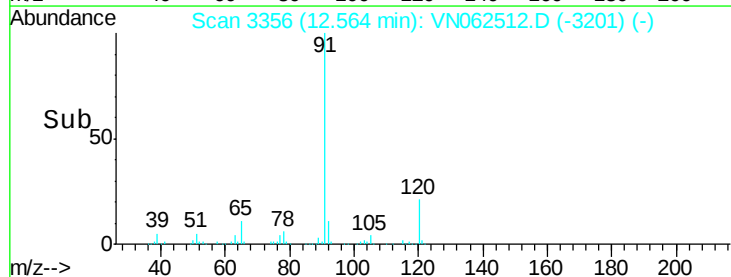
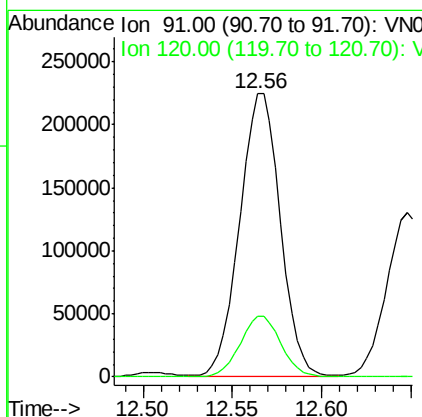
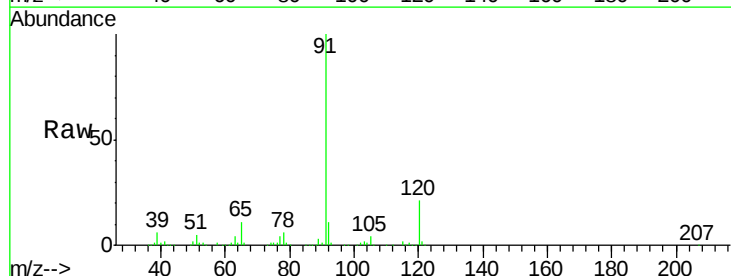
RT: 12.56 min Scan# 3356

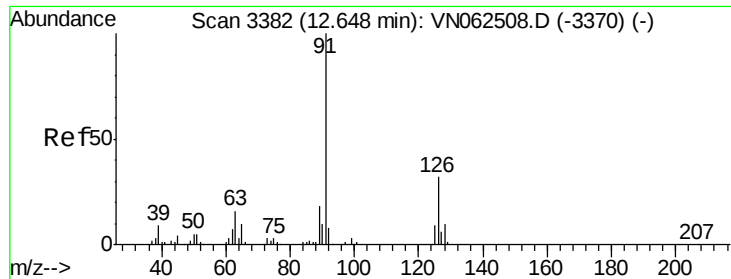
Delta R.T. -0.00 min

Lab File: VN062512.D

Acq: 13 Jul 2020 12:48

Tgt Ion:	91	Resp:	357456
Ion Ratio	Lower	Upper	
91	100		
120	21.4	0.0	42.8





#75

2-Chlorotoluene

Concen: 20.535 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. 0.00 min

Lab File: VN062512.D

Acq: 13 Jul 2020 12:48

Instrument :

MSVOA_N

ClientSampleId :

ICVVN071320

Tot Ion: 91 Resp: 21544

Ion Ratio Lower Upper

91 100

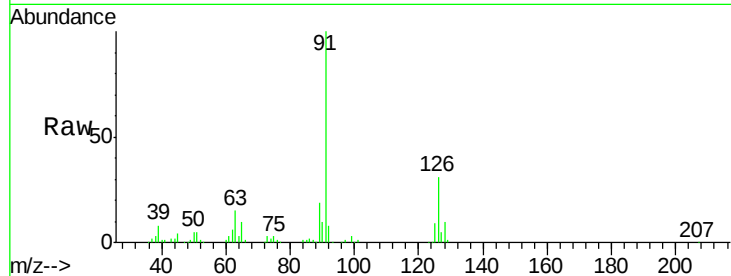
126 30.9 0.0 62.2

Manual Integrations

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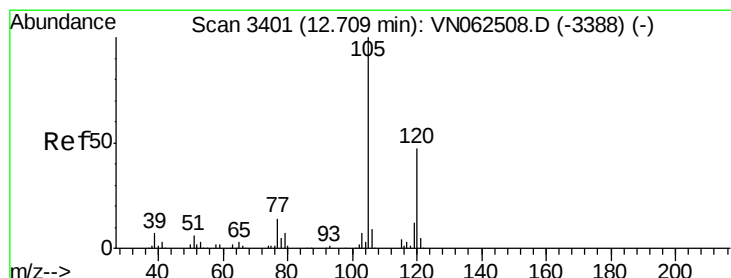
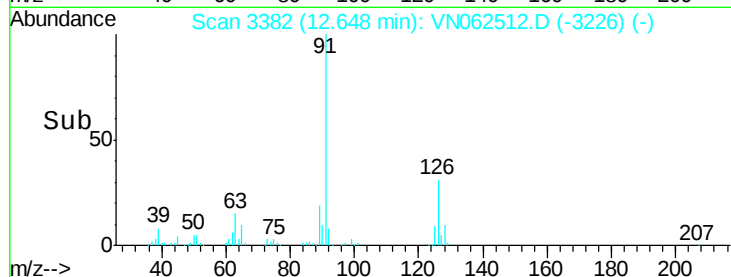
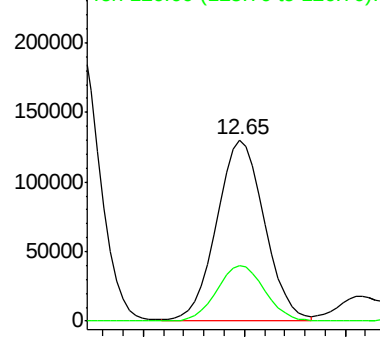
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Abundance Ion 91.00 (90.70 to 91.70): VN

