

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102120\
 Data File : VN064214.D
 Acq On : 21 Oct 2020 11:45
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 10/22/2020 3:25:18 PM

Quant Time: Oct 21 12:20:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102120W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 21 12:00:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	292061	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	473566	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	427214	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	208668	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	211559	49.94	ug/l	0.00
Spiked Amount			Recovery	=	99.88%	
35) Dibromofluoromethane	7.55	113	151756	46.38	ug/l	0.00
Spiked Amount			Recovery	=	92.76%	
50) Toluene-d8	10.06	98	572495	46.49	ug/l	0.00
Spiked Amount			Recovery	=	92.98%	
62) 4-Bromofluorobenzene	12.38	95	228150	52.37	ug/l	0.00
Spiked Amount			Recovery	=	104.74%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	178968	62.012	ug/l	100
3) Chloromethane	2.04	50	181488	52.051	ug/l	100
4) Vinyl Chloride	2.16	62	177325	42.380	ug/l	100
5) Bromomethane	2.53	94	111039	36.625	ug/l	100
6) Chloroethane	2.67	64	104475	32.508	ug/l	100
7) Trichlorofluoromethane	2.98	101	291602	49.350	ug/l	100
8) Diethyl Ether	3.37	74	94760	51.107	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	146961	50.549	ug/l	100
10) Methyl Iodide	3.91	142	209988	51.286	ug/l	100
11) Tert butyl alcohol	4.73	59	145301	297.320	ug/l	100
12) 1,1-Dichloroethene	3.70	96	141078	48.369	ug/l	100
13) Acrolein	3.57	56	85097	229.574	ug/l	100
14) Allyl chloride	4.27	41	285385	59.942	ug/l	100
15) Acrylonitrile	4.93	53	309612	235.987	ug/l	100
16) Acetone	3.78	43	317121	253.198	ug/l	100
17) Carbon Disulfide	4.01	76	408169	49.057	ug/l	100
18) Methyl Acetate	4.28	43	156052	49.741	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	485253	55.502	ug/l	100
20) Methylene Chloride	4.50	84	162632	42.983	ug/l	100
21) trans-1,2-Dichloroethene	4.99	96	154650	47.214	ug/l	100
22) Diisopropyl ether	5.90	45	511251	56.694	ug/l	100
23) Vinyl Acetate	5.84	43	2376292	294.379	ug/l	100
24) 1,1-Dichloroethane	5.80	63	303968	49.206	ug/l	100
25) 2-Butanone	6.78	43	501299	260.856	ug/l	100
26) 2,2-Dichloropropane	6.78	77	297633	56.002	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	177216	46.128	ug/l	100
28) Bromochloromethane	7.15	49	139770	47.473	ug/l	100
29) Tetrahydrofuran	7.17	42	305527	270.880	ug/l	100
30) Chloroform	7.33	83	317676	48.535	ug/l	100
31) Cyclohexane	7.61	56	242433	51.487	ug/l	100
32) 1,1,1-Trichloroethane	7.53	97	307330	53.474	ug/l	100
36) 1,1-Dichloropropene	7.75	75	238571	51.822	ug/l	100
37) Ethyl Acetate	6.88	43	218521	53.186	ug/l	100
38) Carbon Tetrachloride	7.74	117	276359	54.927	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	223829	57.033	ug/l	100
40) Benzene	8.00	78	658482	47.982	ug/l	100
41) Methacrylonitrile	7.12	41	100348	55.894	ug/l	100
42) 1,2-Dichloroethane	8.08	62	280400	55.821	ug/l	100
43) Isopropyl Acetate	8.13	43	401965	57.793	ug/l	100
44) Trichloroethene	8.80	130	179162	49.401	ug/l	100
45) 1,2-Dichloropropane	9.08	63	180033	49.622	ug/l	100
46) Dibromomethane	9.17	93	124237	48.404	ug/l	100
47) Bromodichloromethane	9.37	83	269888	53.179	ug/l	100
48) Methyl methacrylate	9.16	41	207585	63.707	ug/l	100
49) 1,4-Dioxane	9.16	88	47903	1002.029	ug/l	100
51) 4-Methyl-2-Pentanone	9.95	43	1108735	274.573	ug/l	100
52) Toluene	10.13	92	426474	50.479	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	300550	57.028	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	309867	53.921	ug/l	100
55) 1,1,2-Trichloroethane	10.53	97	164280	47.149	ug/l	100
56) Ethyl methacrylate	10.40	69	255404	56.444	ug/l	100
57) 1,3-Dichloropropane	10.68	76	286599	49.558	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	653599	288.237	ug/l	100
59) 2-Hexanone	10.72	43	820735	288.575	ug/l	100
60) Dibromochloromethane	10.87	129	206958	52.156	ug/l	100
61) 1,2-Dibromoethane	10.98	107	174309	49.147	ug/l	100
64) Tetrachloroethene	10.60	164	172980	53.108	ug/l	100
65) Chlorobenzene	11.41	112	454806	50.461	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	182174	52.866	ug/l	100
67) Ethyl Benzene	11.48	91	846309	55.448	ug/l	100
68) m/p-Xylenes	11.60	106	620564	109.992	ug/l	100
69) o-Xylene	11.92	106	306835	56.451	ug/l	100
70) Styrene	11.94	104	520481	57.488	ug/l	100
71) Bromoform	12.10	173	144999	56.240	ug/l #	100
73) Isopropylbenzene	12.22	105	819882	53.447	ug/l	100
74) N-amyl acetate	12.04	43	364807	61.578	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.48	83	214706	41.847	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	209731m	42.272	ug/l	
77) Bromobenzene	12.50	156	192587	47.163	ug/l	100
78) n-propylbenzene	12.57	91	932330	54.436	ug/l	100
79) 2-Chlorotoluene	12.65	91	572118	52.522	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	696878	56.416	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	88798	53.986	ug/l	100
82) 4-Chlorotoluene	12.75	91	600442	54.532	ug/l	100
83) tert-Butylbenzene	12.97	119	566737	55.485	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	700826	57.827	ug/l	100
85) sec-Butylbenzene	13.14	105	728223	55.582	ug/l	100
86) p-Isopropyltoluene	13.26	119	667200	58.150	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	346739	50.698	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	349960	49.925	ug/l	100
89) n-Butylbenzene	13.59	91	599047	61.366	ug/l	100
90) Hexachloroethane	13.85	117	116184	52.933	ug/l	100
91) 1,2-Dichlorobenzene	13.62	146	340451	50.155	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	54768	53.187	ug/l	100

