

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102220\
 Data File : VN064268.D
 Acq On : 22 Oct 2020 22:26
 Operator : JC/MD
 Sample : VN1022WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1022WBS02

Manual Integrations
 APPROVED

MMDadoda
 10/23/2020 3:36:20 PM

Quant Time: Oct 23 03:27:17 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	7.62	168	251836	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	413286	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	378230	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	176751	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	197006	52.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.36%	
35) Dibromofluoromethane	7.55	113	135570	49.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.68%	
50) Toluene-d8	10.06	98	488487	49.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.02%	
62) 4-Bromofluorobenzene	12.38	95	195877	48.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	59222	19.732	ug/l	97
3) Chloromethane	2.04	50	59815	20.550	ug/l	97
4) Vinyl Chloride	2.16	62	57944	20.080	ug/l	99
5) Bromomethane	2.53	94	37443	19.906	ug/l	97
6) Chloroethane	2.68	64	32719	18.625	ug/l	95
7) Trichlorofluoromethane	2.99	101	100909	21.264	ug/l	100
8) Diethyl Ether	3.38	74	32452	20.673	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.72	101	47650	19.418	ug/l	98
10) Methyl Iodide	3.91	142	63701	18.255	ug/l	100
11) Tert butyl alcohol	4.73	59	49559	98.993	ug/l #	87
12) 1,1-Dichloroethene	3.70	96	44741	18.956	ug/l	97
13) Acrolein	3.57	56	25594	81.442	ug/l	96
14) Allyl chloride	4.28	41	92760	19.636	ug/l	99
15) Acrylonitrile	4.93	53	106778	103.146	ug/l	95
16) Acetone	3.78	43	109725	102.538	ug/l	98
17) Carbon Disulfide	4.01	76	131667	19.557	ug/l	99
18) Methyl Acetate	4.28	43	56508	20.723	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	163085	20.098	ug/l	97
20) Methylene Chloride	4.50	84	54393	19.062	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	50994	19.593	ug/l	91
22) Diisopropyl ether	5.90	45	172752	19.672	ug/l	94
23) Vinyl Acetate	5.85	43	771762	98.545	ug/l	99
24) 1,1-Dichloroethane	5.80	63	104305	20.503	ug/l	98
25) 2-Butanone	6.78	43	166789	98.104	ug/l	97
26) 2,2-Dichloropropane	6.78	77	88705	17.515	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	58181	19.195	ug/l	97
28) Bromochloromethane	7.15	49	43341	17.933	ug/l	96
29) Tetrahydrofuran	7.16	42	103877	102.143	ug/l	100
30) Chloroform	7.33	83	110121	20.293	ug/l	99
31) Cyclohexane	7.61	56	82792	18.674	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	101798	20.025	ug/l	98
36) 1,1-Dichloropropene	7.75	75	78108	18.957	ug/l	98
37) Ethyl Acetate	6.88	43	73512	19.651	ug/l	99
38) Carbon Tetrachloride	7.73	117	91370	19.491	ug/l	99

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MMDadoda
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Quant Time: Oct 23 03:27:17 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)
39) Methylcyclohexane	9.05	83	69961	18.674	ug/l	95
40) Benzene	8.00	78	216720	19.055	ug/l	100
41) Methacrylonitrile	7.12	41	37614	19.168	ug/l	95
42) 1,2-Dichloroethane	8.09	62	95538	19.608	ug/l	99
43) Isopropyl Acetate	8.13	43	132829	19.052	ug/l #	91
44) Trichloroethene	8.80	130	60097	19.390	ug/l	99
45) 1,2-Dichloropropane	9.08	63	60311	19.863	ug/l	94
46) Dibromomethane	9.17	93	40451	19.840	ug/l	96
47) Bromodichloromethane	9.37	83	88643	19.679	ug/l	97
48) Methyl methacrylate	9.17	41	68119	18.704	ug/l	96
49) 1,4-Dioxane	9.16	88	17444	409.361	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	377526	101.319	ug/l	98
52) Toluene	10.12	92	141875	19.495	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	97716	19.528	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	98950	18.781	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	53721	19.545	ug/l	95
56) Ethyl methacrylate	10.40	69	83805	19.719	ug/l	98
57) 1,3-Dichloropropane	10.68	76	93582	19.601	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	207633	94.876	ug/l	100
59) 2-Hexanone	10.72	43	268210	98.563	ug/l	99
60) Dibromochloromethane	10.87	129	65675	18.457	ug/l	99
61) 1,2-Dibromoethane	10.98	107	55973	19.298	ug/l	96
64) Tetrachloroethene	10.60	164	59988	19.701	ug/l	93
65) Chlorobenzene	11.41	112	148088	18.915	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	59797	19.242	ug/l	99
67) Ethyl Benzene	11.48	91	274263	19.062	ug/l	98
68) m/p-Xylenes	11.59	106	197921	37.127	ug/l	97
69) o-Xylene	11.92	106	97906	18.990	ug/l	95
70) Styrene	11.94	104	161340	18.669	ug/l	97
71) Bromoform	12.10	173	45587	18.989	ug/l #	98
73) Isopropylbenzene	12.22	105	259915	19.280	ug/l	97
74) N-amyl acetate	12.04	43	111913	19.212	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	70528	19.715	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	70705m	18.975	ug/l	
77) Bromobenzene	12.50	156	61965	19.471	ug/l	96
78) n-propylbenzene	12.57	91	295184	19.421	ug/l	100
79) 2-Chlorotoluene	12.65	91	188173	20.156	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	223747	19.633	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.28	75	27615	18.711	ug/l	95
82) 4-Chlorotoluene	12.75	91	192216	19.738	ug/l	100
83) tert-Butylbenzene	12.97	119	178893	19.145	ug/l	97
84) 1,2,4-Trimethylbenzene	13.01	105	223278	19.684	ug/l	100
85) sec-Butylbenzene	13.14	105	227953	19.351	ug/l	98
86) p-Isopropyltoluene	13.26	119	213774	19.929	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	109740	19.379	ug/l	96
88) 1,4-Dichlorobenzene	13.34	146	110760	19.109	ug/l	97
89) n-Butylbenzene	13.59	91	183909	19.126	ug/l	99
90) Hexachloroethane	13.85	117	37924	19.521	ug/l	91
91) 1,2-Dichlorobenzene	13.63	146	107683	19.384	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	18881	21.156	ug/l	92

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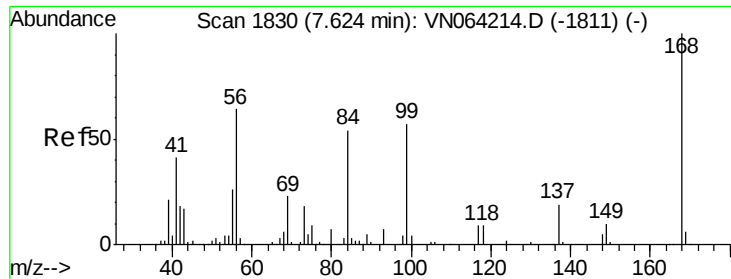
Manual Integrations
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 10/23/2020 3:36:20 PM

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102120W.M
 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	61093	19.607	ug/l	99
94) Hexachlorobutadiene	14.98	225	33117	19.706	ug/l	98
95) Naphthalene	15.10	128	179472	19.234	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	58716	19.027	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064268.D

Acq: 22 Oct 2020 22:26

Instrument :

MSVOA_N

ClientSampleId :

VN1022WBS02

Tot Ion:168 Resp: 251836

Ion Ratio Lower Upper

168 100

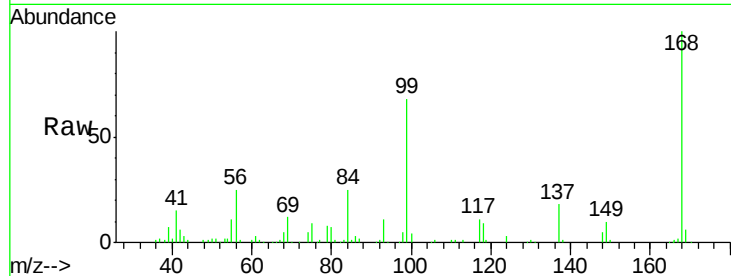
99 67.3 54.0 81.0

Manual Integrations

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10/23/2020 3:36:20 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

120000

100000

80000

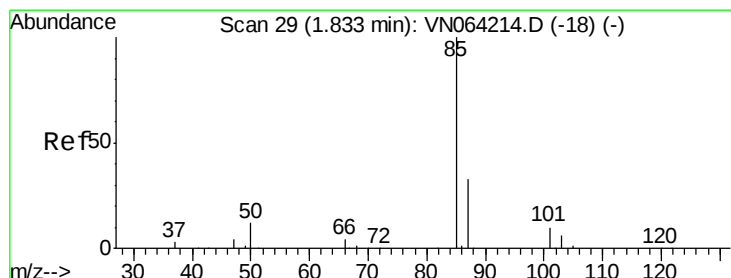
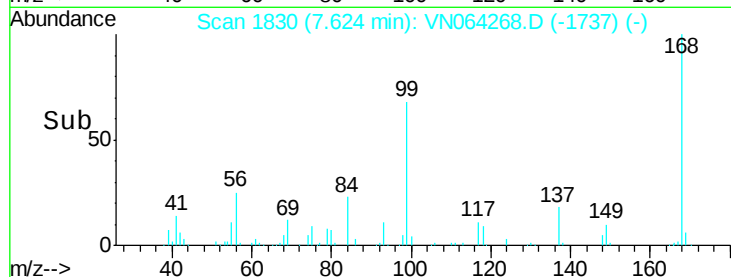
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 19.732 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064268.D

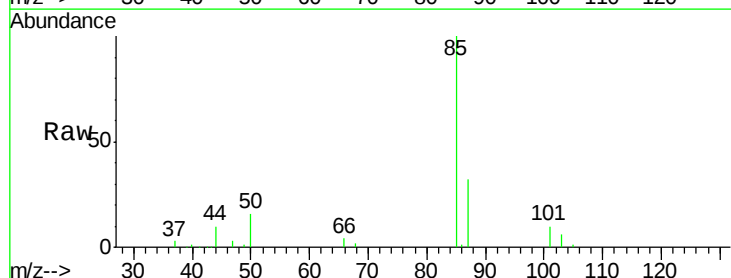
Acq: 22 Oct 2020 22:26

Tgt Ion: 85 Resp: 59222

Ion Ratio Lower Upper

85 100

87 31.6 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

50000

40000

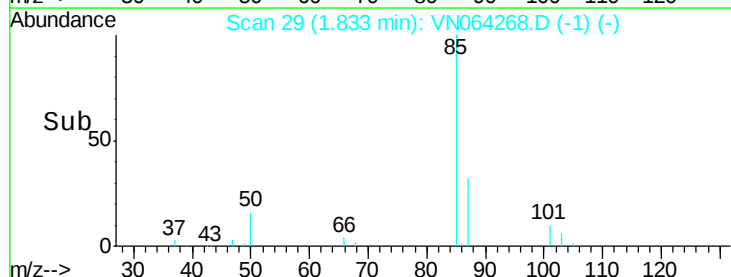
30000

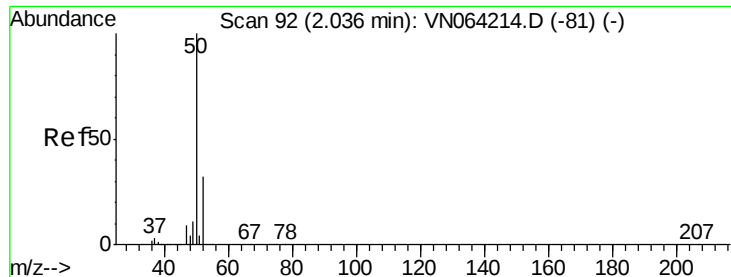
20000

10000

0

Time--> 1.80 1.85 1.90





#3

Chloromethane

Concen: 20.550 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN064268.D

Acq: 22 Oct 2020 22:26

Instrument :

MSVOA_N

ClientSampleId :

VN1022WBS02

Tot Ion: 50 Resp: 59815

Ion Ratio Lower Upper

50 100

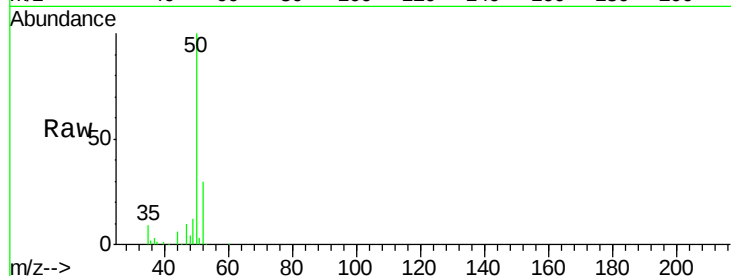
52 29.8 25.3 37.9

Manual Integrations

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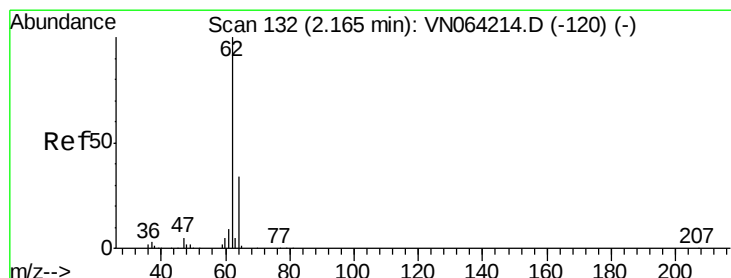
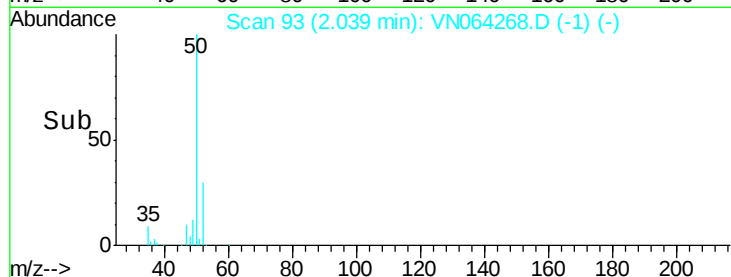
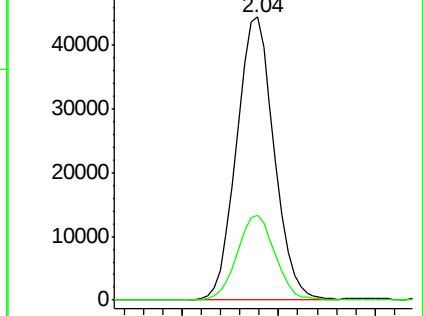
MMDadoda

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Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 20.080 ug/l

RT: 2.16 min Scan# 132

Delta R.T. -0.00 min

Lab File: VN064268.D

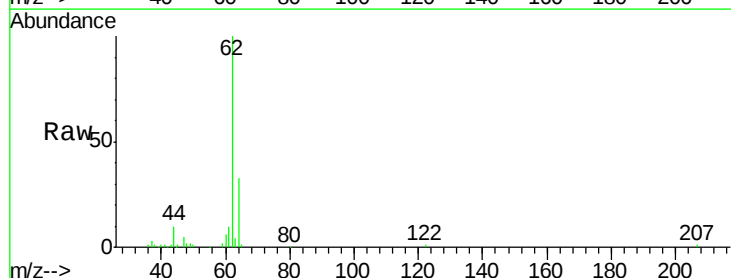
Acq: 22 Oct 2020 22:26

Tgt Ion: 62 Resp: 57944

Ion Ratio Lower Upper

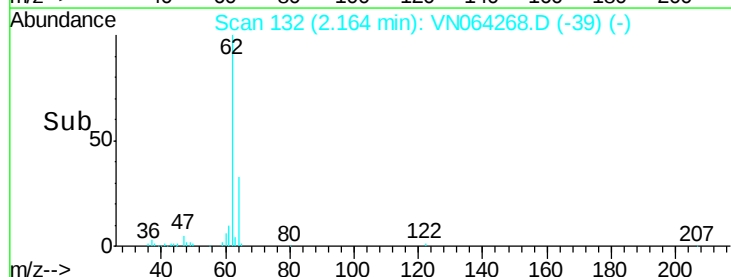
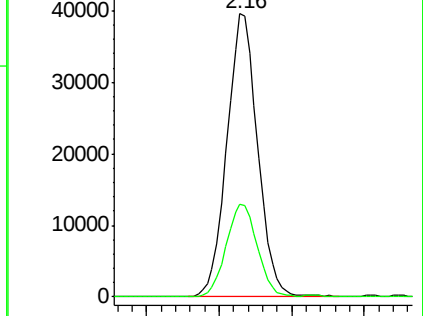
62 100

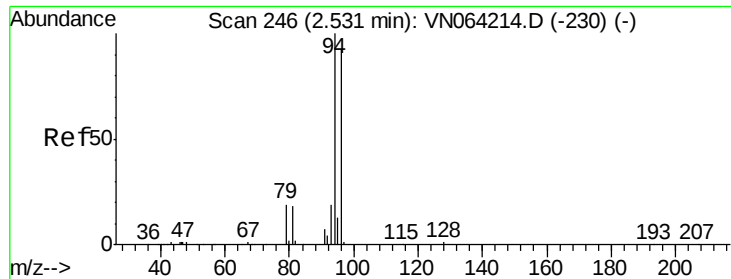
64 32.9 26.8 40.2



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 19.906 ug/l

RT: 2.53 min Scan# 247

Delta R.T. 0.00 min

Lab File: VN064268.D

Acq: 22 Oct 2020 22:26

Instrument :

MSVOA_N

ClientSampleId :

VN1022WBS02

Tot Ion: 94 Resp: 37443

Ion Ratio Lower Upper

94 100

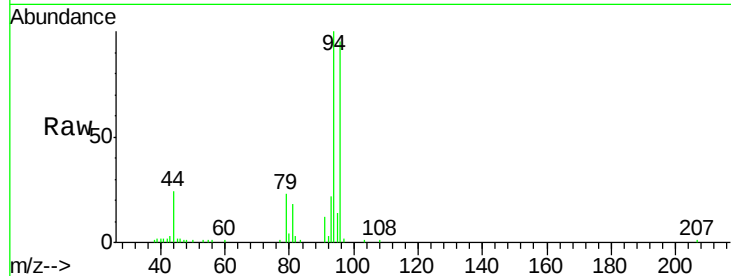
96 95.2 74.2 111.4

Manual Integrations

APPROVED

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10/23/2020 3:36:20 PM



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

20000

15000

10000

5000

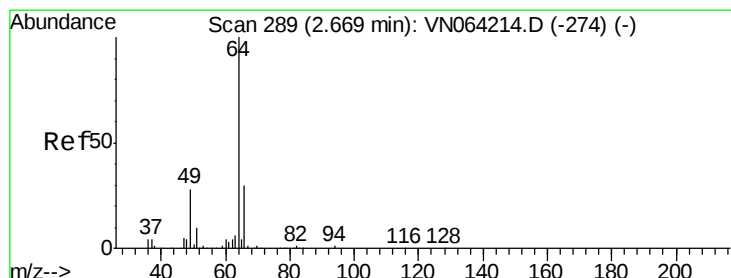
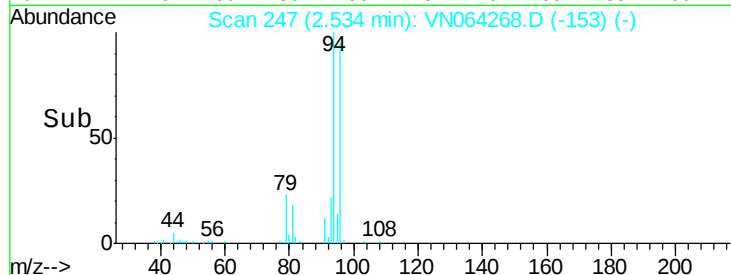
0

Time-->

2.50

2.53

2.60



#6

Chloroethane

Concen: 18.625 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.01 min

Lab File: VN064268.D

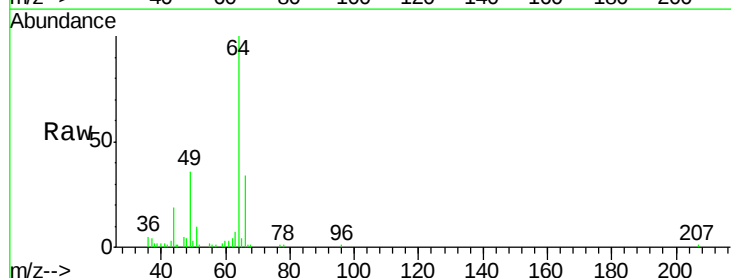
Acq: 22 Oct 2020 22:26

Tgt Ion: 64 Resp: 32719

Ion Ratio Lower Upper

64 100

66 33.5 24.5 36.7



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

20000

15000

10000

5000

0

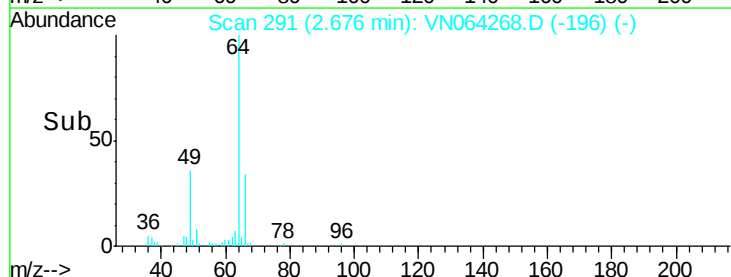
Time-->

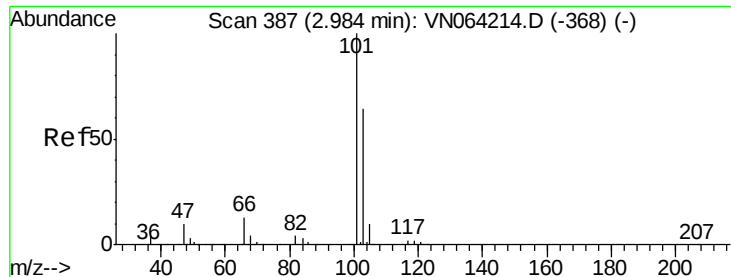
2.60

2.65

2.68

2.75





#7

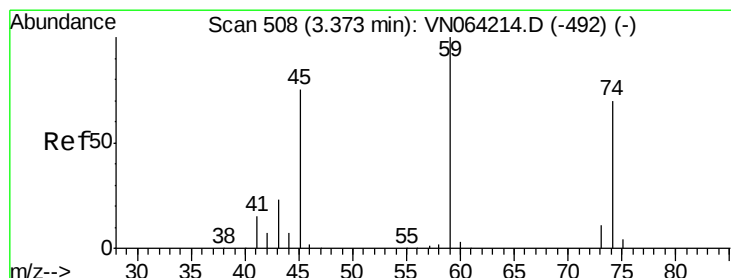
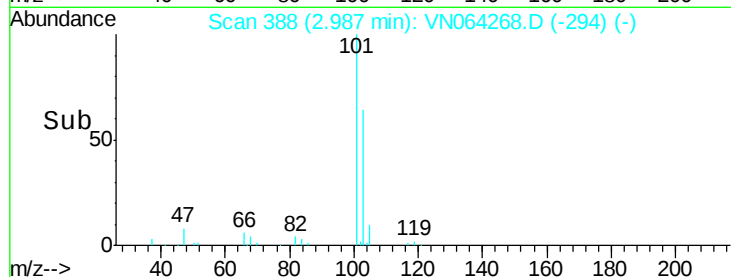
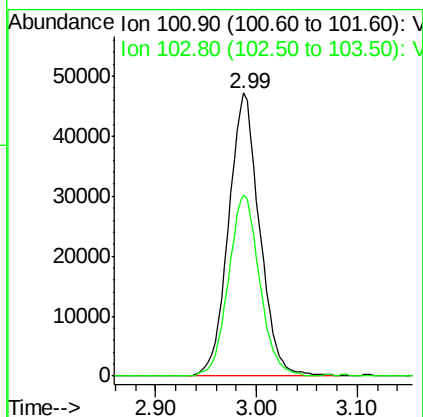
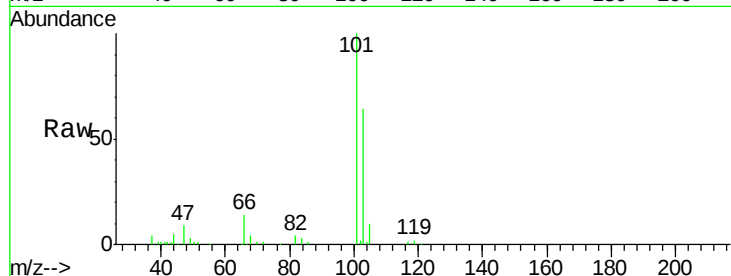
Trichlorofluoromethane
Concen: 21.264 ug/l
RT: 2.99 min Scan# 388
Delta R.T. 0.00 min
Lab File: VN064268.D
Acq: 22 Oct 2020 22:26

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ClientSampleId :
VN1022WBS02

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.1	51.0	76.6

Manual Integrations
APPROVED

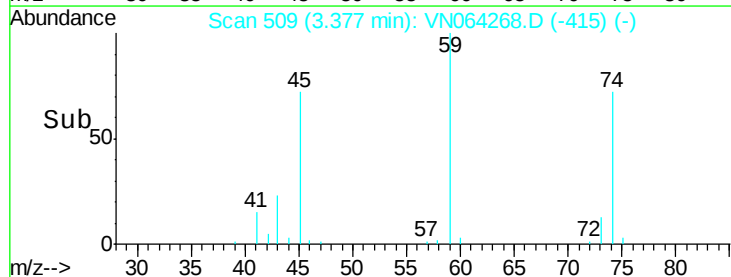
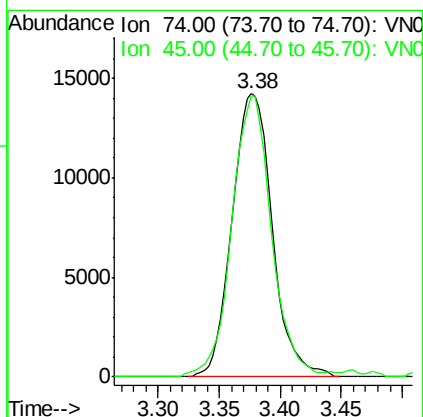
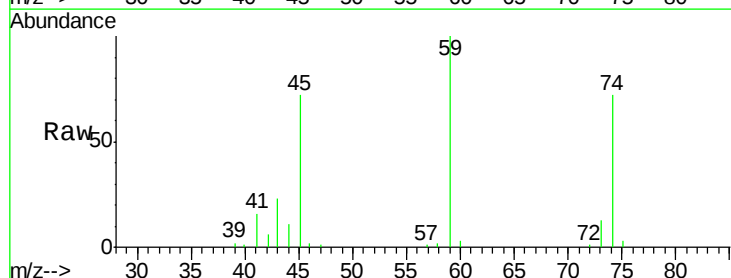
MMDadoda
10/23/2020 3:36:20 PM

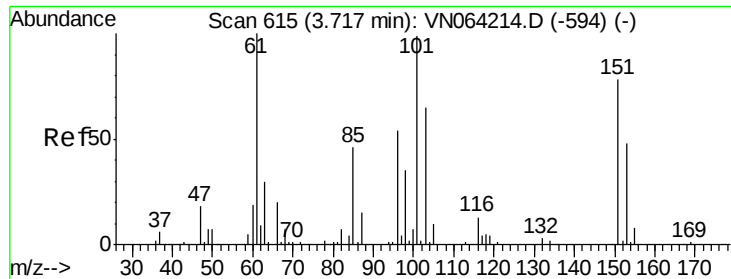


#8

Diethyl Ether
Concen: 20.673 ug/l
RT: 3.38 min Scan# 509
Delta R.T. 0.00 min
Lab File: VN064268.D
Acq: 22 Oct 2020 22:26

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.8	51.3	154.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.418 ug/l

RT: 3.72 min Scan# 615

Delta R.T. -0.00 min

Lab File: VN064268.D

Acq: 22 Oct 2020 22:26

Instrument :

MSVOA_N

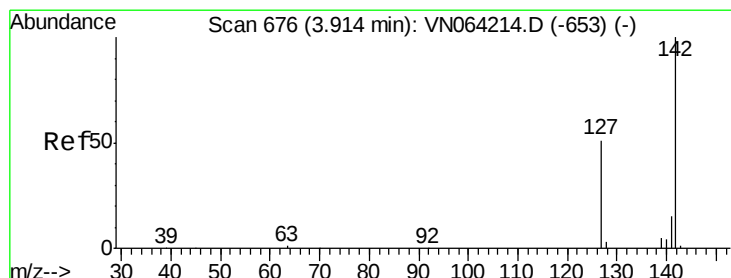
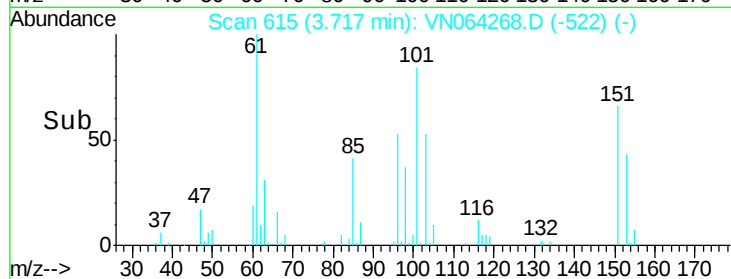
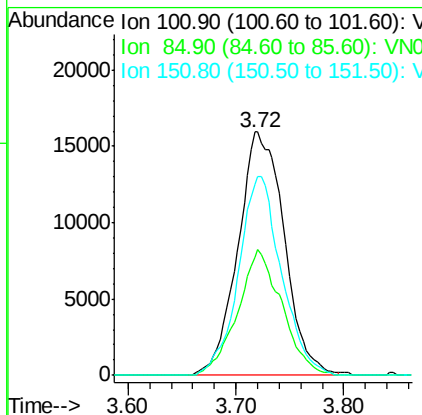
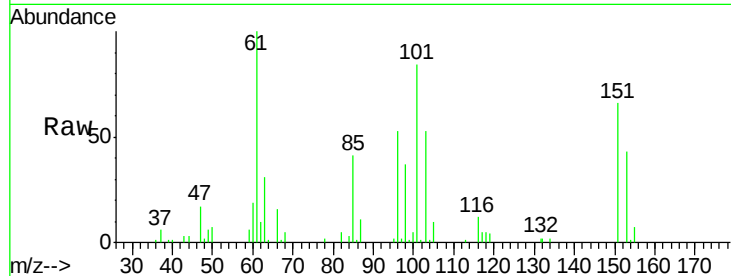
ClientSampleId :

VN1022WBS02

Tot Ion:	101	Resp:	47650
Ion Ratio	Lower	Upper	
101	100		
85	49.1	37.8	56.8
151	75.6	61.4	92.2

Manual Integrations
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#10

Methyl Iodide

Concen: 18.255 ug/l

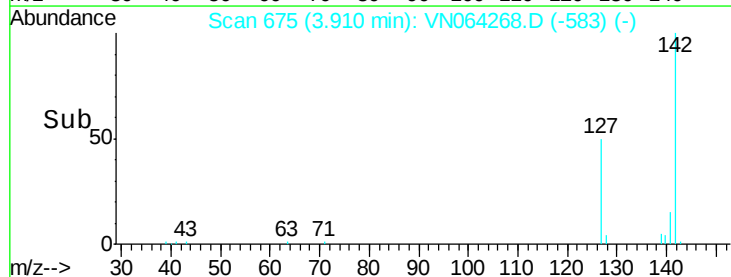
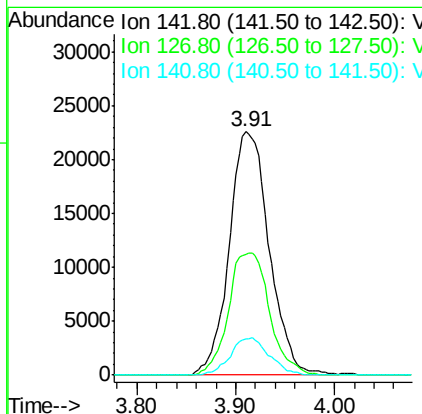
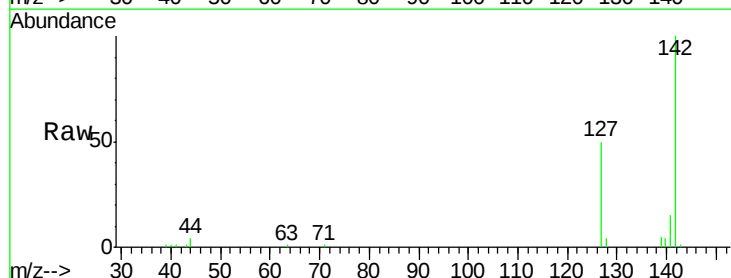
RT: 3.91 min Scan# 675

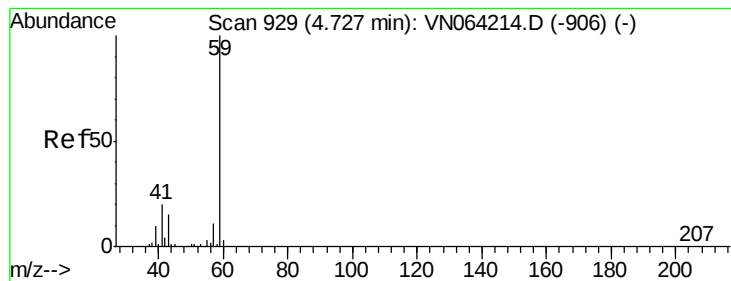
Delta R.T. -0.00 min

Lab File: VN064268.D

Acq: 22 Oct 2020 22:26

Tgt Ion:	142	Resp:	63701
Ion Ratio	Lower	Upper	
142	100		
127	51.3	41.0	61.6
141	14.9	11.3	16.9