Ion 126.00 (125.70 to 126.70): V



#76

1,3,5-Trimethylbenzene

Concen: 20.265 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. 0.00 min

Lab File: VN062512.D

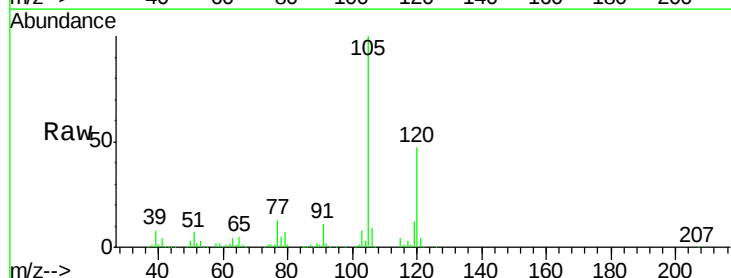
Acq: 13 Jul 2020 12:48

Tgt Ion: 105 Resp: 253241

Ion Ratio Lower Upper

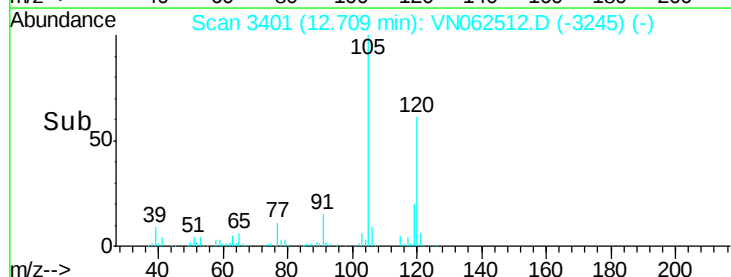
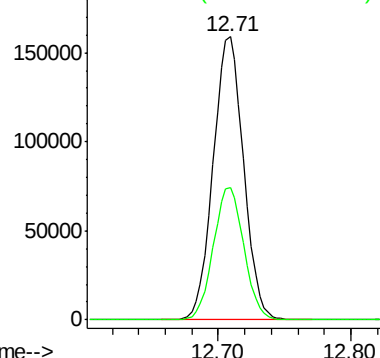
105 100

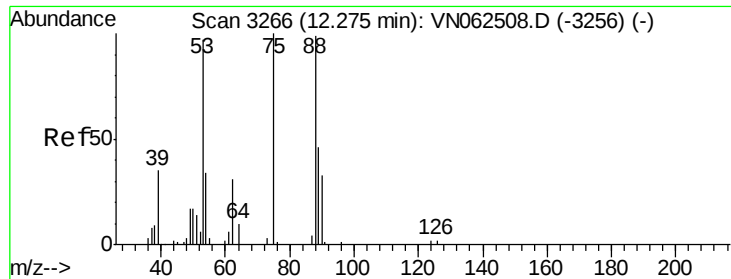
120 46.9 0.0 95.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





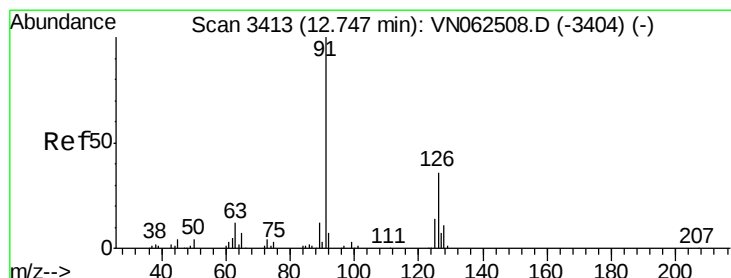
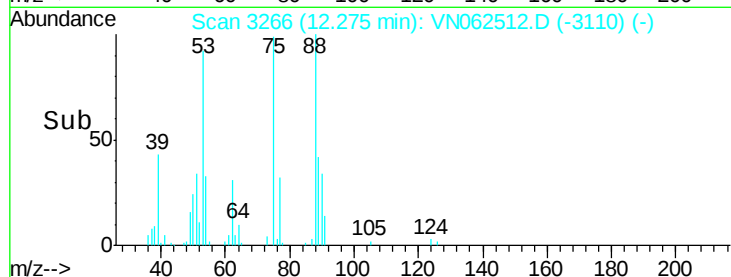
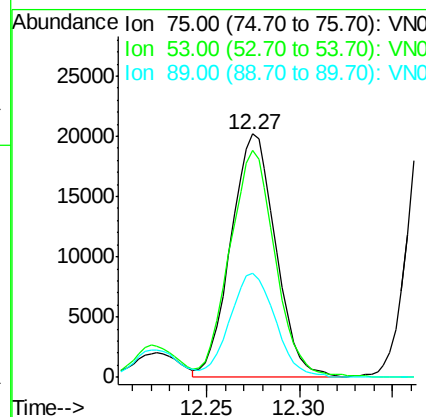
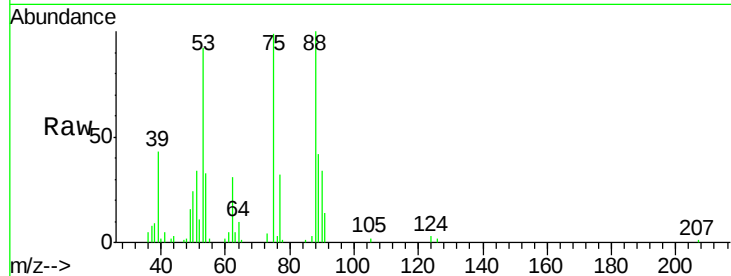
#77
t-1,4-Dichloro-2-butene
Concen: 19.683 ug/l
RT: 12.27 min Scan# 3266
Delta R.T. 0.00 min
Lab File: VN062512.D
Acq: 13 Jul 2020 12:48

