

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102120\
 Data File : VN064240.D
 Acq On : 22 Oct 2020 1:54
 Operator : JC/MD
 Sample : VN1021WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1021WBSD02

Manual Integrations
 APPROVED

MMDadoda
 10/23/2020 2:10:39 PM

Quant Time: Oct 22 02:54:22 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	272169	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	451312	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	408493	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	194048	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	205478	50.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.68%	
35) Dibromofluoromethane	7.55	113	146016	48.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.32%	
50) Toluene-d8	10.06	98	530634	48.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.50%	
62) 4-Bromofluorobenzene	12.38	95	212909	48.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	65632	20.214	ug/l	90
3) Chloromethane	2.04	50	65132	20.705	ug/l	99
4) Vinyl Chloride	2.16	62	63867	20.479	ug/l	94
5) Bromomethane	2.54	94	39595	19.478	ug/l	98
6) Chloroethane	2.68	64	36944	19.459	ug/l	96
7) Trichlorofluoromethane	2.99	101	106869	20.838	ug/l	95
8) Diethyl Ether	3.38	74	35302	20.808	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.72	101	53108	20.025	ug/l	97
10) Methyl Iodide	3.91	142	69621	18.461	ug/l	98
11) Tert butyl alcohol	4.72	59	49428	91.355	ug/l #	90
12) 1,1-Dichloroethene	3.69	96	48766	19.118	ug/l	96
13) Acrolein	3.56	56	21894	64.463	ug/l	98
14) Allyl chloride	4.27	41	98258	19.246	ug/l	97
15) Acrylonitrile	4.93	53	104769	93.644	ug/l	98
16) Acetone	3.77	43	108555	93.866	ug/l	98
17) Carbon Disulfide	4.01	76	146194	20.092	ug/l	98
18) Methyl Acetate	4.27	43	54907	18.632	ug/l #	78
19) Methyl tert-butyl Ether	4.99	73	172335	19.651	ug/l	96
20) Methylene Chloride	4.50	84	58371	18.928	ug/l	97
21) trans-1,2-Dichloroethene	4.98	96	55412	19.700	ug/l	95
22) Diisopropyl ether	5.90	45	181901	19.166	ug/l	99
23) Vinyl Acetate	5.84	43	813187	96.078	ug/l	100
24) 1,1-Dichloroethane	5.79	63	111258	20.236	ug/l	97
25) 2-Butanone	6.78	43	165372	90.003	ug/l	100
26) 2,2-Dichloropropane	6.77	77	88686	16.203	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	64848	19.797	ug/l	96
28) Bromochloromethane	7.14	49	50327	19.268	ug/l	96
29) Tetrahydrofuran	7.16	42	102263	93.044	ug/l	99
30) Chloroform	7.32	83	117866	20.098	ug/l	98
31) Cyclohexane	7.61	56	89218	18.620	ug/l	93
32) 1,1,1-Trichloroethane	7.53	97	109795	19.985	ug/l #	84
36) 1,1-Dichloropropene	7.75	75	84922	18.874	ug/l	99
37) Ethyl Acetate	6.88	43	76180	18.648	ug/l	98
38) Carbon Tetrachloride	7.73	117	99584	19.453	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	74779	18.278	ug/l	98
40) Benzene	8.00	78	232358	18.708	ug/l	98
41) Methacrylonitrile	7.12	41	34712	16.199	ug/l #	92
42) 1,2-Dichloroethane	8.08	62	103160	19.389	ug/l	98
43) Isopropyl Acetate	8.12	43	140956	18.514	ug/l	98
44) Trichloroethene	8.80	130	65972	19.492	ug/l	94
45) 1,2-Dichloropropane	9.08	63	63585	19.177	ug/l	98
46) Dibromomethane	9.17	93	44181	19.844	ug/l	98
47) Bromodichloromethane	9.37	83	94823	19.278	ug/l	99
48) Methyl methacrylate	9.16	41	68112	17.126	ug/l	98
49) 1,4-Dioxane	9.16	88	15683	337.026	ug/l #	92
51) 4-Methyl-2-Pentanone	9.95	43	375032	92.169	ug/l	99
52) Toluene	10.12	92	153081	19.262	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	100574	18.406	ug/l	99
54) cis-1,3-Dichloropropene	9.80	75	104744	18.206	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	58526	19.499	ug/l	99
56) Ethyl methacrylate	10.40	69	87870	18.933	ug/l	97
57) 1,3-Dichloropropane	10.68	76	102500	19.660	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	221195	92.557	ug/l	100
59) 2-Hexanone	10.72	43	265464	89.334	ug/l	98
60) Dibromochloromethane	10.87	129	71699	18.453	ug/l	99
61) 1,2-Dibromoethane	10.97	107	60235	19.018	ug/l	99
64) Tetrachloroethene	10.60	164	63732	19.380	ug/l	98
65) Chlorobenzene	11.41	112	164077	19.405	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	65013	19.370	ug/l	98
67) Ethyl Benzene	11.48	91	297057	19.116	ug/l	98
68) m/p-Xylenes	11.59	106	217840	37.836	ug/l	98
69) o-Xylene	11.92	106	105104	18.876	ug/l	97
70) Styrene	11.94	104	178059	19.077	ug/l	99
71) Bromoform	12.10	173	46057	17.764	ug/l #	99
73) Isopropylbenzene	12.22	105	289445	19.557	ug/l	99
74) N-amyl acetate	12.04	43	120142	18.787	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	73798	18.790	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	71725m	17.533	ug/l	
77) Bromobenzene	12.50	156	67730	19.385	ug/l	98
78) n-propylbenzene	12.56	91	312101	18.703	ug/l	98
79) 2-Chlorotoluene	12.65	91	199587	19.473	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	236776	18.924	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	25759	15.897	ug/l	97
82) 4-Chlorotoluene	12.75	91	210565	19.695	ug/l	99
83) tert-Butylbenzene	12.97	119	190850	18.604	ug/l	97
84) 1,2,4-Trimethylbenzene	13.01	105	238297	19.135	ug/l	99
85) sec-Butylbenzene	13.14	105	250726	19.387	ug/l	99
86) p-Isopropyltoluene	13.26	119	226622	19.243	ug/l	98
87) 1,3-Dichlorobenzene	13.25	146	118349	19.036	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	120996	19.015	ug/l	98
89) n-Butylbenzene	13.59	91	191129	18.105	ug/l	98
90) Hexachloroethane	13.85	117	39570	18.553	ug/l	96
91) 1,2-Dichlorobenzene	13.62	146	115615	18.956	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	17596	17.959	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	65794	19.234	ug/l	99
94) Hexachlorobutadiene	14.98	225	31490	17.068	ug/l	98
95) Naphthalene	15.10	128	194105	18.948	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	61973	18.292	ug/l	99

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

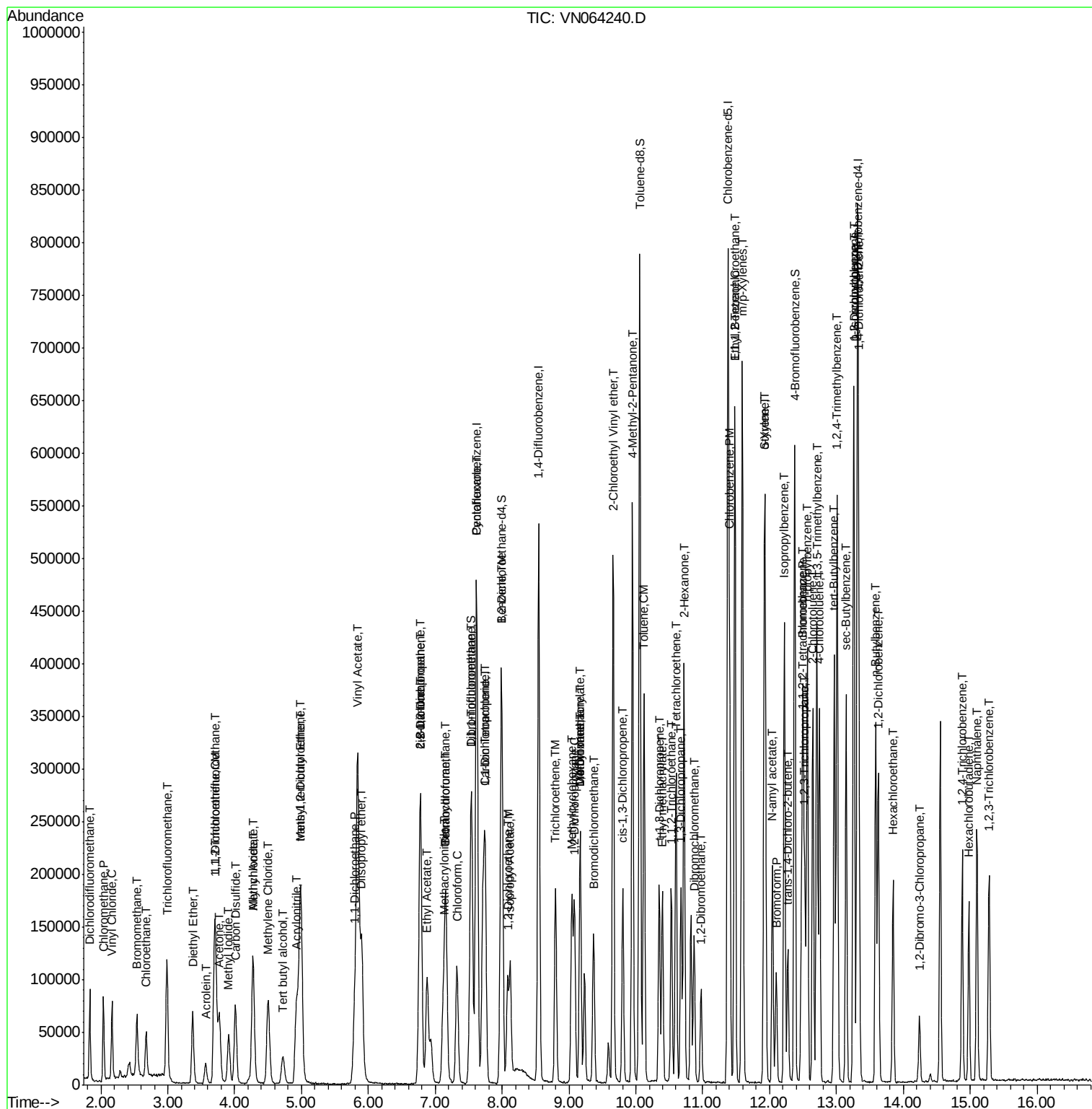
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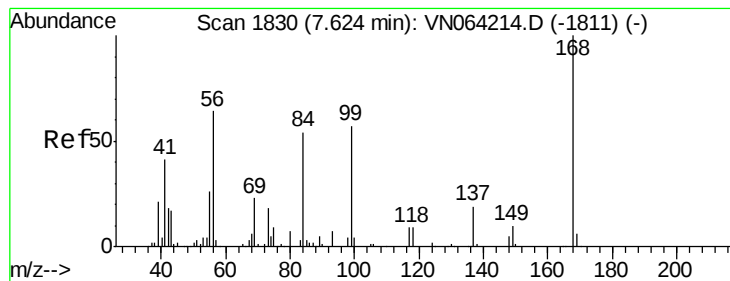
Instrument :
MSVOA_N
Client Sampled :
VN1021WBSD02

Manual Integrations
APPROVED

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064240.D

Acq: 22 Oct 2020 1:54

Instrument :

MSVOA_N

ClientSampleId :

VN1021WBSD02

Tot Ion:168 Resp: 272169

Ion Ratio Lower Upper

168 100

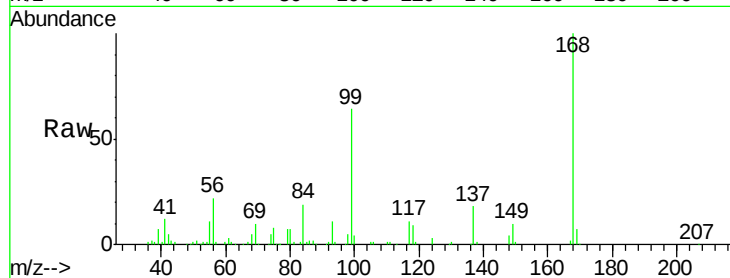
99 63.4 54.0 81.0

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

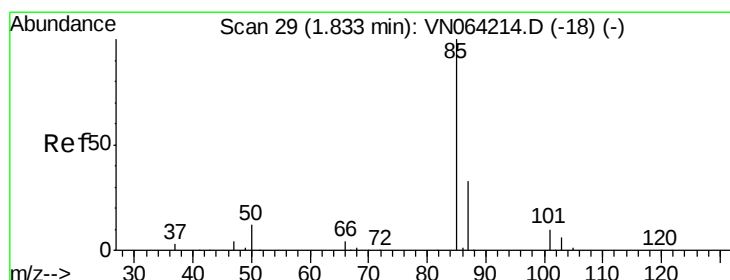
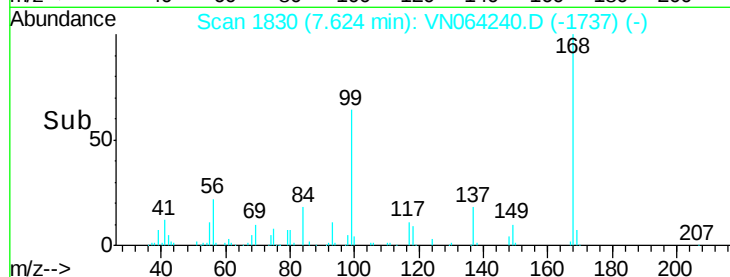
7.62

100000

50000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 20.214 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064240.D

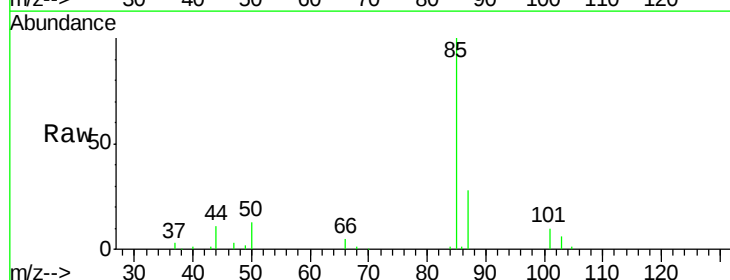
Acq: 22 Oct 2020 1:54

Tgt Ion: 85 Resp: 65632

Ion Ratio Lower Upper

85 100

87 27.7 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

50000

40000

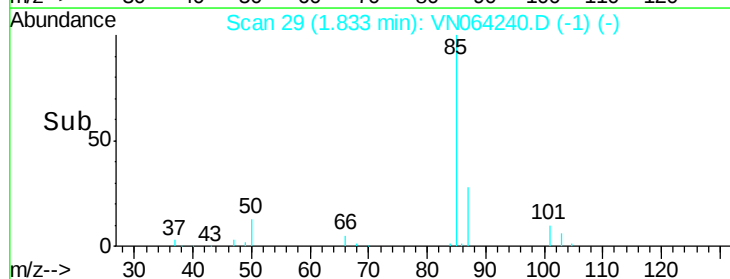
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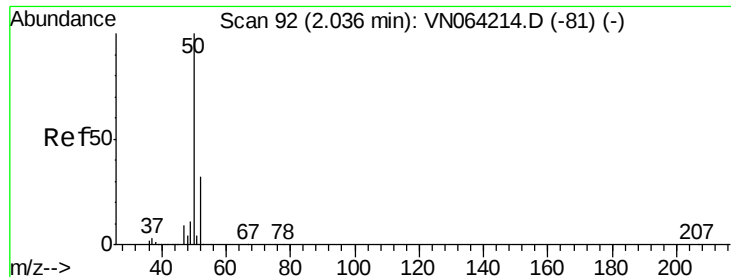
20000

10000

0

Time--> 1.80 1.85 1.90





#3

Chloromethane

Concen: 20.705 ug/l

RT: 2.04 min Scan# 92

Delta R.T. -0.00 min

Lab File: VN064240.D

Acq: 22 Oct 2020 1:54

Instrument :

MSVOA_N

ClientSampleId :

VN1021WBSD02

Tot Ion: 50 Resp: 65132

Ion Ratio Lower Upper

50 100

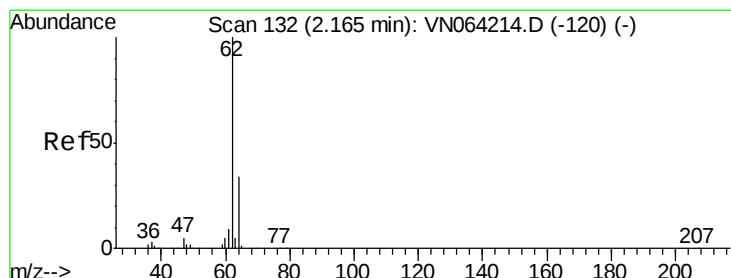
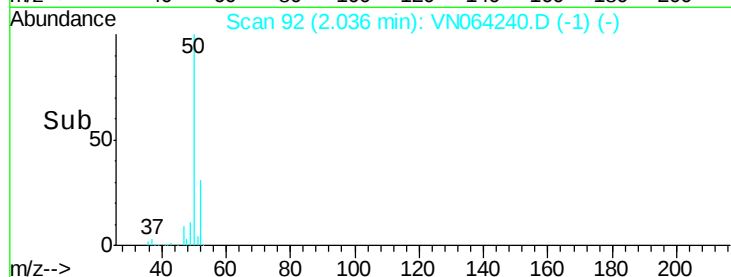
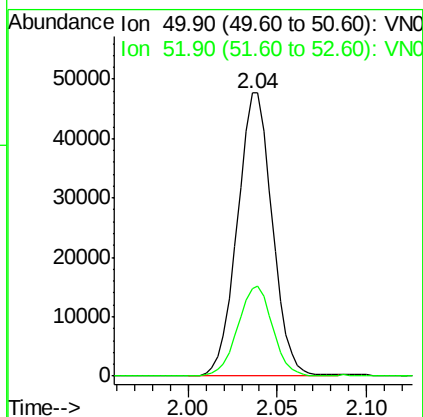
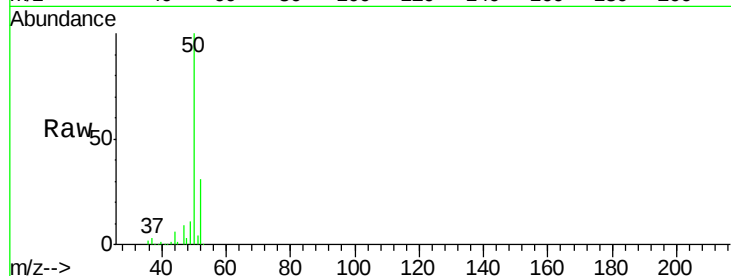
52 31.0 25.3 37.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.479 ug/l

RT: 2.16 min Scan# 132

Delta R.T. -0.00 min

Lab File: VN064240.D

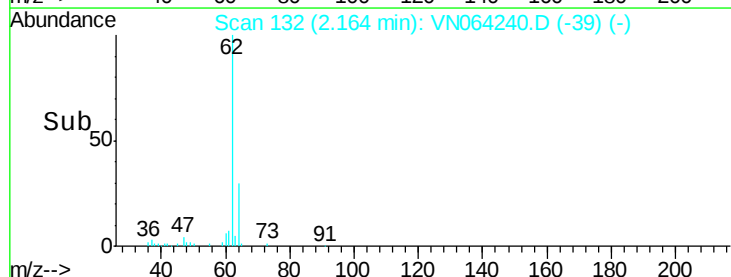
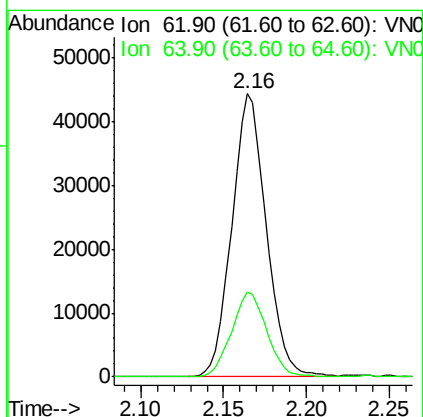
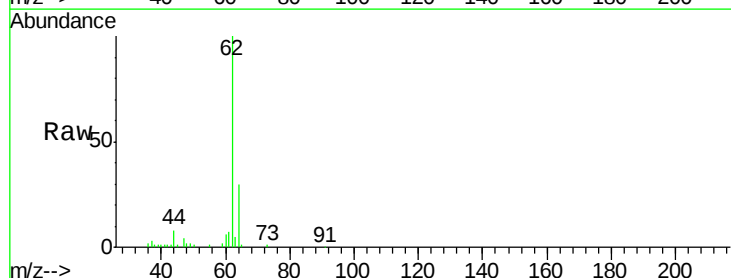
Acq: 22 Oct 2020 1:54

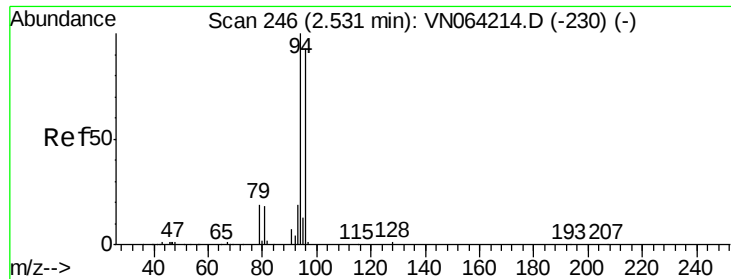
Tgt Ion: 62 Resp: 63867

Ion Ratio Lower Upper

62 100

64 30.1 26.8 40.2





#5

Bromomethane

Concen: 19.478 ug/l

RT: 2.54 min Scan# 248

Delta R.T. 0.01 min

Lab File: VN064240.D

Acq: 22 Oct 2020 1:54

Instrument :

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VN1021WBSD02

Tot Ion: 94 Resp: 39595

Ion Ratio Lower Upper

94 100

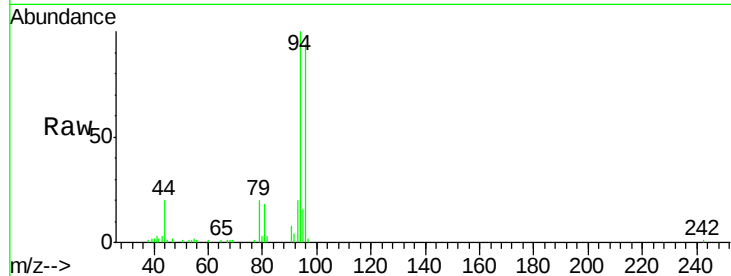
96 94.3 74.2 111.4

Manual Integrations

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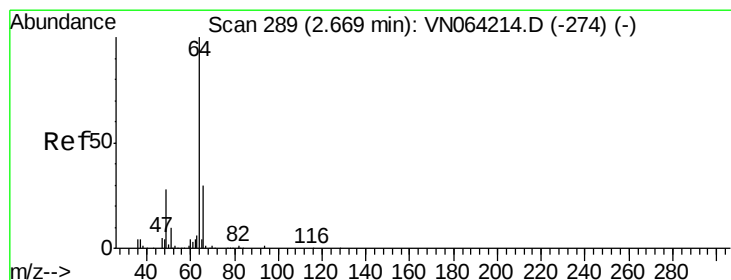
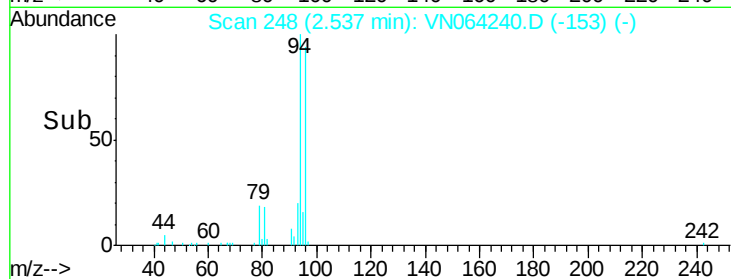
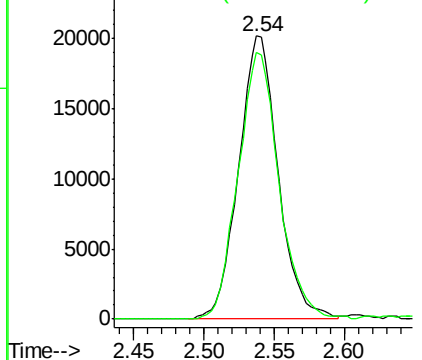
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Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO



#6

Chloroethane

Concen: 19.459 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.01 min

Lab File: VN064240.D

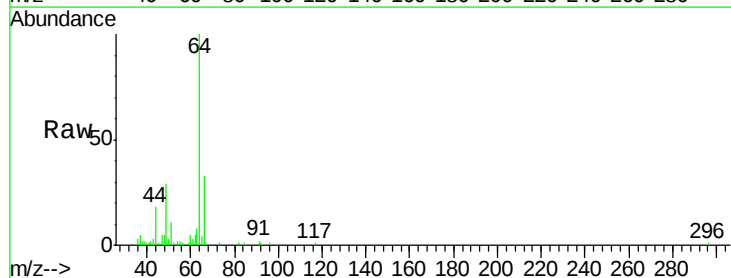
Acq: 22 Oct 2020 1:54

Tgt Ion: 64 Resp: 36944

Ion Ratio Lower Upper

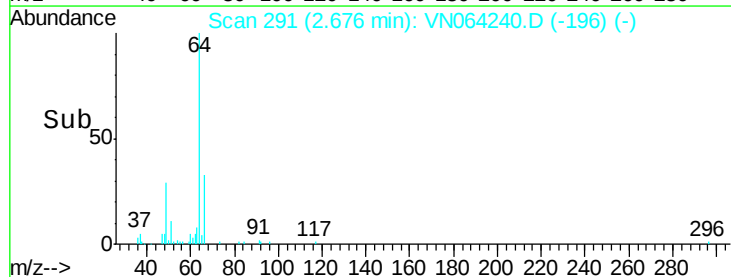
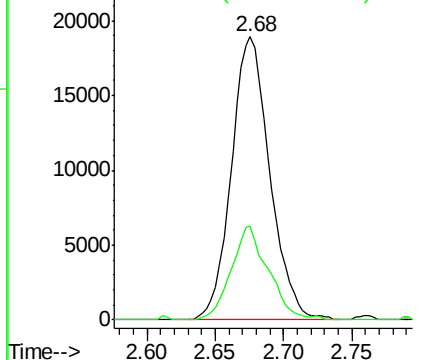
64 100

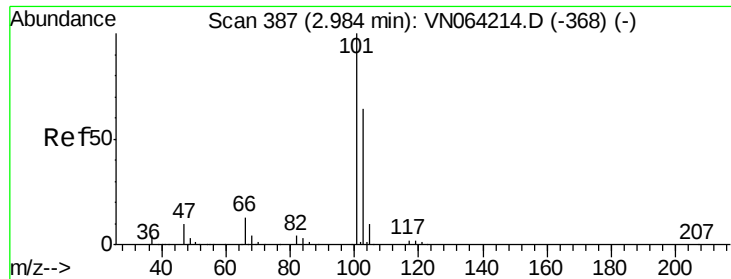
66 33.0 24.5 36.7



Abundance Ion 63.90 (63.60 to 64.60): VNO

Ion 65.90 (65.60 to 66.60): VNO





#7

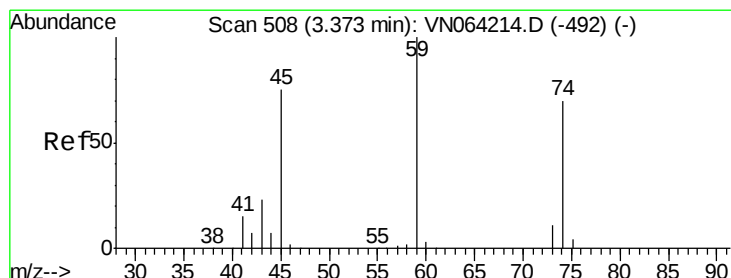
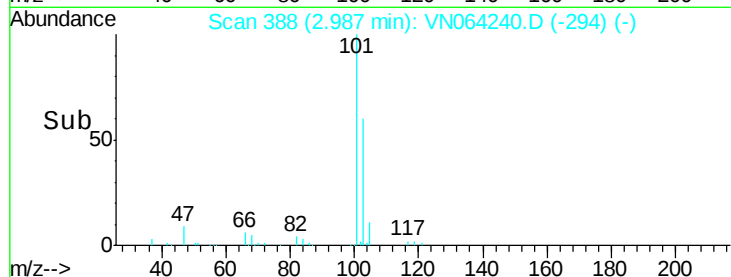
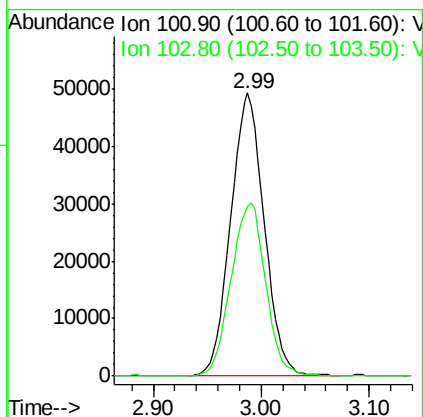
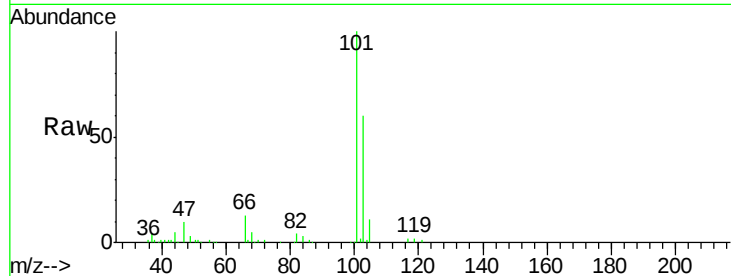
Trichlorofluoromethane
 Concen: 20.838 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: VN064240.D
 Acq: 22 Oct 2020 1:54

Instrument :
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 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	60.0	51.0	76.6

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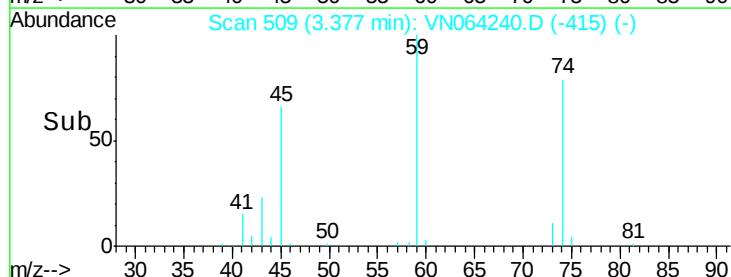
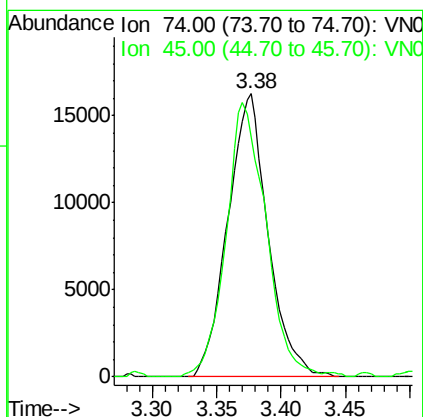
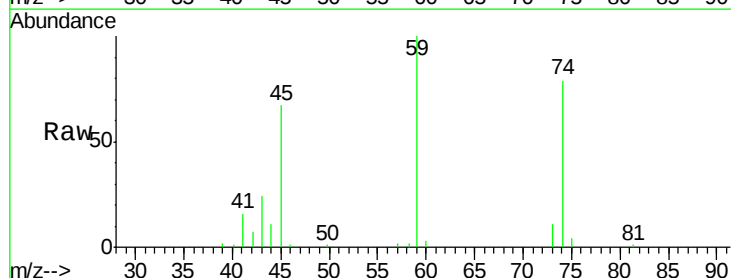
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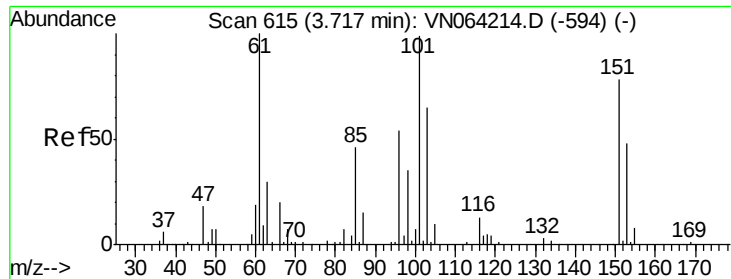


#8

Diethyl Ether
 Concen: 20.808 ug/l
 RT: 3.38 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: VN064240.D
 Acq: 22 Oct 2020 1:54

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.1	51.3	154.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.025 ug/l

RT: 3.72 min Scan# 615

Delta R.T. -0.00 min

Lab File: VN064240.D

Acq: 22 Oct 2020 1:54

Instrument :

MSVOA_N

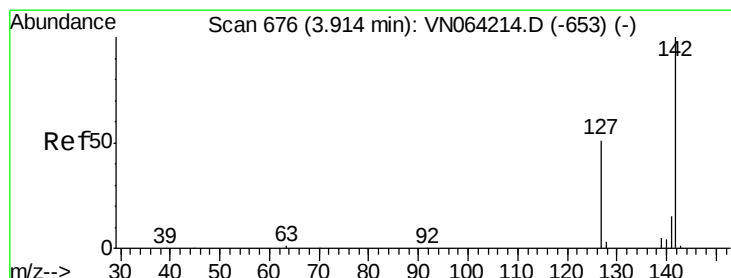
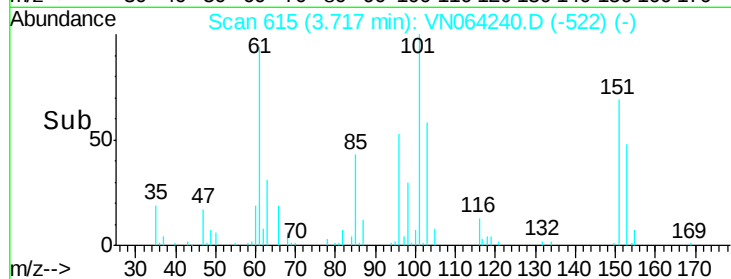
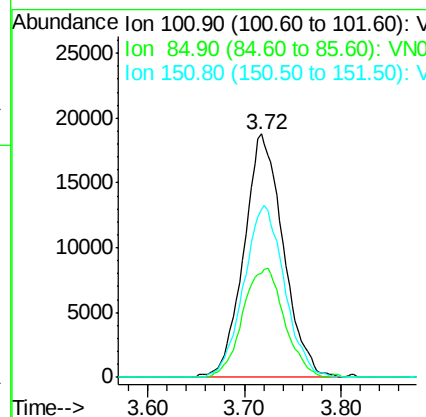
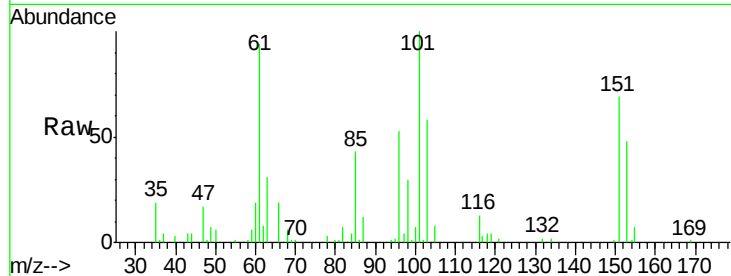
ClientSampleId :