#11

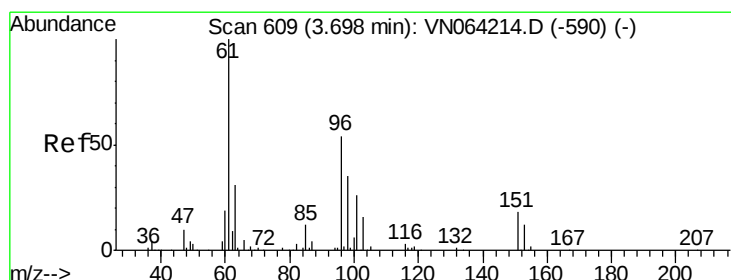
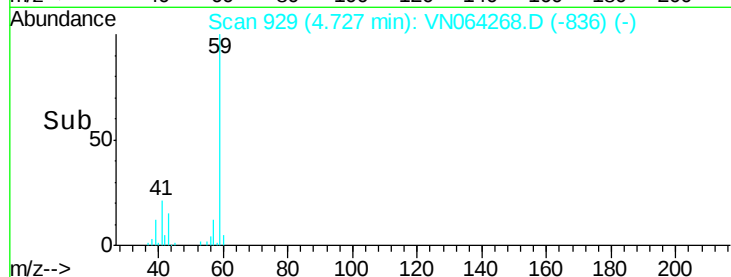
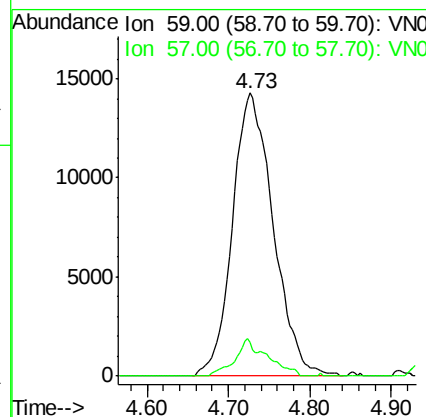
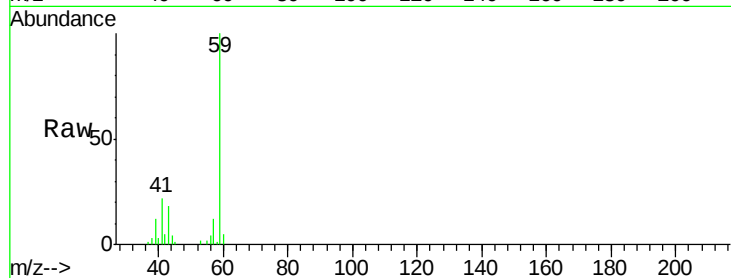
Tert butyl alcohol
Concen: 98.993 ug/l
RT: 4.73 min Scan# 929
Delta R.T. -0.00 min
Lab File: VN064268.D
Acq: 22 Oct 2020 22:26

Instrument :
MSVOA_N
ClientSampleId :
VN1022WBS02

Tot Ion	Ratio	Lower	Upper
59	100		
57	6.6	9.2	13.8#

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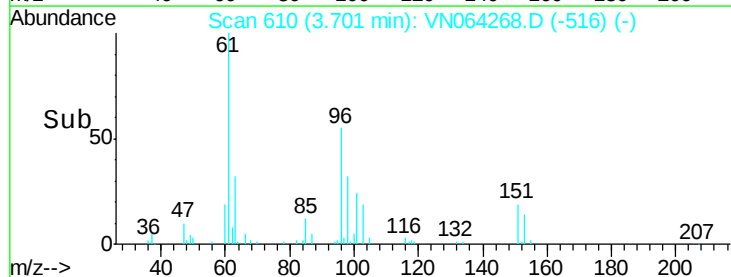
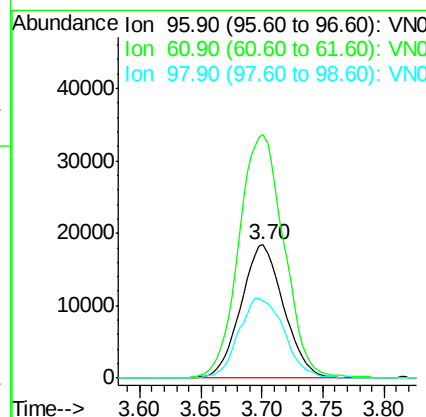
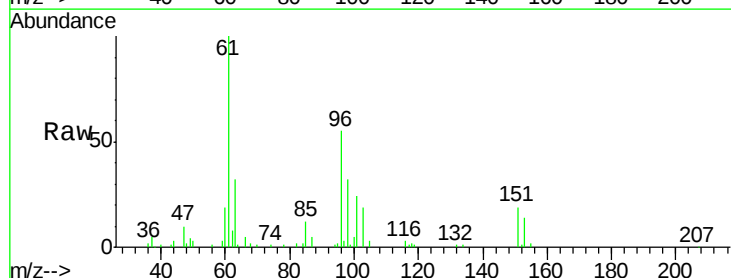
MMDadoda
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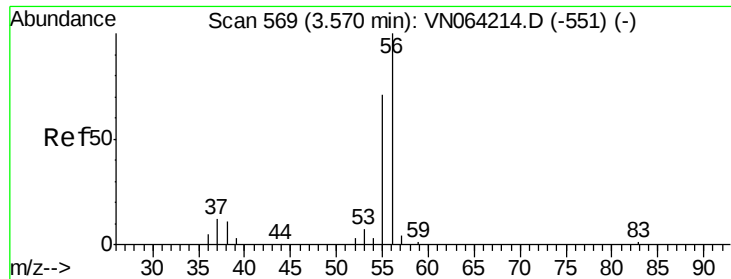


#12

1,1-Dichloroethene
Concen: 18.956 ug/l
RT: 3.70 min Scan# 610
Delta R.T. 0.00 min
Lab File: VN064268.D
Acq: 22 Oct 2020 22:26

Tgt Ion	Ratio	Lower	Upper
96	100		
61	181.8	147.0	220.4
98	58.3	51.7	77.5





#13

Acrolein

Concen: 81.442 ug/l

RT: 3.57 min Scan# 569

Delta R.T. -0.00 min

Lab File: VN064268.D

Acq: 22 Oct 2020 22:26

Instrument :

MSVOA_N

ClientSampleId :

VN1022WBS02

Tot Ion: 56 Resp: 25594

Ion Ratio Lower Upper

56 100

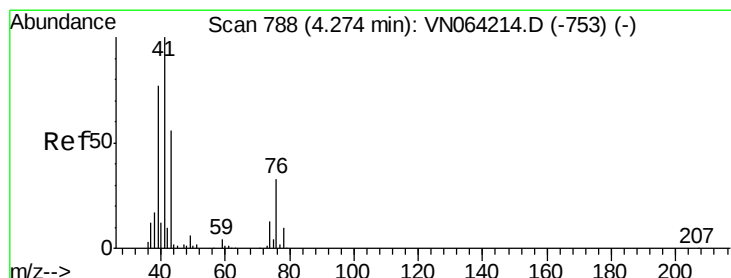
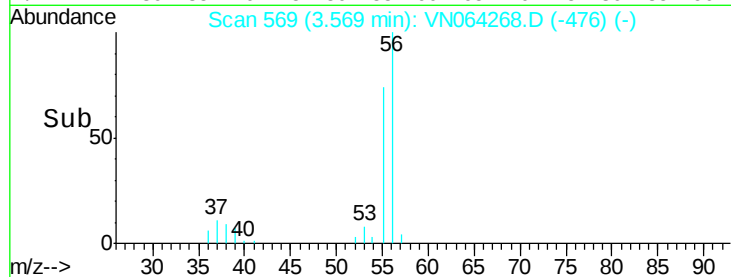
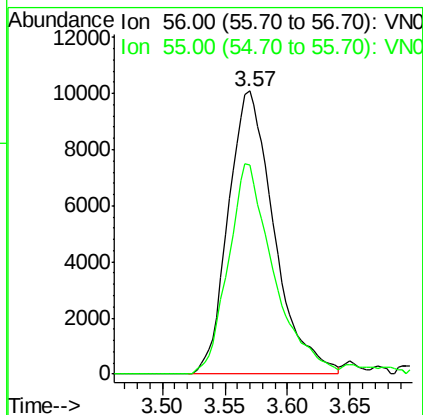
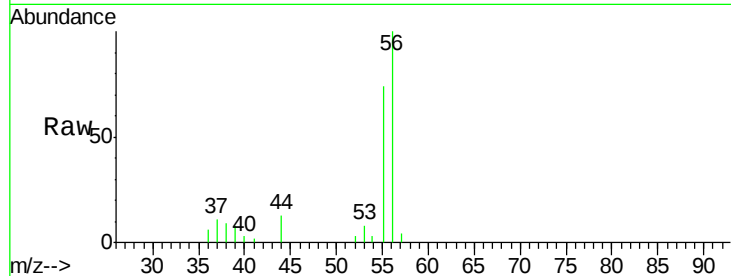
55 73.4 56.1 84.1

Manual Integrations

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#14

Allyl chloride

Concen: 19.636 ug/l

RT: 4.28 min Scan# 789

Delta R.T. 0.00 min

Lab File: VN064268.D

Acq: 22 Oct 2020 22:26

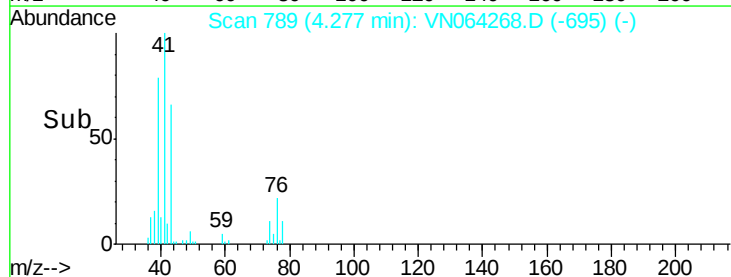
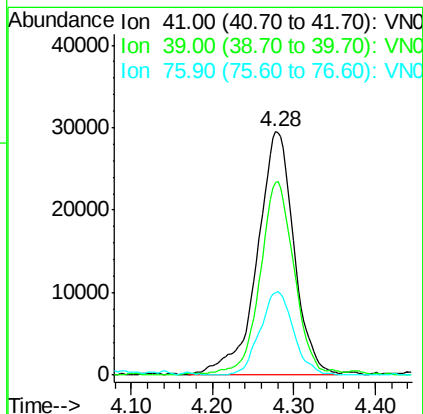
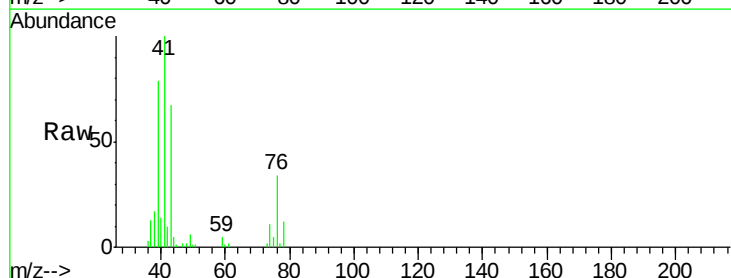
Tgt Ion: 41 Resp: 92760

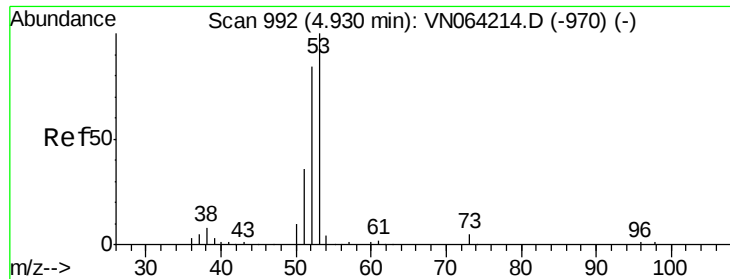
Ion Ratio Lower Upper

41 100

39 72.1 58.6 88.0

76 31.3 24.5 36.7





#15

Acrylonitrile

Concen: 103.146 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN064268.D

Acq: 22 Oct 2020 22:26

Instrument :

MSVOA_N

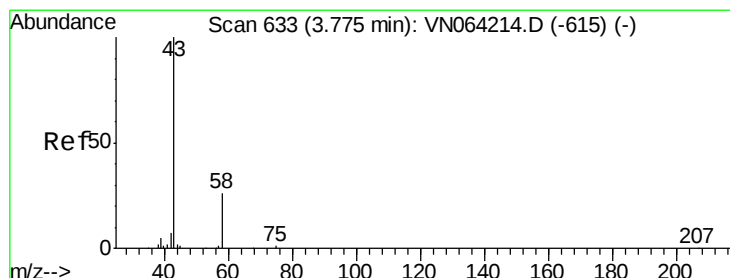
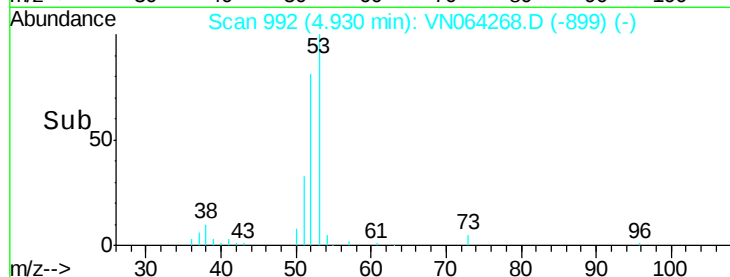
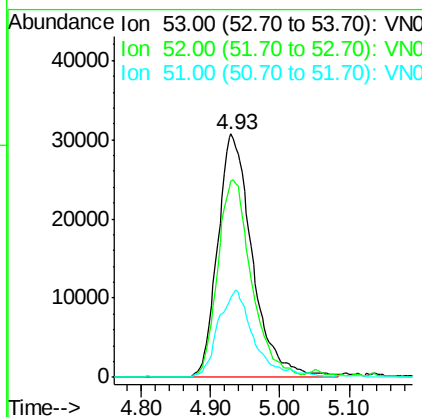
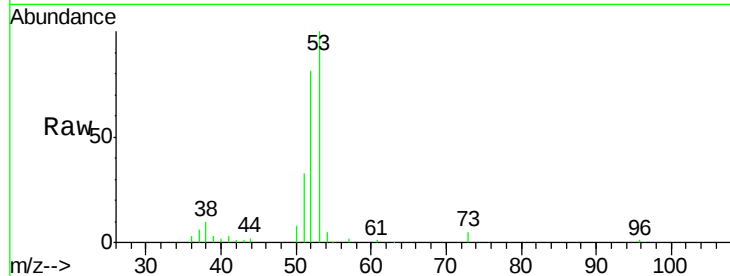
ClientSampleId :

VN1022WBS02

Tot Ion	Ion	Ratio	Lower	Upper
53	100			
52	78.9	66.8	100.2	
51	35.4	30.7	46.1	

Manual Integrations
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#16

Acetone

Concen: 102.538 ug/l

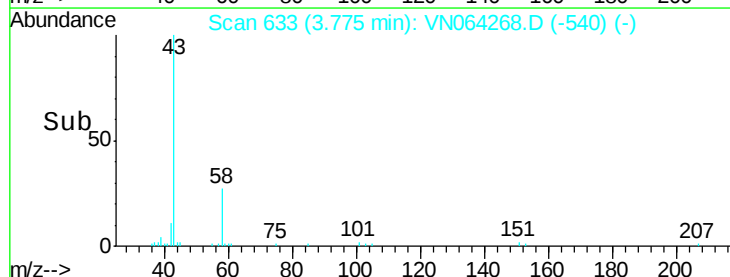
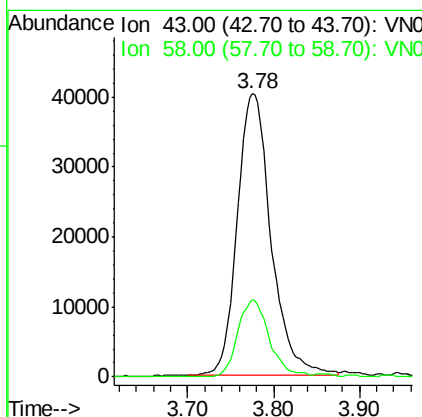
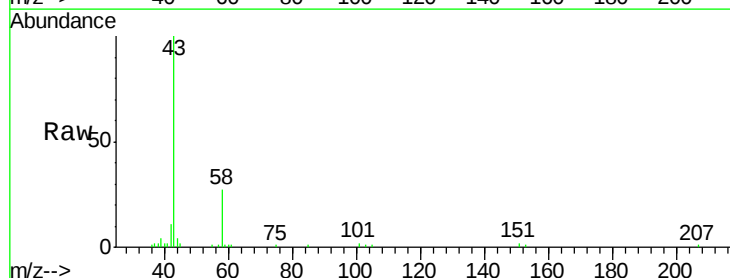
RT: 3.78 min Scan# 633

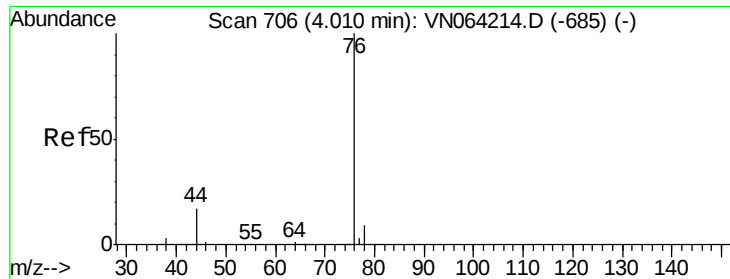
Delta R.T. -0.00 min

Lab File: VN064268.D

Acq: 22 Oct 2020 22:26

Tgt Ion	Ion	Ratio	Lower	Upper
43	100			
58	27.3	21.0	31.4	





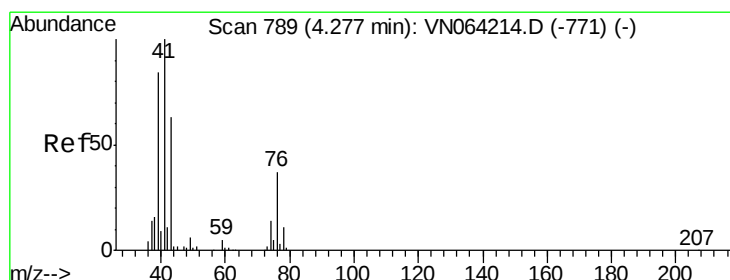
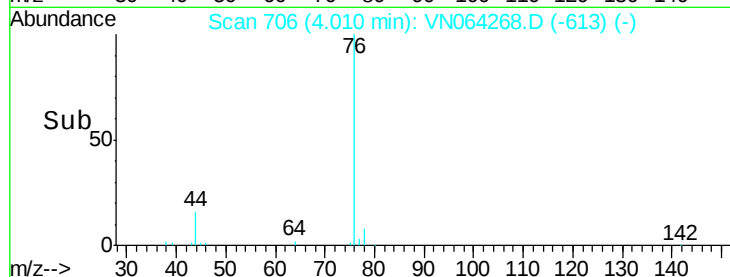
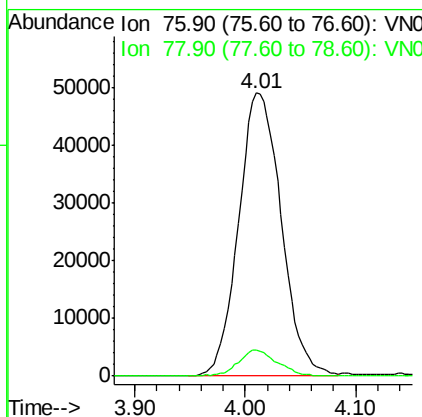
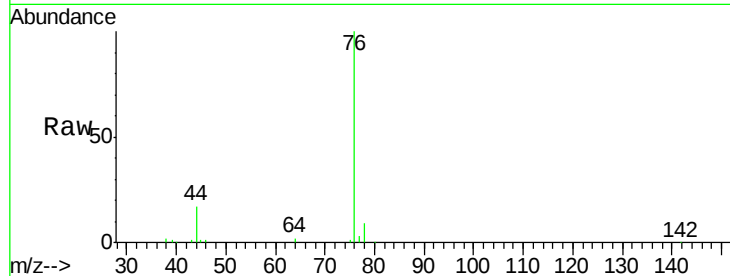
#17
Carbon Disulfide
Concen: 19.557 ug/l
RT: 4.01 min Scan# 706
Delta R.T. -0.00 min
Lab File: VN064268.D
Acq: 22 Oct 2020 22:26

Instrument :
MSVOA_N
ClientSampleId :
VN1022WBS02

Tot Ion: 76 Resp: 131667
Ion Ratio Lower Upper
76 100
78 9.2 7.1 10.7

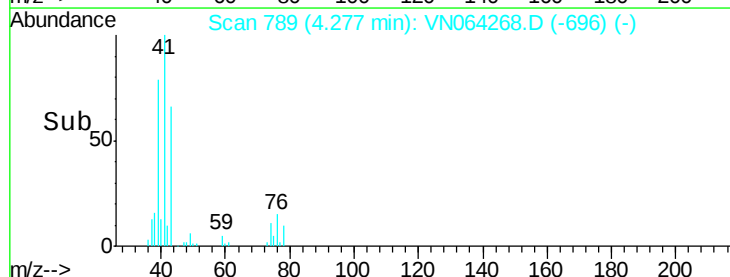
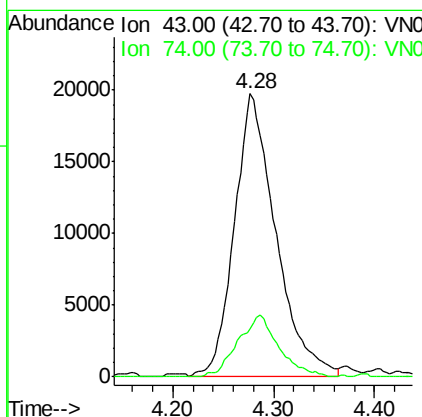
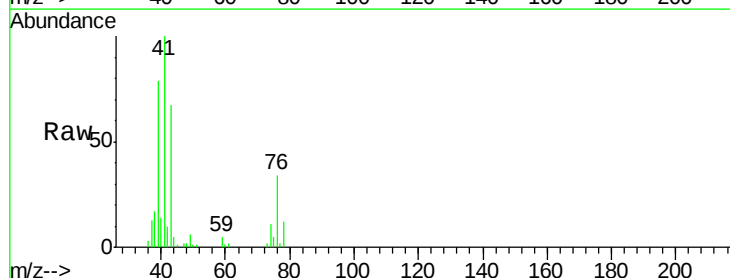
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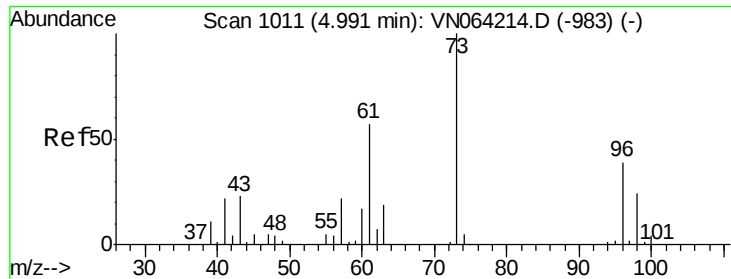
MMDadoda
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#18
Methyl Acetate
Concen: 20.723 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN064268.D
Acq: 22 Oct 2020 22:26

Tgt Ion: 43 Resp: 56508
Ion Ratio Lower Upper
43 100
74 21.5 17.9 26.9





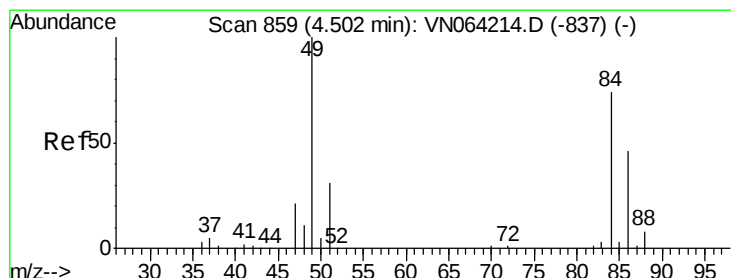
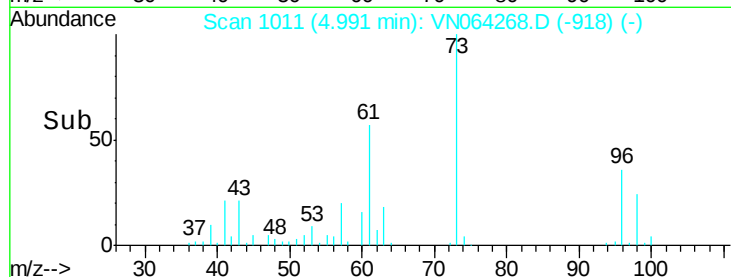
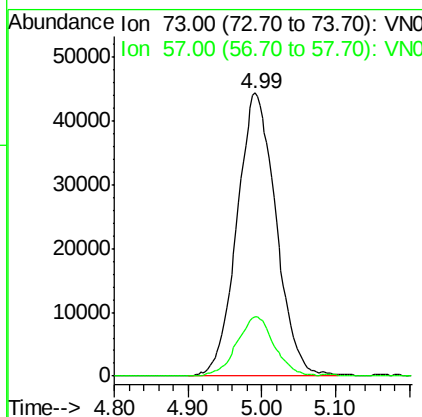
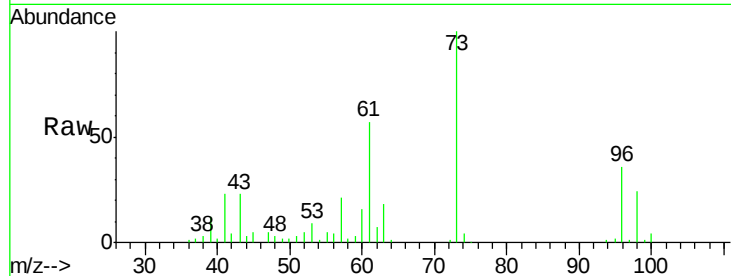
#19
Methvl tert-butvl Ether
Concen: 20.098 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VN064268.D
Acq: 22 Oct 2020 22:26

Instrument :
MSVOA_N
ClientSampleId :
VN1022WBS02

Tot Ion: 73 Resp: 163085
Ion Ratio Lower Upper
73 100
57 21.1 18.0 27.0

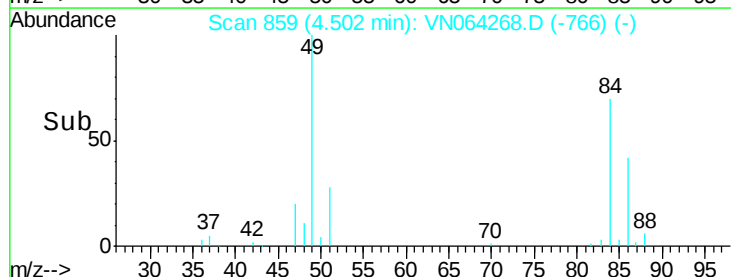
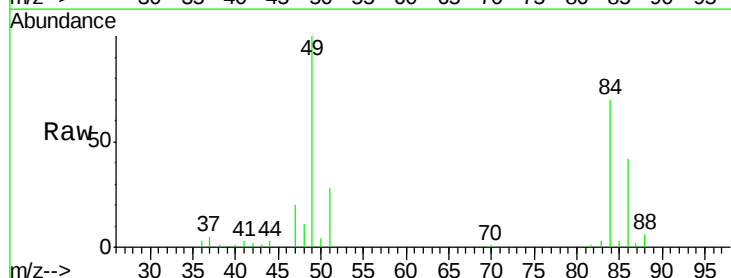
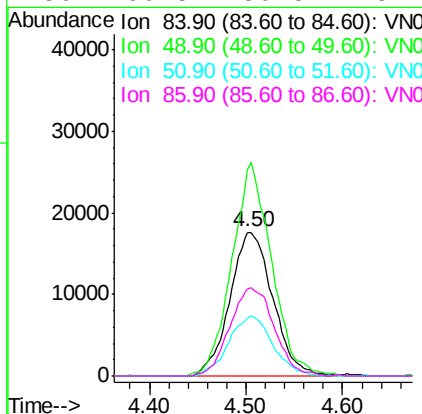
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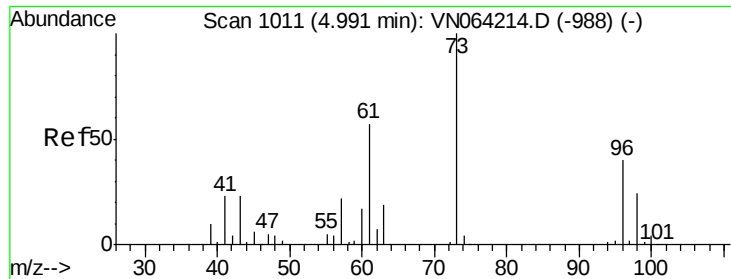
MMDadoda
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#20
Methylene Chloride
Concen: 19.062 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN064268.D
Acq: 22 Oct 2020 22:26

Tgt Ion: 84 Resp: 54393
Ion Ratio Lower Upper
84 100
49 142.7 108.5 162.7
51 40.3 33.8 50.8
86 60.5 50.5 75.7





#21

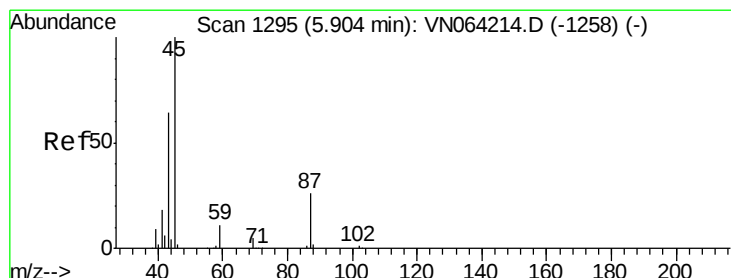
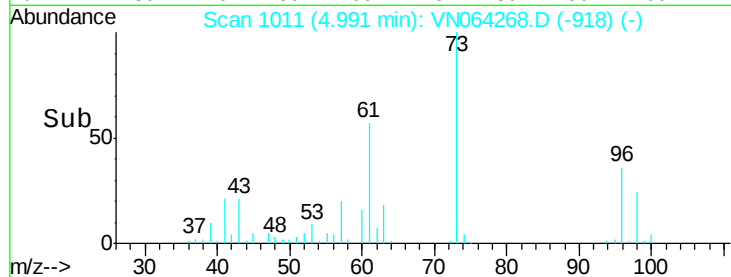
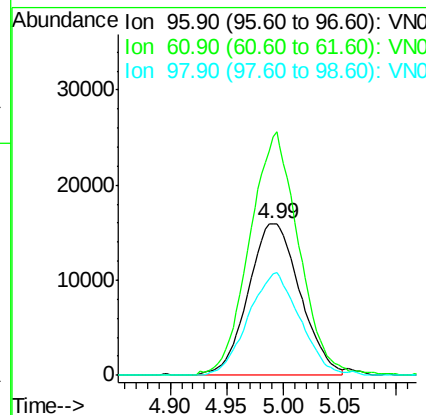
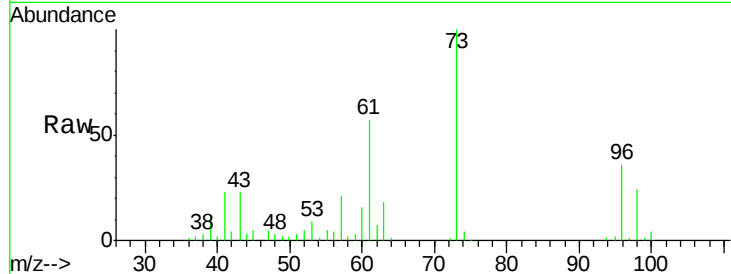
trans-1,2-Dichloroethene
Concen: 19.593 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VN064268.D
Acq: 22 Oct 2020 22:26

Instrument :
MSVOA_N
ClientSampleId :
VN1022WBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	157.1	115.8	173.6
98	66.8	49.4	74.0

Manual Integrations
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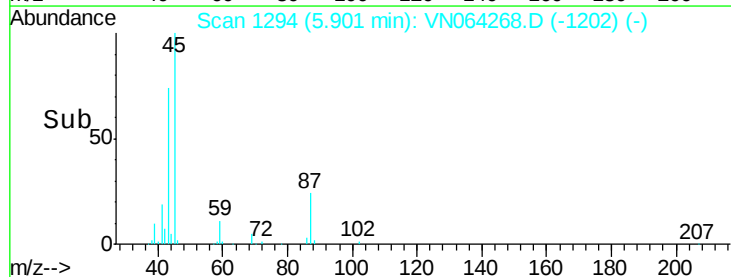
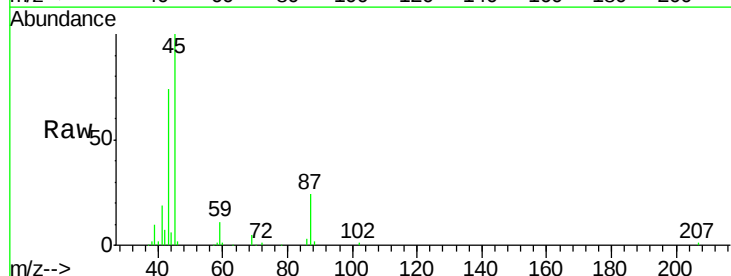
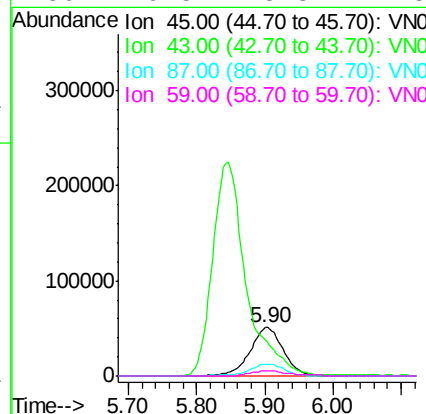
MMDadoda
10/23/2020 3:36:20 PM

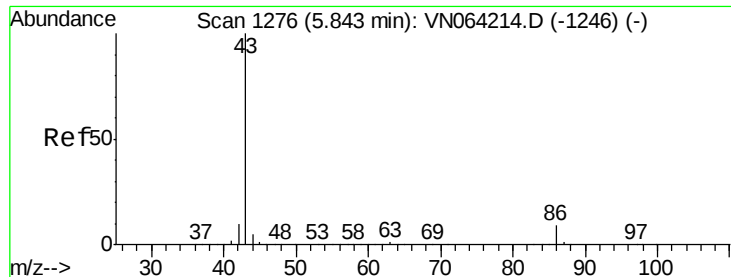


#22

Diisopropyl ether
Concen: 19.672 ug/l
RT: 5.90 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VN064268.D
Acq: 22 Oct 2020 22:26

Tgt Ion	Ratio	Lower	Upper
45	100		
43	71.2	52.2	78.4
87	24.4	21.4	32.0
59	10.5	8.3	12.5