Instrument :
MSVOA_N
ClientSampleId :
ICVVN071320

Tot Ion	Ratio	Lower	Upper
75	100		
53	92.0	48.3	144.8
89	42.7	23.3	69.8

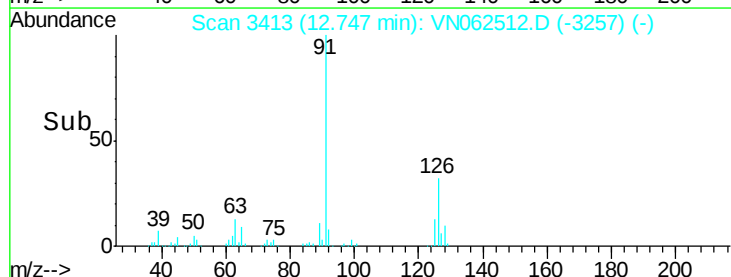
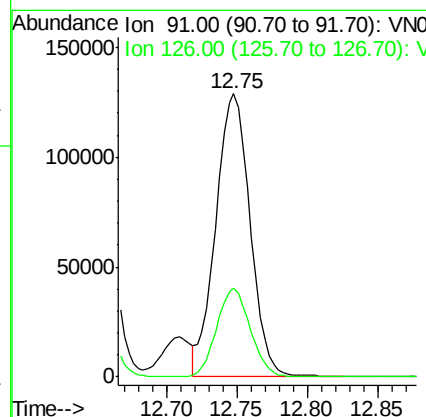
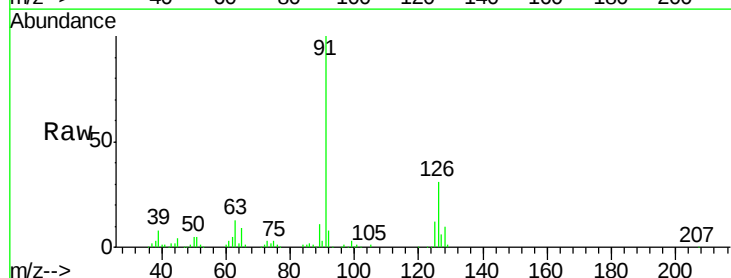
Manual Integrations
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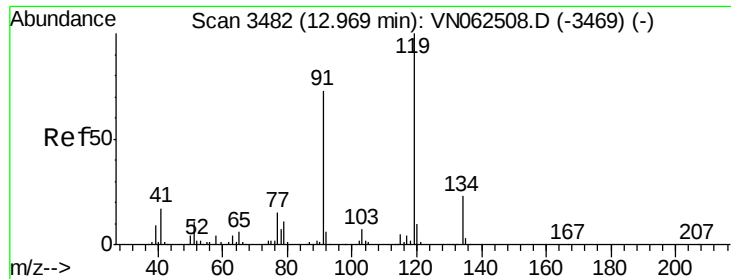
MMDadoda
7/14/2020 11:36:47 AM



#78
4-Chlorotoluene
Concen: 20.175 ug/l
RT: 12.75 min Scan# 3413
Delta R.T. 0.00 min
Lab File: VN062512.D
Acq: 13 Jul 2020 12:48

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.0	0.0	62.2





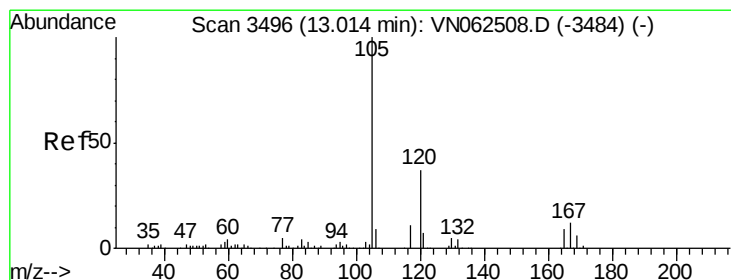
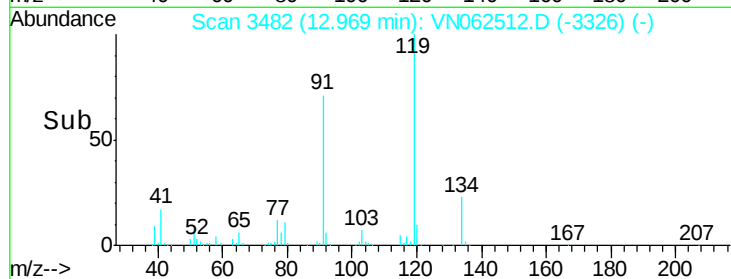
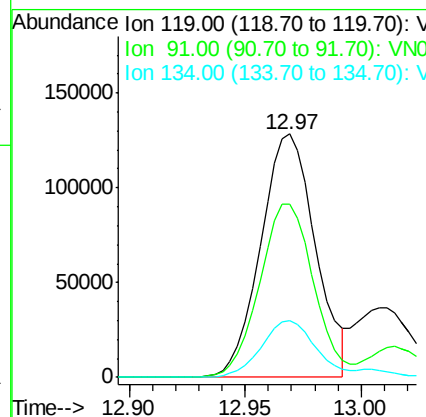
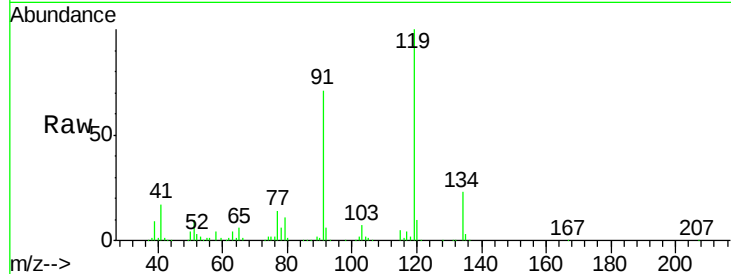
#79
tert-butylbenzene
Concen: 20.423 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. 0.00 min
Lab File: VN062512.D
Acq: 13 Jul 2020 12:48

Instrument :
MSVOA_N
ClientSampleId :
ICVVN071320

Tot Ion	Ratio	Resp	Lower	Upper
119	100	211337		
91	70.3	0.0	139.8	
134	23.0	0.0	45.0	

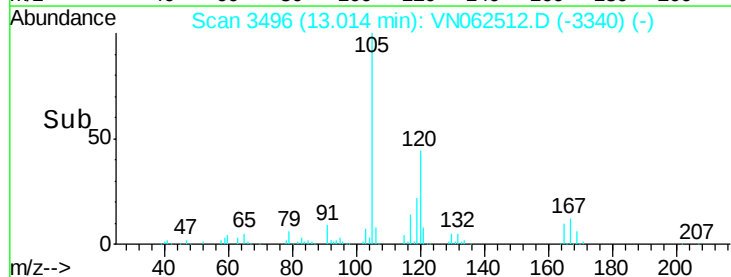
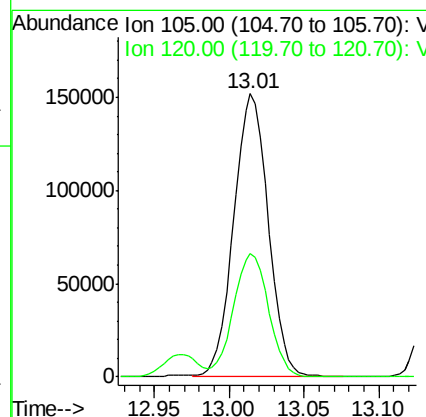
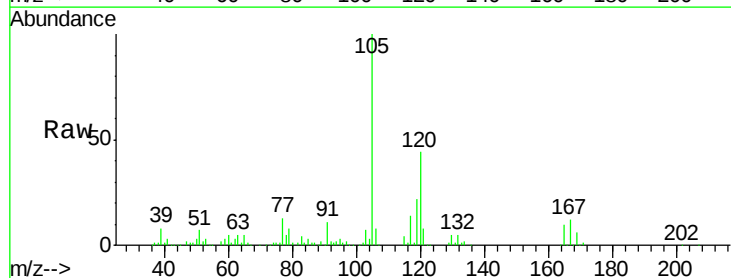
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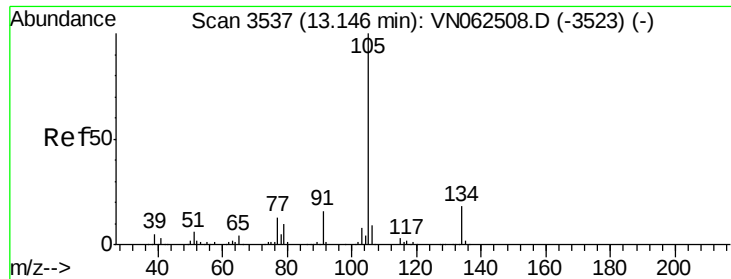
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#80
1,2,4-Trimethylbenzene
Concen: 19.842 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. 0.00 min
Lab File: VN062512.D
Acq: 13 Jul 2020 12:48

