

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102120\
 Data File : VN064222.D
 Acq On : 21 Oct 2020 15:29
 Operator : JC/MD
 Sample : VN1021WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1021WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/22/2020 11:28:40 AM

Quant Time: Oct 22 01:57:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102120W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 21 12:48:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	287154	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	473780	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	420714	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	200469	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	222428	52.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.32%	
35) Dibromofluoromethane	7.55	113	160186	50.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.70%	
50) Toluene-d8	10.06	98	571042	49.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.96%	
62) 4-Bromofluorobenzene	12.38	95	222844	48.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	65750	19.233	ug/l	94
3) Chloromethane	2.04	50	64571	19.456	ug/l	97
4) Vinyl Chloride	2.16	62	63558	19.316	ug/l	97
5) Bromomethane	2.54	94	40762	19.005	ug/l	98
6) Chloroethane	2.67	64	37480	18.711	ug/l	97
7) Trichlorofluoromethane	2.98	101	108102	19.978	ug/l	95
8) Diethyl Ether	3.38	74	34386	19.211	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	52553	18.782	ug/l	98
10) Methyl Iodide	3.91	142	67688	17.011	ug/l	99
11) Tert butyl alcohol	4.73	59	52702	92.323	ug/l	100
12) 1,1-Dichloroethene	3.70	96	50100	18.616	ug/l	96
13) Acrolein	3.57	56	29565	82.507	ug/l	99
14) Allyl chloride	4.28	41	102137	18.962	ug/l	97
15) Acrylonitrile	4.94	53	109140	92.461	ug/l	99
16) Acetone	3.78	43	119844	98.220	ug/l	92
17) Carbon Disulfide	4.01	76	143242	18.659	ug/l	99
18) Methyl Acetate	4.28	43	56937	18.312	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	176368	19.062	ug/l	98
20) Methylene Chloride	4.51	84	55879	17.175	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	55124	18.575	ug/l	96
22) Diisopropyl ether	5.91	45	184215	18.397	ug/l	97
23) Vinyl Acetate	5.85	43	844908	94.616	ug/l	99
24) 1,1-Dichloroethane	5.80	63	112262	19.353	ug/l	99
25) 2-Butanone	6.78	43	182351	94.065	ug/l	98
26) 2,2-Dichloropropane	6.77	77	111242	19.263	ug/l #	75
27) cis-1,2-Dichloroethene	6.78	96	62348	18.040	ug/l	95
28) Bromochloromethane	7.15	49	54985	19.953	ug/l	98
29) Tetrahydrofuran	7.17	42	107745	92.916	ug/l	98
30) Chloroform	7.33	83	115236	18.624	ug/l	99
31) Cyclohexane	7.61	56	93443	18.484	ug/l	94
32) 1,1,1-Trichloroethane	7.53	97	110762	19.109	ug/l	99
36) 1,1-Dichloropropene	7.75	75	86470	18.307	ug/l	99
37) Ethyl Acetate	6.88	43	78520	18.309	ug/l	97
38) Carbon Tetrachloride	7.73	117	101485	18.884	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	78935	18.379	ug/l	97
40) Benzene	8.00	78	231395	17.747	ug/l	98
41) Methacrylonitrile	7.12	41	41777m	18.571	ug/l	
42) 1,2-Dichloroethane	8.09	62	103307	18.496	ug/l	99
43) Isopropyl Acetate	8.13	43	146756	18.362	ug/l #	92
44) Trichloroethene	8.80	130	65742	18.503	ug/l	99
45) 1,2-Dichloropropane	9.08	63	63871	18.350	ug/l	97
46) Dibromomethane	9.17	93	43105	18.443	ug/l	96
47) Bromodichloromethane	9.37	83	98024	18.983	ug/l	96
48) Methyl methacrylate	9.17	41	72893	17.459	ug/l	98
49) 1,4-Dioxane	9.17	88	18276	374.124	ug/l	94
51) 4-Methyl-2-Pentanone	9.95	43	407510	95.402	ug/l	99
52) Toluene	10.13	92	148078	17.749	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	104404	18.201	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	109719	18.166	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	58716	18.635	ug/l	97
56) Ethyl methacrylate	10.40	69	93381	19.167	ug/l	99
57) 1,3-Dichloropropane	10.68	76	101930	18.624	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.66	63	234168	93.338	ug/l	99
59) 2-Hexanone	10.72	43	293742	94.163	ug/l	100
60) Dibromochloromethane	10.87	129	71894	17.625	ug/l	100
61) 1,2-Dibromoethane	10.98	107	61951	18.632	ug/l	98
64) Tetrachloroethene	10.60	164	65162	19.239	ug/l	96
65) Chlorobenzene	11.41	112	162513	18.661	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	65306	18.892	ug/l	100
67) Ethyl Benzene	11.48	91	299931	18.741	ug/l	99
68) m/p-Xylenes	11.59	106	221535	37.360	ug/l	97
69) o-Xylene	11.92	106	106529	18.576	ug/l	95
70) Styrene	11.94	104	176399	18.350	ug/l	98
71) Bromoform	12.10	173	48145	18.030	ug/l #	100
73) Isopropylbenzene	12.22	105	282328	18.465	ug/l	99
74) N-amyl acetate	12.05	43	126307	19.118	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	78386	19.319	ug/l	99
76) 1,2,3-Trichloropropane	12.52	75	76437m	18.086	ug/l	
77) Bromobenzene	12.50	156	69953	19.380	ug/l	96
78) n-propylbenzene	12.57	91	318332	18.466	ug/l	99
79) 2-Chlorotoluene	12.65	91	199604	18.851	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	246124	19.041	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	31300	18.698	ug/l	96
82) 4-Chlorotoluene	12.75	91	205229	18.581	ug/l	99
83) tert-Butylbenzene	12.97	119	199015	18.779	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	248306	19.300	ug/l	100
85) sec-Butylbenzene	13.14	105	248000	18.562	ug/l	100
86) p-Isopropyltoluene	13.26	119	230374	18.935	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	118569	18.461	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	117235	17.833	ug/l	97
89) n-Butylbenzene	13.59	91	200962	18.427	ug/l	100
90) Hexachloroethane	13.85	117	39377	17.871	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	116626	18.510	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	19466	19.231	ug/l	97

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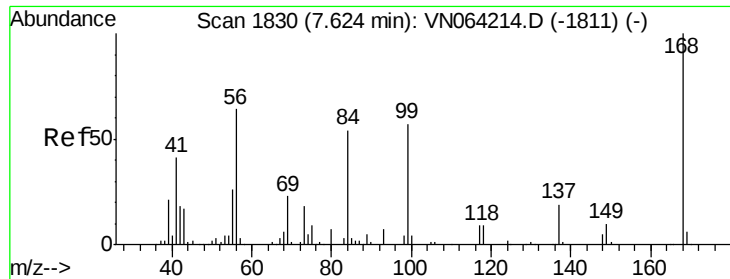
Manual Integrations
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MMDadoda
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	67416	19.077	ug/l	100
94) Hexachlorobutadiene	14.98	225	35253	18.496	ug/l	98
95) Naphthalene	15.10	128	204699	19.342	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	64614	18.461	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064222.D

Acq: 21 Oct 2020 15:29

Instrument :

MSVOA_N

ClientSampleId :

VN1021WBS01

Tot Ion:168 Resp: 287154

Ion Ratio Lower Upper

168 100

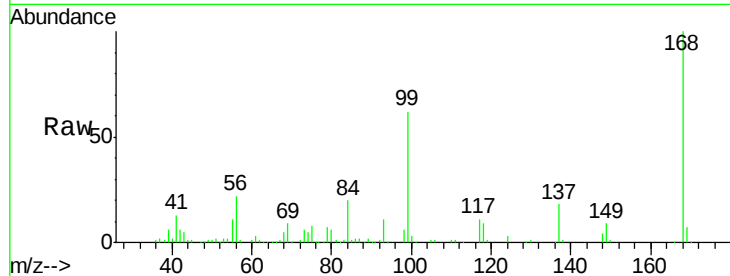
99 61.3 54.0 81.0

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

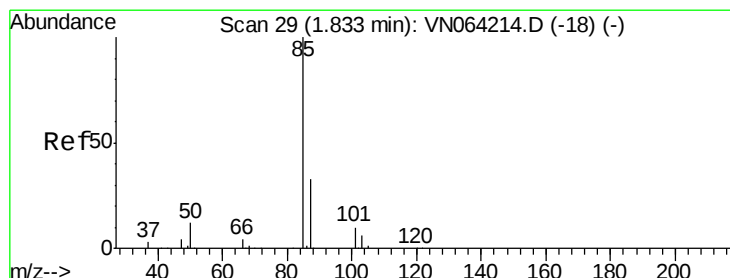
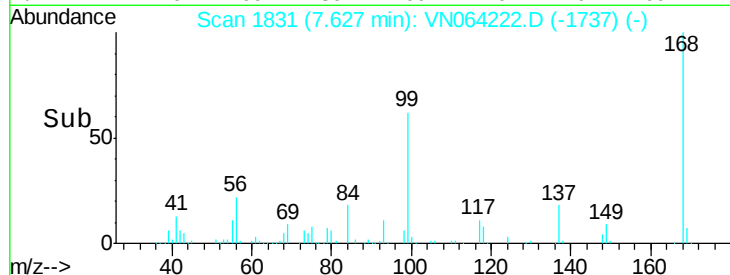
7.63

100000

50000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 19.233 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064222.D

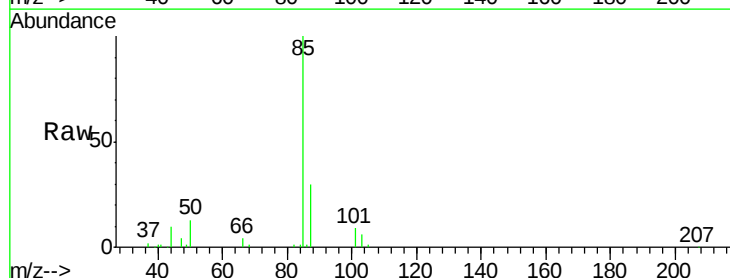
Acq: 21 Oct 2020 15:29

Tgt Ion: 85 Resp: 65750

Ion Ratio Lower Upper

85 100

87 29.9 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

50000

40000

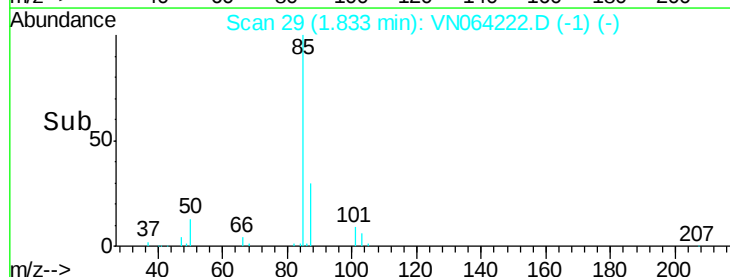
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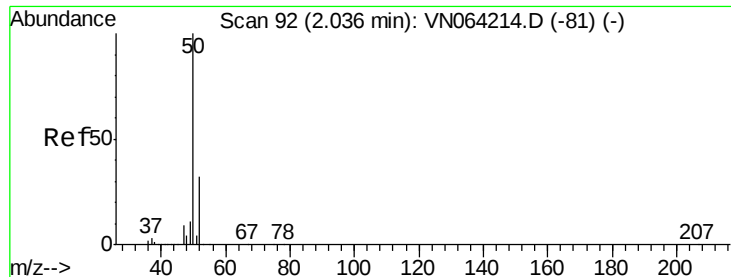
20000

10000

0

Time--> 1.80 1.85 1.90





#3

Chloromethane

Concen: 19.456 ug/l

RT: 2.04 min Scan# 92

Delta R.T. -0.00 min

Lab File: VN064222.D

Acq: 21 Oct 2020 15:29

Instrument :

MSVOA_N

ClientSampleId :

VN1021WBS01

Tot Ion: 50 Resp: 64571

Ion Ratio Lower Upper

50 100

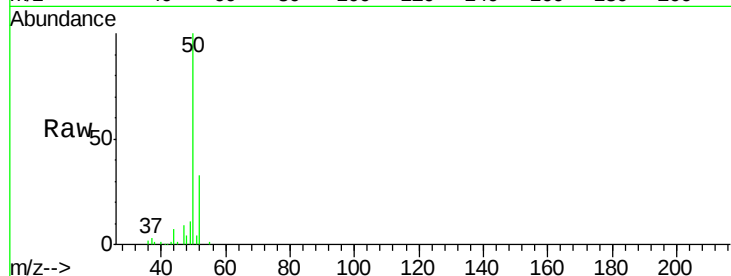
52 33.2 25.3 37.9

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.04

50000

40000

30000

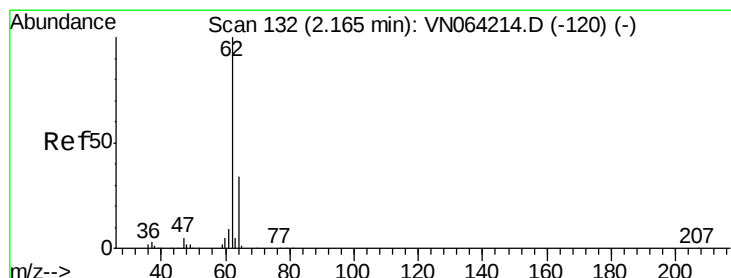
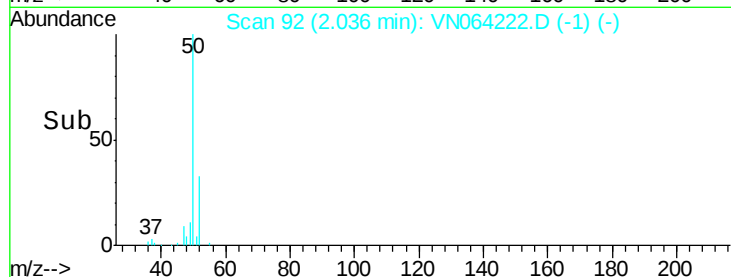
20000

10000

0

Time-->

2.00 2.05 2.10



#4

Vinyl Chloride

Concen: 19.316 ug/l

RT: 2.16 min Scan# 132

Delta R.T. -0.00 min

Lab File: VN064222.D

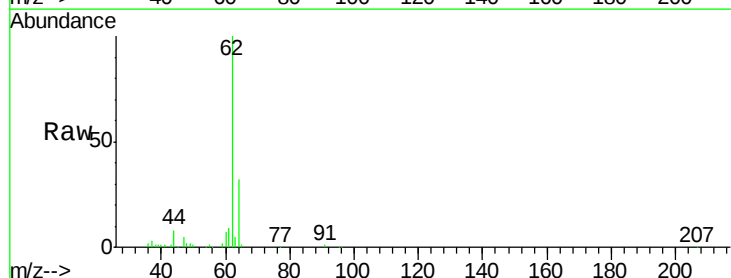
Acq: 21 Oct 2020 15:29

Tgt Ion: 62 Resp: 63558

Ion Ratio Lower Upper

62 100

64 32.0 26.8 40.2



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

2.16

50000

40000

30000

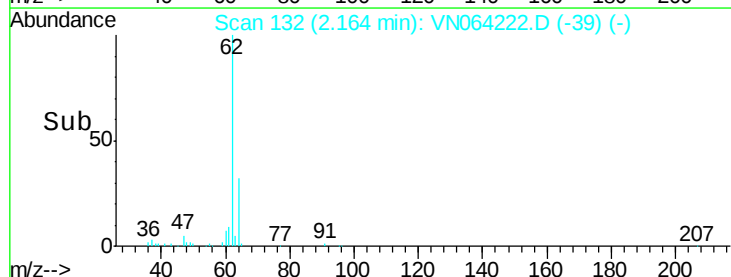
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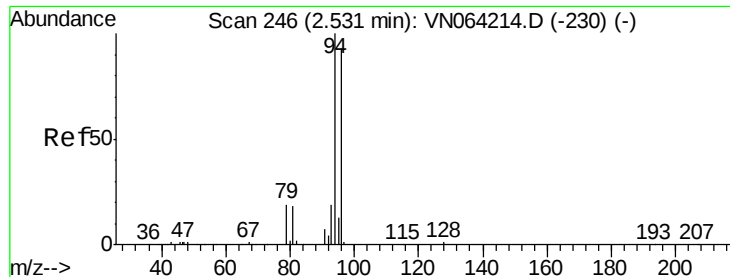
10000

0

Time-->

2.10 2.15 2.20





#5

Bromomethane

Concen: 19.005 ug/l

RT: 2.54 min Scan# 248

Delta R.T. 0.01 min

Lab File: VN064222.D

Acq: 21 Oct 2020 15:29

Instrument :

MSVOA_N

ClientSampleId :

VN1021WBS01

Tot Ion: 94 Resp: 40762

Ion Ratio Lower Upper

94 100

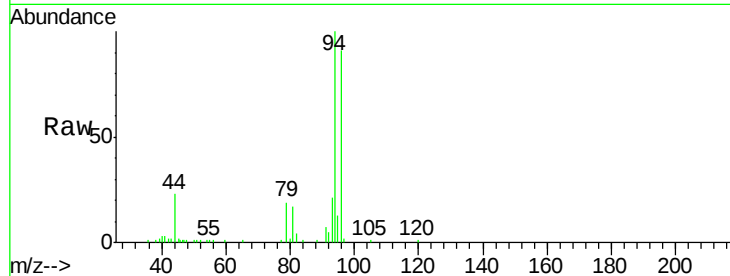
96 90.8 74.2 111.4

Manual Integrations

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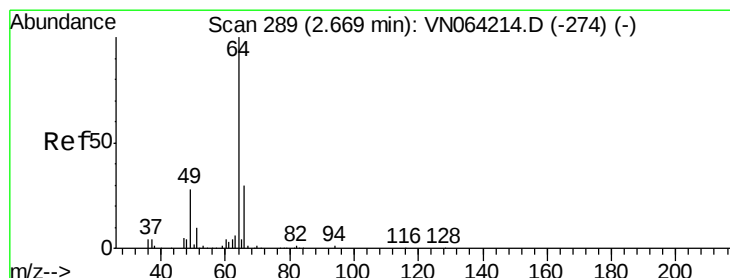
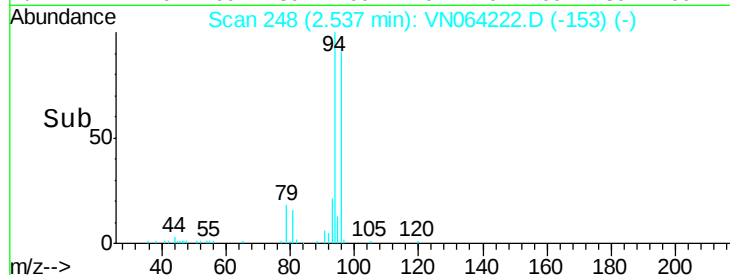
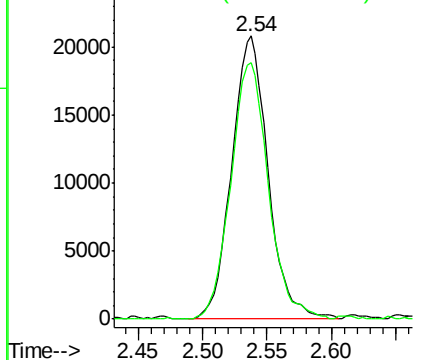
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 18.711 ug/l

RT: 2.67 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN064222.D

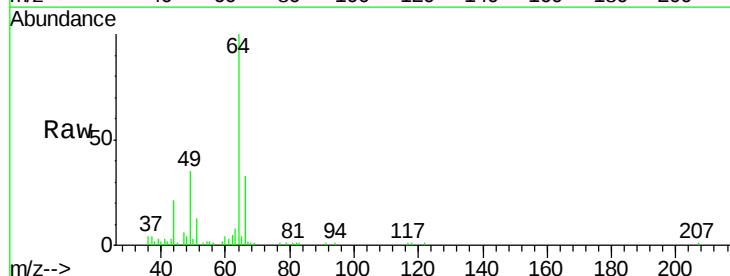
Acq: 21 Oct 2020 15:29

Tgt Ion: 64 Resp: 37480

Ion Ratio Lower Upper

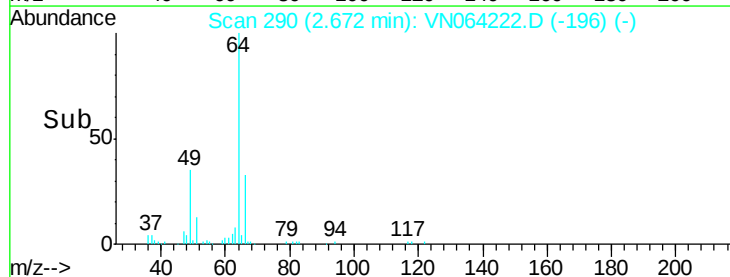
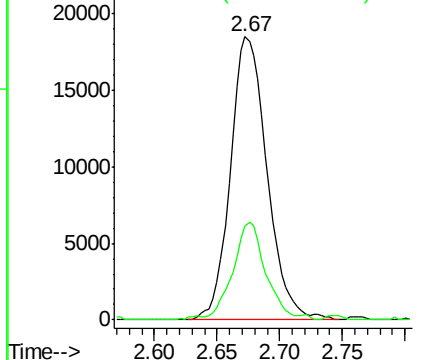
64 100

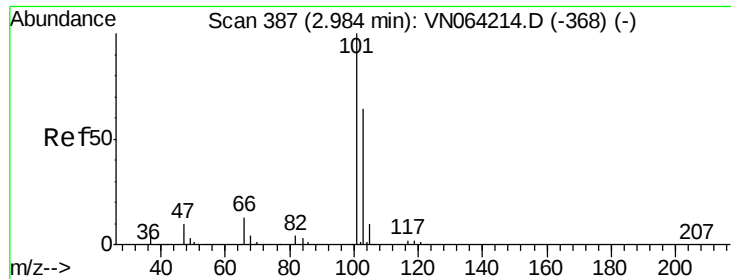
66 32.1 24.5 36.7



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

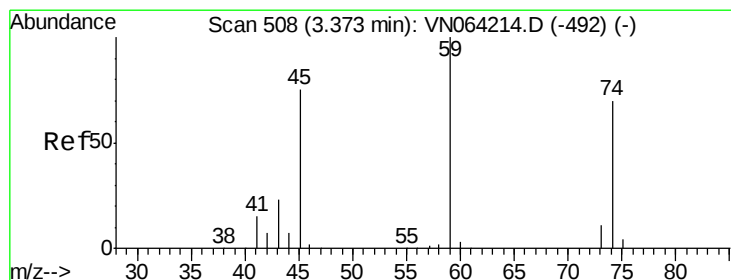
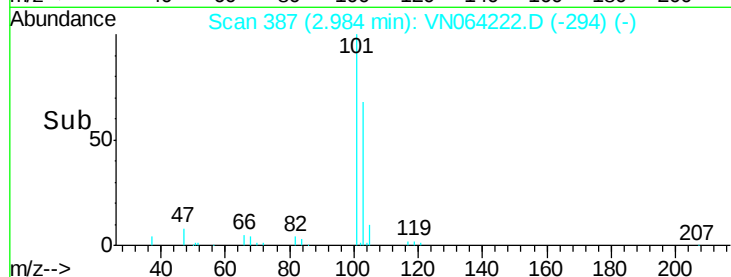
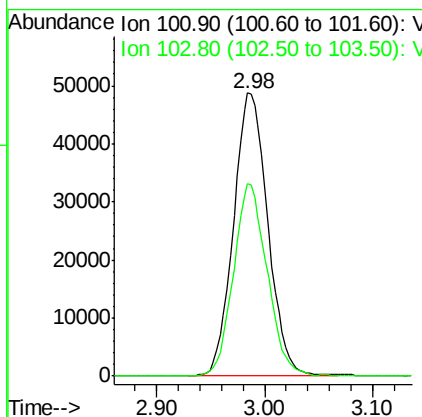
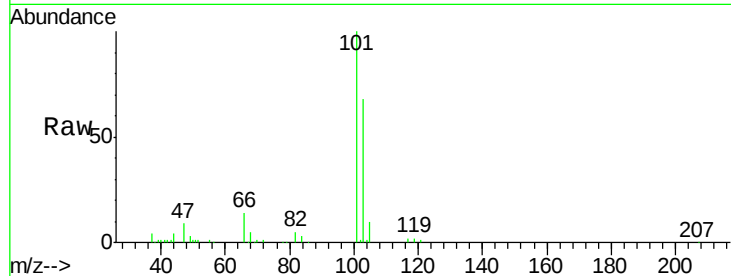
Trichlorofluoromethane
Concen: 19.978 ug/l
RT: 2.98 min Scan# 387
Delta R.T. -0.00 min
Lab File: VN064222.D
Acq: 21 Oct 2020 15:29

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Tot Ion	Ratio	Lower	Upper
101	100		
103	68.0	51.0	76.6

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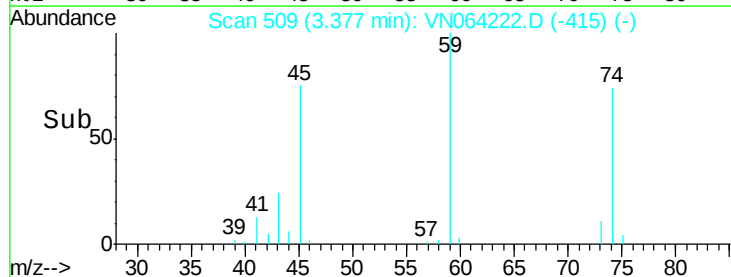
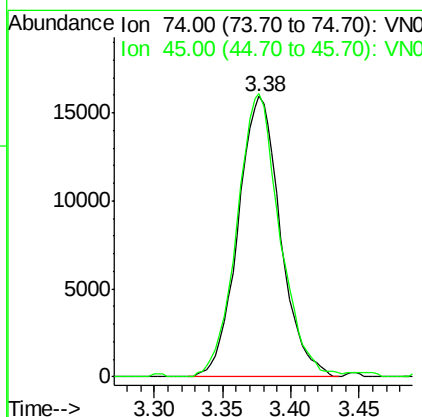
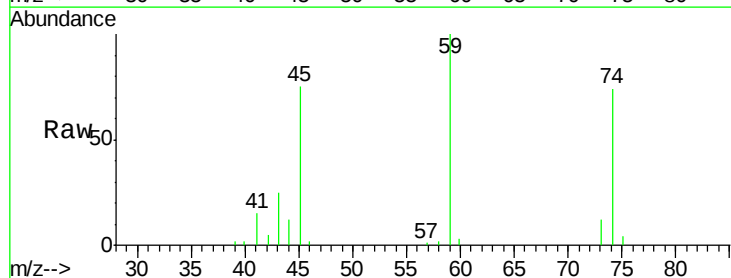
MMDadoda
10/22/2020 11:28:40 AM

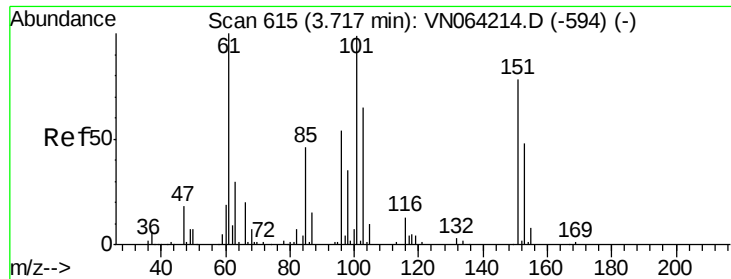


#8

Diethyl Ether
Concen: 19.211 ug/l
RT: 3.38 min Scan# 509
Delta R.T. 0.00 min
Lab File: VN064222.D
Acq: 21 Oct 2020 15:29

Tgt Ion	Ratio	Lower	Upper
74	100		
45	102.4	51.3	154.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.782 ug/l

RT: 3.72 min Scan# 617

Delta R.T. 0.01 min

Lab File: VN064222.D

Acq: 21 Oct 2020 15:29

Instrument :

MSVOA_N

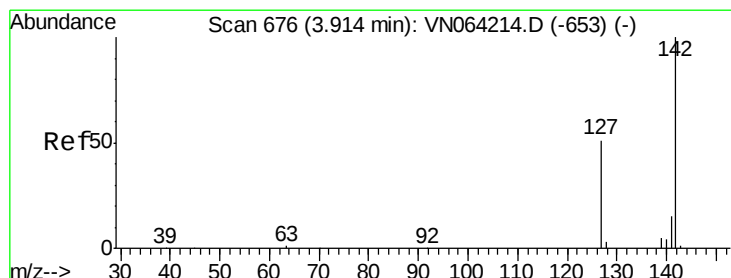
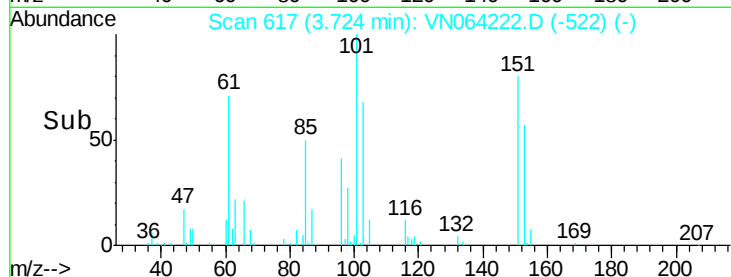
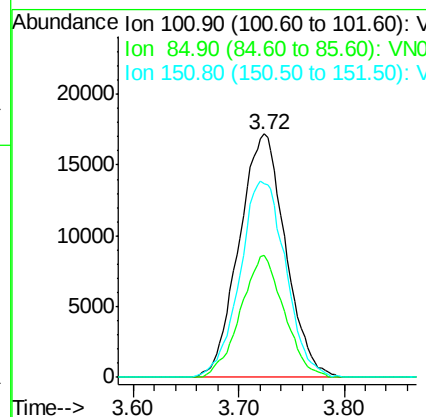
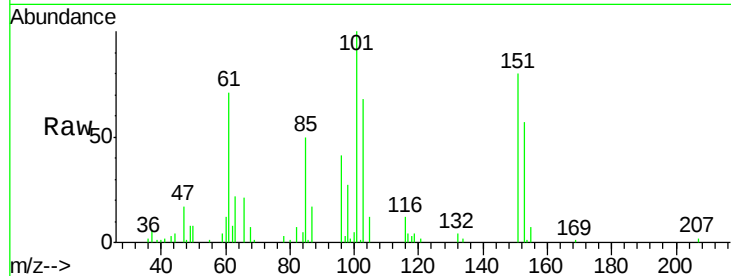
ClientSampleId :

VN1021WBS01

Tot Ion:	101	Resp:	52553
Ion Ratio	Lower	Upper	
101	100		
85	46.8	37.8	56.8
151	79.6	61.4	92.2

Manual Integrations
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#10

Methyl Iodide

Concen: 17.011 ug/l

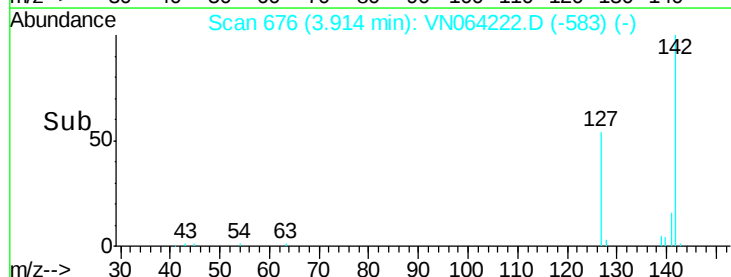
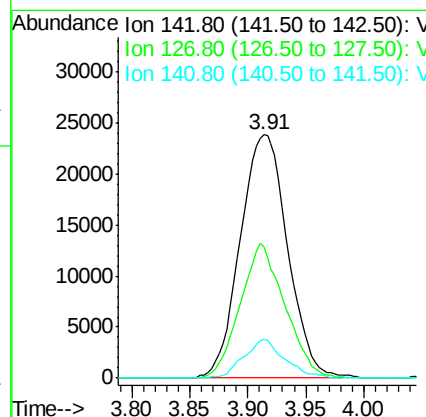
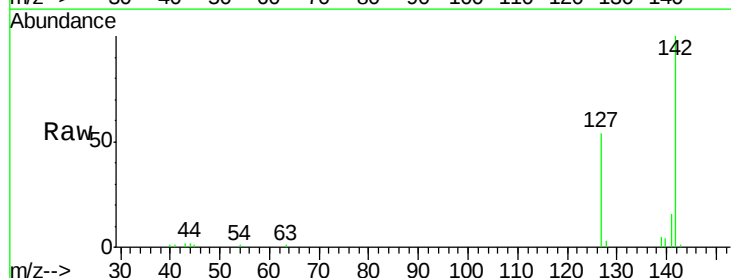
RT: 3.91 min Scan# 676

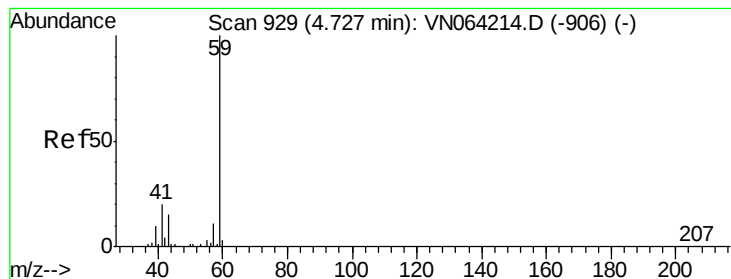
Delta R.T. -0.00 min

Lab File: VN064222.D

Acq: 21 Oct 2020 15:29

Tgt Ion:	142	Resp:	67688
Ion Ratio	Lower	Upper	
142	100		
127	52.2	41.0	61.6
141	13.7	11.3	16.9