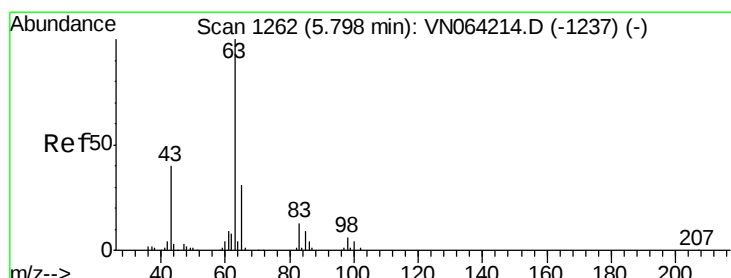
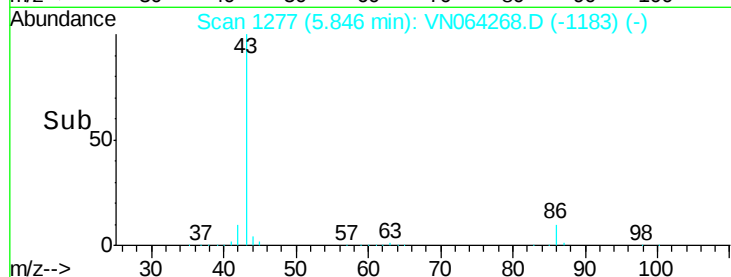
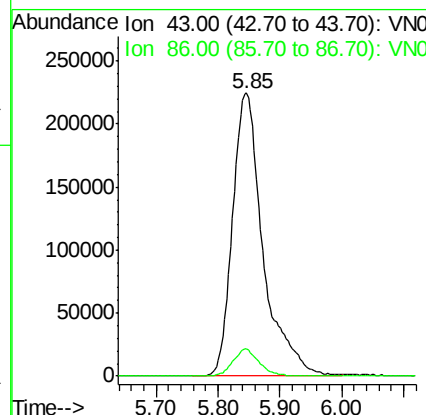
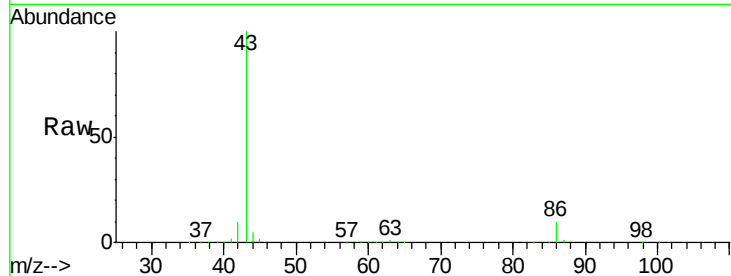
#23
 Vinyl Acetate
 Concen: 98.545 ug/l
 RT: 5.85 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VN064268.D
 Acq: 22 Oct 2020 22:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1022WBS02

Tot Ion	43	Resp	771762
Ion Ratio	100	Lower	Upper
43	100		
86	9.6	7.4	11.0

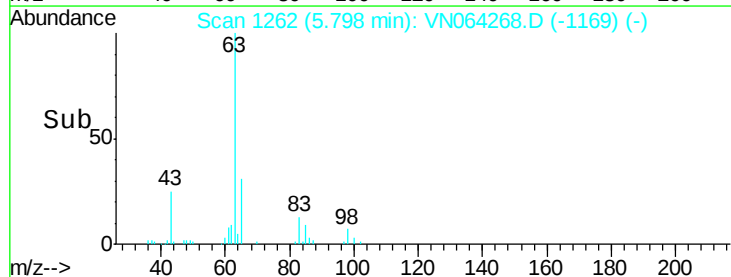
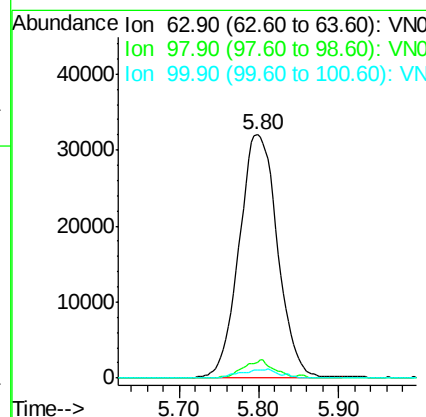
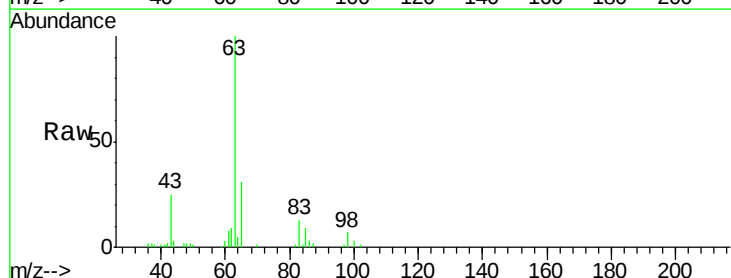
Manual Integrations
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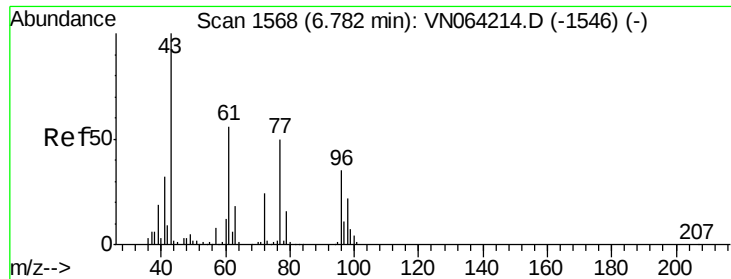
MMDadoda
 10/23/2020 3:36:20 PM



#24
 1,1-Dichloroethane
 Concen: 20.503 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. -0.00 min
 Lab File: VN064268.D
 Acq: 22 Oct 2020 22:26

Tgt Ion	63	Resp	104305
Ion Ratio	100	Lower	Upper
63	100		
98	6.6	2.9	8.7
100	3.5	2.0	6.0





#25

2-Butanone

Concen: 98.104 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.00 min

Lab File: VN064268.D

Acq: 22 Oct 2020 22:26

Instrument :

MSVOA_N

ClientSampleId :

VN1022WBS02

Tot Ion: 43 Resp: 166789

Ion Ratio Lower Upper

43 100

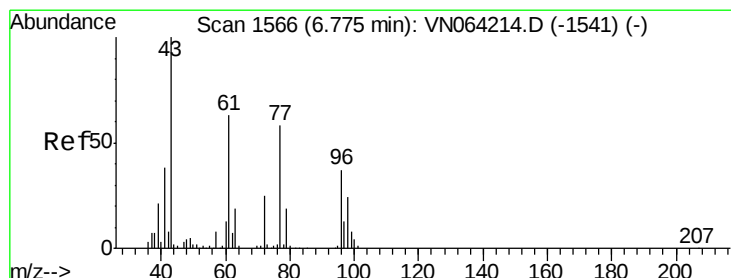
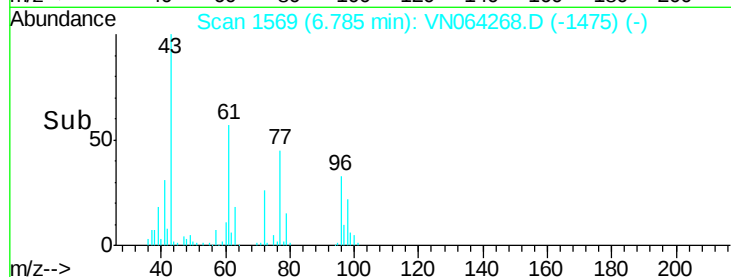
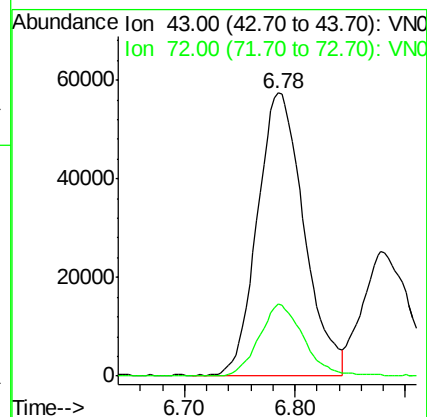
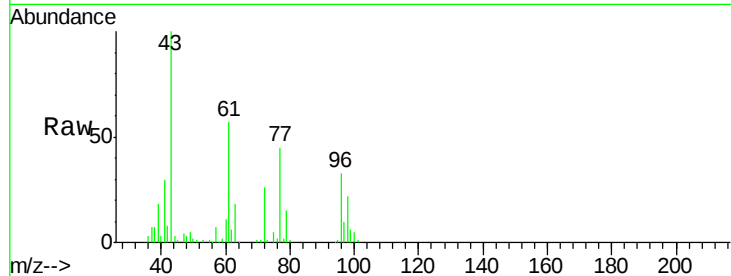
72 25.7 19.4 29.0

Manual Integrations

APPROVED

MMDadoda

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#26

2,2-Dichloropropane

Concen: 17.515 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VN064268.D

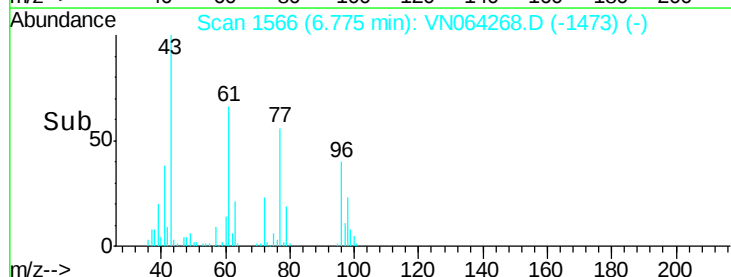
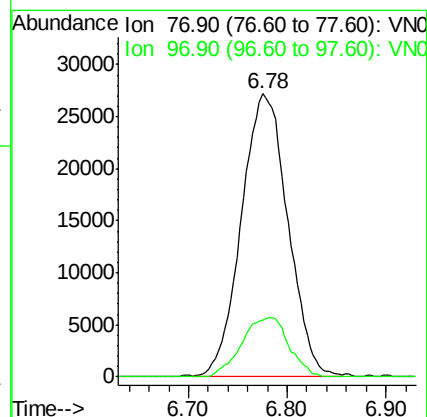
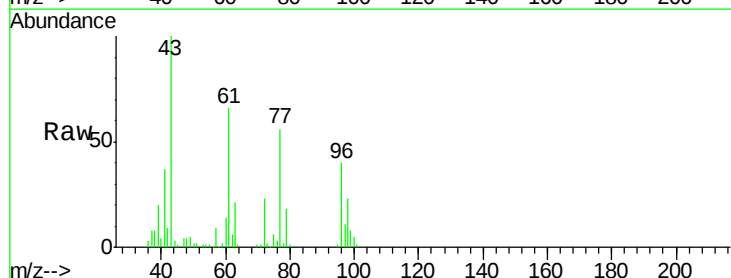
Acq: 22 Oct 2020 22:26

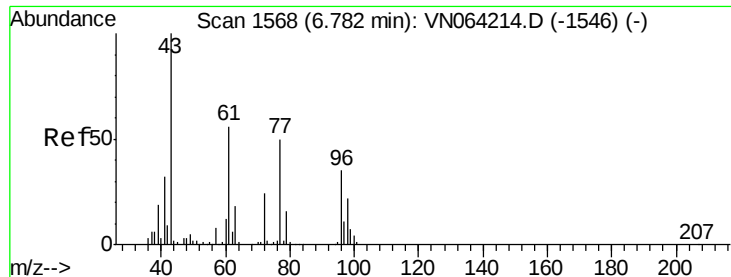
Tgt Ion: 77 Resp: 88705

Ion Ratio Lower Upper

77 100

97 21.3 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 19.195 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VN064268.D

Acq: 22 Oct 2020 22:26

Instrument :

MSVOA_N

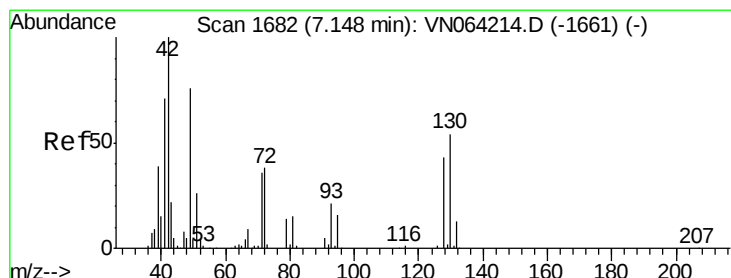
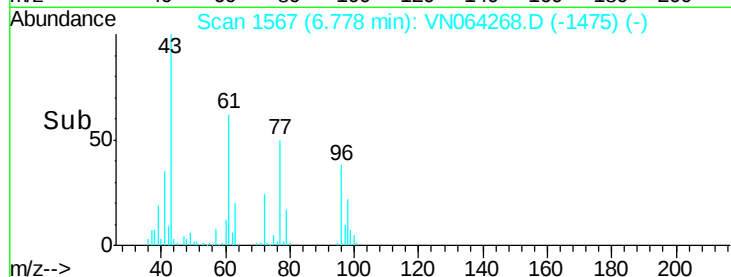
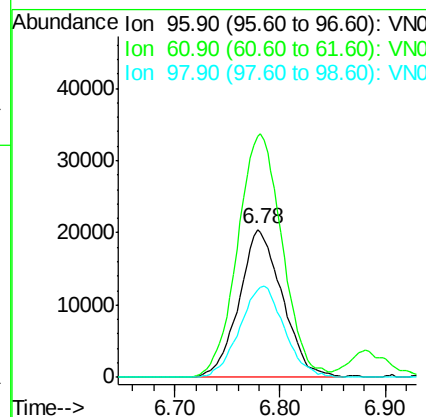
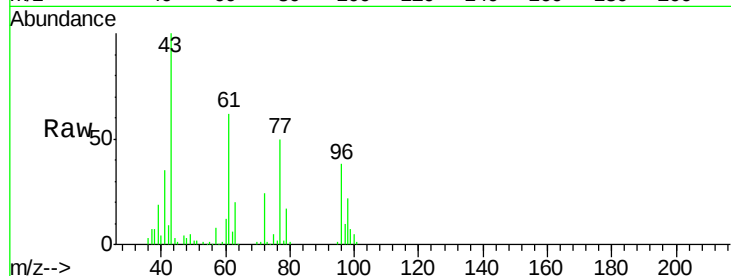
ClientSampleId :

VN1022WBS02

Tot Ion:	96	Resp:	58181
Ion	Ratio	Lower	Upper
96	100		
61	170.2	0.0	330.0
98	63.3	0.0	130.6

Manual Integrations
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#28

Bromochloromethane

Concen: 17.933 ug/l

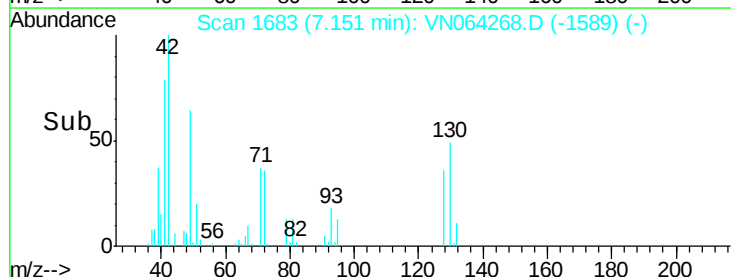
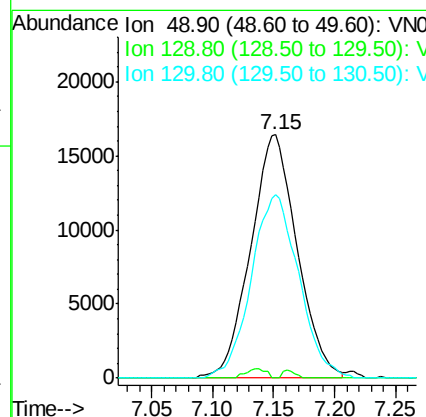
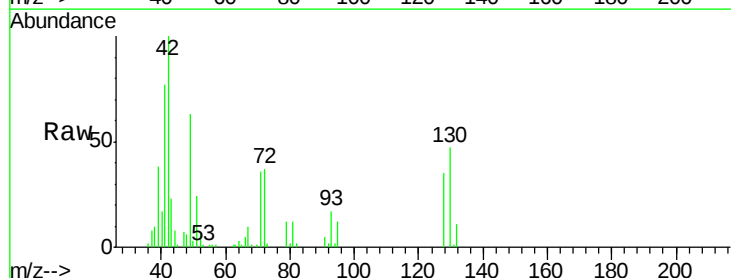
RT: 7.15 min Scan# 1683

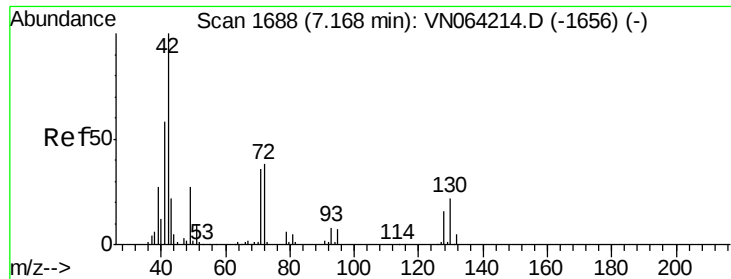
Delta R.T. 0.00 min

Lab File: VN064268.D

Acq: 22 Oct 2020 22:26

Tgt Ion:	49	Resp:	43341
Ion	Ratio	Lower	Upper
49	100		
129	0.8	0.0	2.8
130	77.1	58.8	88.2





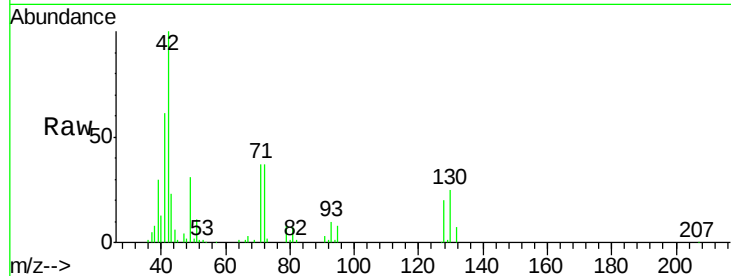
#29
Tetrahydrofuran
Concen: 102.143 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VN064268.D
Acq: 22 Oct 2020 22:26

Instrument :
MSVOA_N
ClientSampleId :
VN1022WBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	38.6	30.8	46.2
71	36.0	29.0	43.6

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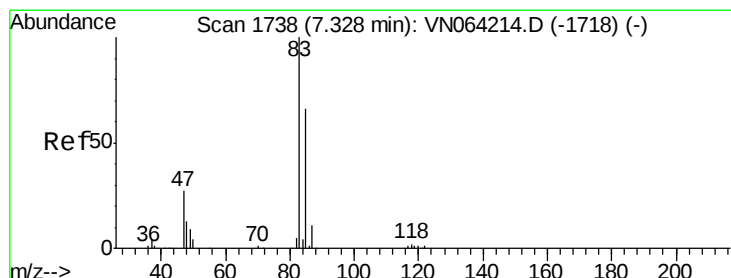
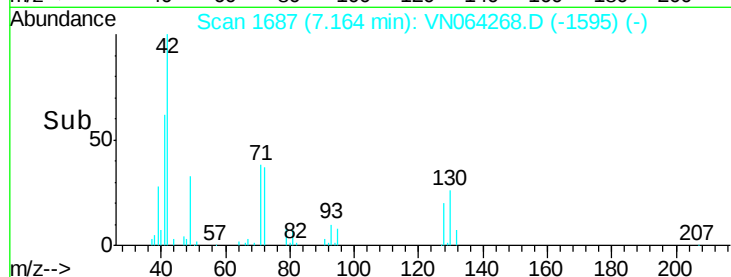
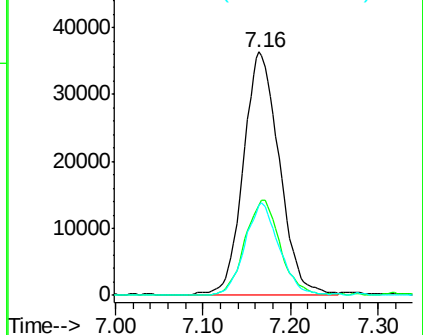
MMDadoda
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Abundance Ion 42.00 (41.70 to 42.70): VN064214.D (-1656) (-)

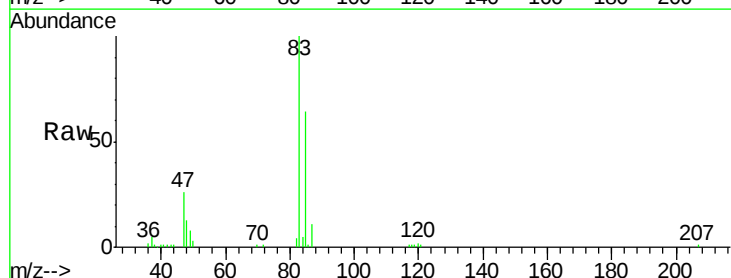
Ion 72.00 (71.70 to 72.70): VN064214.D (-1656) (-)

Ion 71.00 (70.70 to 71.70): VN064214.D (-1656) (-)



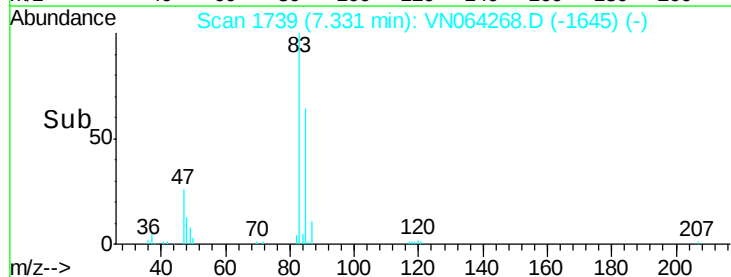
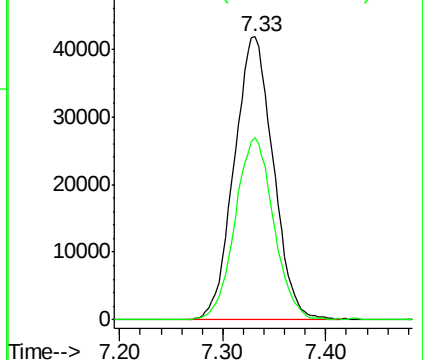
#30
Chloroform
Concen: 20.293 ug/l
RT: 7.33 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VN064268.D
Acq: 22 Oct 2020 22:26

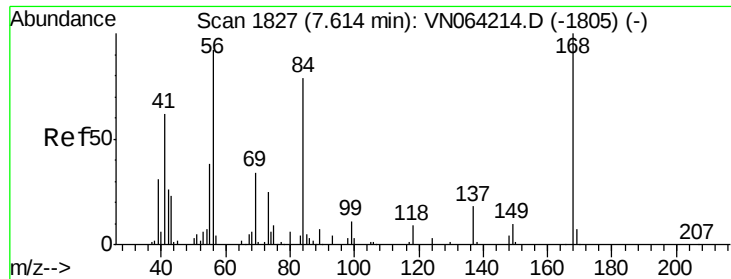
Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.4	52.5	78.7



Abundance Ion 82.90 (82.60 to 83.60): VN064214.D (-1718) (-)

Ion 84.90 (84.60 to 85.60): VN064214.D (-1718) (-)





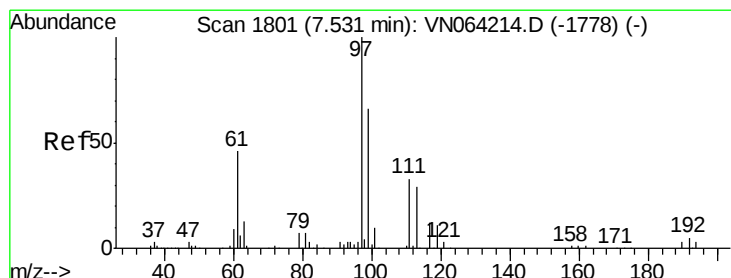
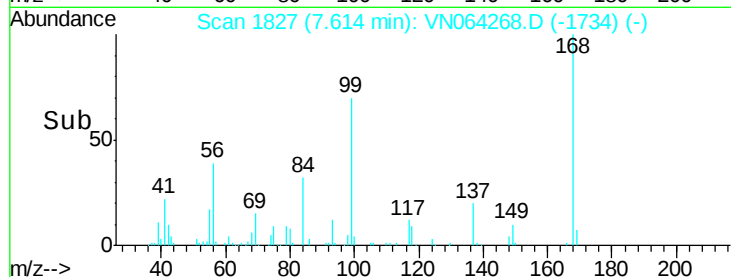
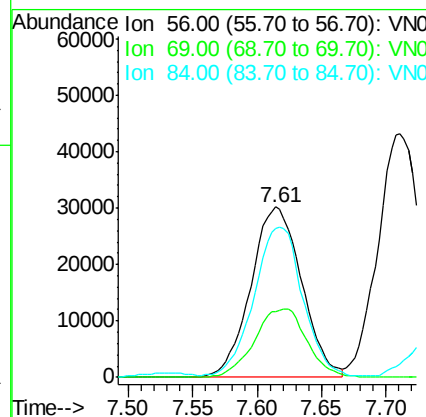
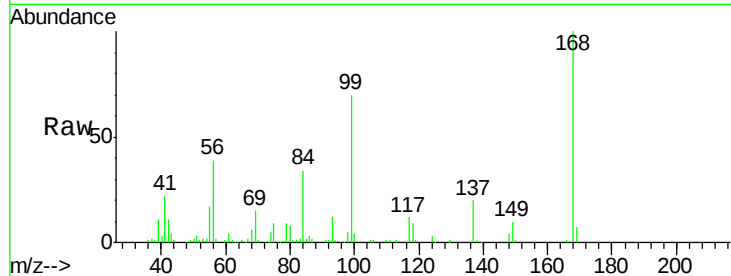
#31
Cvclohexane
Concen: 18.674 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. -0.00 min
Lab File: VN064268.D
Acq: 22 Oct 2020 22:26

Instrument :
MSVOA_N
ClientSampleId :
VN1022WBS02

Tot Ion	Ratio	Lower	Upper
56	100		
69	38.7	29.8	44.6
84	86.0	68.1	102.1

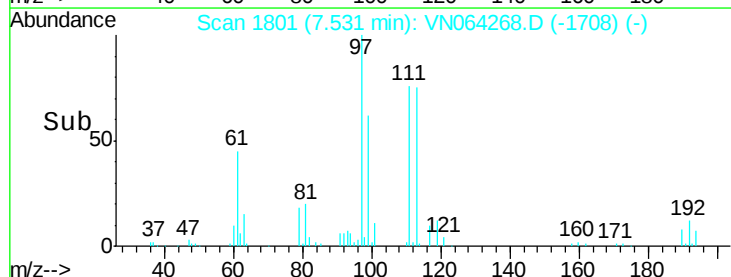
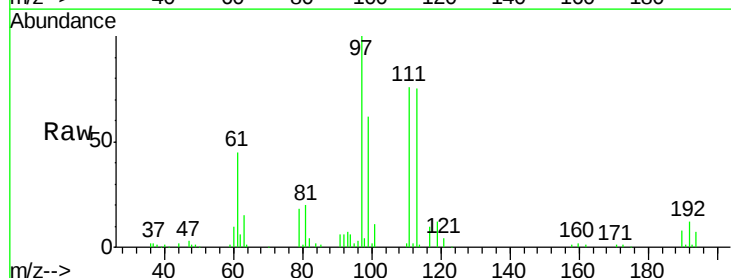
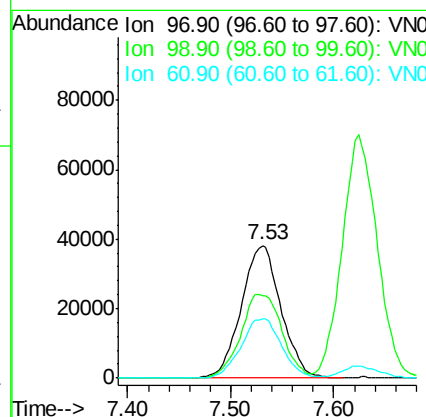
Manual Integrations
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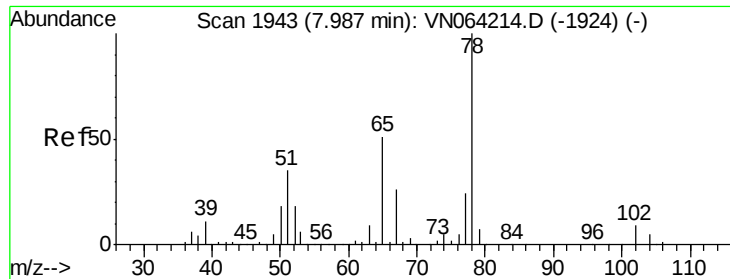
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#32
1,1,1-Trichloroethane
Concen: 20.025 ug/l
RT: 7.53 min Scan# 1801
Delta R.T. -0.00 min
Lab File: VN064268.D
Acq: 22 Oct 2020 22:26

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.9	51.2	76.8
61	46.1	36.3	54.5





#33

1,2-Dichloroethane-d4

Concen: 52.676 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN064268.D

Acq: 22 Oct 2020 22:26

Instrument :

MSVOA_N

ClientSampleId :

VN1022WBS02

Tot Ion: 65 Resp: 197006

Ion Ratio Lower Upper

65 100

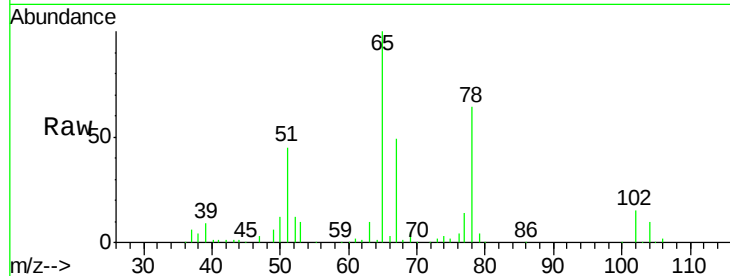
67 49.6 0.0 100.2

Manual Integrations

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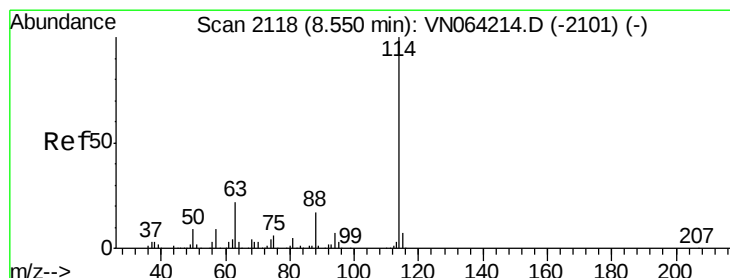
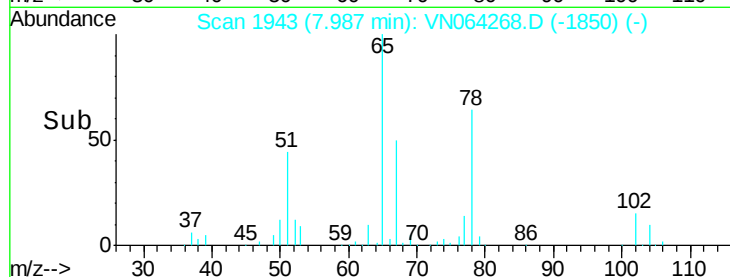
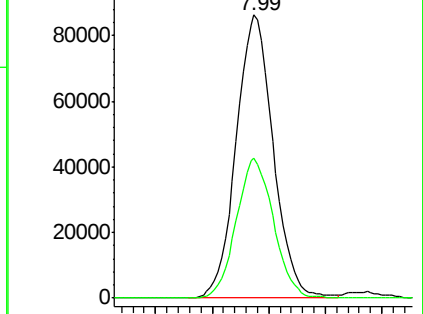
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Abundance Ion 64.90 (64.60 to 65.60): VN064214.D (-1924) (-)

Ion 66.90 (66.60 to 67.60): VN064214.D (-1924) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN064268.D

Acq: 22 Oct 2020 22:26

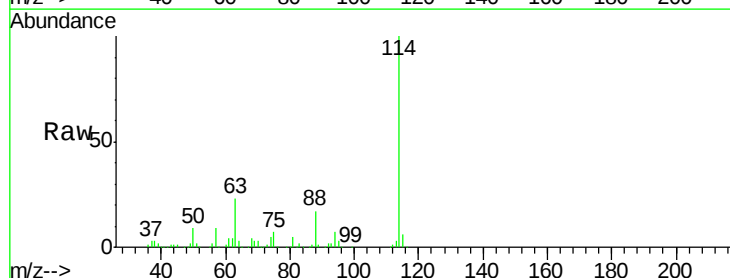
Tgt Ion: 114 Resp: 413286

Ion Ratio Lower Upper

114 100

63 23.0 0.0 44.0

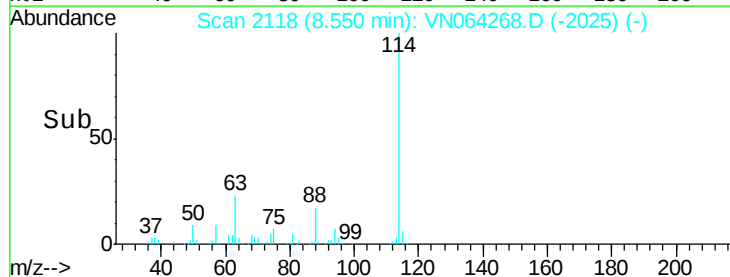
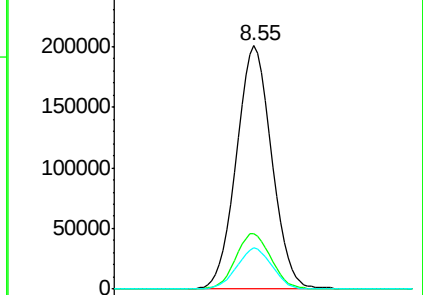
88 16.8 0.0 34.2

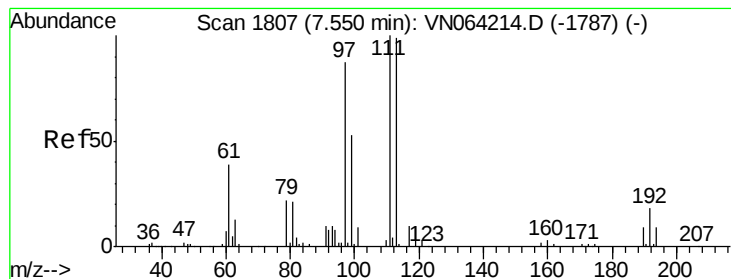


Abundance Ion 113.90 (113.60 to 114.60): VN064214.D (-2101) (-)

Ion 63.00 (62.70 to 63.70): VN064214.D (-2101) (-)

Ion 87.90 (87.60 to 88.60): VN064214.D (-2101) (-)





#35

Dibromofluoromethane

Concen: 49.339 ug/l

RT: 7.55 min Scan# 1806

Delta R.T. -0.00 min

Lab File: VN064268.D

Acq: 22 Oct 2020 22:26

Instrument :