VN1021WBSD02

Tot Ion:	101	Resp:	53108
Ion Ratio	Lower	Upper	
101	100		
85	47.4	37.8	56.8
151	72.7	61.4	92.2

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#10

Methyl Iodide

Concen: 18.461 ug/l

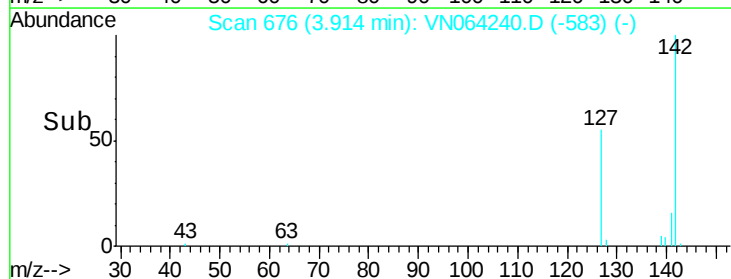
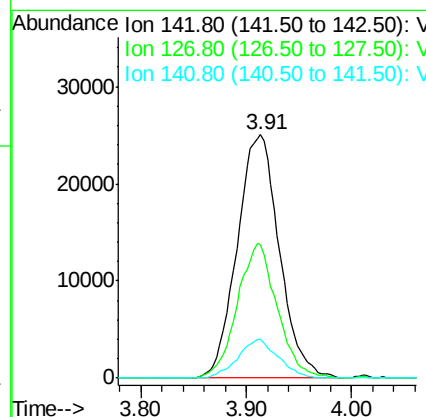
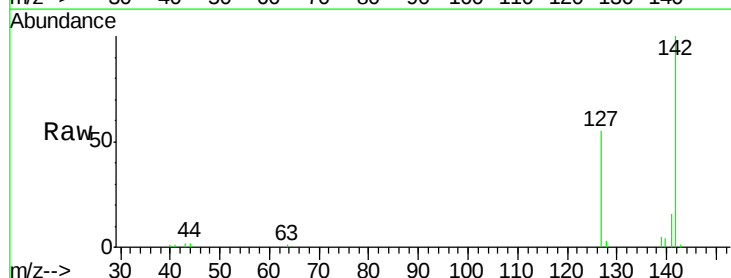
RT: 3.91 min Scan# 676

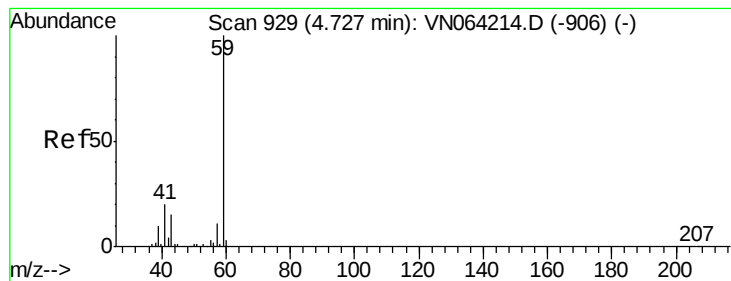
Delta R.T. -0.00 min

Lab File: VN064240.D

Acq: 22 Oct 2020 1:54

Tgt Ion:	142	Resp:	69621
Ion Ratio	Lower	Upper	
142	100		
127	52.2	41.0	61.6
141	15.1	11.3	16.9





#11

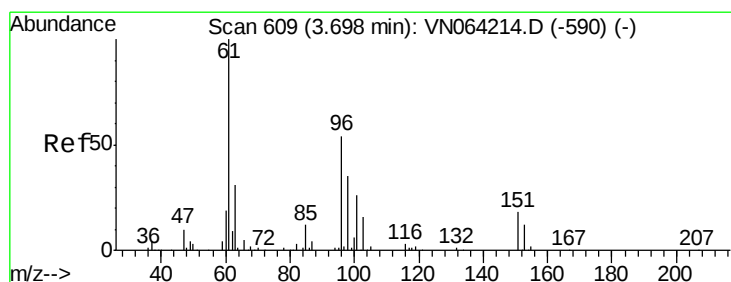
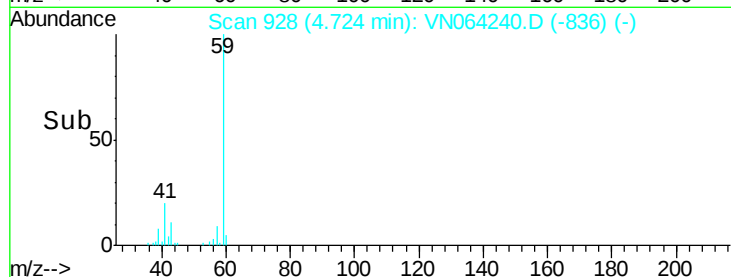
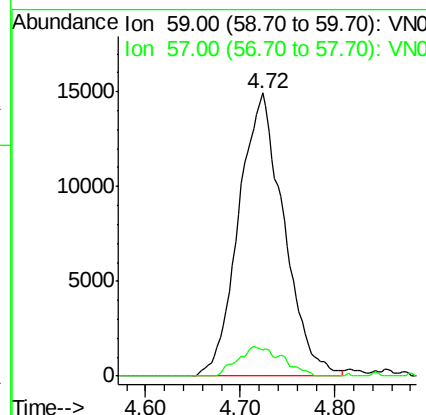
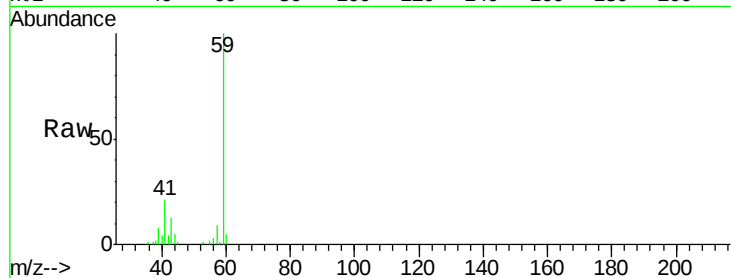
Tert butyl alcohol
 Concen: 91.355 ug/l
 RT: 4.72 min Scan# 928
 Delta R.T. -0.00 min
 Lab File: VN064240.D
 Acq: 22 Oct 2020 1:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1021WBSD02

Tot Ion	Ratio	Lower	Upper
59	100		
57	7.6	9.2	13.8#

Manual Integrations
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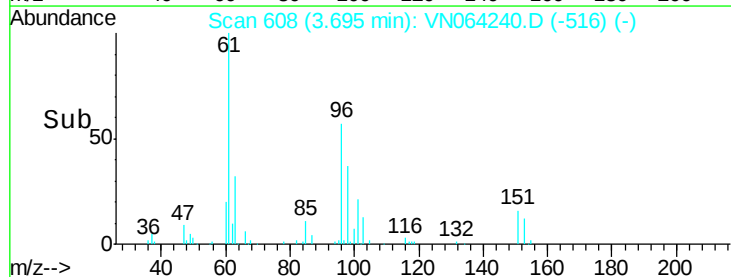
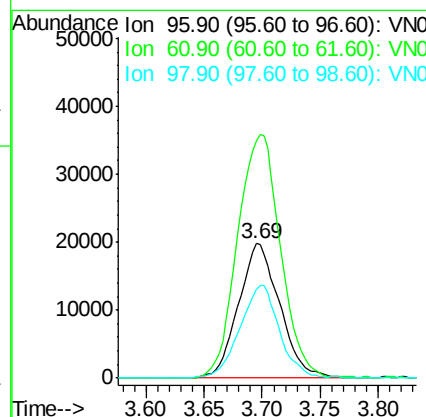
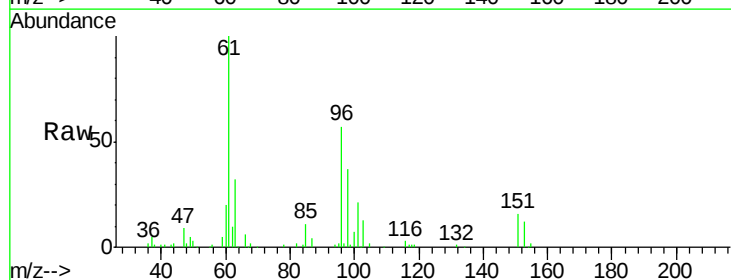
MMDadoda
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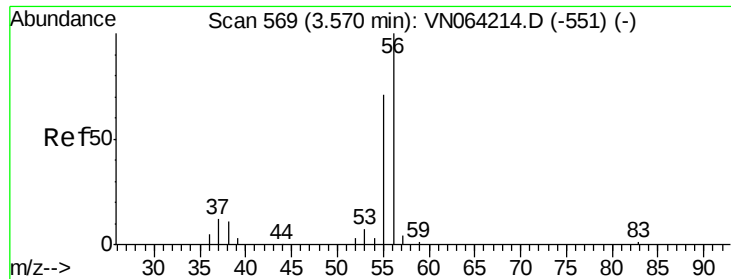


#12

1,1-Dichloroethene
 Concen: 19.118 ug/l
 RT: 3.69 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: VN064240.D
 Acq: 22 Oct 2020 1:54

Tgt Ion	Ratio	Lower	Upper
96	100		
61	176.4	147.0	220.4
98	66.1	51.7	77.5





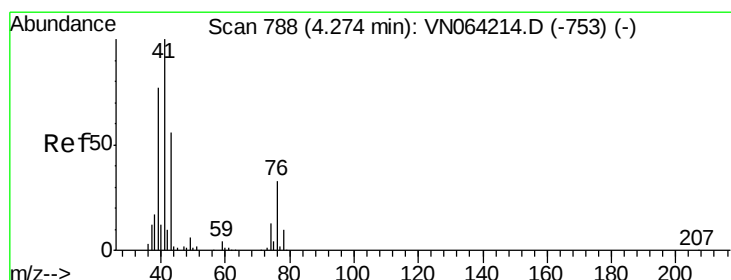
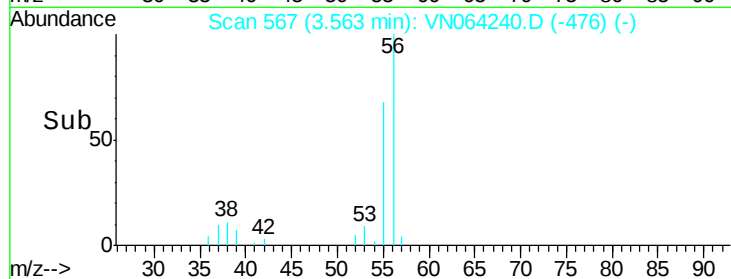
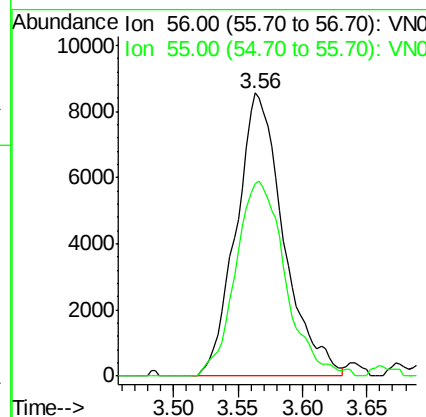
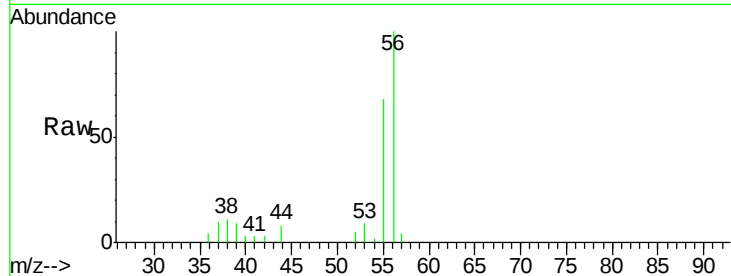
#13
Acrolein
Concen: 64.463 ug/l
RT: 3.56 min Scan# 567
Delta R.T. -0.01 min
Lab File: VN064240.D
Acq: 22 Oct 2020 1:54

Instrument :
MSVOA_N
ClientSampleId :
VN1021WBSD02

Tot Ion	Ratio	Lower	Upper
56	100		
55	72.1	56.1	84.1

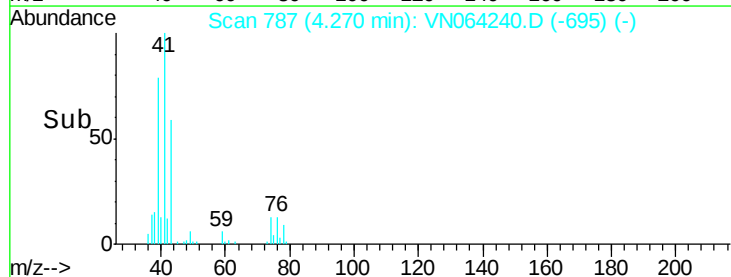
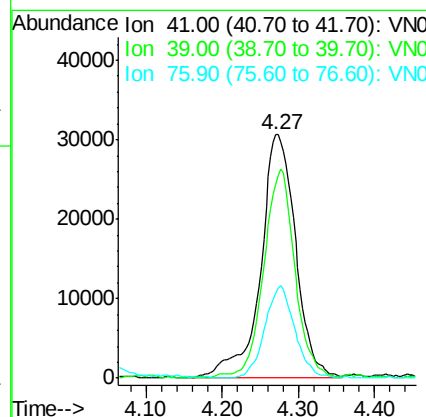
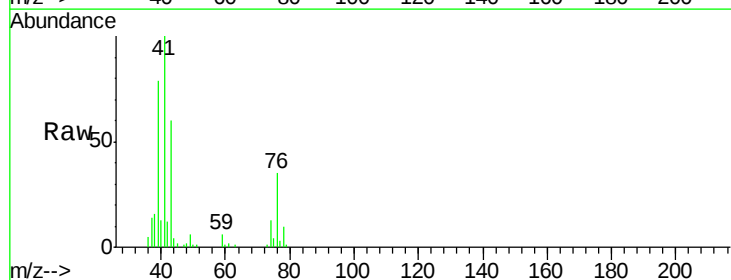
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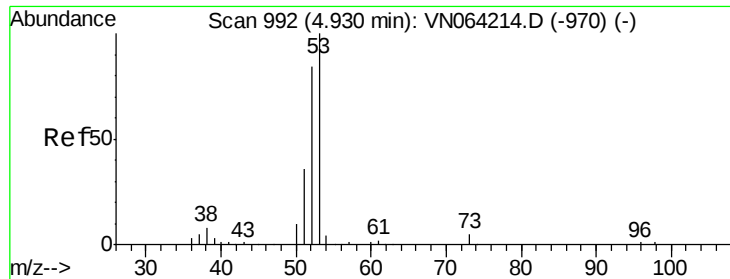
MMDadoda
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#14
Allyl chloride
Concen: 19.246 ug/l
RT: 4.27 min Scan# 787
Delta R.T. -0.00 min
Lab File: VN064240.D
Acq: 22 Oct 2020 1:54

Tgt Ion	Ratio	Lower	Upper
41	100		
39	76.1	58.6	88.0
76	32.2	24.5	36.7





#15

Acrylonitrile

Concen: 93.644 ug/l

RT: 4.93 min Scan# 991

Delta R.T. -0.00 min

Lab File: VN064240.D

Acq: 22 Oct 2020 1:54

Instrument :

MSVOA_N

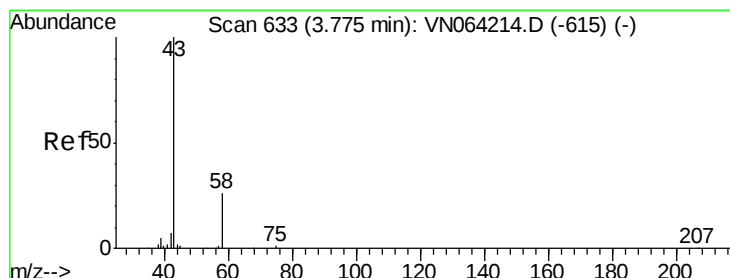
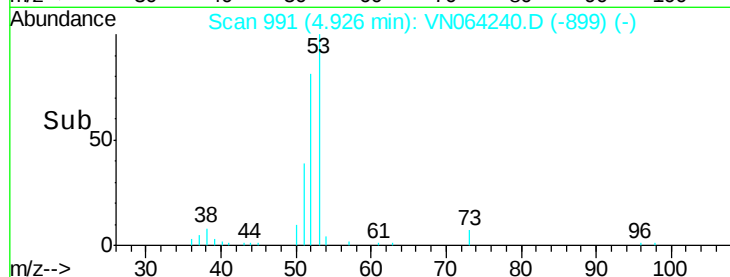
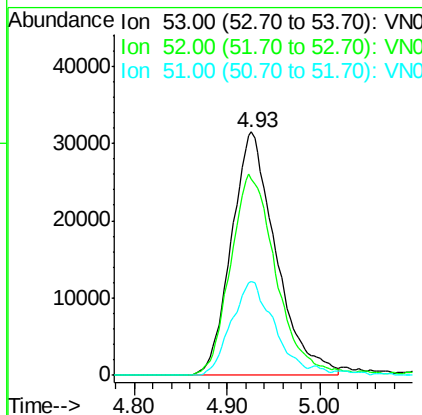
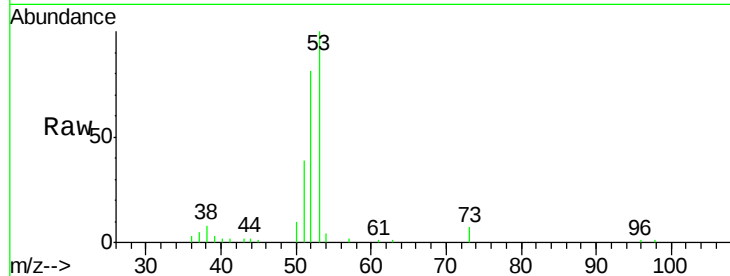
ClientSampleId :

VN1021WBSD02

Tot Ion:	53	Resp:	104769
Ion Ratio	Lower	Upper	
53	100		
52	84.5	66.8	100.2
51	36.7	30.7	46.1

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#16

Acetone

Concen: 93.866 ug/l

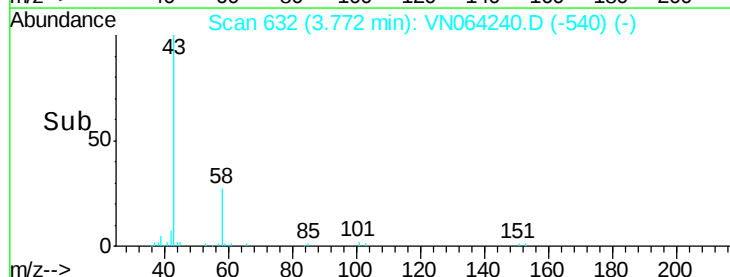
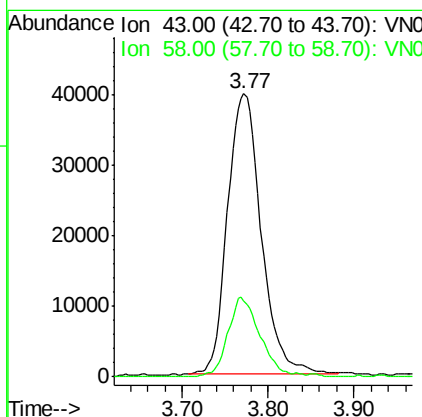
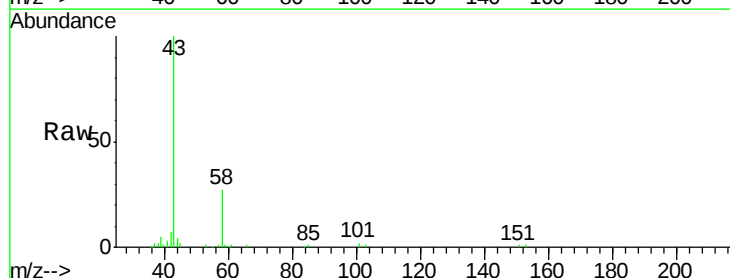
RT: 3.77 min Scan# 632

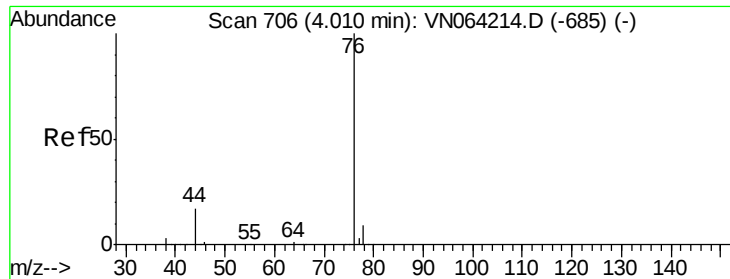
Delta R.T. -0.00 min

Lab File: VN064240.D

Acq: 22 Oct 2020 1:54

Tgt Ion:	43	Resp:	108555
Ion Ratio	Lower	Upper	
43	100		
58	27.3	21.0	31.4





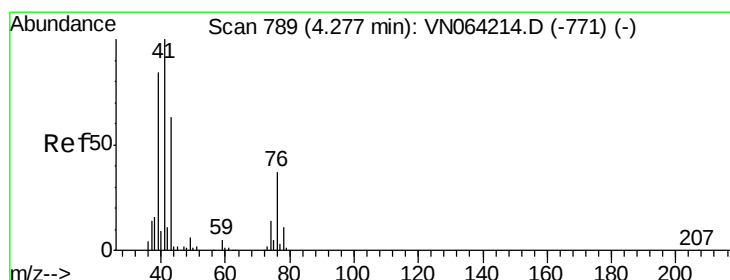
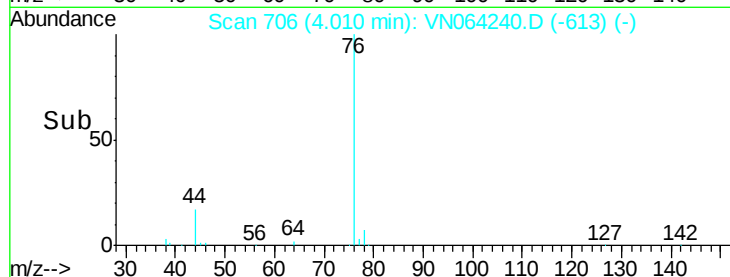
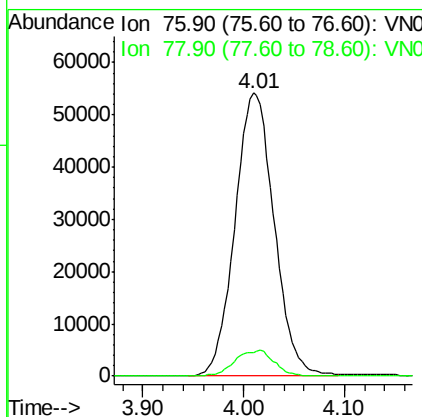
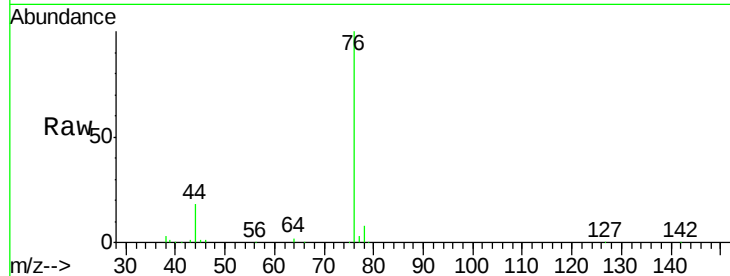
#17
Carbon Disulfide
Concen: 20.092 ug/l
RT: 4.01 min Scan# 706
Delta R.T. -0.00 min
Lab File: VN064240.D
Acq: 22 Oct 2020 1:54

Instrument :
MSVOA_N
ClientSampleId :
VN1021WBSD02

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.3	7.1	10.7

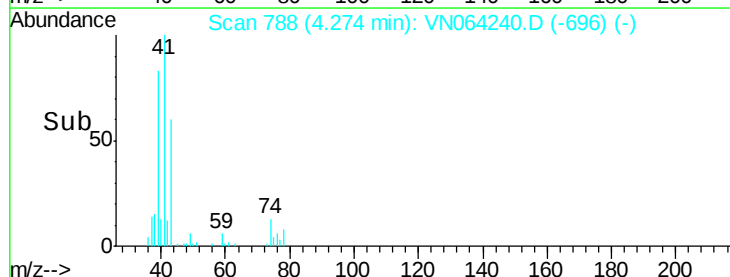
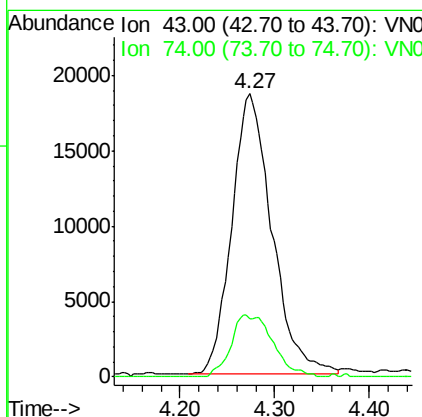
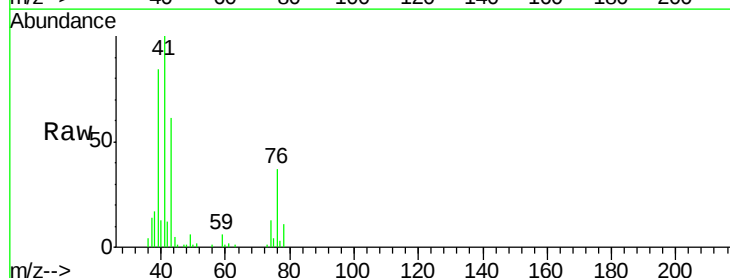
Manual Integrations
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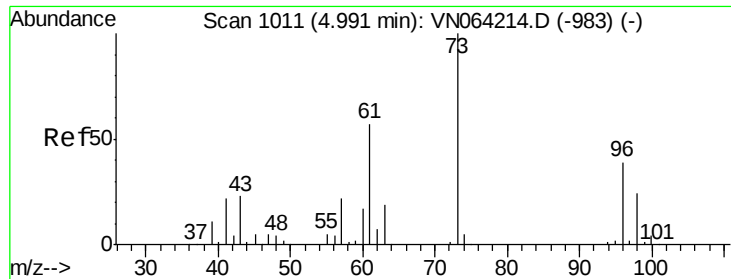
MMDadoda
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#18
Methyl Acetate
Concen: 18.632 ug/l
RT: 4.27 min Scan# 788
Delta R.T. -0.00 min
Lab File: VN064240.D
Acq: 22 Oct 2020 1:54

Tgt Ion	Ratio	Lower	Upper
43	100		
74	12.1	17.9	26.9





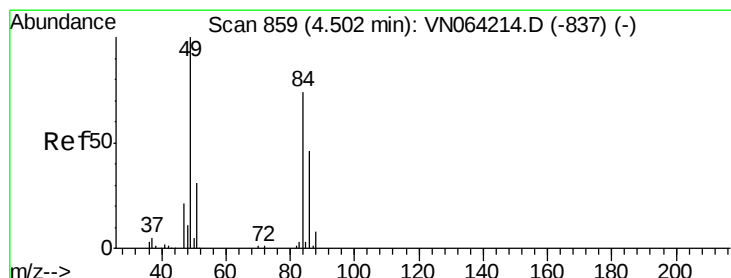
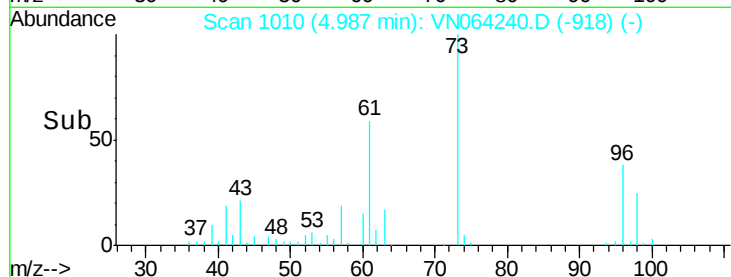
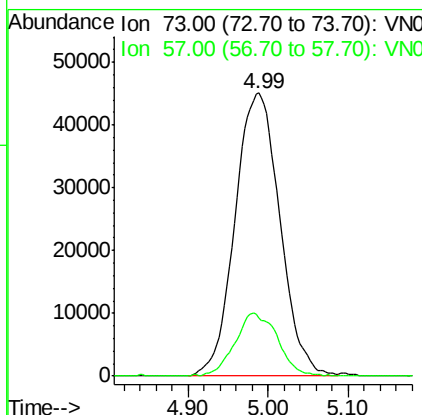
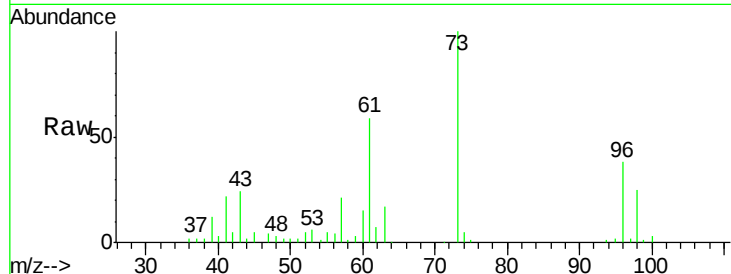
#19
Methvl tert-butvl Ether
Concen: 19.651 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. -0.00 min
Lab File: VN064240.D
Acq: 22 Oct 2020 1:54

Instrument :
MSVOA_N
ClientSampleId :
VN1021WBSD02

Tot Ion: 73 Resp: 172335
Ion Ratio Lower Upper
73 100
57 20.7 18.0 27.0

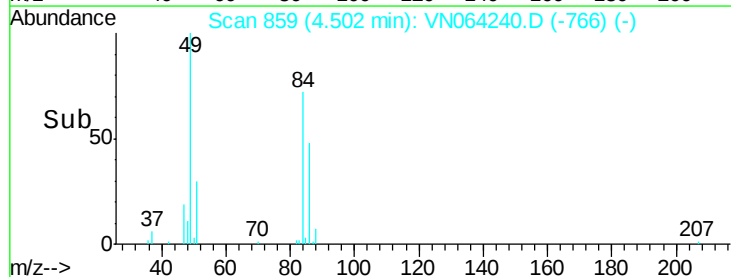
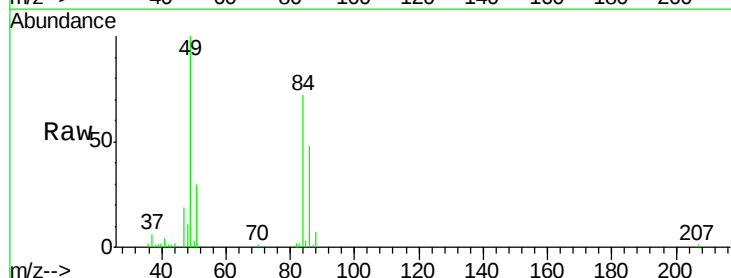
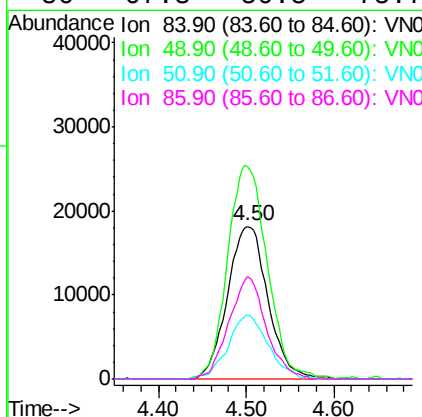
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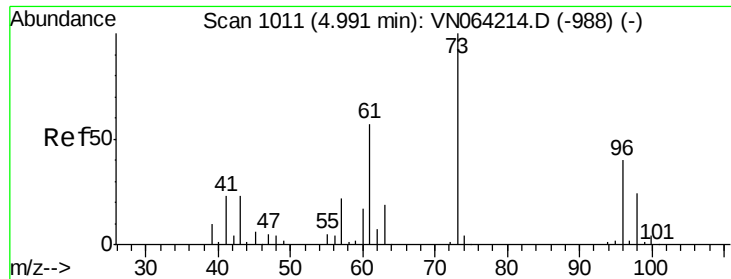
MMDadoda
10/23/2020 2:10:39 PM



#20
Methylene Chloride
Concen: 18.928 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN064240.D
Acq: 22 Oct 2020 1:54

Tgt Ion: 84 Resp: 58371
Ion Ratio Lower Upper
84 100
49 139.3 108.5 162.7
51 41.9 33.8 50.8
86 67.3 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 19.700 ug/l

RT: 4.98 min Scan# 1009

Delta R.T. -0.01 min

Lab File: VN064240.D

Acq: 22 Oct 2020 1:54

Instrument :

MSVOA_N

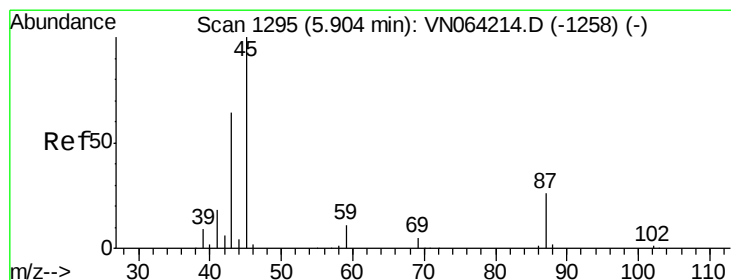
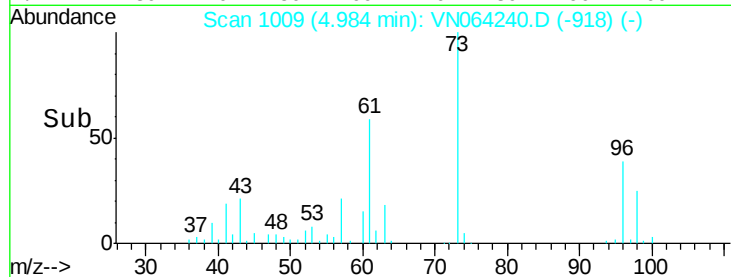
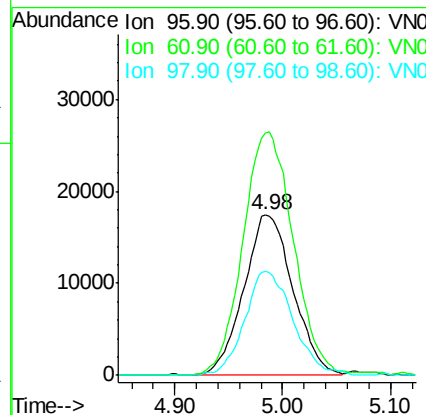
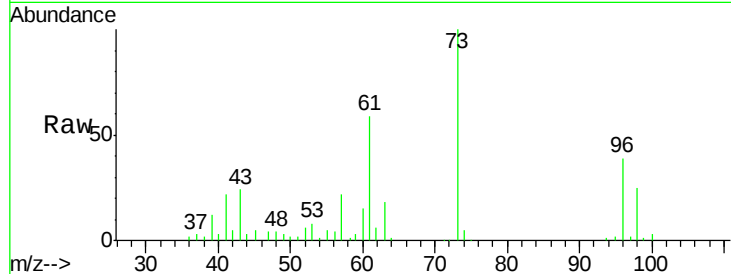
ClientSampleId :

VN1021WBSD02

Tot Ion:	96	Resp:	55412
Ion	Ratio	Lower	Upper
96	100		
61	151.1	115.8	173.6
98	65.1	49.4	74.0

Manual Integrations
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10/23/2020 2:10:39 PM