#11

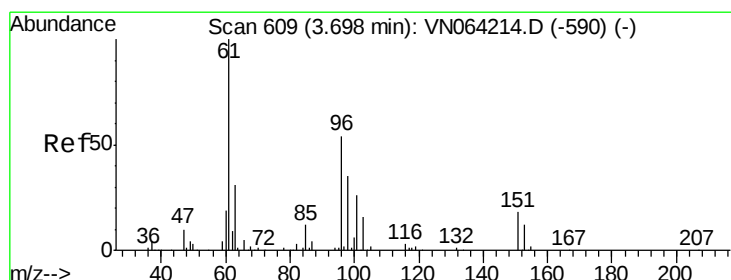
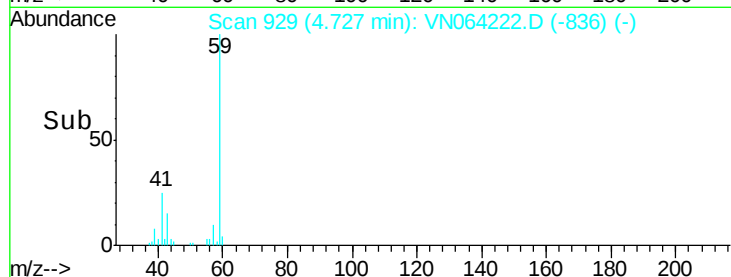
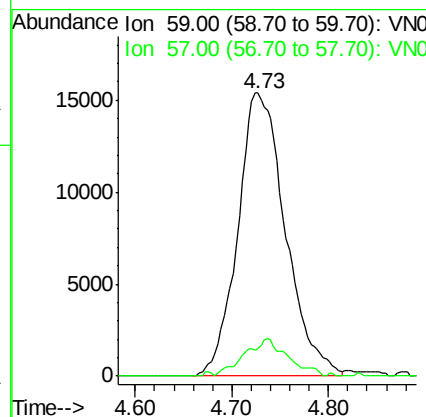
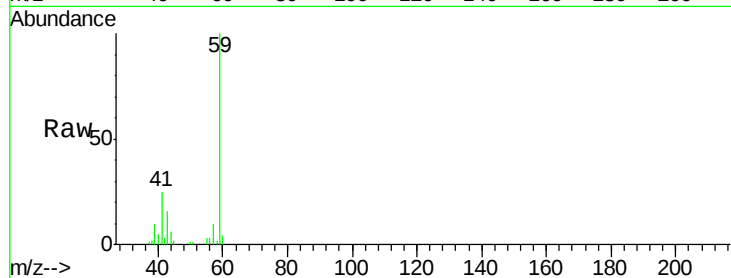
Tert butyl alcohol
 Concen: 92.323 ug/l
 RT: 4.73 min Scan# 929
 Delta R.T. -0.00 min
 Lab File: VN064222.D
 Acq: 21 Oct 2020 15:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1021WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.3	9.2	13.8

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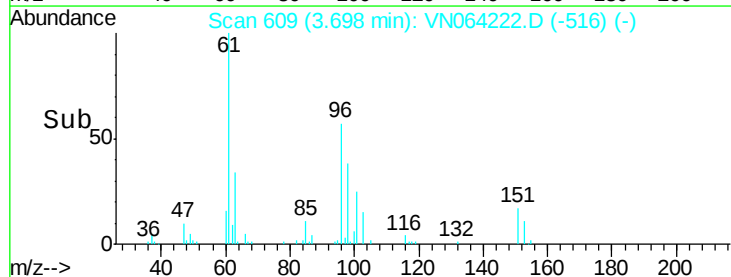
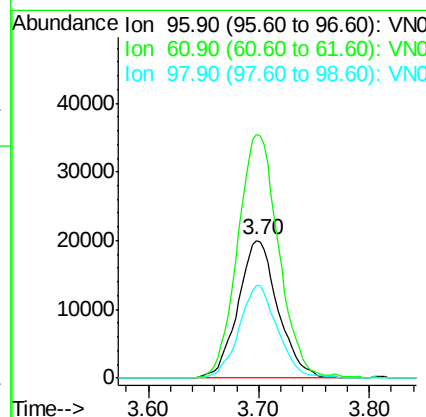
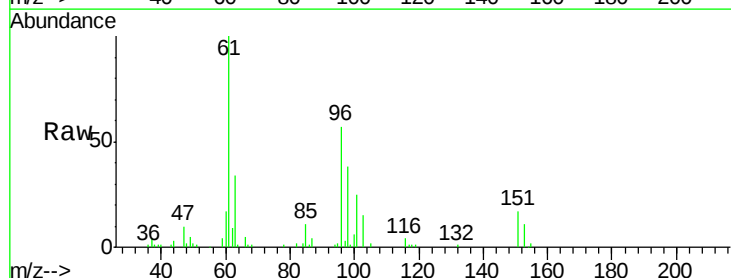
MMDadoda
 10/22/2020 11:28:40 AM

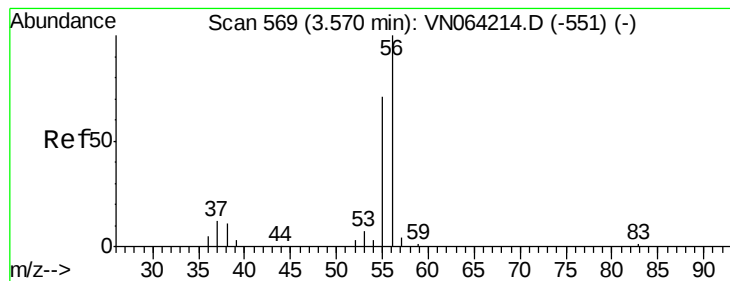


#12

1,1-Dichloroethene
 Concen: 18.616 ug/l
 RT: 3.70 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: VN064222.D
 Acq: 21 Oct 2020 15:29

Tgt Ion	Ratio	Lower	Upper
96	100		
61	176.7	147.0	220.4
98	67.3	51.7	77.5





#13

Acrolein

Concen: 82.507 ug/l

RT: 3.57 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN064222.D

Acq: 21 Oct 2020 15:29

Instrument :

MSVOA_N

ClientSampleId :

VN1021WBS01

Tot Ion: 56 Resp: 29565

Ion Ratio Lower Upper

56 100

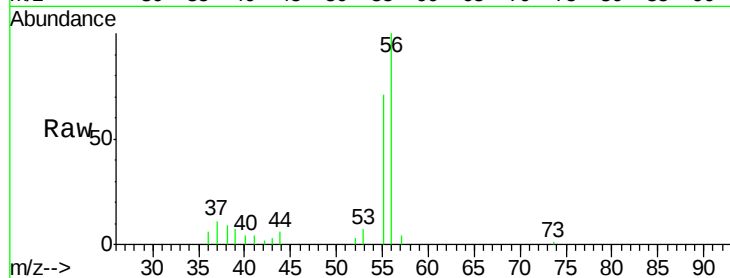
55 69.6 56.1 84.1

Manual Integrations

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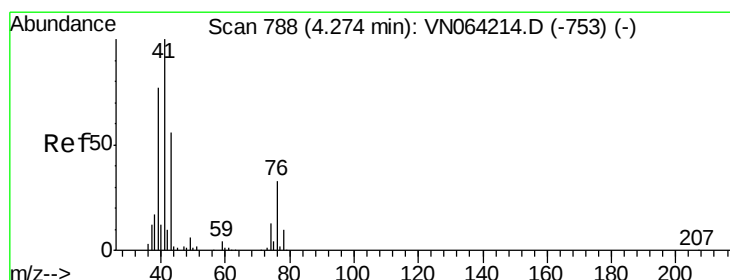
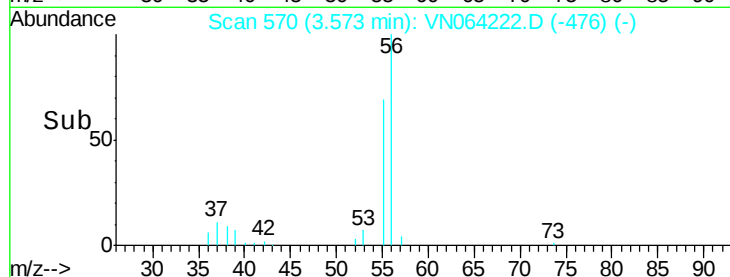
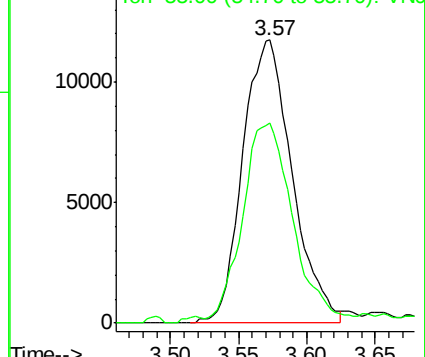
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Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 18.962 ug/l

RT: 4.28 min Scan# 789

Delta R.T. 0.00 min

Lab File: VN064222.D

Acq: 21 Oct 2020 15:29

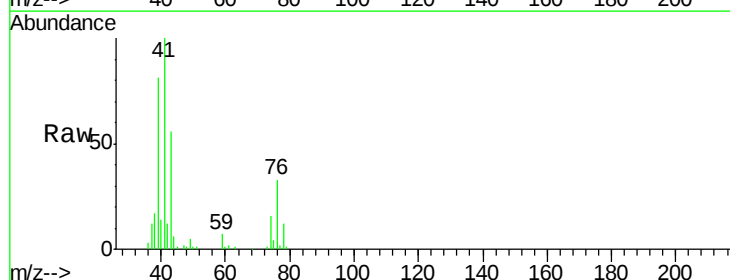
Tgt Ion: 41 Resp: 102137

Ion Ratio Lower Upper

41 100

39 71.2 58.6 88.0

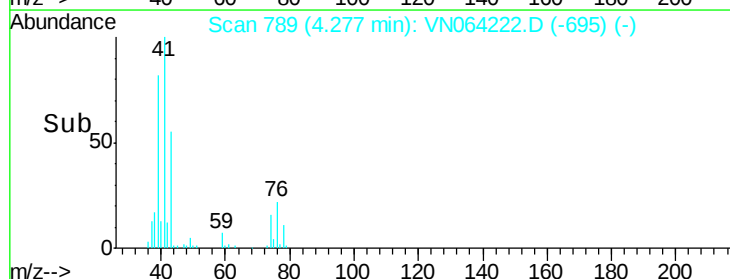
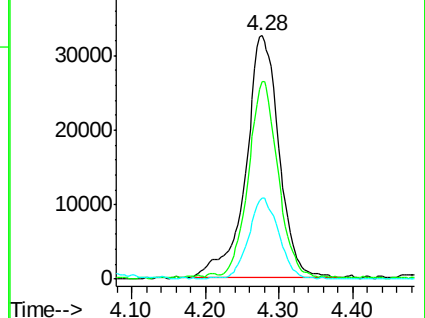
76 29.0 24.5 36.7

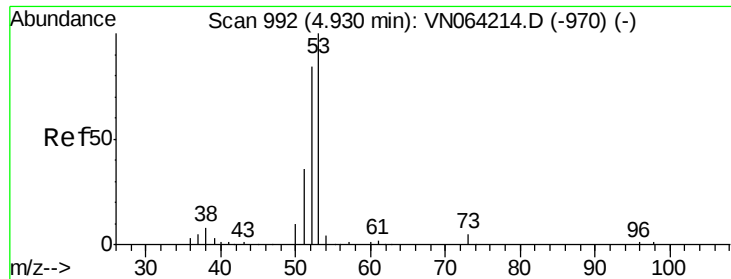


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 92.461 ug/l

RT: 4.94 min Scan# 994

Delta R.T. 0.01 min

Lab File: VN064222.D

Acq: 21 Oct 2020 15:29

Instrument :

MSVOA_N

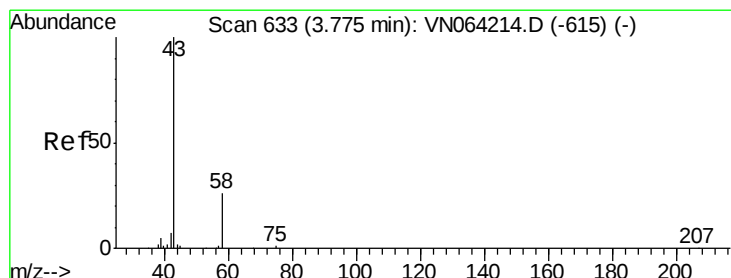
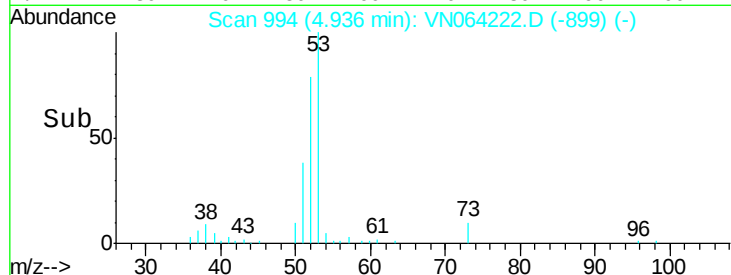
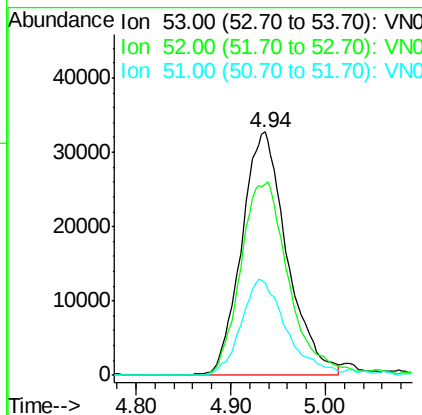
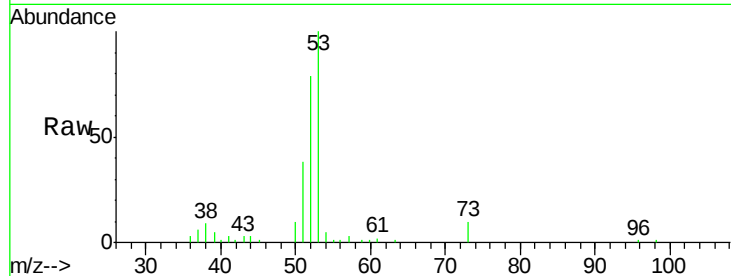
ClientSampleId :

VN1021WBS01

Tot Ion:	53	Resp:	109140
Ion	Ratio	Lower	Upper
53	100		
52	84.2	66.8	100.2
51	39.1	30.7	46.1

Manual Integrations
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#16

Acetone

Concen: 98.220 ug/l

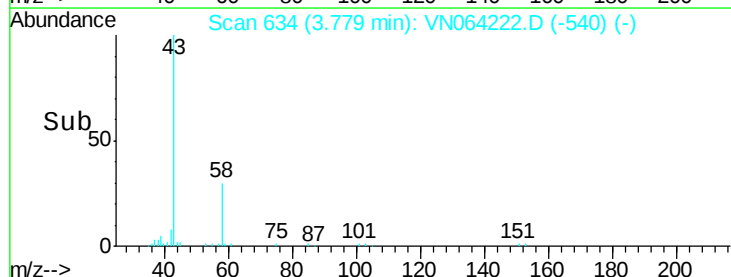
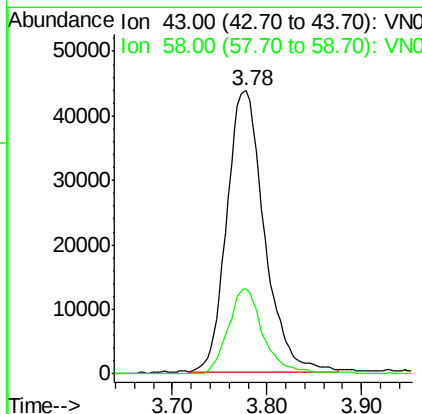
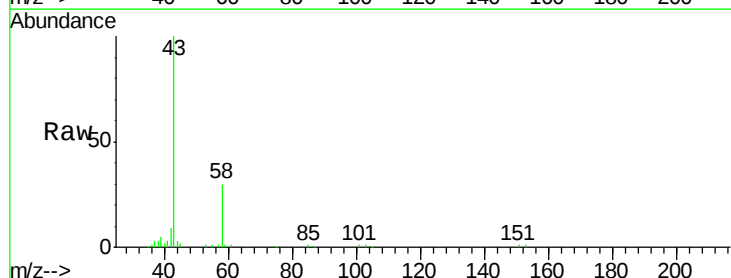
RT: 3.78 min Scan# 634

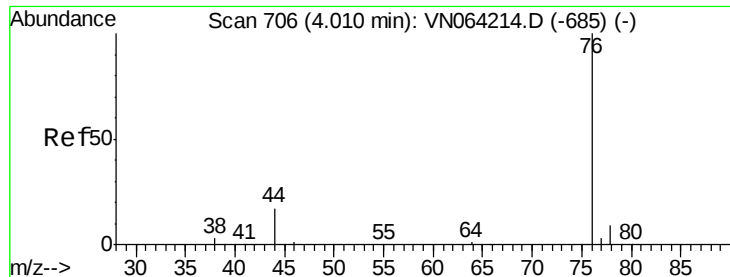
Delta R.T. 0.00 min

Lab File: VN064222.D

Acq: 21 Oct 2020 15:29

Tgt Ion:	43	Resp:	119844
Ion	Ratio	Lower	Upper
43	100		
58	30.3	21.0	31.4





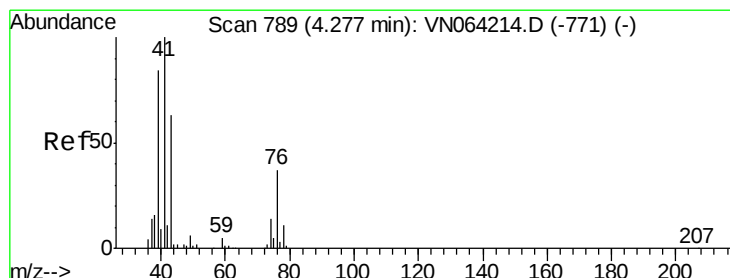
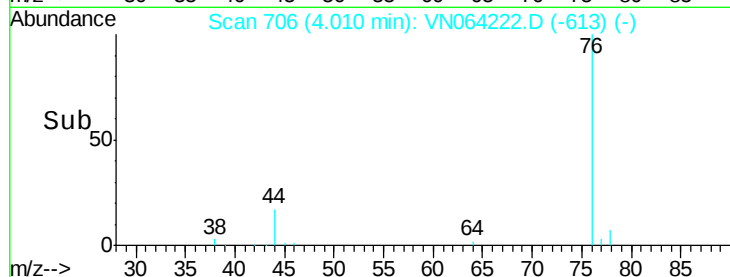
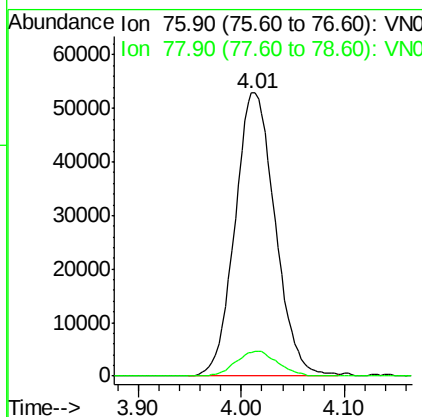
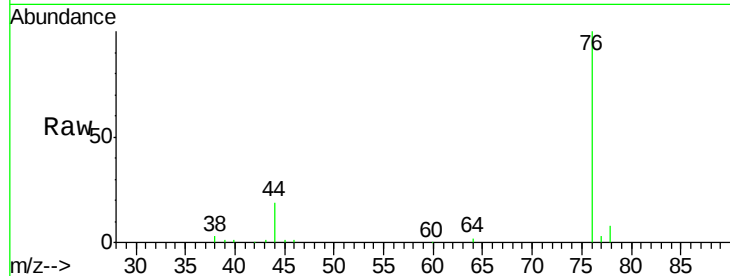
#17
Carbon Disulfide
Concen: 18.659 ug/l
RT: 4.01 min Scan# 706
Delta R.T. -0.00 min
Lab File: VN064222.D
Acq: 21 Oct 2020 15:29

Instrument :
MSVOA_N
ClientSampleId :
VN1021WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.4	7.1	10.7

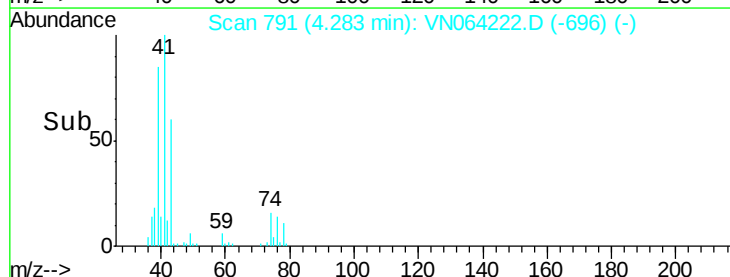
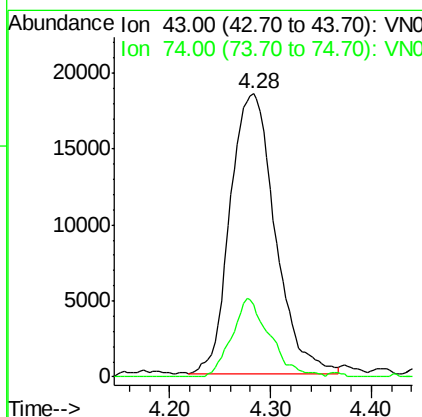
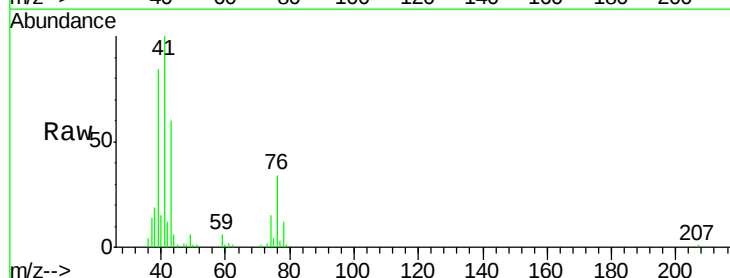
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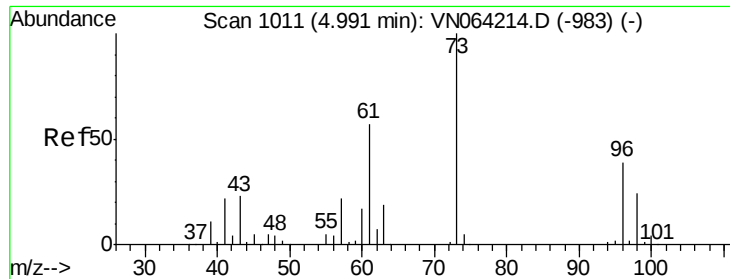
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#18
Methyl Acetate
Concen: 18.312 ug/l
RT: 4.28 min Scan# 791
Delta R.T. 0.01 min
Lab File: VN064222.D
Acq: 21 Oct 2020 15:29

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.9	17.9	26.9





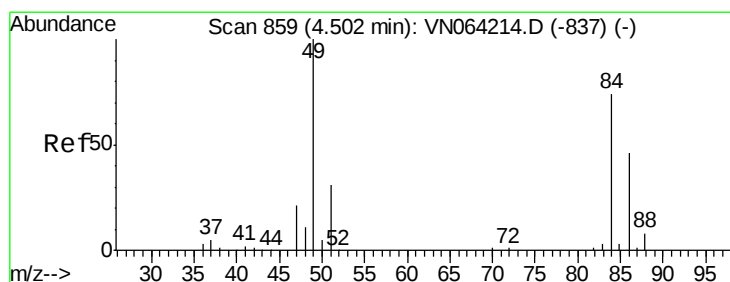
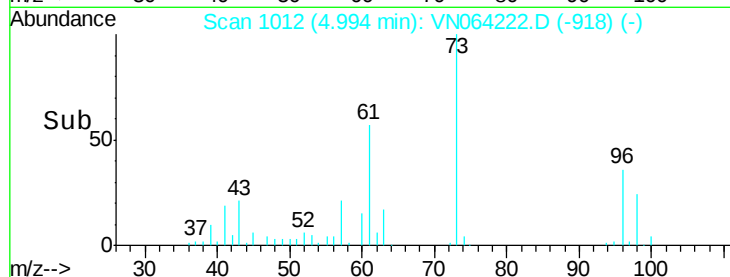
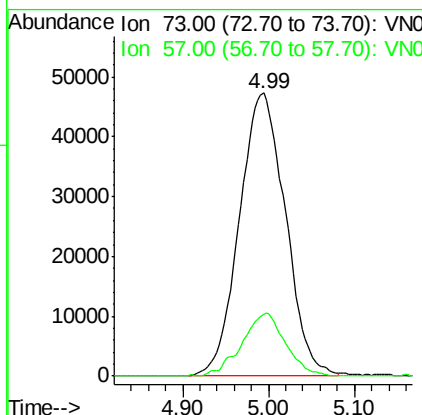
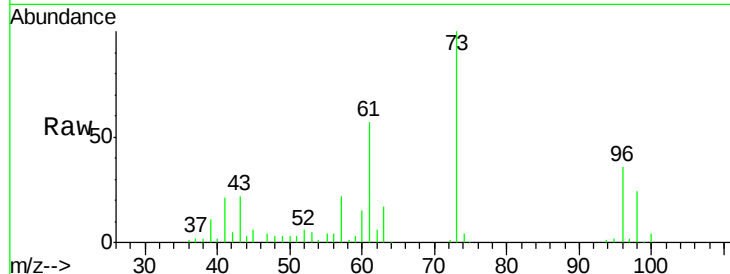
#19
Methvl tert-butvl Ether
Concen: 19.062 ug/l
RT: 4.99 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VN064222.D
Acq: 21 Oct 2020 15:29

Instrument :
MSVOA_N
ClientSampleId :
VN1021WBS01

Tot Ion: 73 Resp: 176368
Ion Ratio Lower Upper
73 100
57 21.7 18.0 27.0

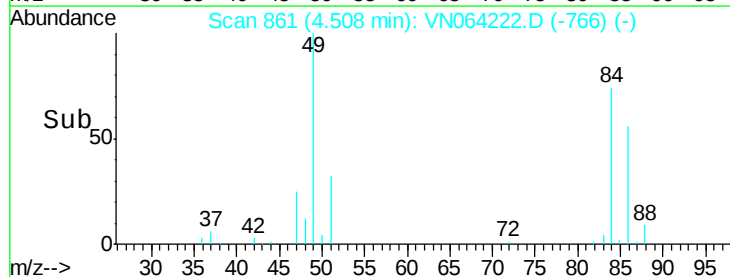
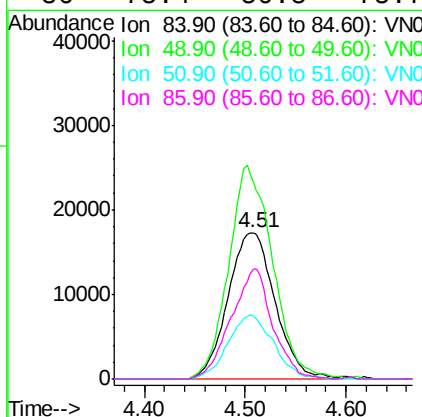
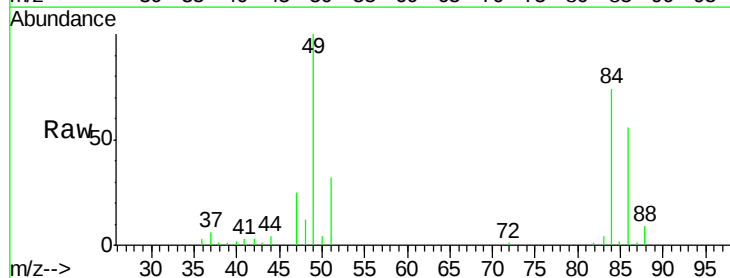
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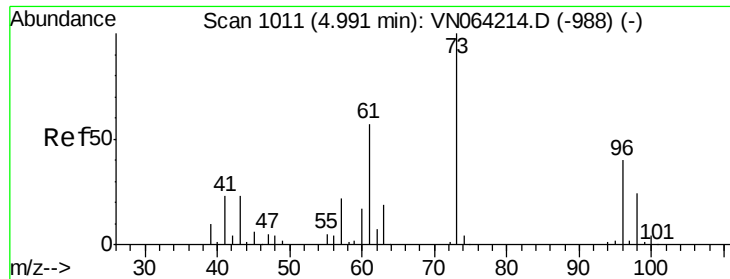
MMDadoda
10/22/2020 11:28:40 AM



#20
Methylene Chloride
Concen: 17.175 ug/l
RT: 4.51 min Scan# 861
Delta R.T. 0.01 min
Lab File: VN064222.D
Acq: 21 Oct 2020 15:29

Tgt Ion: 84 Resp: 55879
Ion Ratio Lower Upper
84 100
49 134.3 108.5 162.7
51 43.2 33.8 50.8
86 75.4 50.5 75.7





#21

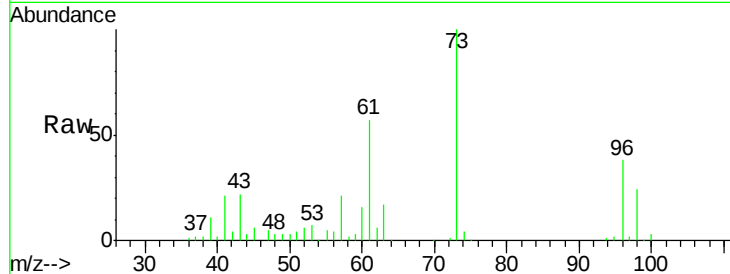
trans-1,2-Dichloroethene
Concen: 18.575 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VN064222.D
Acq: 21 Oct 2020 15:29

Instrument :
MSVOA_N
ClientSampleId :
VN1021WBS01

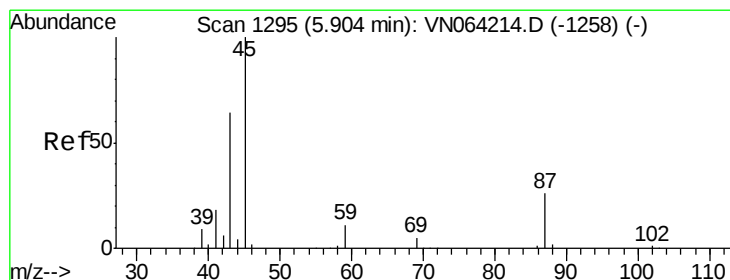
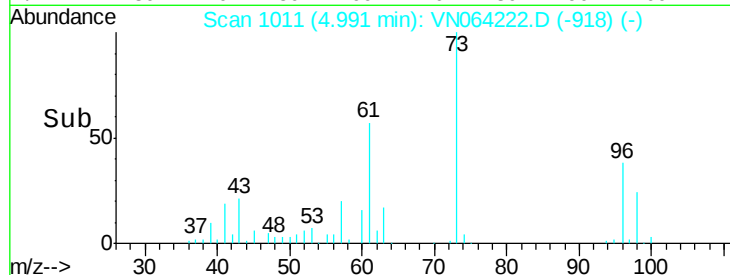
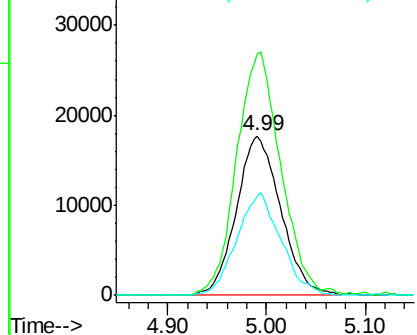
Tot Ion	Ratio	Lower	Upper
96	100		
61	151.3	115.8	173.6
98	62.2	49.4	74.0

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Abundance Ion 95.90 (95.60 to 96.60): VNC
Ion 60.90 (60.60 to 61.60): VNC
Ion 97.90 (97.60 to 98.60): VNC

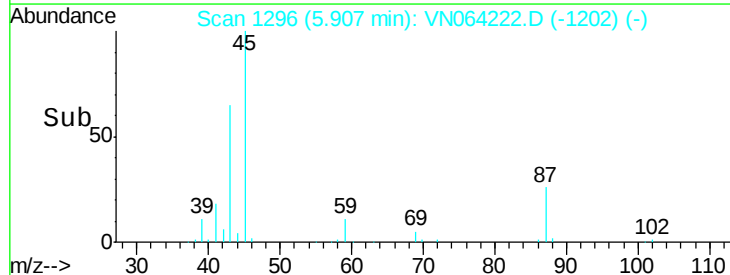
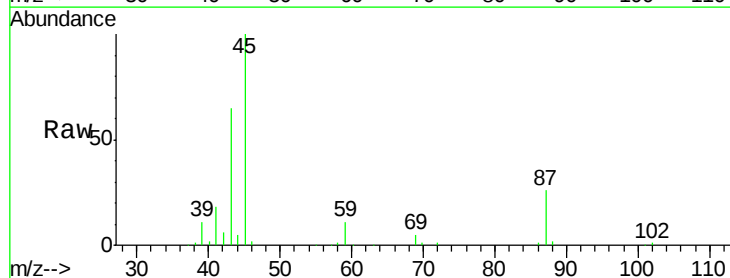
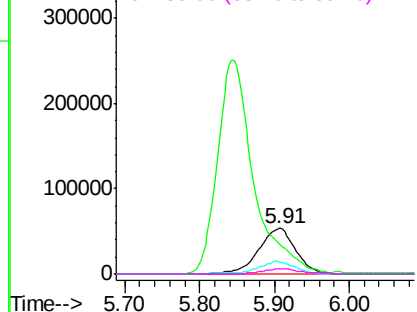


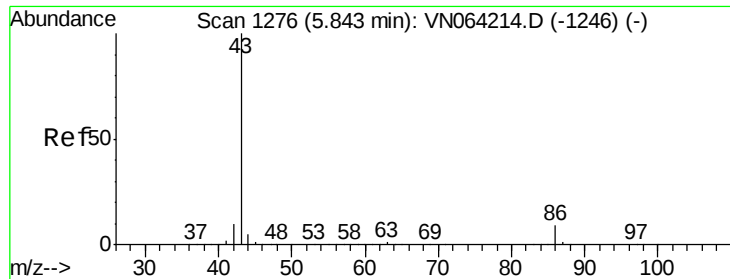
#22

Diisopropyl ether
Concen: 18.397 ug/l
RT: 5.91 min Scan# 1296
Delta R.T. 0.00 min
Lab File: VN064222.D
Acq: 21 Oct 2020 15:29

Tgt Ion	Ratio	Lower	Upper
45	100		
43	61.9	52.2	78.4
87	26.4	21.4	32.0
59	10.5	8.3	12.5

Abundance Ion 45.00 (44.70 to 45.70): VNC
Ion 43.00 (42.70 to 43.70): VNC
Ion 87.00 (86.70 to 87.70): VNC
Ion 59.00 (58.70 to 59.70): VNC