MSVOA_N

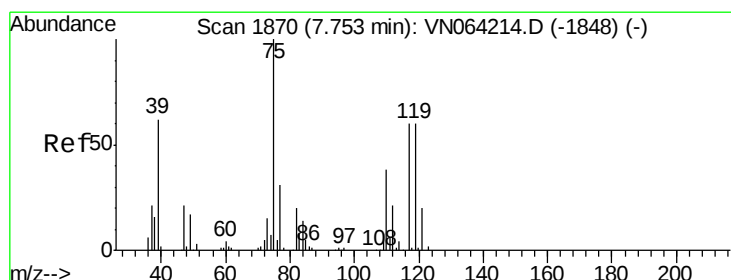
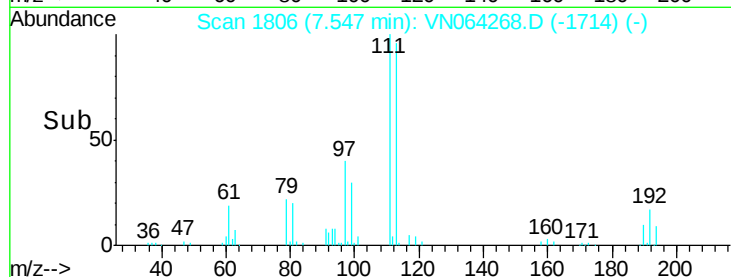
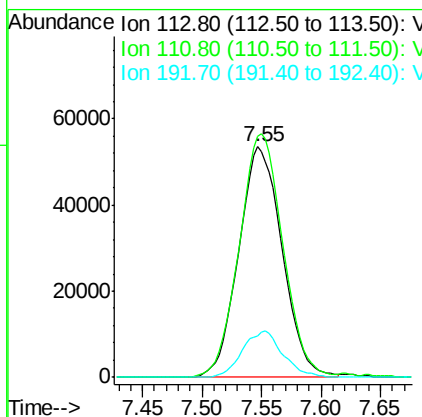
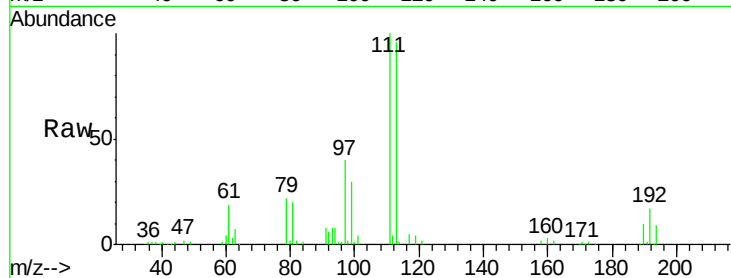
ClientSampleId :

VN1022WBS02

Tot Ion:	113	Resp:	135570
Ion Ratio	Lower	Upper	
113	100		
111	105.8	84.2	126.2
192	18.8	15.2	22.8

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 18.957 ug/l

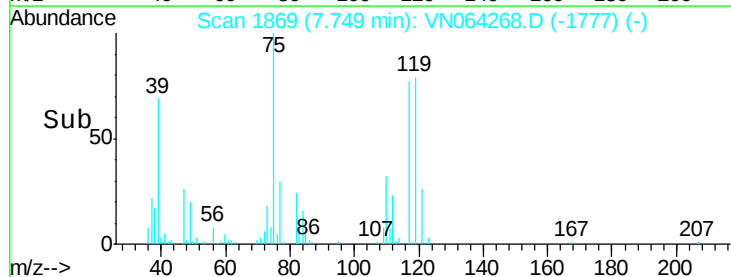
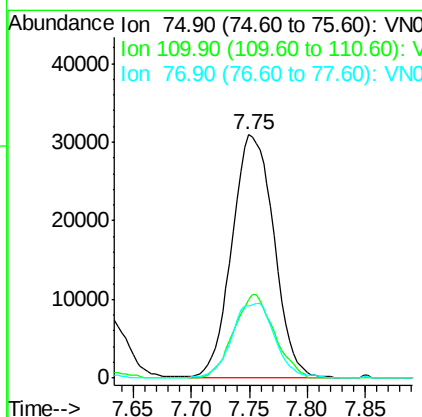
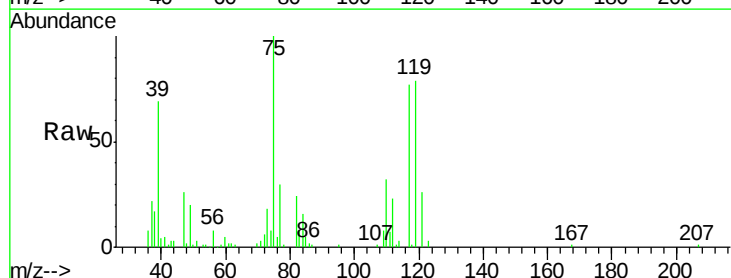
RT: 7.75 min Scan# 1869

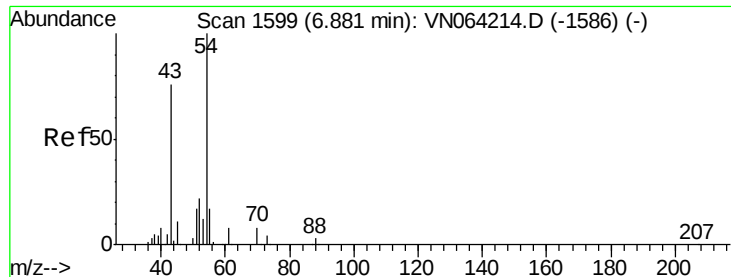
Delta R.T. -0.00 min

Lab File: VN064268.D

Acq: 22 Oct 2020 22:26

Tgt Ion:	75	Resp:	78108
Ion Ratio	Lower	Upper	
75	100		
110	33.0	17.2	51.6
77	31.6	24.9	37.3





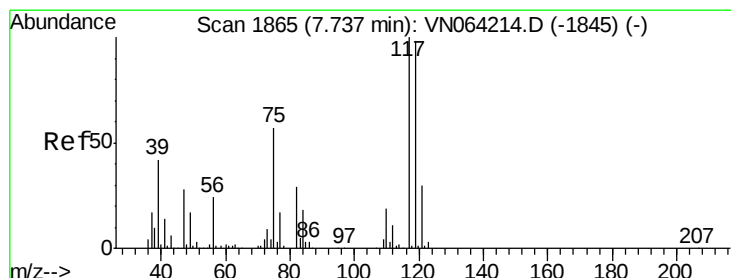
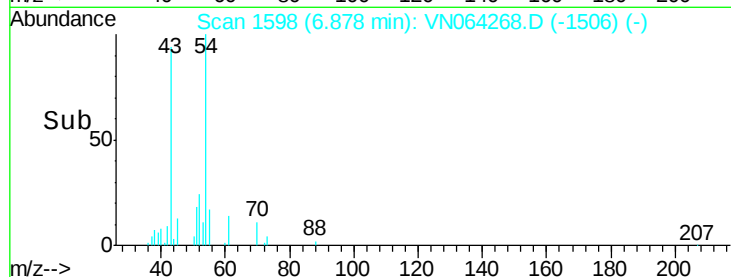
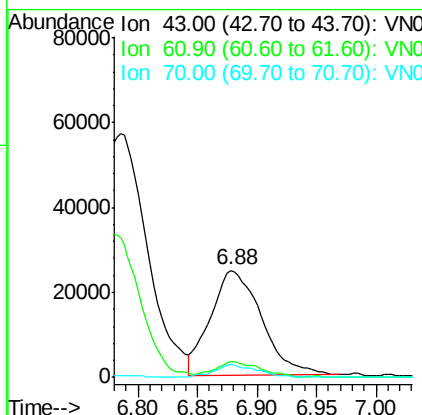
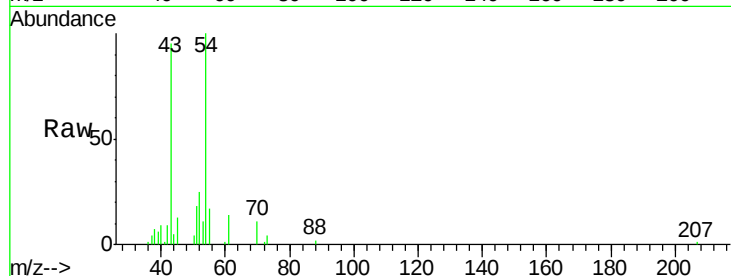
#37
Ethyl Acetate
Concen: 19.651 ug/l
RT: 6.88 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VN064268.D
Acq: 22 Oct 2020 22:26

Instrument :
MSVOA_N
ClientSampleId :
VN1022WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.2	10.0	15.0
70	10.3	7.5	11.3

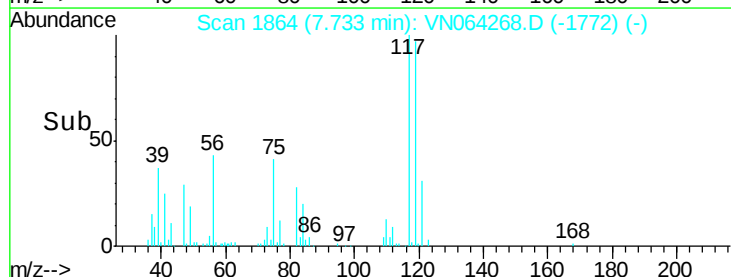
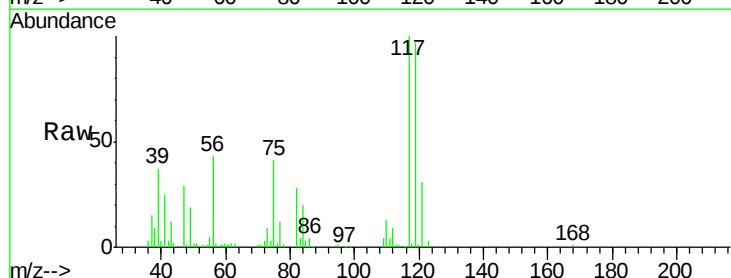
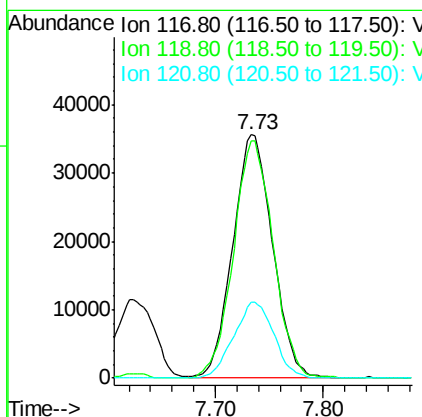
Manual Integrations
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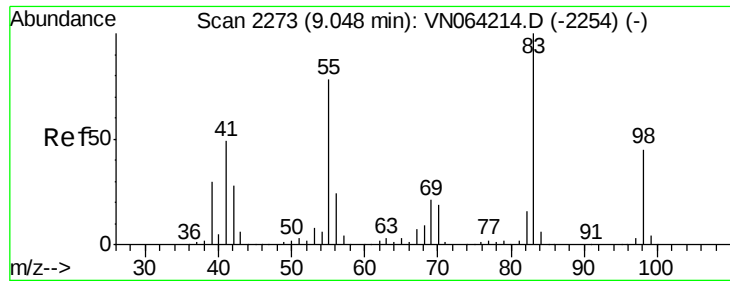
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#38
Carbon Tetrachloride
Concen: 19.491 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN064268.D
Acq: 22 Oct 2020 22:26

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.3	78.5	117.7
121	31.0	24.3	36.5





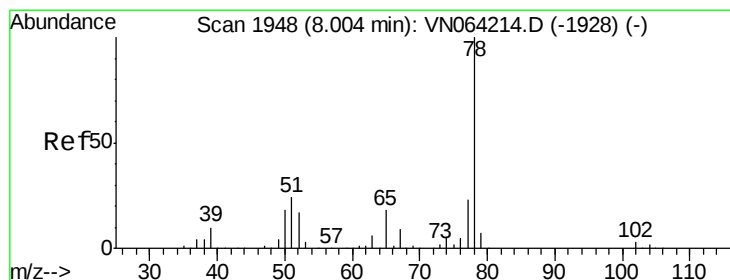
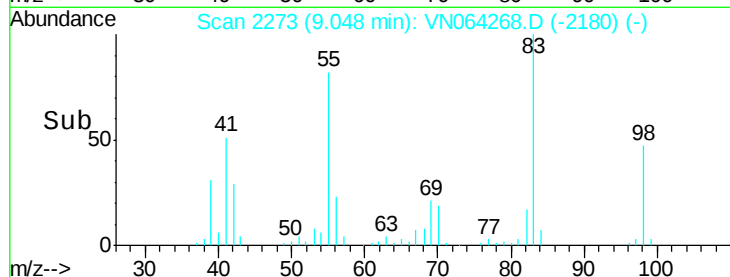
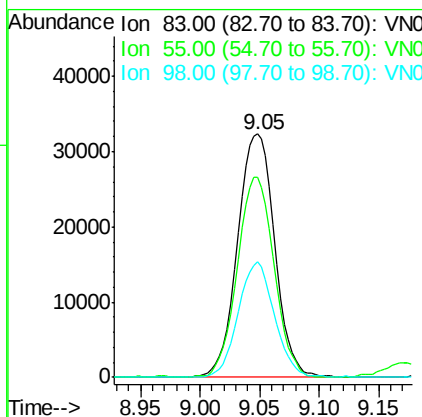
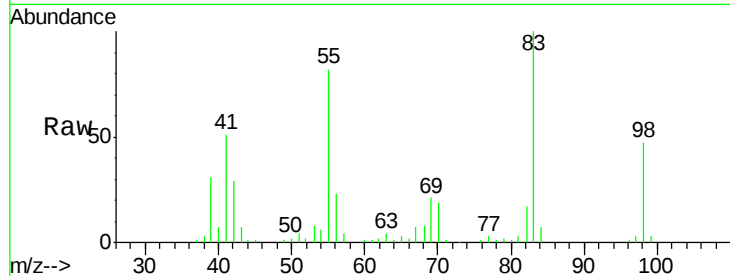
#39
Methvlcvclohexane
Concen: 18.674 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN064268.D
Acq: 22 Oct 2020 22:26

Instrument :
MSVOA_N
ClientSampleId :
VN1022WBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	82.1	62.2	93.2
98	47.2	35.9	53.9

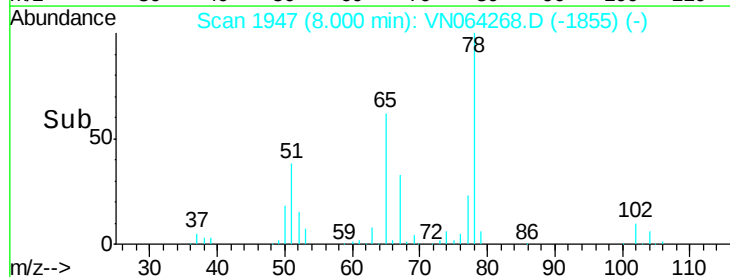
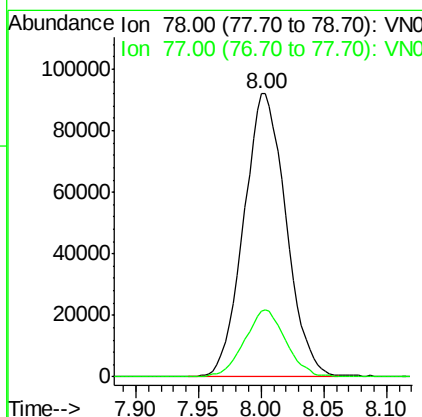
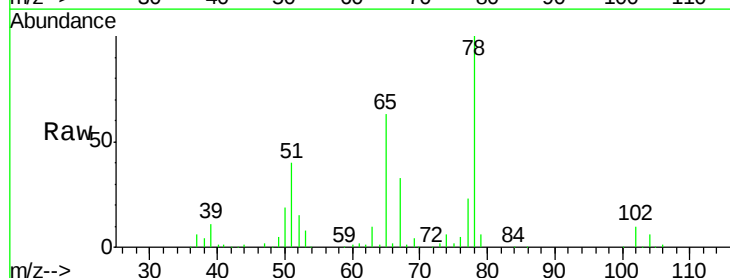
Manual Integrations
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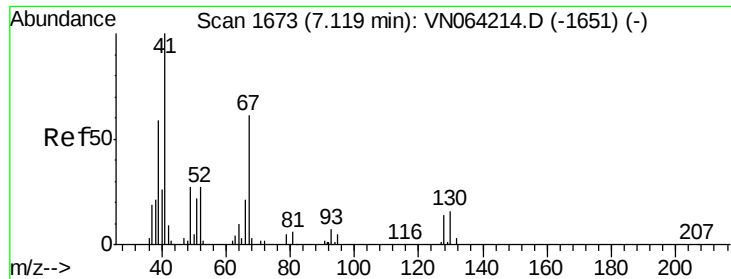
MMDadoda
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#40
Benzene
Concen: 19.055 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN064268.D
Acq: 22 Oct 2020 22:26

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	18.3	27.5





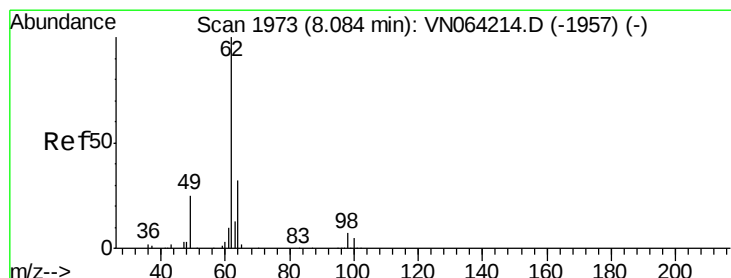
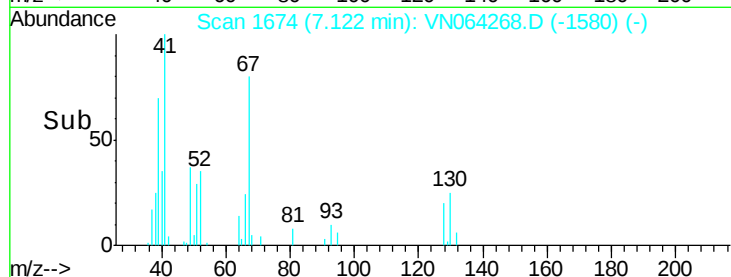
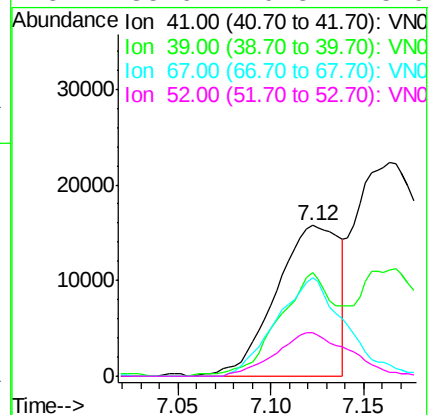
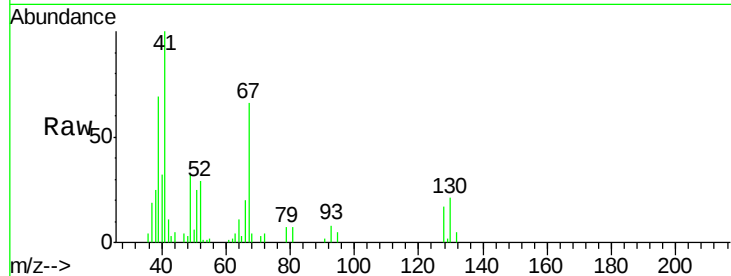
#41
Methacrylonitrile
Concen: 19.168 ug/l
RT: 7.12 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VN064268.D
Acq: 22 Oct 2020 22:26

Instrument :
MSVOA_N
ClientSampleId :
VN1022WBS02

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	63.9	50.5	75.7	
67	71.1	63.2	94.8	
52	33.6	29.3	43.9	

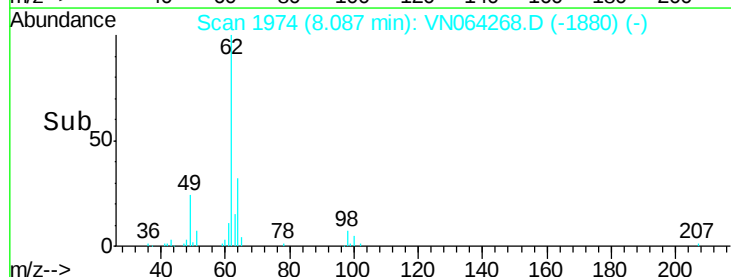
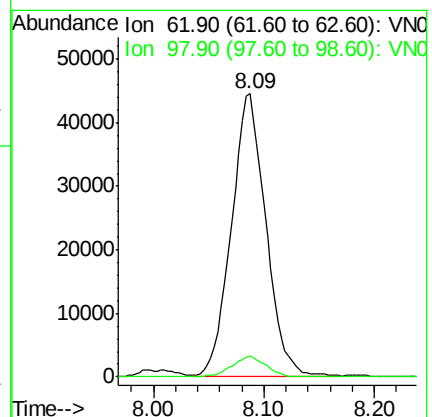
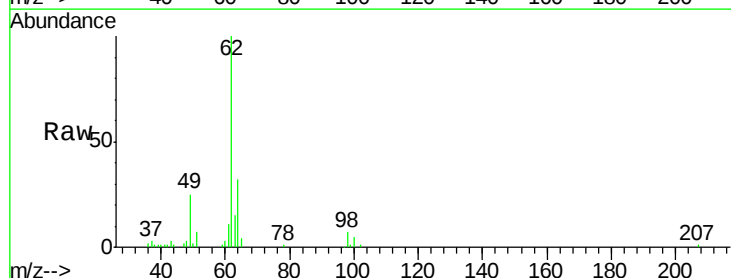
Manual Integrations
APPROVED

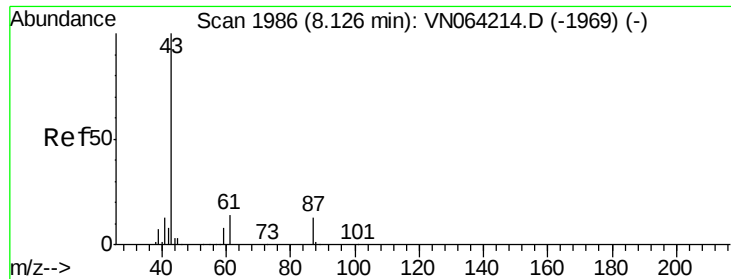
MMDadoda
10/23/2020 3:36:20 PM



#42
1,2-Dichloroethane
Concen: 19.608 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN064268.D
Acq: 22 Oct 2020 22:26

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	7.1	0.0	15.0	





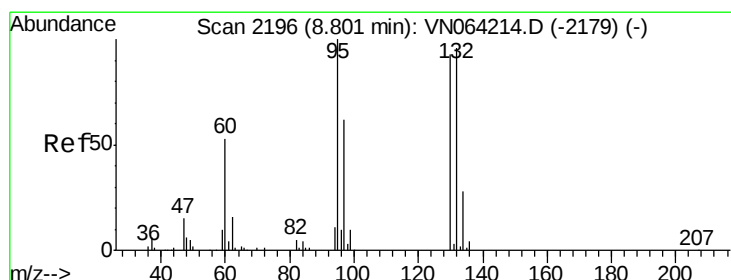
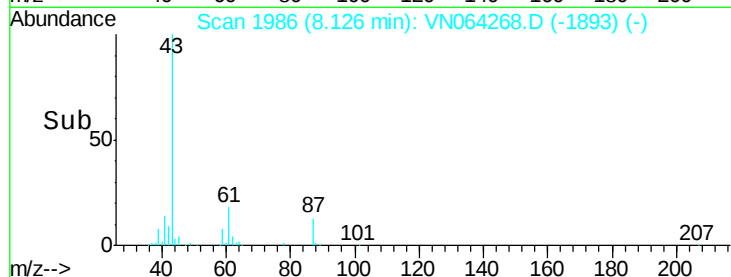
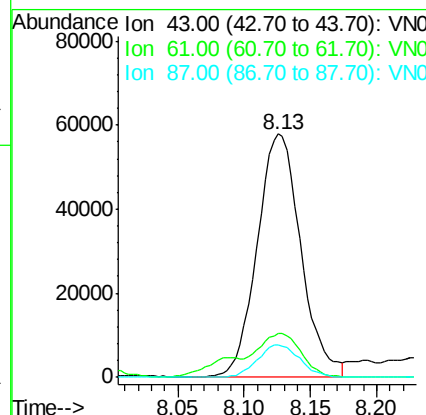
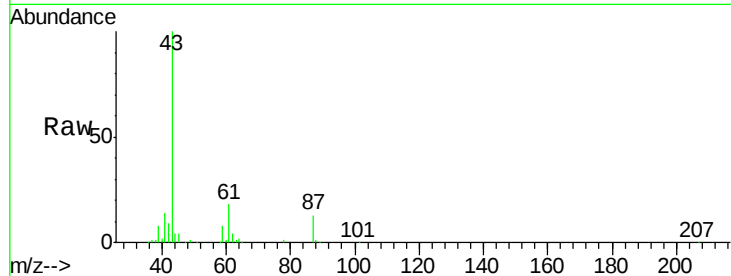
#43
Isopropyl Acetate
Concen: 19.052 ug/l
RT: 8.13 min Scan# 1986
Delta R.T. -0.00 min
Lab File: VN064268.D
Acq: 22 Oct 2020 22:26

Instrument :
MSVOA_N
ClientSampleId :
VN1022WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.0	19.6	29.4#
87	12.9	9.8	14.6

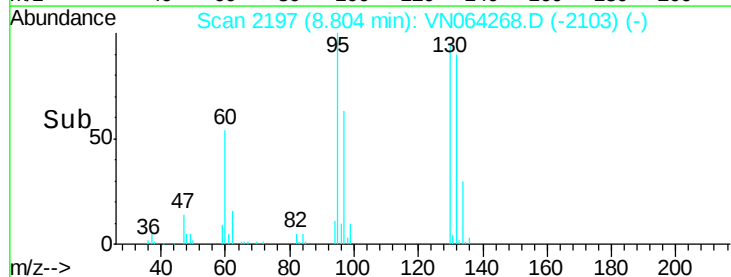
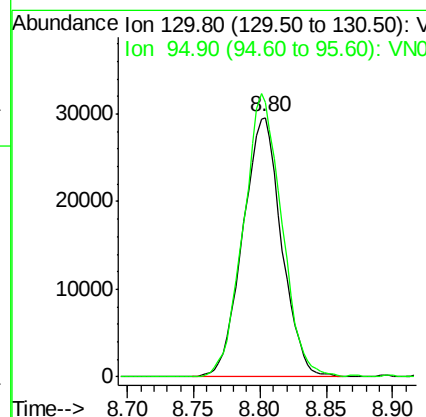
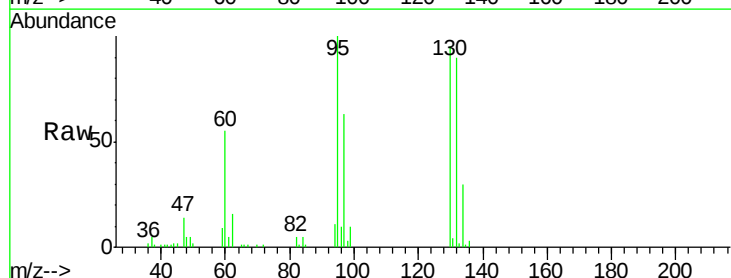
Manual Integrations
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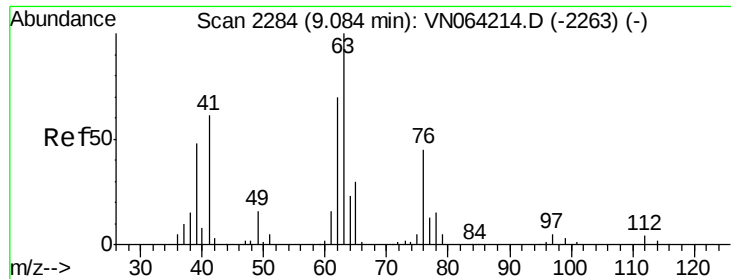
MMDadoda
10/23/2020 3:36:20 PM



#44
Trichloroethene
Concen: 19.390 ug/l
RT: 8.80 min Scan# 2197
Delta R.T. 0.00 min
Lab File: VN064268.D
Acq: 22 Oct 2020 22:26

Tgt Ion	Ratio	Lower	Upper
130	100		
95	105.7	0.0	214.0





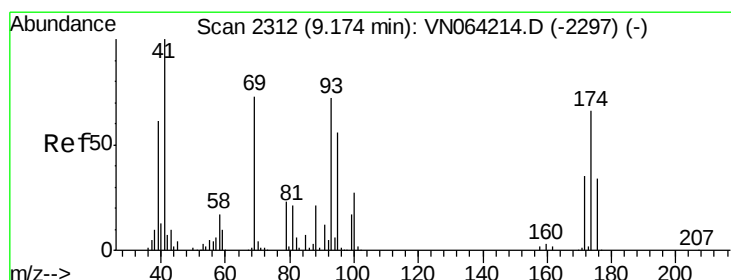
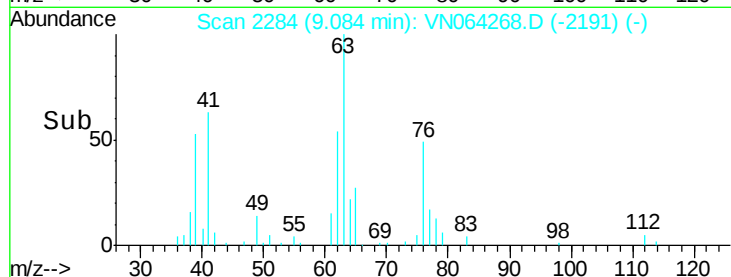
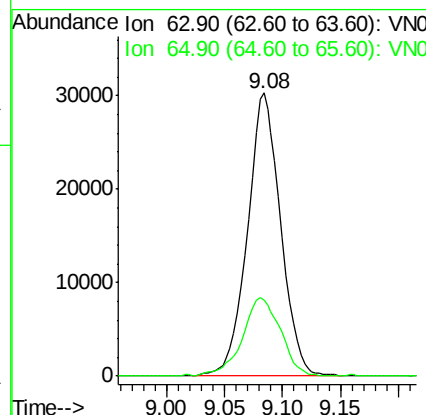
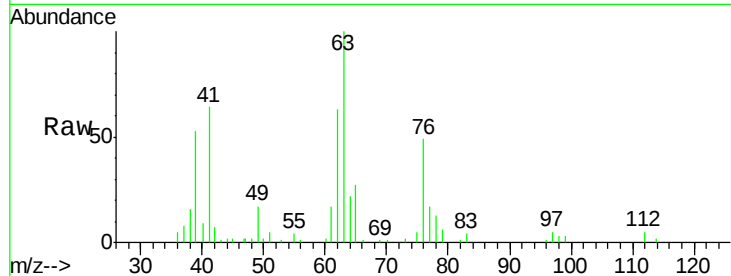
#45
 1,2-Dichloropropane
 Concen: 19.863 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN064268.D
 Acq: 22 Oct 2020 22:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1022WBS02

Tot Ion	Ratio	Lower	Upper
63	100		
65	26.8	24.0	36.0

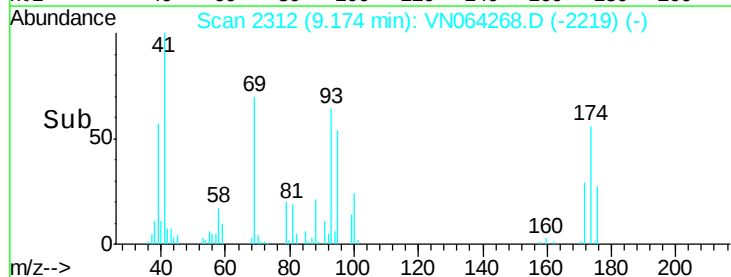
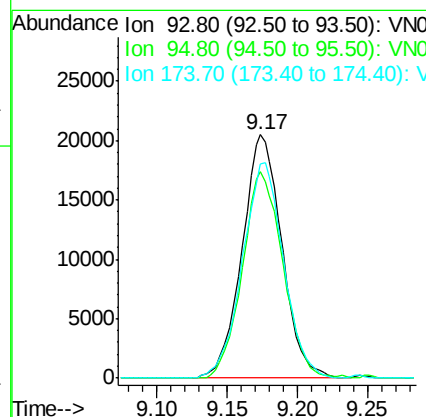
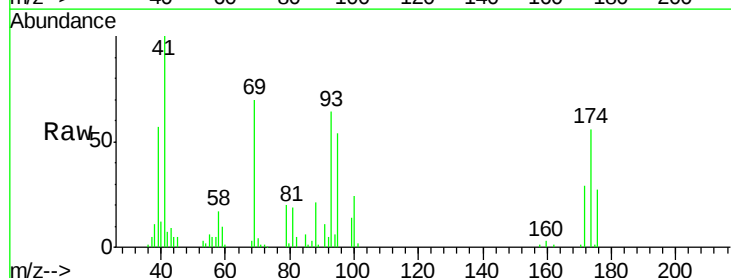
Manual Integrations
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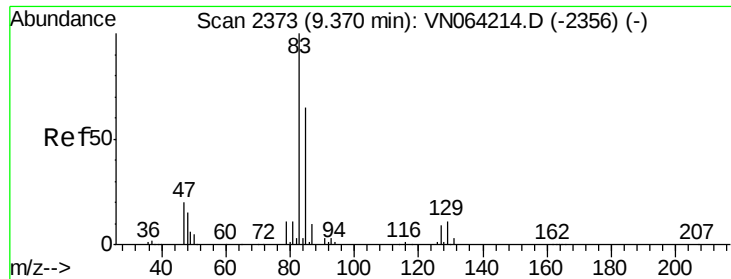
MMDadoda
 10/23/2020 3:36:20 PM



#46
 Dibromomethane
 Concen: 19.840 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN064268.D
 Acq: 22 Oct 2020 22:26