#22

Diisopropyl ether

Concen: 19.166 ug/l

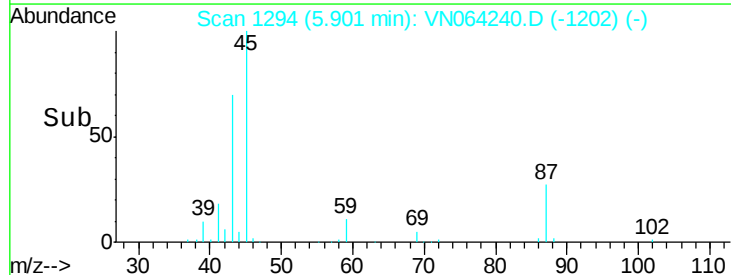
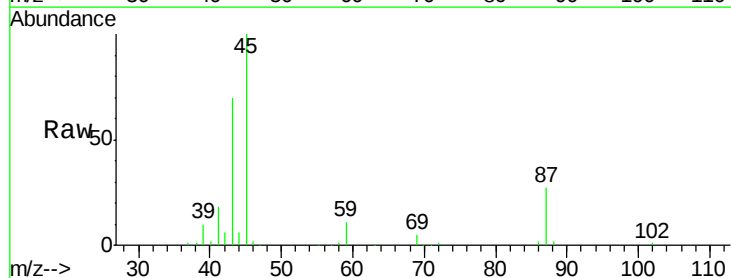
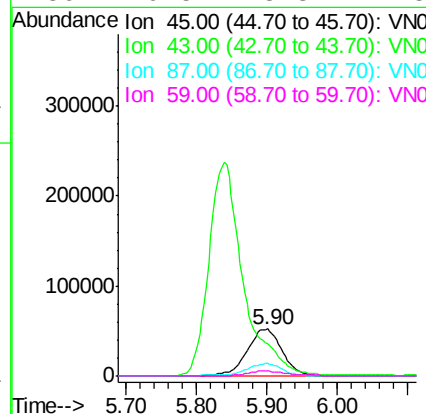
RT: 5.90 min Scan# 1294

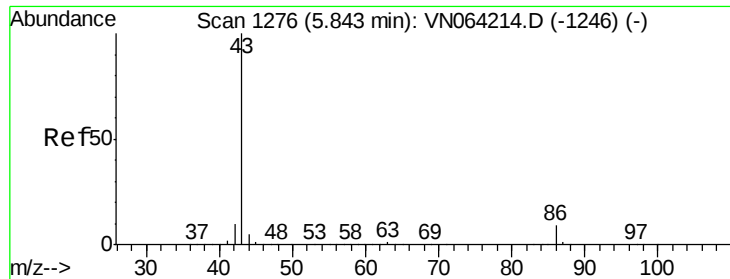
Delta R.T. -0.00 min

Lab File: VN064240.D

Acq: 22 Oct 2020 1:54

Tgt Ion:	45	Resp:	181901
Ion	Ratio	Lower	Upper
45	100		
43	66.9	52.2	78.4
87	26.9	21.4	32.0
59	10.5	8.3	12.5





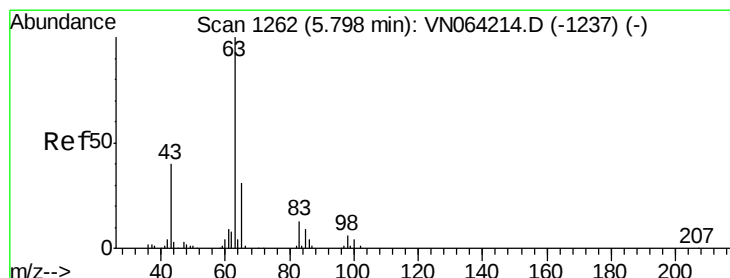
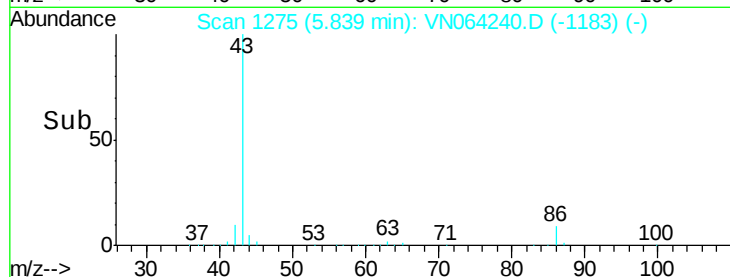
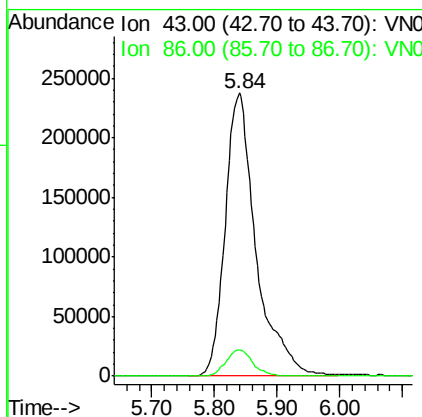
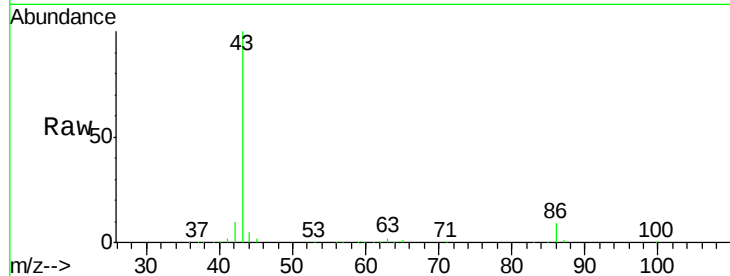
#23
 Vinyl Acetate
 Concen: 96.078 ug/l
 RT: 5.84 min Scan# 1275
 Delta R.T. -0.00 min
 Lab File: VN064240.D
 Acq: 22 Oct 2020 1:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1021WBSD02

Tot Ion	43	Resp	813187
Ion Ratio	Lower	Upper	
43	100		
86	9.1	7.4	11.0

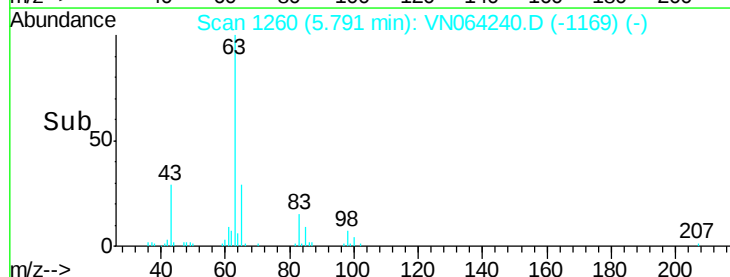
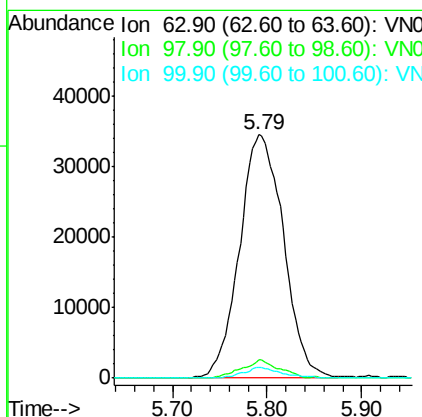
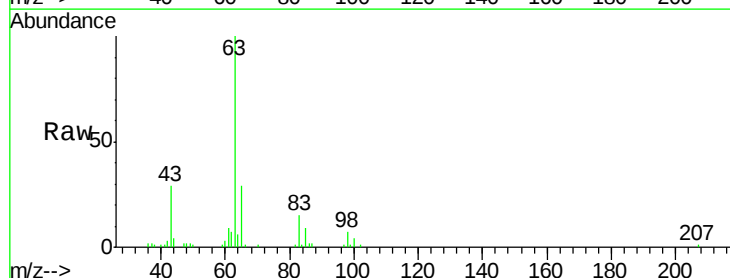
Manual Integrations
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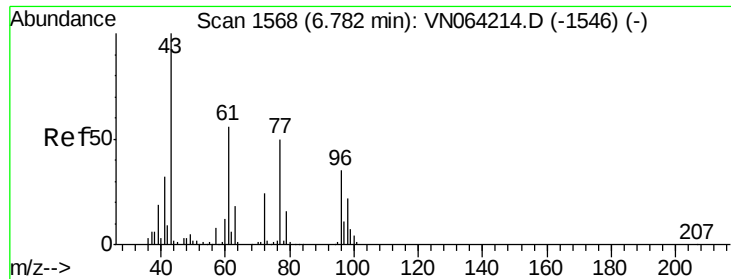
MMDadoda
 10/23/2020 2:10:39 PM



#24
 1,1-Dichloroethane
 Concen: 20.236 ug/l
 RT: 5.79 min Scan# 1260
 Delta R.T. -0.01 min
 Lab File: VN064240.D
 Acq: 22 Oct 2020 1:54

Tgt Ion	63	Resp	111258
Ion Ratio	Lower	Upper	
63	100		
98	7.3	2.9	8.7
100	4.2	2.0	6.0





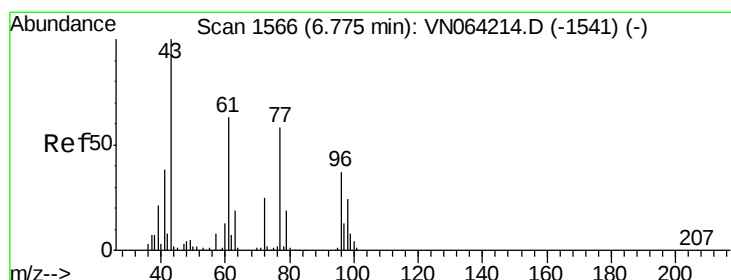
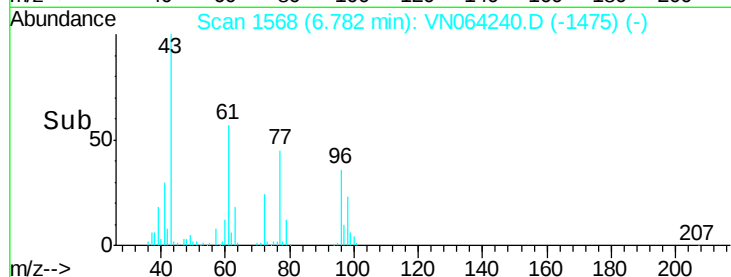
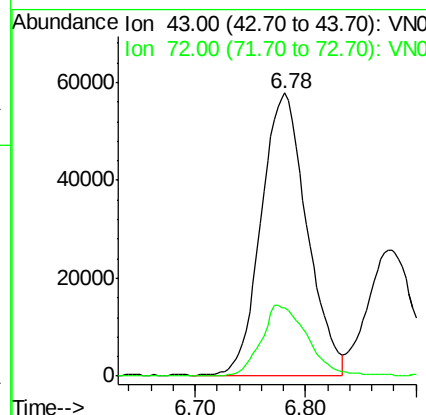
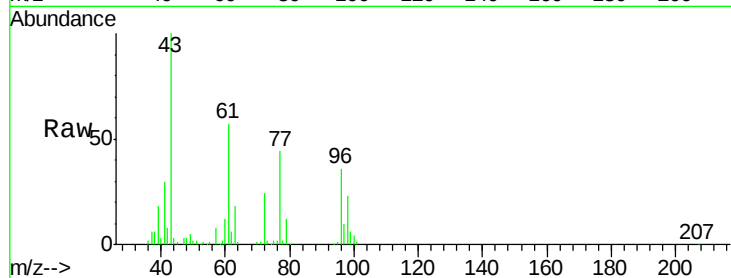
#25
 2-Butanone
 Concen: 90.003 ug/l
 RT: 6.78 min Scan# 1568
 Delta R.T. -0.00 min
 Lab File: VN064240.D
 Acq: 22 Oct 2020 1:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1021WBSD02

Tot Ion: 43 Resp: 165372
 Ion Ratio Lower Upper
 43 100
 72 24.2 19.4 29.0

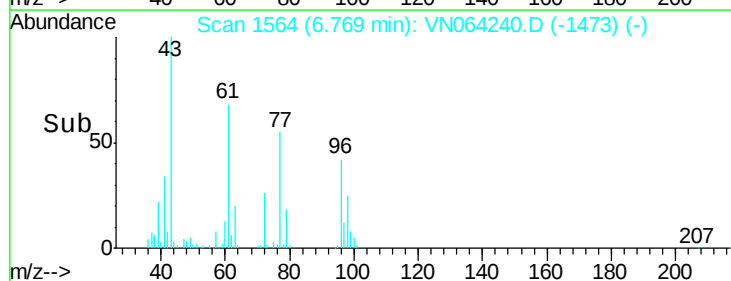
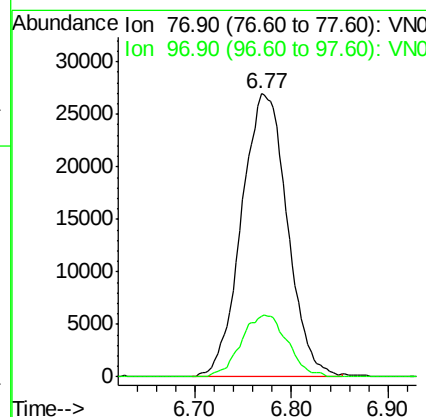
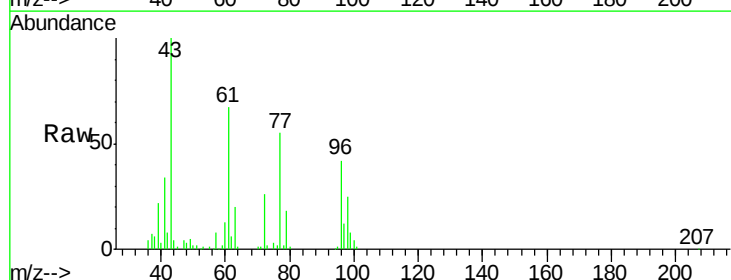
Manual Integrations
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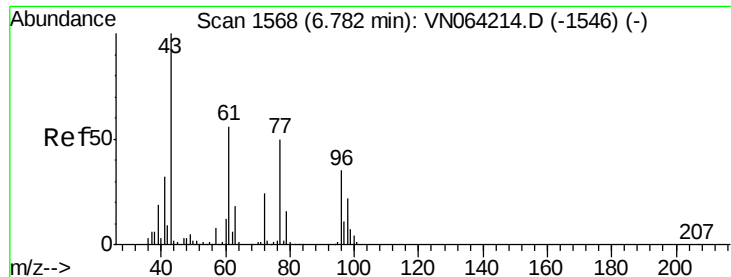
MMDadoda
 10/23/2020 2:10:39 PM



#26
 2,2-Dichloropropane
 Concen: 16.203 ug/l
 RT: 6.77 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: VN064240.D
 Acq: 22 Oct 2020 1:54

Tgt Ion: 77 Resp: 88686
 Ion Ratio Lower Upper
 77 100
 97 22.1 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 19.797 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. -0.01 min

Lab File: VN064240.D

Acq: 22 Oct 2020 1:54

Instrument :

MSVOA_N

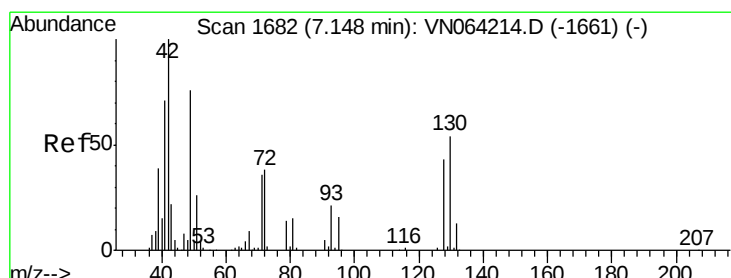
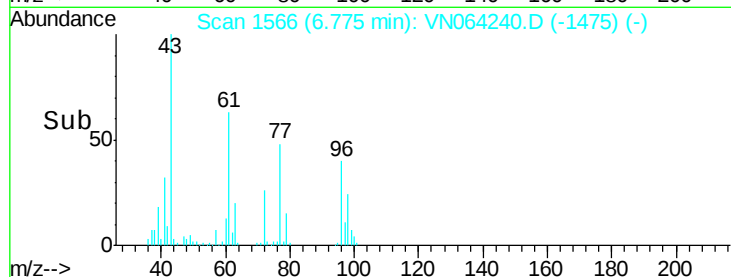
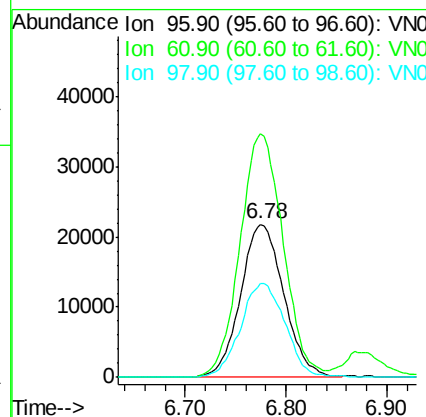
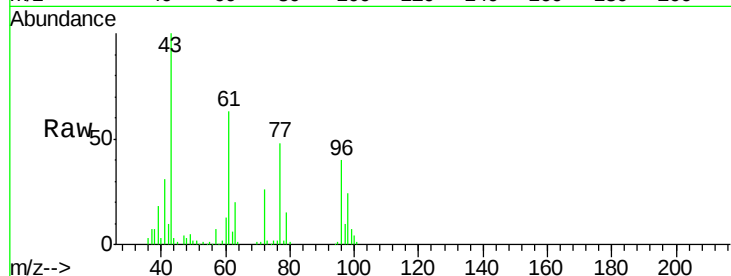
ClientSampleId :

VN1021WBSD02

Tot Ion:	96	Resp:	64848
Ion	Ratio	Lower	Upper
96	100		
61	158.6	0.0	330.0
98	63.5	0.0	130.6

Manual Integrations
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#28

Bromochloromethane

Concen: 19.268 ug/l

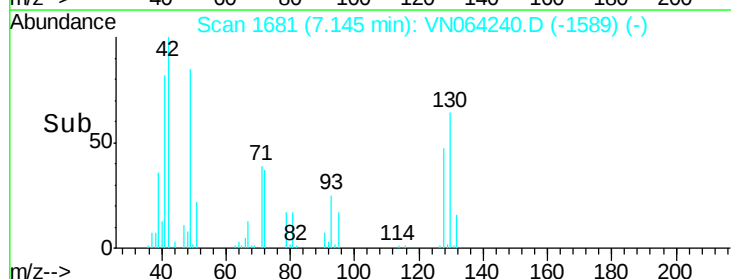
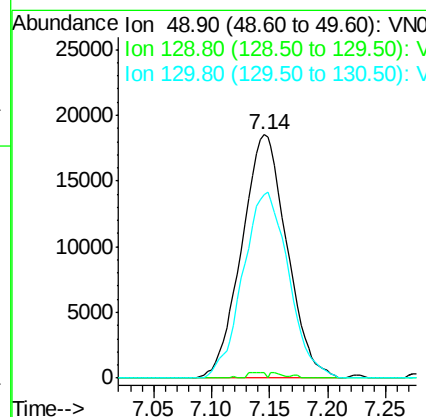
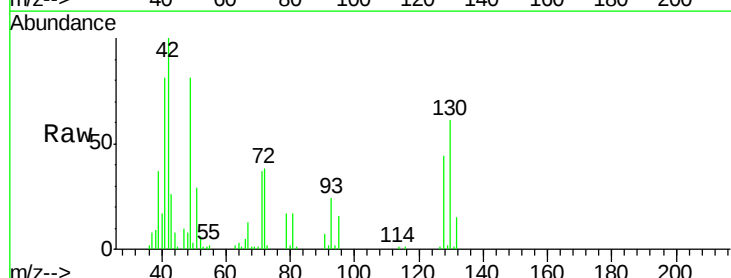
RT: 7.14 min Scan# 1681

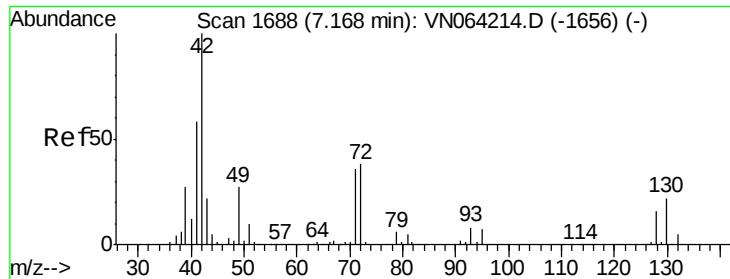
Delta R.T. -0.00 min

Lab File: VN064240.D

Acq: 22 Oct 2020 1:54

Tgt Ion:	49	Resp:	50327
Ion	Ratio	Lower	Upper
49	100		
129	0.8	0.0	2.8
130	77.2	58.8	88.2





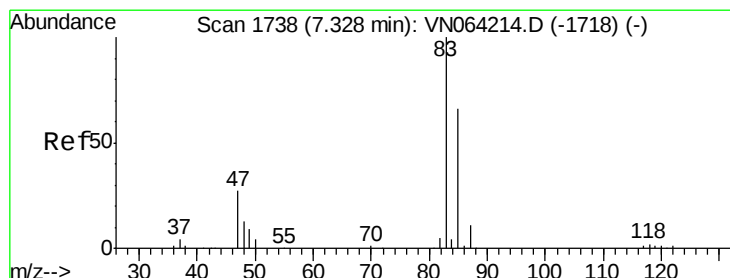
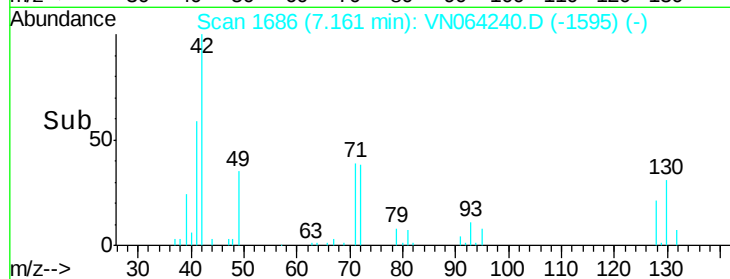
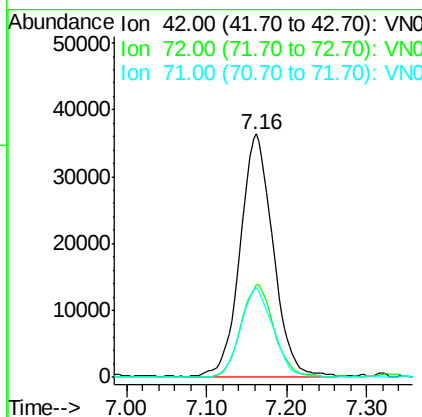
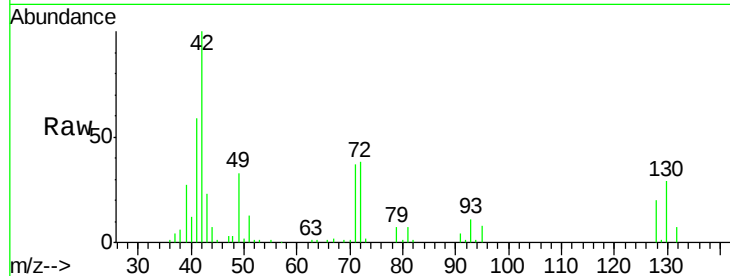
#29
Tetrahydrofuran
Concen: 93.044 ug/l
RT: 7.16 min Scan# 1686
Delta R.T. -0.01 min
Lab File: VN064240.D
Acq: 22 Oct 2020 1:54

Instrument :
MSVOA_N
ClientSampleId :
VN1021WBSD02

Tot Ion	Ratio	Lower	Upper
42	100		
72	37.9	30.8	46.2
71	36.2	29.0	43.6

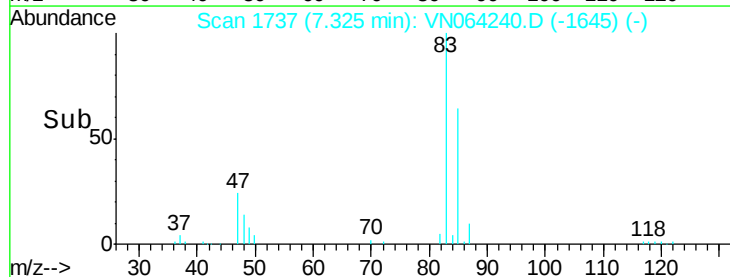
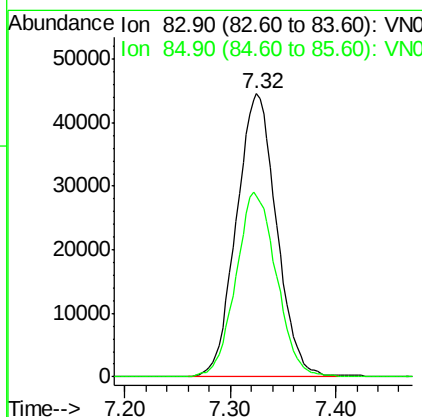
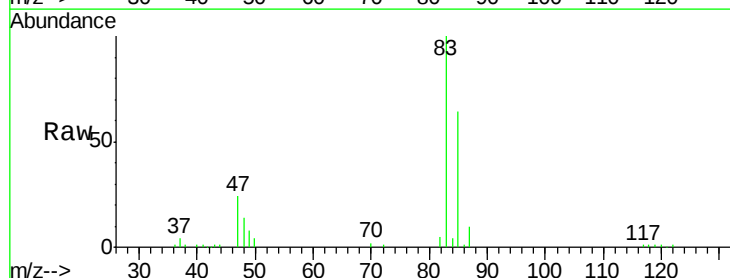
Manual Integrations
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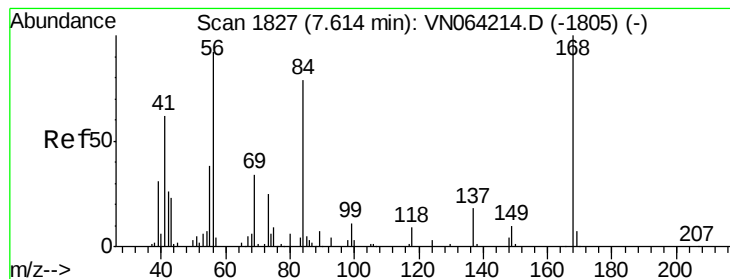
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#30
Chloroform
Concen: 20.098 ug/l
RT: 7.32 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VN064240.D
Acq: 22 Oct 2020 1:54

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.9	52.5	78.7





#31

Cyclohexane

Concen: 18.620 ug/l

RT: 7.61 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN064240.D

Acq: 22 Oct 2020 1:54

Instrument :

MSVOA_N

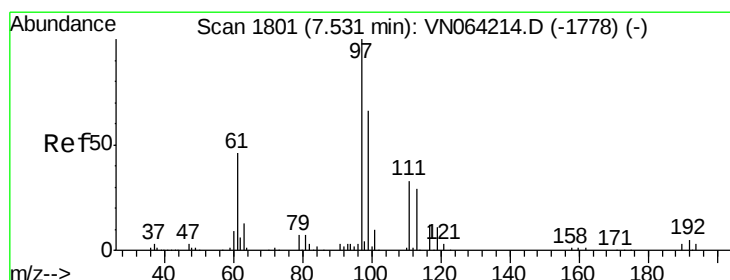
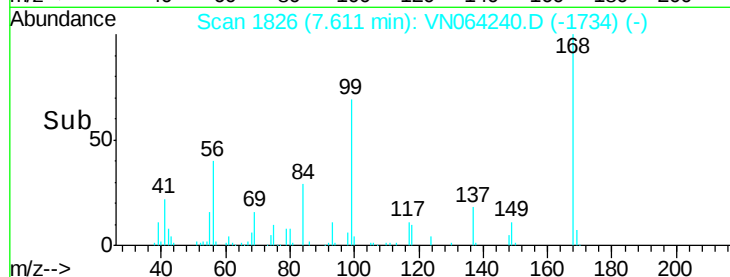
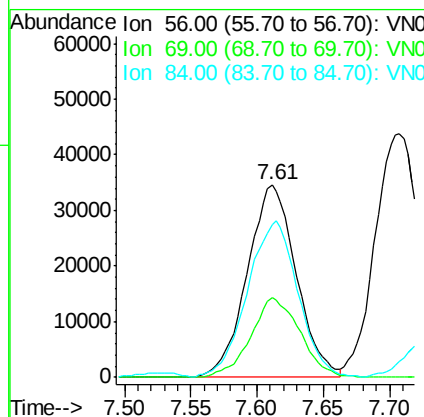
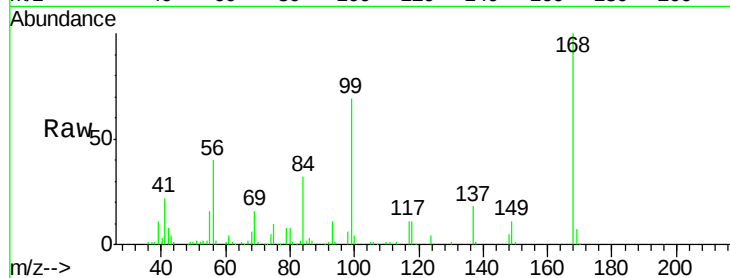
ClientSampleId :

VN1021WBSD02

Tot Ion:	56	Resp:	89218
Ion	Ratio	Lower	Upper
56	100		
69	41.5	29.8	44.6
84	79.0	68.1	102.1

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 19.985 ug/l

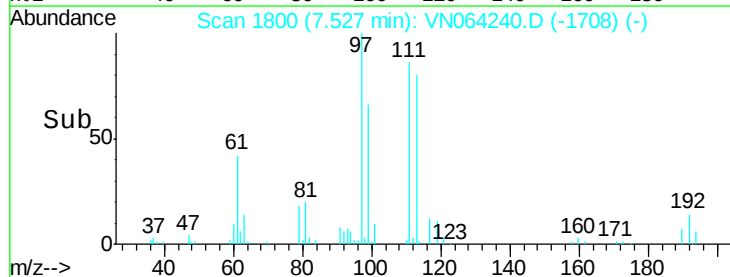
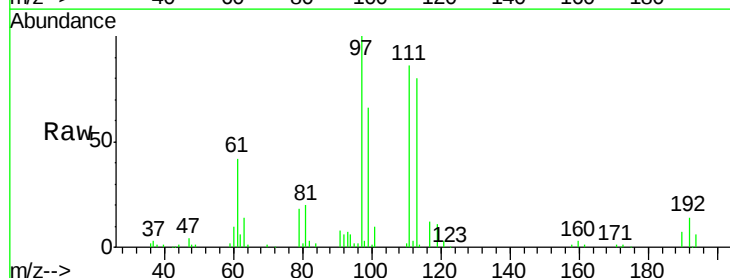
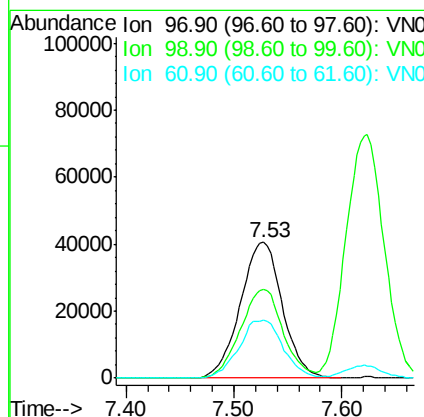
RT: 7.53 min Scan# 1800

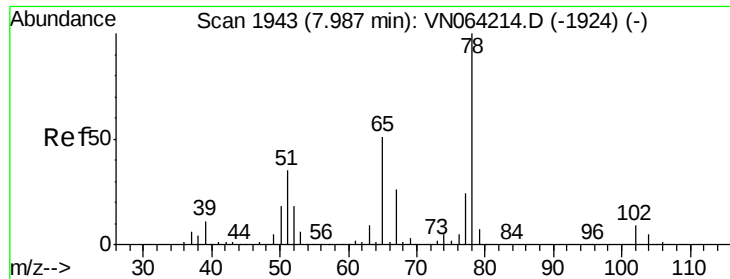
Delta R.T. -0.00 min

Lab File: VN064240.D

Acq: 22 Oct 2020 1:54

Tgt Ion:	97	Resp:	109795
Ion	Ratio	Lower	Upper
97	100		
99	66.4	51.2	76.8
61	22.9	36.3	54.5#





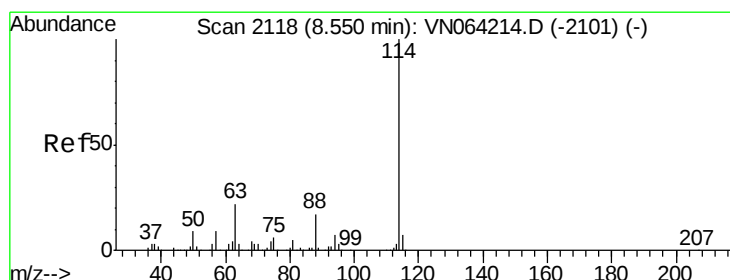
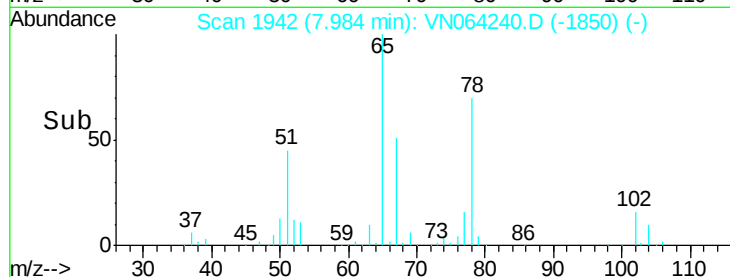
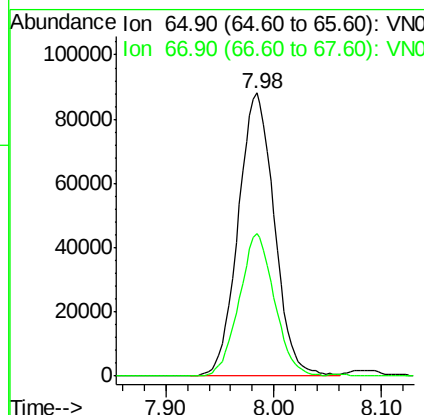
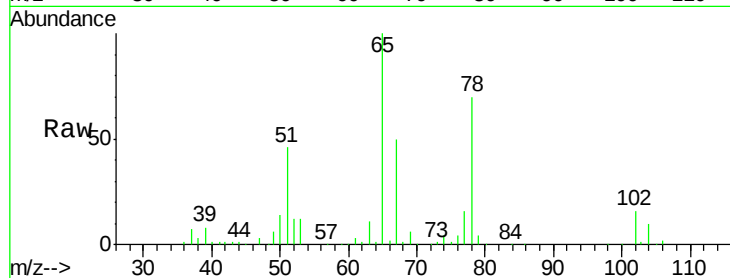
#33
 1,2-Dichloroethane-d4
 Concen: 50.837 ug/l
 RT: 7.98 min Scan# 1942
 Delta R.T. -0.00 min
 Lab File: VN064240.D
 Acq: 22 Oct 2020 1:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1021WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	205478		
67	49.0	0.0	100.2	