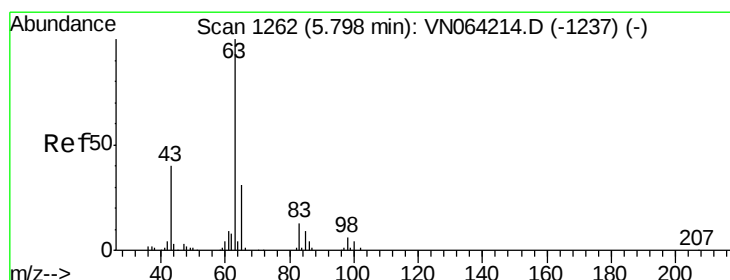
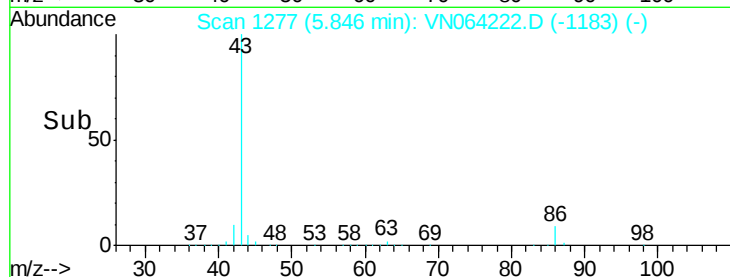
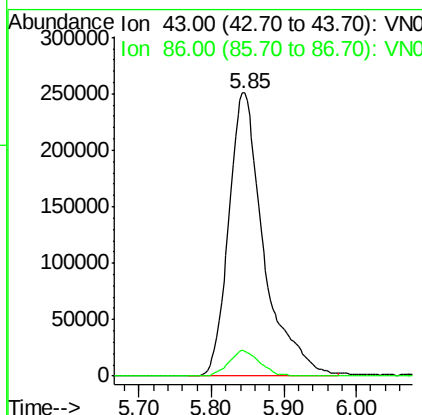
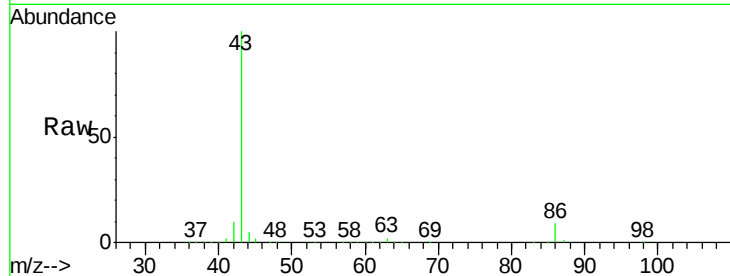
#23
 Vinyl Acetate
 Concen: 94.616 ug/l
 RT: 5.85 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VN064222.D
 Acq: 21 Oct 2020 15:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1021WBS01

Tot Ion	43	Resp	844908
Ion Ratio	100	Lower	Upper
43	100		
86	8.8	7.4	11.0

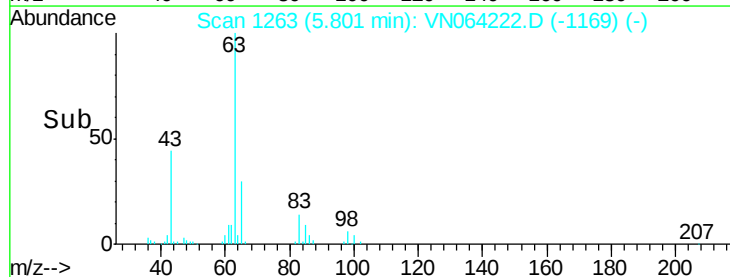
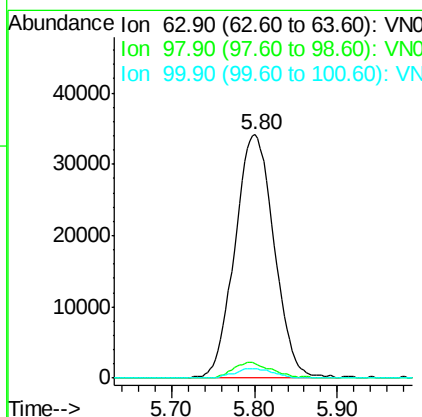
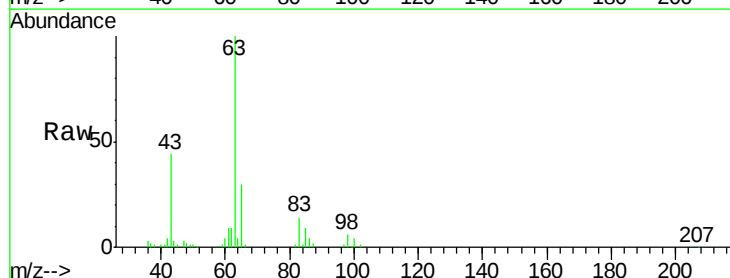
Manual Integrations
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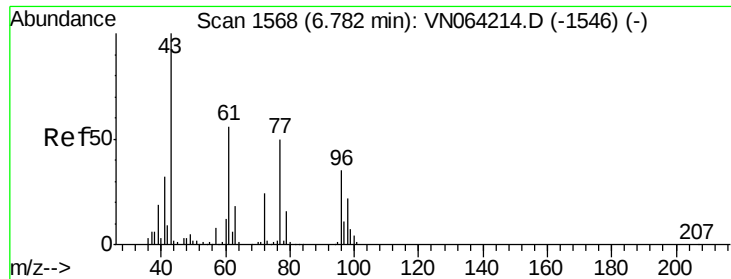
MMDadoda
 10/22/2020 11:28:40 AM



#24
 1,1-Dichloroethane
 Concen: 19.353 ug/l
 RT: 5.80 min Scan# 1263
 Delta R.T. 0.00 min
 Lab File: VN064222.D
 Acq: 21 Oct 2020 15:29

Tgt Ion	63	Resp	112262
Ion Ratio	100	Lower	Upper
63	100		
98	6.2	2.9	8.7
100	3.9	2.0	6.0





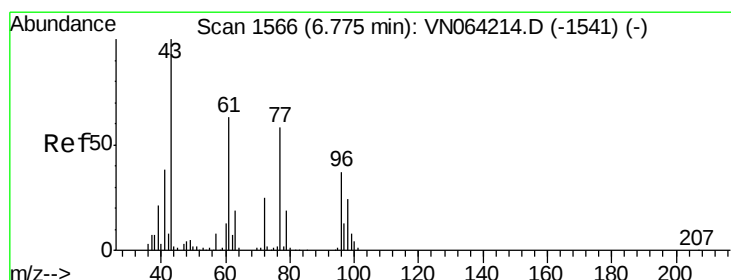
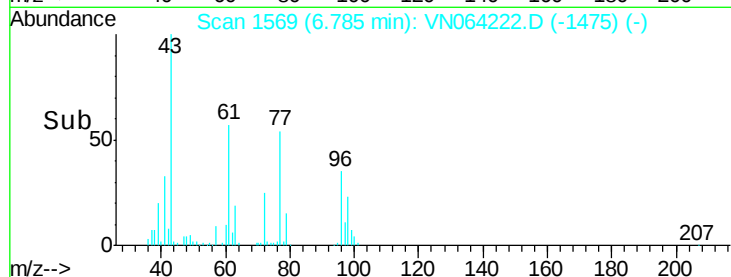
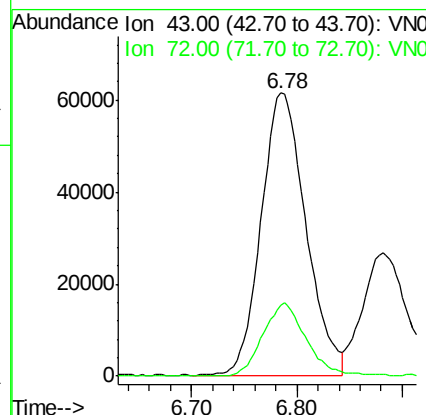
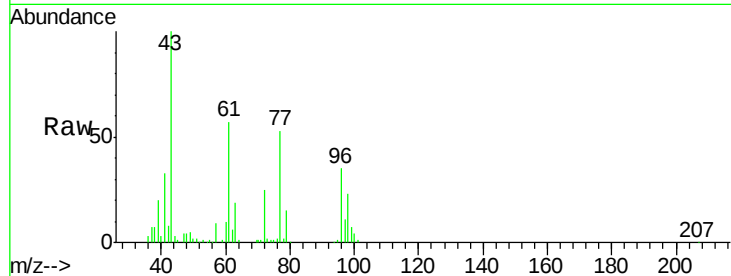
#25
2-Butanone
Concen: 94.065 ug/l
RT: 6.78 min Scan# 1569
Delta R.T. 0.00 min
Lab File: VN064222.D
Acq: 21 Oct 2020 15:29

Instrument :
MSVOA_N
ClientSampleId :
VN1021WBS01

Tot Ion: 43 Resp: 182351
Ion Ratio Lower Upper
43 100
72 25.1 19.4 29.0

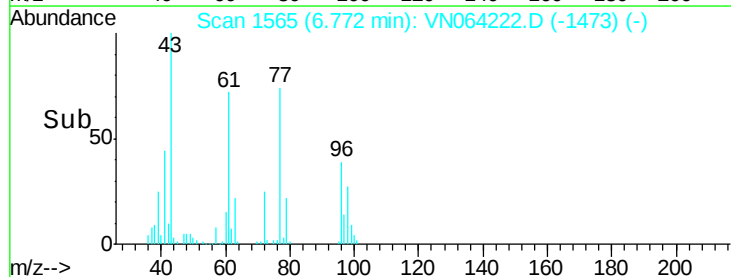
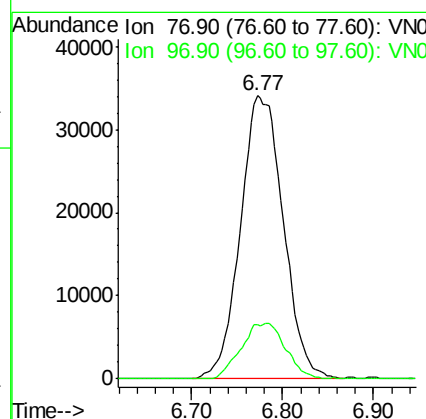
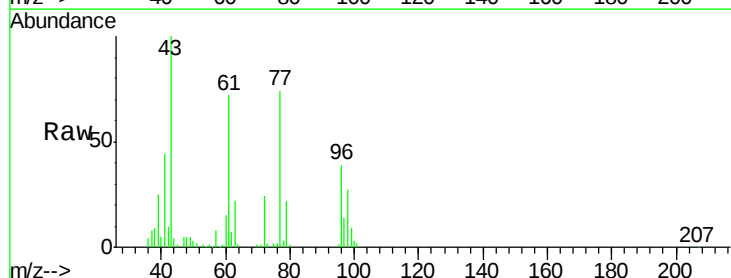
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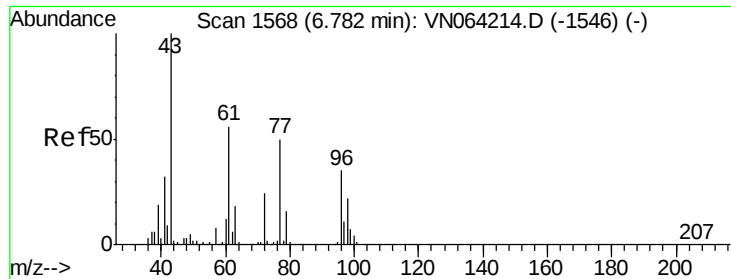
MMDadoda
10/22/2020 11:28:40 AM



#26
2,2-Dichloropropane
Concen: 19.263 ug/l
RT: 6.77 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VN064222.D
Acq: 21 Oct 2020 15:29

Tgt Ion: 77 Resp: 111242
Ion Ratio Lower Upper
77 100
97 9.4 10.4 31.4#





#27

cis-1,2-Dichloroethene

Concen: 18.040 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.00 min

Lab File: VN064222.D

Acq: 21 Oct 2020 15:29

Instrument :

MSVOA_N

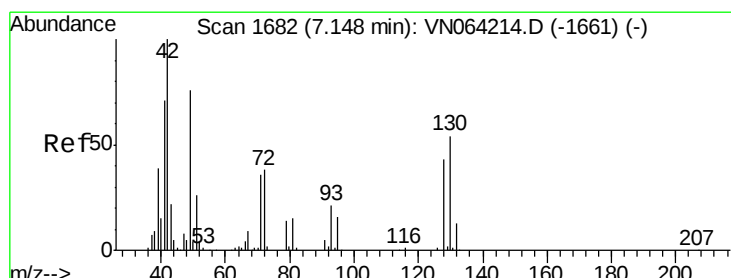
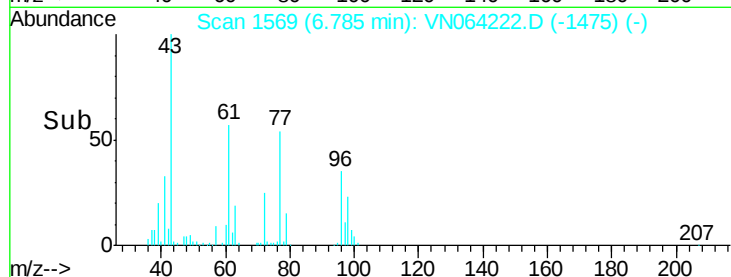
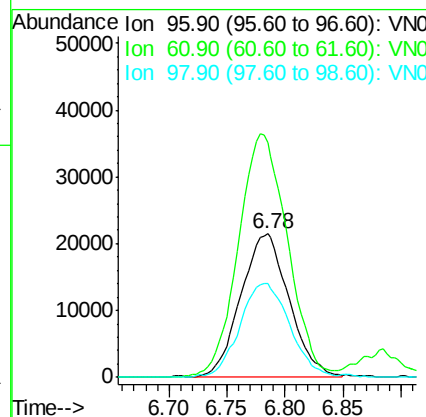
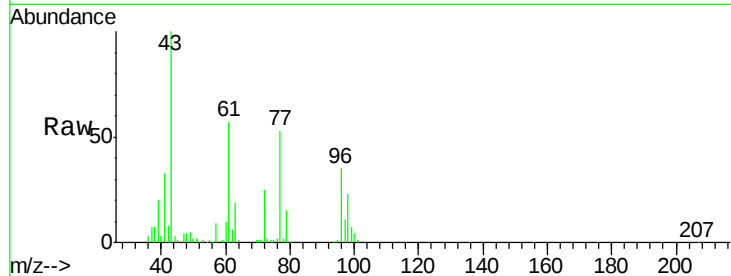
ClientSampleId :

VN1021WBS01

Tot Ion:	96	Resp:	62348
Ion	Ratio	Lower	Upper
96	100		
61	172.0	0.0	330.0
98	67.6	0.0	130.6

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#28

Bromochloromethane

Concen: 19.953 ug/l

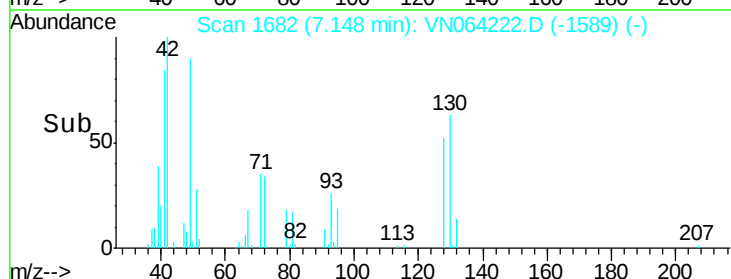
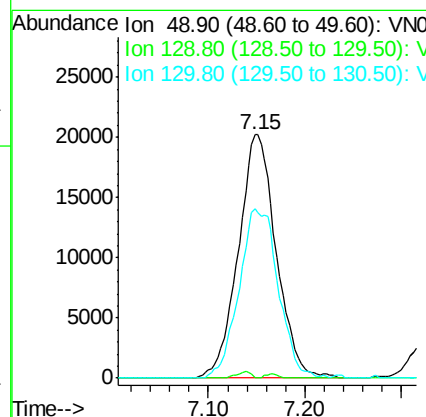
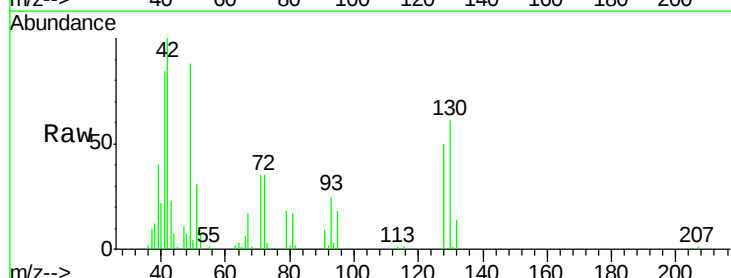
RT: 7.15 min Scan# 1682

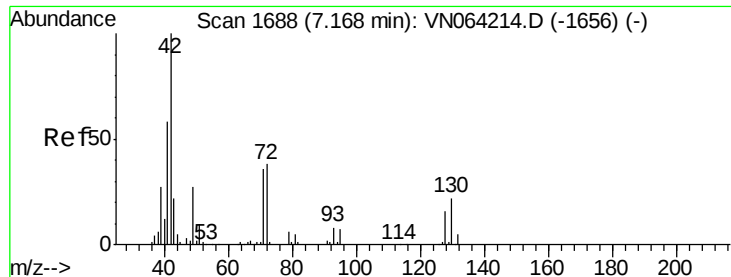
Delta R.T. -0.00 min

Lab File: VN064222.D

Acq: 21 Oct 2020 15:29

Tgt Ion:	49	Resp:	54985
Ion	Ratio	Lower	Upper
49	100		
129	1.0	0.0	2.8
130	72.0	58.8	88.2





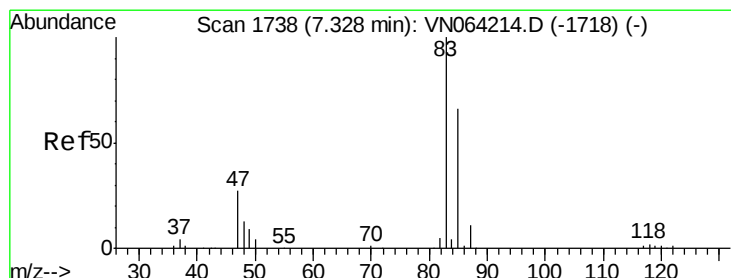
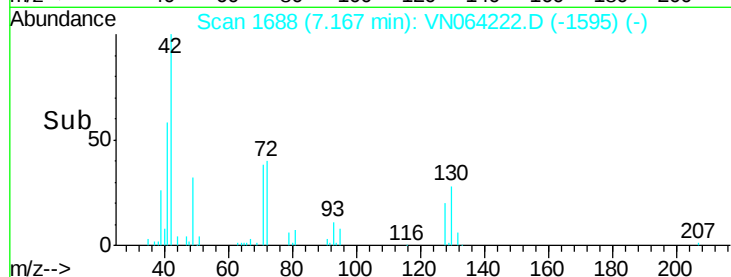
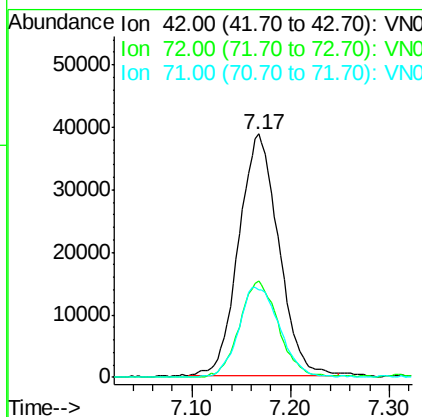
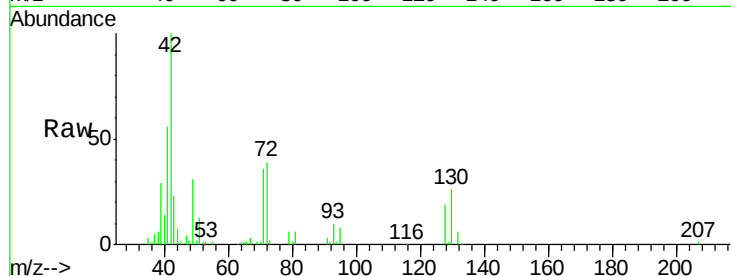
#29
Tetrahydrofuran
Concen: 92.916 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VN064222.D
Acq: 21 Oct 2020 15:29

Instrument :
MSVOA_N
ClientSampleId :
VN1021WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.0	30.8	46.2
71	38.6	29.0	43.6

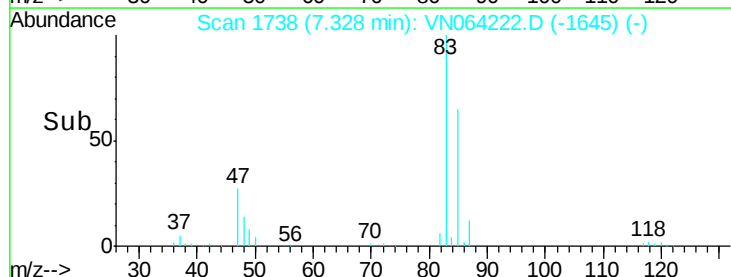
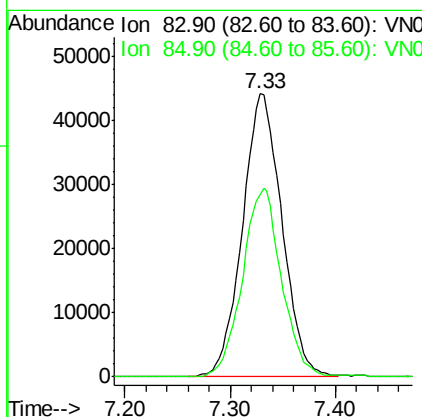
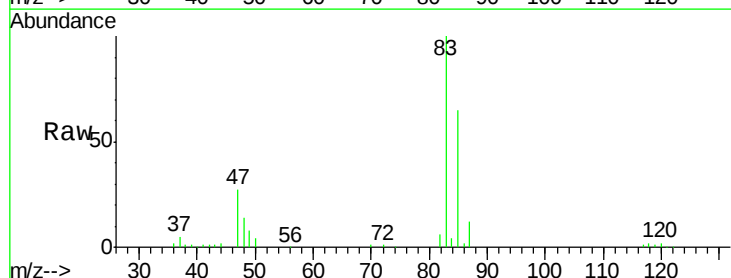
Manual Integrations
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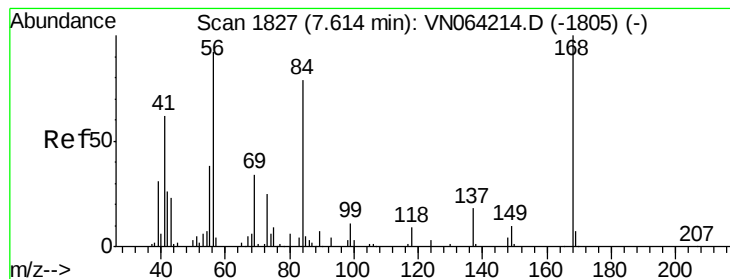
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#30
Chloroform
Concen: 18.624 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VN064222.D
Acq: 21 Oct 2020 15:29

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.5	52.5	78.7





#31

Cyclohexane

Concen: 18.484 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VN064222.D

Acq: 21 Oct 2020 15:29

Instrument :

MSVOA_N

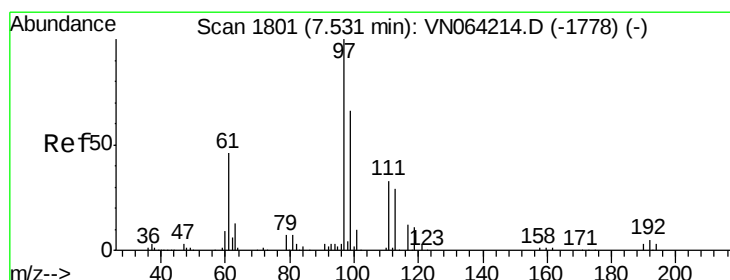
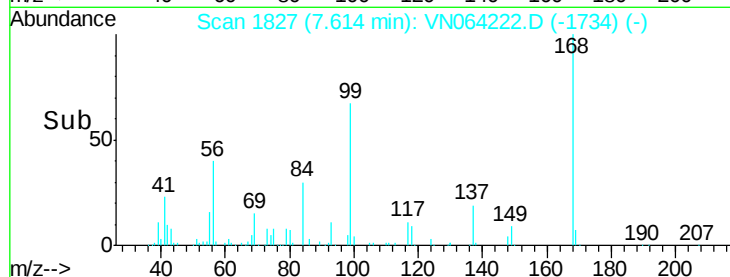
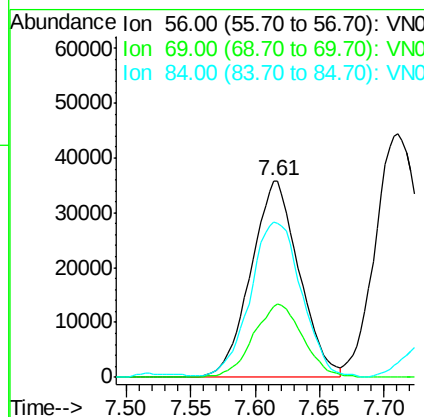
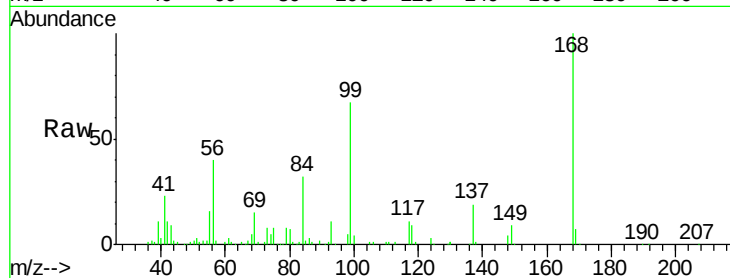
ClientSampleId :

VN1021WBS01

Tot Ion:	56	Resp:	93443
Ion	Ratio	Lower	Upper
56	100		
69	36.2	29.8	44.6
84	78.3	68.1	102.1

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#32

1,1,1-Trichloroethane

Concen: 19.109 ug/l

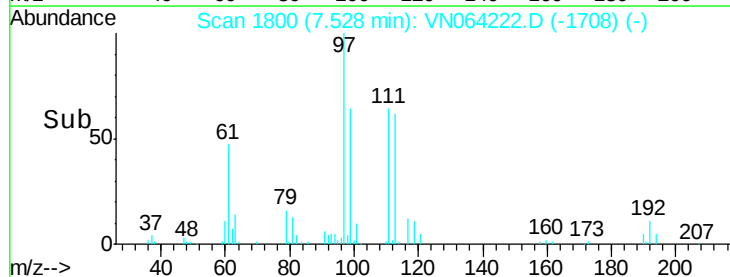
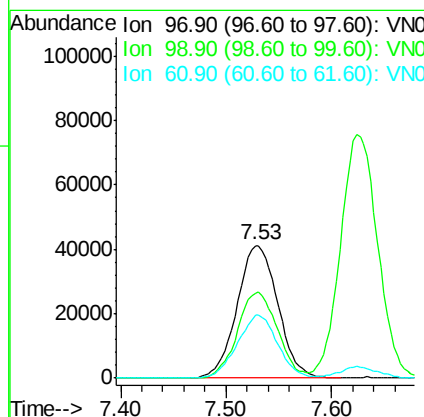
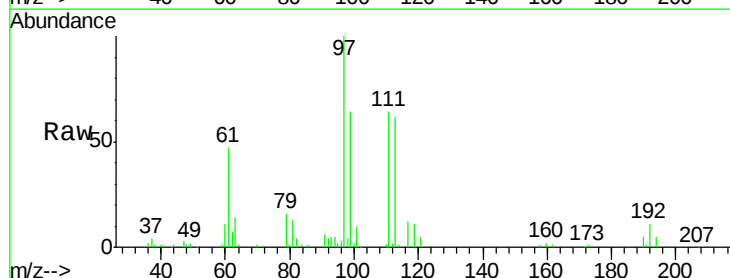
RT: 7.53 min Scan# 1800

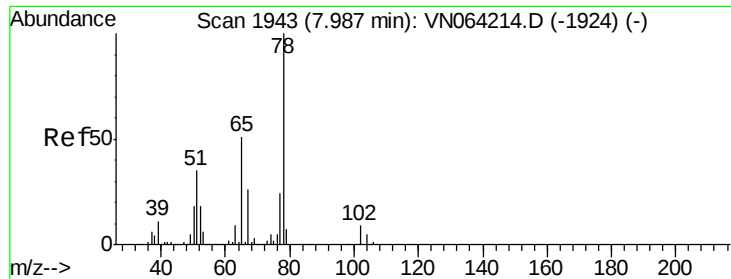
Delta R.T. -0.00 min

Lab File: VN064222.D

Acq: 21 Oct 2020 15:29

Tgt Ion:	97	Resp:	110762
Ion	Ratio	Lower	Upper
97	100		
99	63.5	51.2	76.8
61	46.9	36.3	54.5





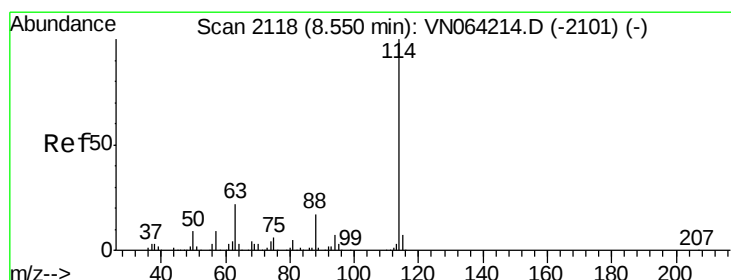
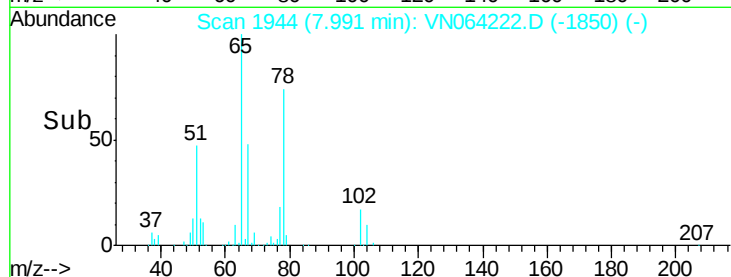
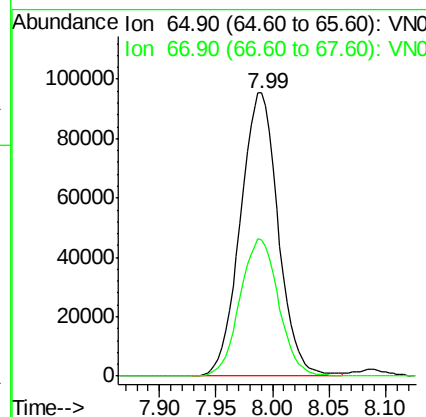
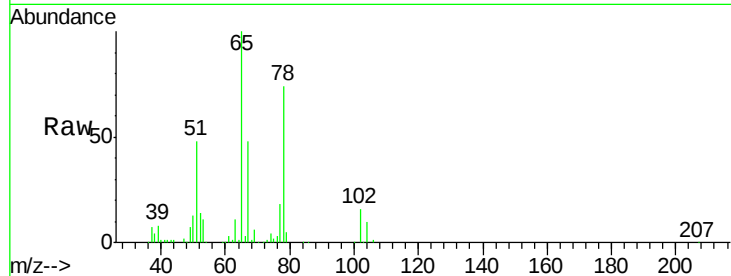
#33
 1,2-Dichloroethane-d4
 Concen: 52.159 ug/l
 RT: 7.99 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: VN064222.D
 Acq: 21 Oct 2020 15:29

Instrument :
 MSVOA_N
 ClientSampled :
 VN1021WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	222428		
67	49.4	0.0	100.2	

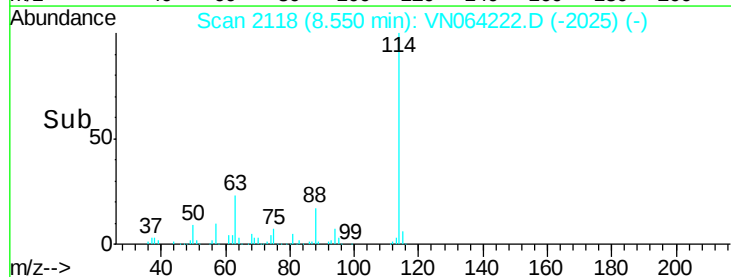
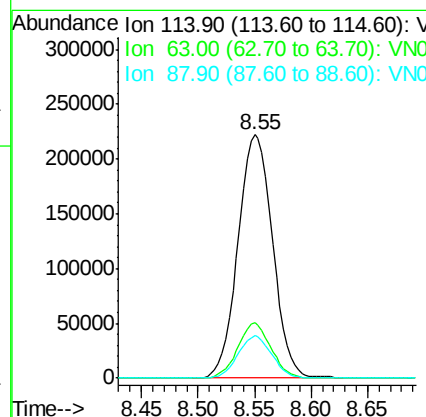
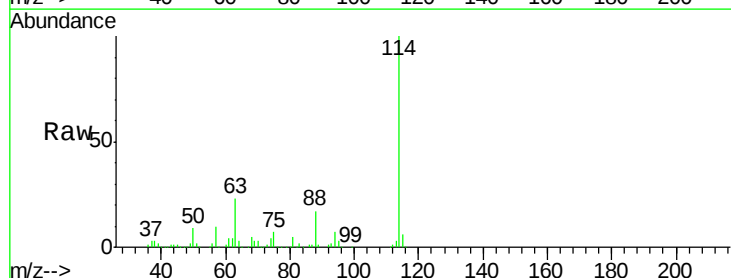
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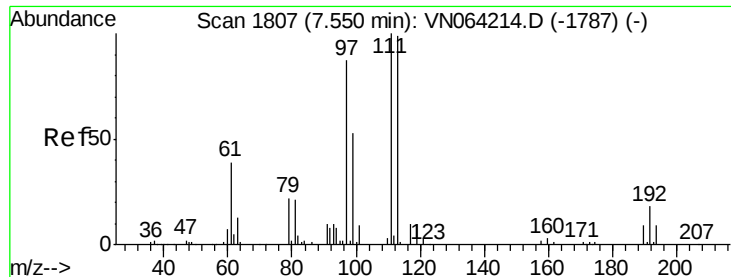
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN064222.D
 Acq: 21 Oct 2020 15:29

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	473780		
63	22.9	0.0	44.0	
88	17.4	0.0	34.2	