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	243868		
120	44.4	0.0	86.6	





#81

sec-Butylbenzene

Concen: 20.252 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. 0.00 min

Lab File: VN062512.D

Acq: 13 Jul 2020 12:48

Instrument :

MSVOA_N

ClientSampleId :

ICVVN071320

Tot Ion:105 Resp: 281438

Ion Ratio Lower Upper

105 100

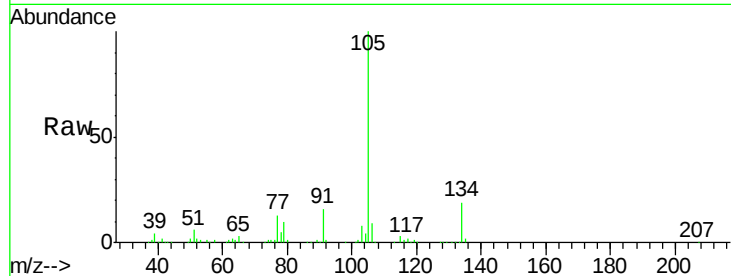
134 18.8 0.0 37.2

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

200000

150000

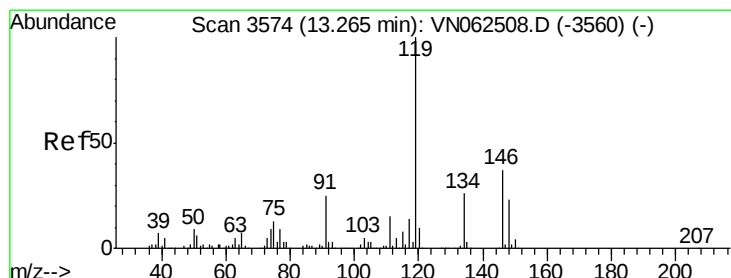
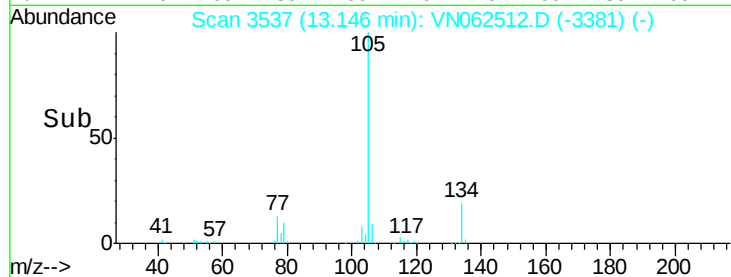
100000

50000

0

13.10 13.15 13.20

Time-->



#82

p-Isopropyltoluene

Concen: 19.918 ug/l

RT: 13.27 min Scan# 3574

Delta R.T. 0.00 min

Lab File: VN062512.D

Acq: 13 Jul 2020 12:48

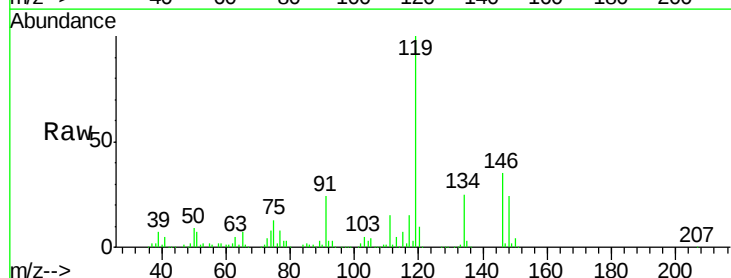
Tgt Ion:119 Resp: 244262

Ion Ratio Lower Upper

119 100

134 25.2 0.0 50.8

91 24.9 0.0 51.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

200000

150000

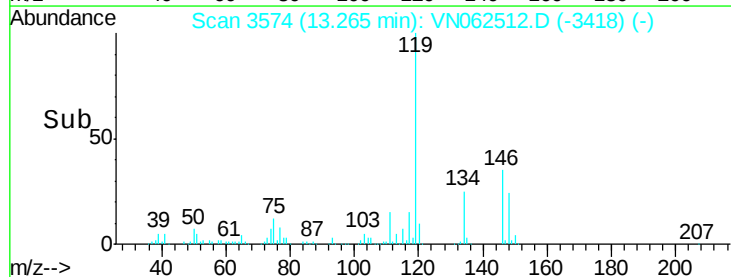
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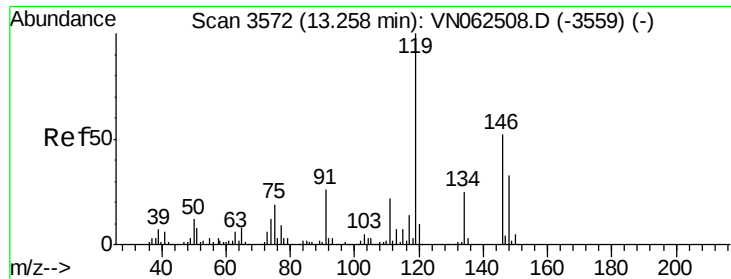
50000