Tgt Ion	Ratio	Lower	Upper
93	100		
95	86.5	63.0	94.4
174	91.5	72.9	109.3





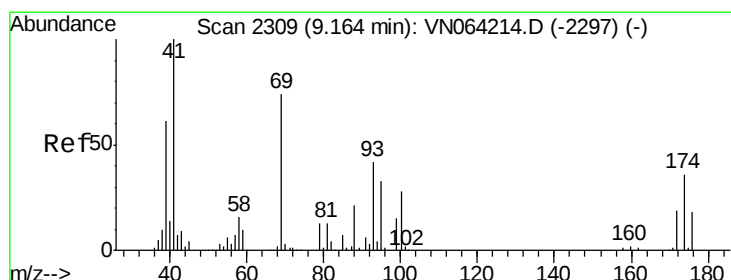
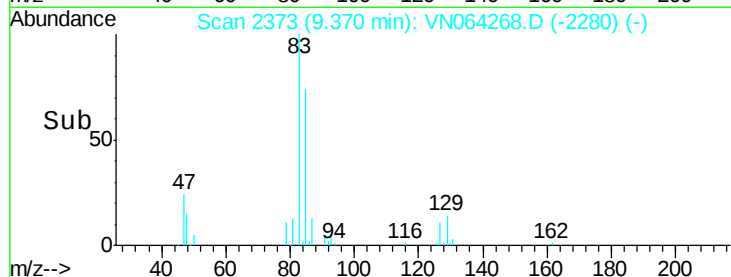
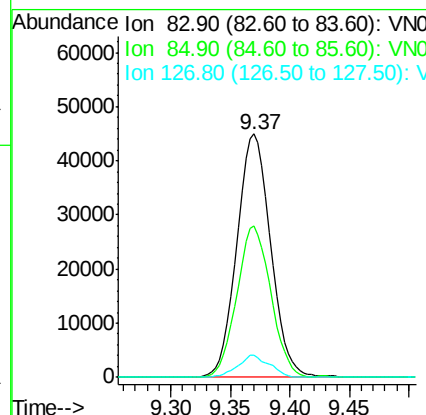
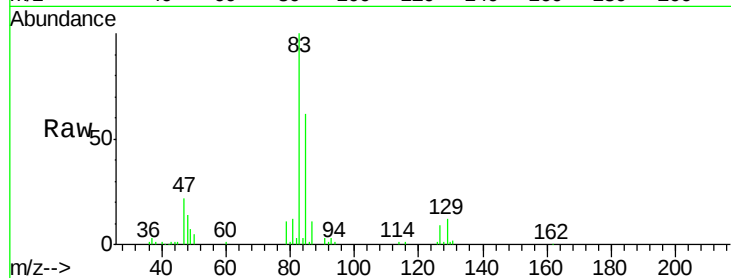
#47
Bromodichloromethane
Concen: 19.679 ug/l
RT: 9.37 min Scan# 2373
Delta R.T. -0.00 min
Lab File: VN064268.D
Acq: 22 Oct 2020 22:26

Instrument :
MSVOA_N
ClientSampleId :
VN1022WBS02

Tot Ion	83	Resp	88643
Ion Ratio	100	Lower	Upper
83	100		
85	62.2	51.8	77.8
127	9.1	7.4	11.0

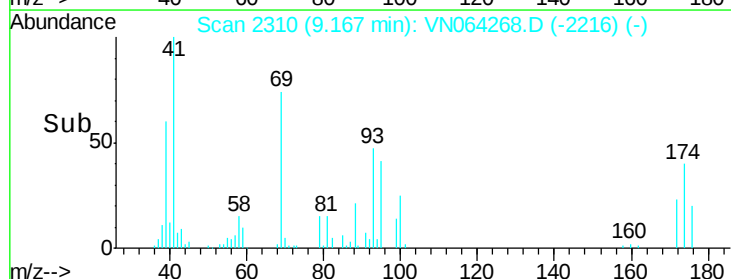
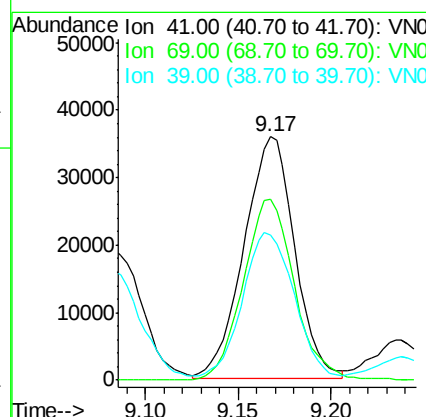
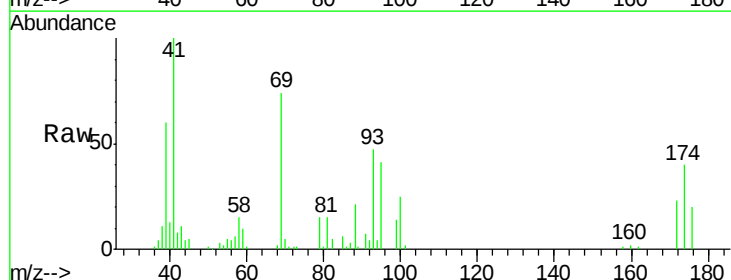
Manual Integrations
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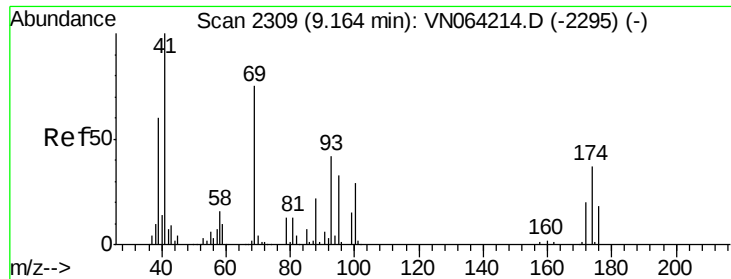
MMDadoda
10/23/2020 3:36:20 PM



#48
Methyl methacrylate
Concen: 18.704 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN064268.D
Acq: 22 Oct 2020 22:26

Tgt Ion	41	Resp	68119
Ion Ratio	100	Lower	Upper
41	100		
69	75.1	57.3	85.9
39	63.4	48.6	73.0





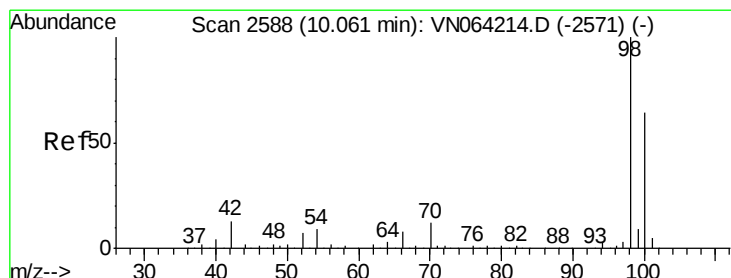
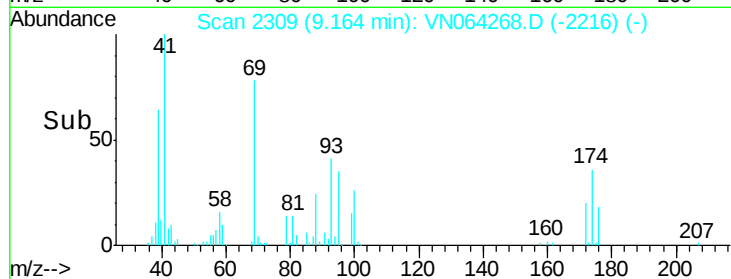
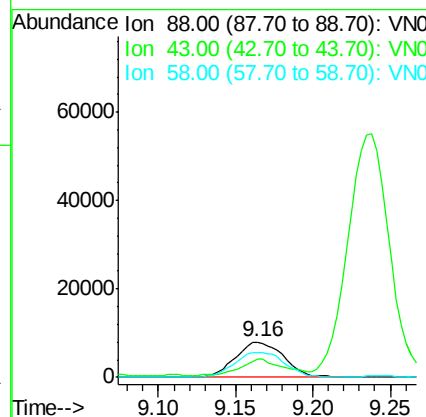
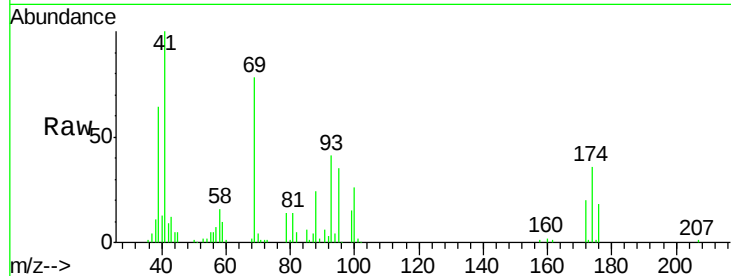
#49
1,4-Dioxane
Concen: 409.361 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN064268.D
Acq: 22 Oct 2020 22:26

Instrument :
MSVOA_N
ClientSampleId :
VN1022WBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	39.3	34.6	52.0
58	73.0	59.0	88.6

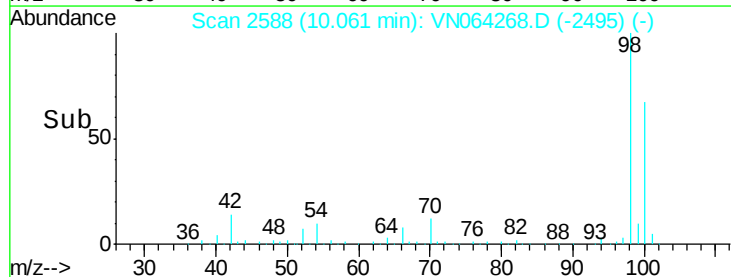
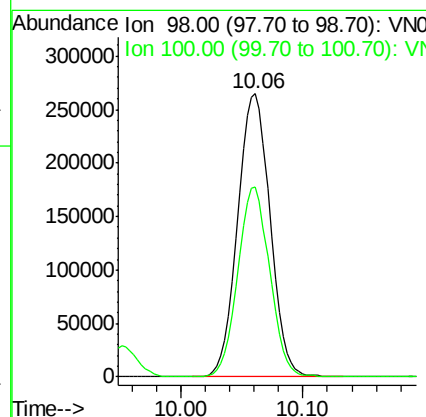
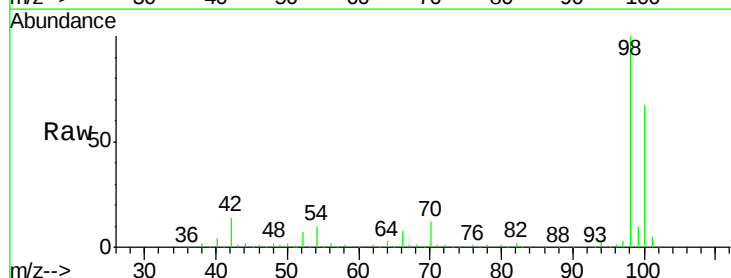
Manual Integrations
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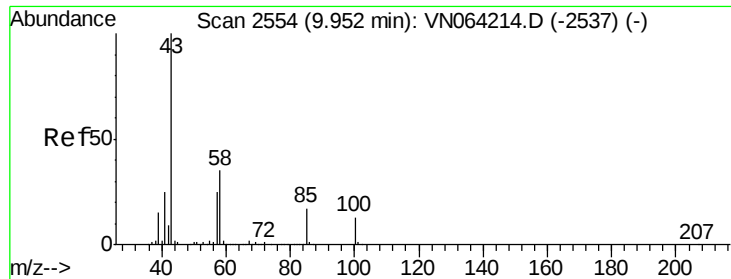
MMDadoda
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#50
Toluene-d8
Concen: 49.008 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. -0.00 min
Lab File: VN064268.D
Acq: 22 Oct 2020 22:26

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.0	50.8	76.2





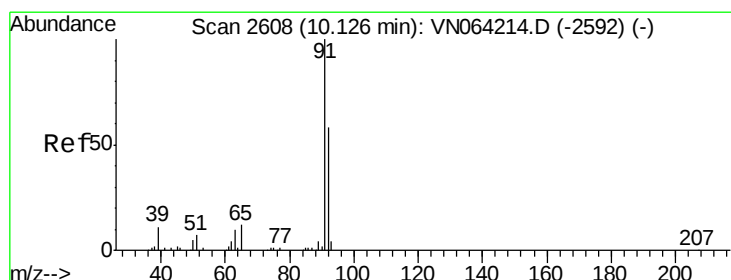
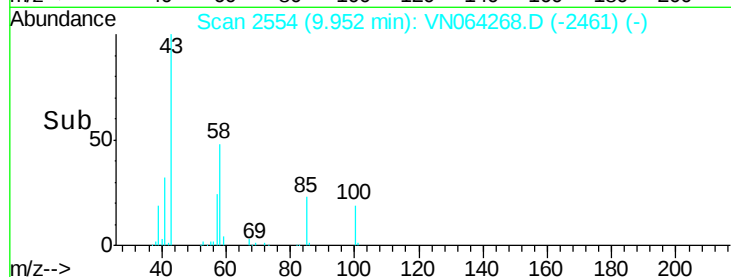
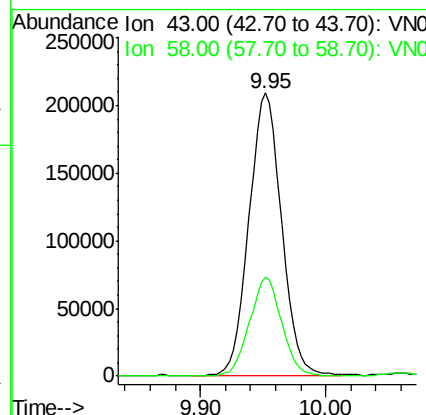
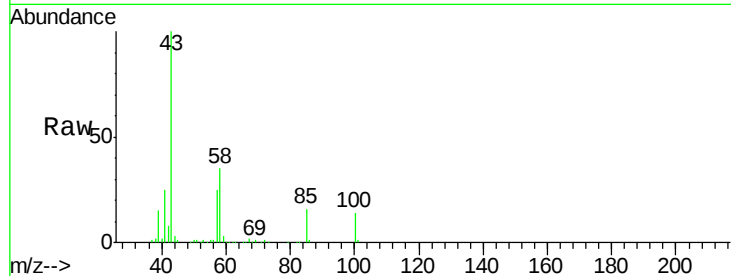
#51
4-Methyl-2-Pentanone
Concen: 101.319 ug/l
RT: 9.95 min Scan# 2554
Delta R.T. -0.00 min
Lab File: VN064268.D
Acq: 22 Oct 2020 22:26

Instrument :
MSVOA_N
ClientSampleId :
VN1022WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
58	34.7	28.6	42.8

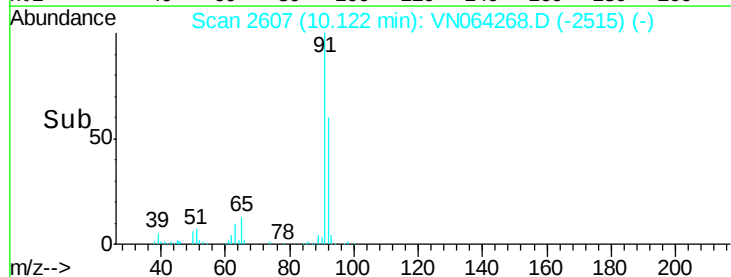
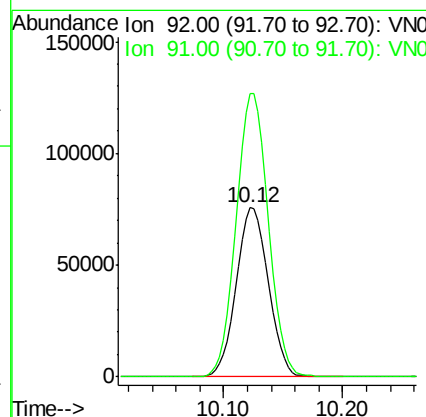
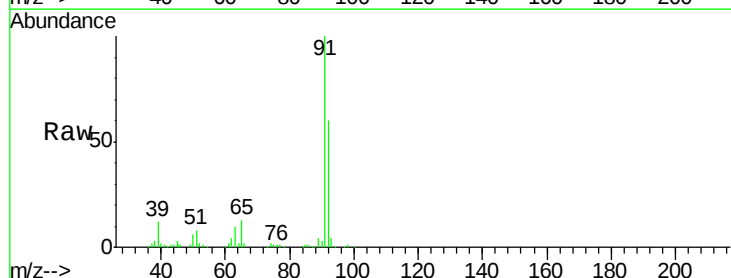
Manual Integrations
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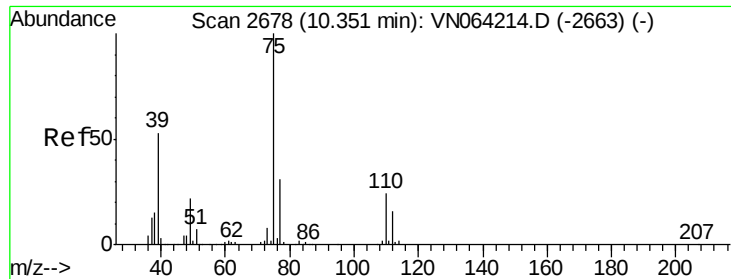
MMDadoda
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#52
Toluene
Concen: 19.495 ug/l
RT: 10.12 min Scan# 2607
Delta R.T. -0.00 min
Lab File: VN064268.D
Acq: 22 Oct 2020 22:26

Tgt Ion	Ratio	Lower	Upper
92	100		
91	167.2	137.4	206.2





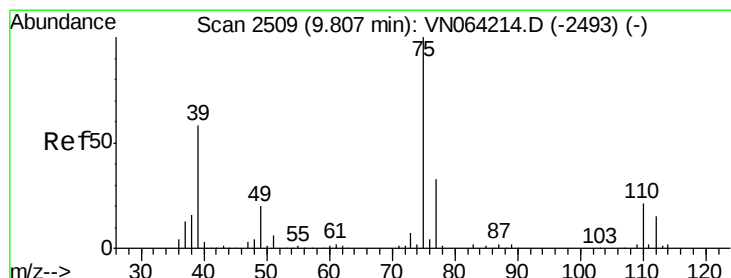
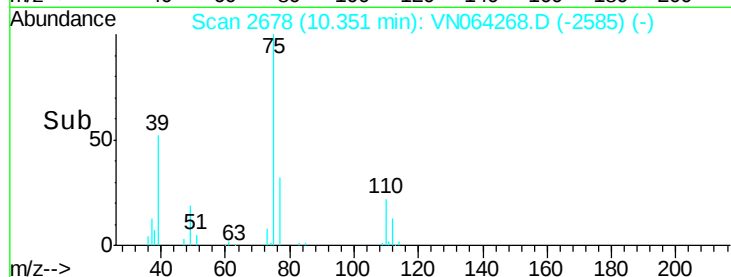
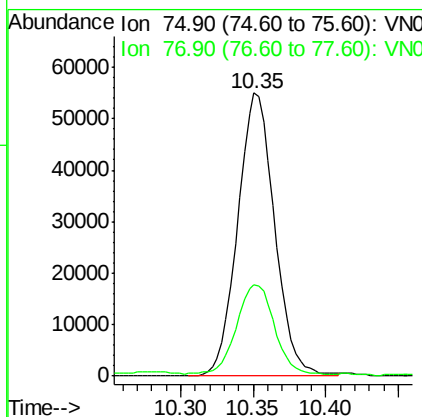
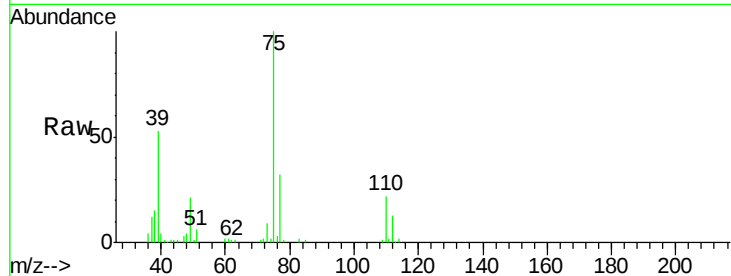
#53
t-1,3-Dichloropropene
Concen: 19.528 ug/l
RT: 10.35 min Scan# 2678
Delta R.T. -0.00 min
Lab File: VN064268.D
Acq: 22 Oct 2020 22:26

Instrument :
MSVOA_N
ClientSampleId :
VN1022WBS02

Tot Ion: 75 Resp: 97716
Ion Ratio Lower Upper
75 100
77 31.3 25.4 38.2

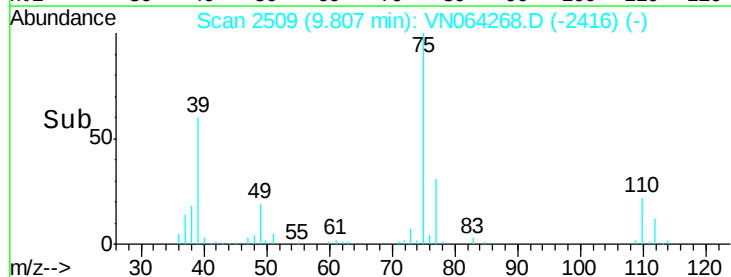
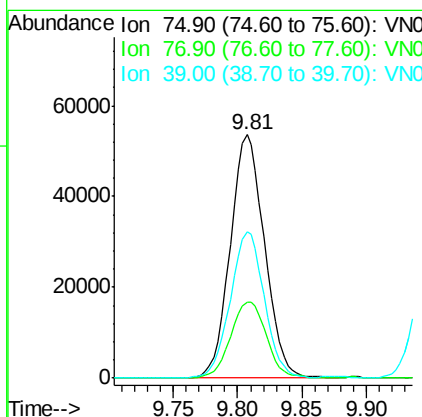
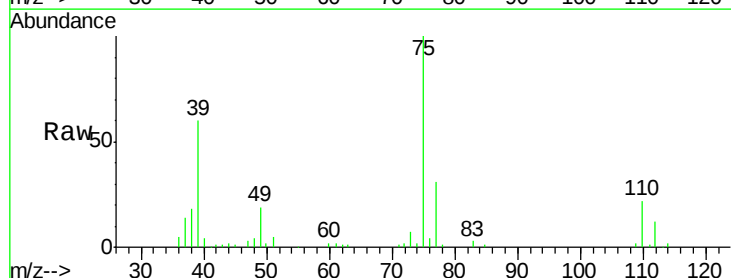
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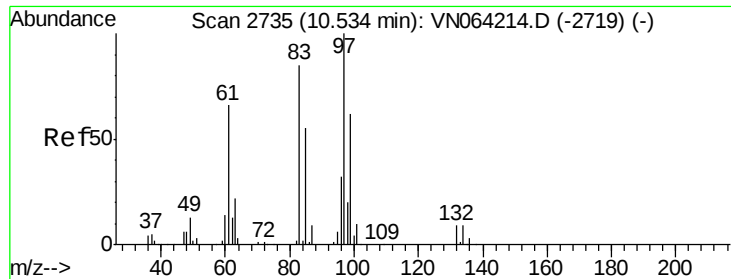
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 18.781 ug/l
RT: 9.81 min Scan# 2509
Delta R.T. -0.00 min
Lab File: VN064268.D
Acq: 22 Oct 2020 22:26

Tgt Ion: 75 Resp: 98950
Ion Ratio Lower Upper
75 100
77 31.0 26.6 39.8
39 60.3 46.7 70.1





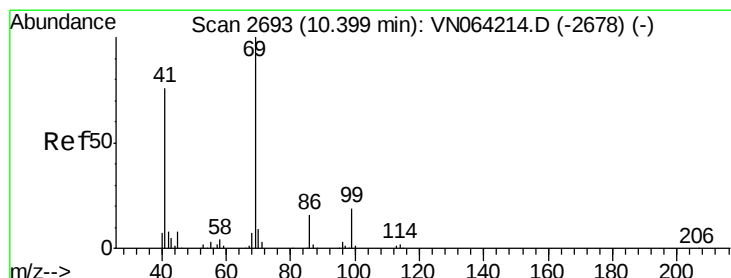
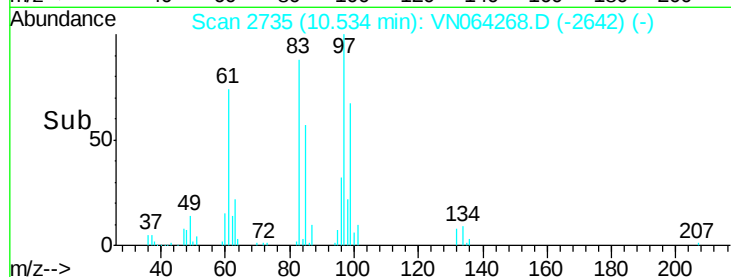
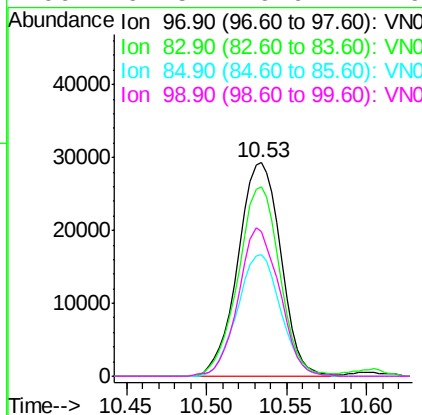
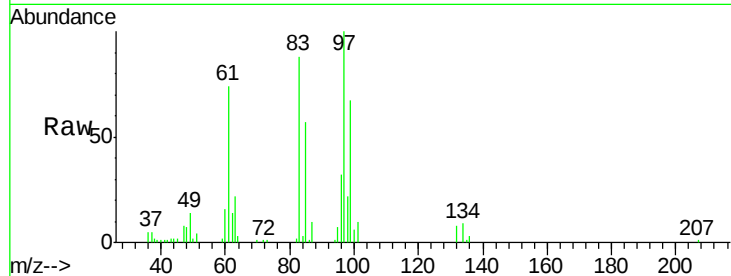
#55
 1,1,2-Trichloroethane
 Concen: 19.545 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. -0.00 min
 Lab File: VN064268.D
 Acq: 22 Oct 2020 22:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1022WBS02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		53721		
83	88.4	67.8	101.6		
85	57.0	43.6	65.4		
99	67.5	49.9	74.9		

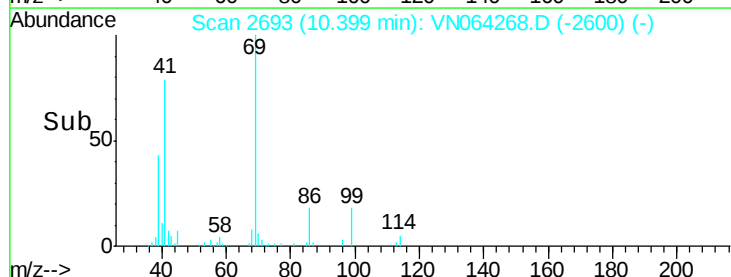
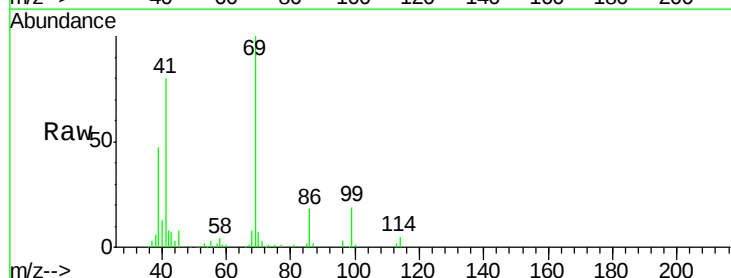
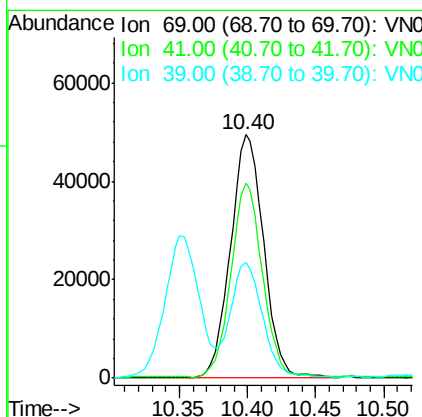
Manual Integrations
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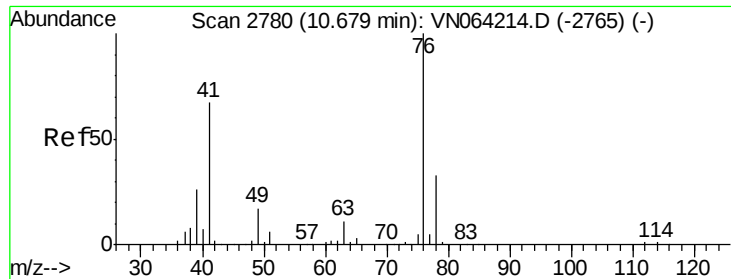
MMDadoda
 10/23/2020 3:36:20 PM



#56
 Ethyl methacrylate
 Concen: 19.719 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. -0.00 min
 Lab File: VN064268.D
 Acq: 22 Oct 2020 22:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		83805		
41	75.4	61.4	92.2		
39	46.7	36.0	54.0		





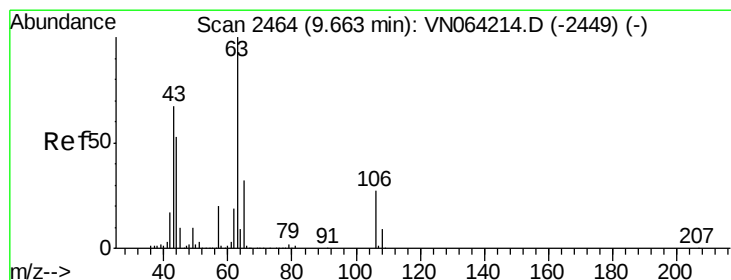
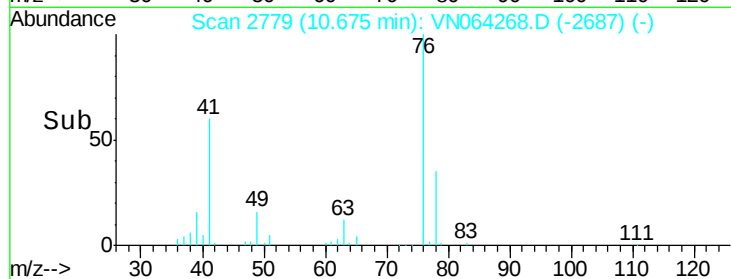
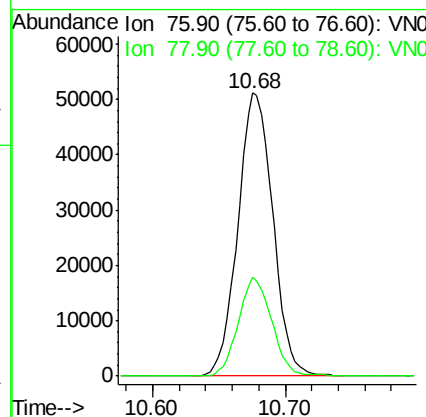
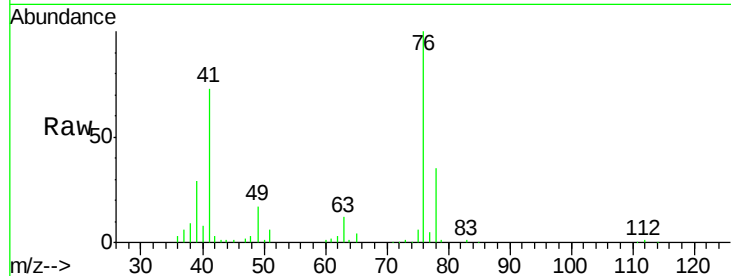
#57
 1,3-Dichloropropane
 Concen: 19.601 ug/l
 RT: 10.68 min Scan# 2779
 Delta R.T. -0.00 min
 Lab File: VN064268.D
 Acq: 22 Oct 2020 22:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1022WBS02

Tot Ion: 76 Resp: 93582
 Ion Ratio Lower Upper
 76 100
 78 33.2 26.2 39.2

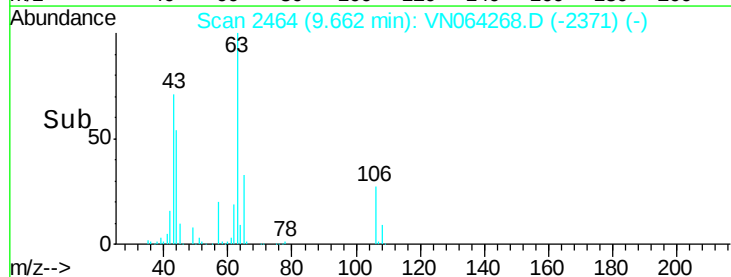
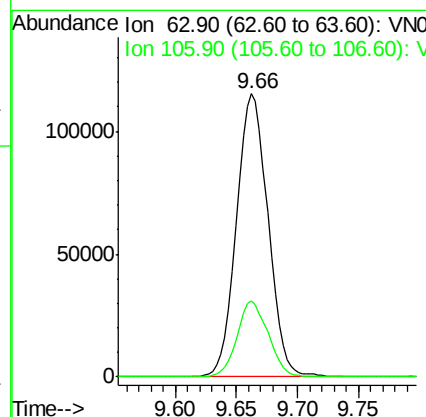
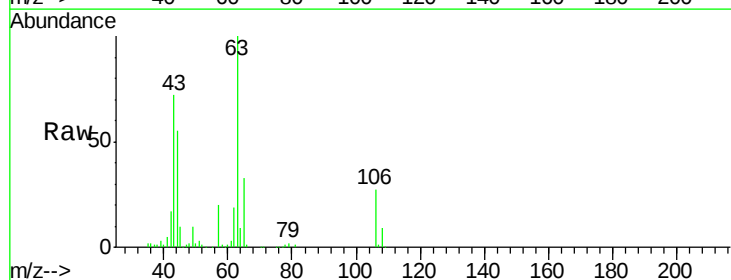
Manual Integrations
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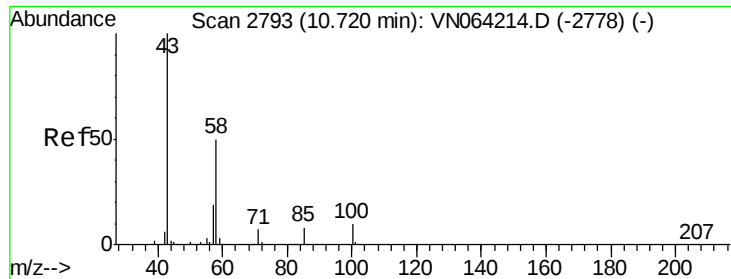
MMDadoda
 10/23/2020 3:36:20 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 94.876 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. -0.00 min
 Lab File: VN064268.D
 Acq: 22 Oct 2020 22:26