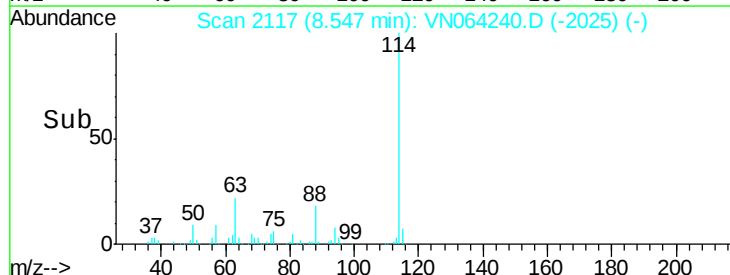
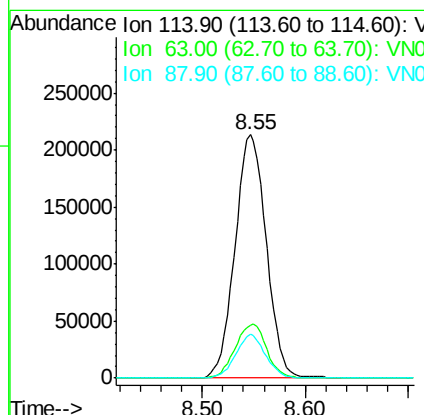
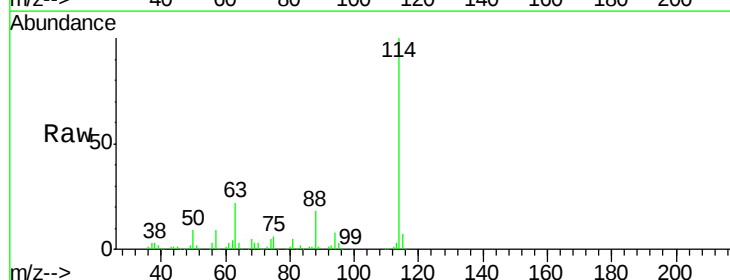
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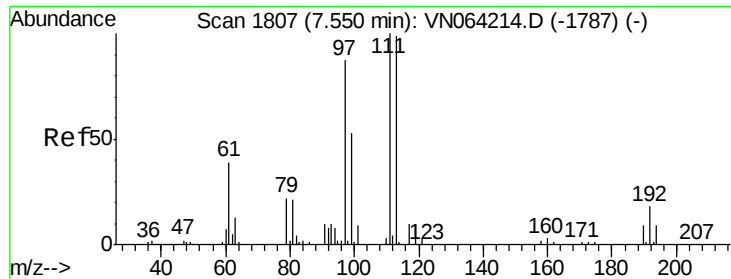
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VN064240.D
 Acq: 22 Oct 2020 1:54

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	451312		
63	21.8	0.0	44.0	
88	17.9	0.0	34.2	





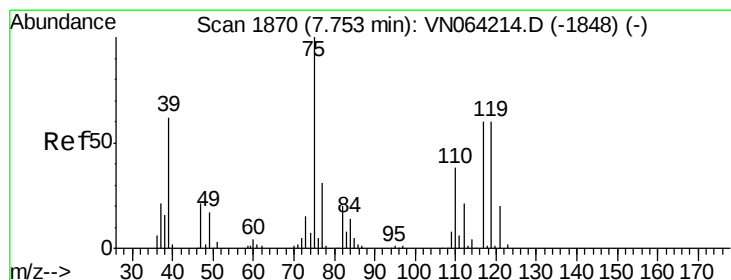
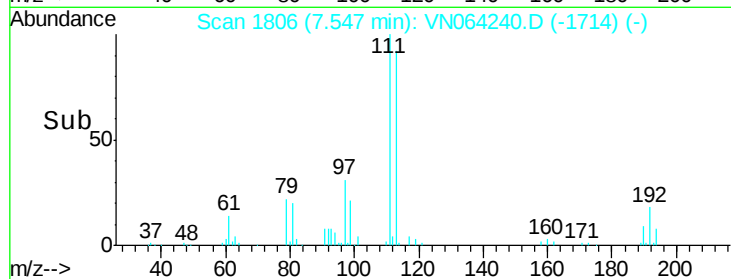
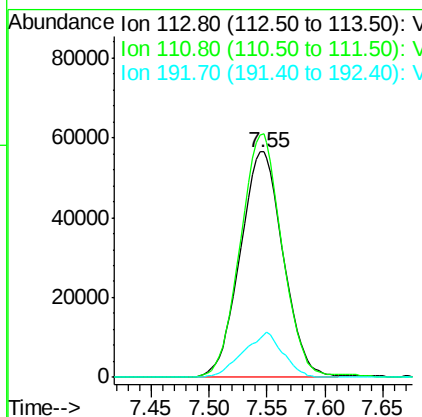
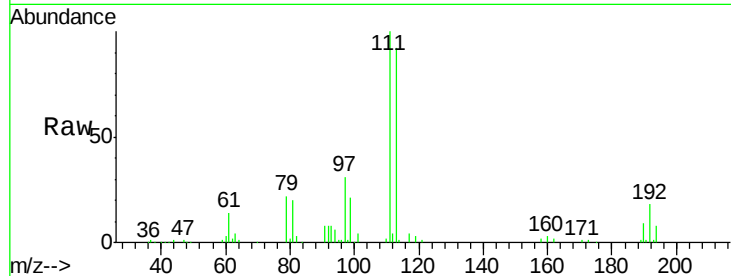
#35
Dibromofluoromethane
Concen: 48.663 ug/l
RT: 7.55 min Scan# 1806
Delta R.T. -0.00 min
Lab File: VN064240.D
Acq: 22 Oct 2020 1:54

Instrument :
MSVOA_N
ClientSampleId :
VN1021WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
113	100	146016		
111	104.3	84.2	126.2	
192	18.6	15.2	22.8	

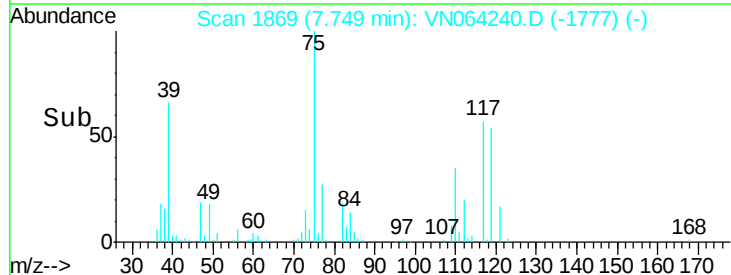
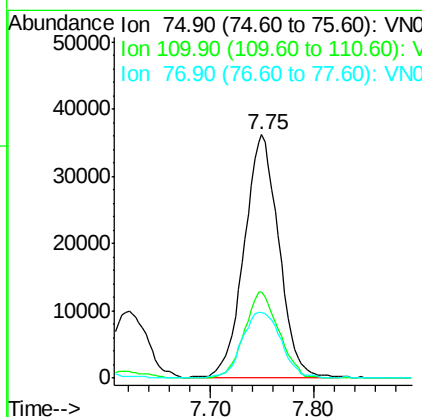
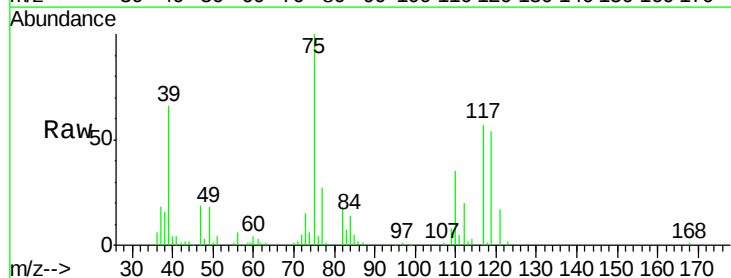
Manual Integrations
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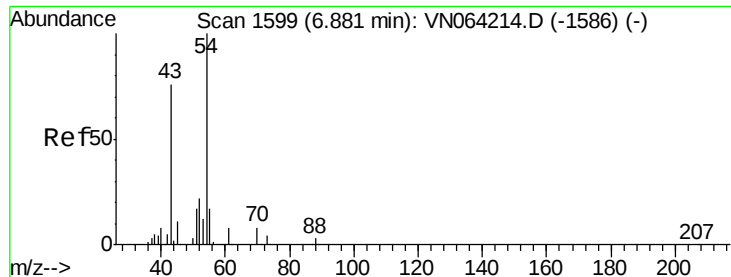
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#36
1,1-Dichloropropene
Concen: 18.874 ug/l
RT: 7.75 min Scan# 1869
Delta R.T. -0.00 min
Lab File: VN064240.D
Acq: 22 Oct 2020 1:54

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	84922		
110	34.9	17.2	51.6	
77	30.4	24.9	37.3	





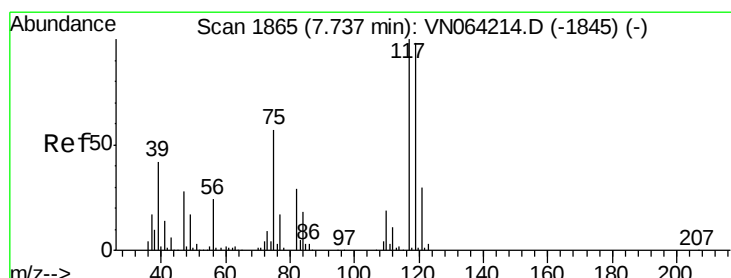
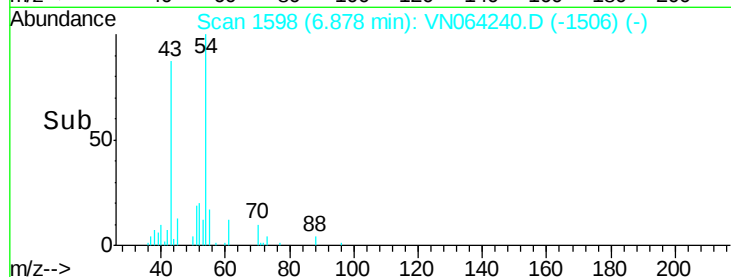
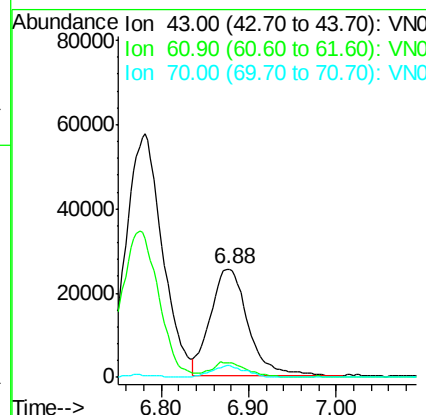
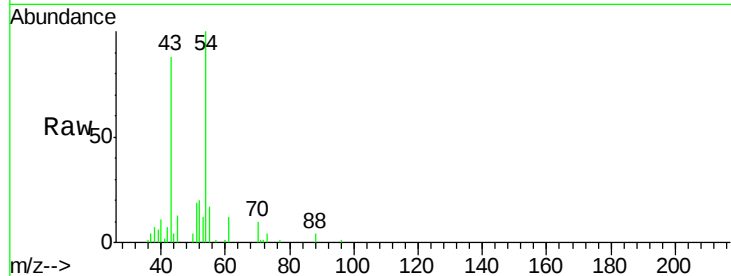
#37
Ethyl Acetate
Concen: 18.648 ug/l
RT: 6.88 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VN064240.D
Acq: 22 Oct 2020 1:54

Instrument :
MSVOA_N
ClientSampleId :
VN1021WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.6	10.0	15.0
70	9.9	7.5	11.3

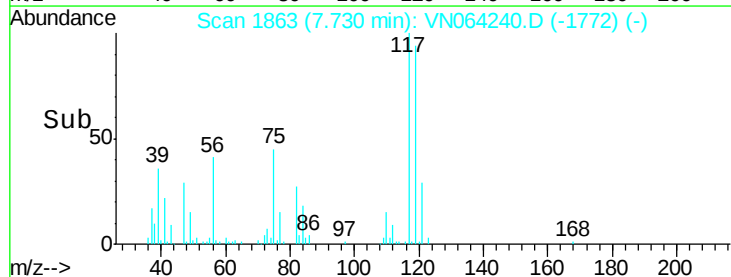
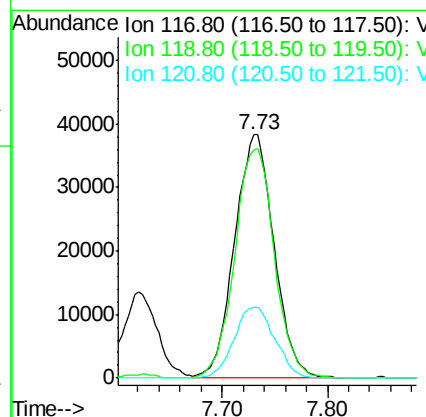
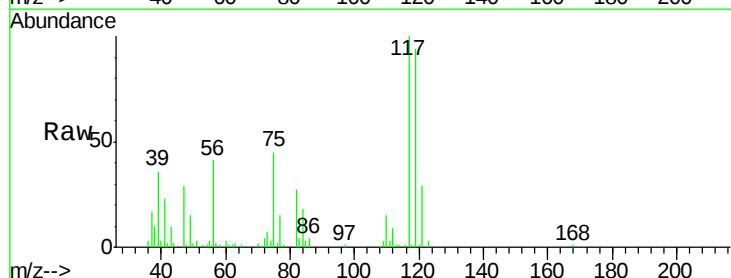
Manual Integrations
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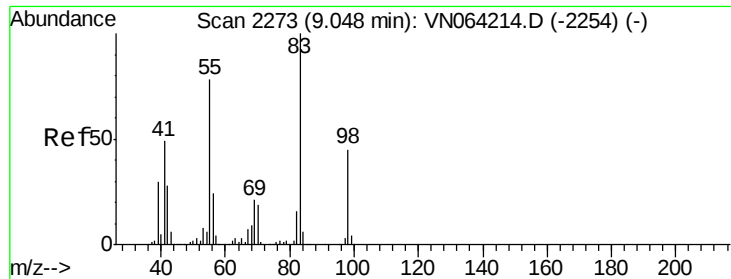
MMDadoda
10/23/2020 2:10:39 PM



#38
Carbon Tetrachloride
Concen: 19.453 ug/l
RT: 7.73 min Scan# 1863
Delta R.T. -0.01 min
Lab File: VN064240.D
Acq: 22 Oct 2020 1:54

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.9	78.5	117.7
121	28.8	24.3	36.5





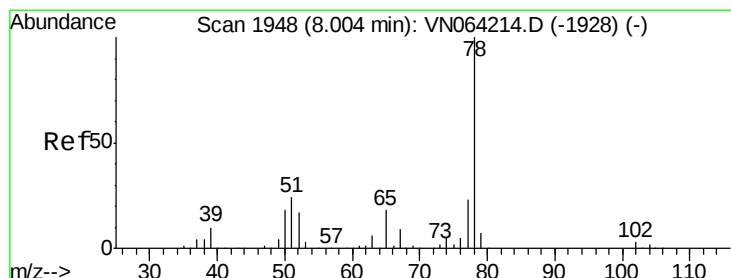
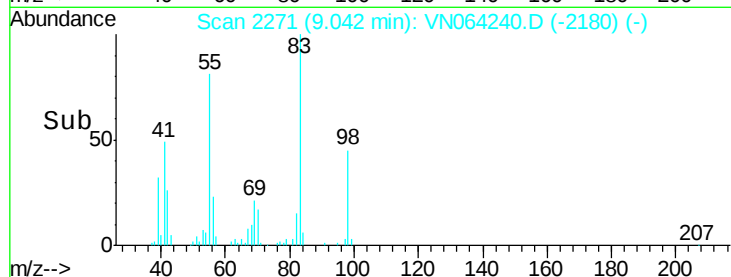
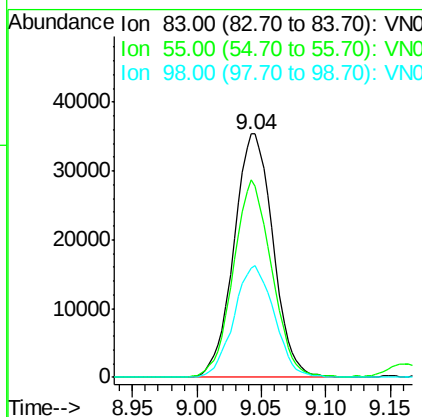
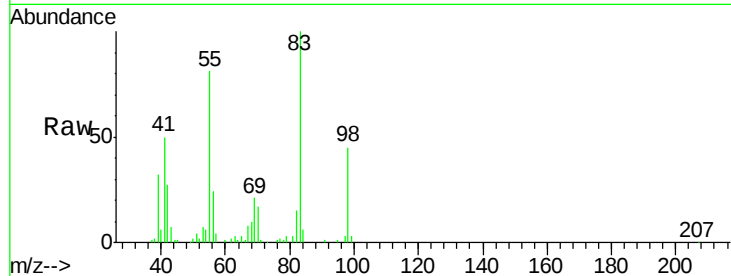
#39
Methvlcvclohexane
Concen: 18.278 ug/l
RT: 9.04 min Scan# 2271
Delta R.T. -0.01 min
Lab File: VN064240.D
Acq: 22 Oct 2020 1:54

Instrument :
MSVOA_N
ClientSampleId :
VN1021WBSD02

Tot Ion	Ratio	Lower	Upper
83	100		
55	81.0	62.2	93.2
98	45.1	35.9	53.9

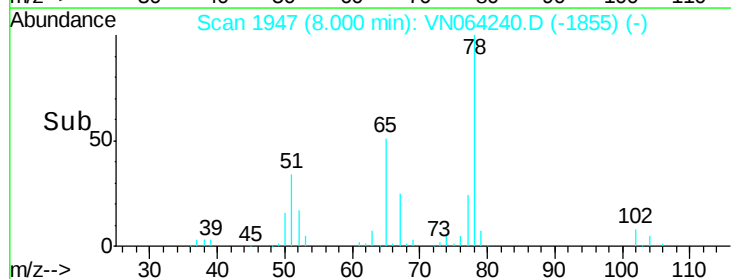
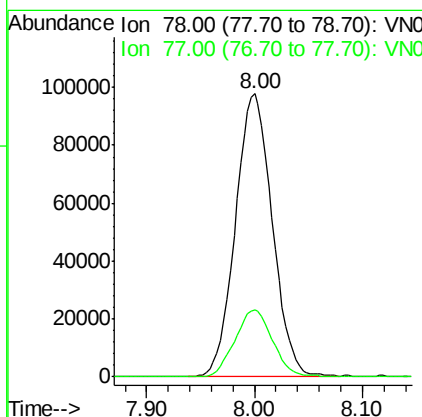
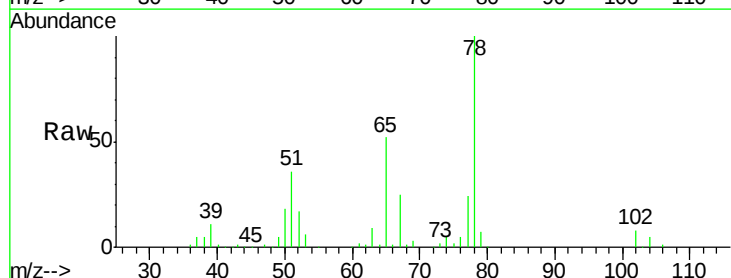
Manual Integrations
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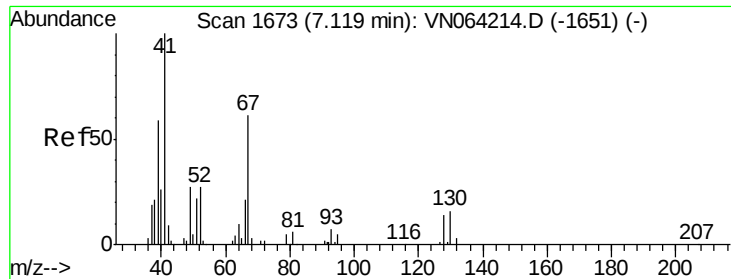
MMDadoda
10/23/2020 2:10:39 PM



#40
Benzene
Concen: 18.708 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN064240.D
Acq: 22 Oct 2020 1:54

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.3	27.5





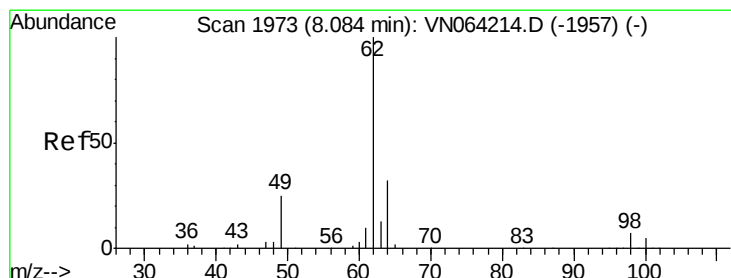
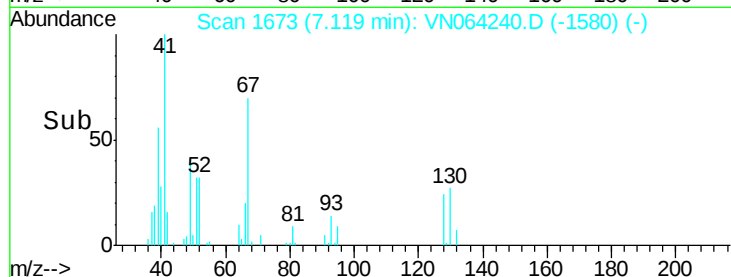
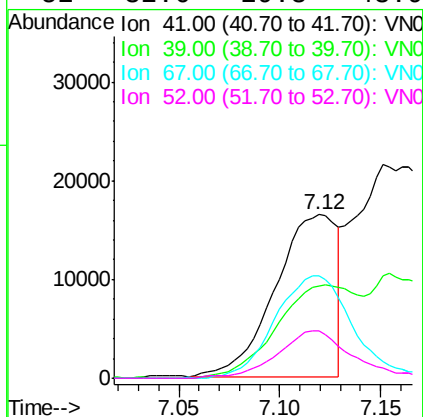
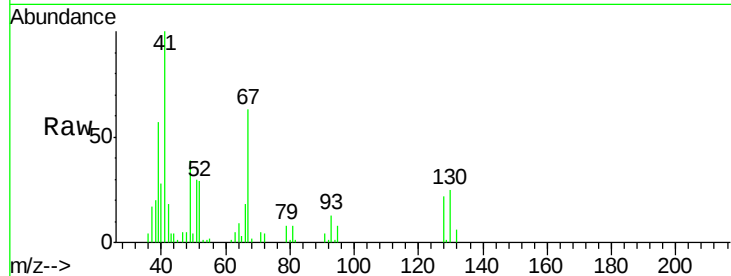
#41
Methacrylonitrile
Concen: 16.199 ug/l
RT: 7.12 min Scan# 1673
Delta R.T. -0.00 min
Lab File: VN064240.D
Acq: 22 Oct 2020 1:54

Instrument :
MSVOA_N
ClientSampleId :
VN1021WBSD02

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	76.4	50.5	75.7#	
67	80.2	63.2	94.8	
52	32.6	29.3	43.9	

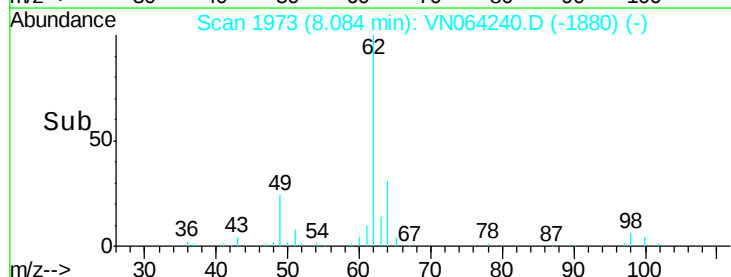
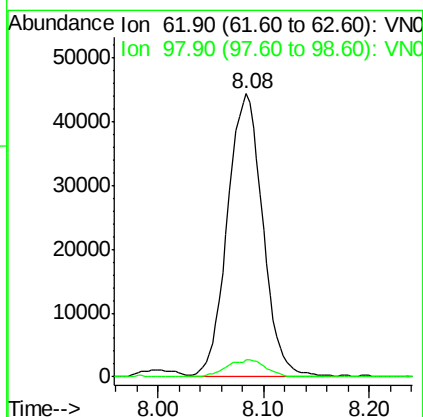
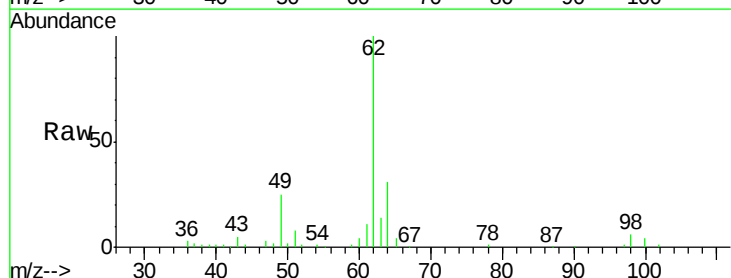
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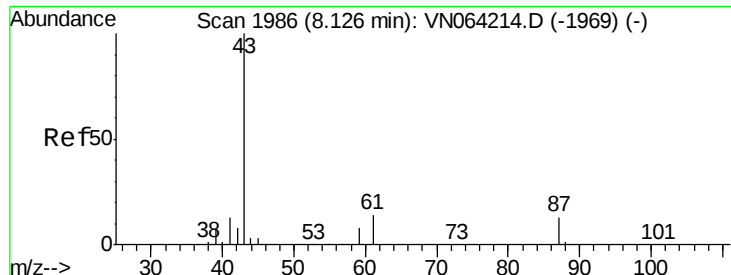
MMDadoda
10/23/2020 2:10:39 PM



#42
1,2-Dichloroethane
Concen: 19.389 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN064240.D
Acq: 22 Oct 2020 1:54

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	6.6	0.0	15.0	





#43

Isopropyl Acetate

Concen: 18.514 ug/l

RT: 8.12 min Scan# 1985

Delta R.T. -0.00 min

Lab File: VN064240.D

Acq: 22 Oct 2020 1:54

Instrument :

MSVOA_N

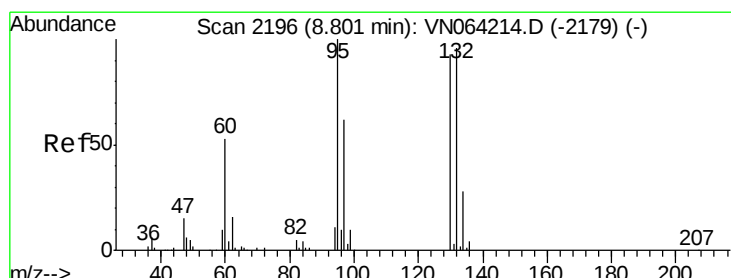
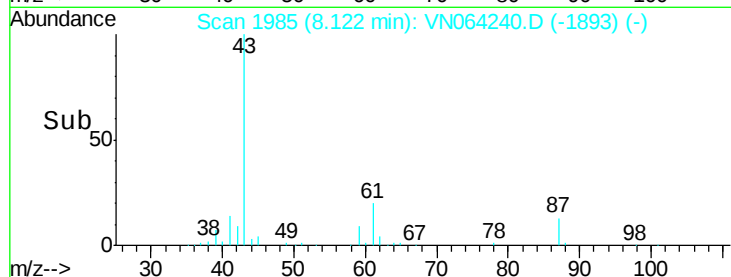
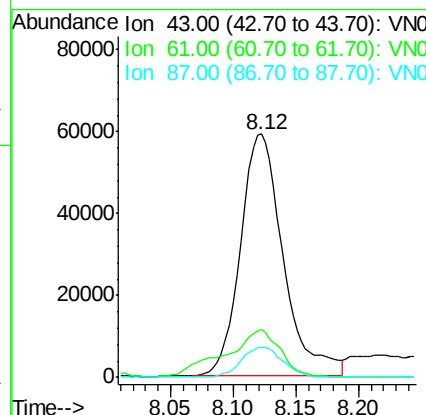
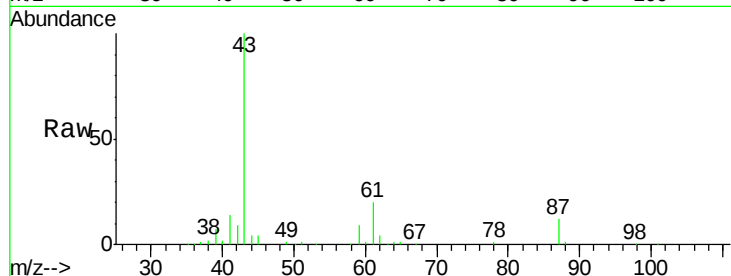
ClientSampleId :

VN1021WBSD02

Tot Ion:	43	Resp:	140956
Ion	Ratio	Lower	Upper
43	100		
61	25.6	19.6	29.4
87	11.9	9.8	14.6

Manual Integrations
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10/23/2020 2:10:39 PM



#44

Trichloroethene

Concen: 19.492 ug/l

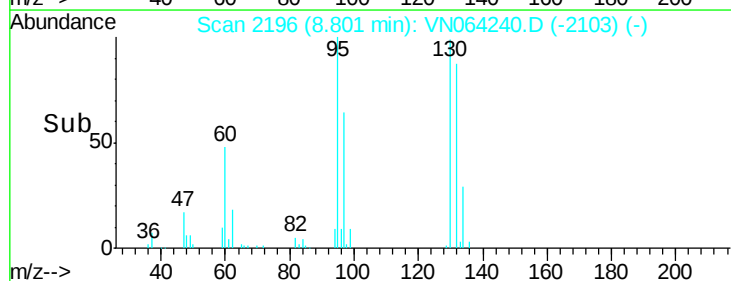
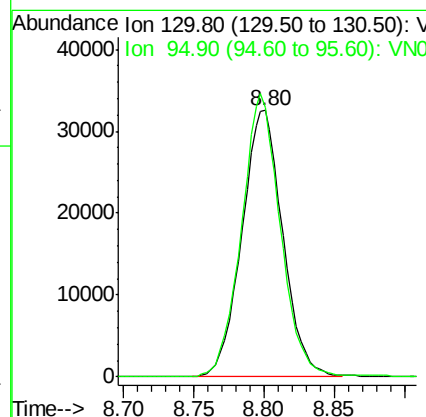
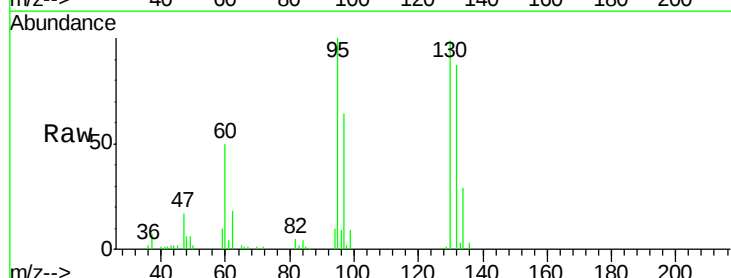
RT: 8.80 min Scan# 2196

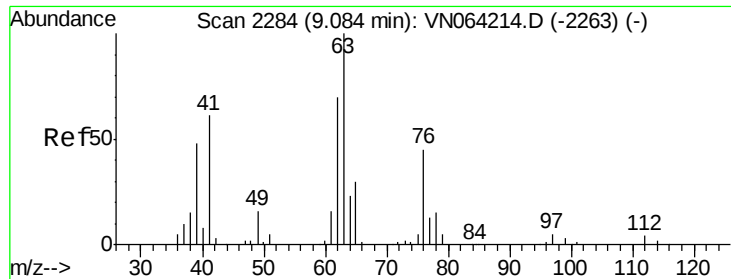
Delta R.T. -0.00 min

Lab File: VN064240.D

Acq: 22 Oct 2020 1:54

Tgt Ion:	130	Resp:	65972
Ion	Ratio	Lower	Upper
130	100		
95	101.3	0.0	214.0





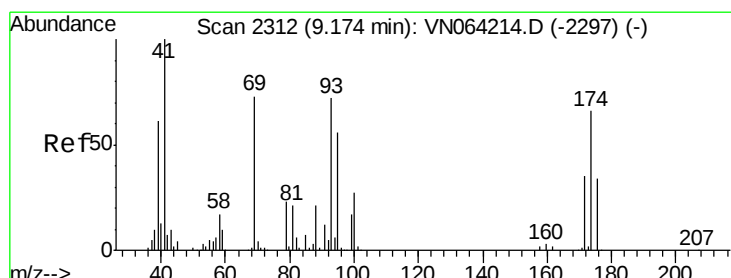
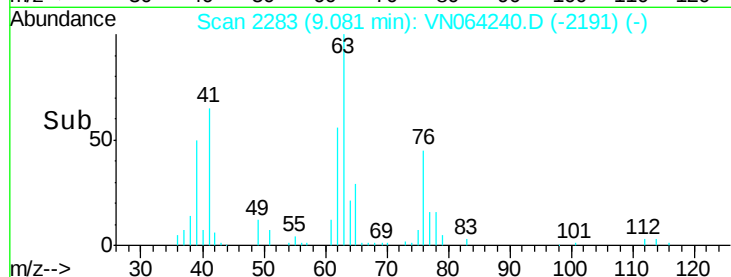
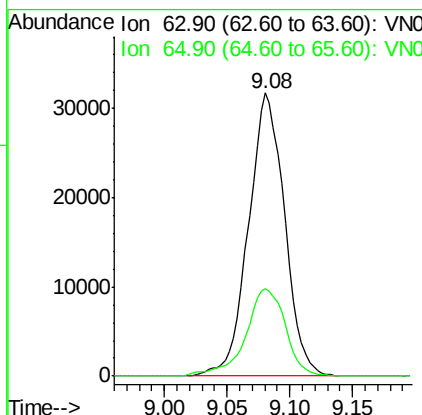
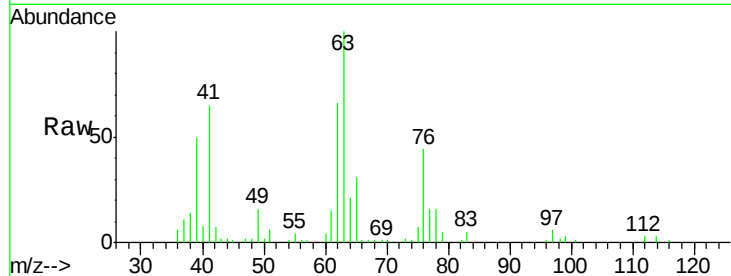
#45
 1,2-Dichloropropane
 Concen: 19.177 ug/l
 RT: 9.08 min Scan# 2283
 Delta R.T. -0.00 min
 Lab File: VN064240.D
 Acq: 22 Oct 2020 1:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1021WBSD02