0

13.20 13.25 13.30 13.35

Time-->





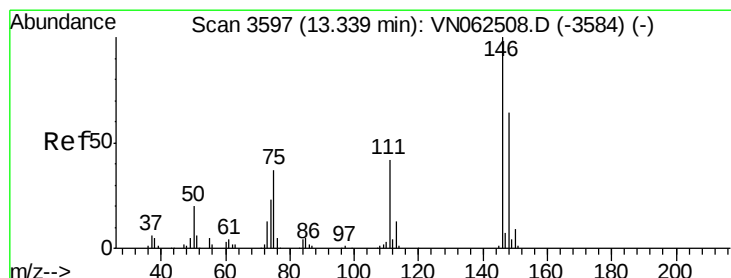
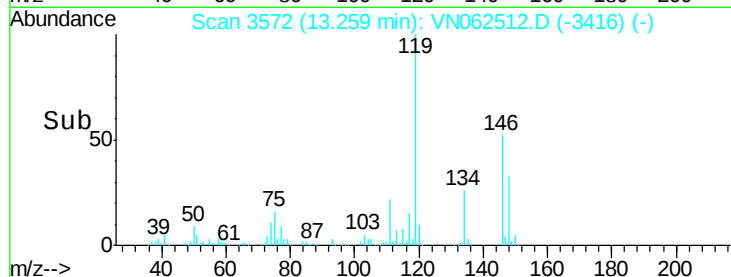
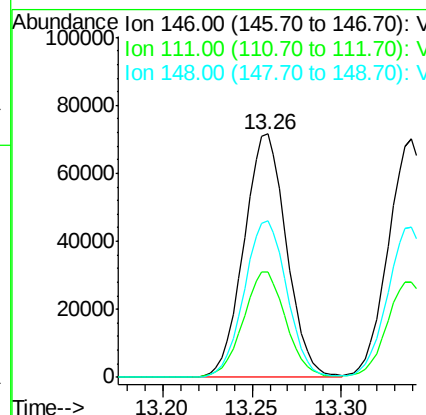
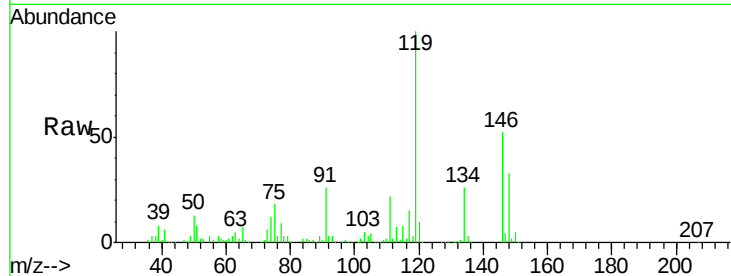
#83
 1,3-Dichlorobenzene
 Concen: 20.216 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VN062512.D
 Acq: 13 Jul 2020 12:48

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN071320

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.2	21.0	63.0
148	64.6	31.7	95.1

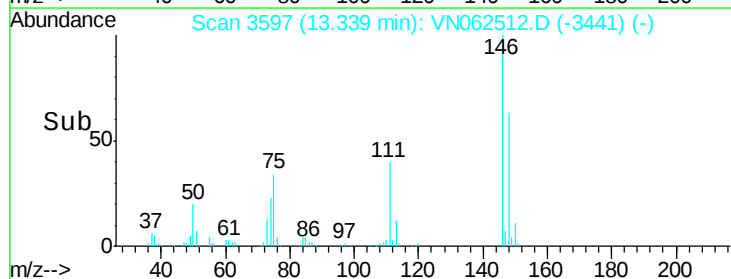
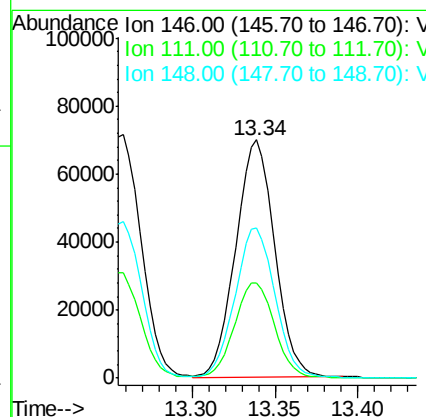
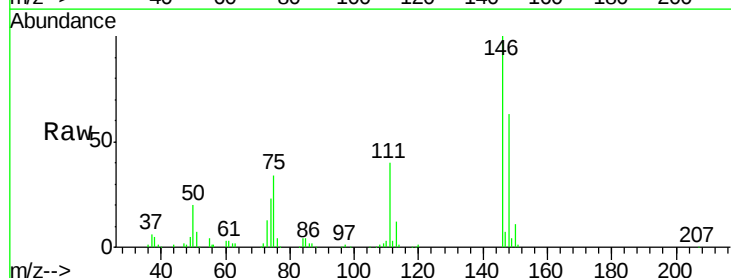
Manual Integrations
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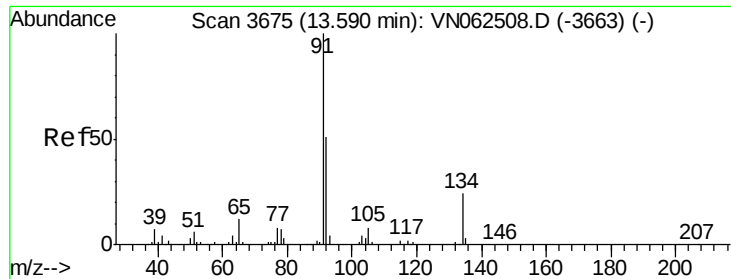
MMDadoda
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#84
 1,4-Dichlorobenzene
 Concen: 19.653 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VN062512.D
 Acq: 13 Jul 2020 12:48

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.8	21.4	64.2
148	65.1	32.4	97.2





#85

n-Butylbenzene

Concen: 18.903 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. 0.00 min

Lab File: VN062512.D

Acq: 13 Jul 2020 12:48

Instrument :