Tgt Ion: 63 Resp: 207633
 Ion Ratio Lower Upper
 63 100
 106 26.4 21.3 31.9





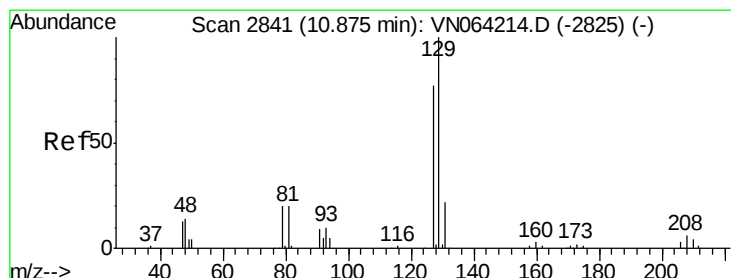
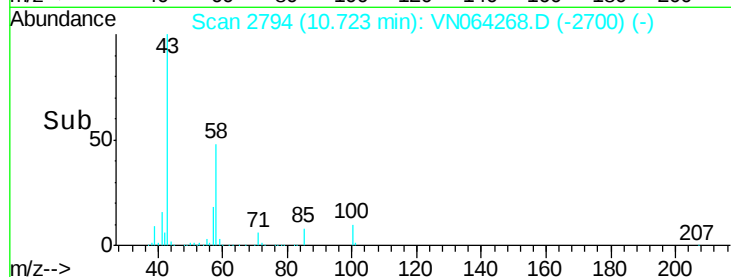
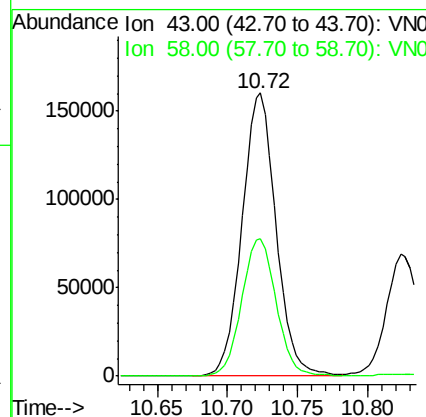
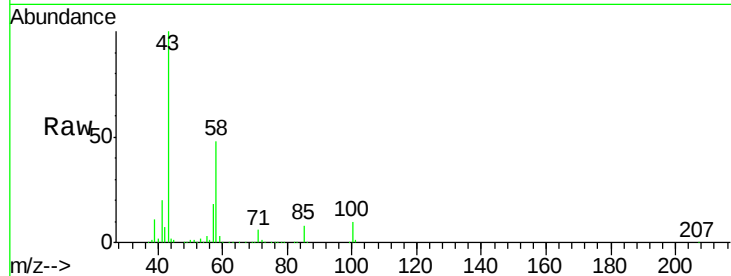
#59
2-Hexanone
Concen: 98.563 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN064268.D
Acq: 22 Oct 2020 22:26

Instrument :
MSVOA_N
ClientSampleId :
VN1022WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
58	49.9	24.8	74.3

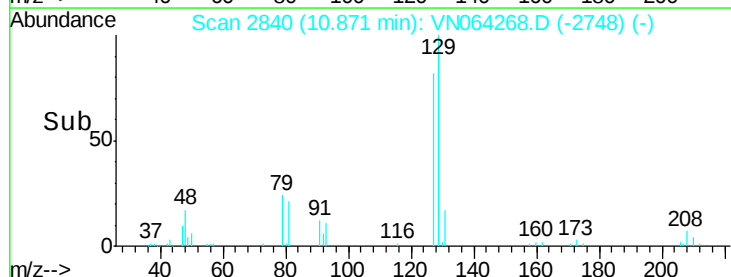
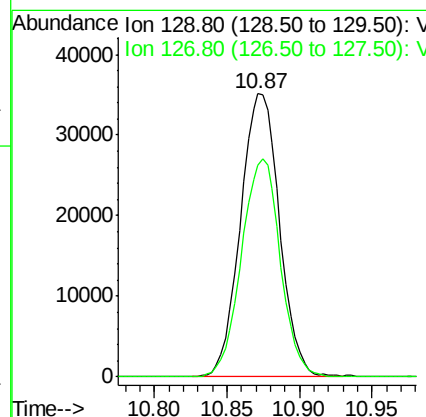
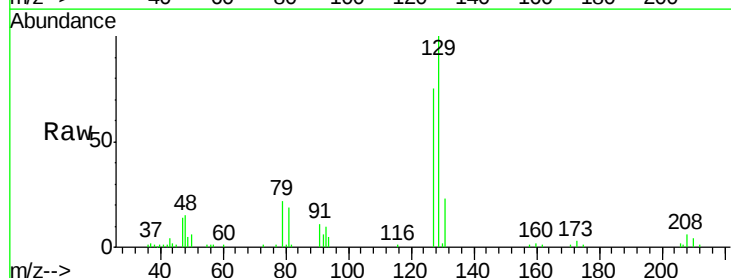
Manual Integrations
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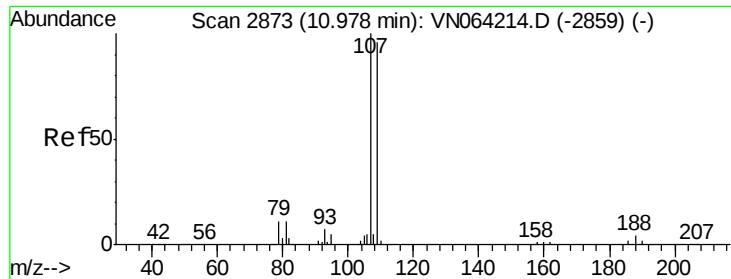
MMDadoda
10/23/2020 3:36:20 PM



#60
Dibromochloromethane
Concen: 18.457 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064268.D
Acq: 22 Oct 2020 22:26

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.5	38.8	116.3





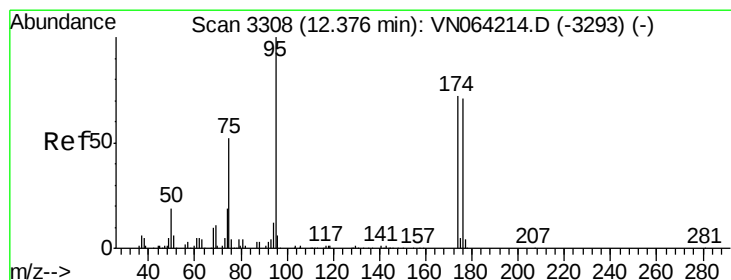
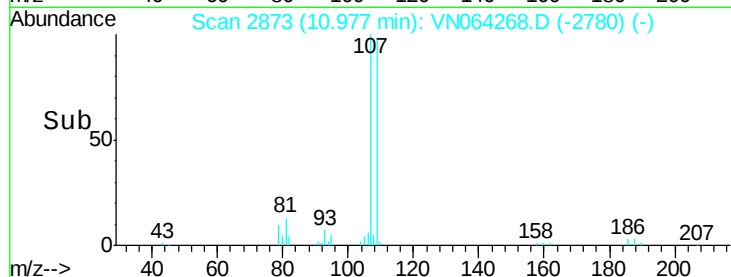
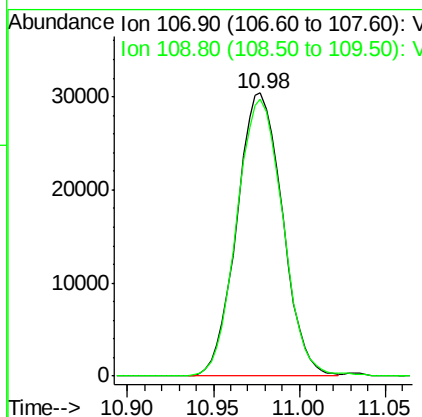
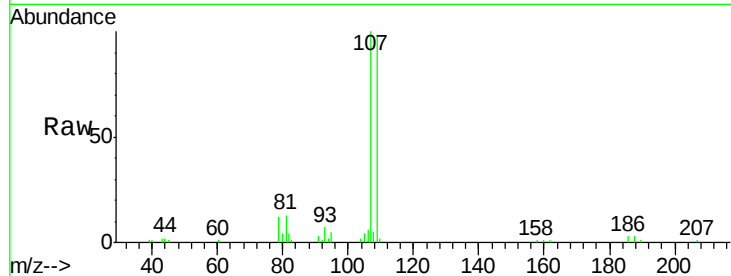
#61
 1,2-Dibromoethane
 Concen: 19.298 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. -0.00 min
 Lab File: VN064268.D
 Acq: 22 Oct 2020 22:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1022WBS02

Tot Ion	Ratio	Lower	Upper
107	100		
109	99.0	76.2	114.4

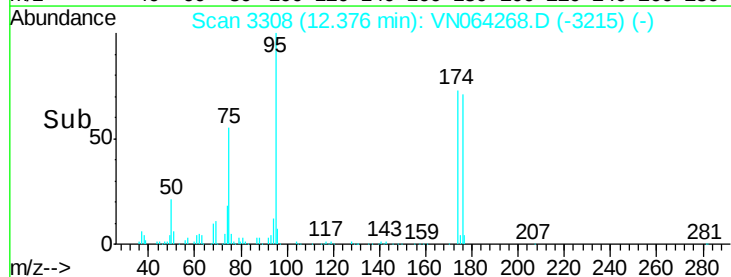
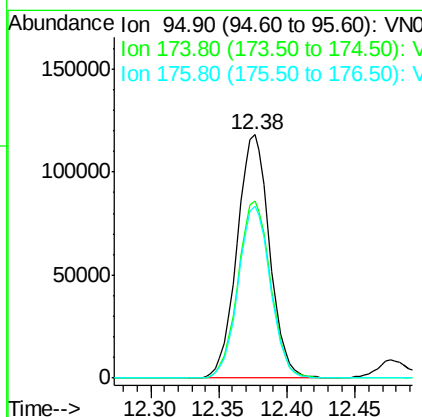
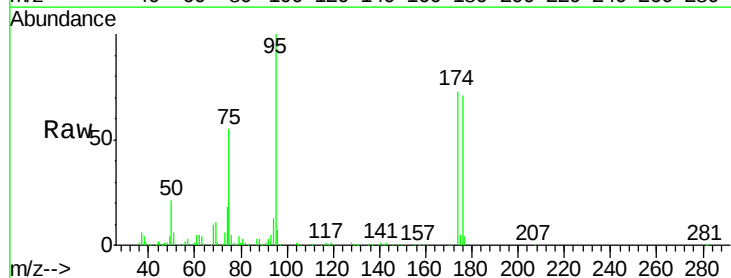
Manual Integrations
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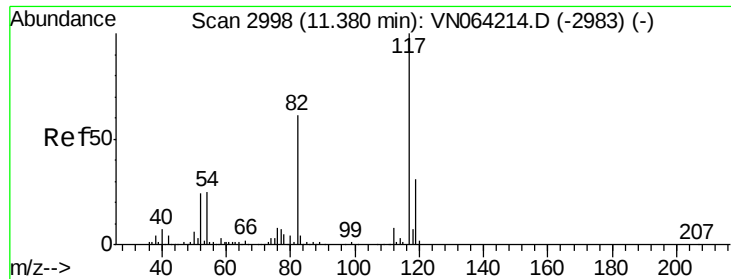
MMDadoda
 10/23/2020 3:36:20 PM



#62
 4-Bromofluorobenzene
 Concen: 48.476 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. -0.00 min
 Lab File: VN064268.D
 Acq: 22 Oct 2020 22:26

Tgt Ion	Ratio	Lower	Upper
95	100		
174	72.8	0.0	144.4
176	69.8	0.0	139.2





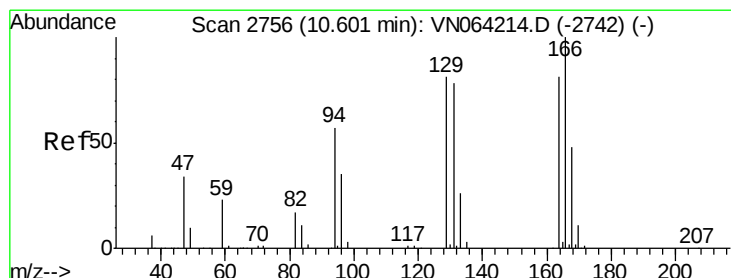
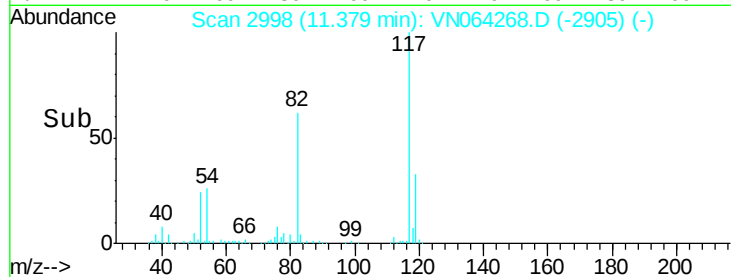
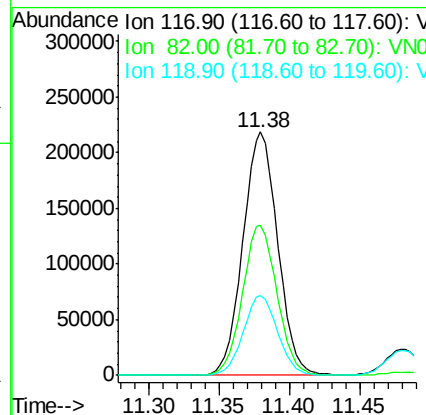
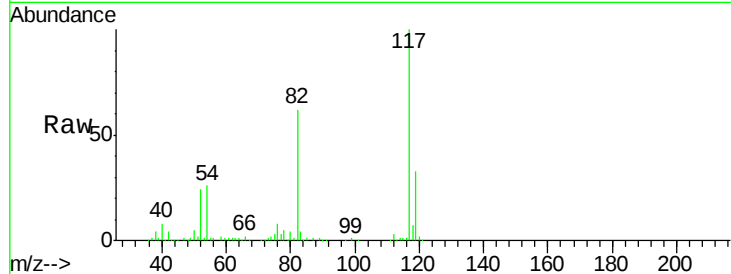
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064268.D
Acq: 22 Oct 2020 22:26

Instrument :
MSVOA_N
ClientSampleId :
VN1022WBS02

Tot Ion	Ratio	Resp	Lower	Upper
117	100	378230		
82	61.9	48.8	73.2	
119	33.0	24.7	37.1	

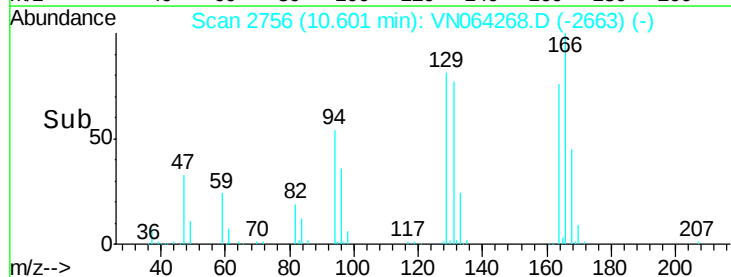
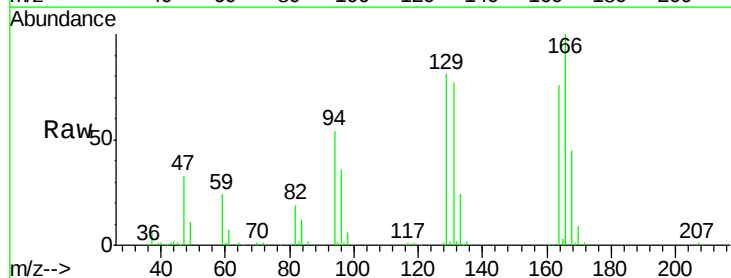
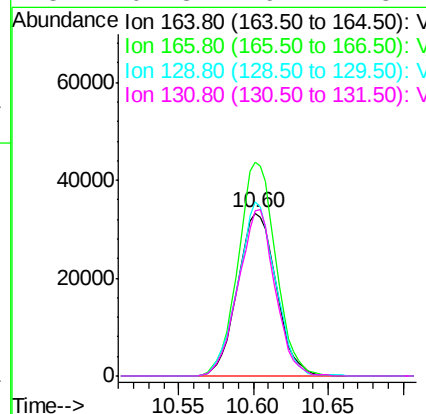
Manual Integrations
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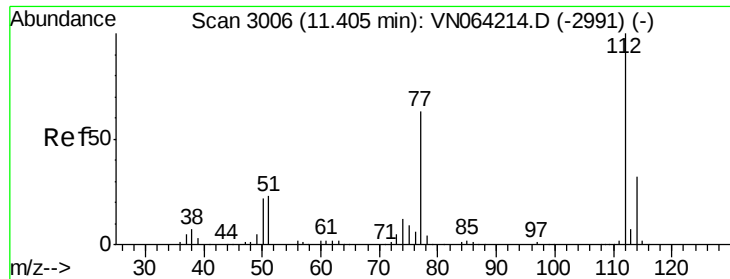
MMDadoda
10/23/2020 3:36:20 PM



#64
Tetrachloroethene
Concen: 19.701 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN064268.D
Acq: 22 Oct 2020 22:26

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	59988		
166	131.4	98.9	148.3	
129	107.0	79.9	119.9	
131	101.3	76.7	115.1	





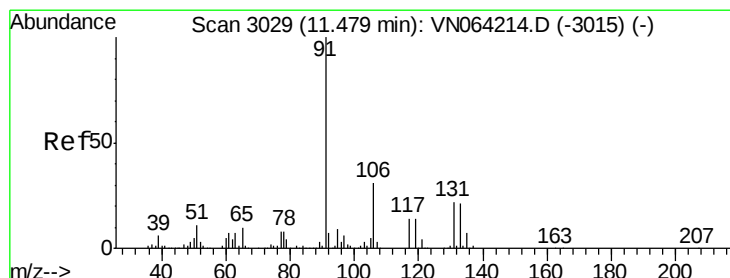
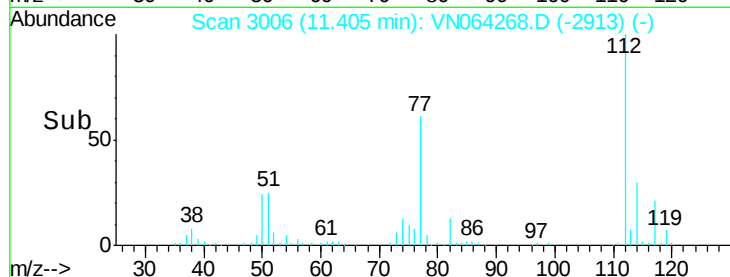
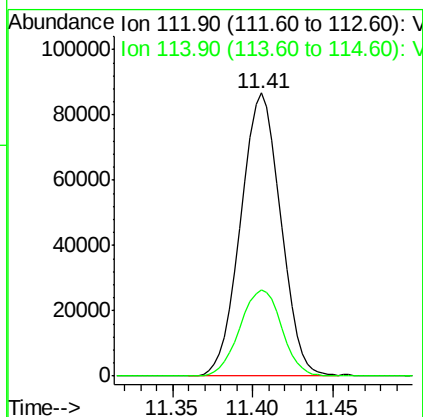
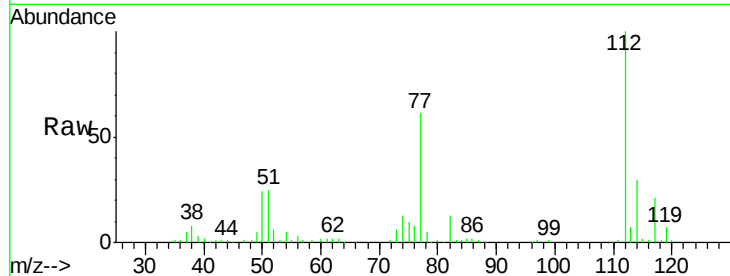
#65
Chlorobenzene
Concen: 18.915 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN064268.D
Acq: 22 Oct 2020 22:26

Instrument :
MSVOA_N
ClientSampleId :
VN1022WBS02

Tot Ion:112 Resp: 148088
Ion Ratio Lower Upper
112 100
114 30.5 25.7 38.5

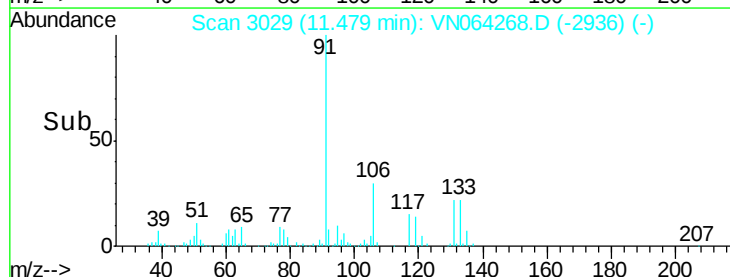
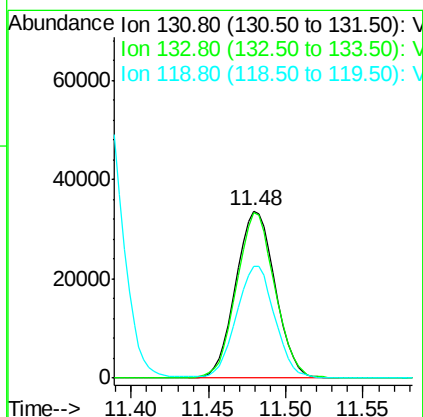
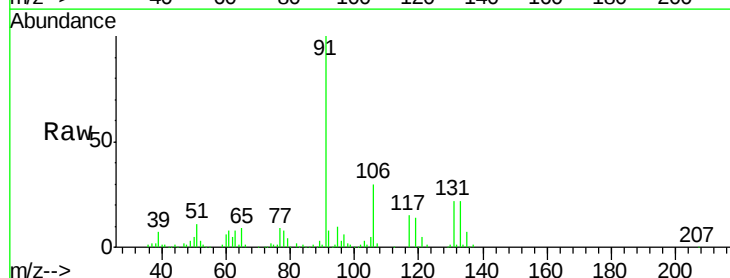
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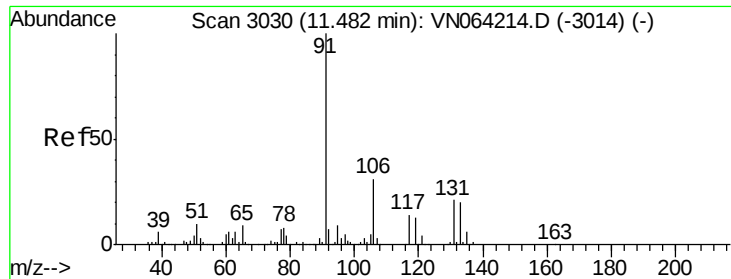
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.242 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN064268.D
Acq: 22 Oct 2020 22:26

Tgt Ion:131 Resp: 59797
Ion Ratio Lower Upper
131 100
133 96.4 47.8 143.4
119 65.0 32.2 96.6





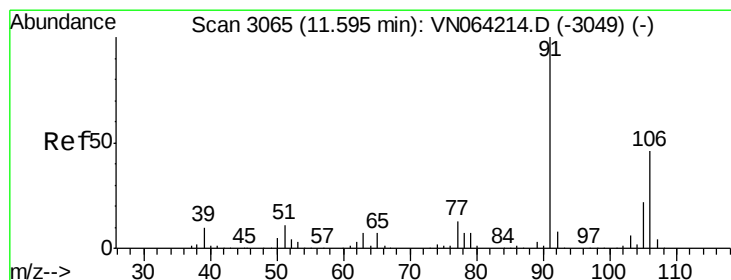
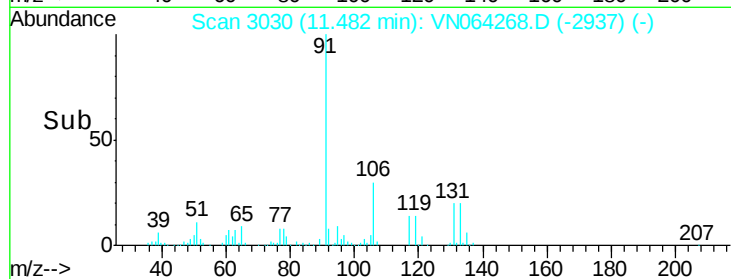
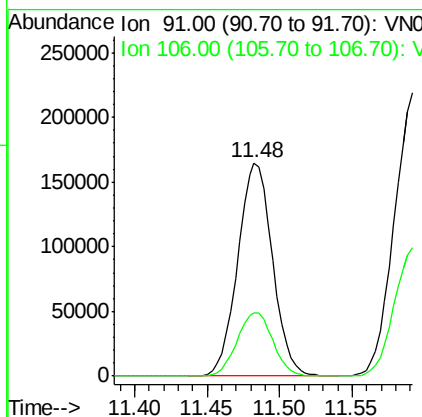
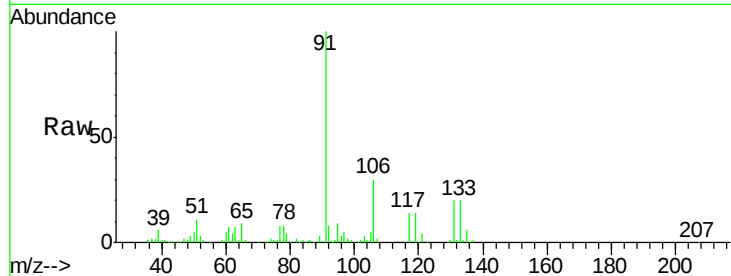
#67
Ethyl Benzene
Concen: 19.062 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN064268.D
Acq: 22 Oct 2020 22:26

Instrument :
MSVOA_N
ClientSampleId :
VN1022WBS02

Tot Ion: 91 Resp: 274263
Ion Ratio Lower Upper
91 100
106 29.9 24.8 37.2

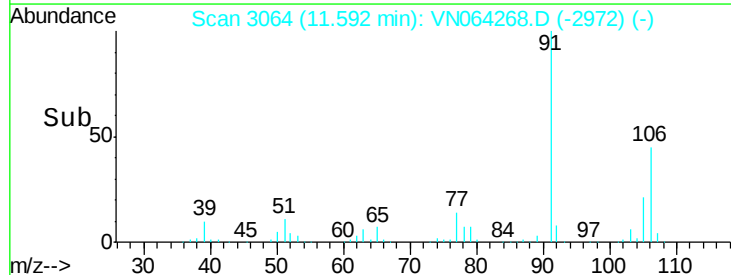
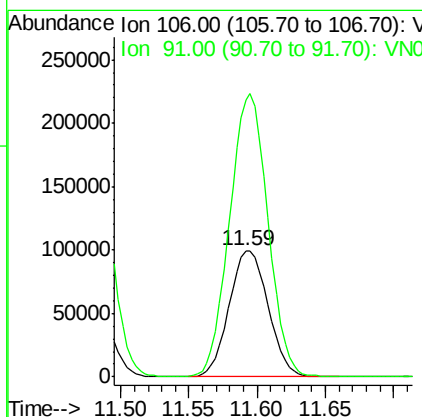
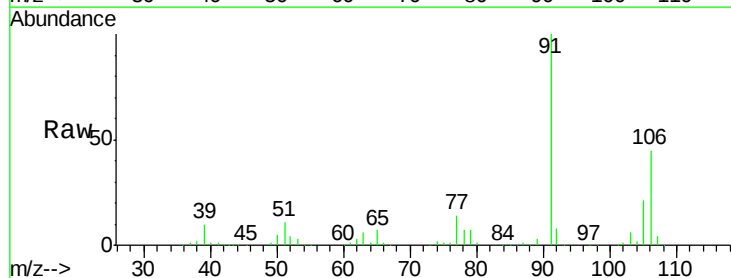
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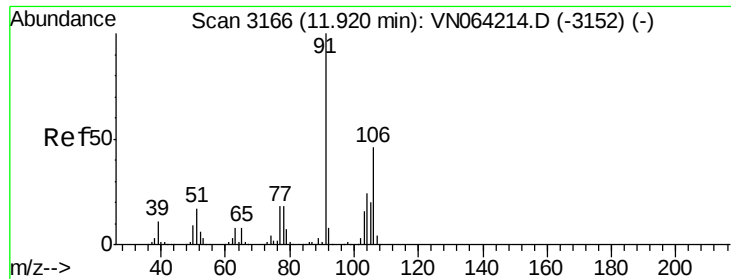
MMDadoda
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#68
m/p-Xylenes
Concen: 37.127 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN064268.D
Acq: 22 Oct 2020 22:26

Tgt Ion: 106 Resp: 197921
Ion Ratio Lower Upper
106 100
91 219.8 172.2 258.2





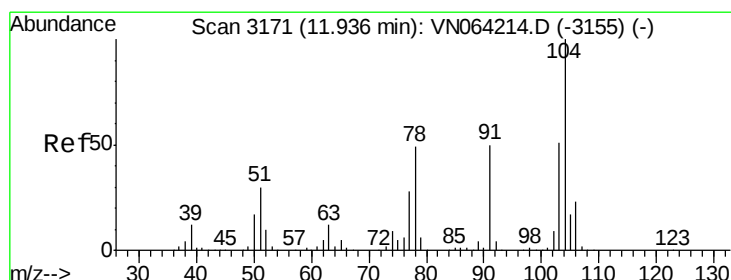
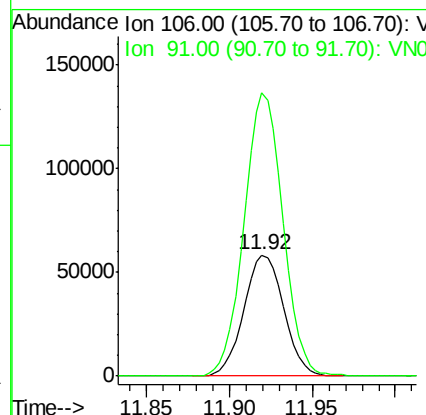
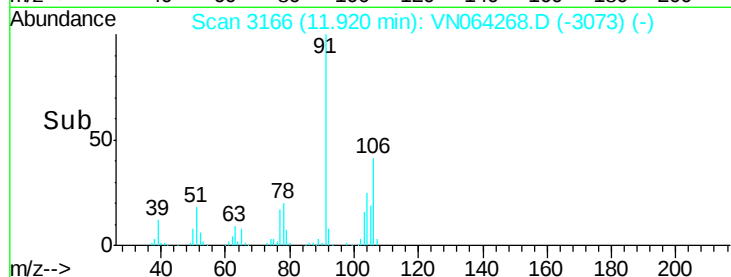
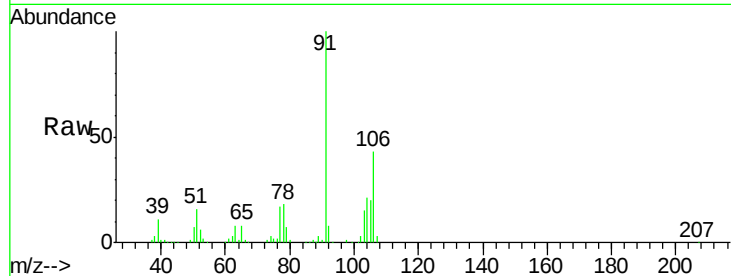
#69
o-Xylene
Concen: 18.990 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN064268.D
Acq: 22 Oct 2020 22:26

Instrument :
MSVOA_N
ClientSampleId :
VN1022WBS02

Tot Ion:106 Resp: 97906
Ion Ratio Lower Upper
106 100
91 227.7 109.9 329.6

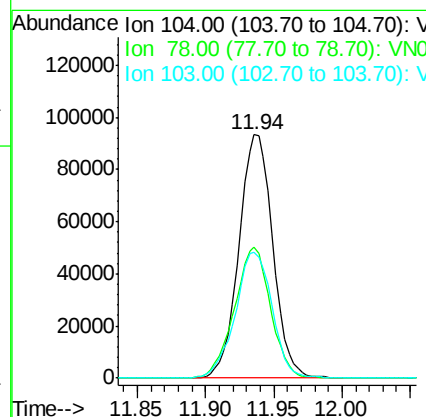
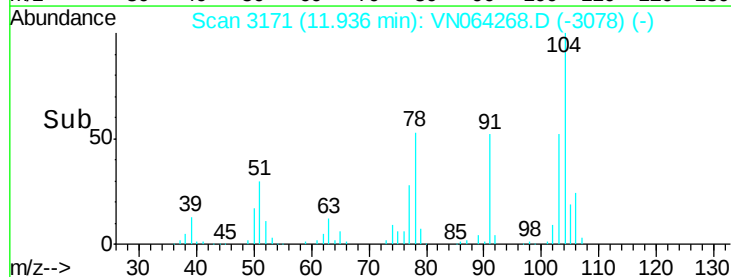
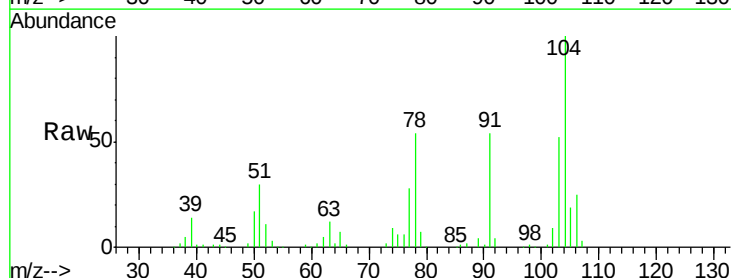
Manual Integrations
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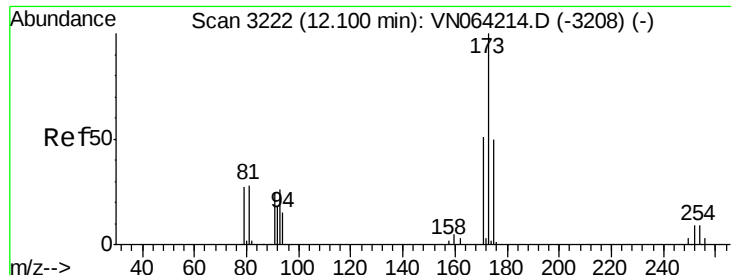
MMDadoda
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#70
Styrene
Concen: 18.669 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN064268.D
Acq: 22 Oct 2020 22:26

Tgt Ion:104 Resp: 161340
Ion Ratio Lower Upper
104 100
78 57.3 43.8 65.6
103 56.2 43.4 65.2





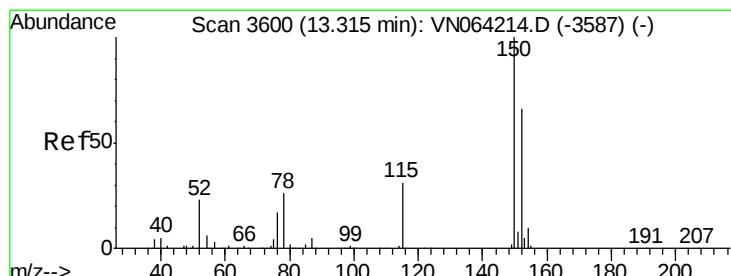
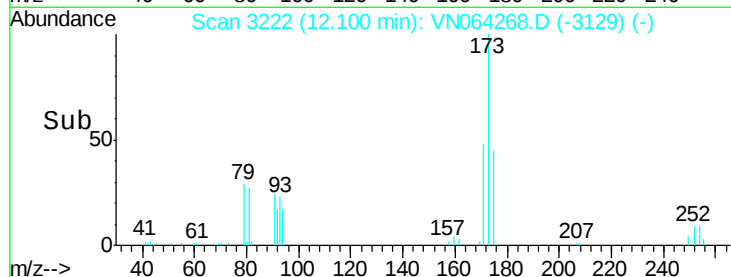
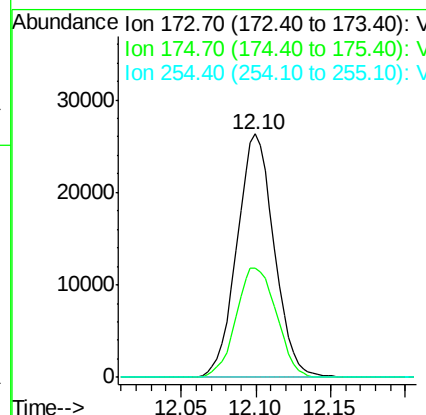
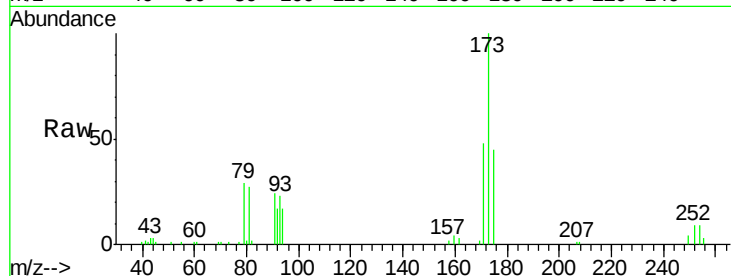
#71
Bromoform
Concen: 18.989 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. -0.00 min
Lab File: VN064268.D
Acq: 22 Oct 2020 22:26