Tot Ion: 63 Resp: 63585
 Ion Ratio Lower Upper
 63 100
 65 31.0 24.0 36.0

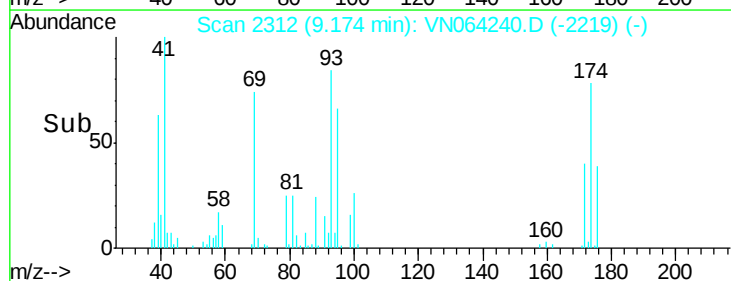
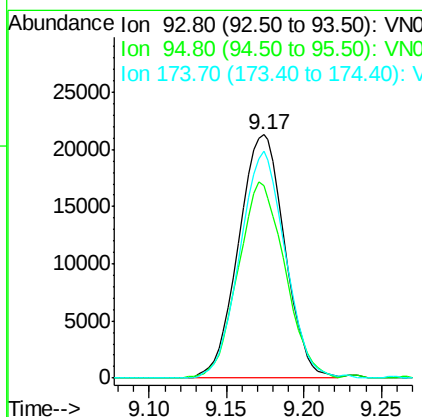
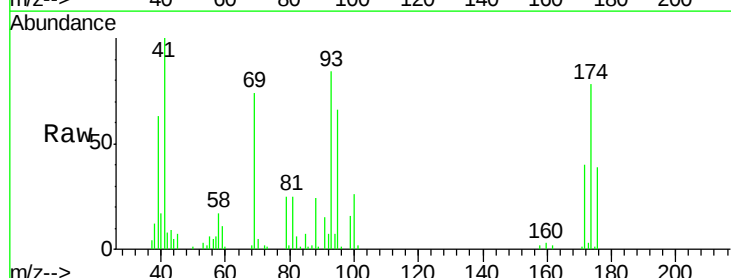
Manual Integrations
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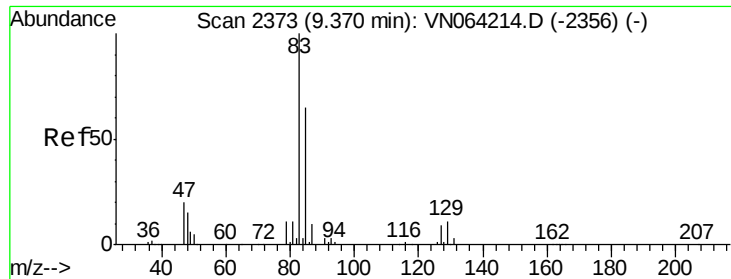
MMDadoda
 10/23/2020 2:10:39 PM



#46
 Dibromomethane
 Concen: 19.844 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN064240.D
 Acq: 22 Oct 2020 1:54

Tgt Ion: 93 Resp: 44181
 Ion Ratio Lower Upper
 93 100
 95 81.6 63.0 94.4
 174 91.7 72.9 109.3





#47

Bromodichloromethane

Concen: 19.278 ug/l

RT: 9.37 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN064240.D

Acq: 22 Oct 2020 1:54

Instrument :

MSVOA_N

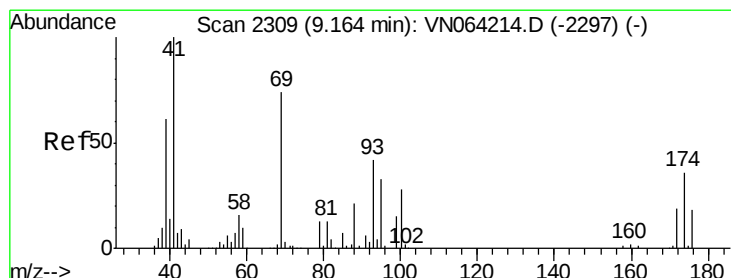
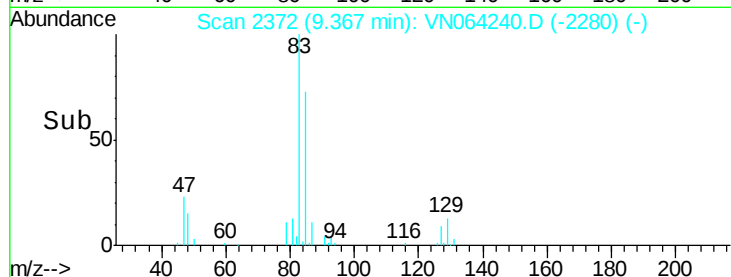
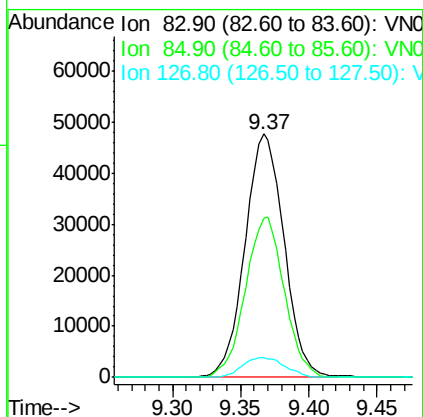
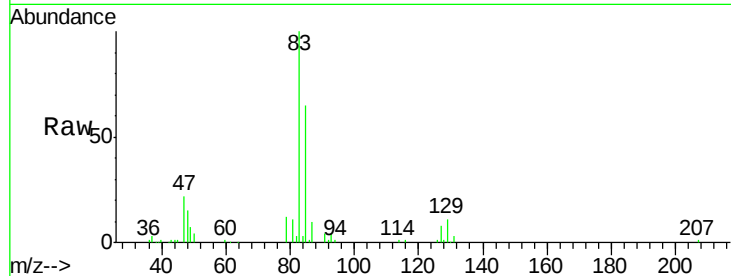
ClientSampleId :

VN1021WBSD02

Tot Ion:	83	Resp:	94823
Ion	Ratio	Lower	Upper
83	100		
85	65.2	51.8	77.8
127	7.9	7.4	11.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 17.126 ug/l

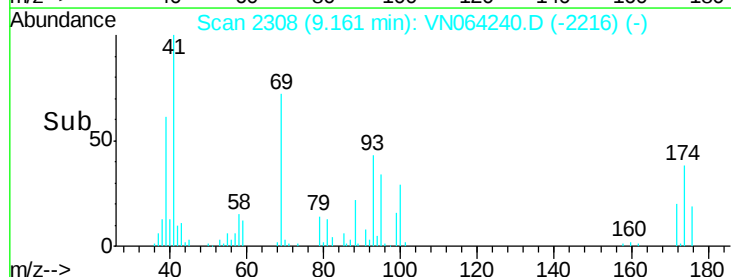
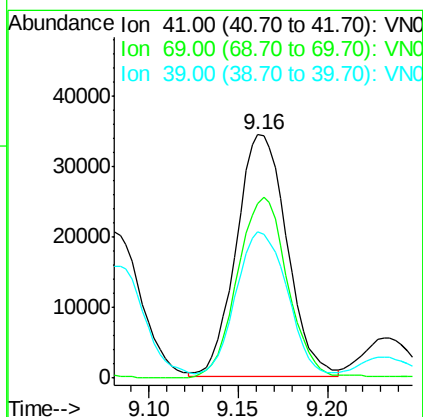
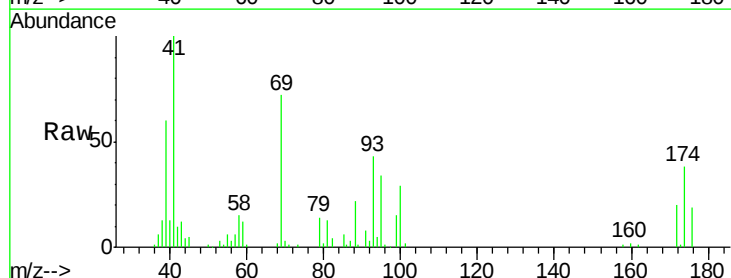
RT: 9.16 min Scan# 2308

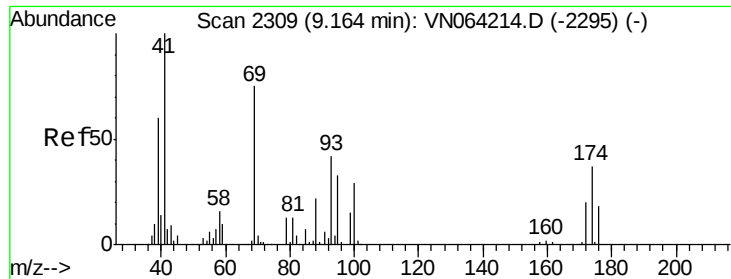
Delta R.T. -0.00 min

Lab File: VN064240.D

Acq: 22 Oct 2020 1:54

Tgt Ion:	41	Resp:	68112
Ion	Ratio	Lower	Upper
41	100		
69	73.7	57.3	85.9
39	61.8	48.6	73.0





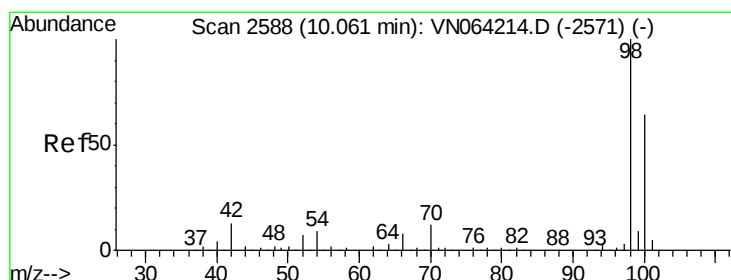
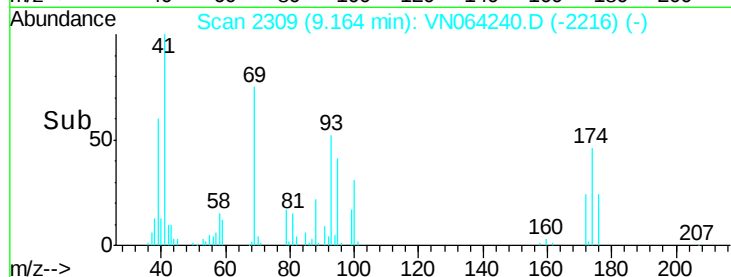
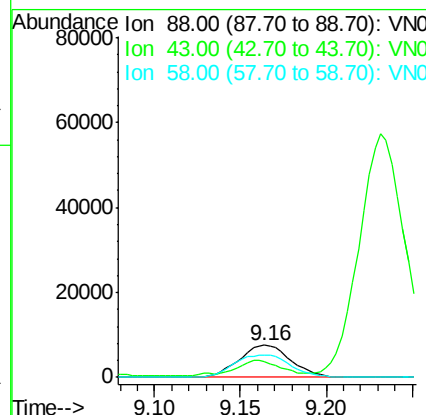
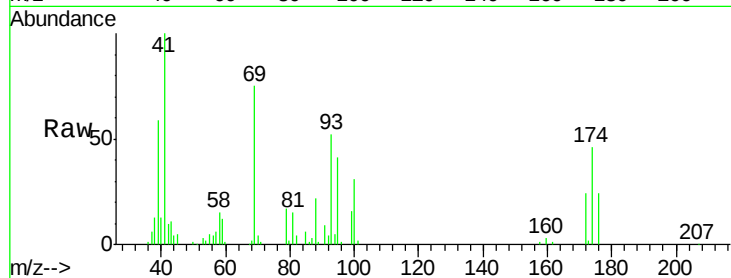
#49
1,4-Dioxane
Concen: 337.026 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN064240.D
Acq: 22 Oct 2020 1:54

Instrument :
MSVOA_N
ClientSampleId :
VN1021WBSD02

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.6	34.6	52.0#
58	75.4	59.0	88.6

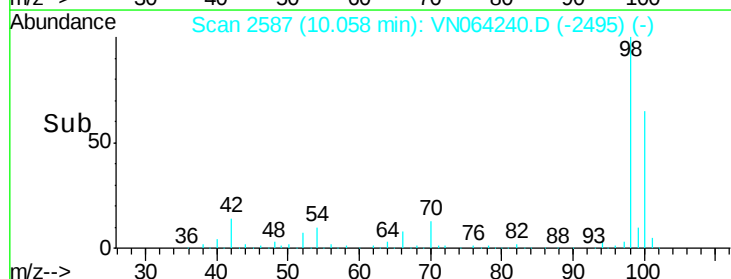
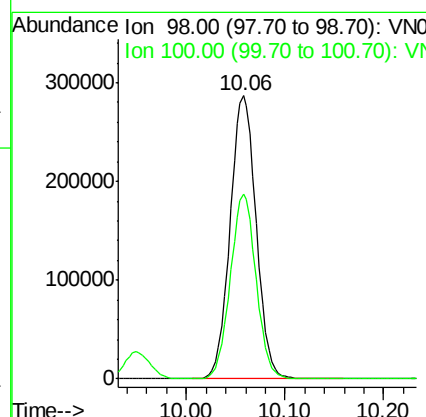
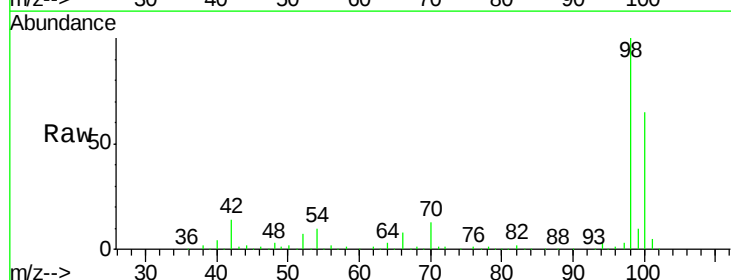
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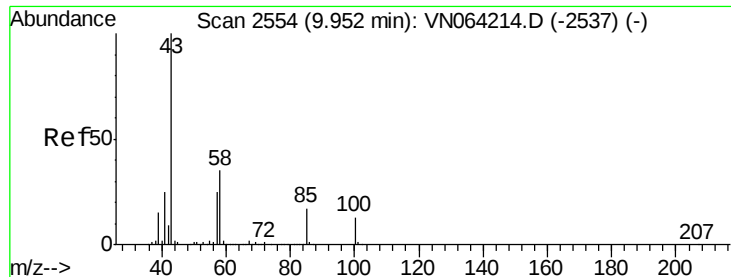
MMDadoda
10/23/2020 2:10:39 PM



#50
Toluene-d8
Concen: 48.751 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN064240.D
Acq: 22 Oct 2020 1:54

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	50.8	76.2





#51

4-Methyl-2-Pentanone

Concen: 92.169 ug/l

RT: 9.95 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN064240.D

Acq: 22 Oct 2020 1:54

Instrument :

MSVOA_N

ClientSampleId :

VN1021WBSD02

Tot Ion: 43 Resp: 375032

Ion Ratio Lower Upper

43 100

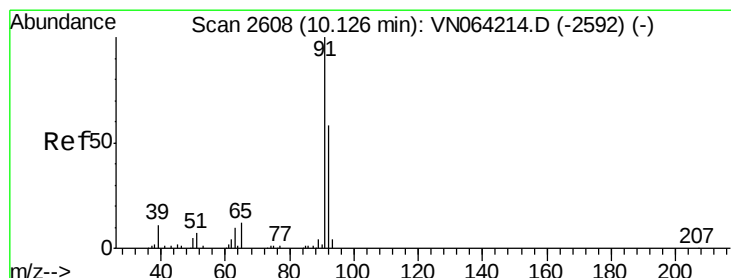
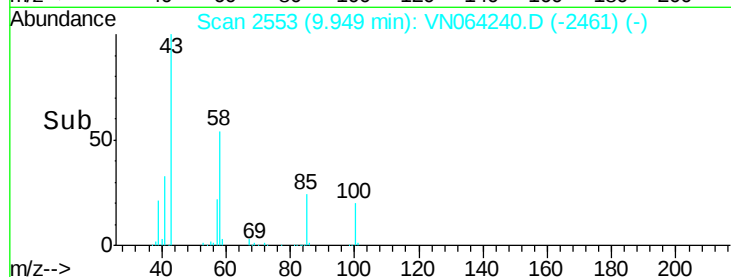
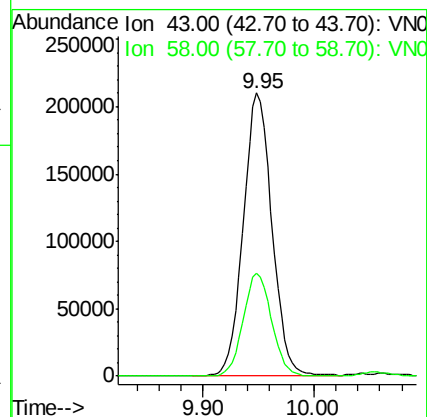
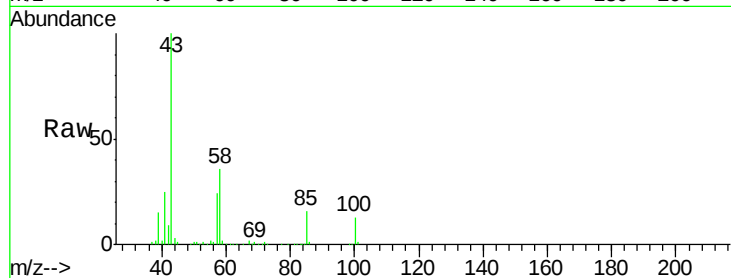
58 36.2 28.6 42.8

Manual Integrations

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10/23/2020 2:10:39 PM



#52

Toluene

Concen: 19.262 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064240.D

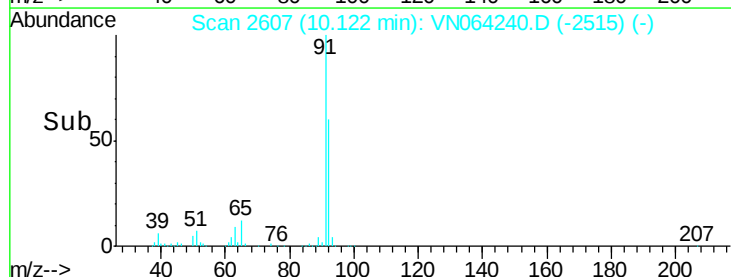
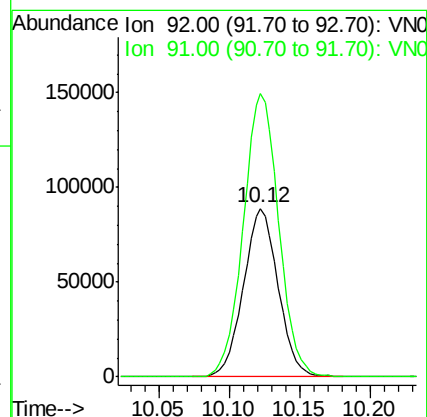
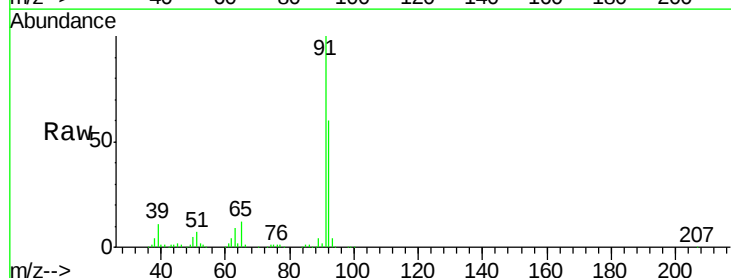
Acq: 22 Oct 2020 1:54

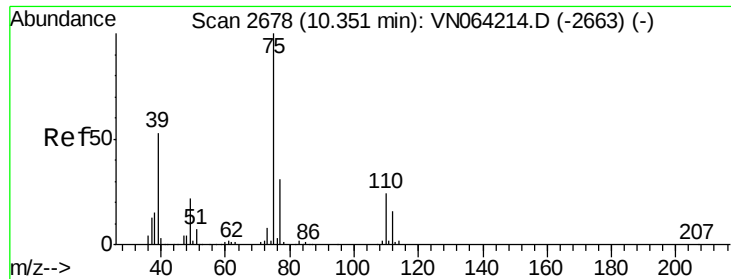
Tgt Ion: 92 Resp: 153081

Ion Ratio Lower Upper

92 100

91 172.0 137.4 206.2





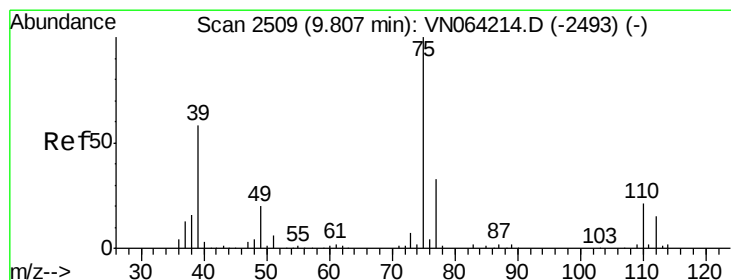
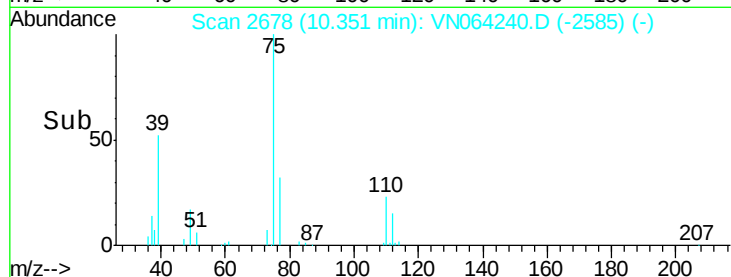
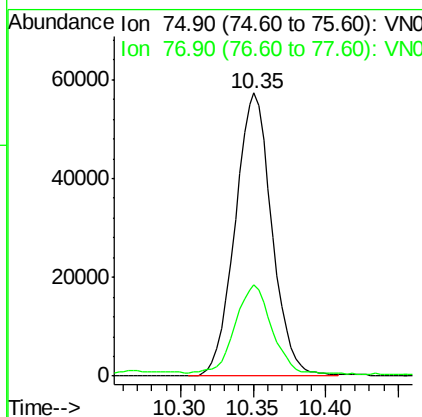
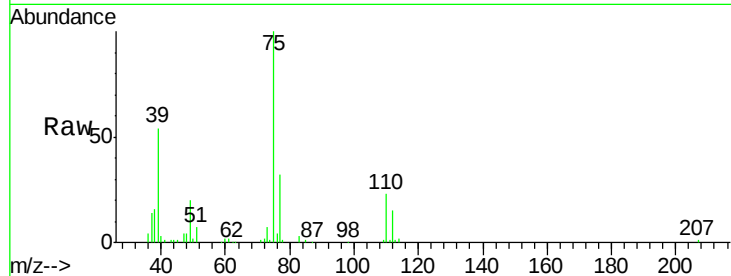
#53
t-1,3-Dichloropropene
Concen: 18.406 ug/l
RT: 10.35 min Scan# 2678
Delta R.T. -0.00 min
Lab File: VN064240.D
Acq: 22 Oct 2020 1:54

Instrument :
MSVOA_N
ClientSampleId :
VN1021WBSD02

Tot Ion: 75 Resp: 100574
Ion Ratio Lower Upper
75 100
77 31.2 25.4 38.2

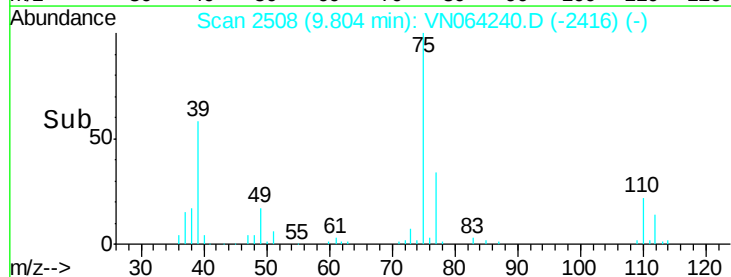
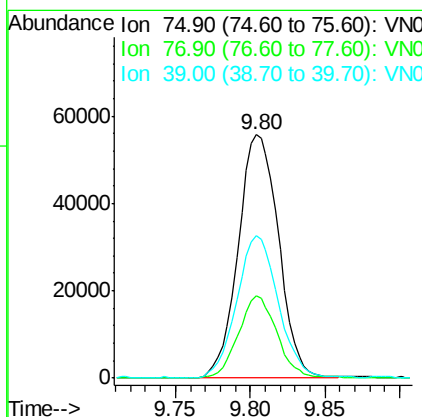
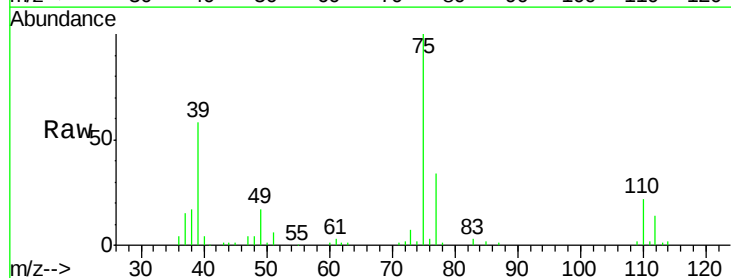
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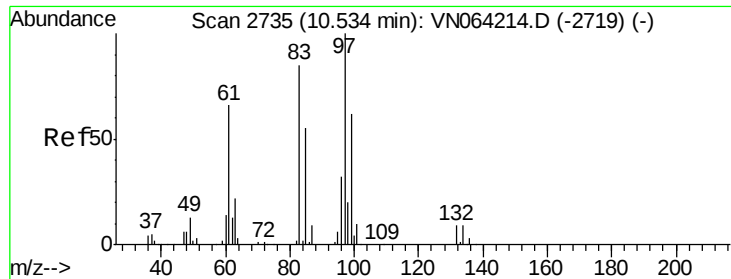
MMDadoda
10/23/2020 2:10:39 PM



#54
cis-1,3-Dichloropropene
Concen: 18.206 ug/l
RT: 9.80 min Scan# 2508
Delta R.T. -0.00 min
Lab File: VN064240.D
Acq: 22 Oct 2020 1:54

Tgt Ion: 75 Resp: 104744
Ion Ratio Lower Upper
75 100
77 33.9 26.6 39.8
39 58.0 46.7 70.1





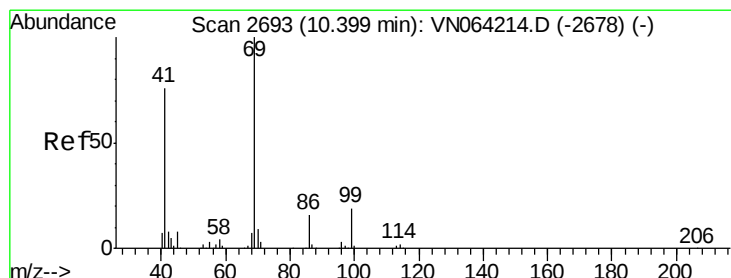
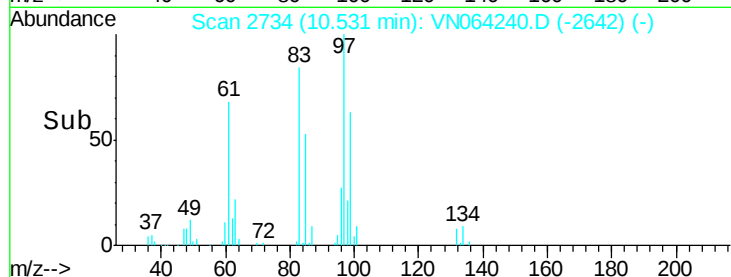
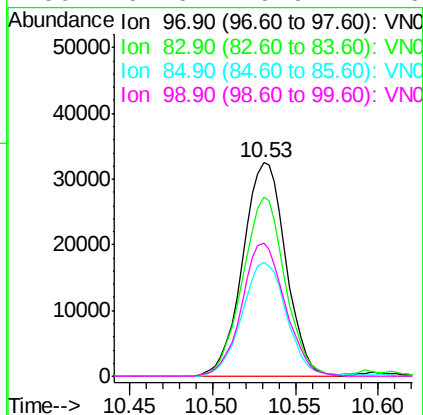
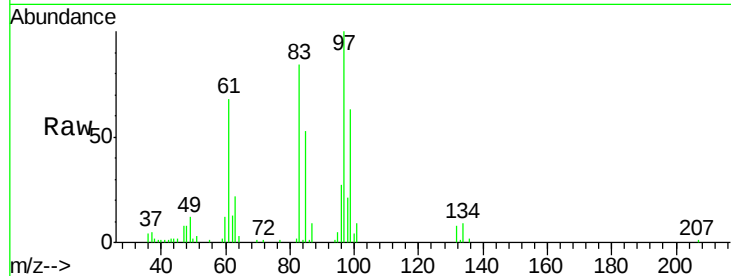
#55
 1,1,2-Trichloroethane
 Concen: 19.499 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN064240.D
 Acq: 22 Oct 2020 1:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1021WBSD02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		58526		
83	84.0	67.8	101.6		
85	53.2	43.6	65.4		
99	62.6	49.9	74.9		

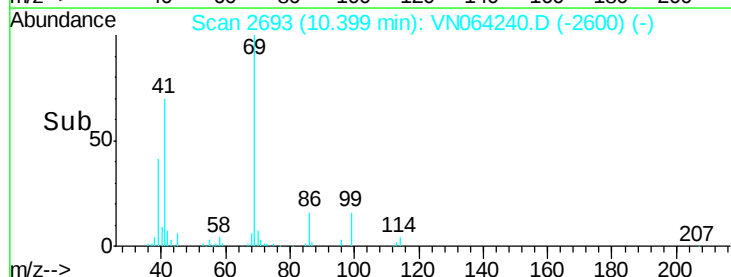
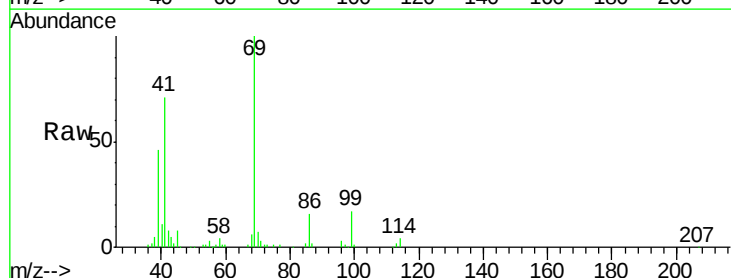
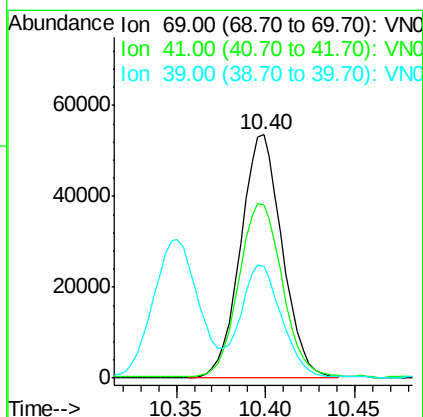
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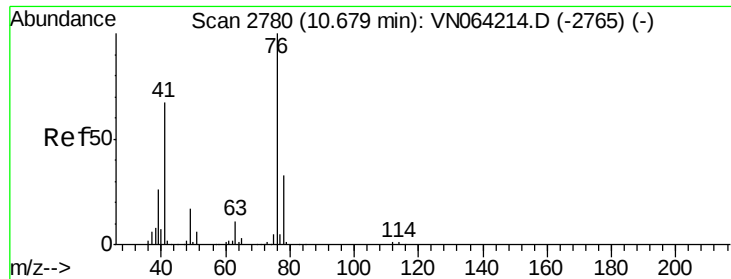
MMDadoda
 10/23/2020 2:10:39 PM



#56
 Ethyl methacrylate
 Concen: 18.933 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. -0.00 min
 Lab File: VN064240.D
 Acq: 22 Oct 2020 1:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		87870		
41	73.5	61.4	92.2		
39	44.9	36.0	54.0		





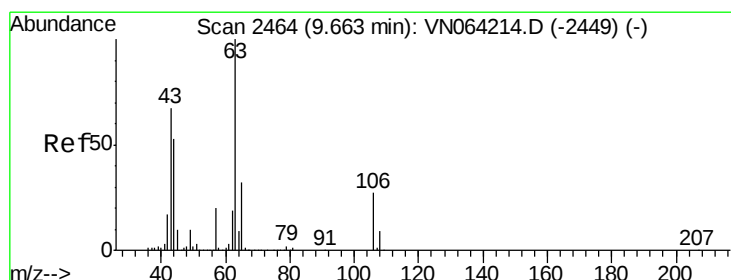
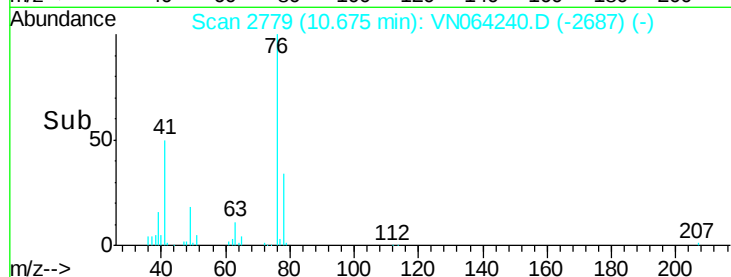
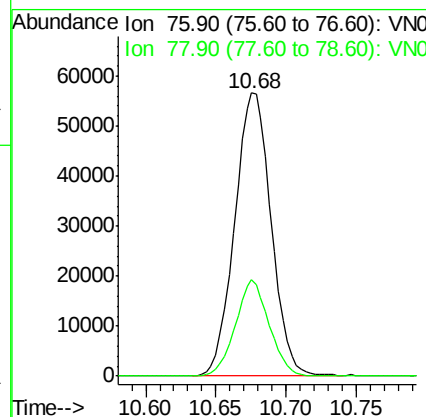
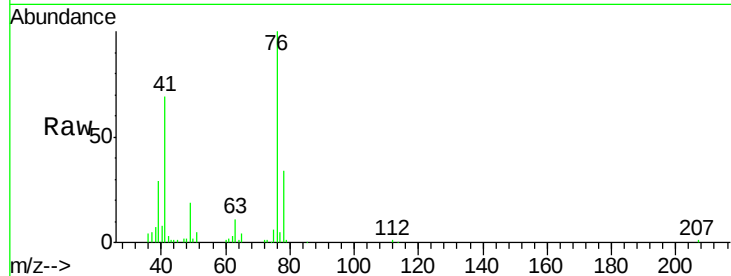
#57
 1,3-Dichloropropane
 Concen: 19.660 ug/l
 RT: 10.68 min Scan# 2779
 Delta R.T. -0.00 min
 Lab File: VN064240.D
 Acq: 22 Oct 2020 1:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1021WBSD02

Tot Ion: 76 Resp: 102500
 Ion Ratio Lower Upper
 76 100
 78 31.3 26.2 39.2

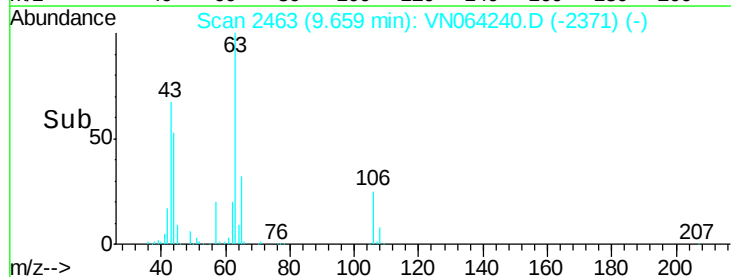
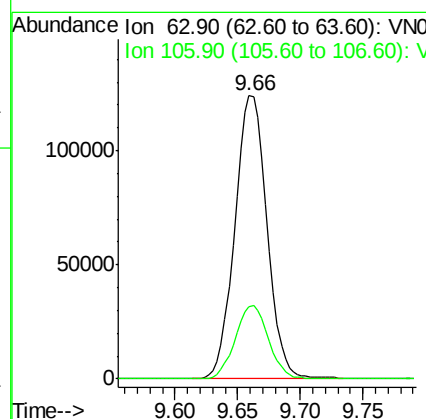
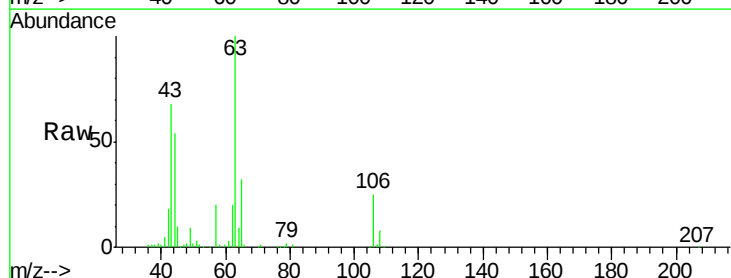
Manual Integrations
 APPROVED