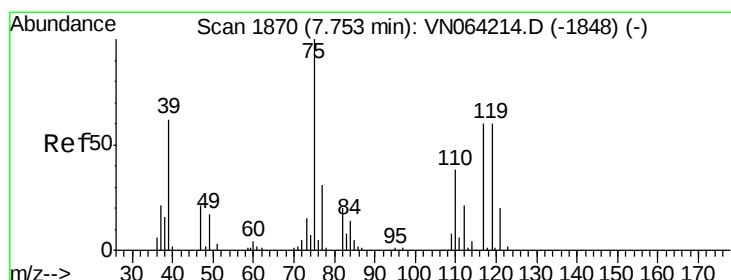
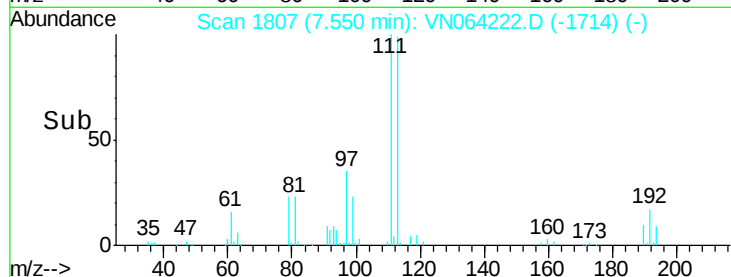
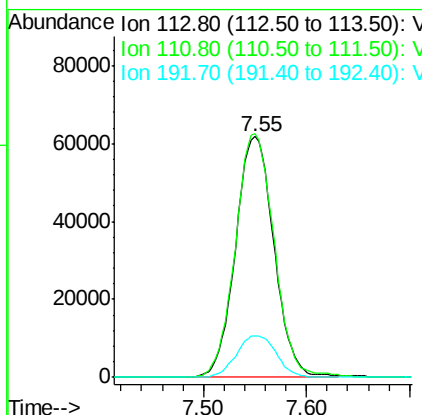
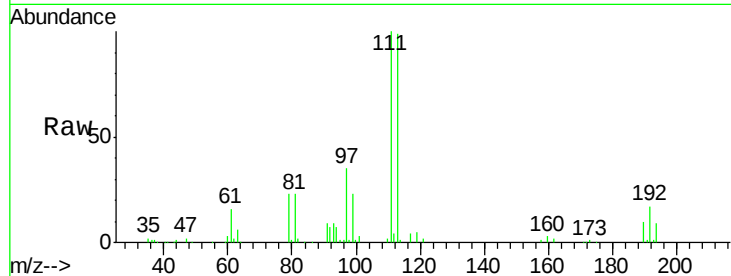
#35
Dibromofluoromethane
Concen: 50.854 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. -0.00 min
Lab File: VN064222.D
Acq: 21 Oct 2020 15:29

Instrument :
MSVOA_N
ClientSampleId :
VN1021WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	160186		
111	102.5	84.2	126.2	
192	17.9	15.2	22.8	

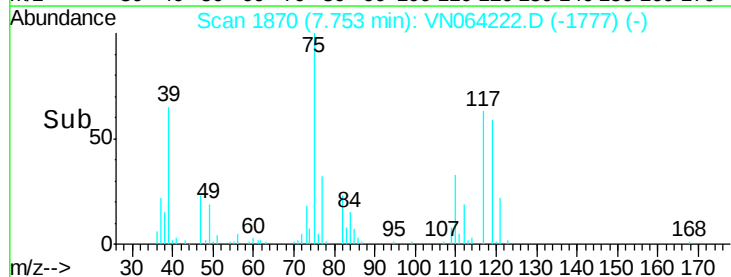
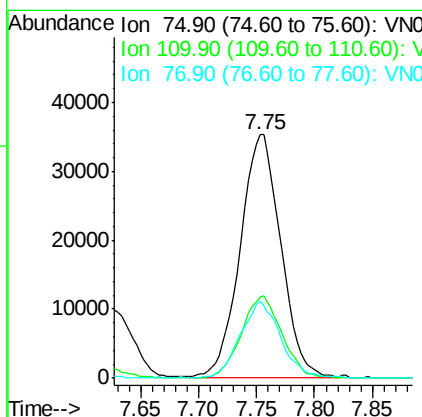
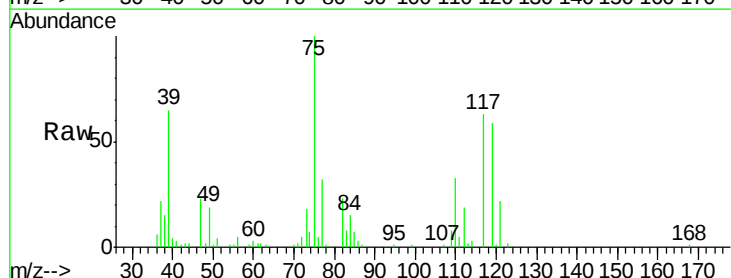
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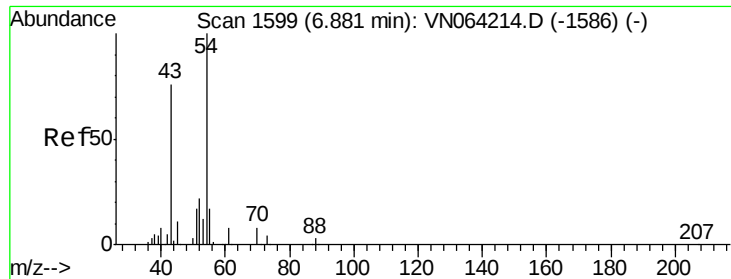
MMDadoda
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#36
1,1-Dichloropropene
Concen: 18.307 ug/l
RT: 7.75 min Scan# 1870
Delta R.T. -0.00 min
Lab File: VN064222.D
Acq: 21 Oct 2020 15:29

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	86470		
110	33.5	17.2	51.6	
77	31.2	24.9	37.3	





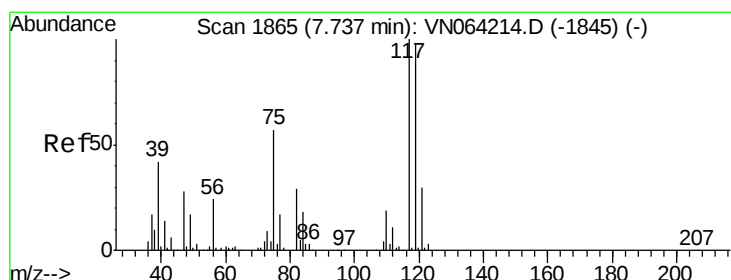
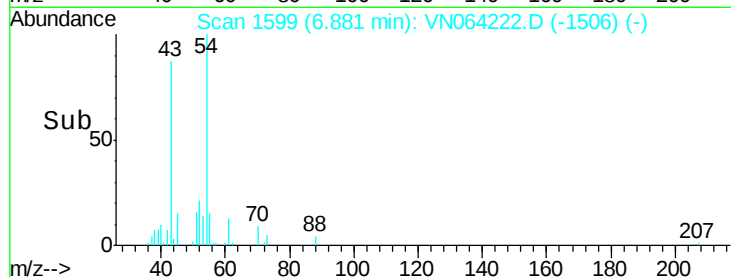
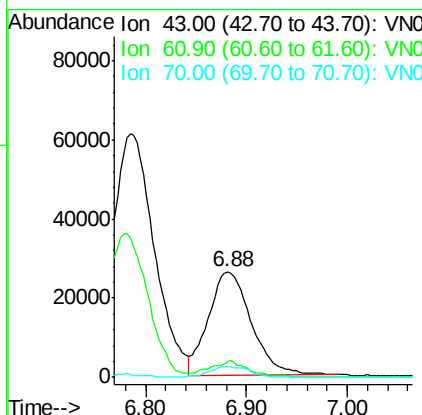
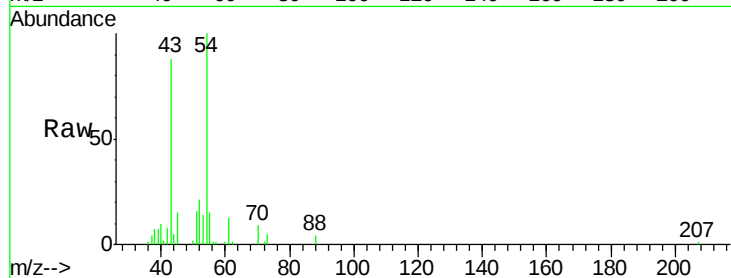
#37
Ethyl Acetate
Concen: 18.309 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VN064222.D
Acq: 21 Oct 2020 15:29

Instrument :
MSVOA_N
ClientSampleId :
VN1021WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.2	10.0	15.0
70	9.6	7.5	11.3

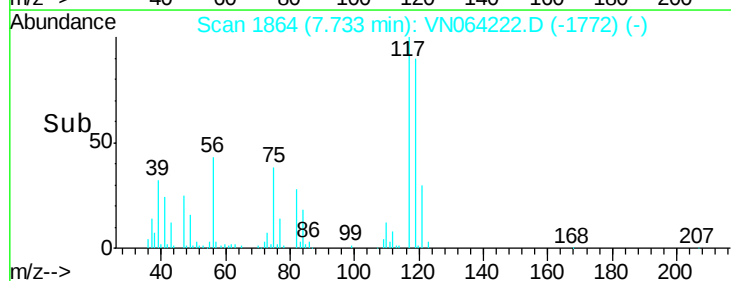
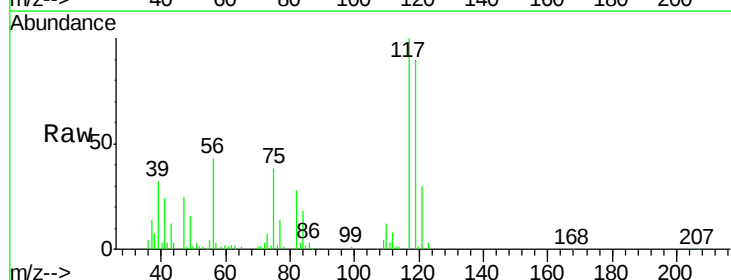
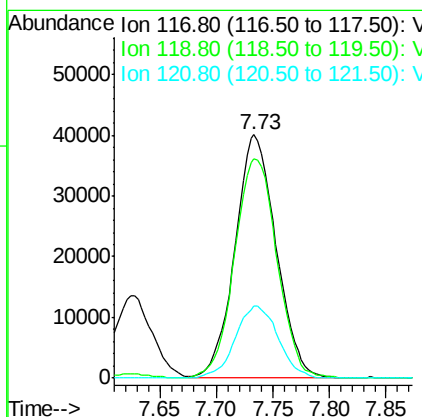
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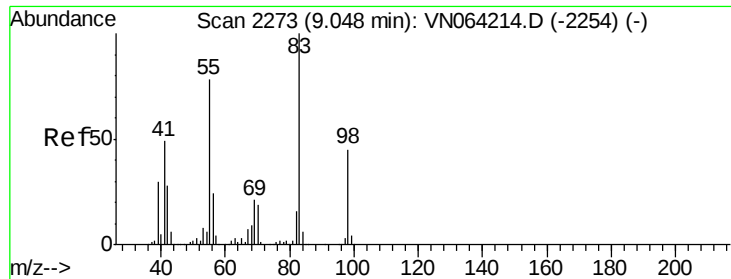
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#38
Carbon Tetrachloride
Concen: 18.884 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN064222.D
Acq: 21 Oct 2020 15:29

Tgt Ion	Ratio	Lower	Upper
117	100		
119	89.9	78.5	117.7
121	29.5	24.3	36.5





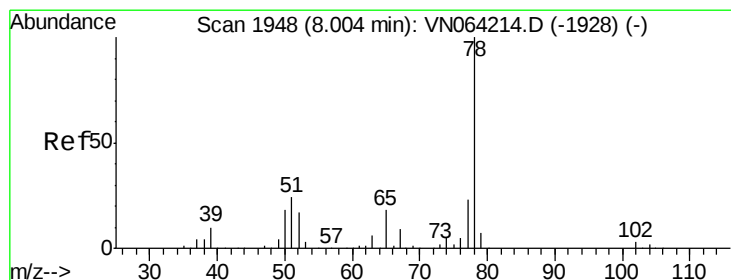
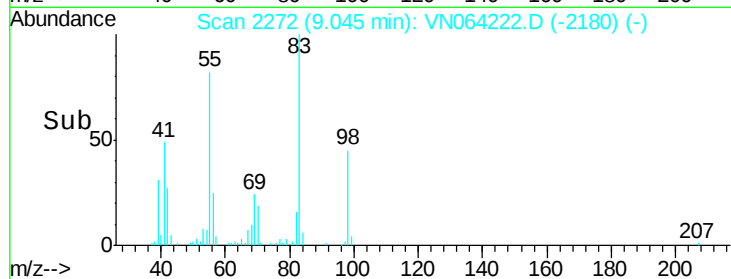
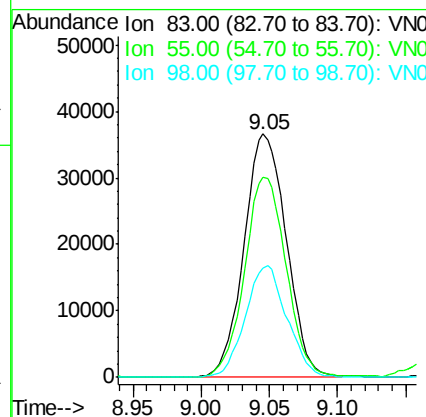
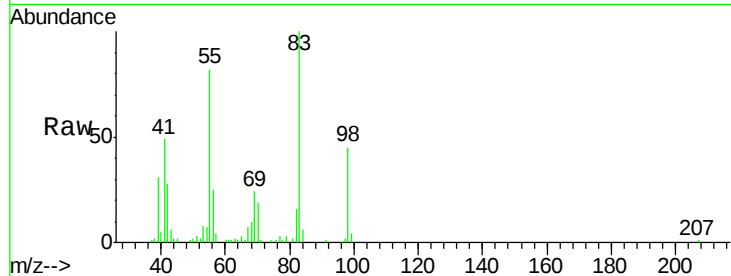
#39
Methvlcvclohexane
Concen: 18.379 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN064222.D
Acq: 21 Oct 2020 15:29

Instrument :
MSVOA_N
ClientSampleId :
VN1021WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	82.0	62.2	93.2
98	44.9	35.9	53.9

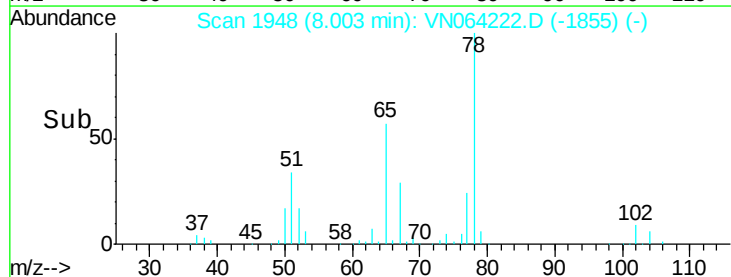
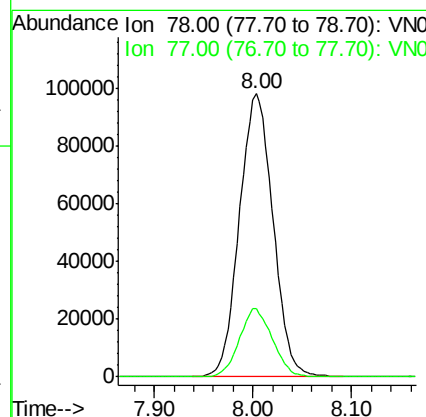
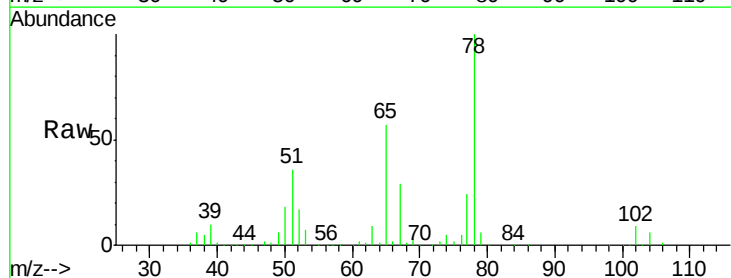
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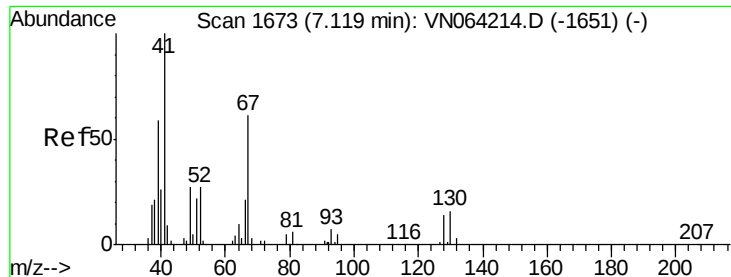
MMDadoda
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#40
Benzene
Concen: 17.747 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. -0.00 min
Lab File: VN064222.D
Acq: 21 Oct 2020 15:29

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	18.3	27.5





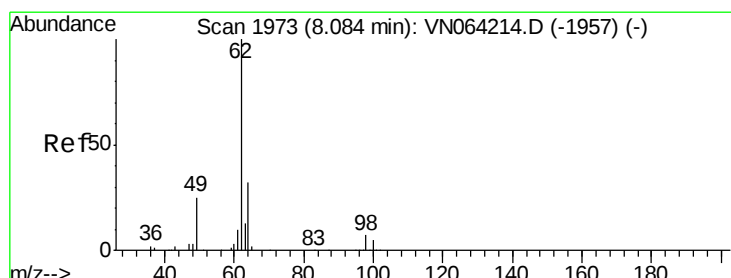
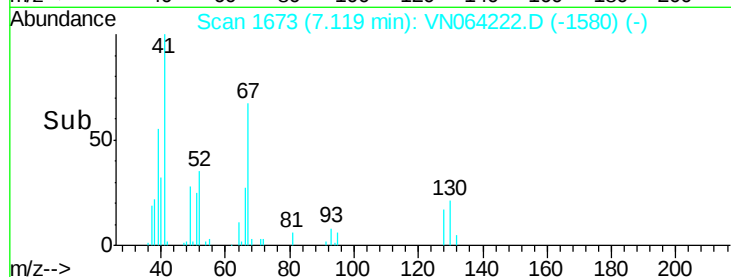
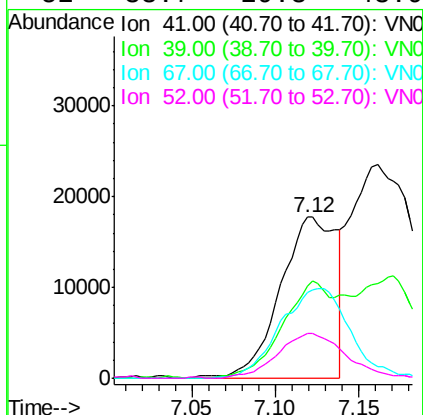
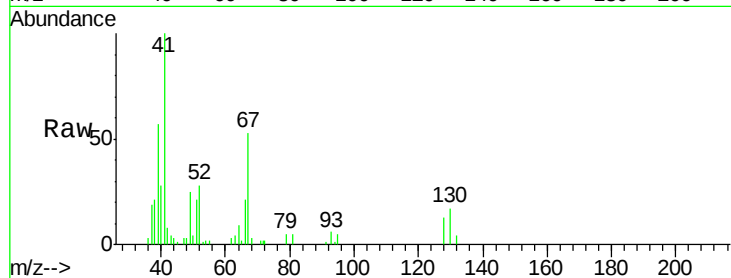
#41
Methacrylonitrile
Concen: 18.571 ug/l m
RT: 7.12 min Scan# 1673
Delta R.T. -0.00 min
Lab File: VN064222.D
Acq: 21 Oct 2020 15:29

Instrument :
MSVOA_N
ClientSampleId :
VN1021WBS01

Tot Ion	41	Resp	41777
Ion	Ratio	Lower	Upper
41	100		
39	52.4	50.5	75.7
67	68.8	63.2	94.8
52	33.7	29.3	43.9

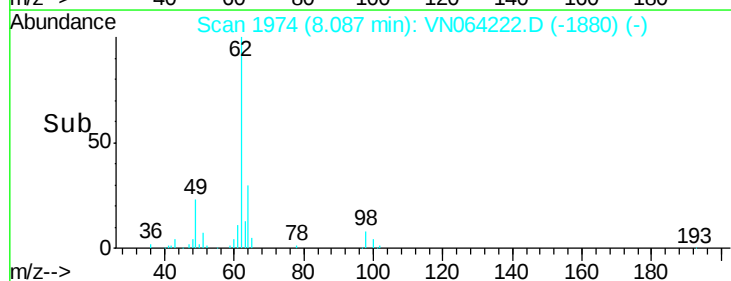
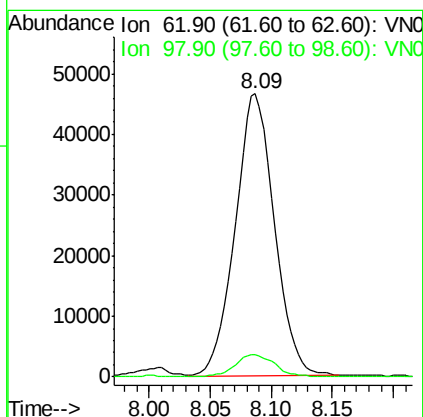
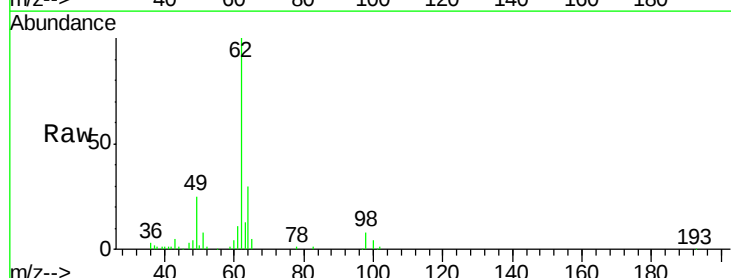
Manual Integrations
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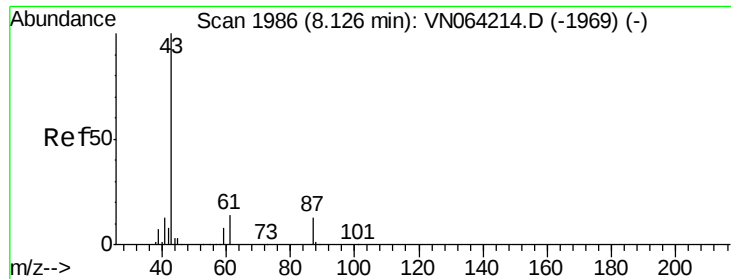
MMDadoda
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#42
1,2-Dichloroethane
Concen: 18.496 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN064222.D
Acq: 21 Oct 2020 15:29

Tgt Ion	62	Resp	103307
Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	15.0





#43

Isopropyl Acetate

Concen: 18.362 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN064222.D

Acq: 21 Oct 2020 15:29

Instrument :

MSVOA_N

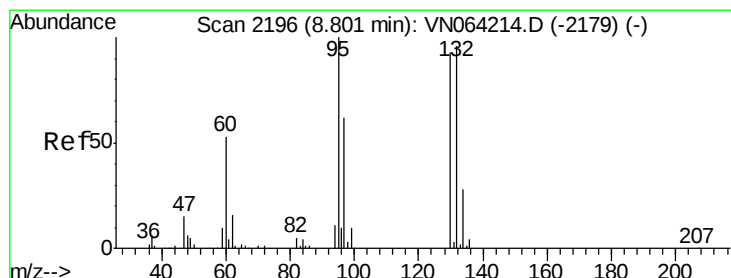
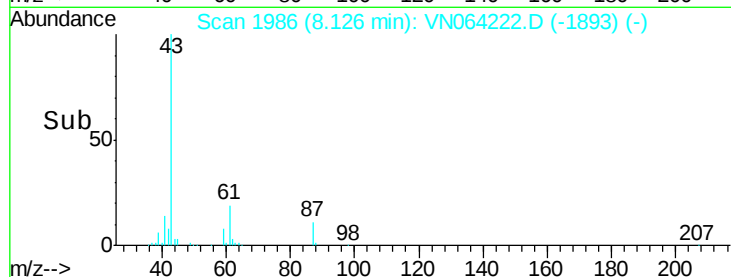
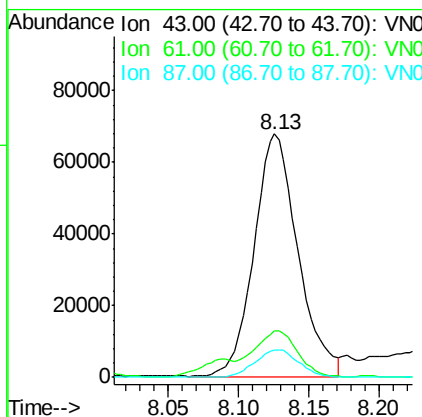
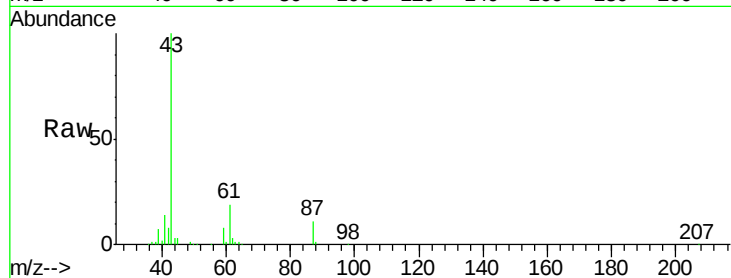
ClientSampleId :

VN1021WBS01

Tot Ion:	43	Resp:	146756
Ion	Ratio	Lower	Upper
43	100		
61	18.9	19.6	29.4#
87	11.2	9.8	14.6

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#44

Trichloroethene

Concen: 18.503 ug/l

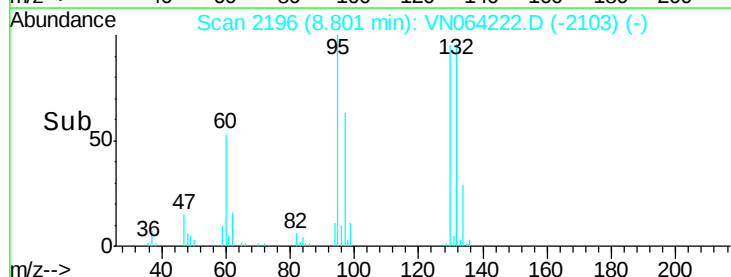
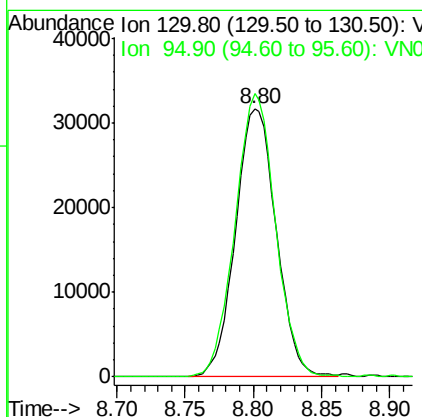
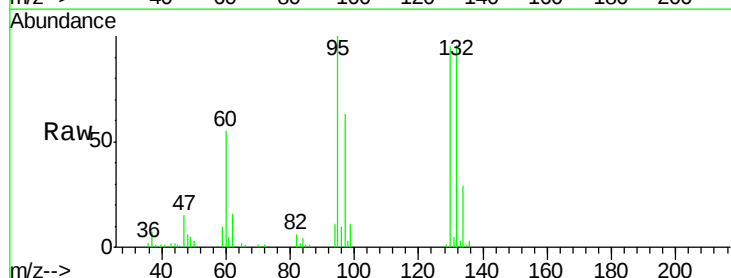
RT: 8.80 min Scan# 2196

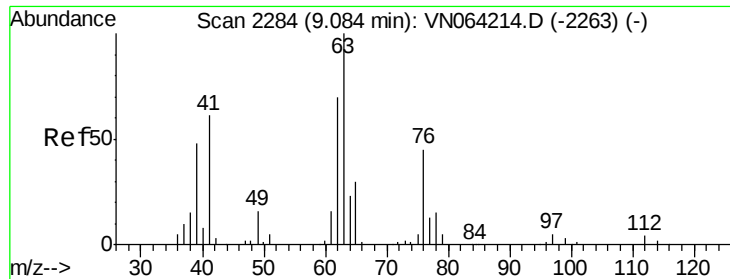
Delta R.T. -0.00 min

Lab File: VN064222.D

Acq: 21 Oct 2020 15:29

Tgt Ion:	130	Resp:	65742
Ion	Ratio	Lower	Upper
130	100		
95	105.5	0.0	214.0





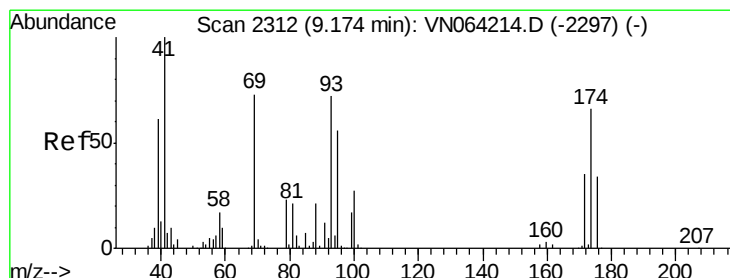
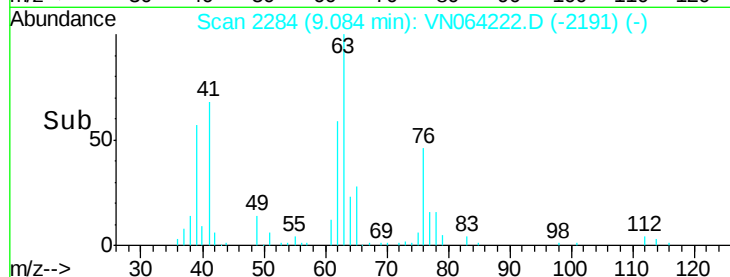
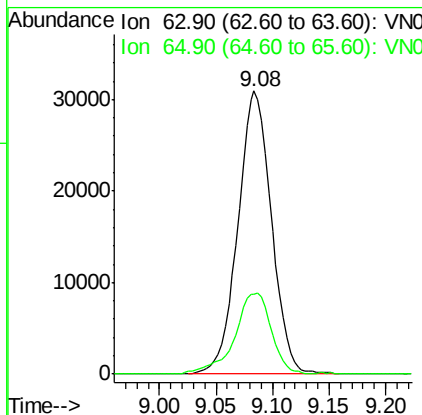
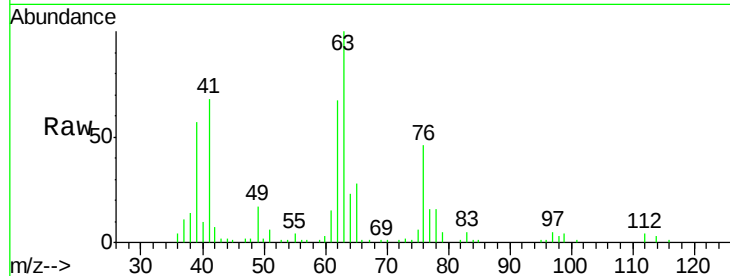
#45
 1,2-Dichloropropane
 Concen: 18.350 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN064222.D
 Acq: 21 Oct 2020 15:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1021WBS01

Tot Ion: 63 Resp: 63871
 Ion Ratio Lower Upper
 63 100
 65 28.4 24.0 36.0

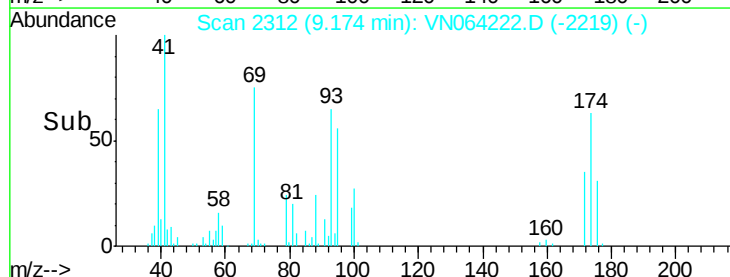
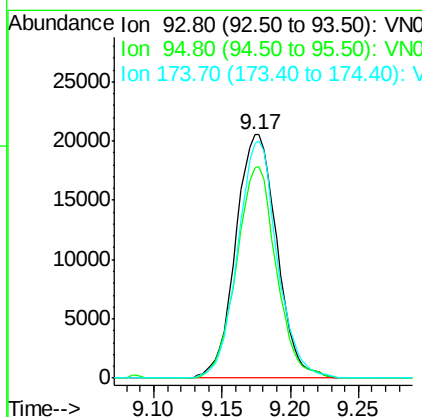
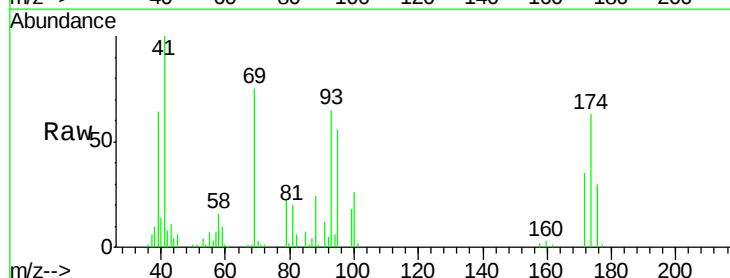
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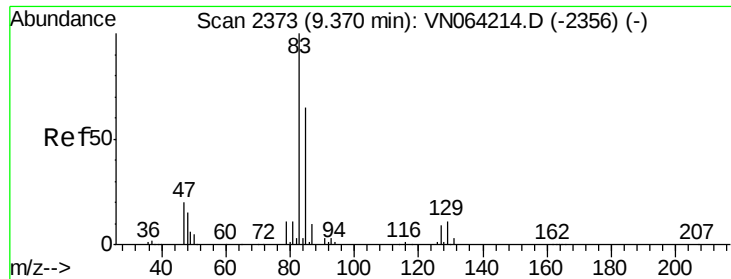
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 10/22/2020 11:28:40 AM



#46
 Dibromomethane
 Concen: 18.443 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN064222.D
 Acq: 21 Oct 2020 15:29

Tgt Ion: 93 Resp: 43105
 Ion Ratio Lower Upper
 93 100
 95 83.6 63.0 94.4
 174 93.2 72.9 109.3