Instrument :
MSVOA_N
ClientSampleId :
VN1022WBS02

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.5	25.1	75.3
254	0.0	0.0	0.0

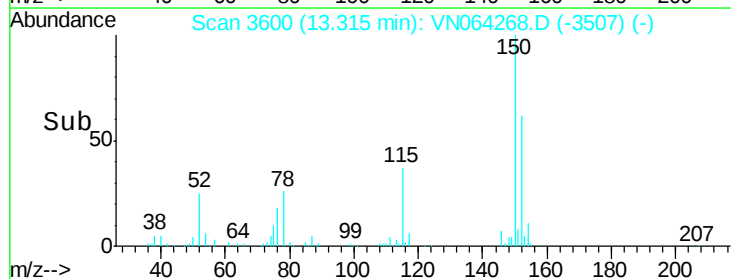
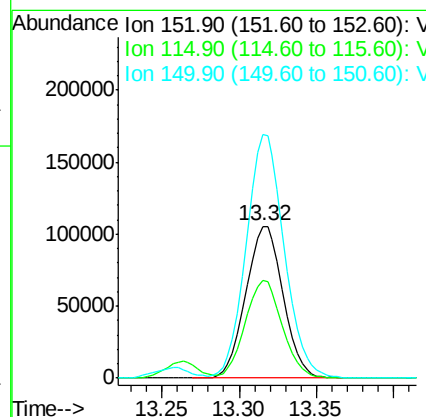
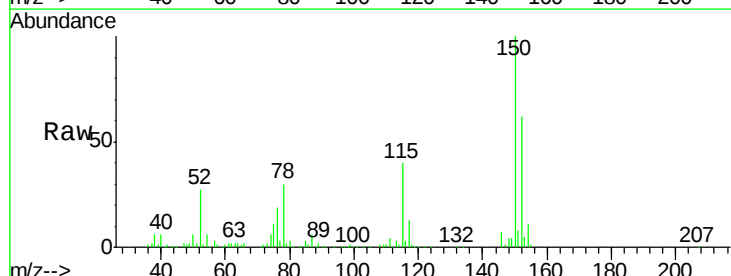
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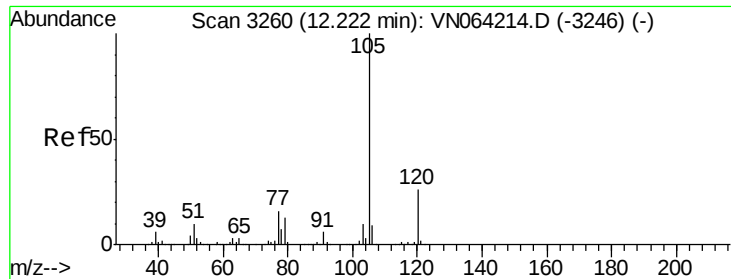
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3600
Delta R.T. -0.00 min
Lab File: VN064268.D
Acq: 22 Oct 2020 22:26

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.1	32.0	96.2
150	163.9	0.0	356.6





#73

Isopropylbenzene

Concen: 19.280 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN064268.D

Acq: 22 Oct 2020 22:26

Instrument :

MSVOA_N

ClientSampleId :

VN1022WBS02

Tot Ion: 105 Resp: 259915

Ion Ratio Lower Upper

105 100

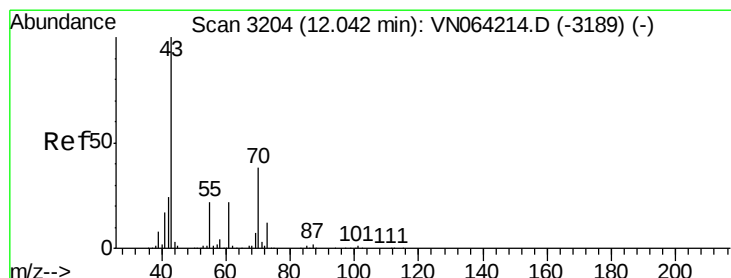
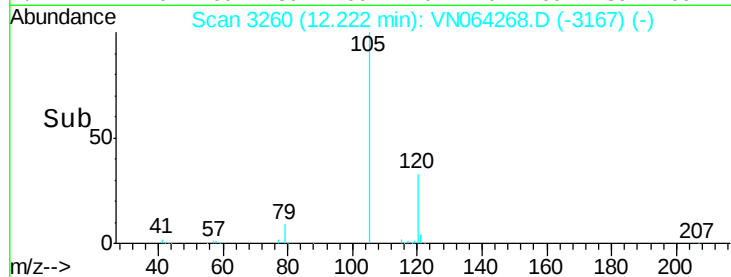
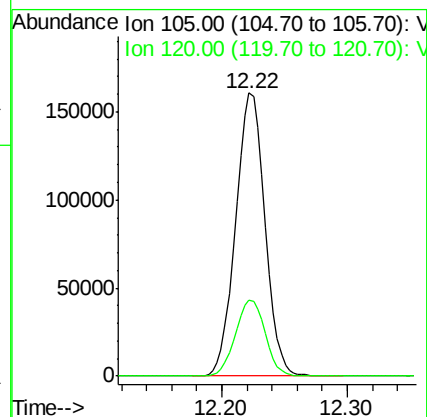
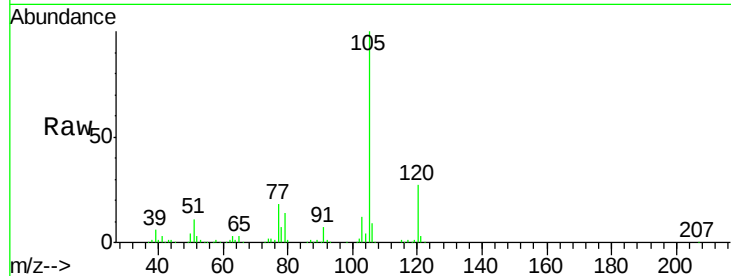
120 27.4 12.9 38.7

Manual Integrations

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#74

N-ethyl acetate

Concen: 19.212 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VN064268.D

Acq: 22 Oct 2020 22:26

Tgt Ion: 43 Resp: 111913

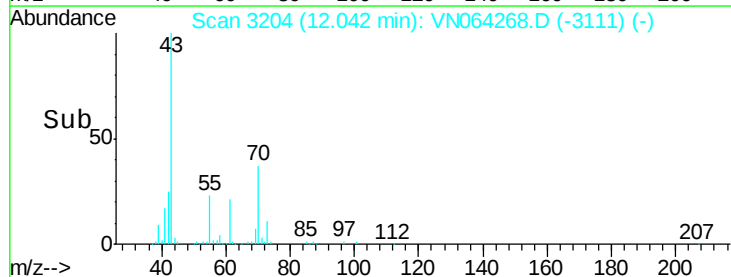
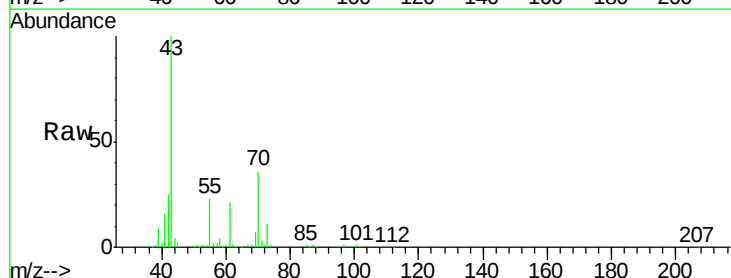
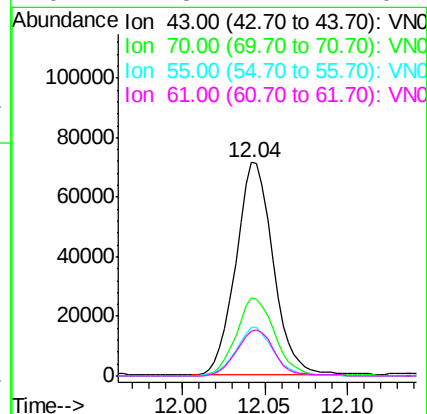
Ion Ratio Lower Upper

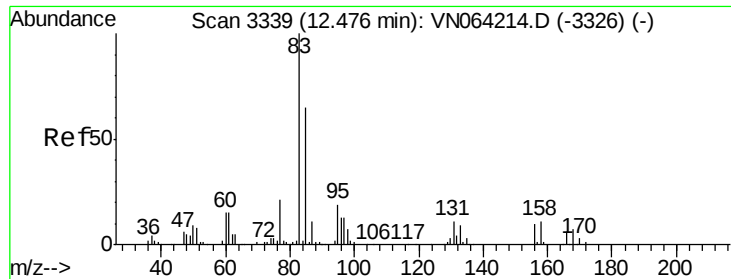
43 100

70 38.1 30.2 45.4

55 23.0 18.0 27.0

61 21.8 17.4 26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 19.715 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN064268.D

Acq: 22 Oct 2020 22:26

Instrument :

MSVOA_N

ClientSampleId :

VN1022WBS02

Tot Ion: 83 Resp: 70528

Ion Ratio Lower Upper

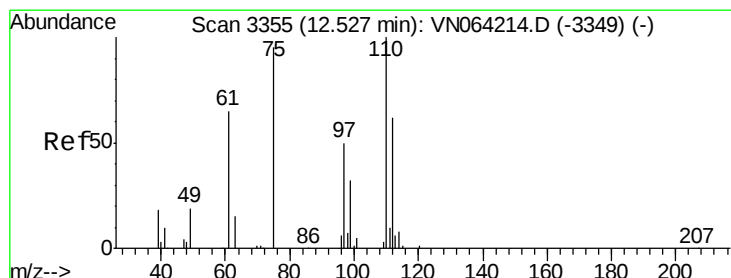
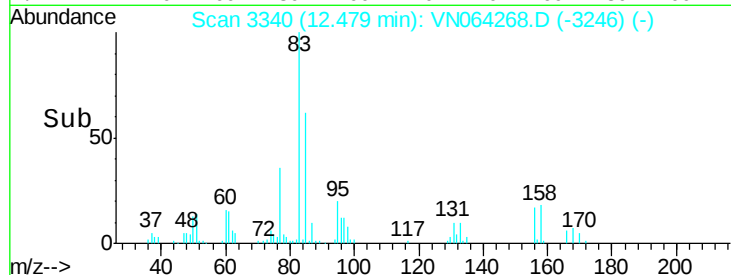
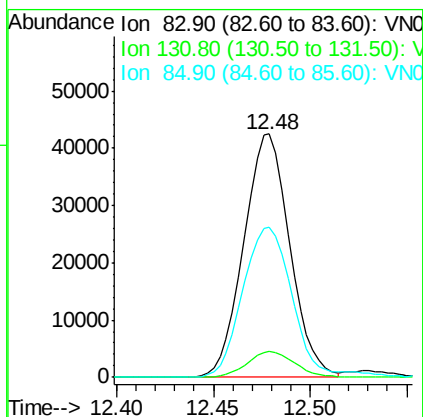
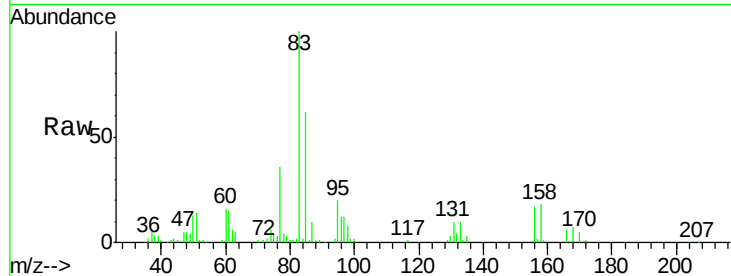
83 100

131 11.1 5.5 16.7

85 66.9 32.4 97.0

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#76

1,2,3-Trichloropropane

Concen: 18.975 ug/l m

RT: 12.53 min Scan# 3355

Delta R.T. -0.00 min

Lab File: VN064268.D

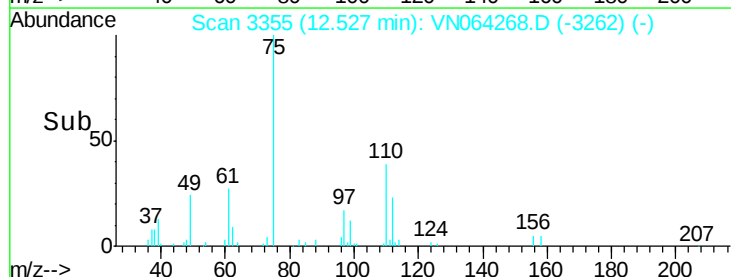
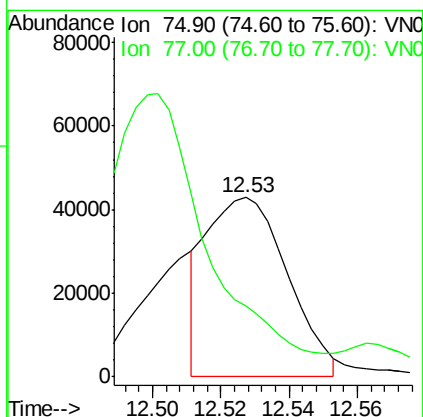
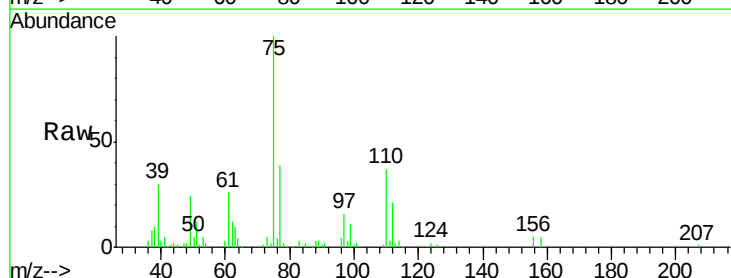
Acq: 22 Oct 2020 22:26

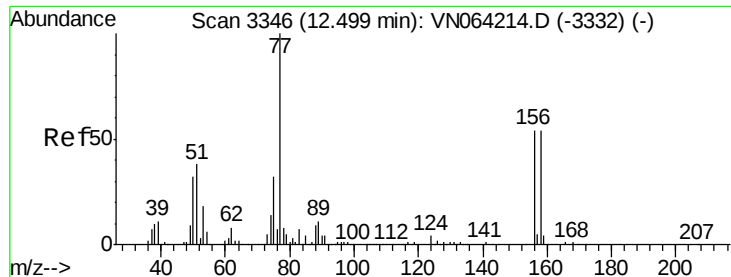
Tgt Ion: 75 Resp: 70705

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.471 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN064268.D

Acq: 22 Oct 2020 22:26

Instrument :

MSVOA_N

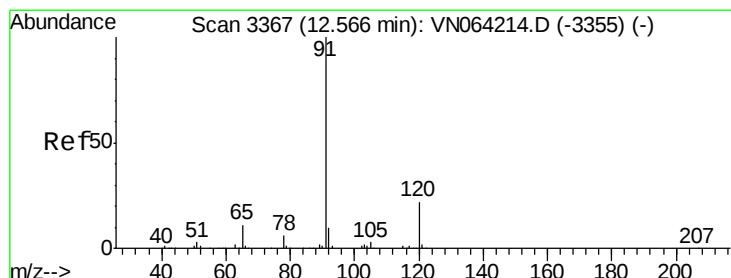
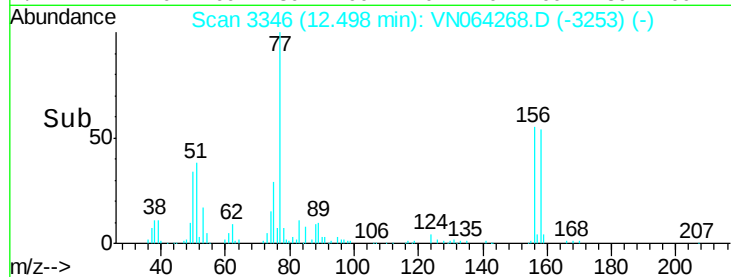
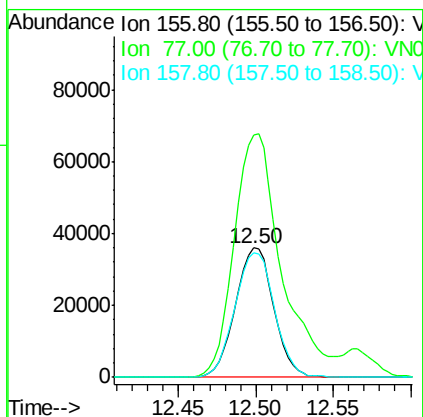
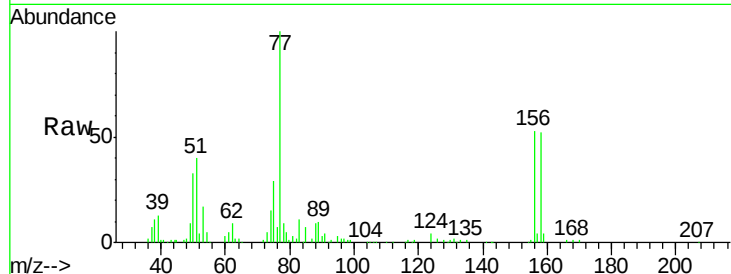
ClientSampleId :

VN1022WBS02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100		61965		
77	231.9	111.1	333.4		
158	100.0	50.0	150.1		

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#78

n-propylbenzene

Concen: 19.421 ug/l

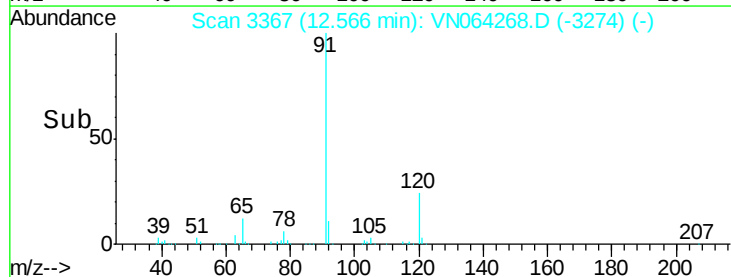
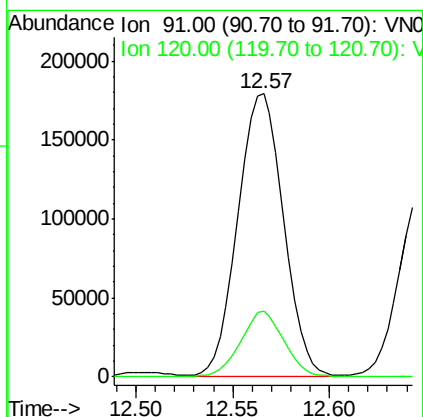
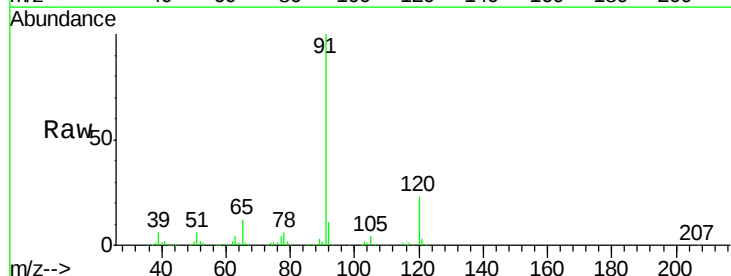
RT: 12.57 min Scan# 3367

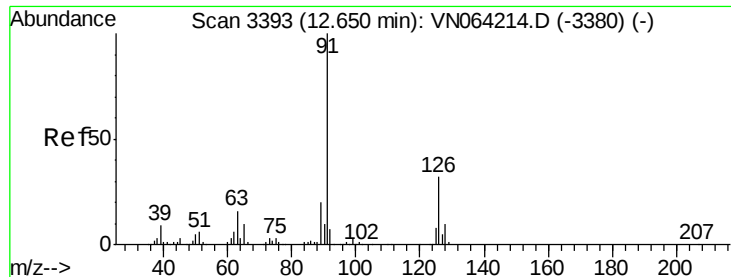
Delta R.T. -0.00 min

Lab File: VN064268.D

Acq: 22 Oct 2020 22:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		295184		
120	22.0	11.1	33.1		





#79

2-Chlorotoluene

Concen: 20.156 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN064268.D

Acq: 22 Oct 2020 22:26

Instrument :

MSVOA_N

ClientSampleId :

VN1022WBS02

Tot Ion: 91 Resp: 188173

Ion Ratio Lower Upper

91 100

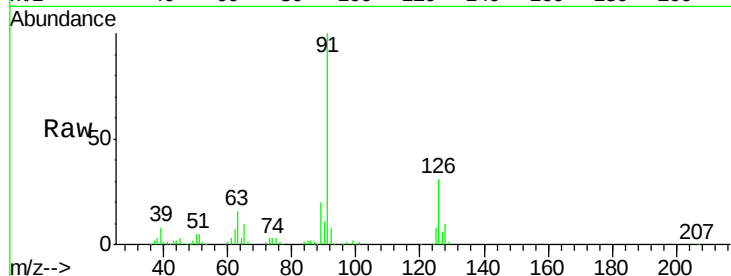
126 31.9 16.0 48.0

Manual Integrations

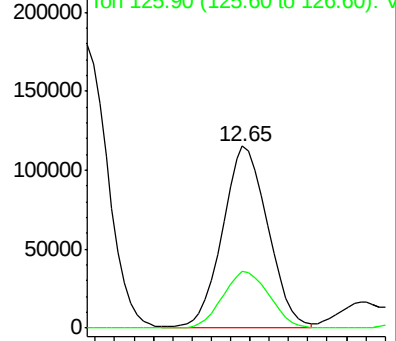
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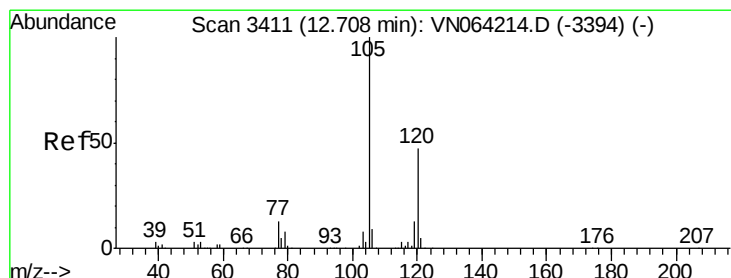
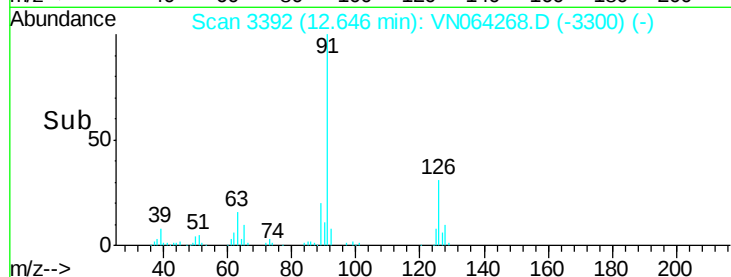
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Abundance Ion 91.00 (90.70 to 91.70): VN064214.D (-3380) (-)



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 19.633 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN064268.D

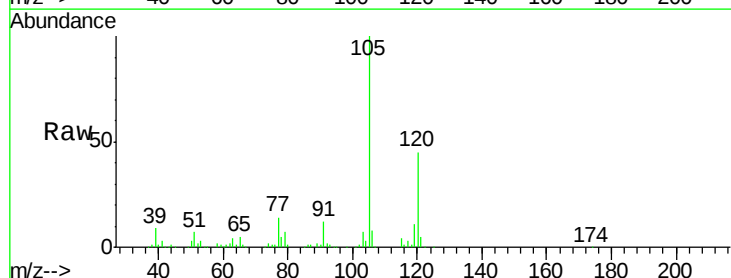
Acq: 22 Oct 2020 22:26

Tgt Ion: 105 Resp: 223747

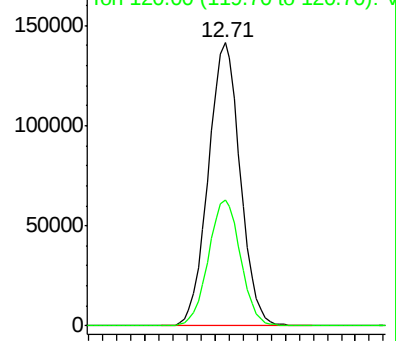
Ion Ratio Lower Upper

105 100

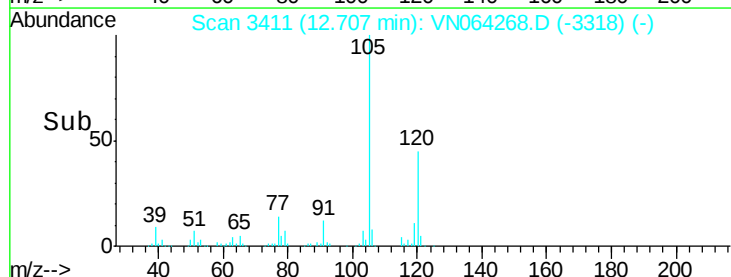
120 44.8 23.4 70.0

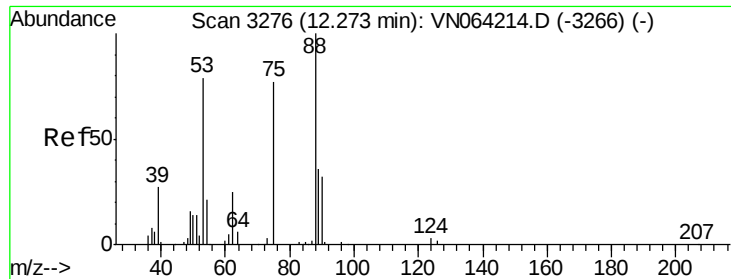


Abundance Ion 105.00 (104.70 to 105.70): VN064214.D (-3394) (-)



Time-->





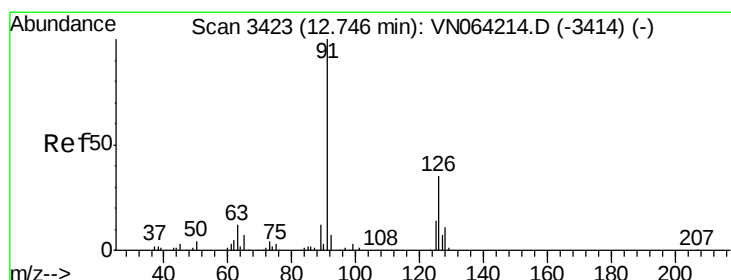
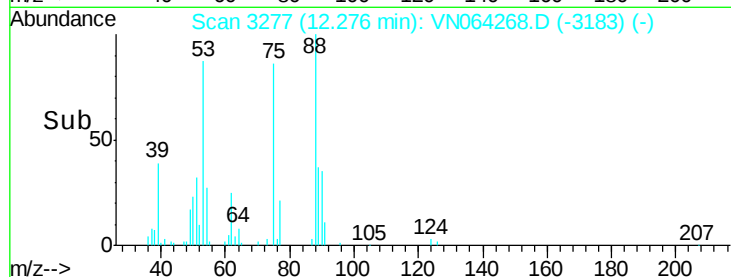
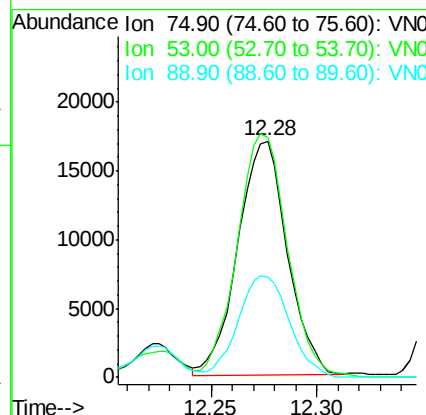
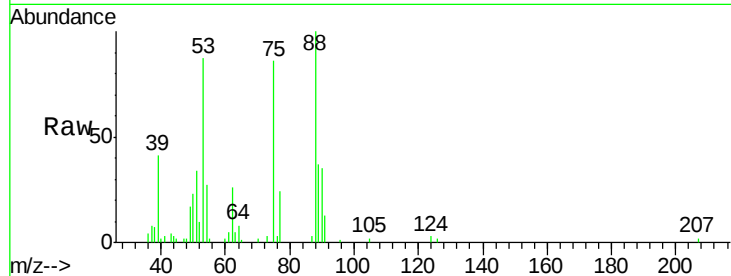
#81
trans-1,4-Dichloro-2-butene
Concen: 18.711 ug/l
RT: 12.28 min Scan# 3277
Delta R.T. 0.00 min
Lab File: VN064268.D
Acq: 22 Oct 2020 22:26

Instrument :
MSVOA_N
ClientSampleId :
VN1022WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
53	106.5	81.0	121.4
89	44.9	38.7	58.1

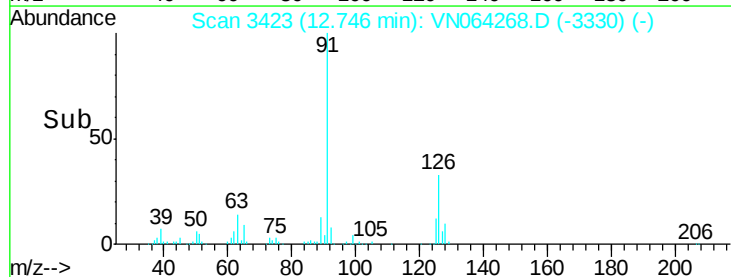
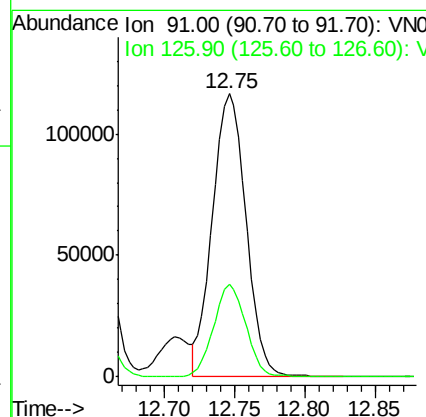
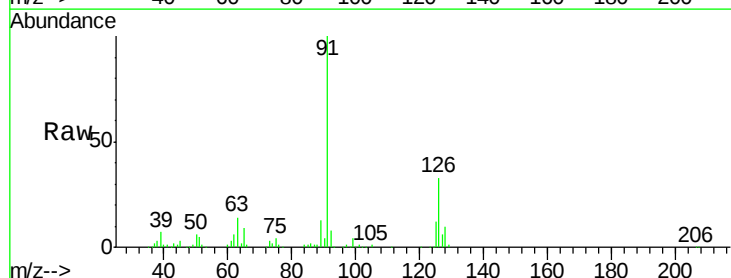
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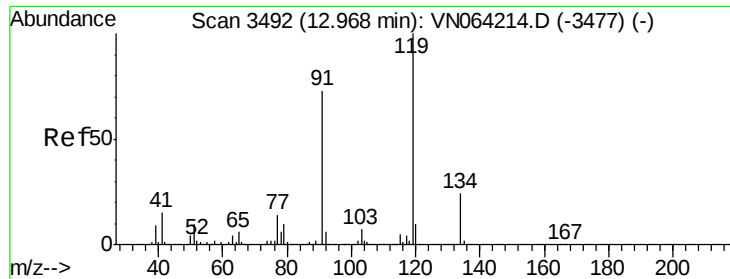
MMDadoda
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#82
4-Chlorotoluene
Concen: 19.738 ug/l
RT: 12.75 min Scan# 3423
Delta R.T. -0.00 min
Lab File: VN064268.D
Acq: 22 Oct 2020 22:26

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.4	15.8	47.3





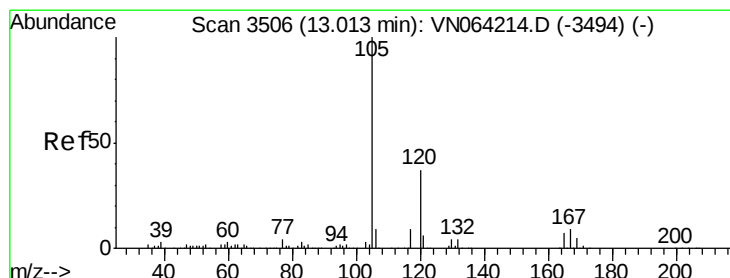
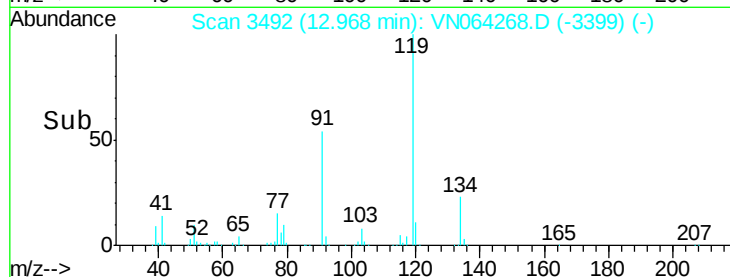
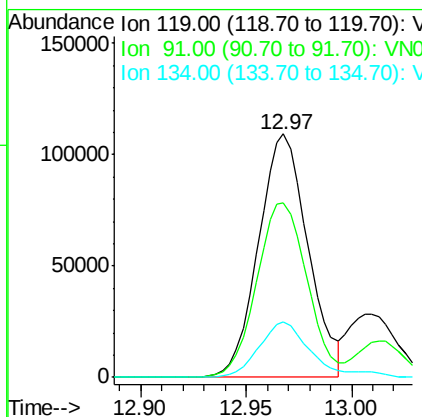
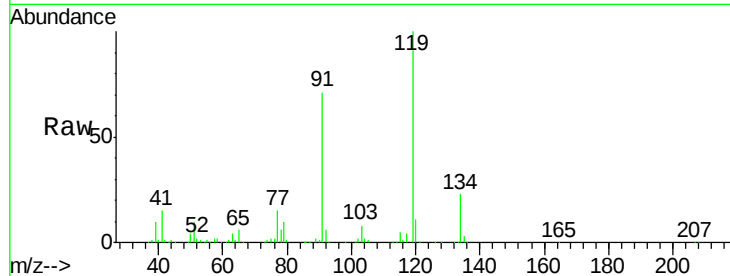
#83
tert-Butylbenzene
Concen: 19.145 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. -0.00 min
Lab File: VN064268.D
Acq: 22 Oct 2020 22:26