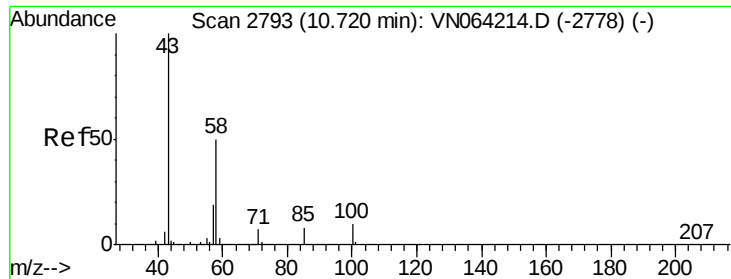
MMDadoda
 10/23/2020 2:10:39 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 92.557 ug/l
 RT: 9.66 min Scan# 2463
 Delta R.T. -0.00 min
 Lab File: VN064240.D
 Acq: 22 Oct 2020 1:54

Tgt Ion: 63 Resp: 221195
 Ion Ratio Lower Upper
 63 100
 106 26.6 21.3 31.9





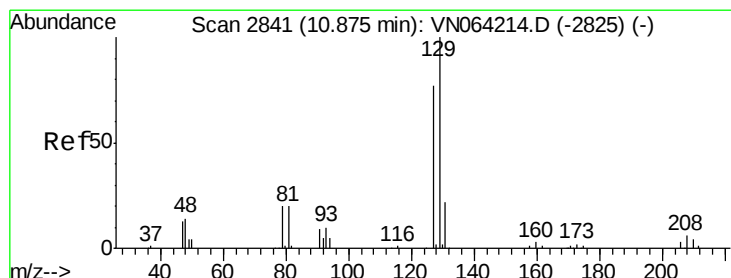
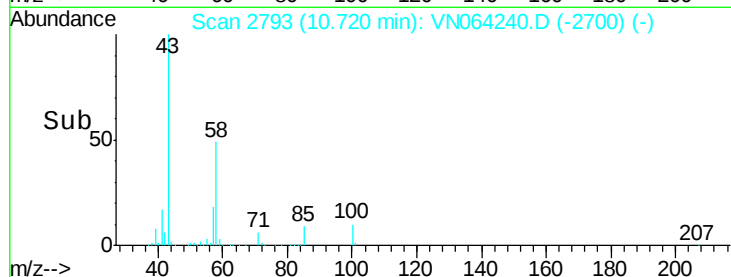
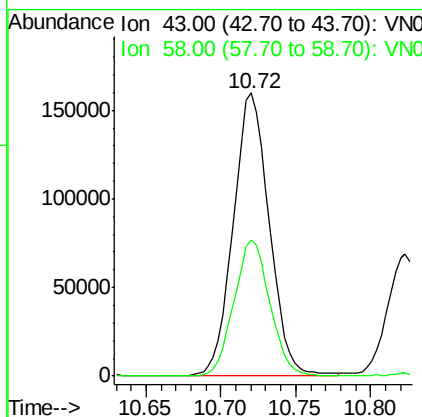
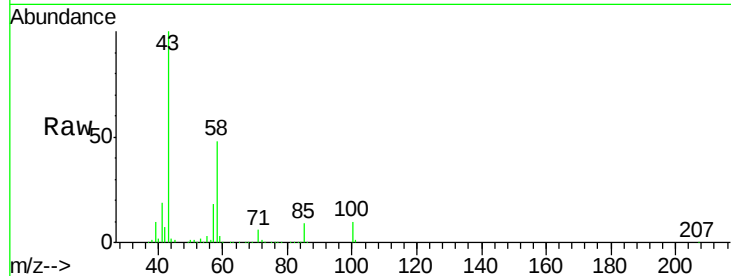
#59
2-Hexanone
Concen: 89.334 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN064240.D
Acq: 22 Oct 2020 1:54

Instrument :
MSVOA_N
ClientSampleId :
VN1021WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
58	48.4	24.8	74.3

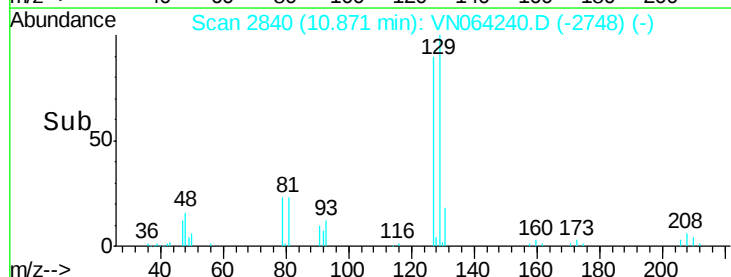
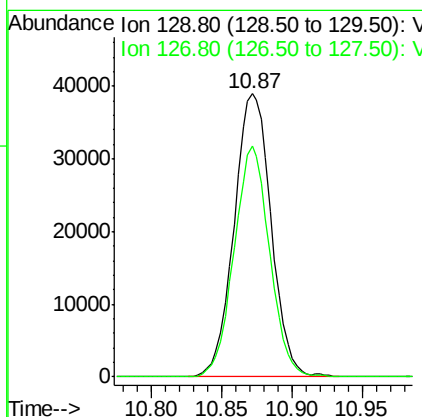
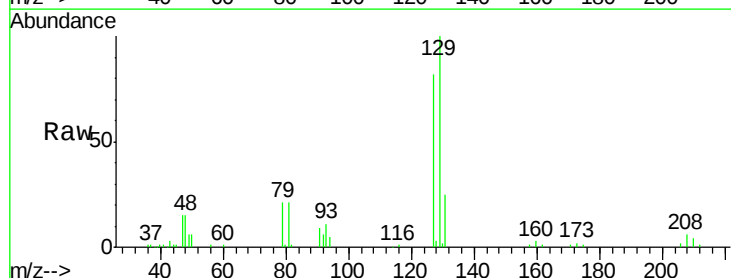
Manual Integrations
APPROVED

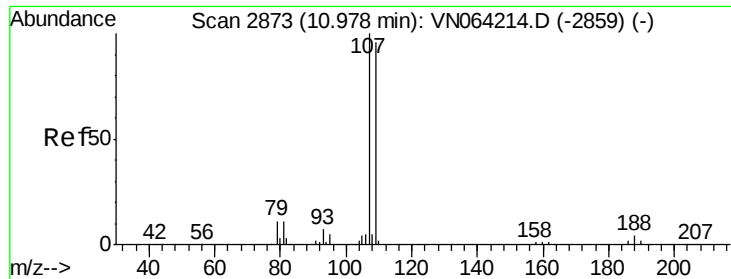
MMDadoda
10/23/2020 2:10:39 PM



#60
Dibromochloromethane
Concen: 18.453 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064240.D
Acq: 22 Oct 2020 1:54

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.2	38.8	116.3





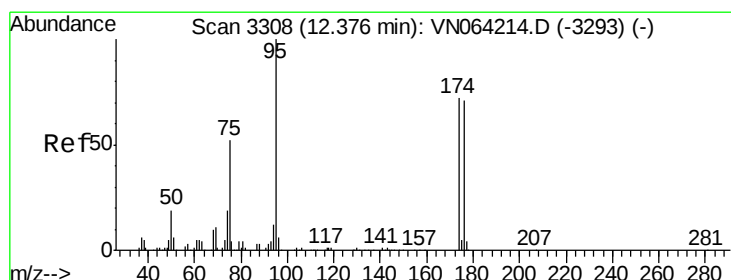
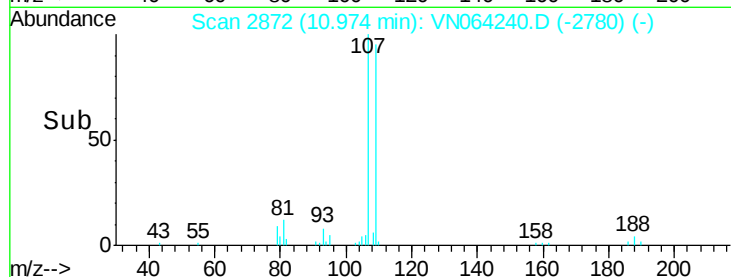
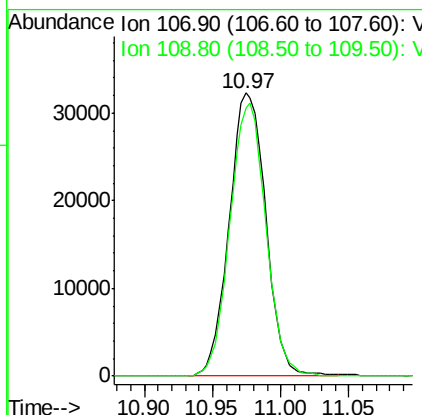
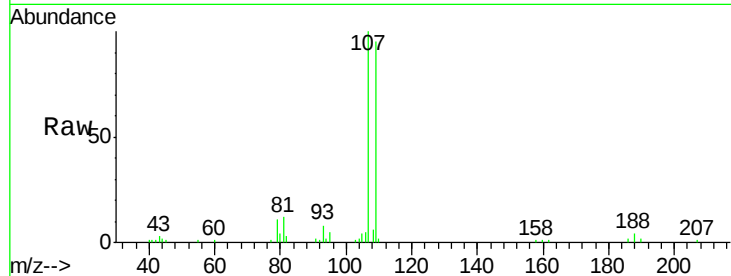
#61
 1,2-Dibromoethane
 Concen: 19.018 ug/l
 RT: 10.97 min Scan# 2872
 Delta R.T. -0.00 min
 Lab File: VN064240.D
 Acq: 22 Oct 2020 1:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1021WBSD02

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.5	76.2	114.4

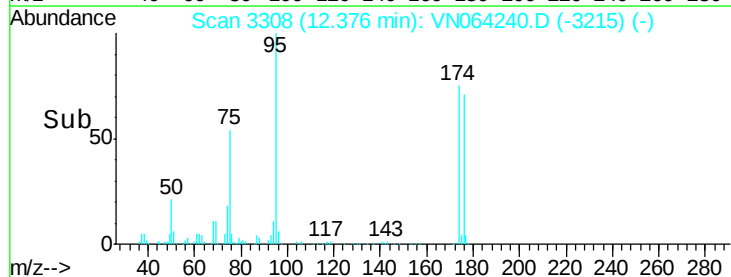
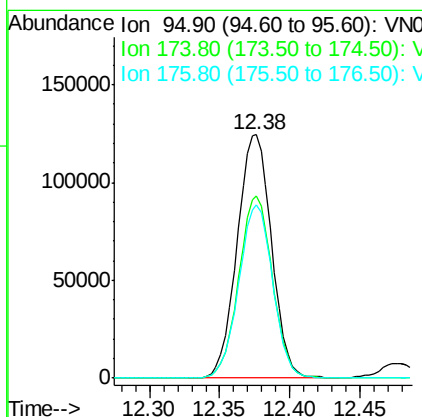
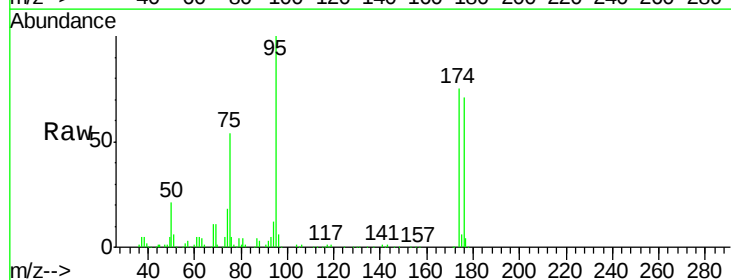
Manual Integrations
 APPROVED

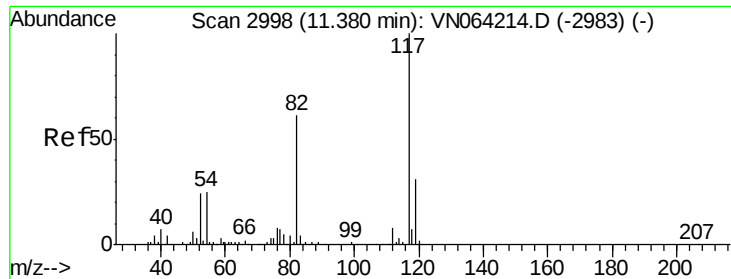
MMDadoda
 10/23/2020 2:10:39 PM



#62
 4-Bromofluorobenzene
 Concen: 48.252 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. -0.00 min
 Lab File: VN064240.D
 Acq: 22 Oct 2020 1:54

Tgt Ion	Ratio	Lower	Upper
95	100		
174	73.5	0.0	144.4
176	70.4	0.0	139.2





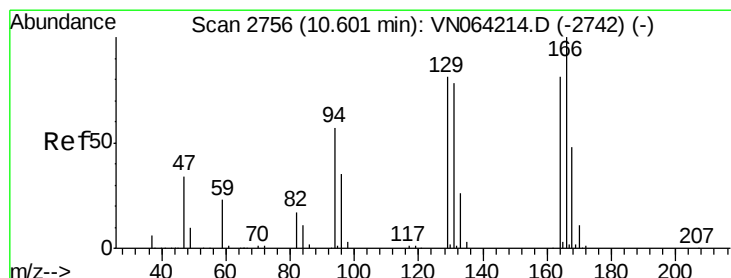
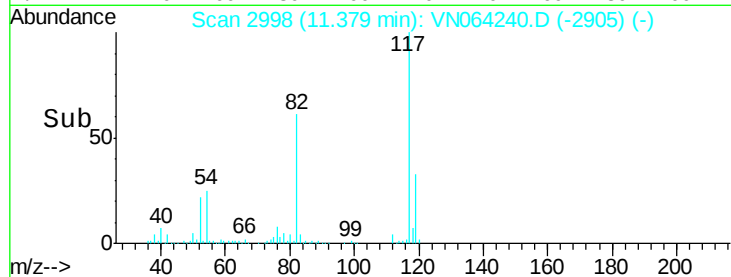
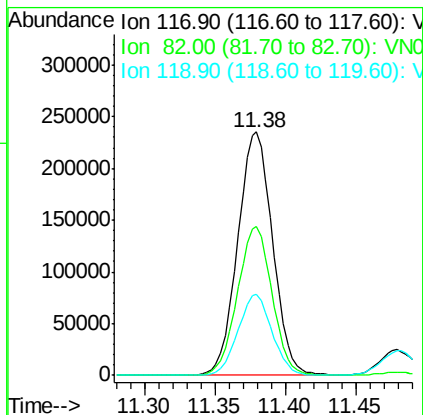
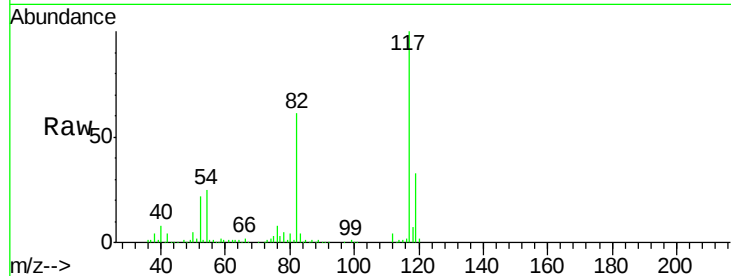
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064240.D
Acq: 22 Oct 2020 1:54

Instrument :
MSVOA_N
ClientSampleId :
VN1021WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
117	100	408493		
82	61.3	48.8	73.2	
119	33.3	24.7	37.1	

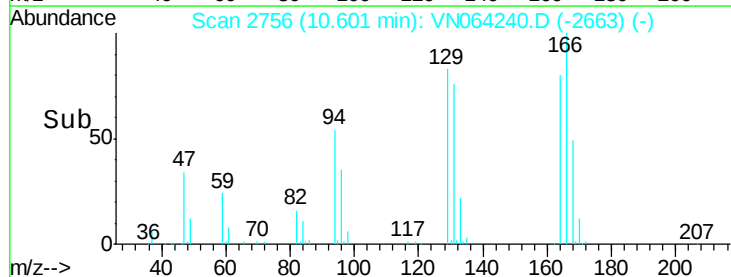
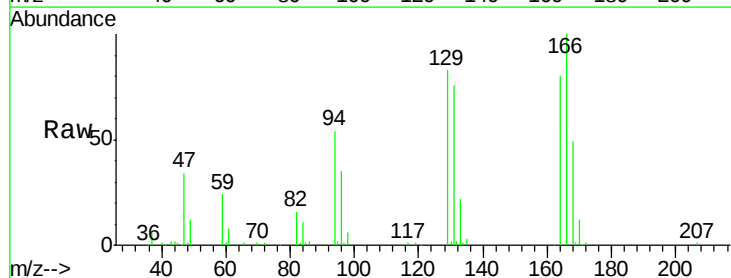
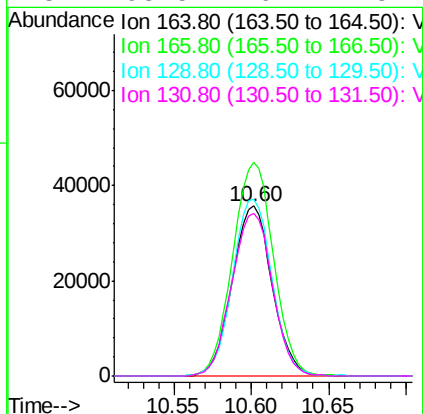
Manual Integrations
APPROVED

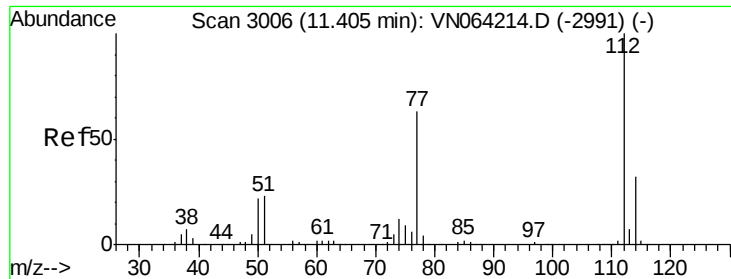
MMDadoda
10/23/2020 2:10:39 PM



#64
Tetrachloroethene
Concen: 19.380 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN064240.D
Acq: 22 Oct 2020 1:54

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	63732		
166	125.7	98.9	148.3	
129	103.6	79.9	119.9	
131	95.5	76.7	115.1	





#65

Chlorobenzene

Concen: 19.405 ug/l

RT: 11.41 min Scan# 3006

Delta R.T. -0.00 min

Lab File: VN064240.D

Acq: 22 Oct 2020 1:54

Instrument :

MSVOA_N

ClientSampleId :

VN1021WBSD02

Tot Ion:112 Resp: 164077

Ion Ratio Lower Upper

112 100

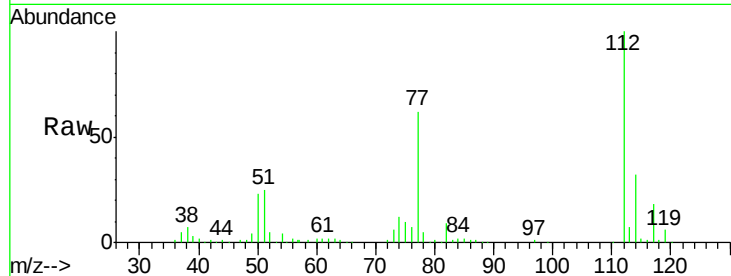
114 31.5 25.7 38.5

Manual Integrations

APPROVED

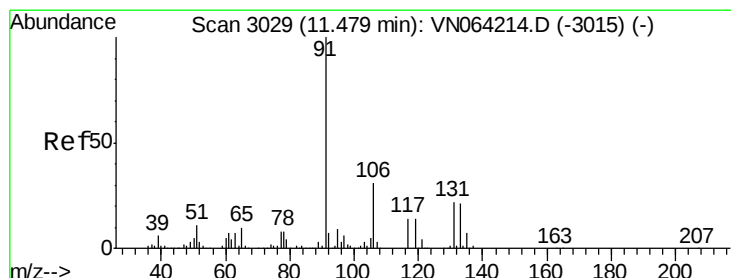
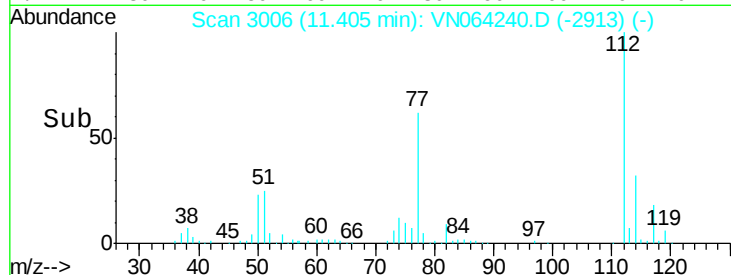
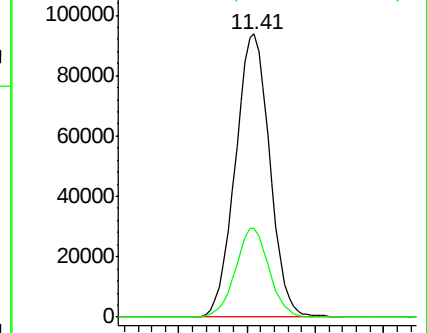
MMDadoda

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.370 ug/l

RT: 11.48 min Scan# 3029

Delta R.T. -0.00 min

Lab File: VN064240.D

Acq: 22 Oct 2020 1:54

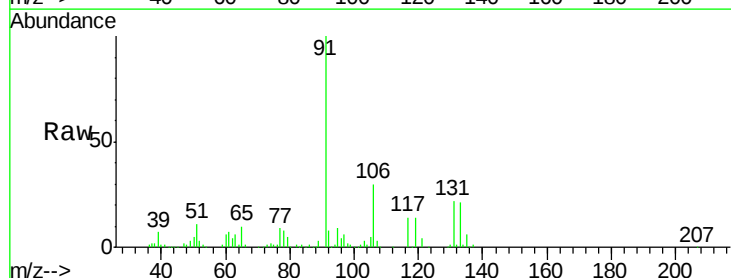
Tgt Ion:131 Resp: 65013

Ion Ratio Lower Upper

131 100

133 94.3 47.8 143.4

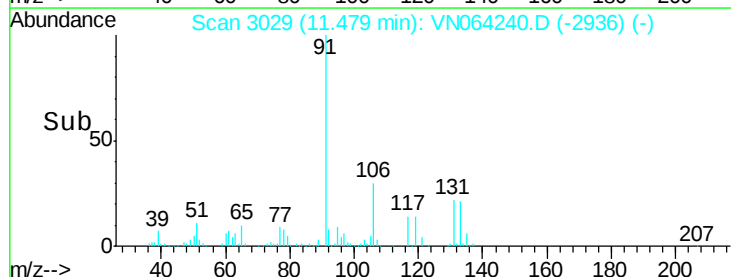
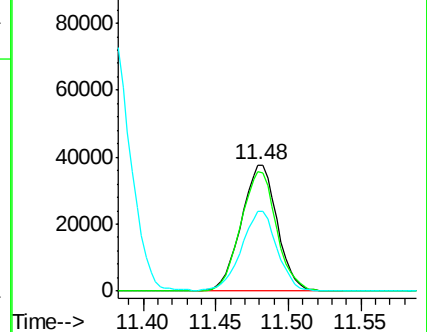
119 63.0 32.2 96.6

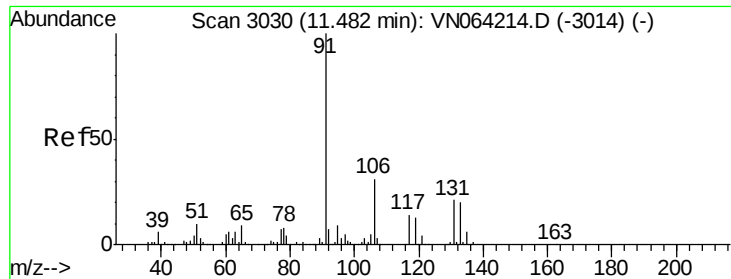


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





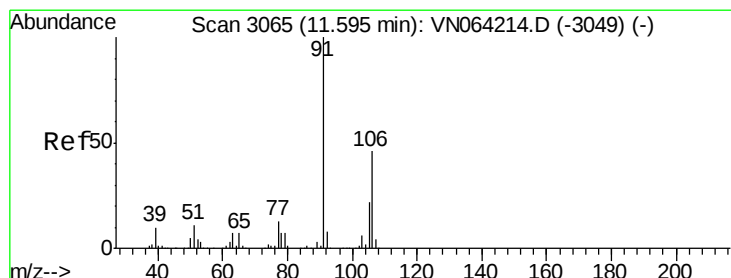
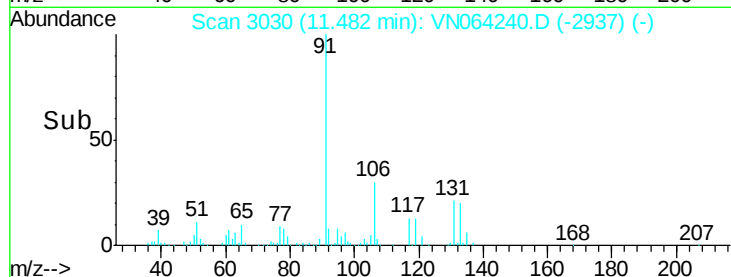
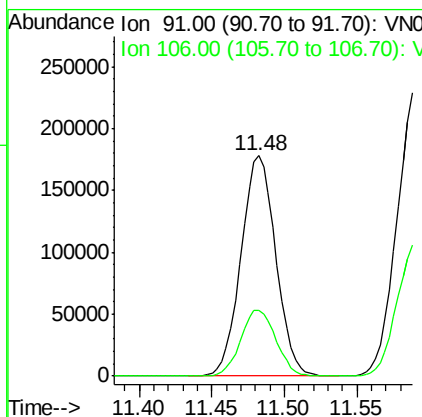
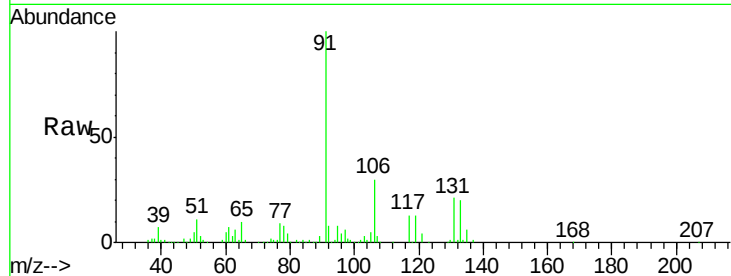
#67
Ethyl Benzene
Concen: 19.116 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN064240.D
Acq: 22 Oct 2020 1:54

Instrument :
MSVOA_N
ClientSampleId :
VN1021WBSD02

Tot Ion: 91 Resp: 297057
Ion Ratio Lower Upper
91 100
106 30.0 24.8 37.2

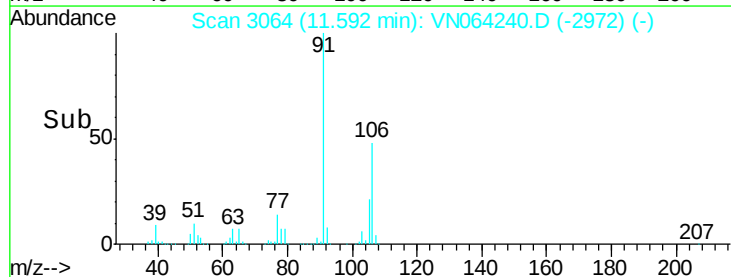
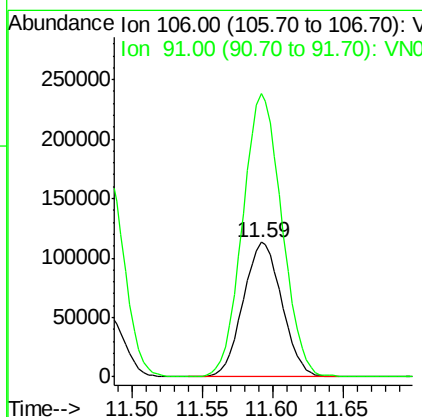
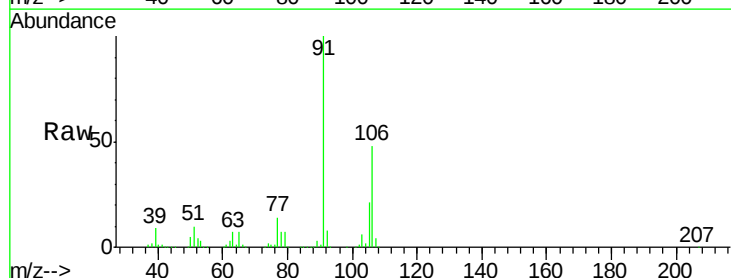
Manual Integrations
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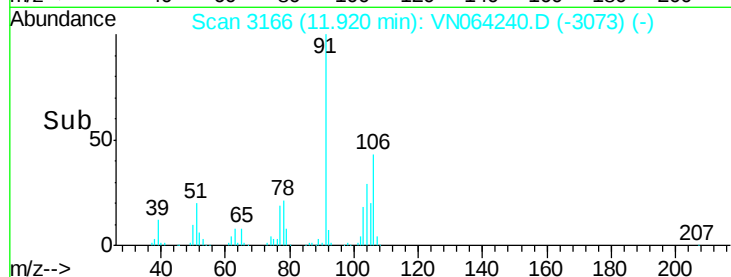
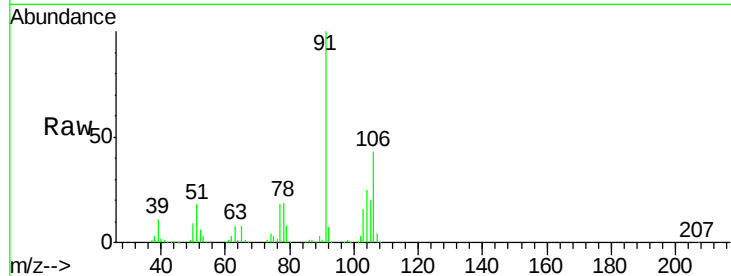
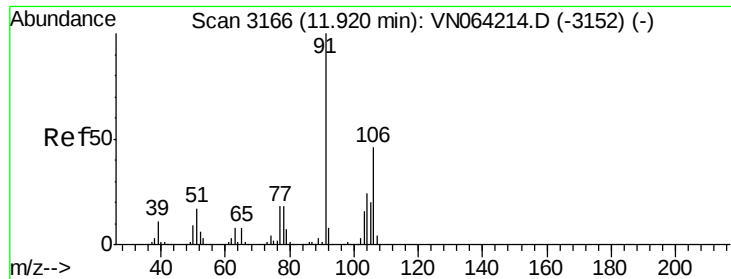
MMDadoda
10/23/2020 2:10:39 PM



#68
m/p-Xylenes
Concen: 37.836 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN064240.D
Acq: 22 Oct 2020 1:54

Tgt Ion: 106 Resp: 217840
Ion Ratio Lower Upper
106 100
91 212.3 172.2 258.2





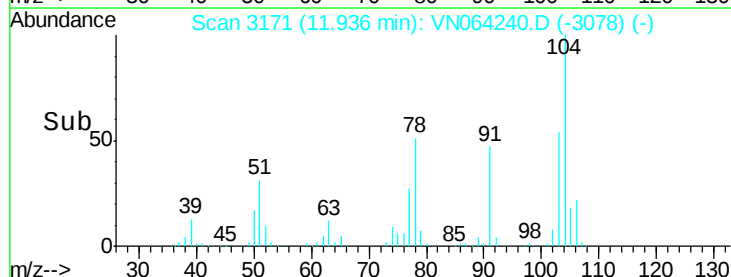
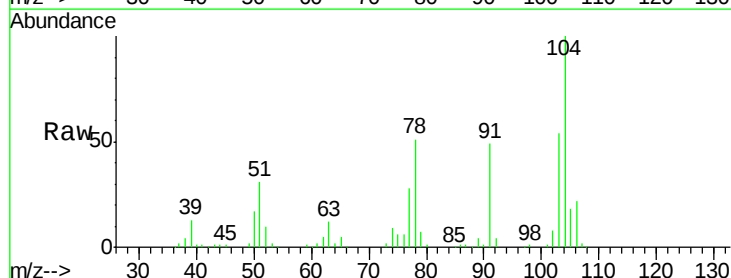
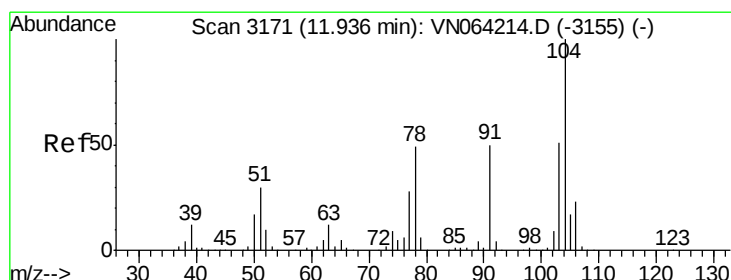
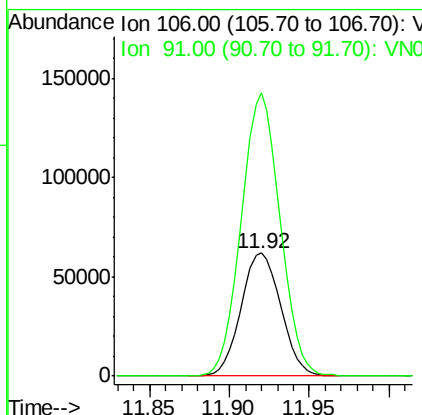
#69
o-Xylene
Concen: 18.876 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN064240.D
Acq: 22 Oct 2020 1:54

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	105104		
91	91	224.4	109.9	329.6	

Instrument :
MSVOA_N
ClientSampleId :
VN1021WBSD02

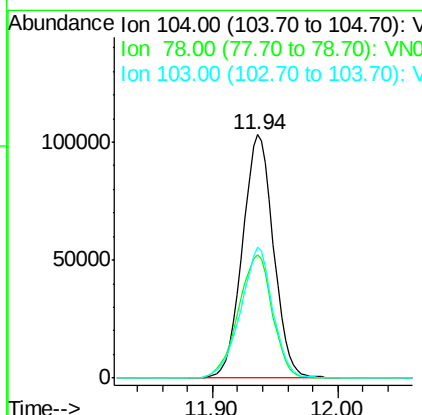
Manual Integrations
APPROVED

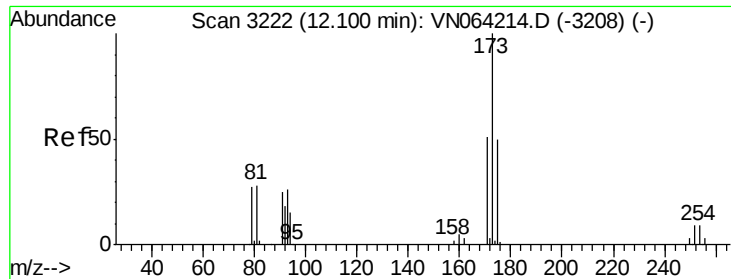
MMDadoda
10/23/2020 2:10:39 PM



#70
Styrene
Concen: 19.077 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN064240.D
Acq: 22 Oct 2020 1:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	178059		
78	78	55.4	43.8	65.6	
103	103	55.6	43.4	65.2	





#71

Bromoform

Concen: 17.764 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. -0.00 min

Lab File: VN064240.D

Acq: 22 Oct 2020 1:54

Instrument :