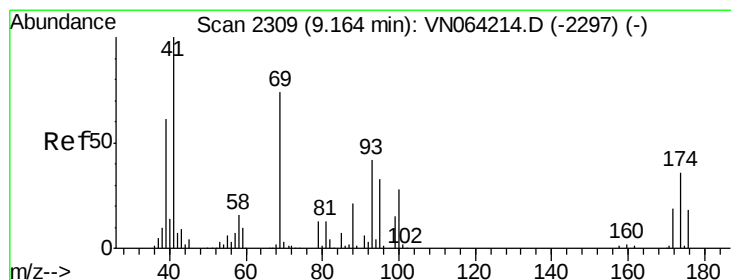
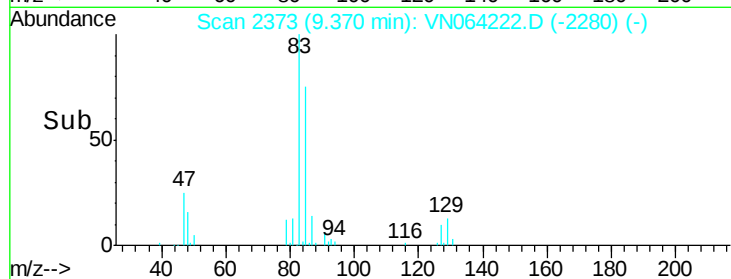
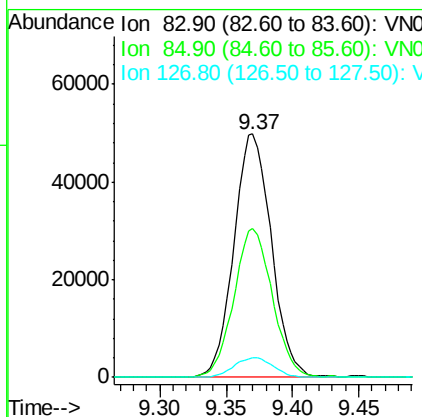
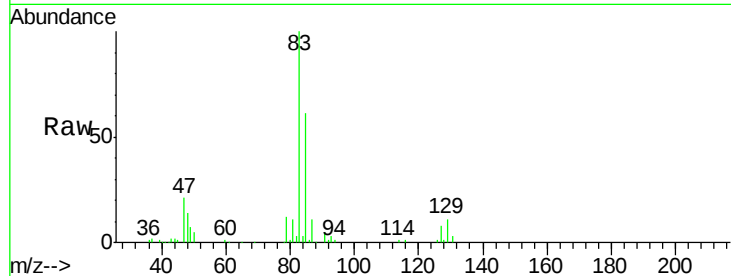
#47
Bromodichloromethane
Concen: 18.983 ug/l
RT: 9.37 min Scan# 2373
Delta R.T. -0.00 min
Lab File: VN064222.D
Acq: 21 Oct 2020 15:29

Instrument :
MSVOA_N
ClientSampleId :
VN1021WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
85	61.2	51.8	77.8
127	7.9	7.4	11.0

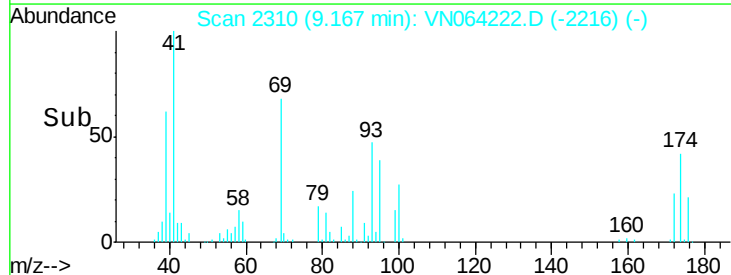
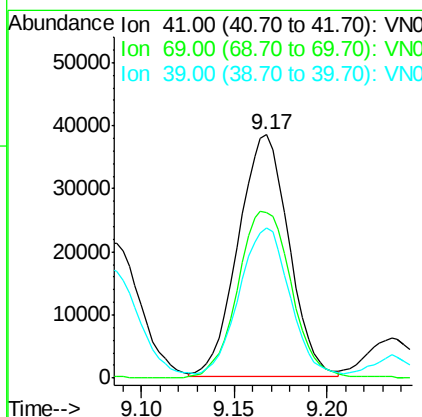
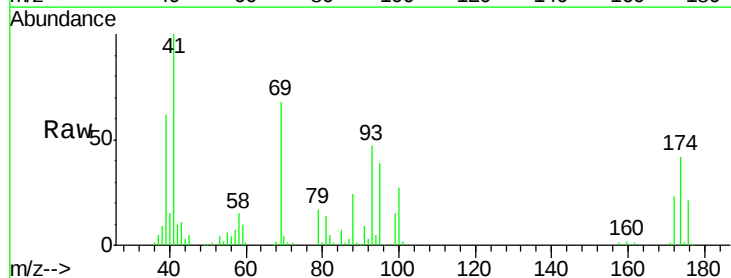
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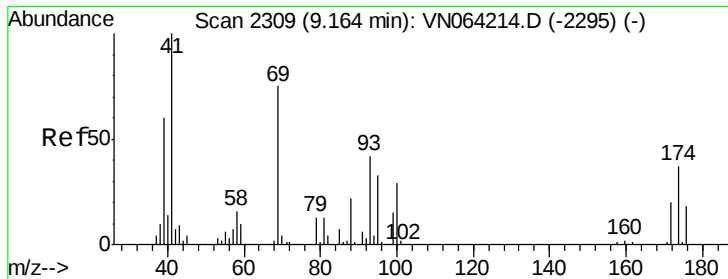
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#48
Methyl methacrylate
Concen: 17.459 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN064222.D
Acq: 21 Oct 2020 15:29

Tgt Ion	Ratio	Lower	Upper
41	100		
69	73.1	57.3	85.9
39	62.1	48.6	73.0





#49

1,4-Dioxane

Concen: 374.124 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN064222.D

Acq: 21 Oct 2020 15:29

Instrument :

MSVOA_N

ClientSampleId :

VN1021WBS01

Tot Ion: 88 Resp: 18276

Ion Ratio Lower Upper

88 100

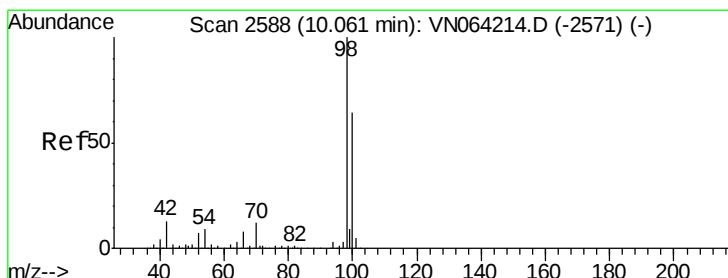
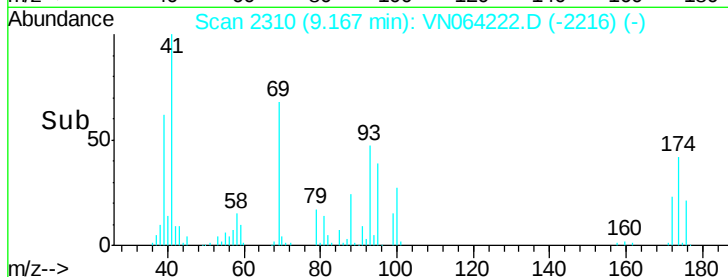
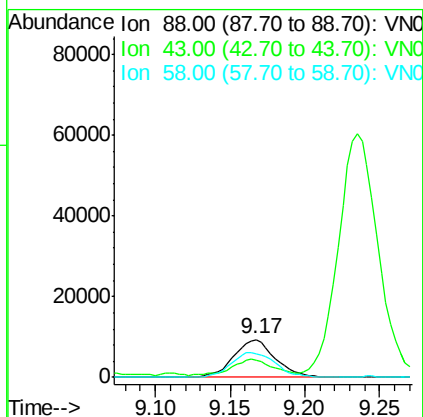
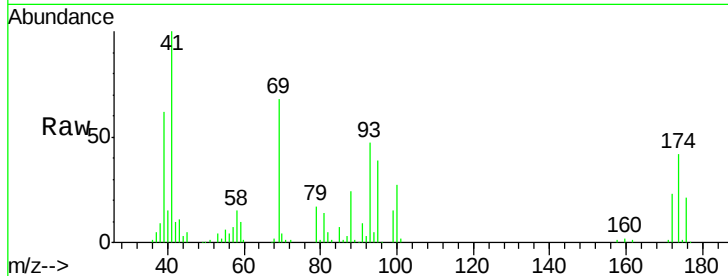
43 38.9 34.6 52.0

58 69.1 59.0 88.6

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#50

Toluene-d8

Concen: 49.976 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN064222.D

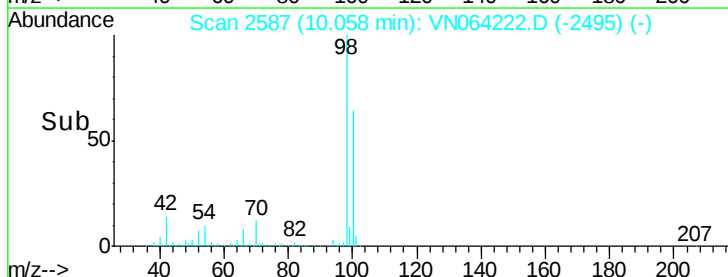
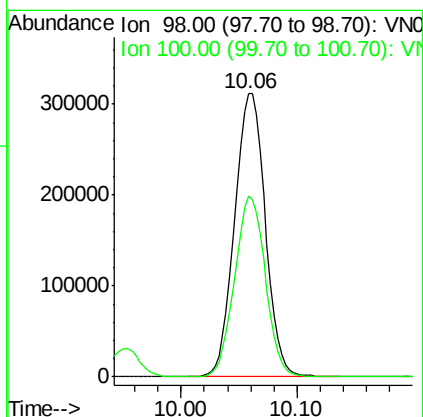
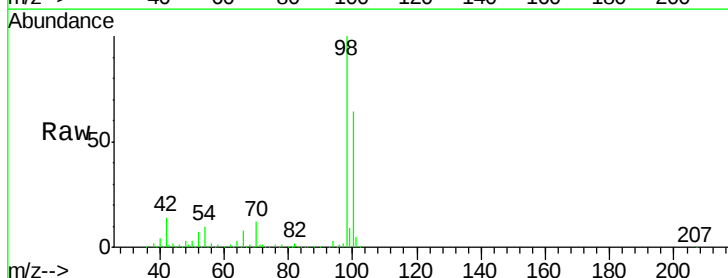
Acq: 21 Oct 2020 15:29

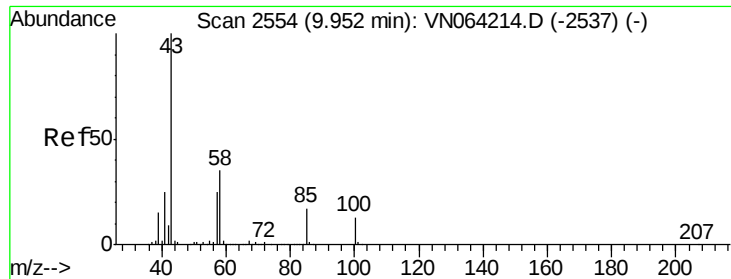
Tgt Ion: 98 Resp: 571042

Ion Ratio Lower Upper

98 100

100 63.7 50.8 76.2





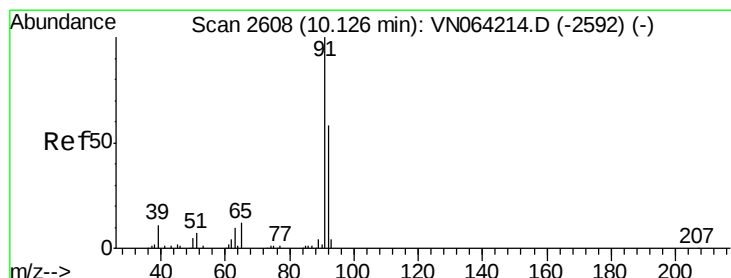
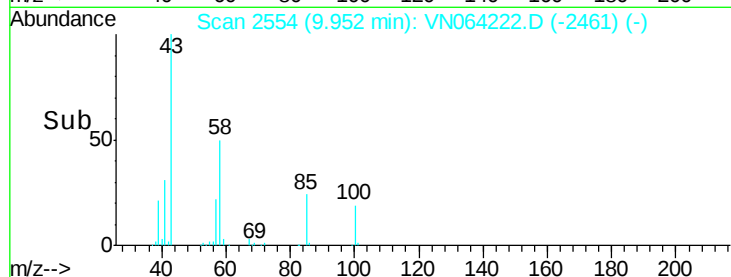
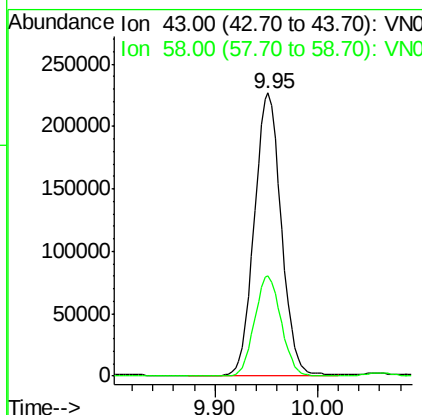
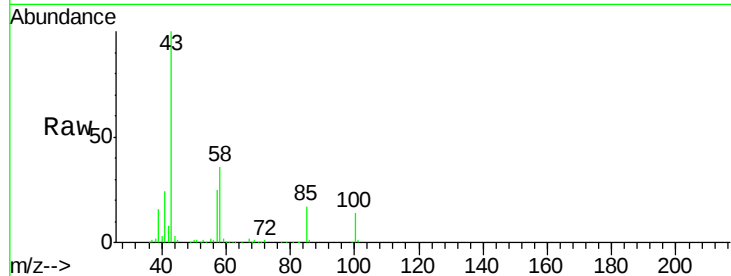
#51
4-Methyl-2-Pentanone
Concen: 95.402 ug/l
RT: 9.95 min Scan# 2554
Delta R.T. -0.00 min
Lab File: VN064222.D
Acq: 21 Oct 2020 15:29

Instrument :
MSVOA_N
ClientSampled :
VN1021WBS01

Tot Ion	43	Resp	407510
Ion Ratio	100	Lower	Upper
58	35.3	28.6	42.8

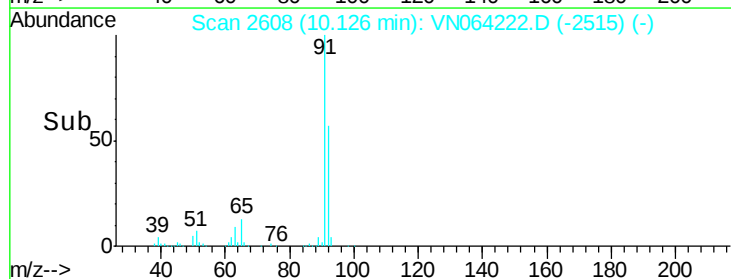
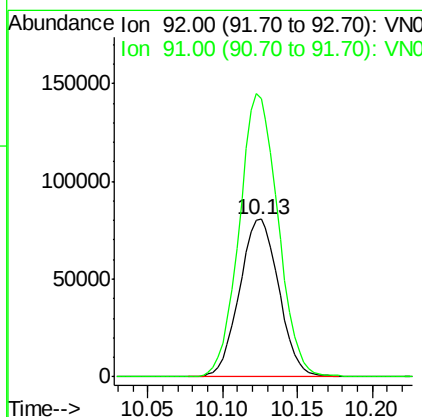
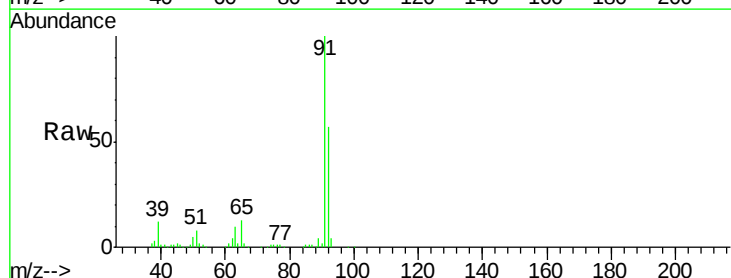
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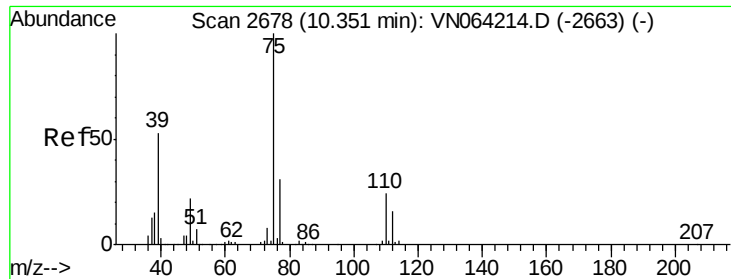
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#52
Toluene
Concen: 17.749 ug/l
RT: 10.13 min Scan# 2608
Delta R.T. -0.00 min
Lab File: VN064222.D
Acq: 21 Oct 2020 15:29

Tgt Ion	92	Resp	148078
Ion Ratio	100	Lower	Upper
91	176.4	137.4	206.2





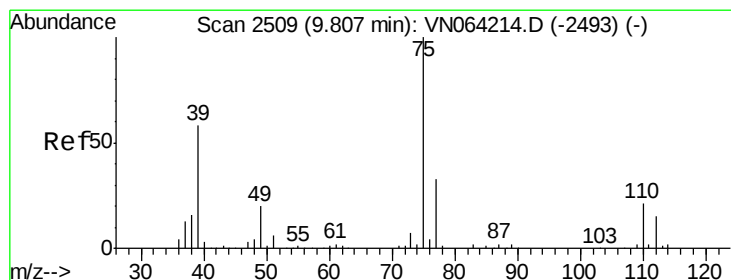
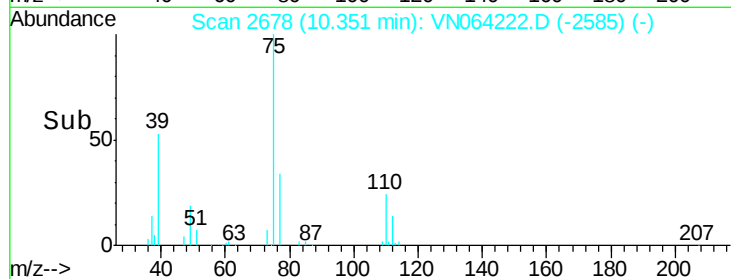
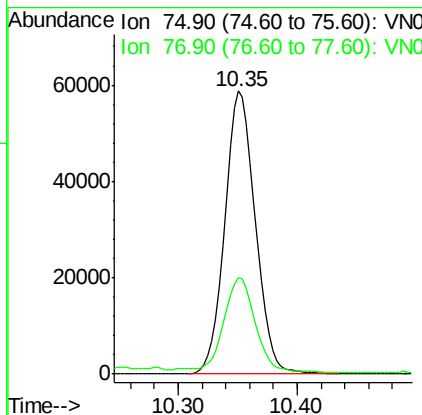
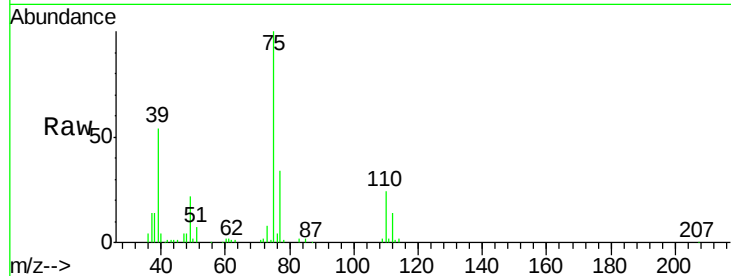
#53
t-1,3-Dichloropropene
Concen: 18.201 ug/l
RT: 10.35 min Scan# 2678
Delta R.T. -0.00 min
Lab File: VN064222.D
Acq: 21 Oct 2020 15:29

Instrument :
MSVOA_N
ClientSampleId :
VN1021WBS01

Tot Ion: 75 Resp: 104404
Ion Ratio Lower Upper
75 100
77 33.3 25.4 38.2

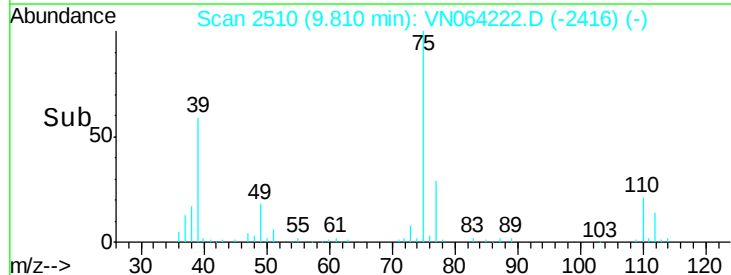
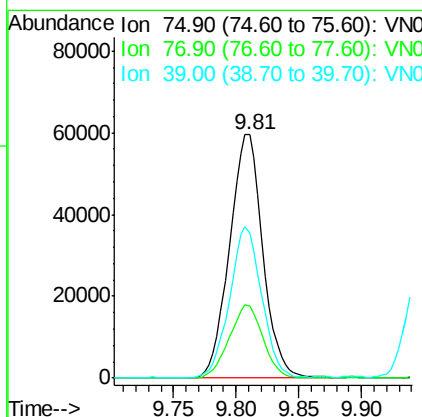
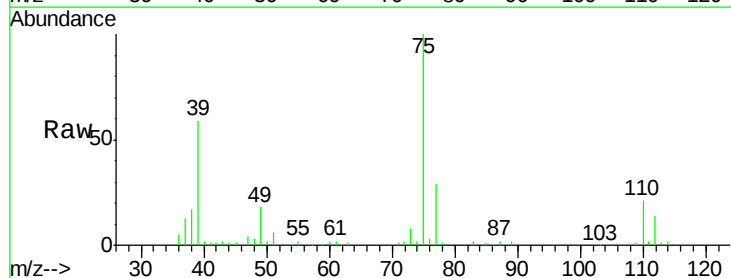
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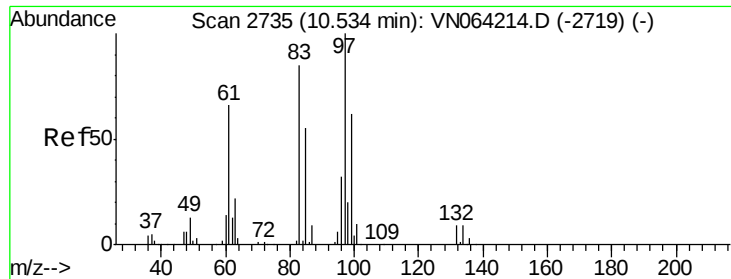
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#54
cis-1,3-Dichloropropene
Concen: 18.166 ug/l
RT: 9.81 min Scan# 2510
Delta R.T. 0.00 min
Lab File: VN064222.D
Acq: 21 Oct 2020 15:29

Tgt Ion: 75 Resp: 109719
Ion Ratio Lower Upper
75 100
77 29.5 26.6 39.8
39 59.4 46.7 70.1





#55

1,1,2-Trichloroethane

Concen: 18.635 ug/l

RT: 10.53 min Scan# 2735

Delta R.T. -0.00 min

Lab File: VN064222.D

Acq: 21 Oct 2020 15:29

Instrument :

MSVOA_N

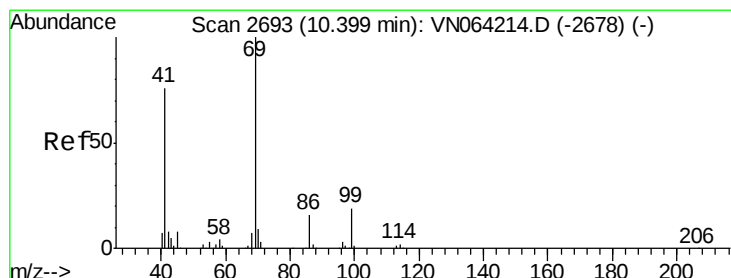
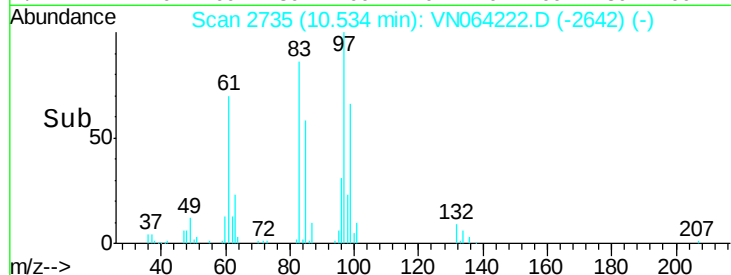
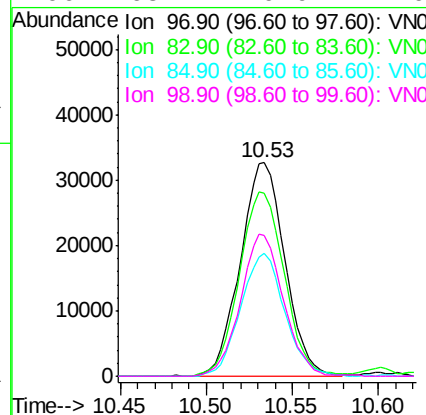
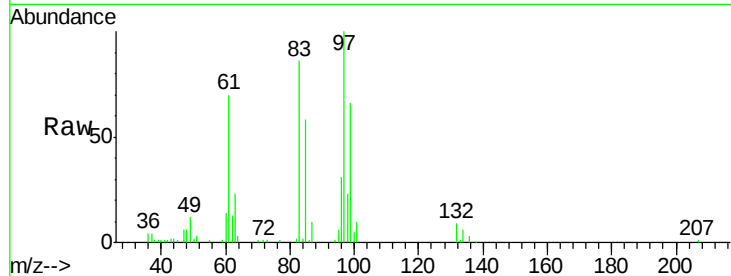
ClientSampleId :

VN1021WBS01

Tot Ion:	97	Resp:	58716
Ion	Ratio	Lower	Upper
97	100		
83	85.8	67.8	101.6
85	57.6	43.6	65.4
99	65.7	49.9	74.9

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#56

Ethyl methacrylate

Concen: 19.167 ug/l

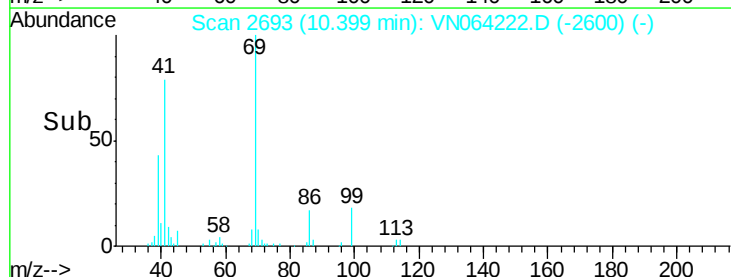
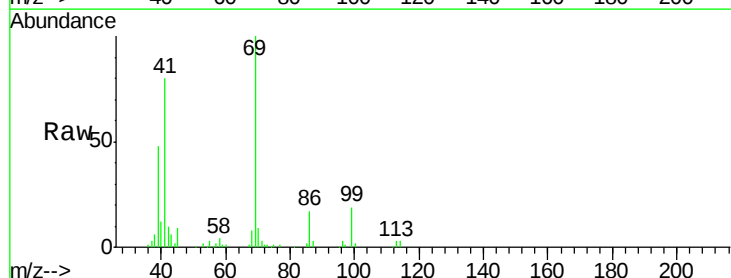
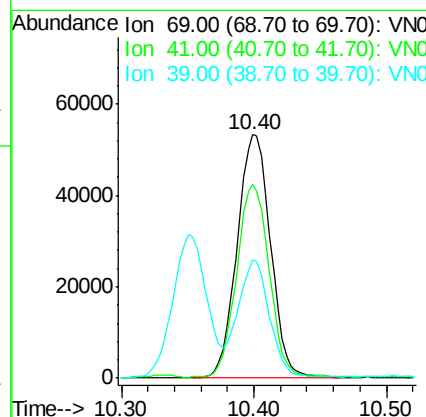
RT: 10.40 min Scan# 2693

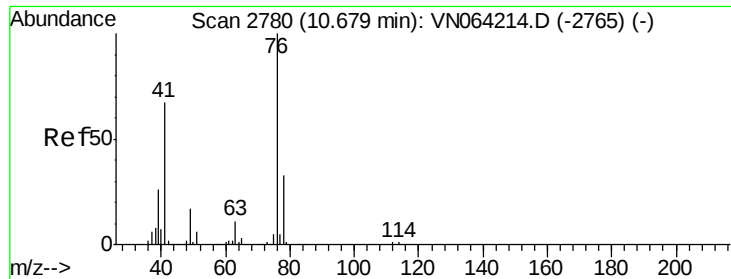
Delta R.T. -0.00 min

Lab File: VN064222.D

Acq: 21 Oct 2020 15:29

Tgt Ion:	69	Resp:	93381
Ion	Ratio	Lower	Upper
69	100		
41	77.5	61.4	92.2
39	44.9	36.0	54.0





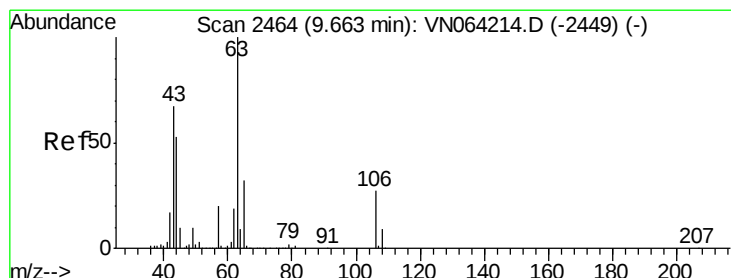
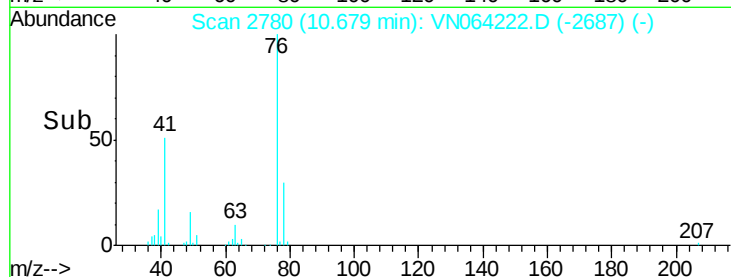
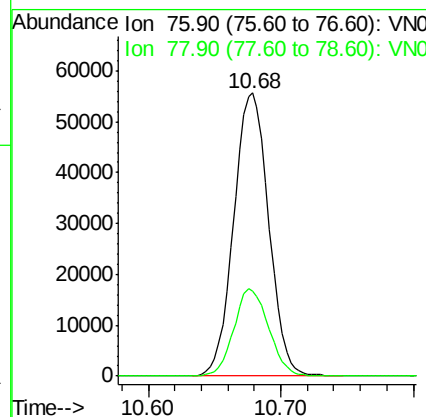
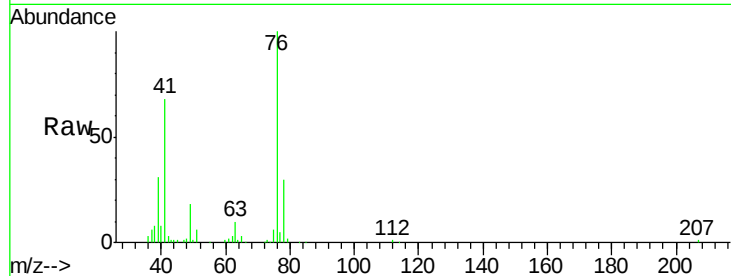
#57
 1,3-Dichloropropane
 Concen: 18.624 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. -0.00 min
 Lab File: VN064222.D
 Acq: 21 Oct 2020 15:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1021WBS01

Tot Ion: 76 Resp: 101930
 Ion Ratio Lower Upper
 76 100
 78 30.7 26.2 39.2

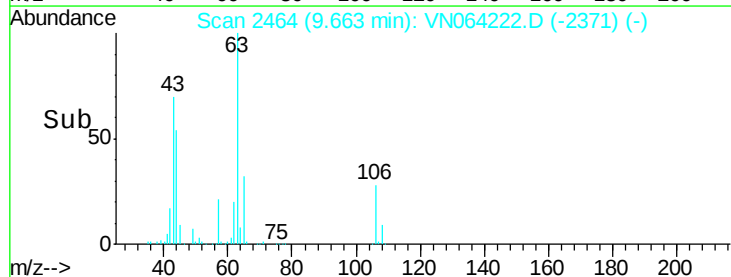
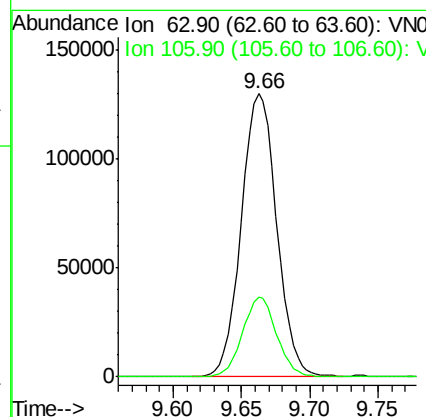
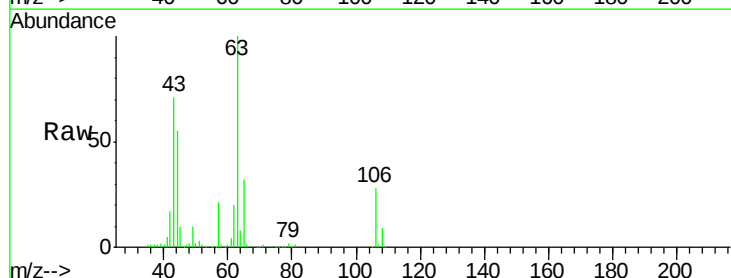
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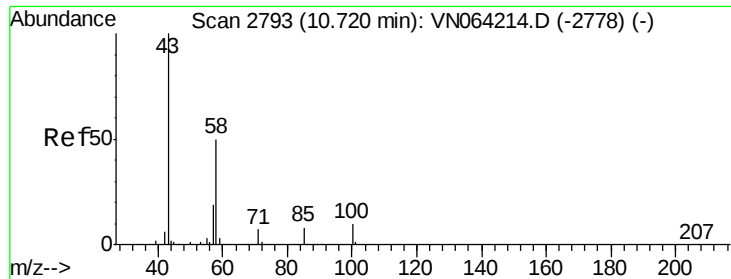
MMDadoda
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#58
 2-Chloroethyl Vinyl ether
 Concen: 93.338 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. -0.00 min
 Lab File: VN064222.D
 Acq: 21 Oct 2020 15:29