MSVOA_N

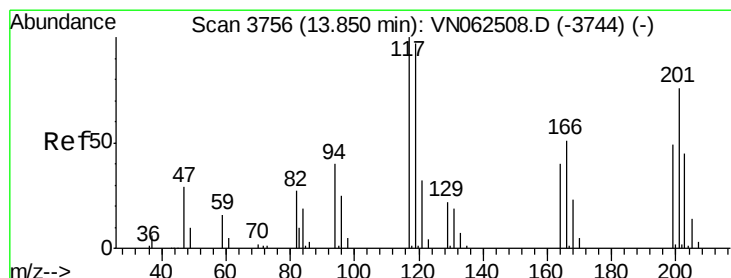
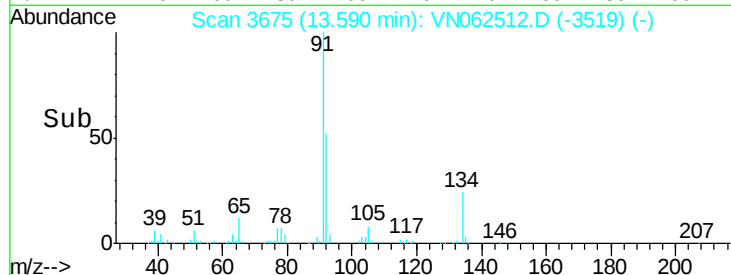
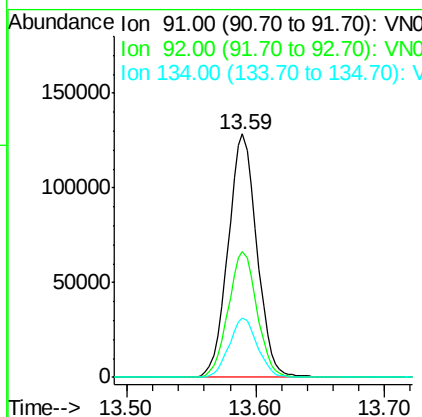
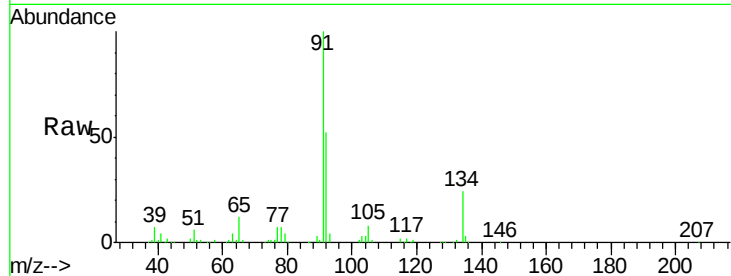
ClientSampleId :

ICVVN071320

Tot Ion:	91	Resp:	198854
Ion Ratio	Lower	Upper	
91	100		
92	51.7	0.0	102.4
134	24.2	0.0	46.6

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#86

Hexachloroethane

Concen: 19.869 ug/l

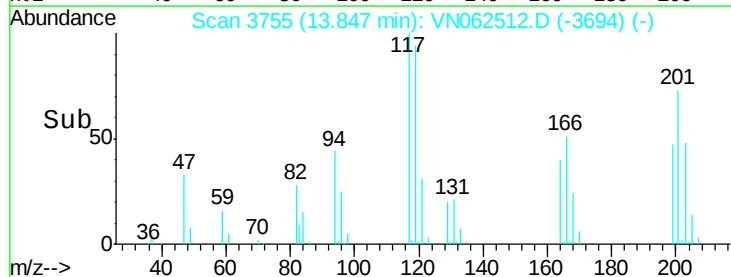
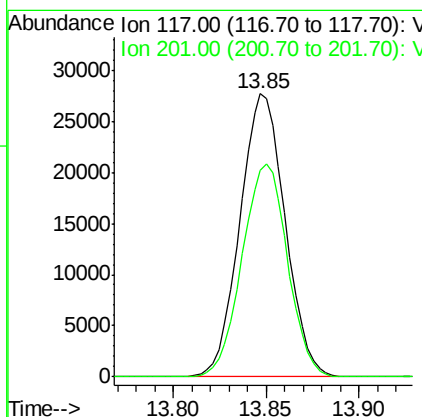
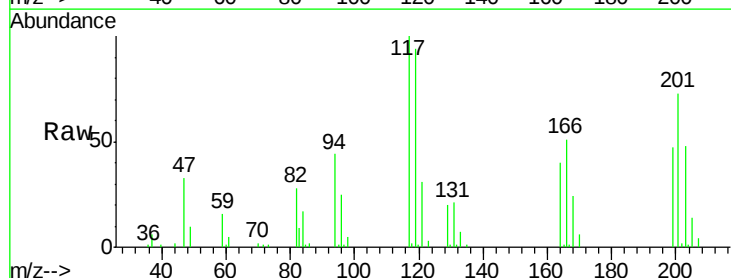
RT: 13.85 min Scan# 3755

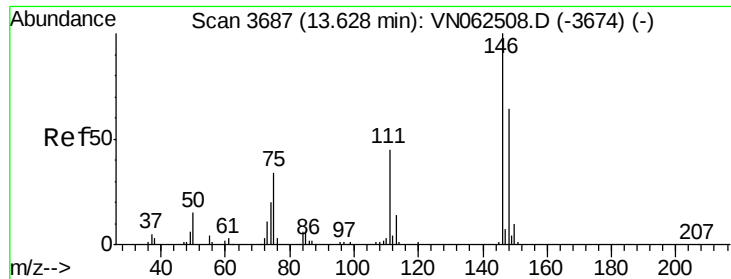
Delta R.T. -0.00 min

Lab File: VN062512.D

Acq: 13 Jul 2020 12:48

Tgt Ion:	117	Resp:	47018
Ion Ratio	Lower	Upper	
117	100		
201	75.4	37.4	112.2





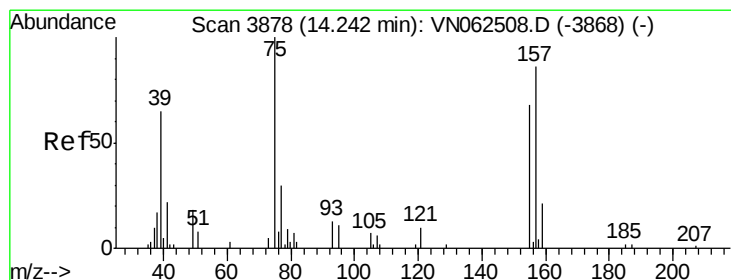
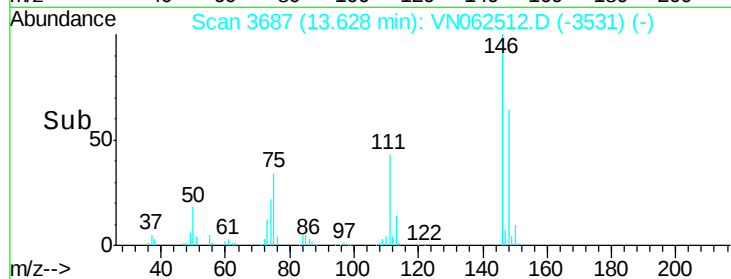
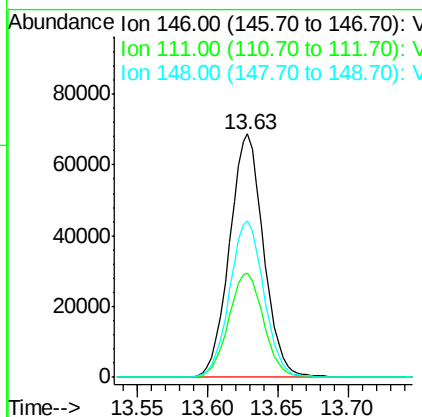
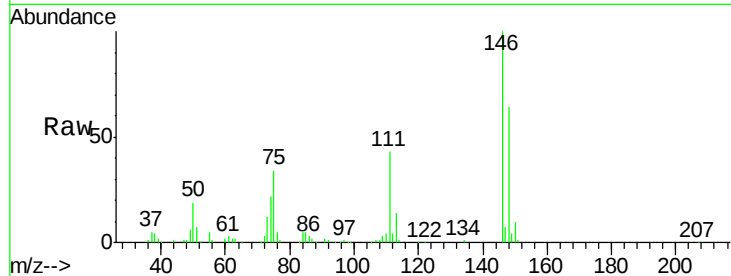
#87
 1,2-Dichlorobenzene
 Concen: 20.455 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN062512.D
 Acq: 13 Jul 2020 12:48