Instrument :
MSVOA_N
ClientSampleId :
VN1022WBS02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	178893		
91	73.2	35.1	105.3	
134	22.7	11.6	34.8	

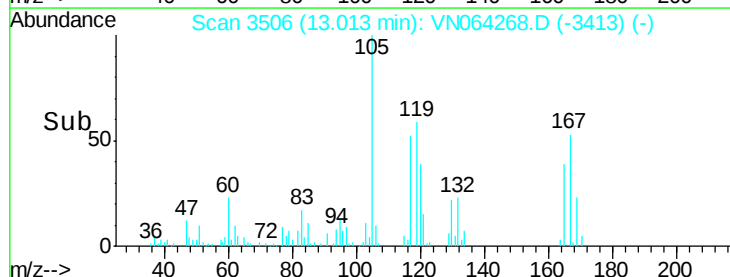
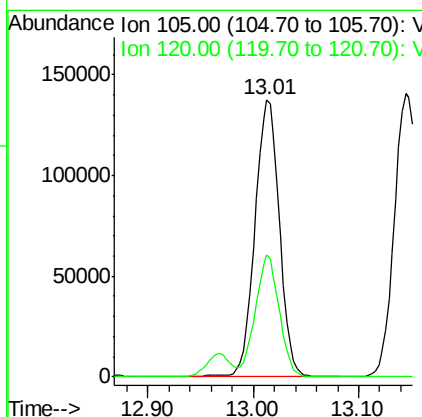
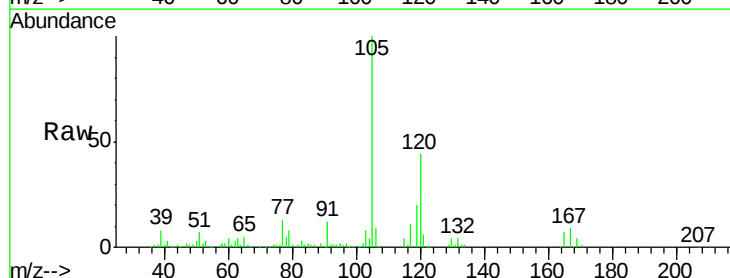
Manual Integrations
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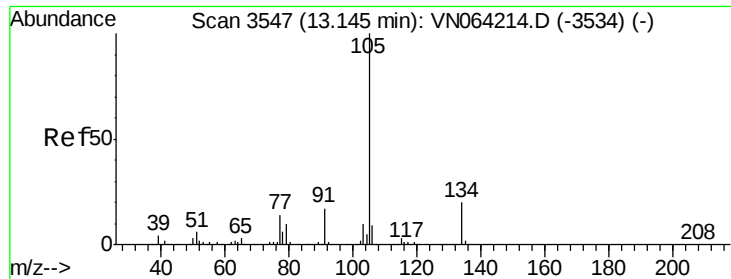
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 19.684 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. -0.00 min
Lab File: VN064268.D
Acq: 22 Oct 2020 22:26

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	223278		
120	43.1	21.5	64.5	





#85

sec-Butylbenzene

Concen: 19.351 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN064268.D

Acq: 22 Oct 2020 22:26

Instrument :

MSVOA_N

ClientSampleId :

VN1022WBS02

Tot Ion:105 Resp: 227953

Ion Ratio Lower Upper

105 100

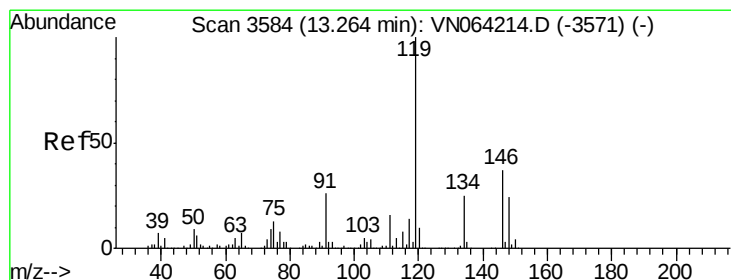
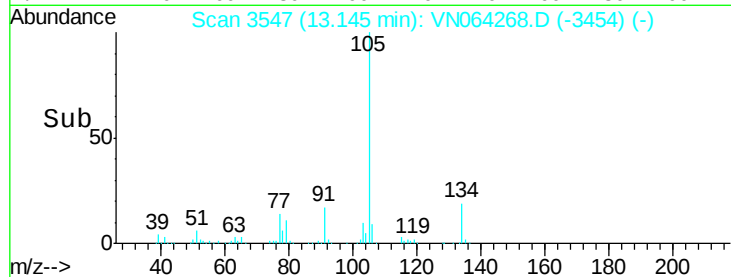
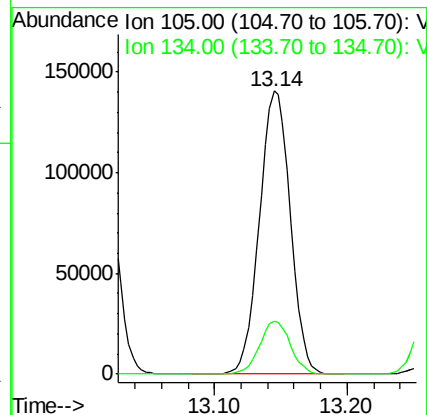
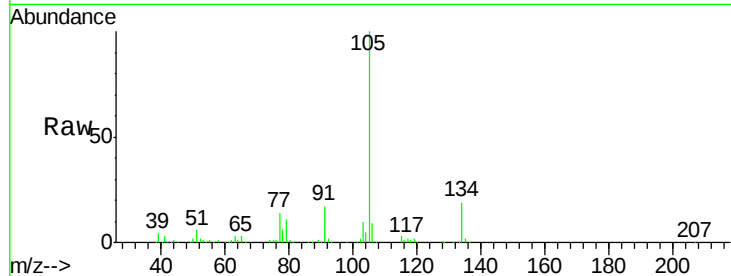
134 18.6 9.7 29.1

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 19.929 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. -0.00 min

Lab File: VN064268.D

Acq: 22 Oct 2020 22:26

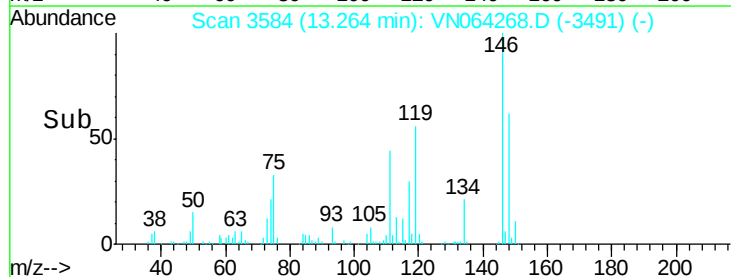
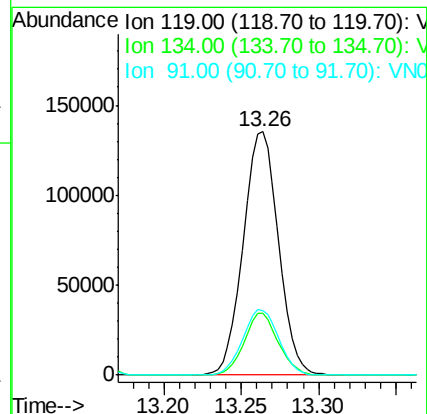
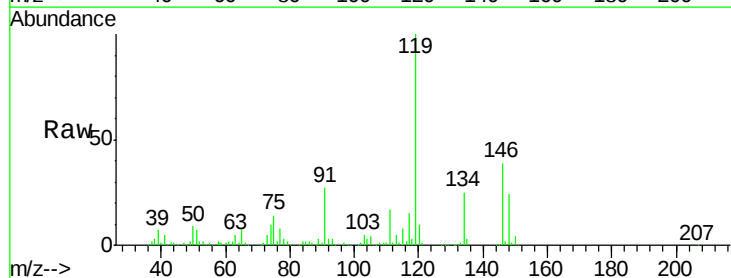
Tgt Ion:119 Resp: 213774

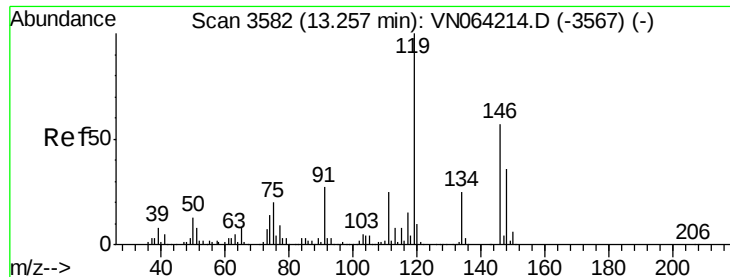
Ion Ratio Lower Upper

119 100

134 24.8 13.1 39.3

91 27.4 13.4 40.2





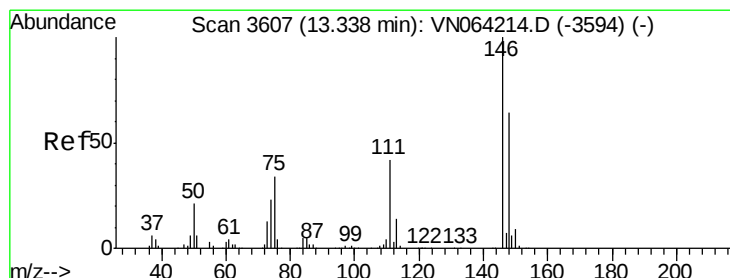
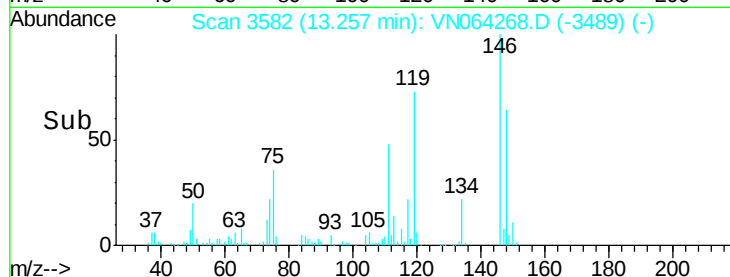
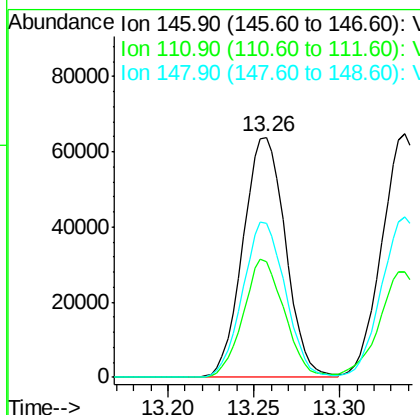
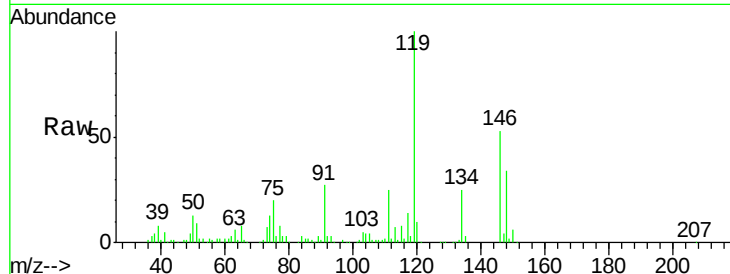
#87
 1,3-Dichlorobenzene
 Concen: 19.379 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN064268.D
 Acq: 22 Oct 2020 22:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1022WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	47.5	21.6	65.0
148	64.8	31.7	95.1

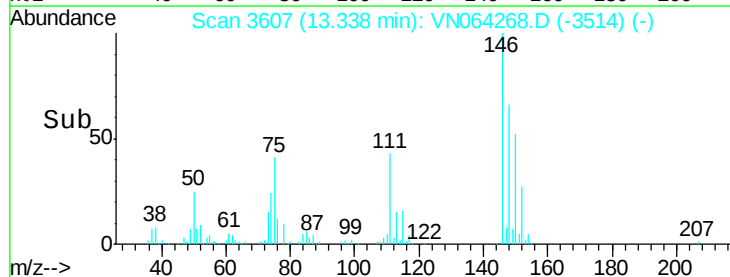
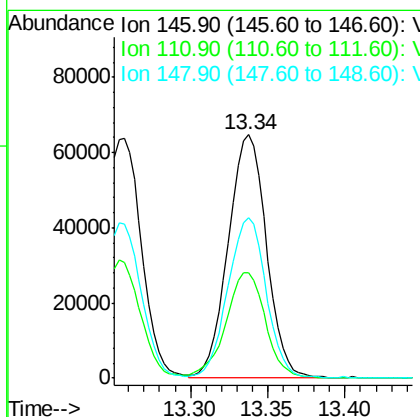
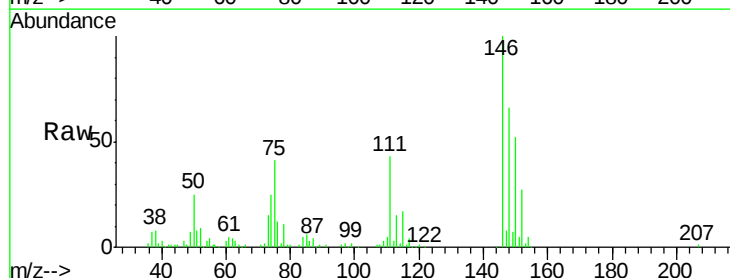
Manual Integrations
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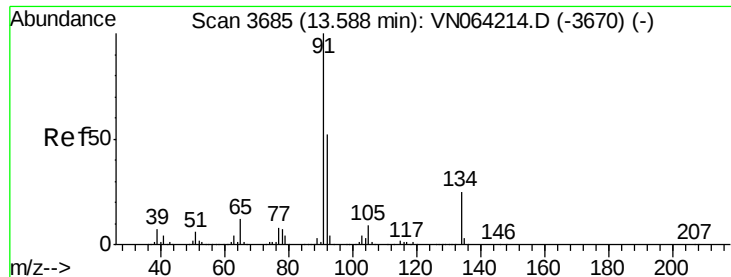
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#88
 1,4-Dichlorobenzene
 Concen: 19.109 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. -0.00 min
 Lab File: VN064268.D
 Acq: 22 Oct 2020 22:26

Tgt Ion	Ratio	Lower	Upper
146	100		
111	45.1	21.5	64.5
148	66.3	32.0	96.0





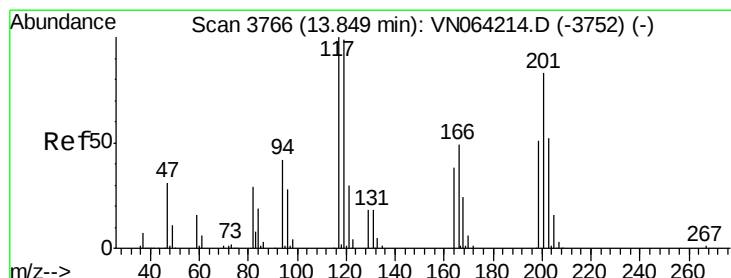
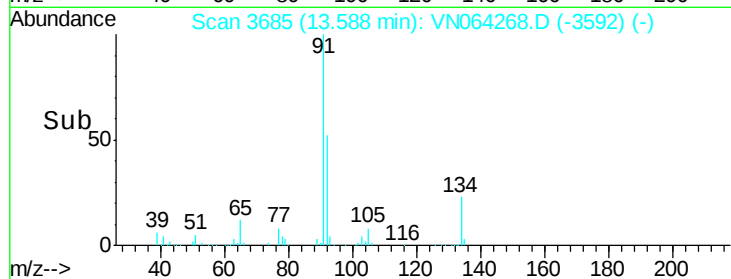
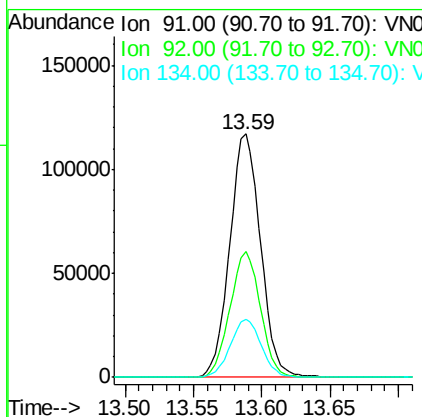
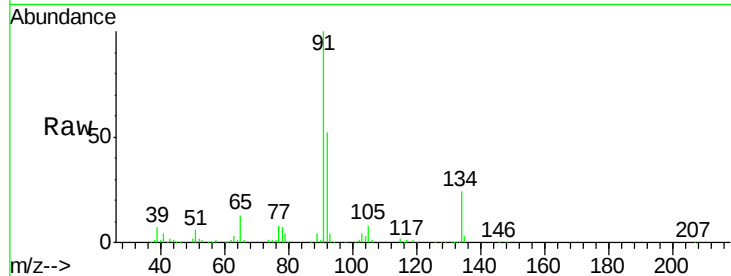
#89
n-Butylbenzene
Concen: 19.126 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN064268.D
Acq: 22 Oct 2020 22:26

Instrument :
MSVOA_N
ClientSampleId :
VN1022WBS02

Tot Ion	Ratio	Lower	Upper
91	100		
92	50.9	25.7	77.0
134	24.1	12.3	36.8

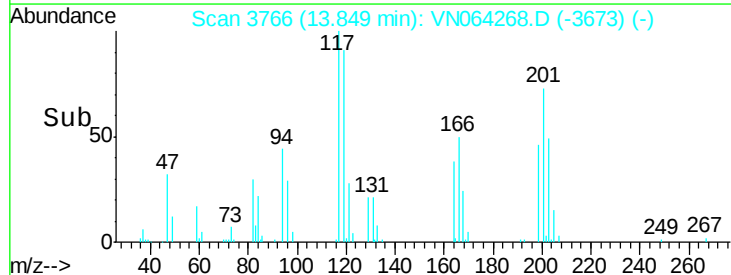
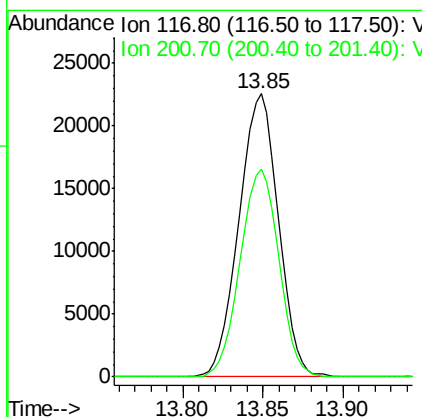
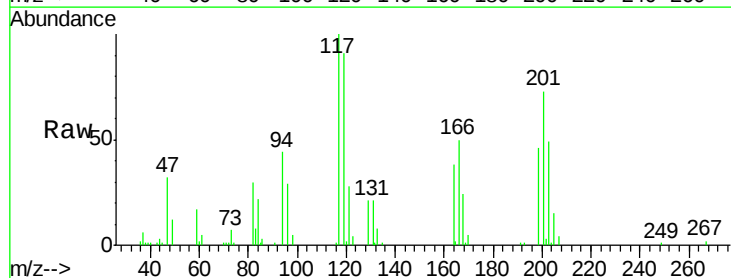
Manual Integrations
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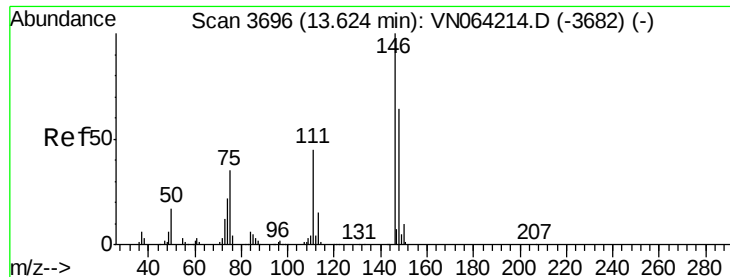
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#90
Hexachloroethane
Concen: 19.521 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. -0.00 min
Lab File: VN064268.D
Acq: 22 Oct 2020 22:26

Tgt Ion	Ratio	Lower	Upper
117	100		
201	71.9	40.1	120.3





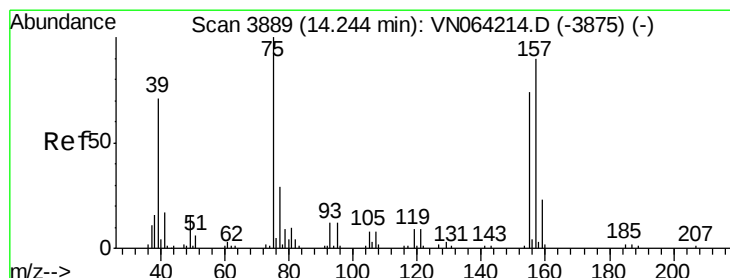
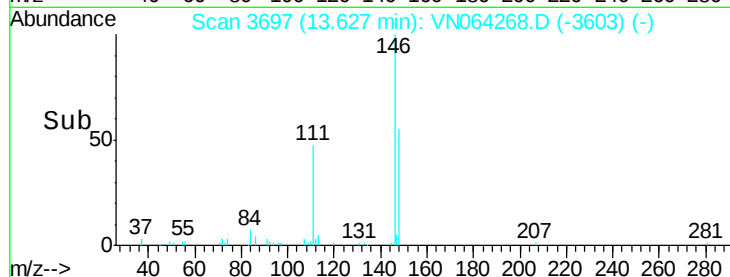
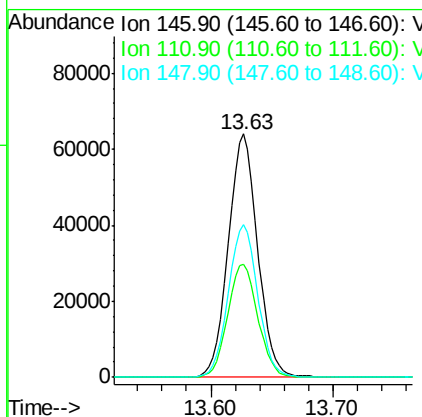
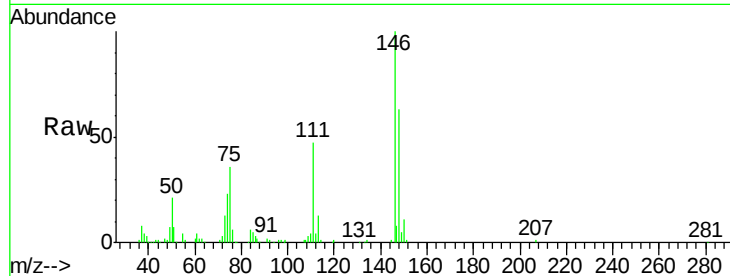
#91
 1,2-Dichlorobenzene
 Concen: 19.384 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064268.D
 Acq: 22 Oct 2020 22:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1022WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	47.7	22.9	68.7
148	62.9	31.9	95.5

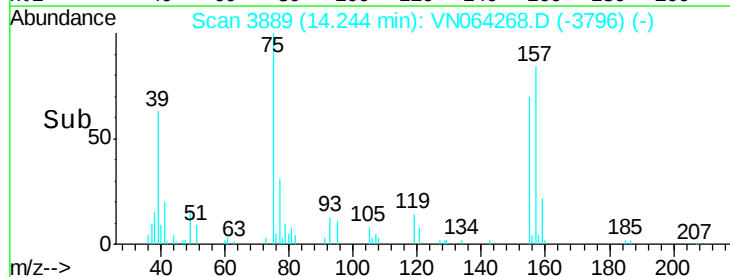
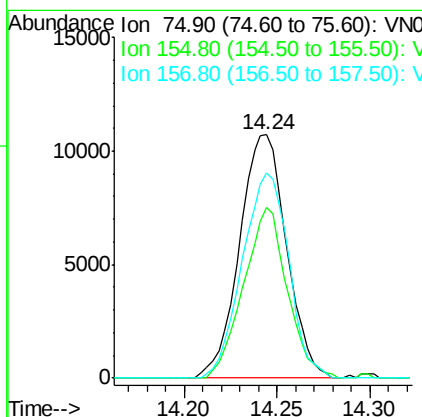
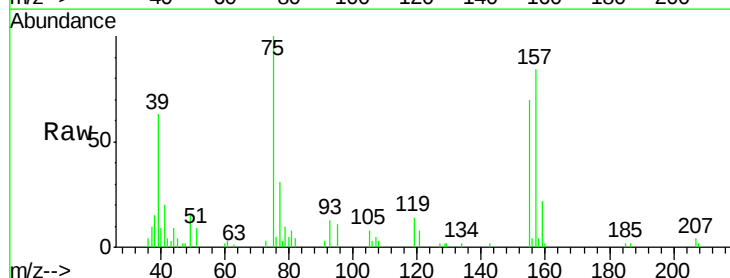
Manual Integrations
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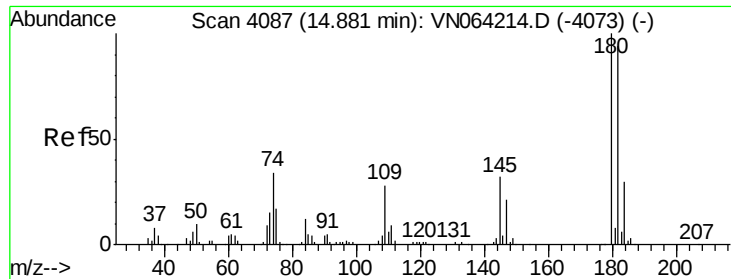
MMDadoda
 10/23/2020 3:36:20 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.156 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. -0.00 min
 Lab File: VN064268.D
 Acq: 22 Oct 2020 22:26

Tgt Ion	Ratio	Lower	Upper
75	100		
155	65.0	36.9	110.7
157	83.0	44.6	133.8





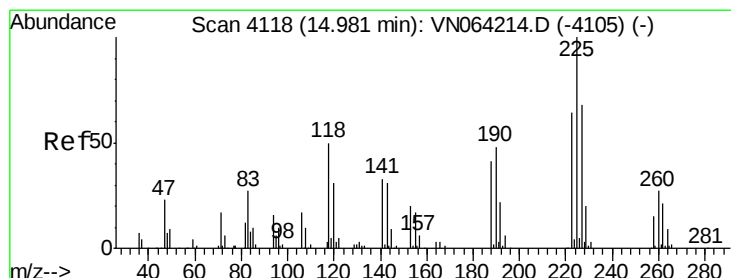
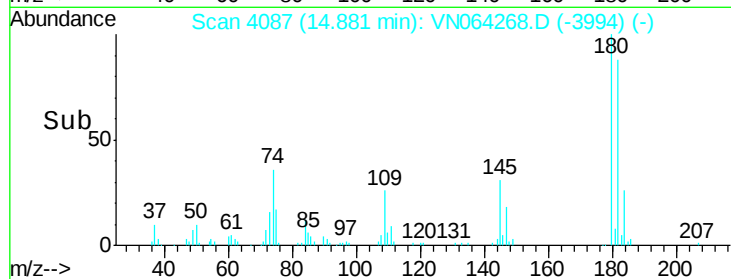
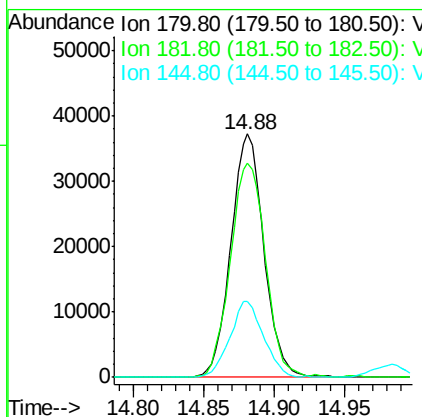
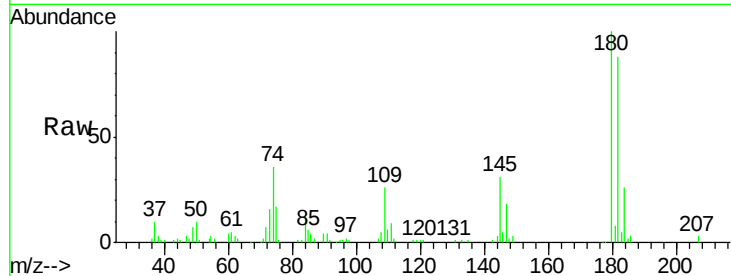
#93
 1,2,4-Trichlorobenzene
 Concen: 19.607 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. -0.00 min
 Lab File: VN064268.D
 Acq: 22 Oct 2020 22:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1022WBS02

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.5	46.9	140.7
145	31.6	16.1	48.3

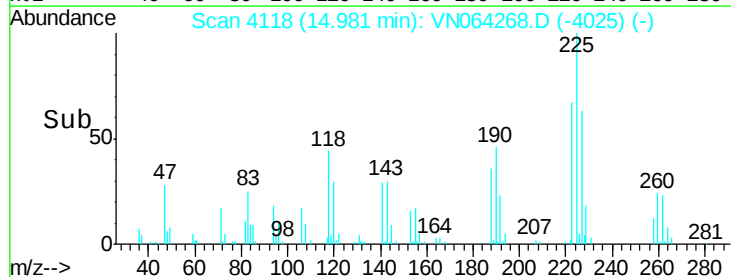
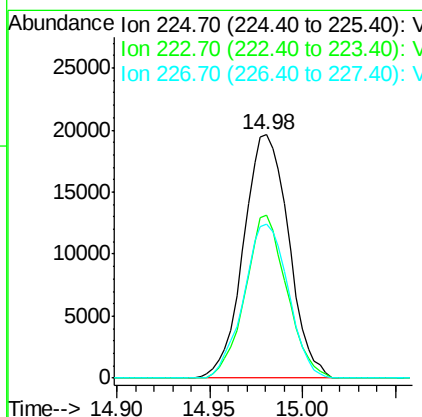
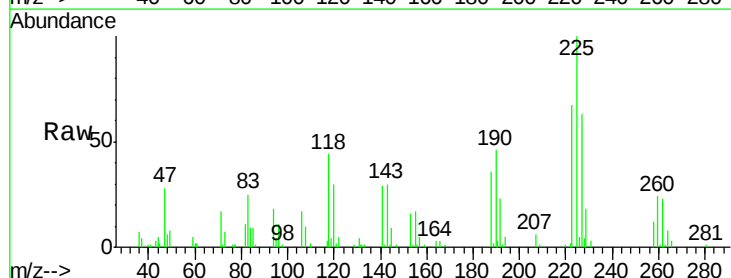
Manual Integrations
 APPROVED

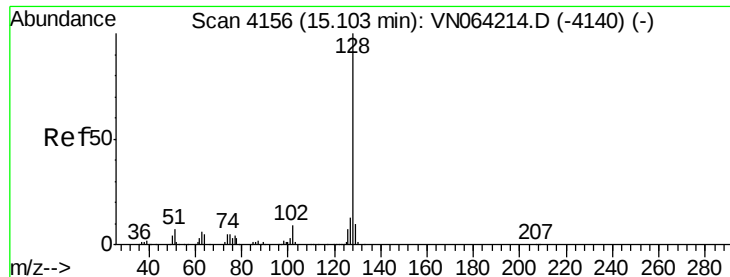
MMDadoda
 10/23/2020 3:36:20 PM



#94
 Hexachlorobutadiene
 Concen: 19.706 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN064268.D
 Acq: 22 Oct 2020 22:26

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.7	31.5	94.5
227	62.2	32.1	96.5





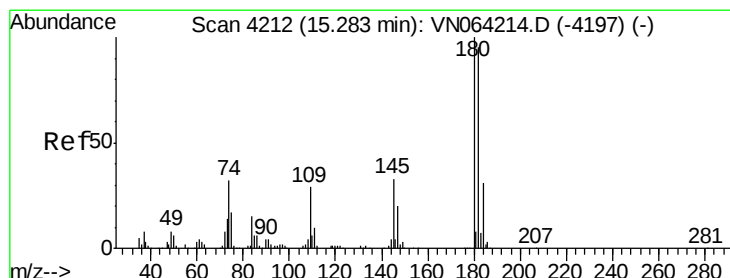
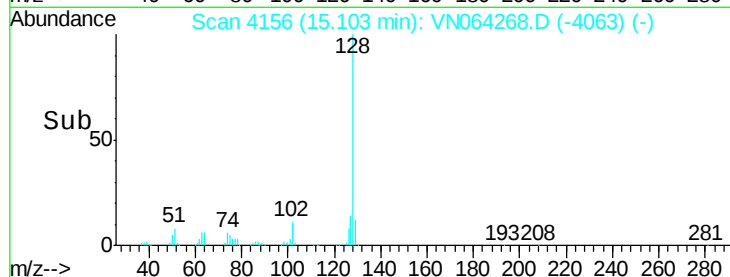
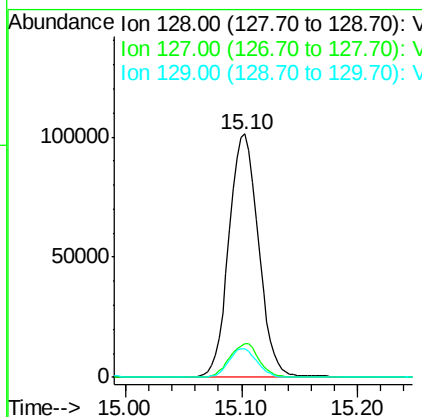
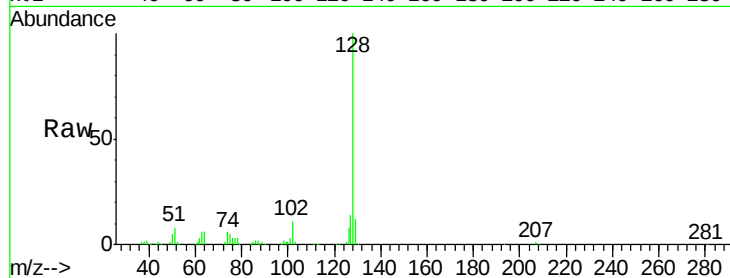
#95
Naphthalene
Concen: 19.234 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. -0.00 min
Lab File: VN064268.D
Acq: 22 Oct 2020 22:26

Instrument :
MSVOA_N
ClientSampleId :
VN1022WBS02

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.5	15.7
129	11.2	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
10/23/2020 3:36:20 PM



#96
1,2,3-Trichlorobenzene
Concen: 19.027 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. -0.00 min
Lab File: VN064268.D
Acq: 22 Oct 2020 22:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	48.0	144.2
145	34.4	17.1	51.3