Tgt Ion: 63 Resp: 234168
 Ion Ratio Lower Upper
 63 100
 106 27.2 21.3 31.9





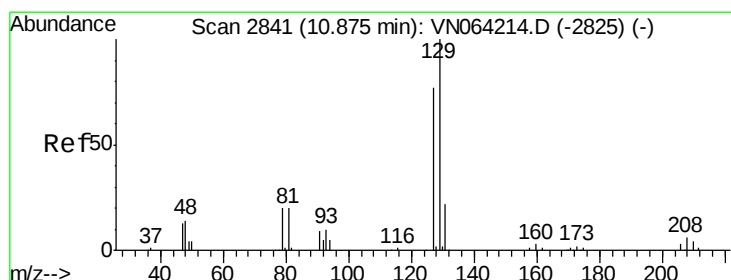
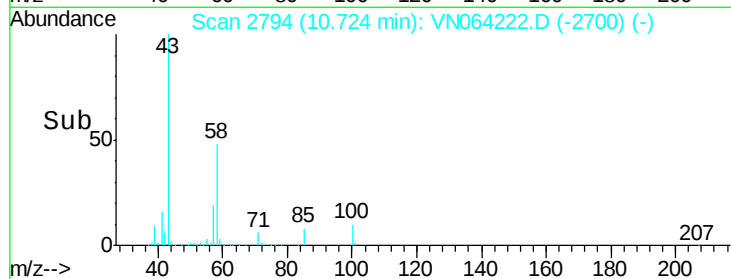
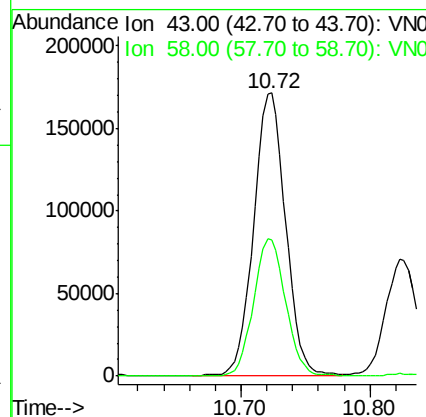
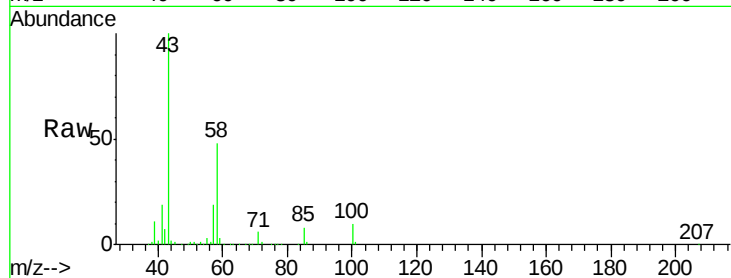
#59
2-Hexanone
Concen: 94.163 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN064222.D
Acq: 21 Oct 2020 15:29

Instrument :
MSVOA_N
ClientSampleId :
VN1021WBS01

Tot Ion: 43 Resp: 293742
Ion Ratio Lower Upper
43 100
58 49.3 24.8 74.3

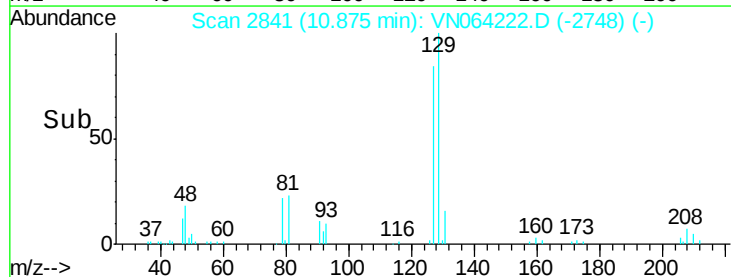
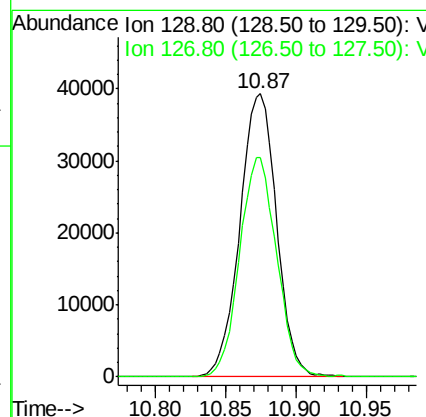
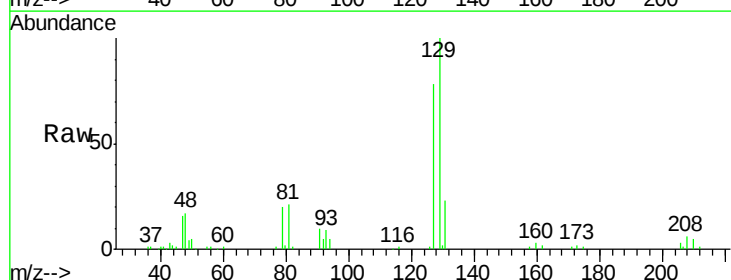
Manual Integrations
APPROVED

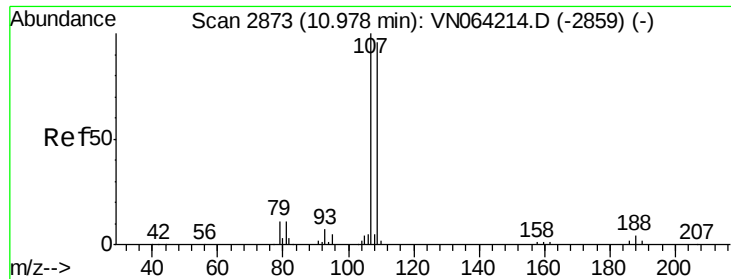
MMDadoda
10/22/2020 11:28:40 AM



#60
Dibromochloromethane
Concen: 17.625 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. -0.00 min
Lab File: VN064222.D
Acq: 21 Oct 2020 15:29

Tgt Ion: 129 Resp: 71894
Ion Ratio Lower Upper
129 100
127 77.8 38.8 116.3





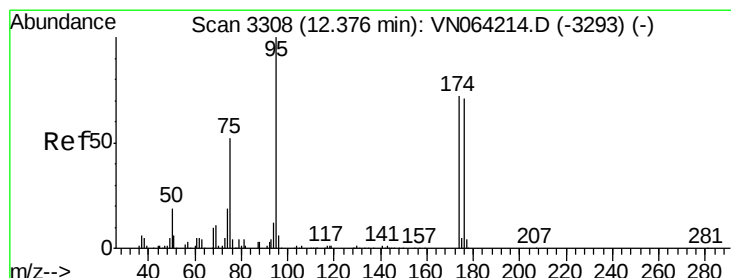
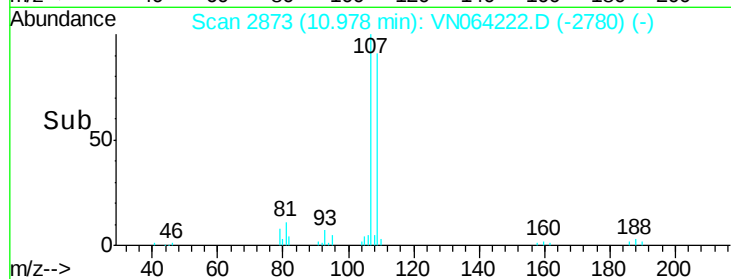
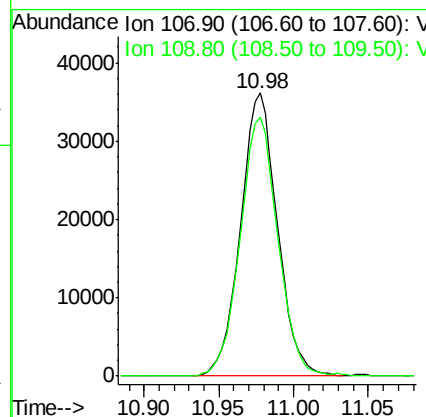
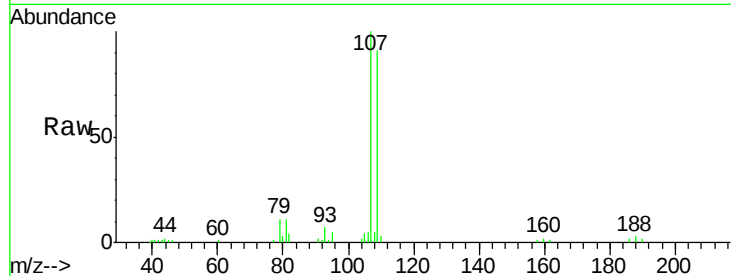
#61
 1,2-Dibromoethane
 Concen: 18.632 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. -0.00 min
 Lab File: VN064222.D
 Acq: 21 Oct 2020 15:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1021WBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.7	76.2	114.4

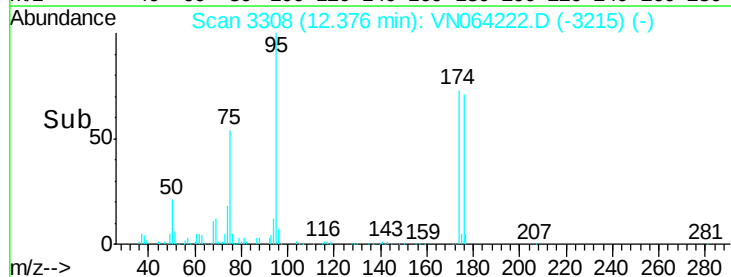
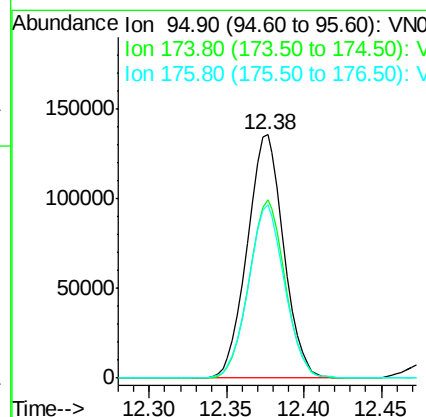
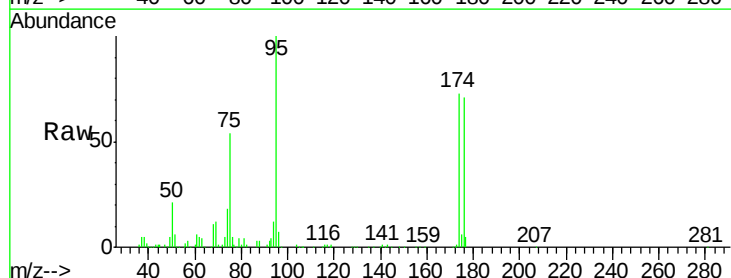
Manual Integrations
 APPROVED

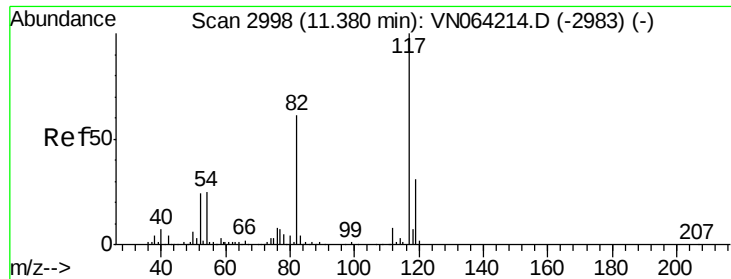
MMDadoda
 10/22/2020 11:28:40 AM



#62
 4-Bromofluorobenzene
 Concen: 48.108 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. -0.00 min
 Lab File: VN064222.D
 Acq: 21 Oct 2020 15:29

Tgt Ion	Ratio	Lower	Upper
95	100		
174	72.5	0.0	144.4
176	70.5	0.0	139.2





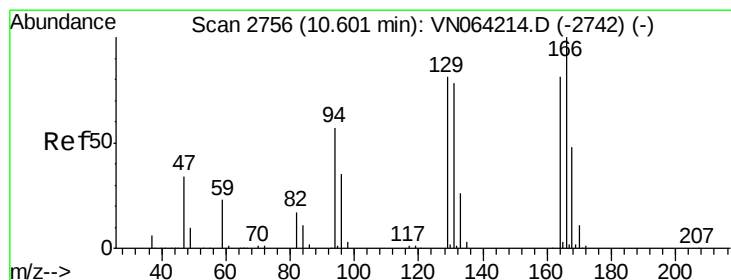
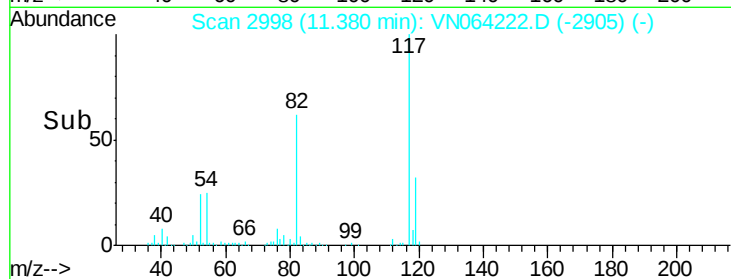
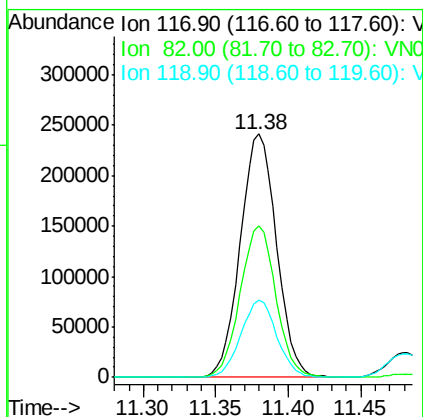
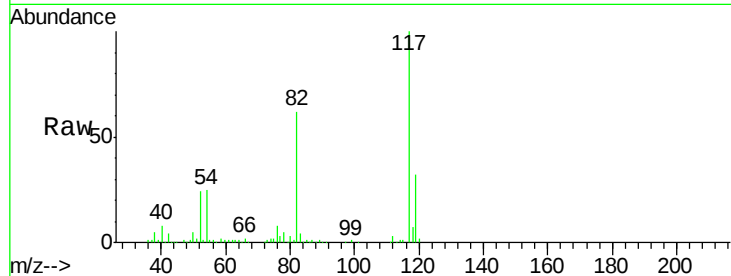
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064222.D
Acq: 21 Oct 2020 15:29

Instrument :
MSVOA_N
ClientSampleId :
VN1021WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	62.1	48.8	73.2
119	31.8	24.7	37.1

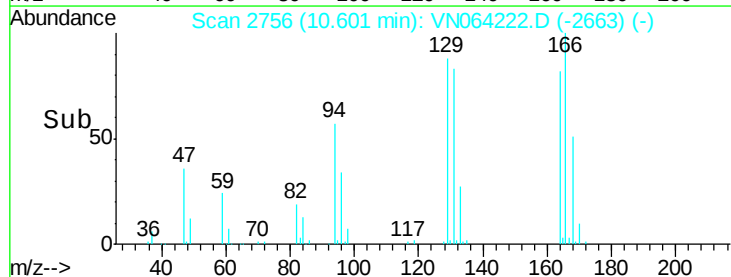
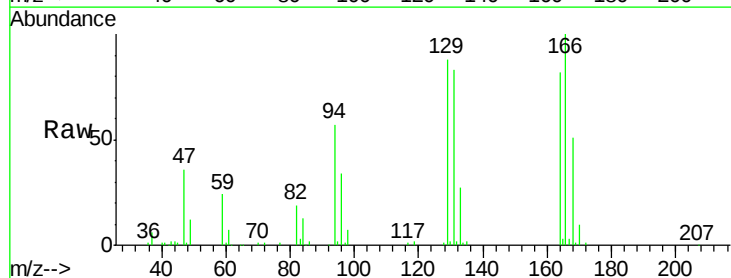
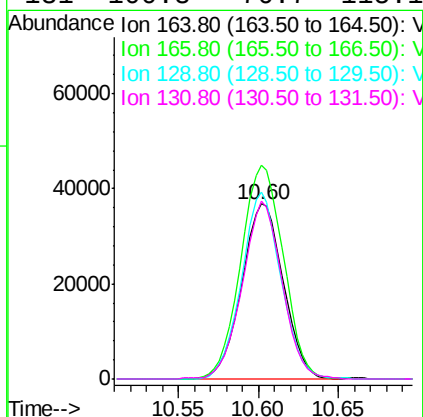
Manual Integrations
APPROVED

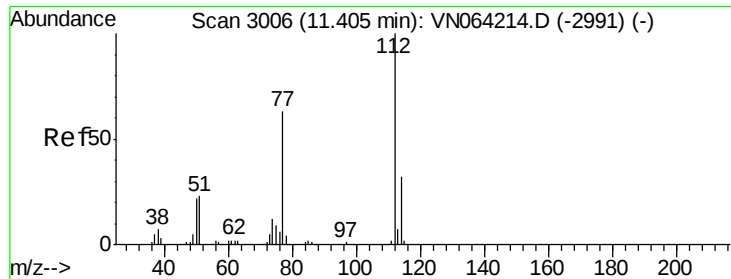
MMDadoda
10/22/2020 11:28:40 AM



#64
Tetrachloroethene
Concen: 19.239 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN064222.D
Acq: 21 Oct 2020 15:29

Tgt Ion	Ratio	Lower	Upper
164	100		
166	121.8	98.9	148.3
129	106.7	79.9	119.9
131	100.8	76.7	115.1





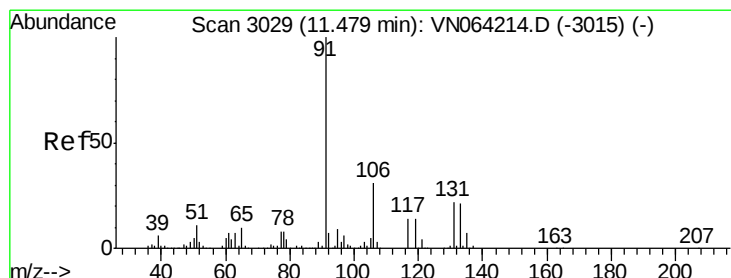
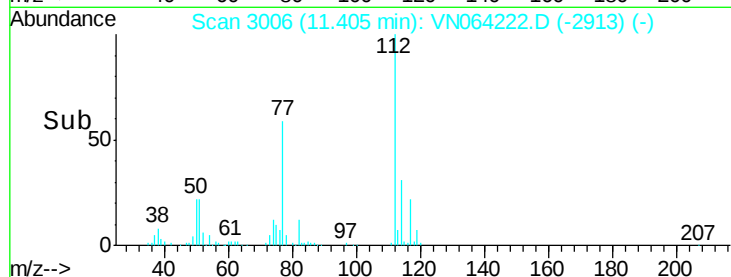
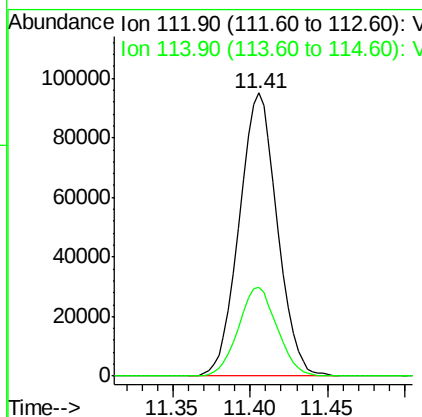
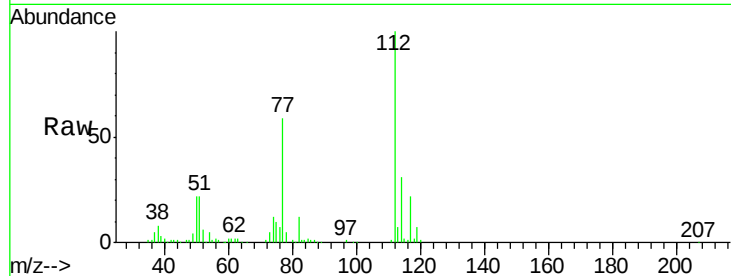
#65
Chlorobenzene
Concen: 18.661 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN064222.D
Acq: 21 Oct 2020 15:29

Instrument :
MSVOA_N
ClientSampleId :
VN1021WBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.4	25.7	38.5

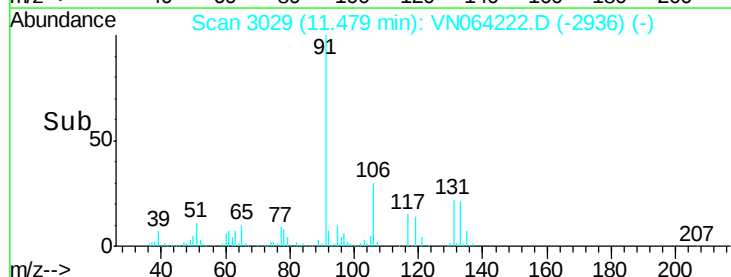
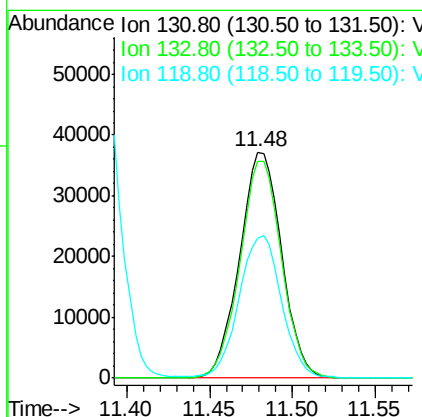
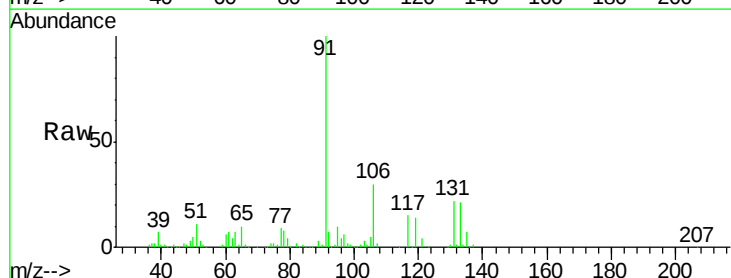
Manual Integrations
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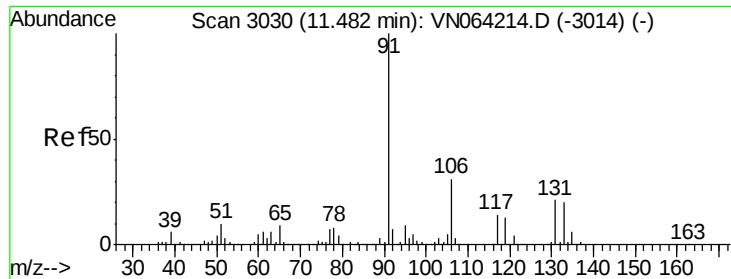
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.892 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN064222.D
Acq: 21 Oct 2020 15:29

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.3	47.8	143.4
119	64.6	32.2	96.6





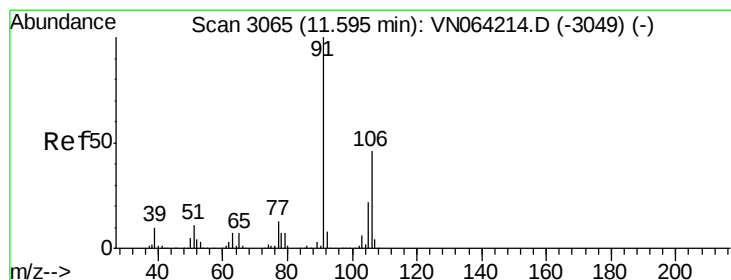
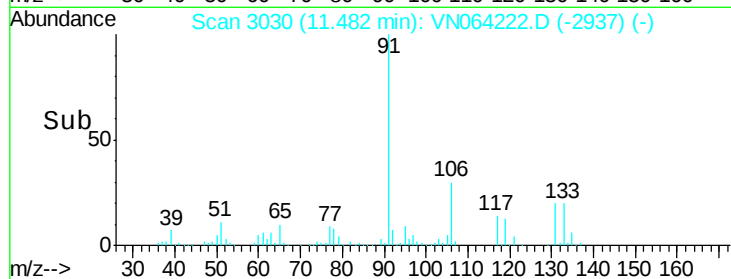
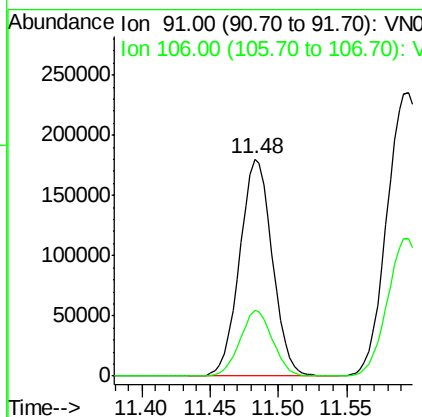
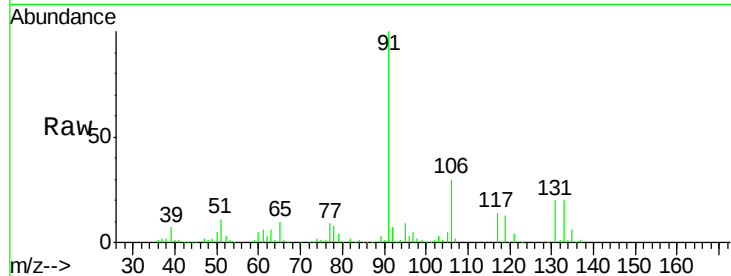
#67
Ethyl Benzene
Concen: 18.741 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN064222.D
Acq: 21 Oct 2020 15:29

Instrument :
MSVOA_N
ClientSampleId :
VN1021WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100		299931		
106	30.3	24.8	37.2		

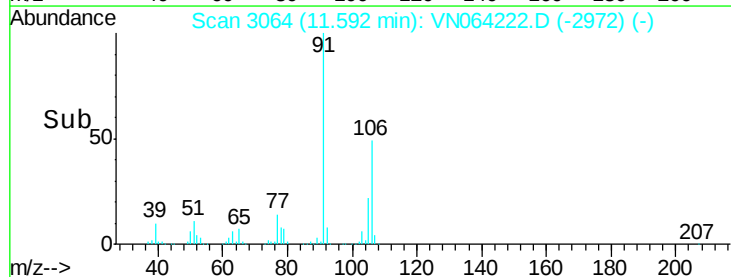
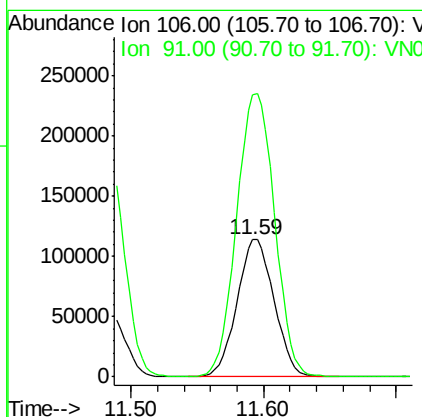
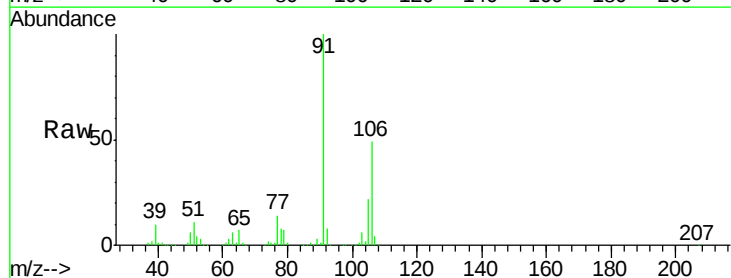
Manual Integrations
APPROVED

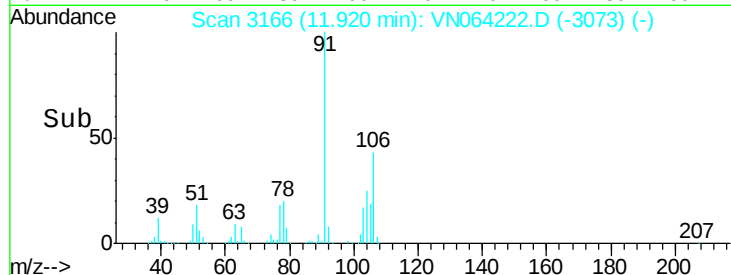
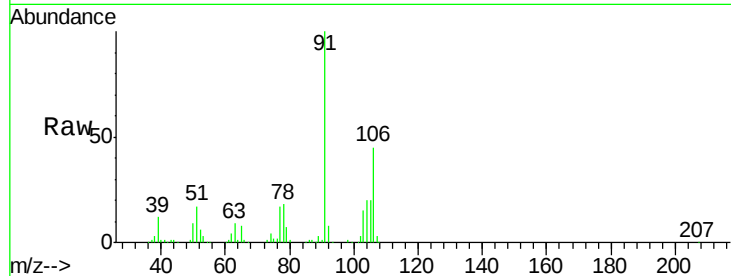
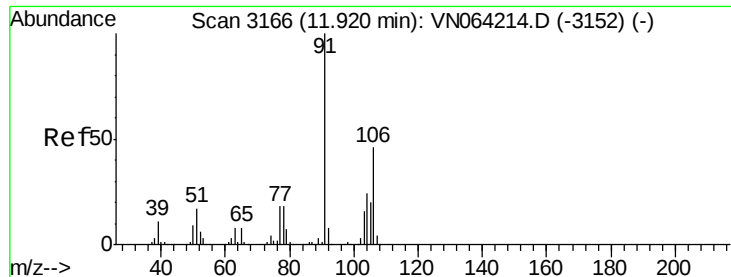
MMDadoda
10/22/2020 11:28:40 AM



#68
m/p-Xylenes
Concen: 37.360 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN064222.D
Acq: 21 Oct 2020 15:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
106	100		221535		
91	210.7	172.2	258.2		





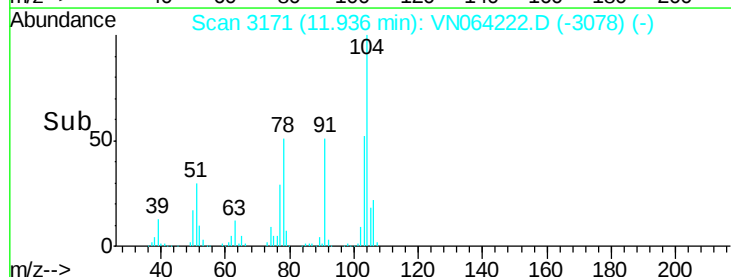
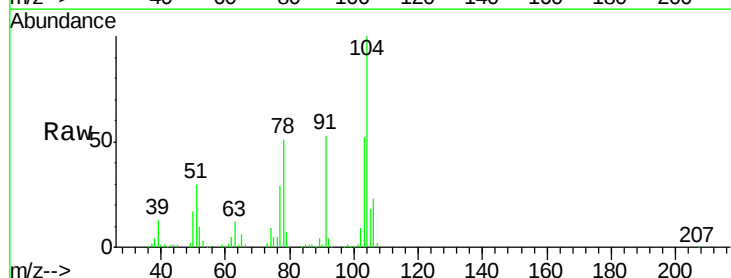
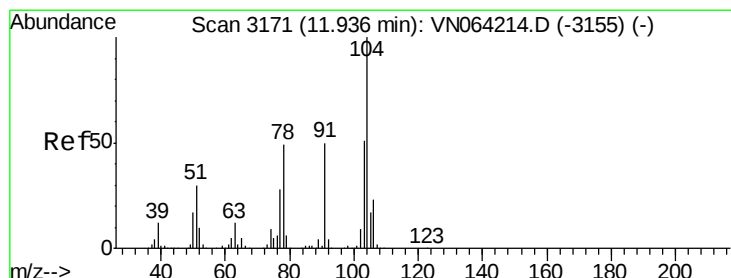
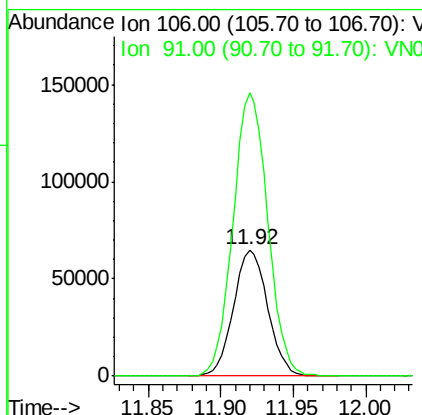
#69
o-Xylene
Concen: 18.576 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN064222.D
Acq: 21 Oct 2020 15:29

Instrument :
MSVOA_N
ClientSampleId :
VN1021WBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	227.4	109.9	329.6

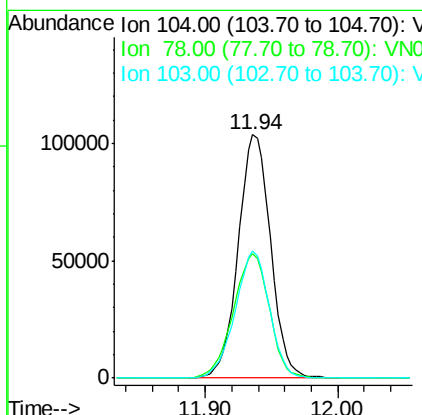
Manual Integrations
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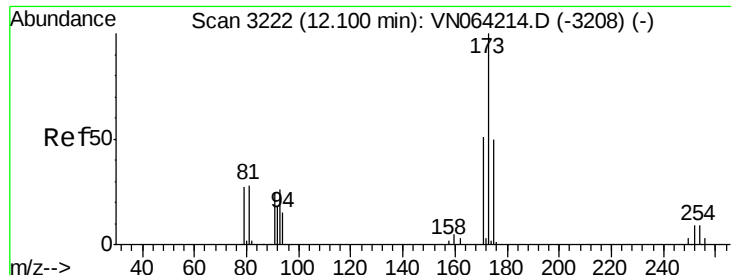
MMDadoda
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#70
Styrene
Concen: 18.350 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN064222.D
Acq: 21 Oct 2020 15:29

Tgt Ion	Ratio	Lower	Upper
104	100		
78	56.6	43.8	65.6
103	55.0	43.4	65.2





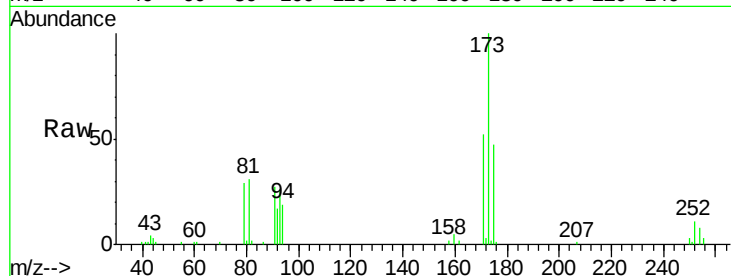
#71
Bromoform
Concen: 18.030 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. -0.00 min
Lab File: VN064222.D
Acq: 21 Oct 2020 15:29