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN071320

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.9	22.4	67.0
148	64.6	32.1	96.3

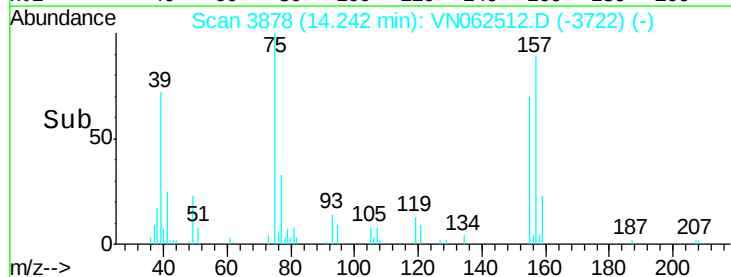
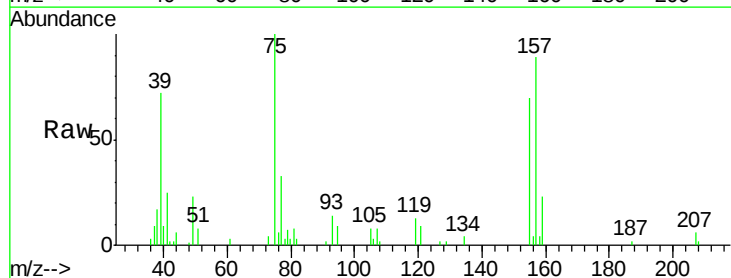
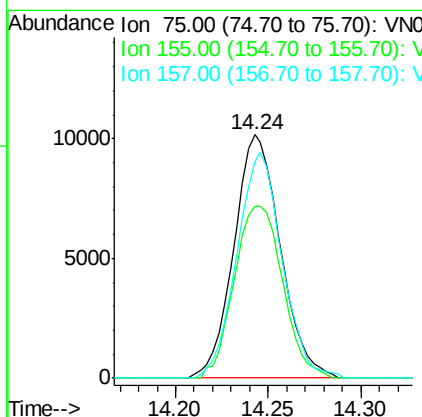
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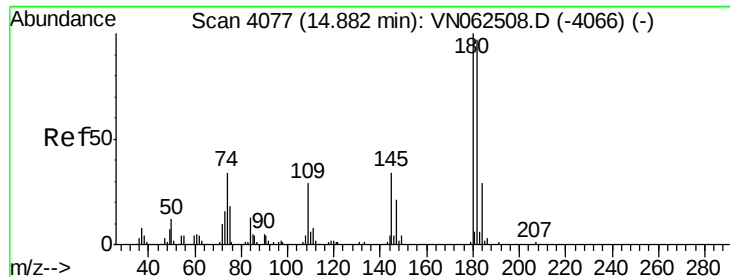
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 7/14/2020 11:36:47 AM



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.809 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. 0.00 min
 Lab File: VN062512.D
 Acq: 13 Jul 2020 12:48

Tgt Ion	Ratio	Lower	Upper
75	100		
155	73.7	55.7	83.5
157	90.0	71.0	106.6





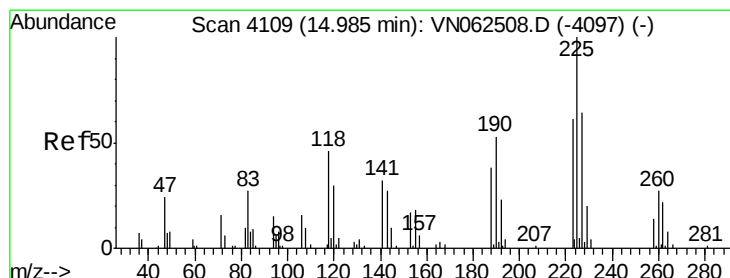
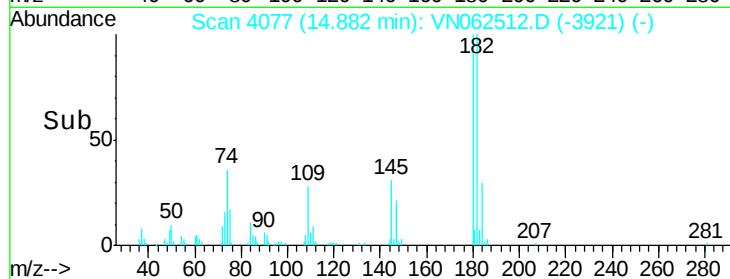
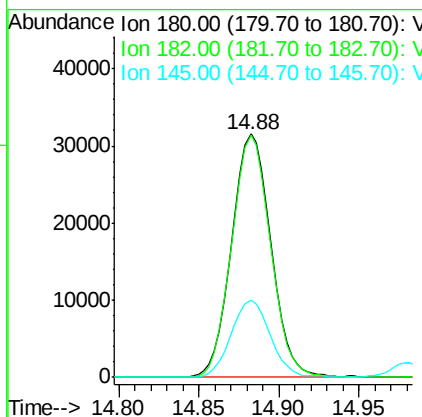
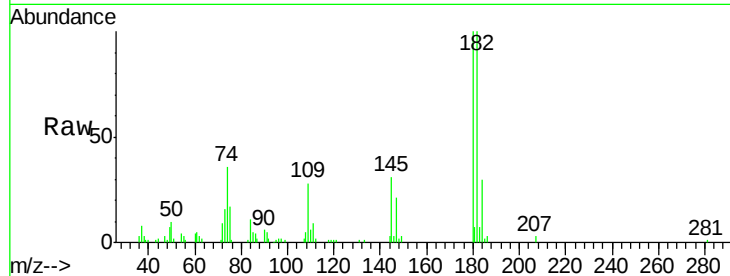
#89
 1,2,4-Trichlorobenzene
 Concen: 18.676 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN062512.D
 Acq: 13 Jul 2020 12:48