MSVOA_N

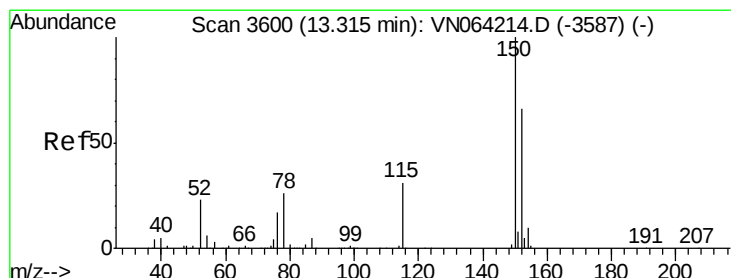
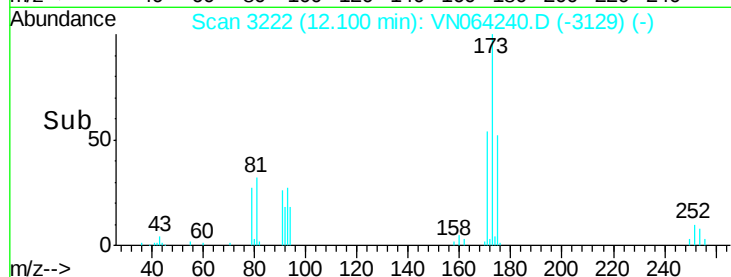
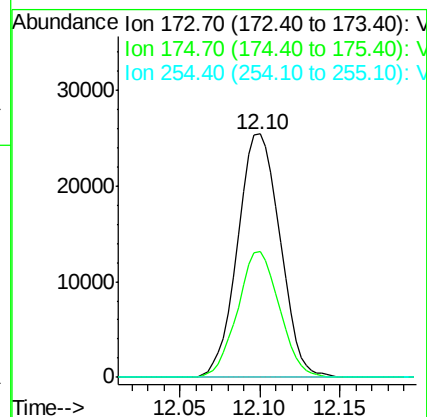
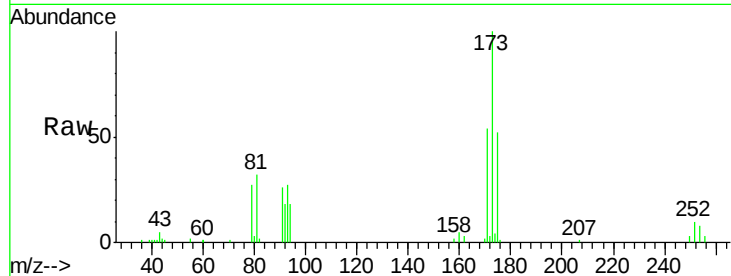
ClientSampleId :

VN1021WBSD02

Tot Ion:	173	Resp:	46057
Ion Ratio	Lower	Upper	
173	100		
175	50.7	25.1	75.3
254	0.0	0.0	0.0

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

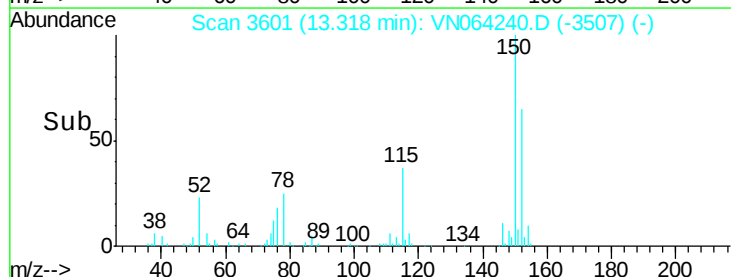
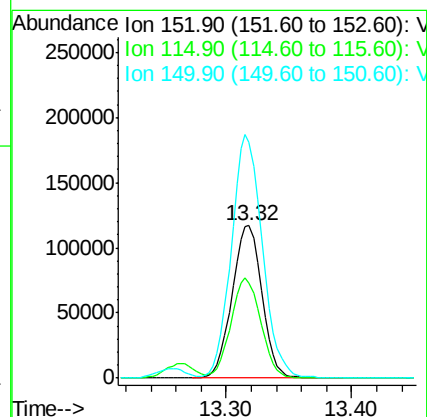
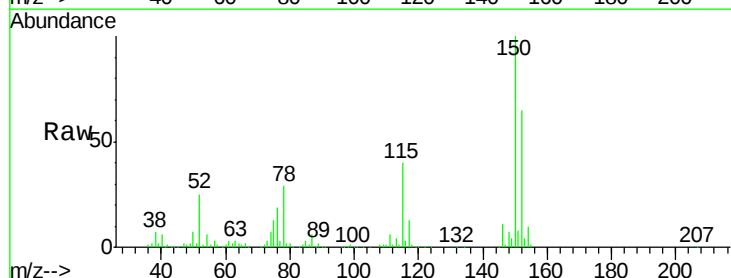
RT: 13.32 min Scan# 3601

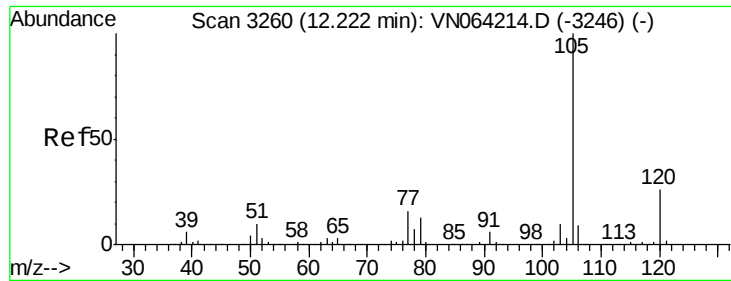
Delta R.T. 0.00 min

Lab File: VN064240.D

Acq: 22 Oct 2020 1:54

Tgt Ion:	152	Resp:	194048
Ion Ratio	Lower	Upper	
152	100		
115	65.1	32.0	96.2
150	165.0	0.0	356.6





#73

Isopropylbenzene

Concen: 19.557 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN064240.D

Acq: 22 Oct 2020 1:54

Instrument :

MSVOA_N

ClientSampleId :

VN1021WBSD02

Tot Ion: 105 Resp: 289445

Ion Ratio Lower Upper

105 100

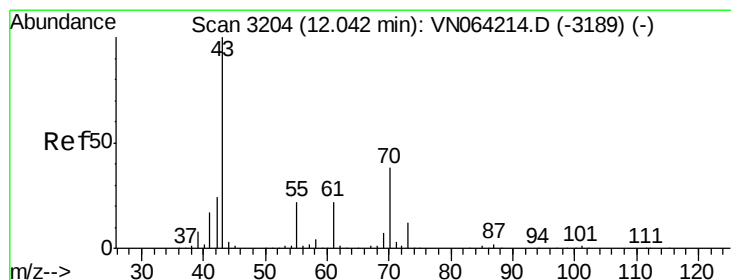
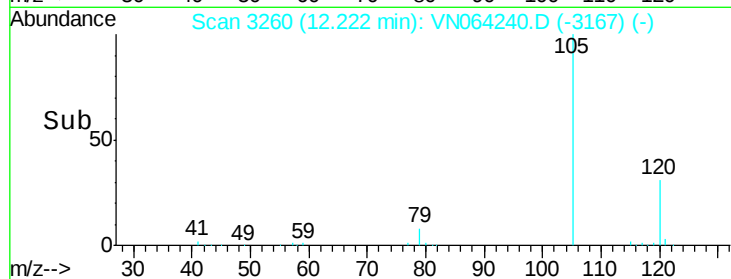
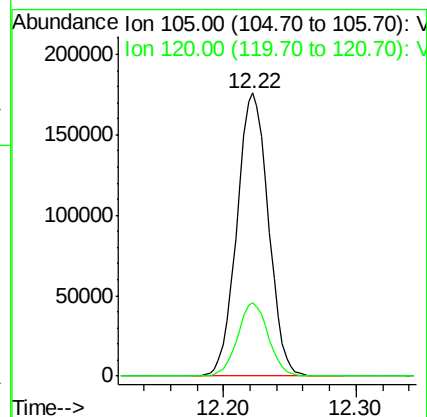
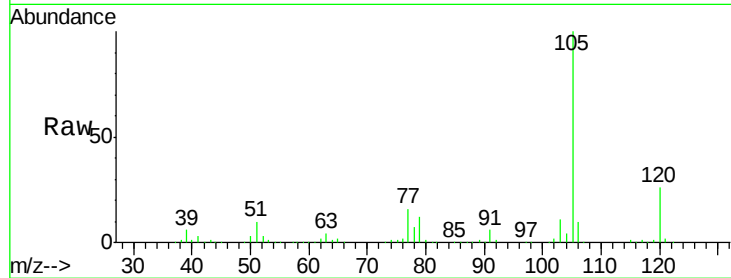
120 25.3 12.9 38.7

Manual Integrations

APPROVED

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10/23/2020 2:10:39 PM



#74

N-ethyl acetate

Concen: 18.787 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VN064240.D

Acq: 22 Oct 2020 1:54

Tgt Ion: 43 Resp: 120142

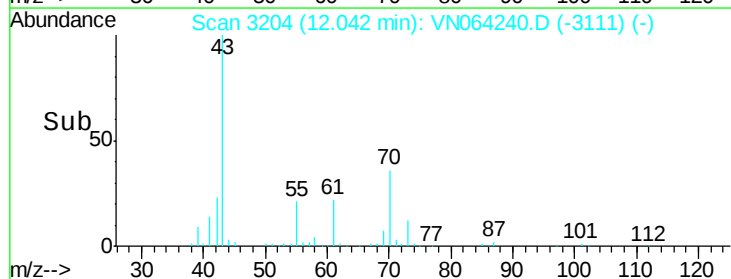
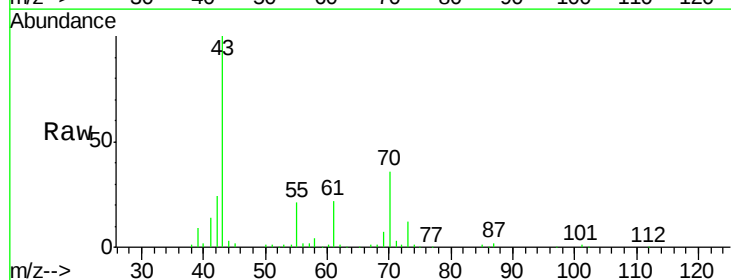
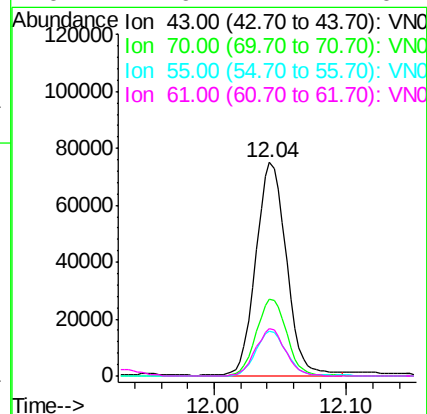
Ion Ratio Lower Upper

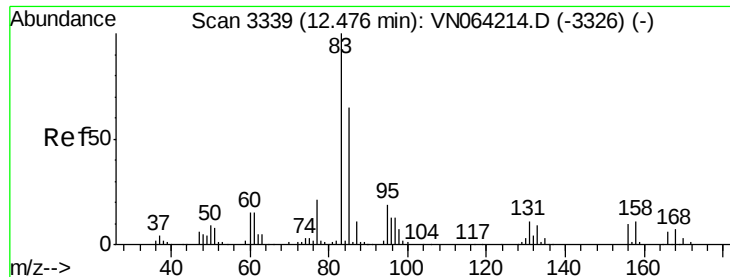
43 100

70 36.2 30.2 45.4

55 20.8 18.0 27.0

61 21.9 17.4 26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 18.790 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN064240.D

Acq: 22 Oct 2020 1:54

Instrument :

MSVOA_N

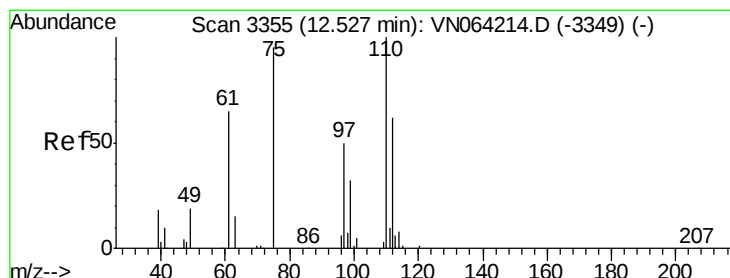
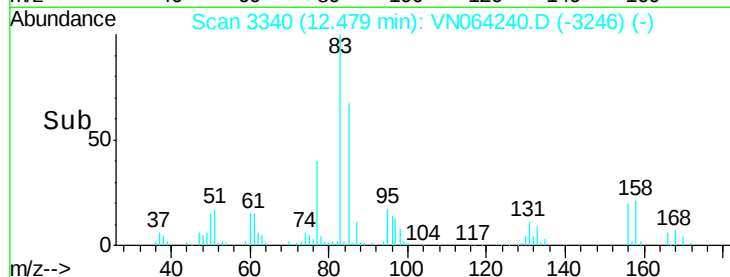
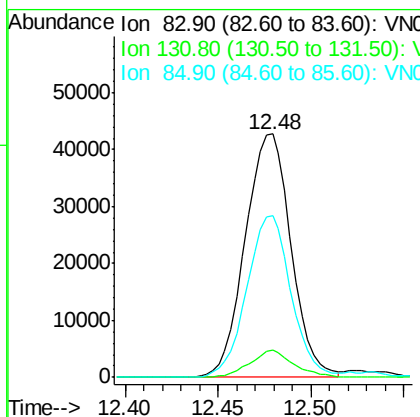
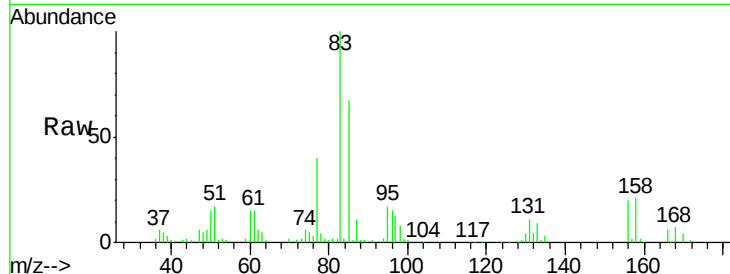
ClientSampleId :

VN1021WBSD02

Tot Ion:	83	Resp:	73798
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.5	16.7
85	64.2	32.4	97.0

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#76

1,2,3-Trichloropropane

Concen: 17.533 ug/l m

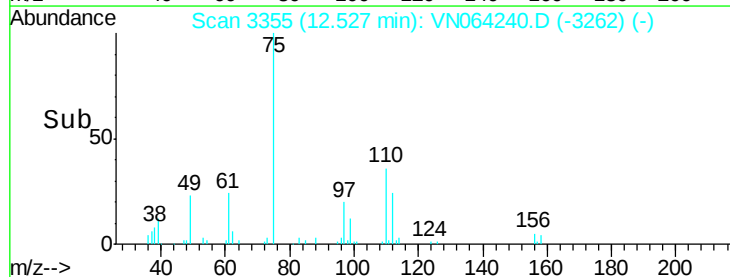
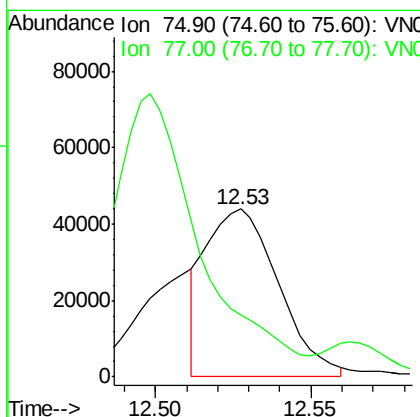
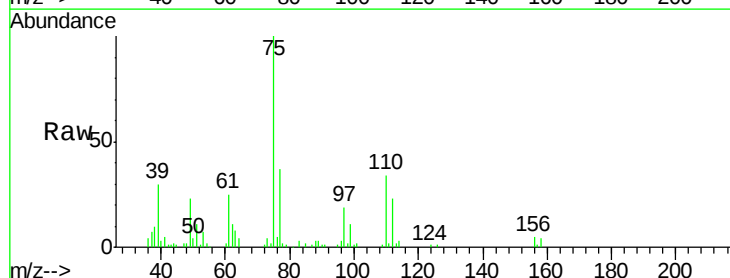
RT: 12.53 min Scan# 3355

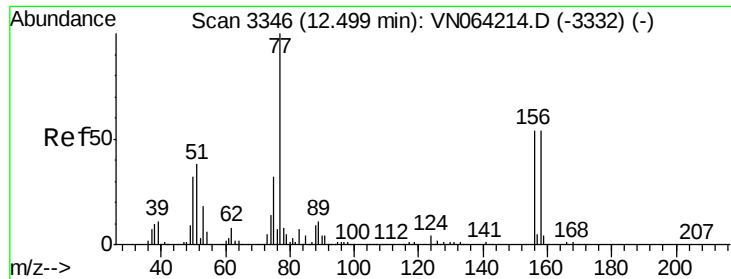
Delta R.T. -0.00 min

Lab File: VN064240.D

Acq: 22 Oct 2020 1:54

Tgt Ion:	75	Resp:	71725
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





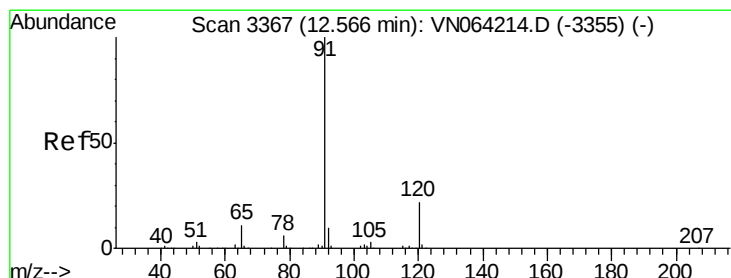
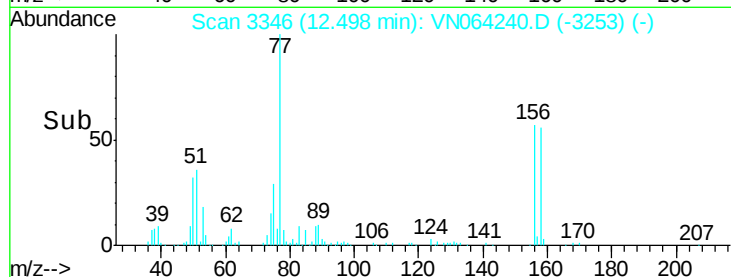
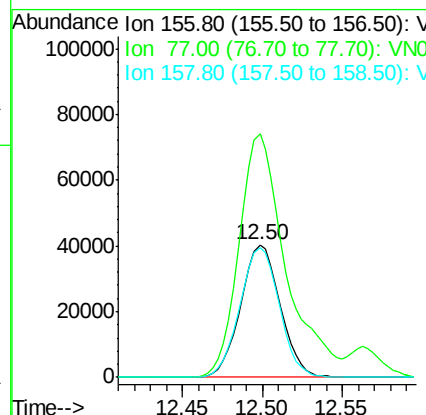
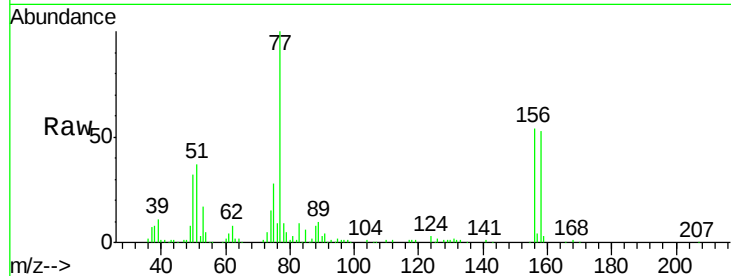
#77
Bromobenzene
Concen: 19.385 ug/l
RT: 12.50 min Scan# 3346
Delta R.T. -0.00 min
Lab File: VN064240.D
Acq: 22 Oct 2020 1:54

Instrument :
MSVOA_N
ClientSampleId :
VN1021WBSD02

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	219.0	111.1	333.4	
158	97.4	50.0	150.1	

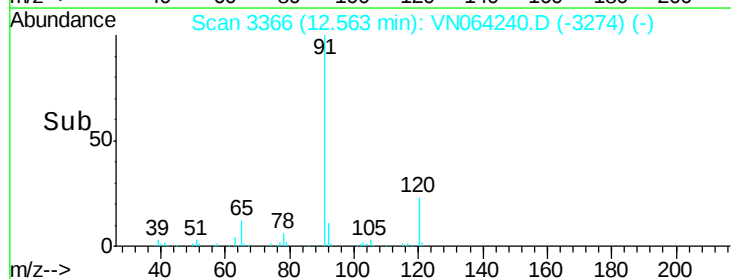
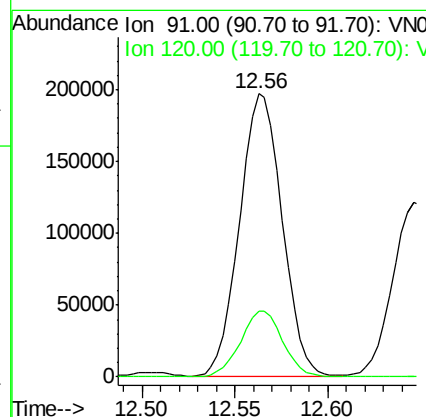
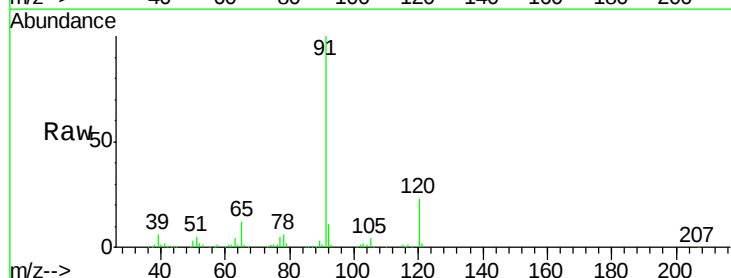
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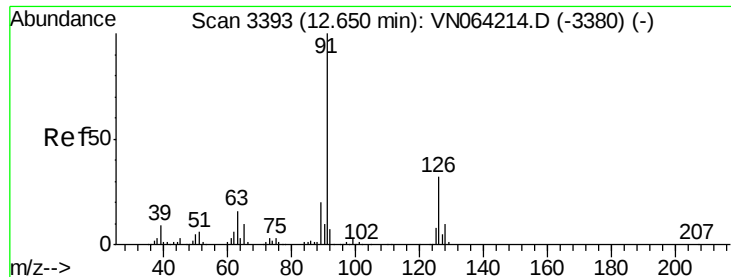
MMDadoda
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#78
n-propylbenzene
Concen: 18.703 ug/l
RT: 12.56 min Scan# 3366
Delta R.T. -0.00 min
Lab File: VN064240.D
Acq: 22 Oct 2020 1:54

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	23.2	11.1	33.1	





#79

2-Chlorotoluene

Concen: 19.473 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN064240.D

Acq: 22 Oct 2020 1:54

Instrument :

MSVOA_N

ClientSampleId :

VN1021WBSD02

Tot Ion: 91 Resp: 199587

Ion Ratio Lower Upper

91 100

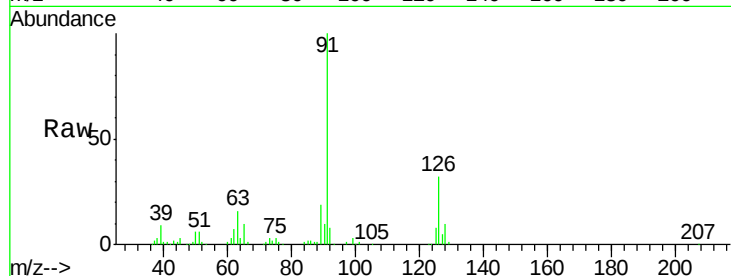
126 31.6 16.0 48.0

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VN064240.D (-3393) (-)

Ion 125.90 (125.60 to 126.60): VN064240.D (-3393) (-)

200000

150000

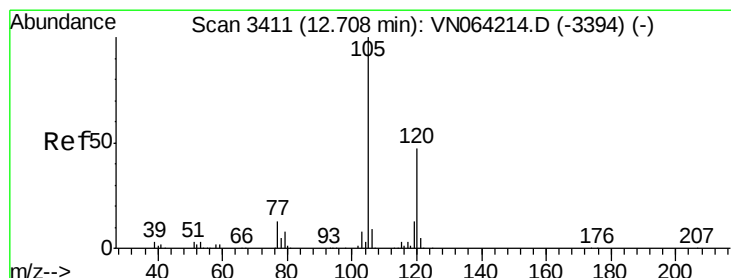
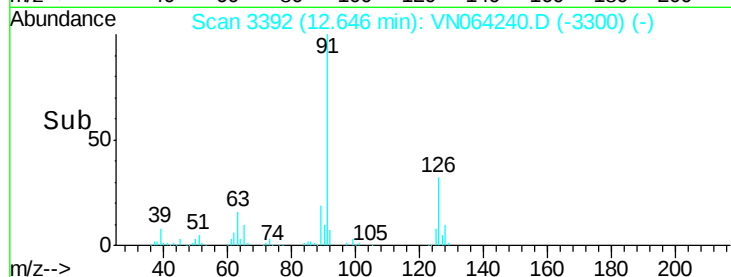
100000

50000

0

12.60 12.65 12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 18.924 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN064240.D

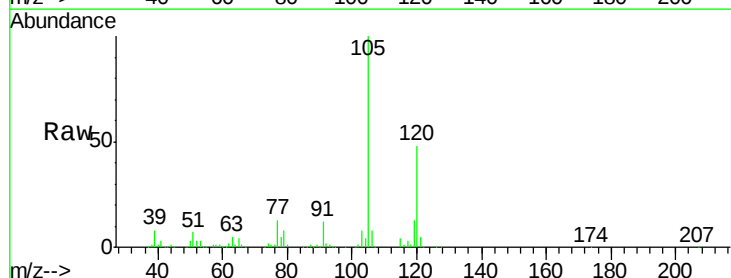
Acq: 22 Oct 2020 1:54

Tgt Ion: 105 Resp: 236776

Ion Ratio Lower Upper

105 100

120 47.8 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): VN064240.D (-3411) (-)

Ion 120.00 (119.70 to 120.70): VN064240.D (-3411) (-)

150000

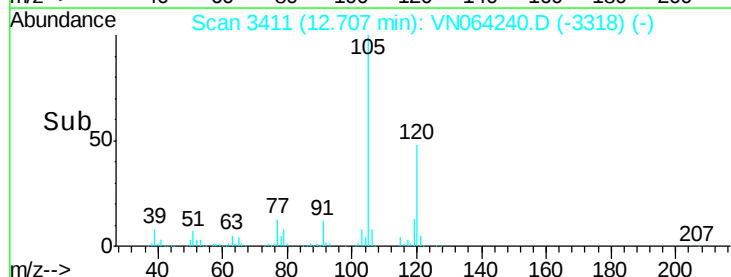
100000

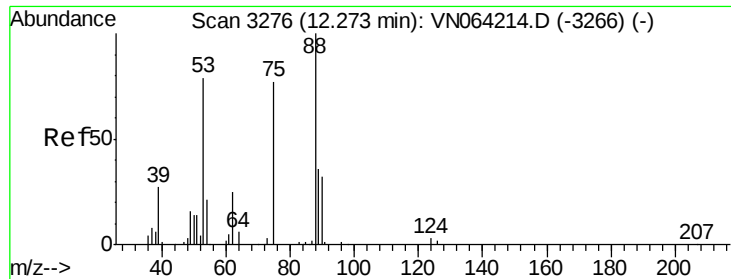
50000

0

12.65 12.70 12.75

Time-->





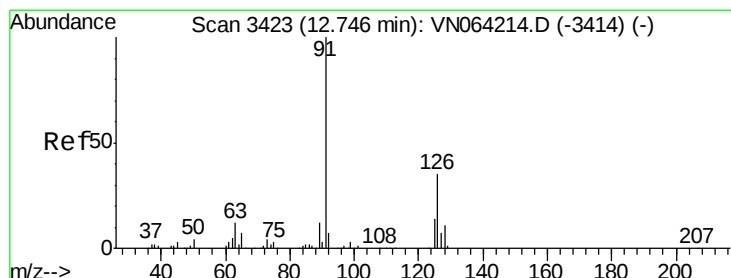
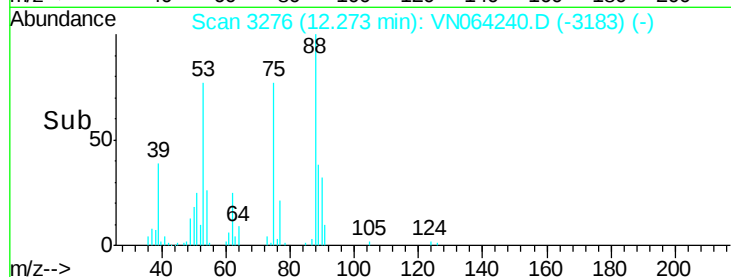
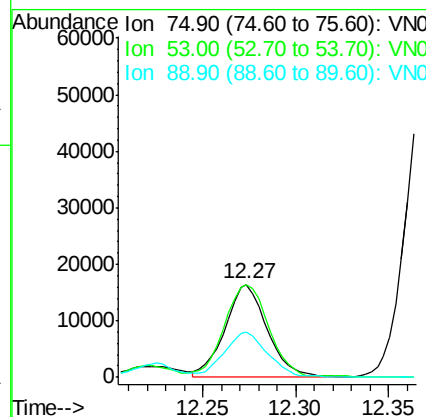
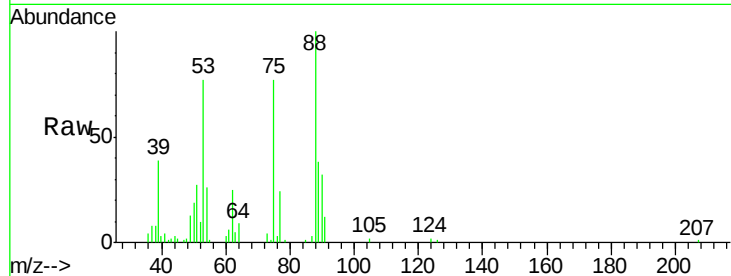
#81
trans-1,4-Dichloro-2-butene
Concen: 15.897 ug/l
RT: 12.27 min Scan# 3276
Delta R.T. -0.00 min
Lab File: VN064240.D
Acq: 22 Oct 2020 1:54

Instrument :
MSVOA_N
ClientSampleId :
VN1021WBSD02

Tot Ion	Ratio	Lower	Upper
75	100		
53	103.6	81.0	121.4
89	50.2	38.7	58.1

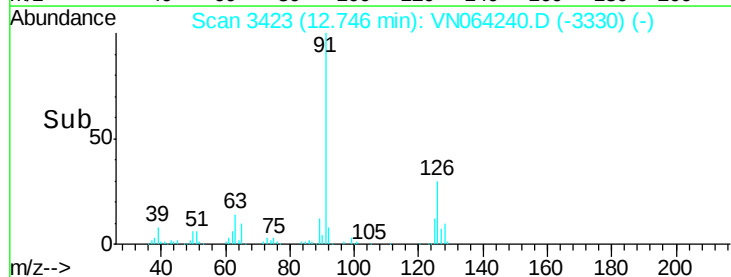
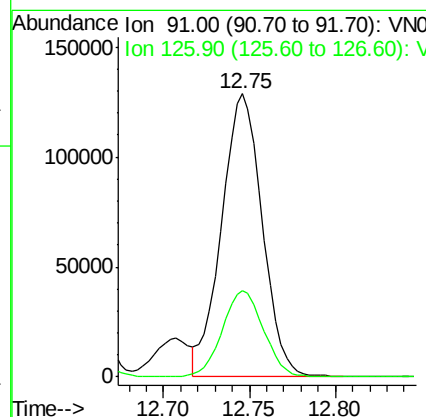
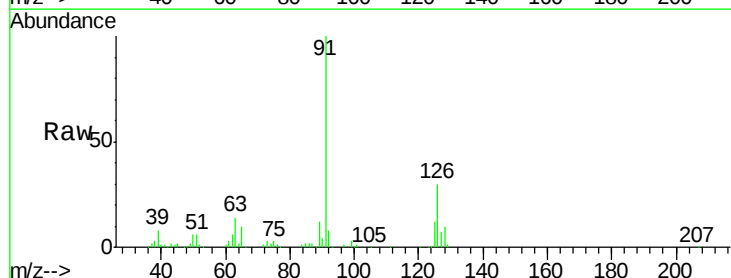
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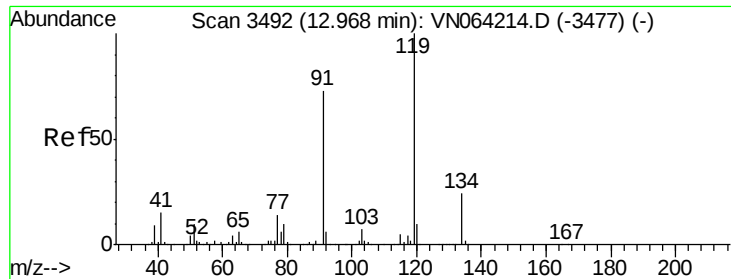
MMDadoda
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#82
4-Chlorotoluene
Concen: 19.695 ug/l
RT: 12.75 min Scan# 3423
Delta R.T. -0.00 min
Lab File: VN064240.D
Acq: 22 Oct 2020 1:54

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.2	15.8	47.3





#83

tert-Butylbenzene

Concen: 18.604 ug/l

RT: 12.97 min Scan# 3492

Delta R.T. -0.00 min

Lab File: VN064240.D

Acq: 22 Oct 2020 1:54

Instrument :

MSVOA_N

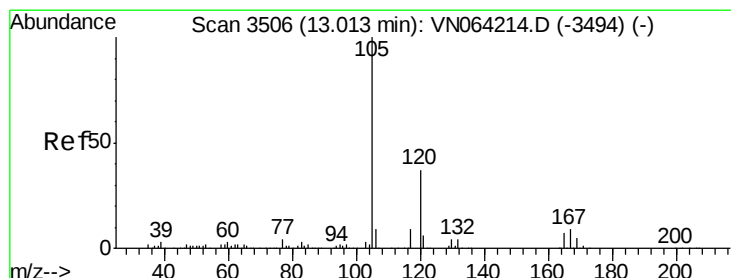
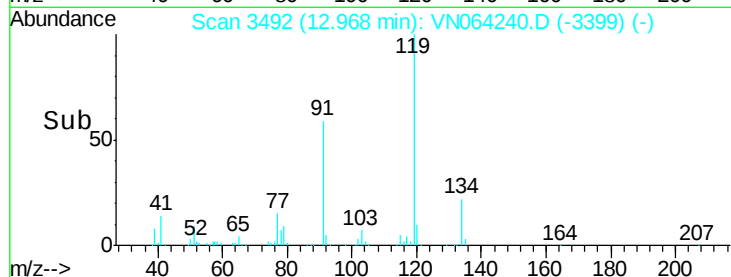
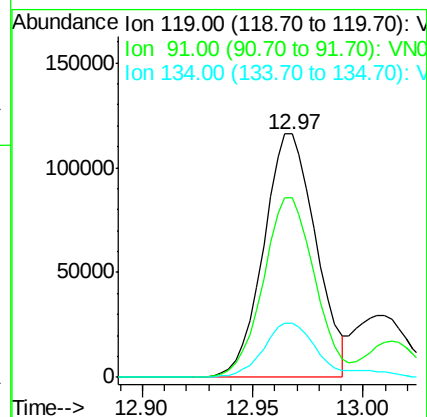
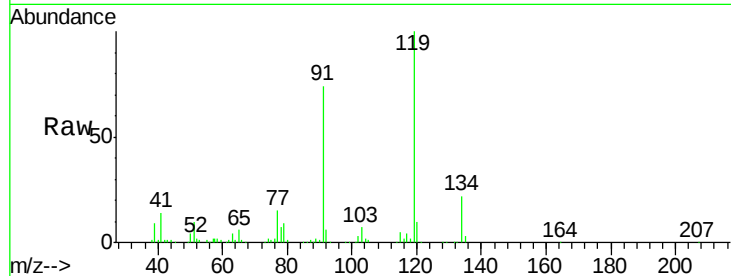
ClientSampleId :