Instrument :
MSVOA_N
ClientSampleId :
VN1021WBS01

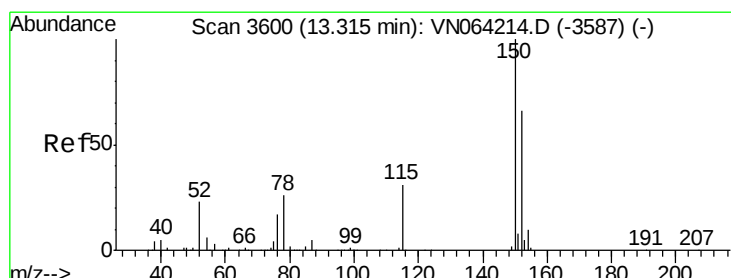
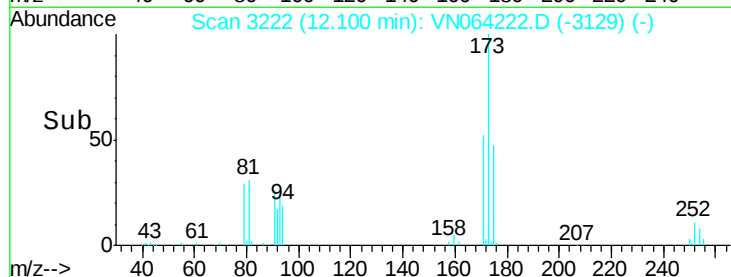
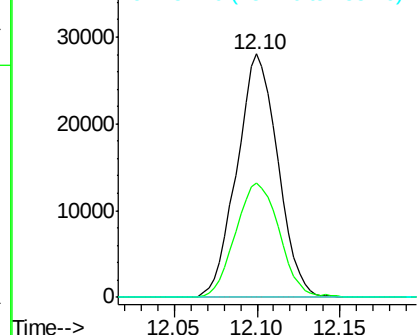
Tot Ion	Ratio	Lower	Upper
173	100		
175	50.3	25.1	75.3
254	0.0	0.0	0.0

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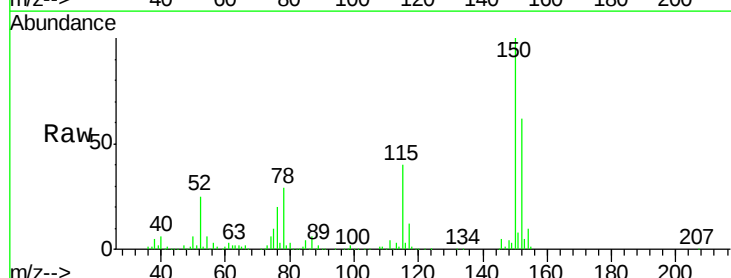


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

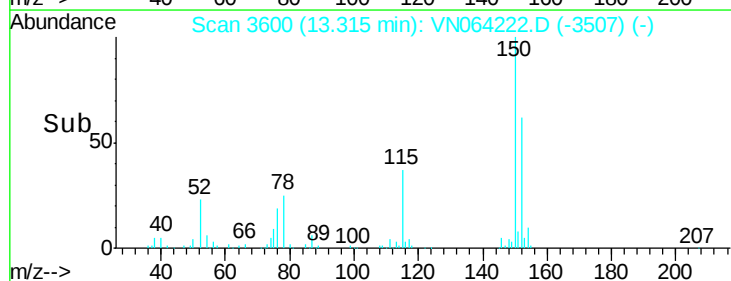
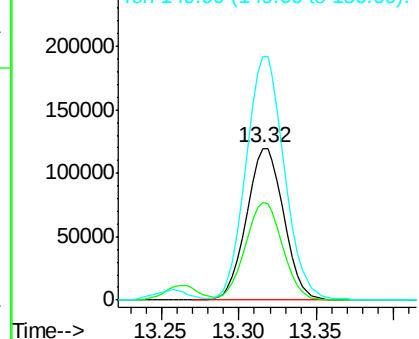


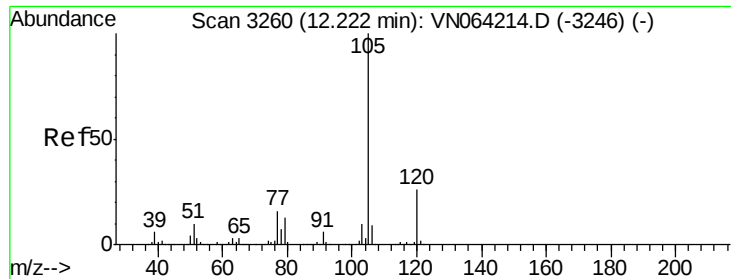
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3600
Delta R.T. -0.00 min
Lab File: VN064222.D
Acq: 21 Oct 2020 15:29

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.0	32.0	96.2
150	164.9	0.0	356.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.465 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN064222.D

Acq: 21 Oct 2020 15:29

Instrument :

MSVOA_N

ClientSampleId :

VN1021WBS01

Tot Ion: 105 Resp: 282328

Ion Ratio Lower Upper

105 100

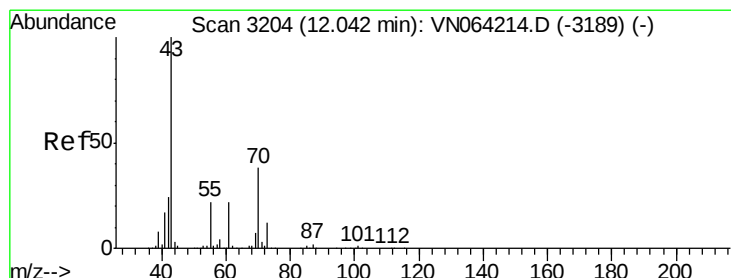
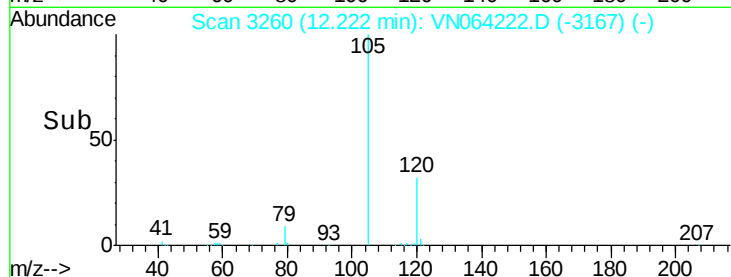
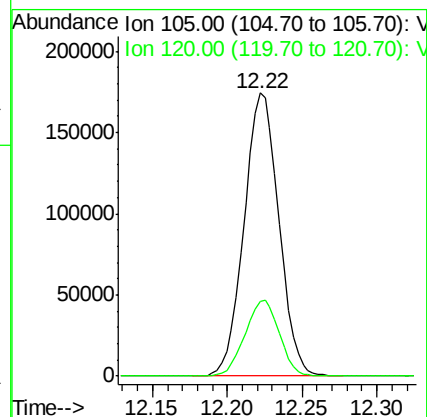
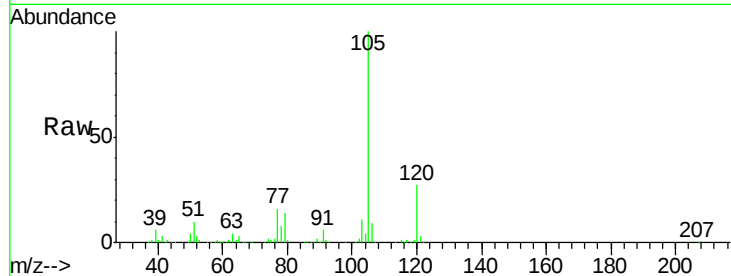
120 26.4 12.9 38.7

Manual Integrations

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#74

N-ethyl acetate

Concen: 19.118 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN064222.D

Acq: 21 Oct 2020 15:29

Tgt Ion: 43 Resp: 126307

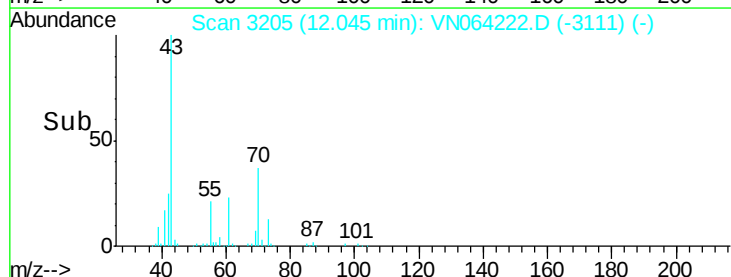
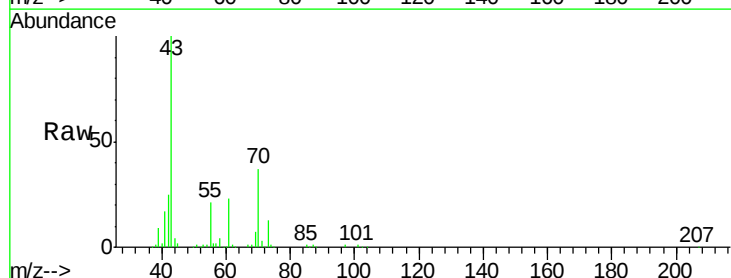
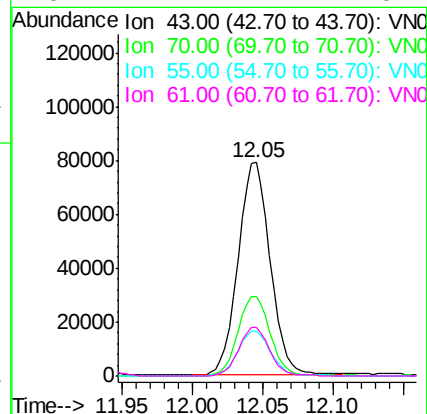
Ion Ratio Lower Upper

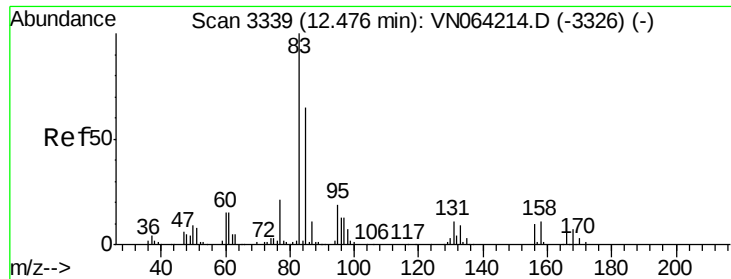
43 100

70 37.2 30.2 45.4

55 21.9 18.0 27.0

61 22.1 17.4 26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 19.319 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN064222.D

Acq: 21 Oct 2020 15:29

Instrument :

MSVOA_N

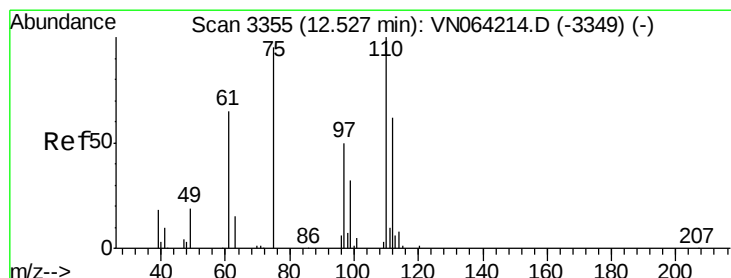
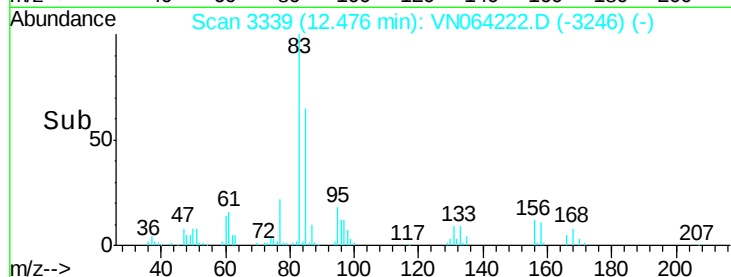
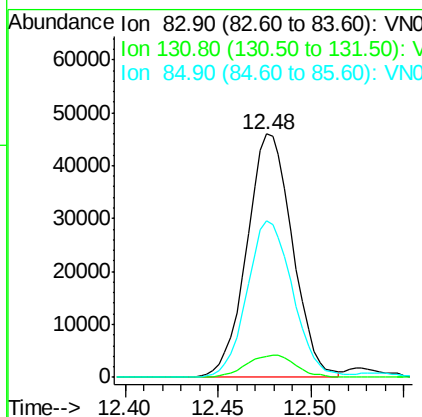
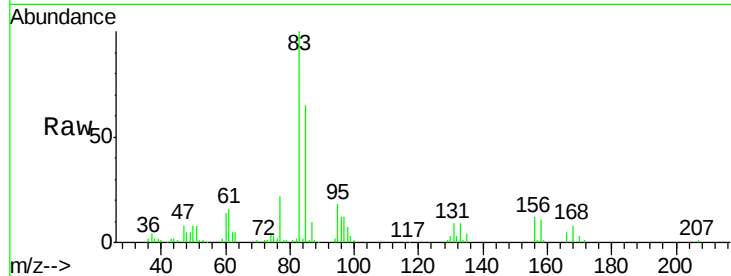
ClientSampleId :

VN1021WBS01

Tot Ion:	83	Resp:	78386
Ion Ratio	Lower	Upper	
83	100		
131	9.7	5.5	16.7
85	64.6	32.4	97.0

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#76

1,2,3-Trichloropropane

Concen: 18.086 ug/l m

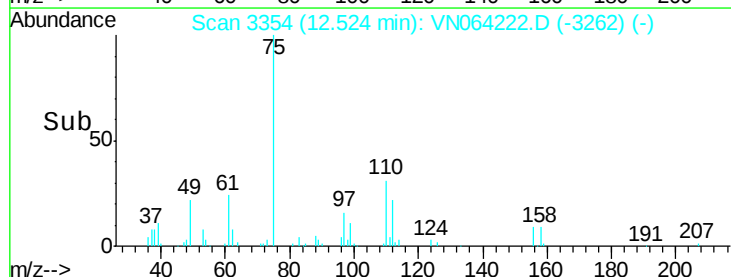
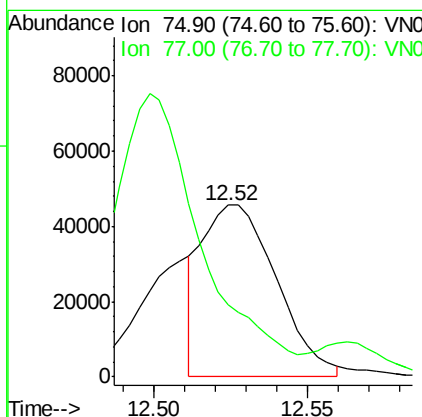
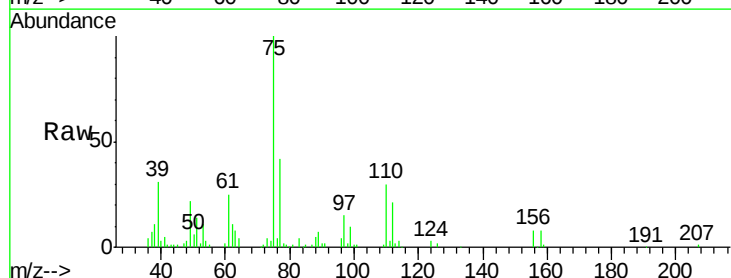
RT: 12.52 min Scan# 3354

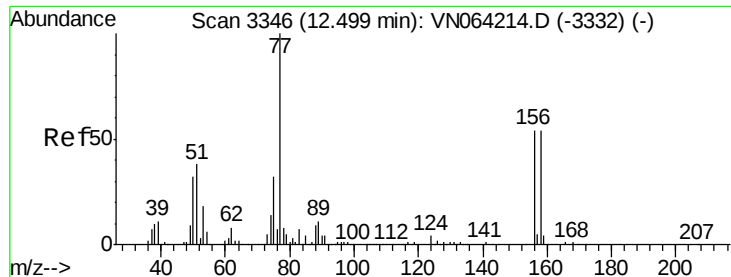
Delta R.T. -0.00 min

Lab File: VN064222.D

Acq: 21 Oct 2020 15:29

Tgt Ion:	75	Resp:	76437
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.380 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN064222.D

Acq: 21 Oct 2020 15:29

Instrument :

MSVOA_N

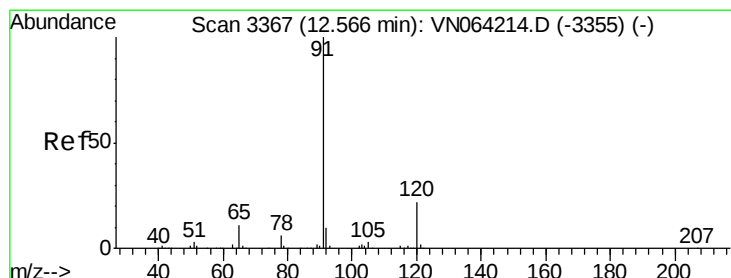
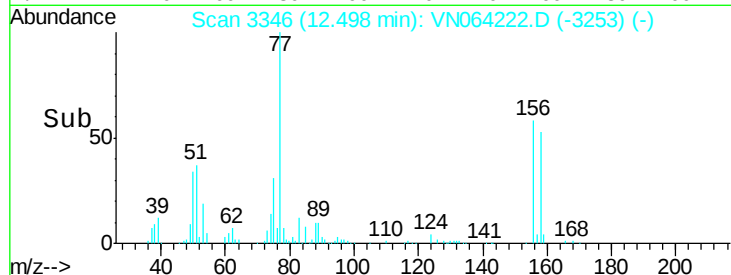
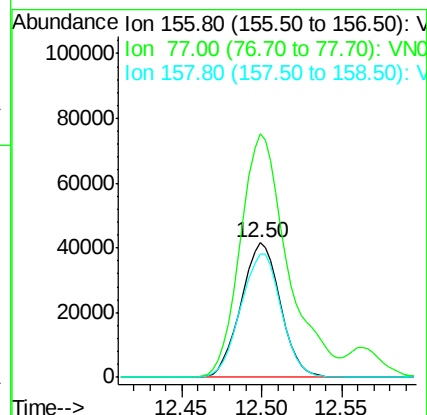
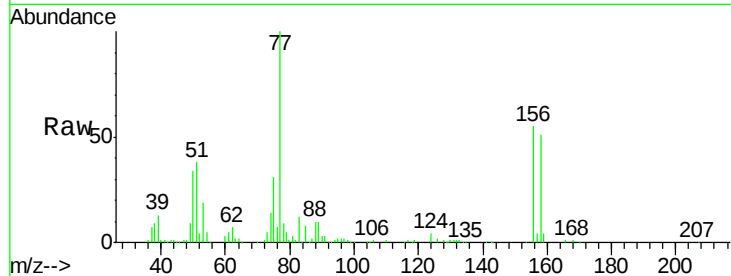
ClientSampleId :

VN1021WBS01

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	217.4	111.1	333.4	
158	94.4	50.0	150.1	

Manual Integrations
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#78

n-propylbenzene

Concen: 18.466 ug/l

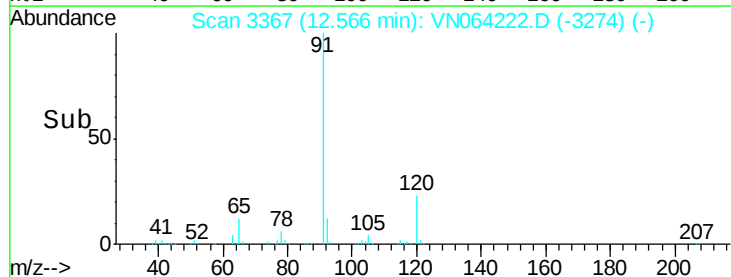
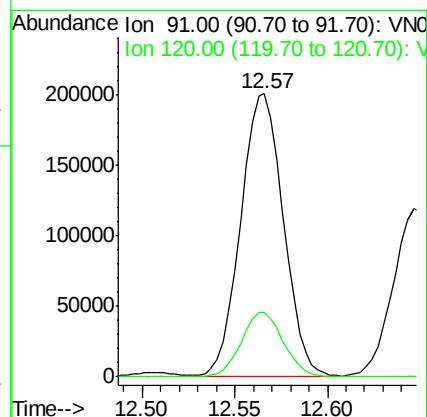
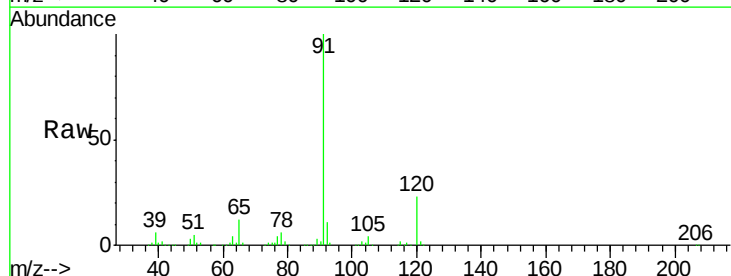
RT: 12.57 min Scan# 3367

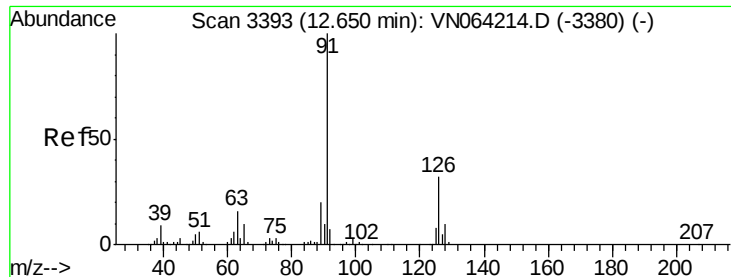
Delta R.T. -0.00 min

Lab File: VN064222.D

Acq: 21 Oct 2020 15:29

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	22.6	11.1	33.1	





#79

2-Chlorotoluene

Concen: 18.851 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN064222.D

Acq: 21 Oct 2020 15:29

Instrument :

MSVOA_N

ClientSampleId :

VN1021WBS01

Tot Ion: 91 Resp: 199604

Ion Ratio Lower Upper

91 100

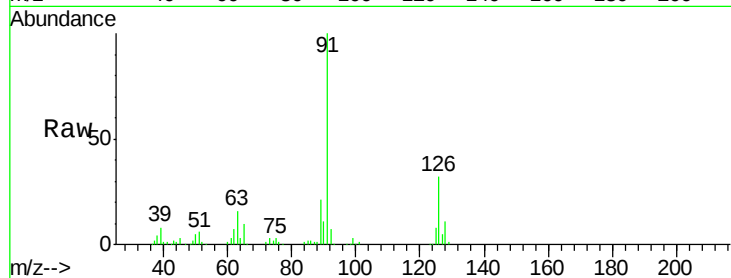
126 32.1 16.0 48.0

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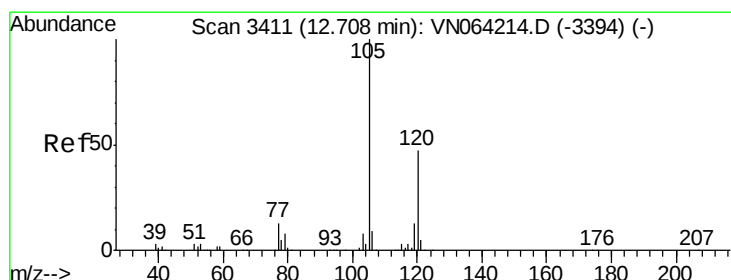
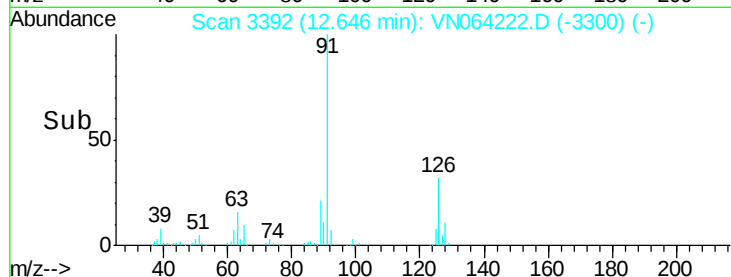
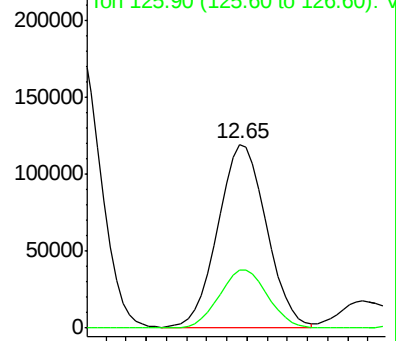
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Abundance Ion 91.00 (90.70 to 91.70): VN064214.D (-3380) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.041 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN064222.D

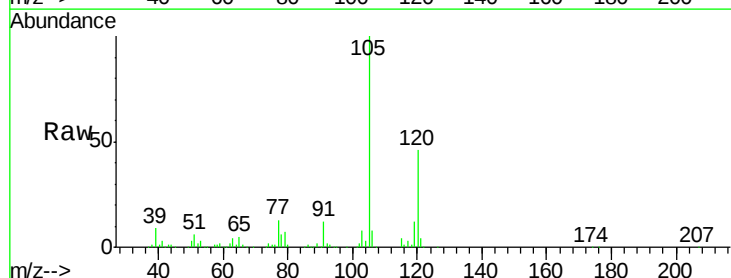
Acq: 21 Oct 2020 15:29

Tgt Ion: 105 Resp: 246124

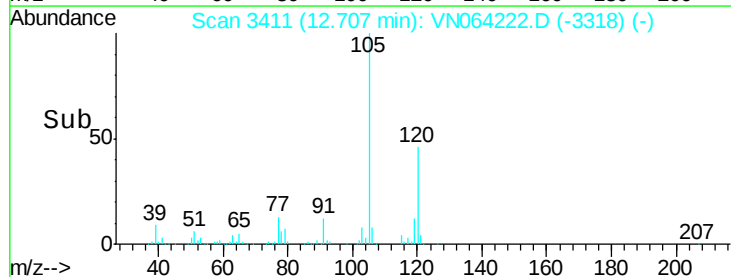
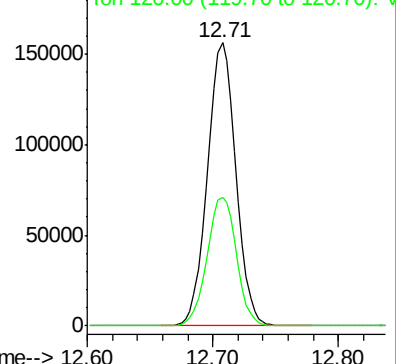
Ion Ratio Lower Upper

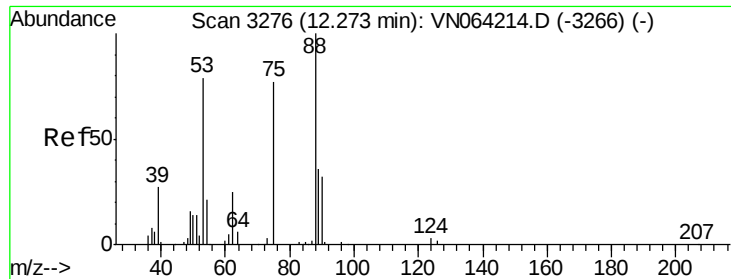
105 100

120 46.7 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): VN064214.D (-3394) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 18.698 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. -0.00 min

Lab File: VN064222.D

Acq: 21 Oct 2020 15:29

Instrument :

MSVOA_N

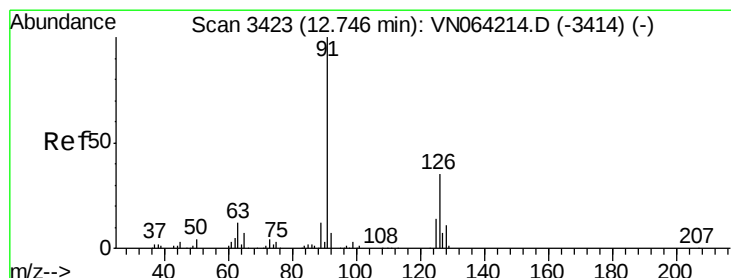
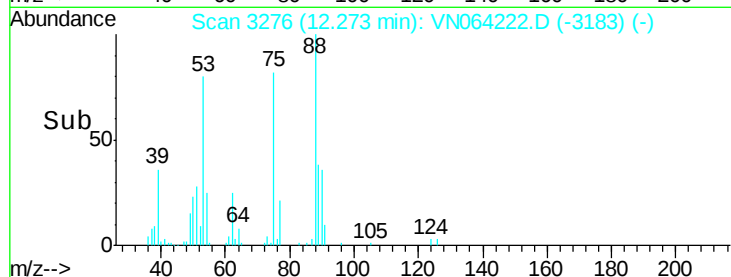
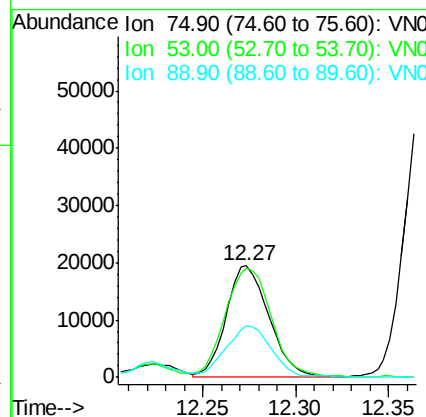
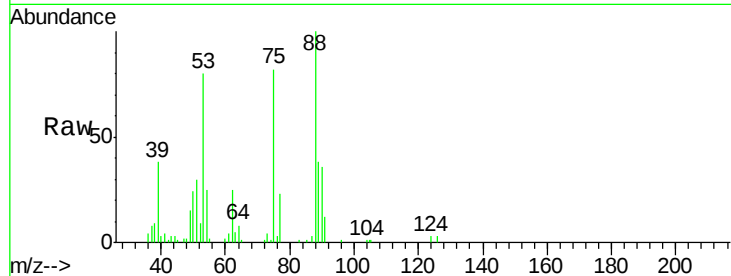
ClientSampleId :

VN1021WBS01

Tot Ion:	75	Resp:	31300
Ion	Ratio	Lower	Upper
75	100		
53	106.6	81.0	121.4
89	49.2	38.7	58.1

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#82

4-Chlorotoluene

Concen: 18.581 ug/l

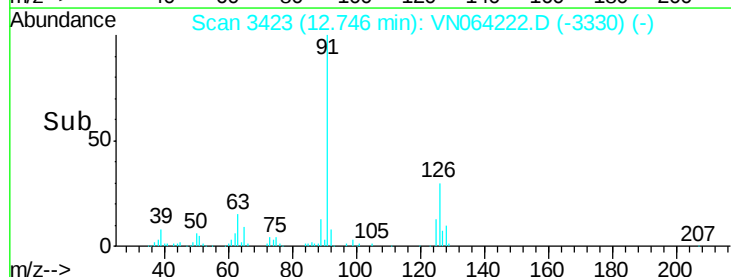
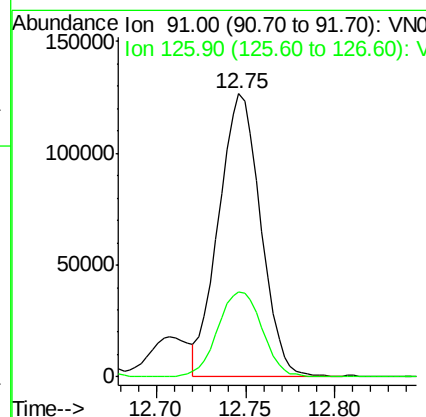
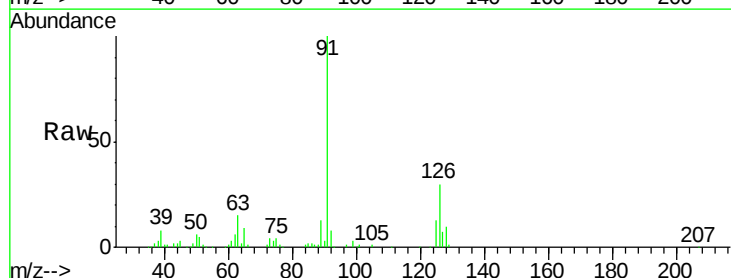
RT: 12.75 min Scan# 3423

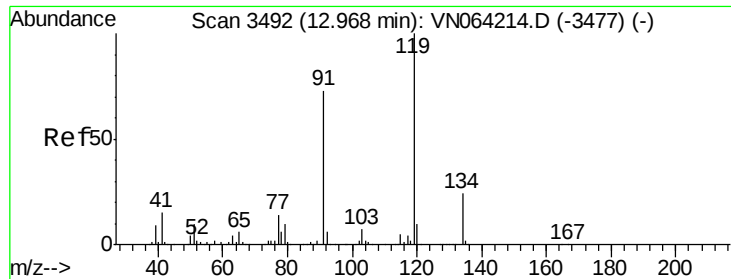
Delta R.T. -0.00 min

Lab File: VN064222.D

Acq: 21 Oct 2020 15:29

Tgt Ion:	91	Resp:	205229
Ion	Ratio	Lower	Upper
91	100		
126	32.1	15.8	47.3





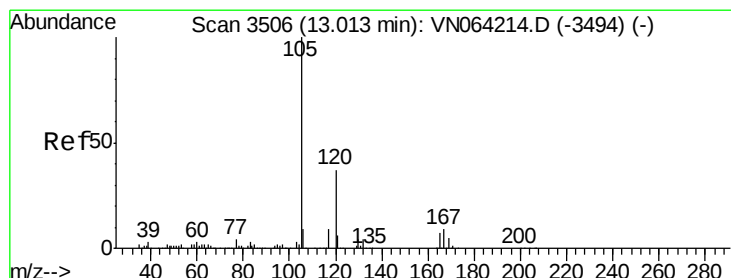
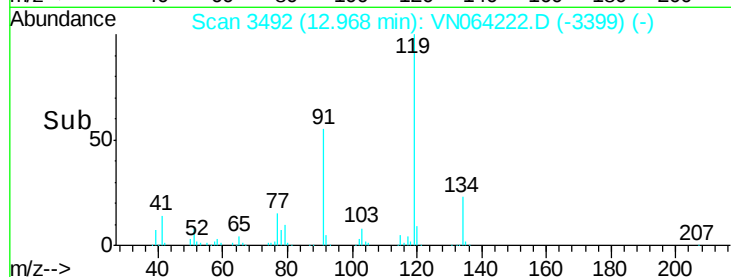
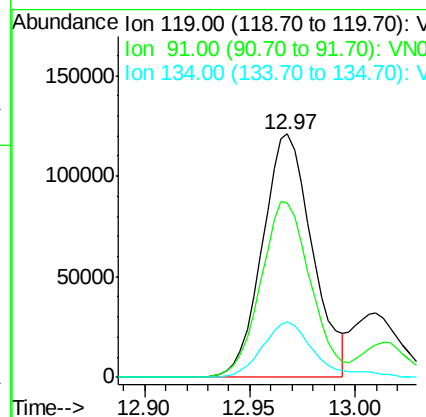
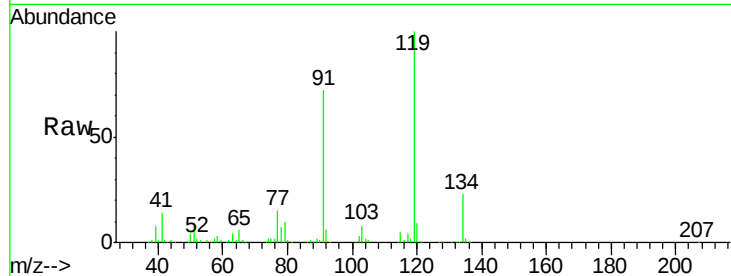
#83
 tert-Butylbenzene
 Concen: 18.779 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. -0.00 min
 Lab File: VN064222.D
 Acq: 21 Oct 2020 15:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1021WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	199015		
91	72.4	35.1	105.3	
134	23.9	11.6	34.8	