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN071320

Tot Ion	Ratio	Resp	Lower	Upper
180	100	52739		
182	97.9		77.5	116.3
145	31.3		26.1	39.1

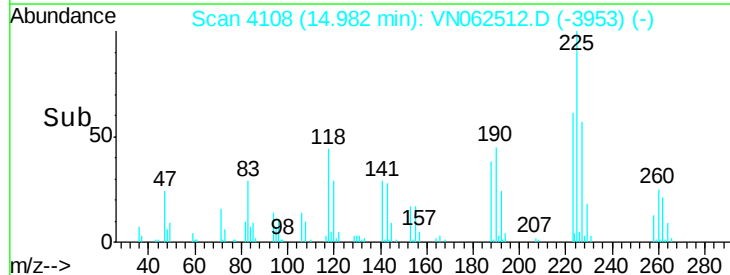
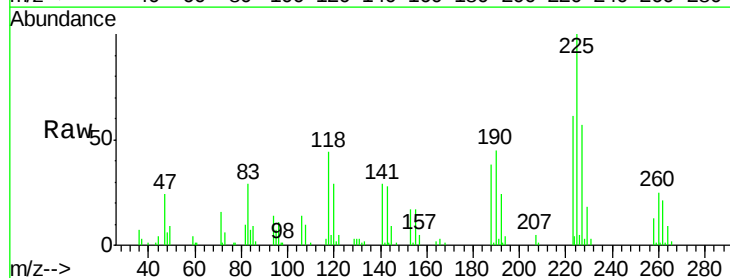
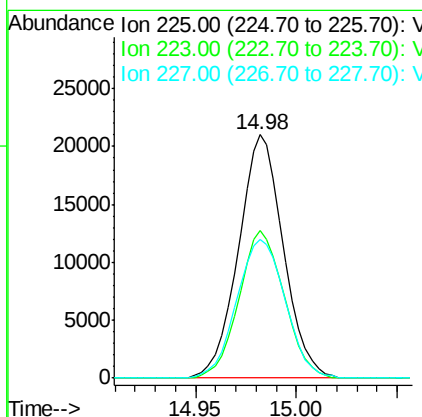
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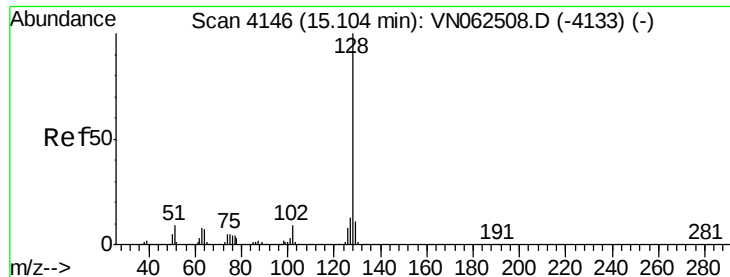
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#90
 Hexachlorobutadiene
 Concen: 20.884 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN062512.D
 Acq: 13 Jul 2020 12:48

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	32709		
223	61.0		0.0	120.4
227	61.6		0.0	129.6





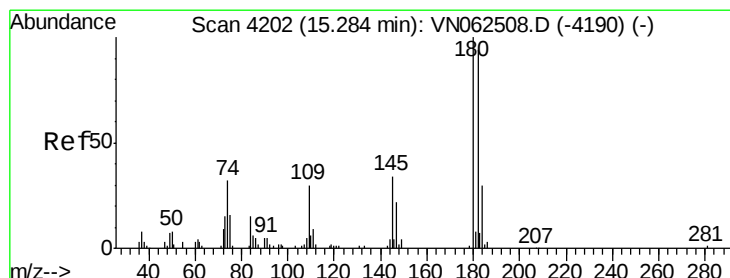
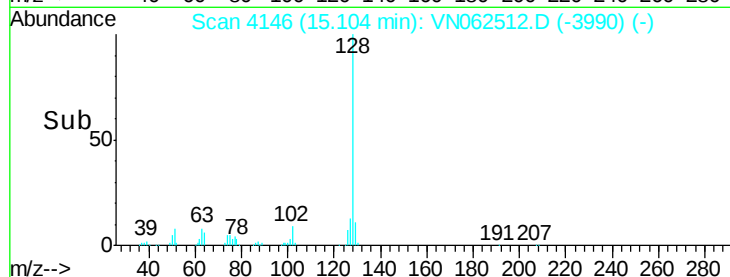
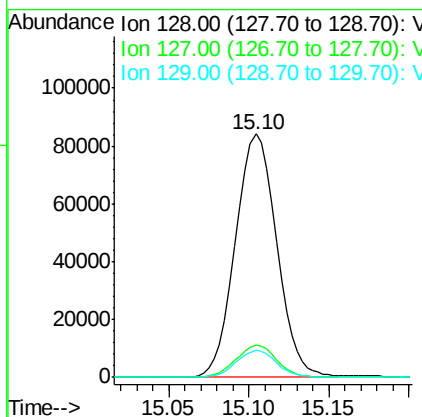
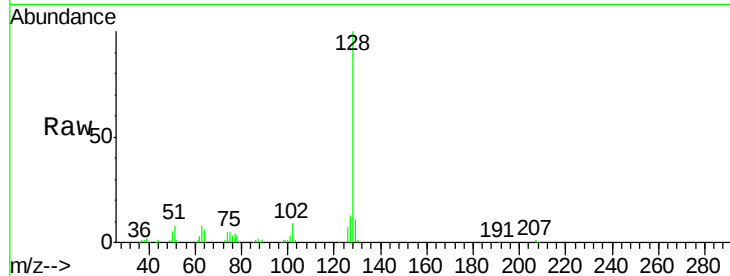
#91
Naphthalene
Concen: 19.416 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN062512.D
Acq: 13 Jul 2020 12:48

Instrument :
MSVOA_N
ClientSampleId :
ICVVN071320

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.0	15.0
129	10.9	8.8	13.2

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#92
1,2,3-Trichlorobenzene
Concen: 19.197 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. 0.00 min
Lab File: VN062512.D
Acq: 13 Jul 2020 12:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	0.0	187.2
145	33.6	0.0	67.8