VN1021WBSD02

Tot Ion:	119	Resp:	190850
Ion Ratio	Lower	Upper	
119	100		
91	72.8	35.1	105.3
134	22.2	11.6	34.8

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#84

1,2,4-Trimethylbenzene

Concen: 19.135 ug/l

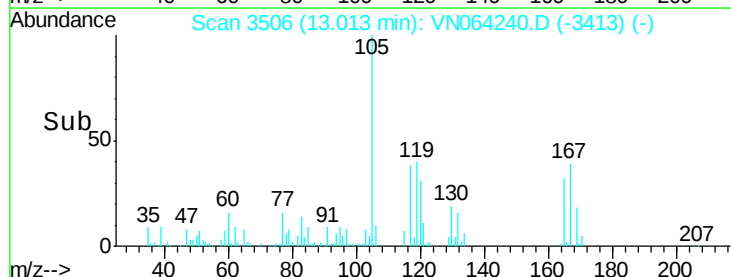
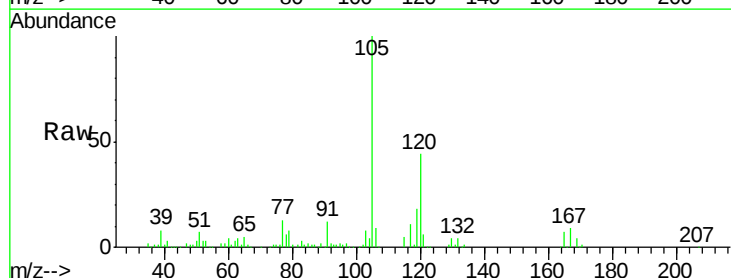
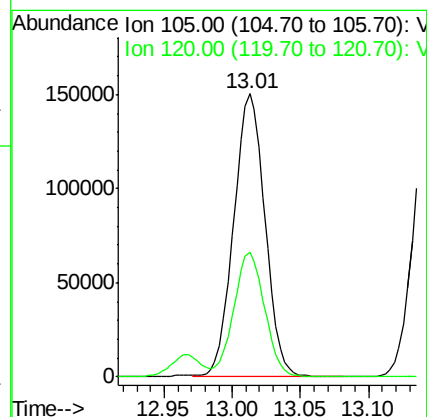
RT: 13.01 min Scan# 3506

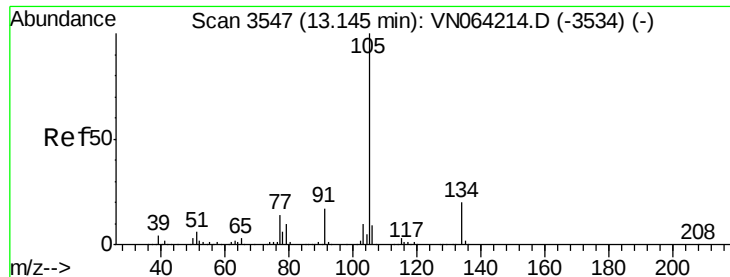
Delta R.T. -0.00 min

Lab File: VN064240.D

Acq: 22 Oct 2020 1:54

Tgt Ion:	105	Resp:	238297
Ion Ratio	Lower	Upper	
105	100		
120	43.8	21.5	64.5





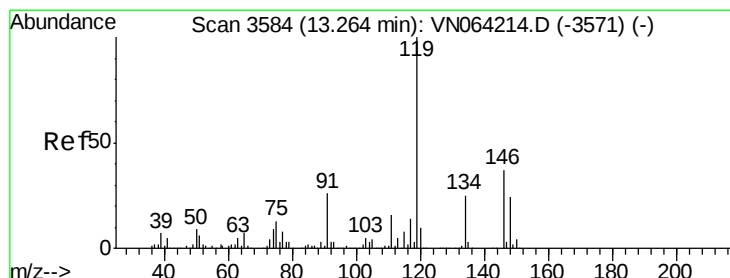
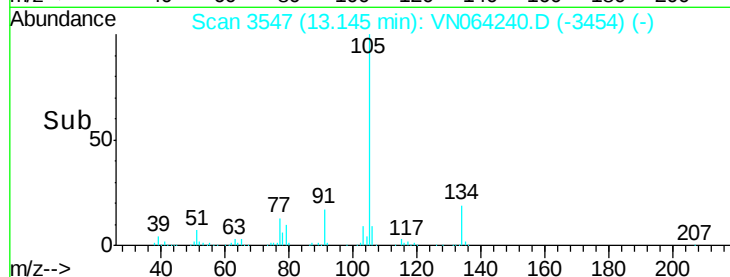
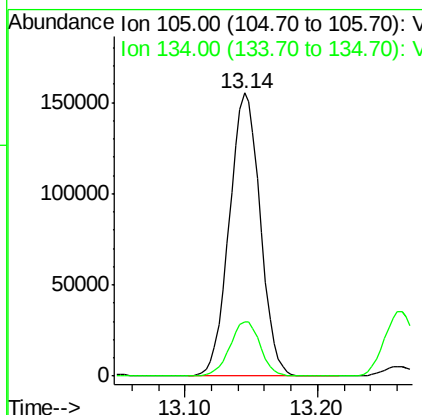
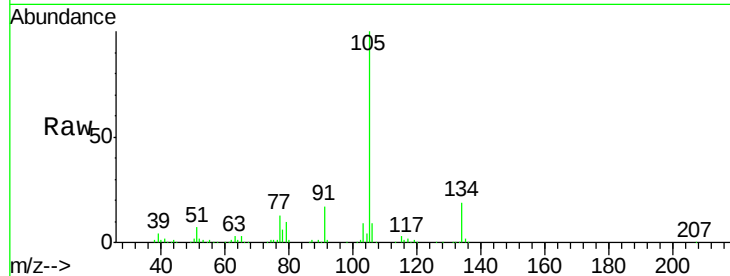
#85
 sec-Butylbenzene
 Concen: 19.387 ug/l
 RT: 13.14 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN064240.D
 Acq: 22 Oct 2020 1:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1021WBSD02

Tot Ion	Ratio	Lower	Upper
105	100		
134	18.8	9.7	29.1

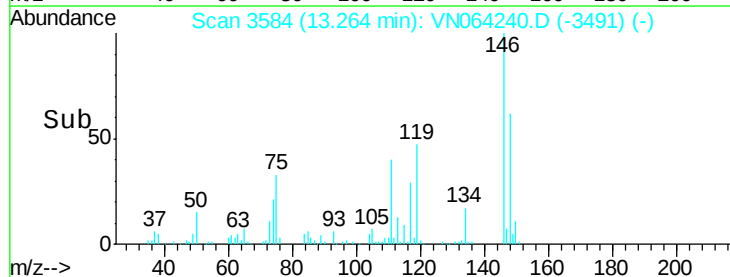
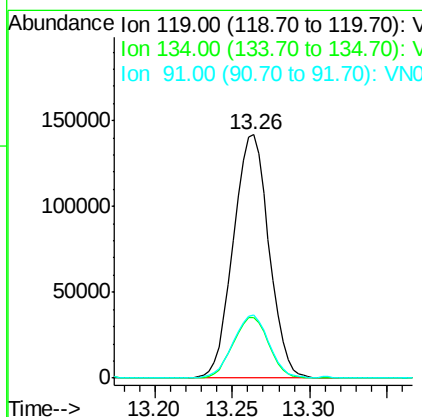
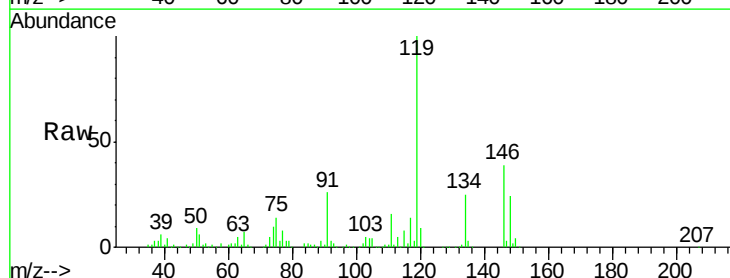
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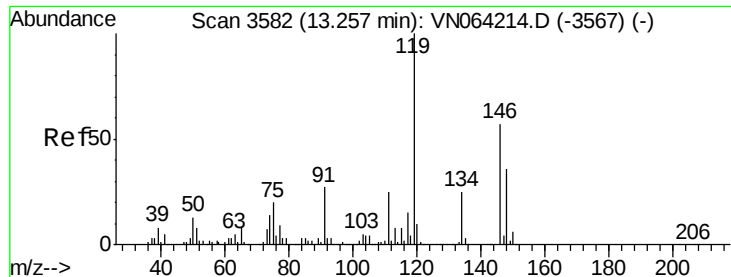
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#86
 p-Isopropyltoluene
 Concen: 19.243 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. -0.00 min
 Lab File: VN064240.D
 Acq: 22 Oct 2020 1:54

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.3	13.1	39.3
91	26.0	13.4	40.2





#87

1,3-Dichlorobenzene

Concen: 19.036 ug/l

RT: 13.25 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN064240.D

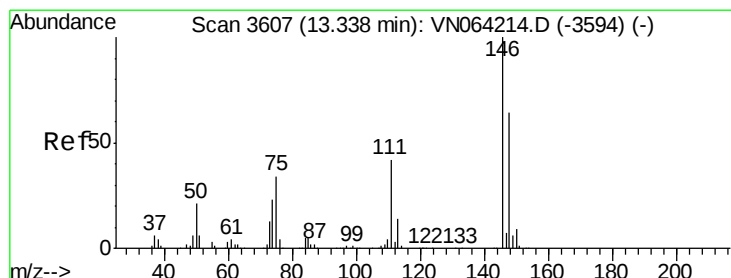
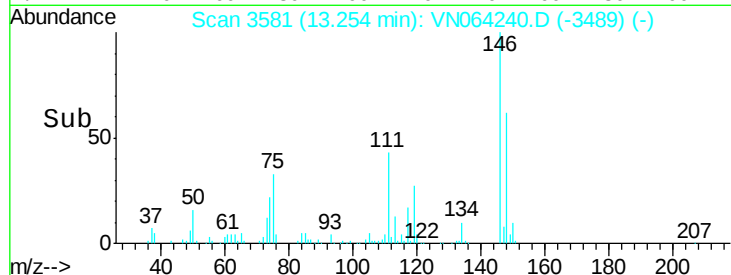
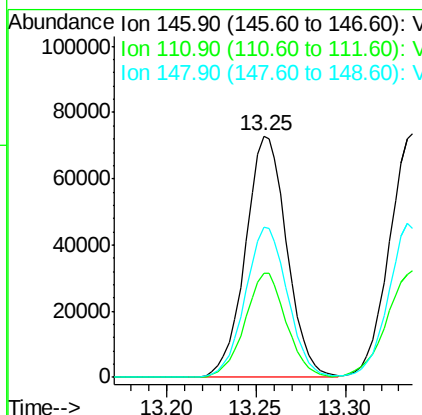
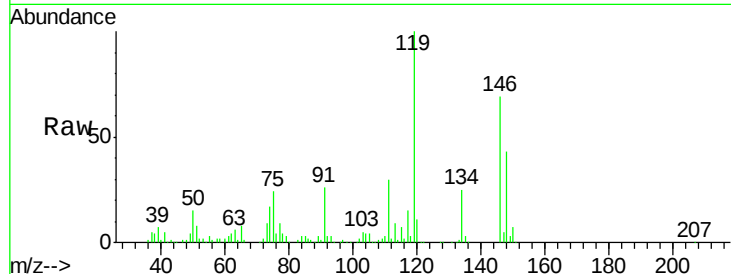
Acq: 22 Oct 2020 1:54

Instrument :
MSVOA_N
ClientSampleId :
VN1021WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
146	100	118349		
111	43.0	21.6	65.0	
148	63.5	31.7	95.1	

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 19.015 ug/l

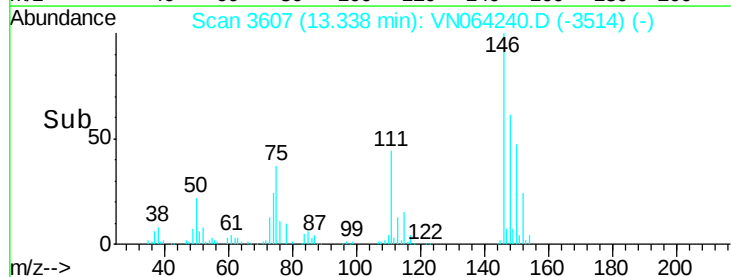
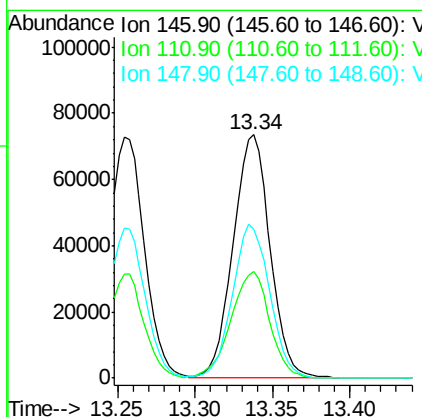
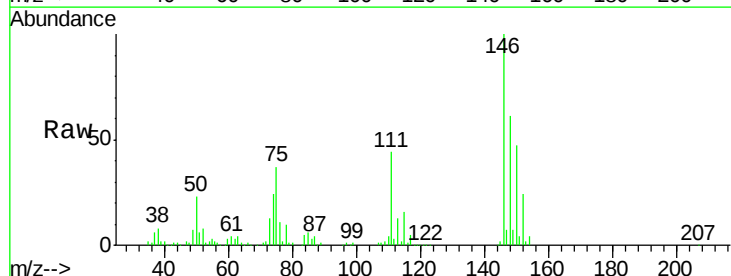
RT: 13.34 min Scan# 3607

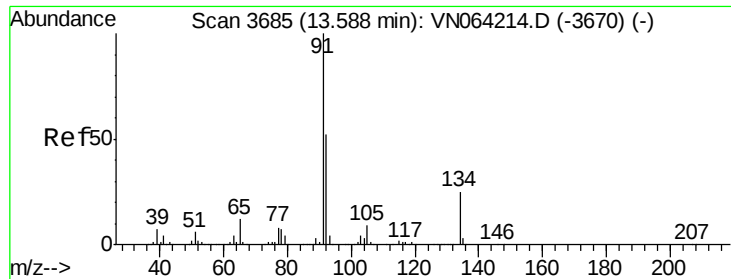
Delta R.T. -0.00 min

Lab File: VN064240.D

Acq: 22 Oct 2020 1:54

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	120996		
111	46.5	21.5	64.5	
148	64.3	32.0	96.0	





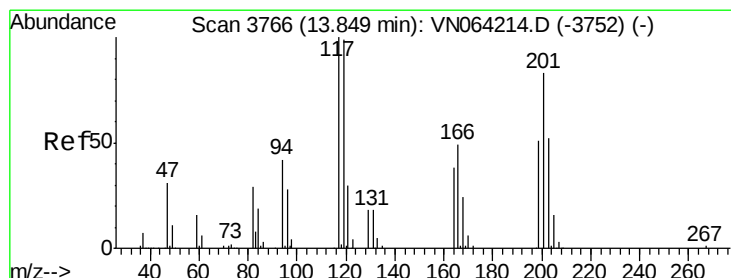
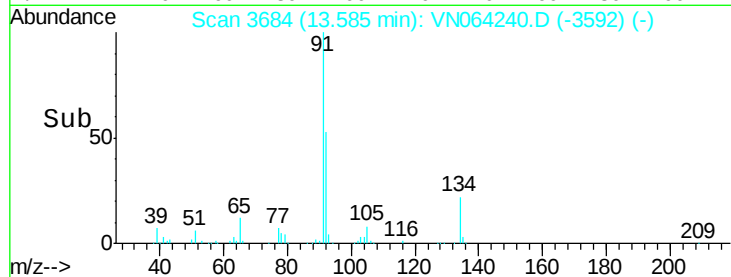
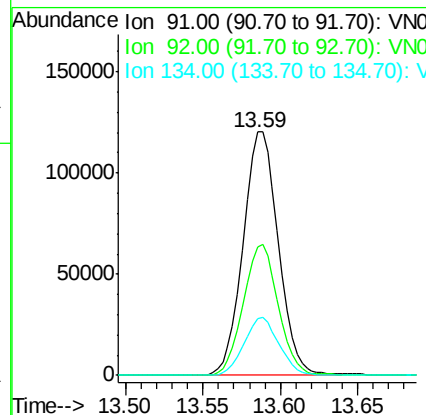
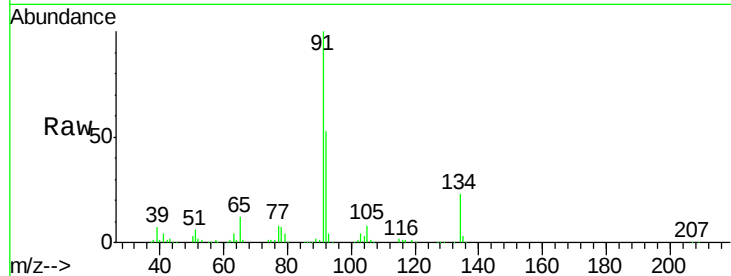
#89
n-Butylbenzene
Concen: 18.105 ug/l
RT: 13.59 min Scan# 3684
Delta R.T. -0.00 min
Lab File: VN064240.D
Acq: 22 Oct 2020 1:54

Instrument :
MSVOA_N
ClientSampleId :
VN1021WBSD02

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.9	25.7	77.0
134	23.8	12.3	36.8

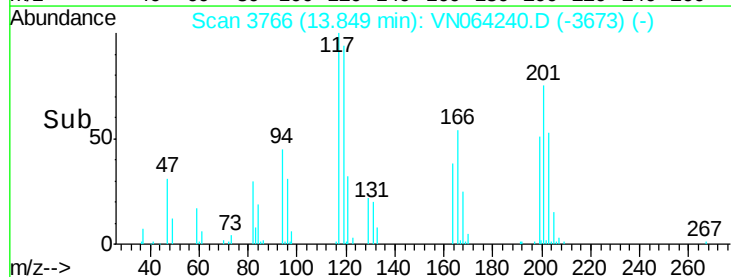
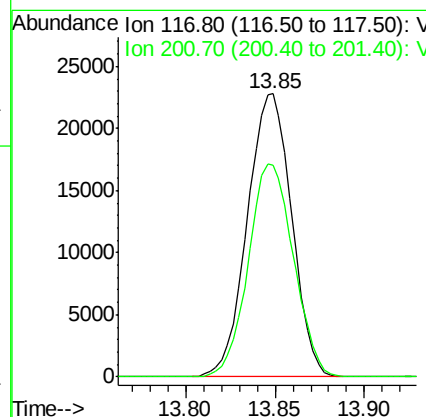
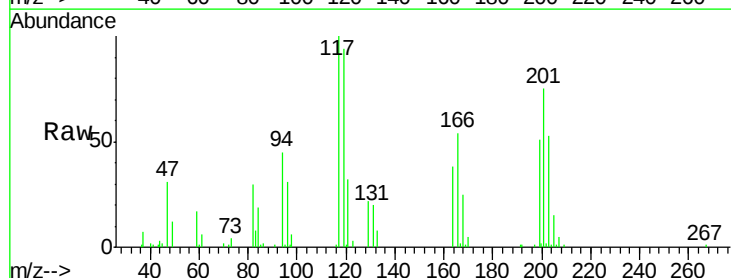
Manual Integrations
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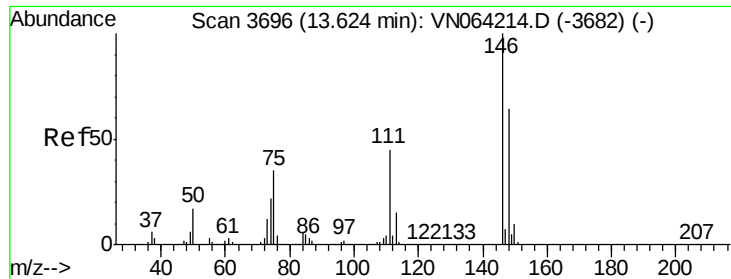
MMDadoda
10/23/2020 2:10:39 PM



#90
Hexachloroethane
Concen: 18.553 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. -0.00 min
Lab File: VN064240.D
Acq: 22 Oct 2020 1:54

Tgt Ion	Ratio	Lower	Upper
117	100		
201	76.8	40.1	120.3





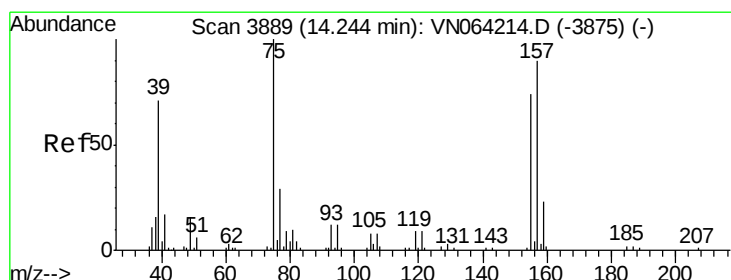
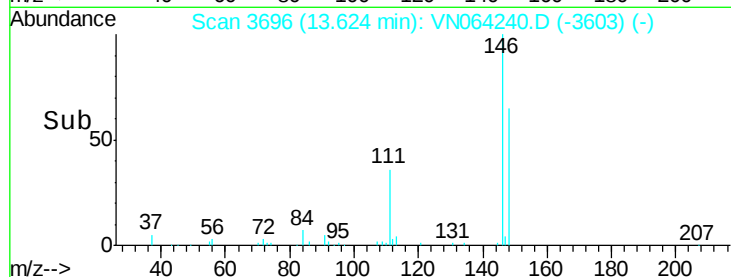
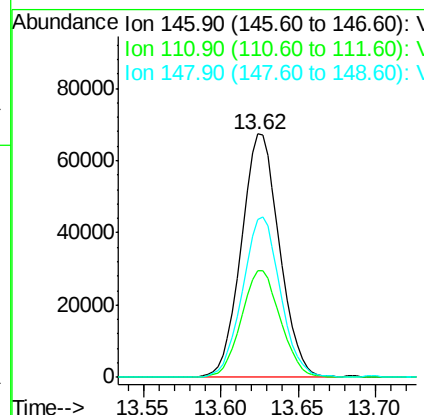
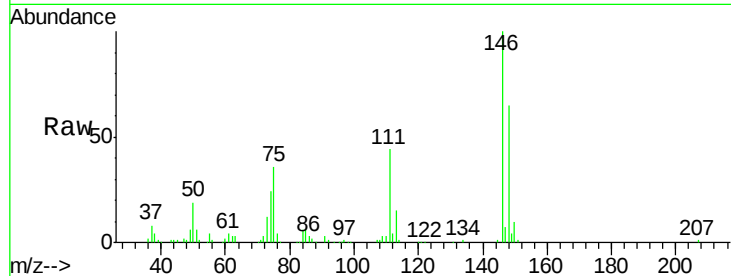
#91
 1,2-Dichlorobenzene
 Concen: 18.956 ug/l
 RT: 13.62 min Scan# 3696
 Delta R.T. -0.00 min
 Lab File: VN064240.D
 Acq: 22 Oct 2020 1:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1021WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.8	22.9	68.7
148	65.3	31.9	95.5

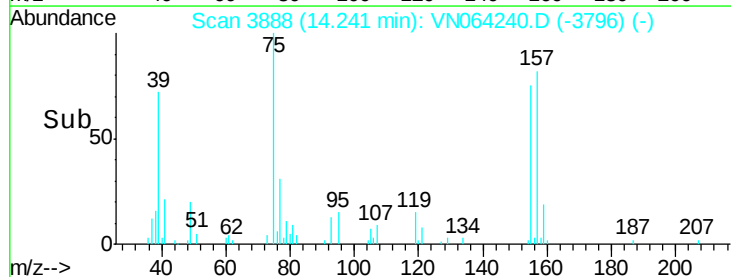
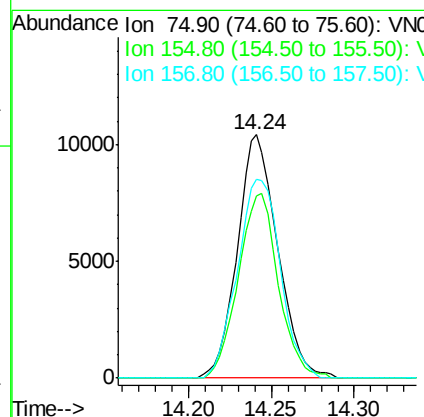
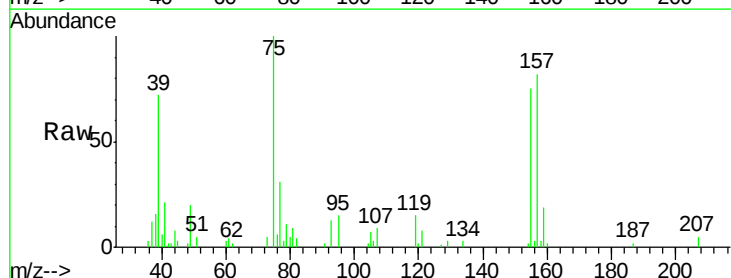
Manual Integrations
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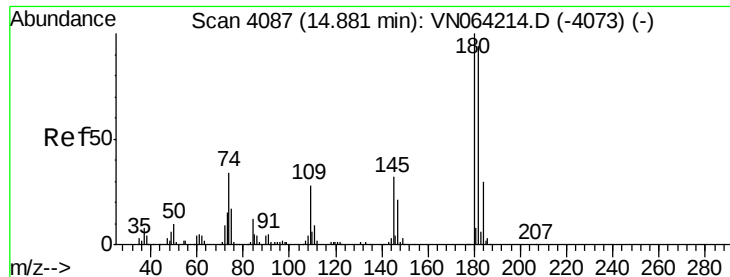
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.959 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN064240.D
 Acq: 22 Oct 2020 1:54

Tgt Ion	Ratio	Lower	Upper
75	100		
155	75.3	36.9	110.7
157	87.0	44.6	133.8





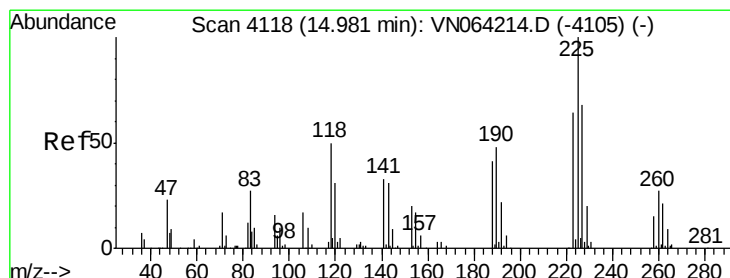
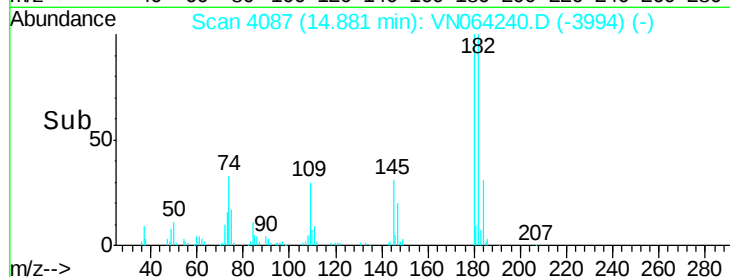
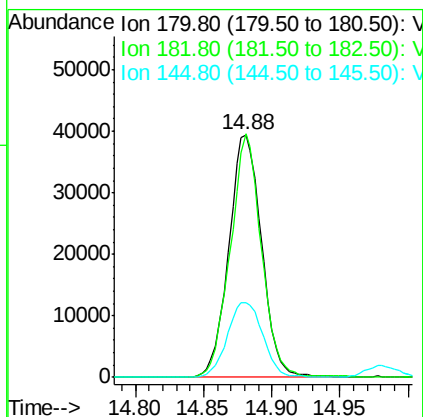
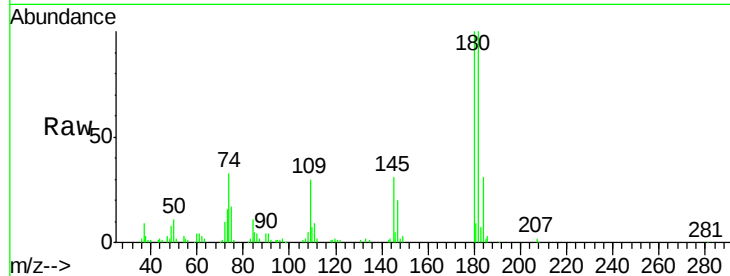
#93
 1,2,4-Trichlorobenzene
 Concen: 19.234 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. -0.00 min
 Lab File: VN064240.D
 Acq: 22 Oct 2020 1:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1021WBSD02

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.0	46.9	140.7
145	33.3	16.1	48.3

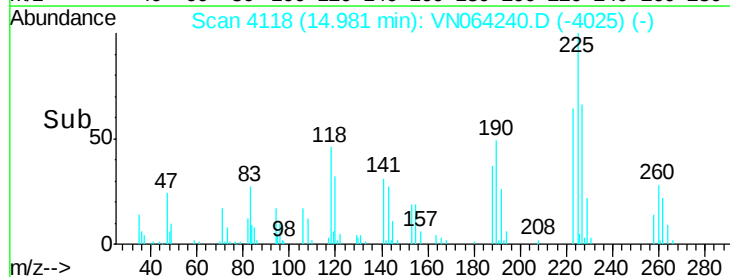
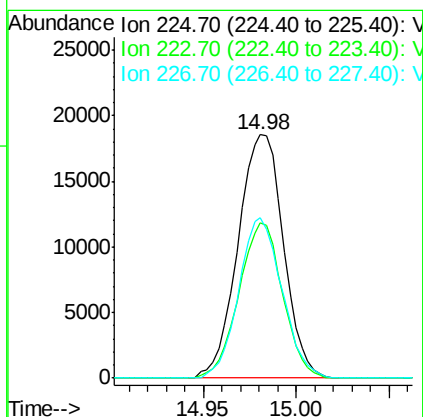
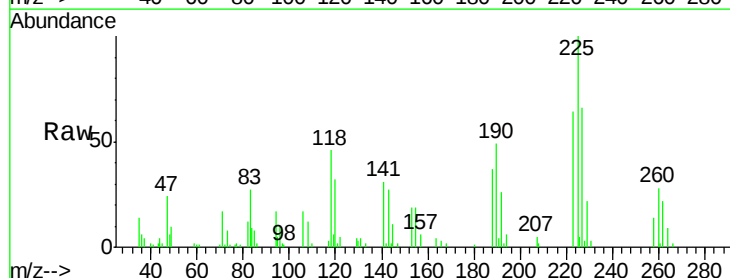
Manual Integrations
 APPROVED

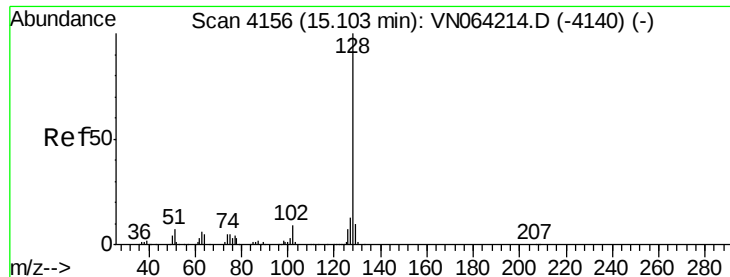
MMDadoda
 10/23/2020 2:10:39 PM



#94
 Hexachlorobutadiene
 Concen: 17.068 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN064240.D
 Acq: 22 Oct 2020 1:54

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.4	31.5	94.5
227	62.7	32.1	96.5





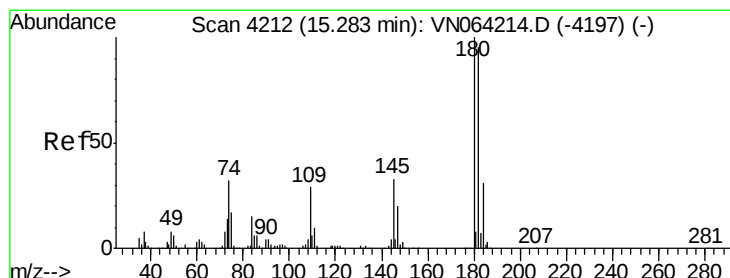
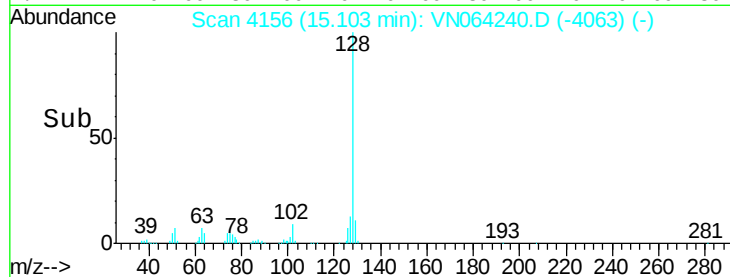
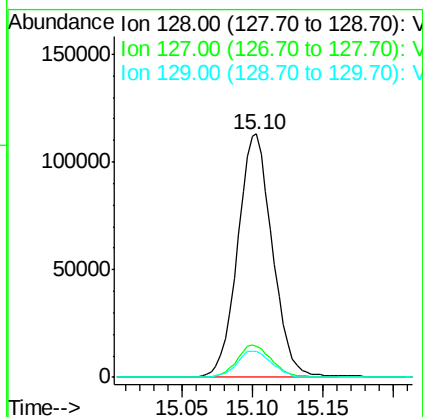
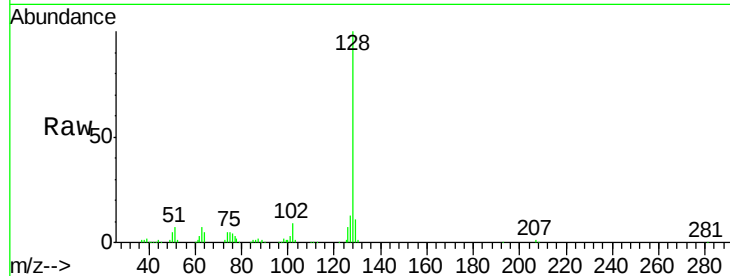
#95
Naphthalene
Concen: 18.948 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. -0.00 min
Lab File: VN064240.D
Acq: 22 Oct 2020 1:54

Instrument :
MSVOA_N
ClientSampleId :
VN1021WBSD02

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.5	15.7
129	11.0	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
10/23/2020 2:10:39 PM



#96
1,2,3-Trichlorobenzene
Concen: 18.292 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. -0.00 min
Lab File: VN064240.D
Acq: 22 Oct 2020 1:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.4	48.0	144.2
145	34.1	17.1	51.3