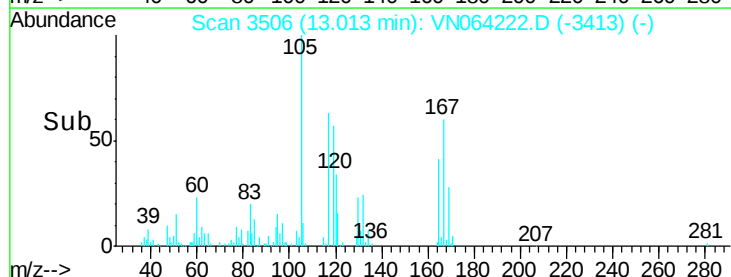
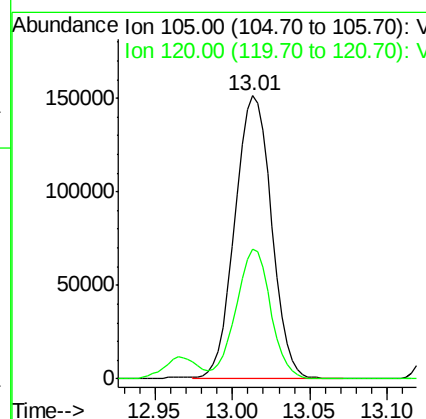
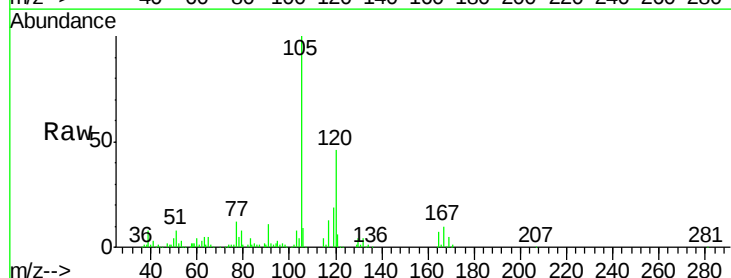
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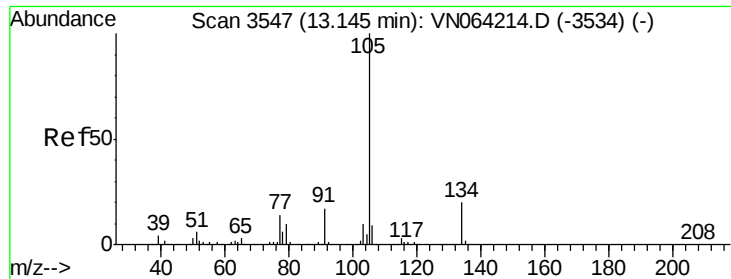
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.300 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. -0.00 min
 Lab File: VN064222.D
 Acq: 21 Oct 2020 15:29

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	248306		
120	43.3	21.5	64.5	





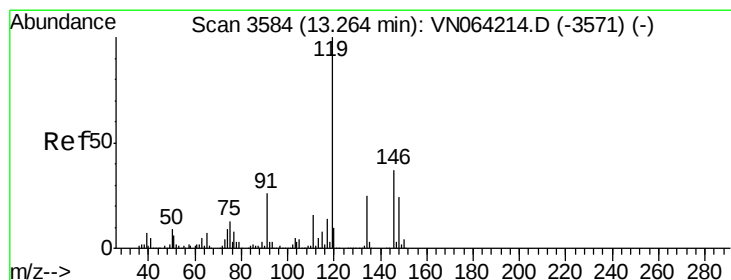
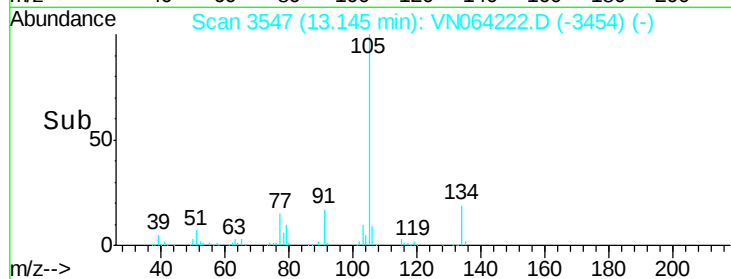
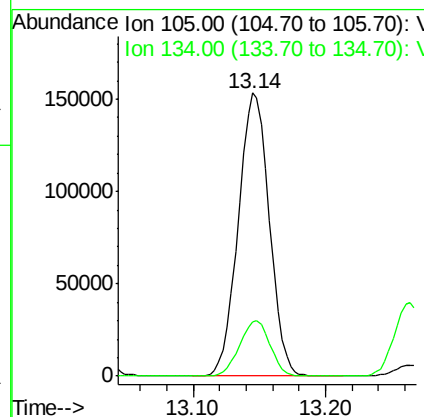
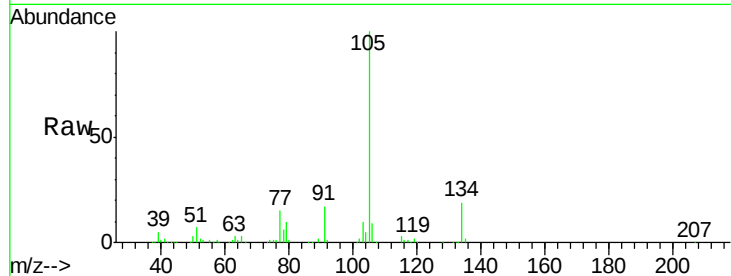
#85
 sec-Butylbenzene
 Concen: 18.562 ug/l
 RT: 13.14 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN064222.D
 Acq: 21 Oct 2020 15:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1021WBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	248000		
134	19.4	9.7	29.1	

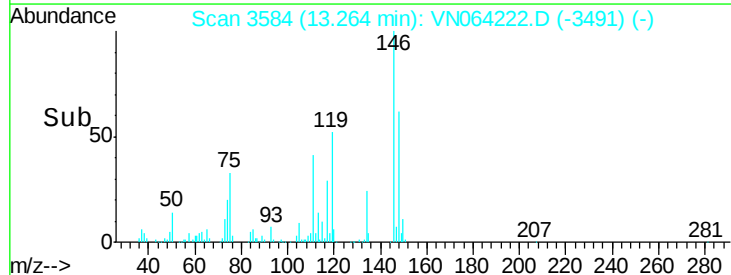
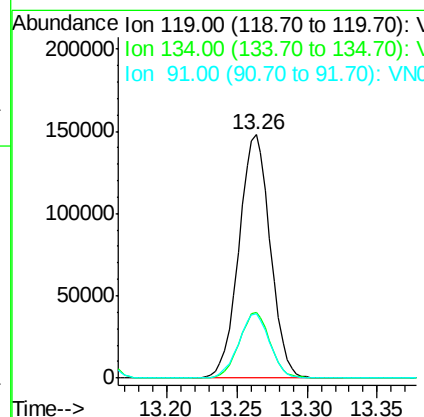
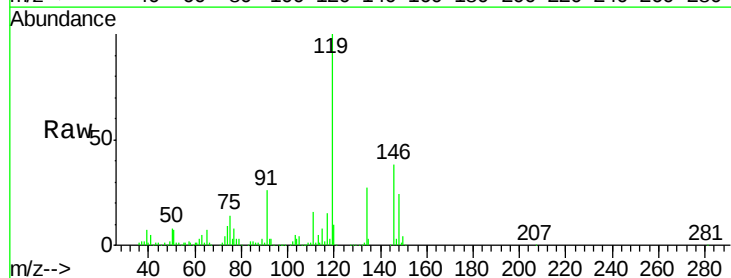
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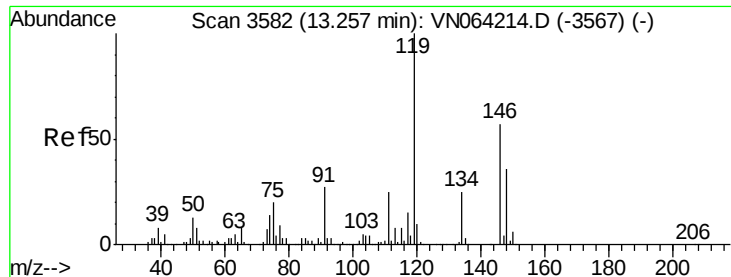
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#86
 p-Isopropyltoluene
 Concen: 18.935 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. -0.00 min
 Lab File: VN064222.D
 Acq: 21 Oct 2020 15:29

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	230374		
134	26.6	13.1	39.3	
91	26.4	13.4	40.2	





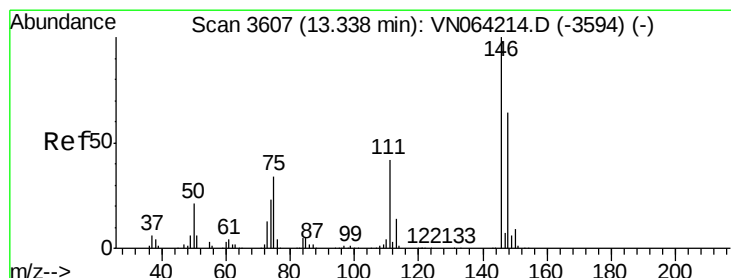
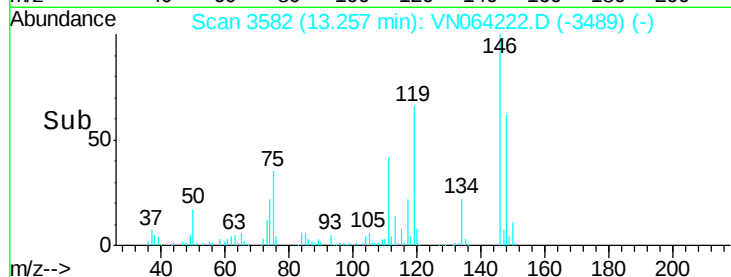
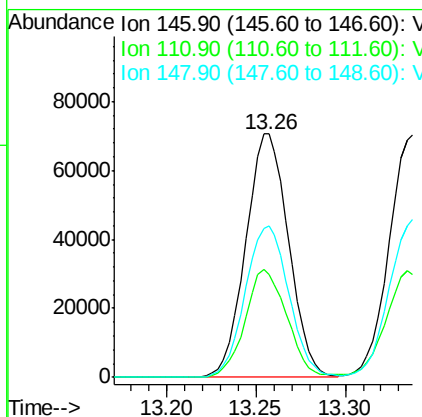
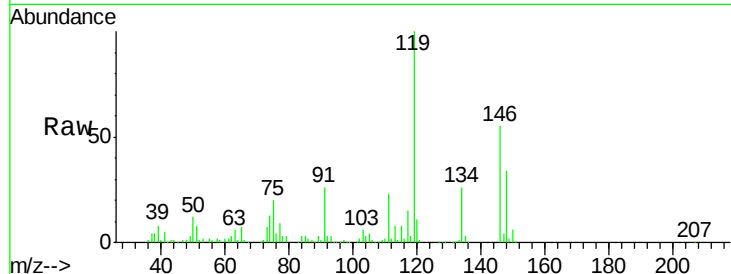
#87
 1,3-Dichlorobenzene
 Concen: 18.461 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN064222.D
 Acq: 21 Oct 2020 15:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1021WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	118569		
111	43.3	21.6	65.0	
148	63.6	31.7	95.1	

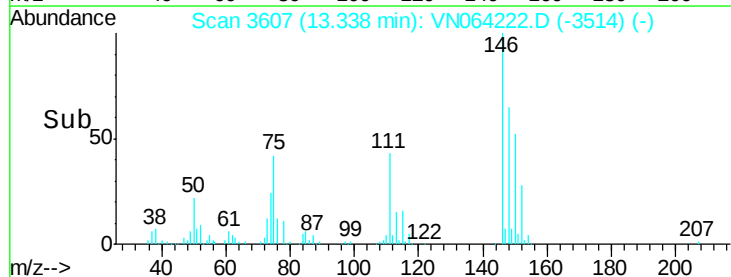
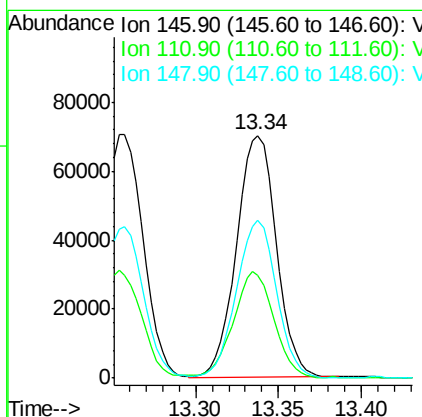
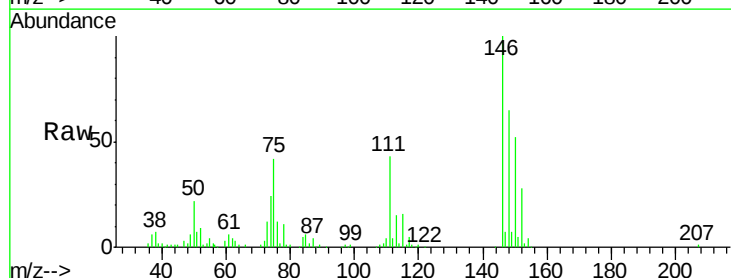
Manual Integrations
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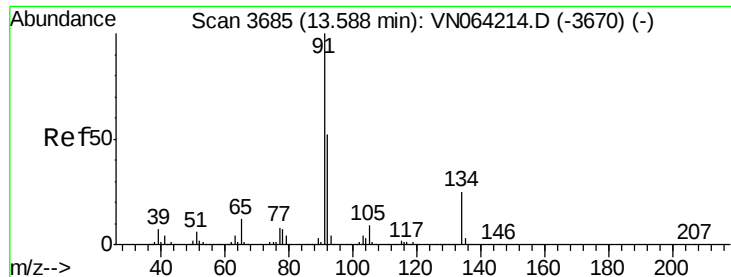
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 10/22/2020 11:28:40 AM



#88
 1,4-Dichlorobenzene
 Concen: 17.833 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. -0.00 min
 Lab File: VN064222.D
 Acq: 21 Oct 2020 15:29

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	117235		
111	45.2	21.5	64.5	
148	65.5	32.0	96.0	





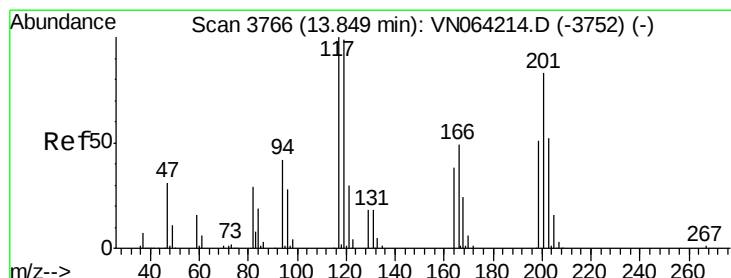
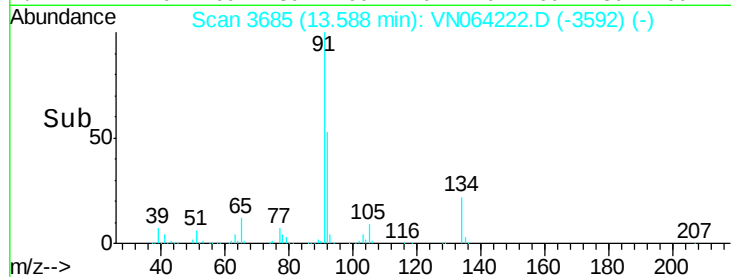
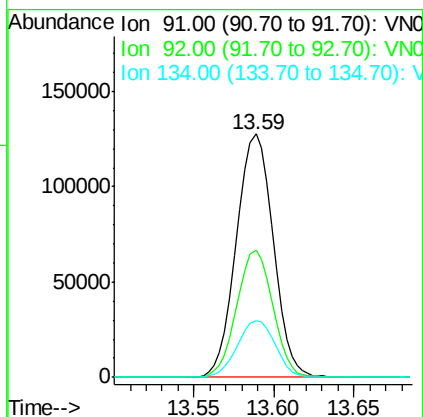
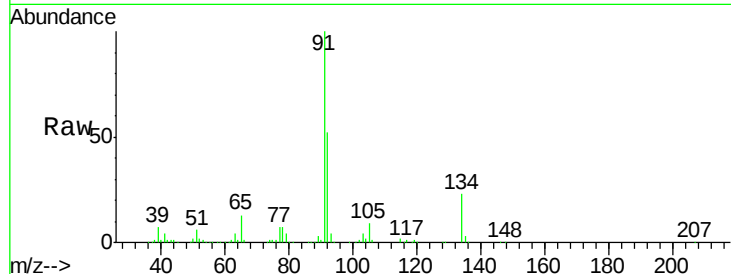
#89
n-Butylbenzene
Concen: 18.427 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN064222.D
Acq: 21 Oct 2020 15:29

Instrument :
MSVOA_N
ClientSampleId :
VN1021WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.3	25.7	77.0
134	23.9	12.3	36.8

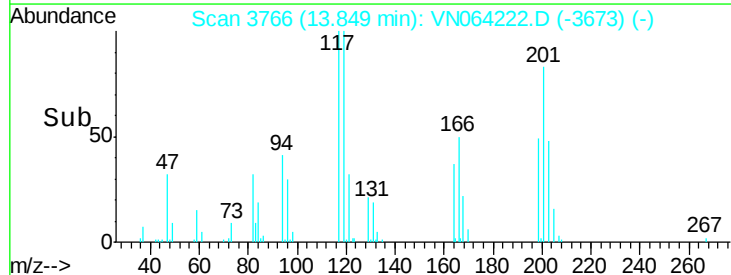
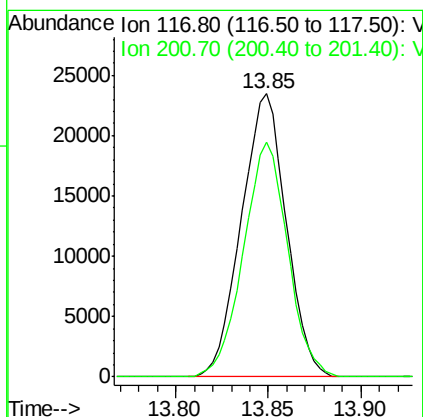
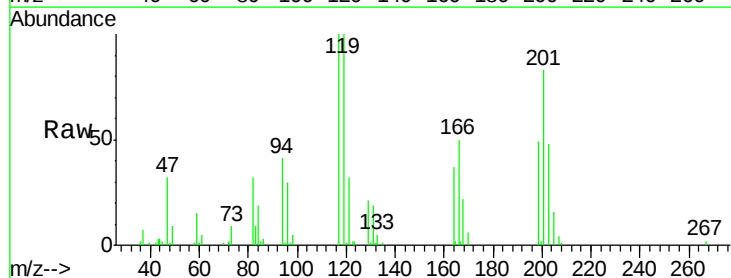
Manual Integrations
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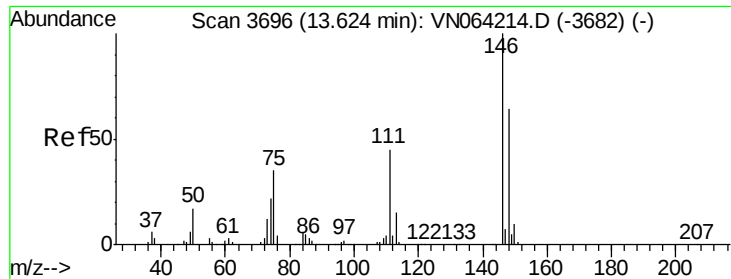
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#90
Hexachloroethane
Concen: 17.871 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. -0.00 min
Lab File: VN064222.D
Acq: 21 Oct 2020 15:29

Tgt Ion	Ratio	Lower	Upper
117	100		
201	81.8	40.1	120.3





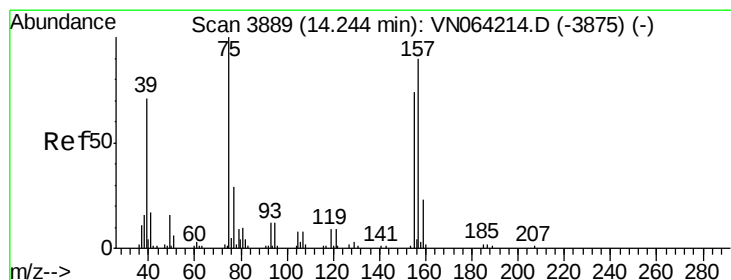
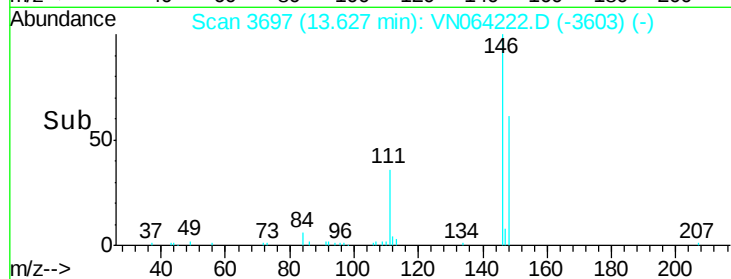
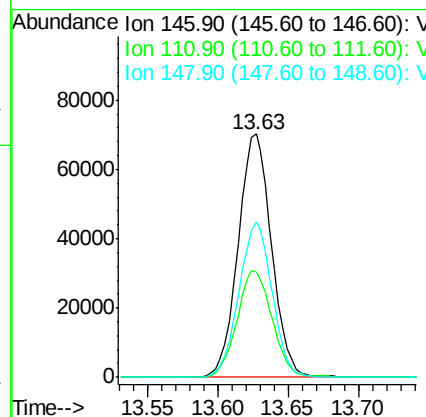
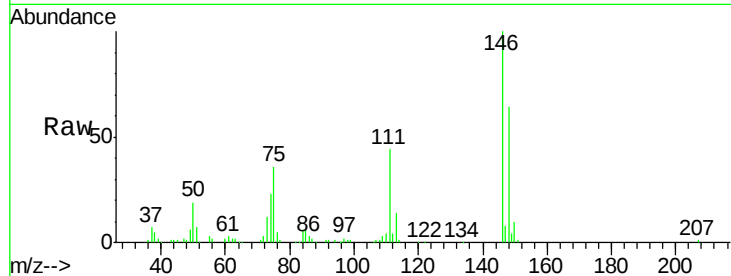
#91
 1,2-Dichlorobenzene
 Concen: 18.510 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064222.D
 Acq: 21 Oct 2020 15:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1021WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	45.8	22.9	68.7
148	63.2	31.9	95.5

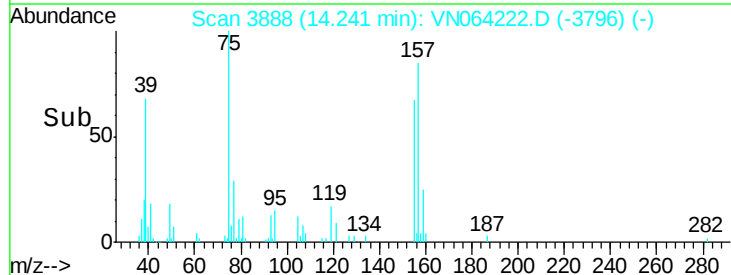
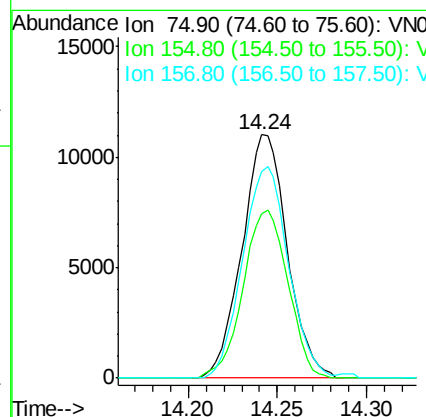
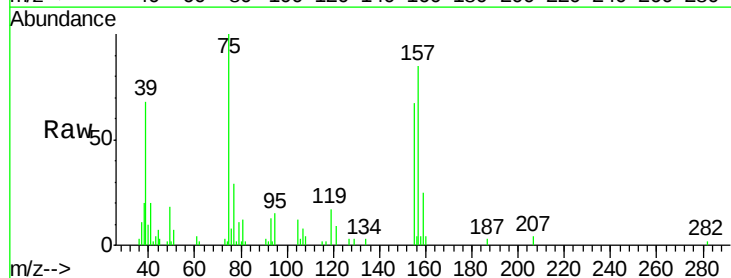
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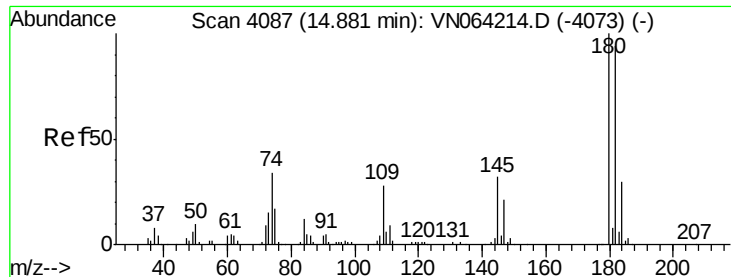
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.231 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN064222.D
 Acq: 21 Oct 2020 15:29

Tgt Ion	Ratio	Lower	Upper
75	100		
155	68.4	36.9	110.7
157	88.3	44.6	133.8





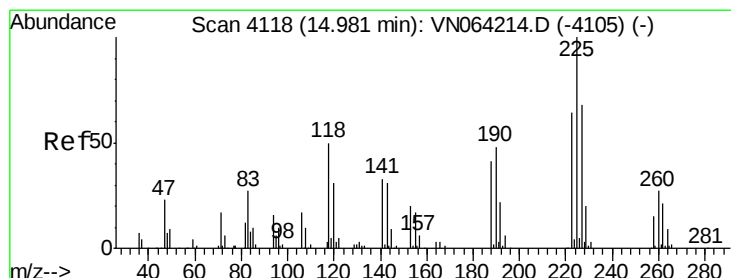
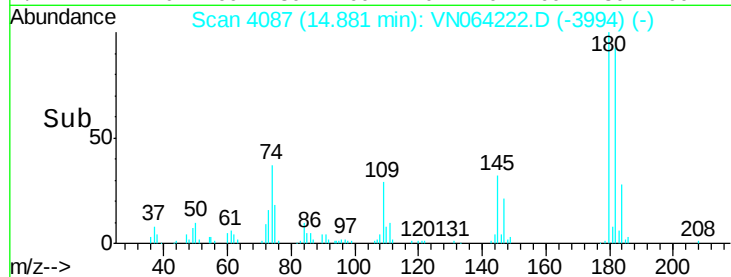
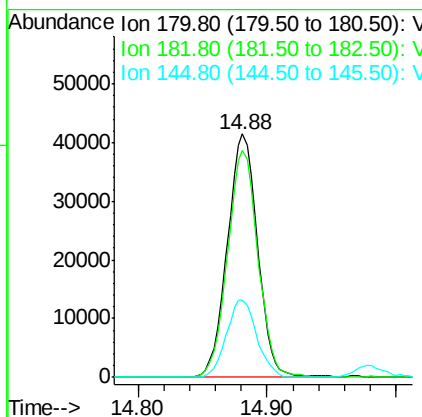
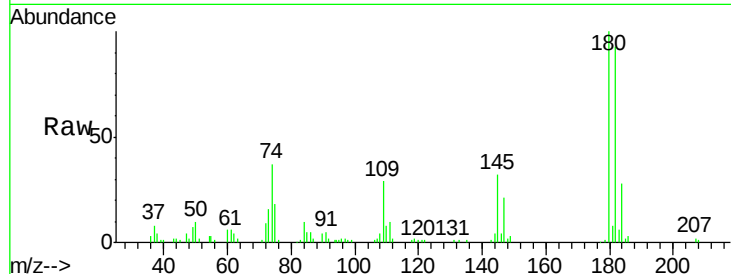
#93
1,2,4-Trichlorobenzene
Concen: 19.077 ug/l
RT: 14.88 min Scan# 4087
Delta R.T. -0.00 min
Lab File: VN064222.D
Acq: 21 Oct 2020 15:29

Instrument :
MSVOA_N
ClientSampleId :
VN1021WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.5	46.9	140.7
145	31.7	16.1	48.3

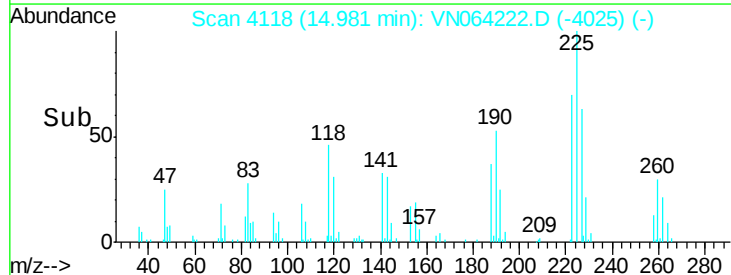
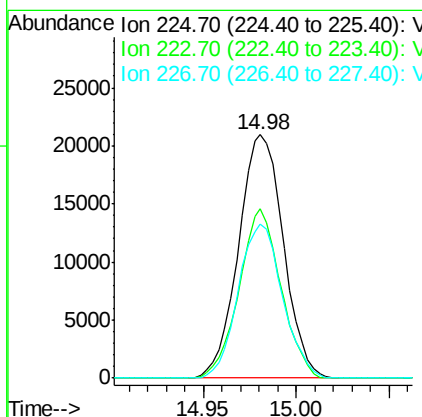
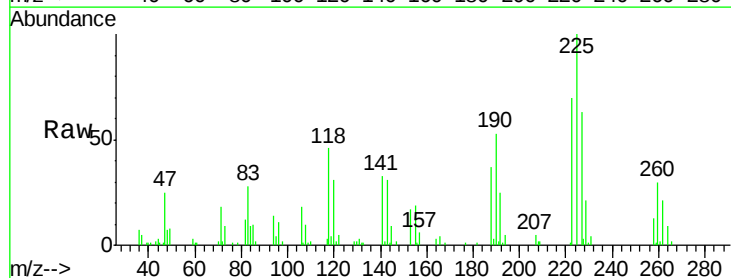
Manual Integrations
APPROVED

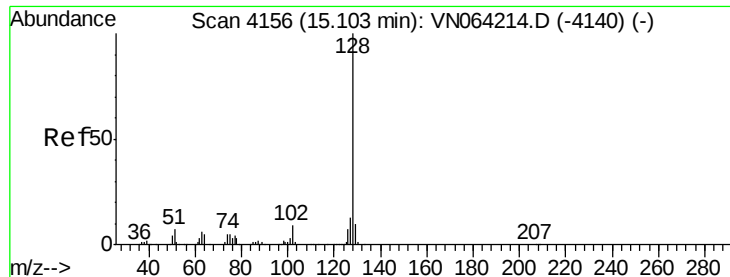
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#94
Hexachlorobutadiene
Concen: 18.496 ug/l
RT: 14.98 min Scan# 4118
Delta R.T. -0.00 min
Lab File: VN064222.D
Acq: 21 Oct 2020 15:29

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.8	31.5	94.5
227	62.4	32.1	96.5





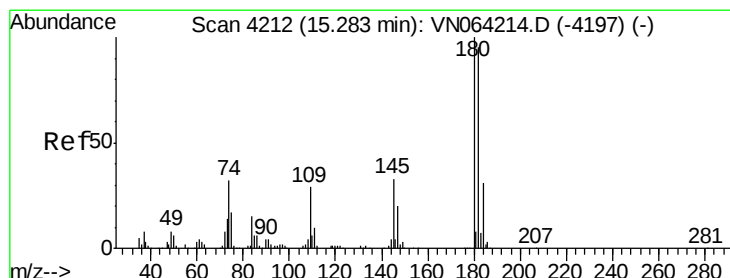
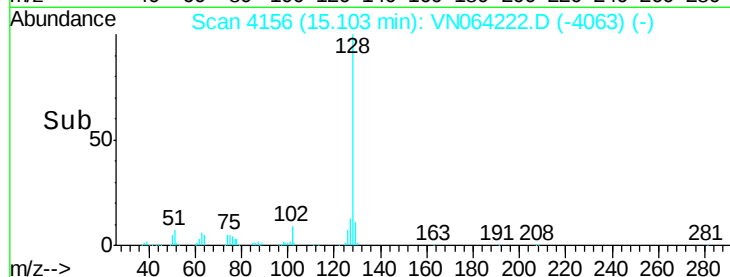
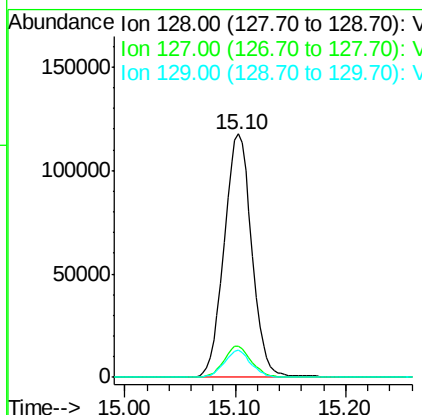
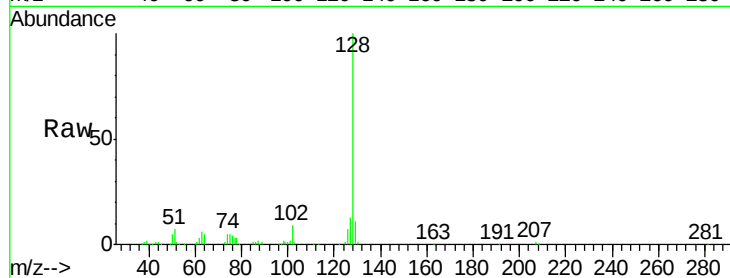
#95
Naphthalene
Concen: 19.342 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. -0.00 min
Lab File: VN064222.D
Acq: 21 Oct 2020 15:29

Instrument :
MSVOA_N
ClientSampleId :
VN1021WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.5	15.7
129	10.7	8.6	12.8

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 18.461 ug/l
RT: 15.28 min Scan# 4211
Delta R.T. -0.00 min
Lab File: VN064222.D
Acq: 21 Oct 2020 15:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	48.0	144.2
145	34.6	17.1	51.3