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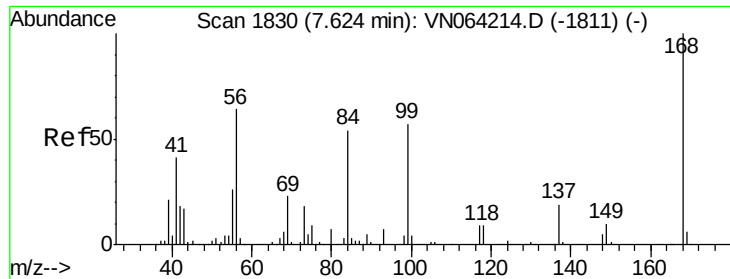
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	200873	69.389	ug/l	100
94) Hexachlorobutadiene	14.98	225	100195	59.089	ug/l	100
95) Naphthalene	15.10	128	597104	69.164	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	193662	67.431	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN064214.D

Acq: 21 Oct 2020 11:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion:168 Resp: 292061

Ion Ratio Lower Upper

168 100

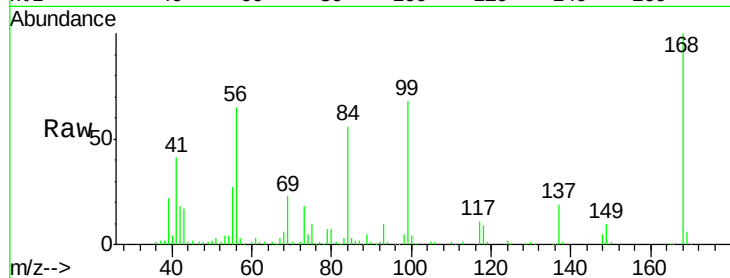
99 67.5 54.0 81.0

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

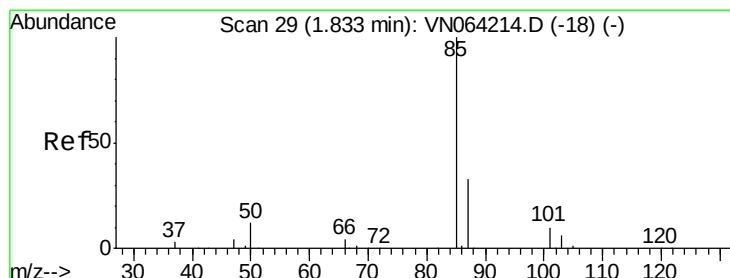
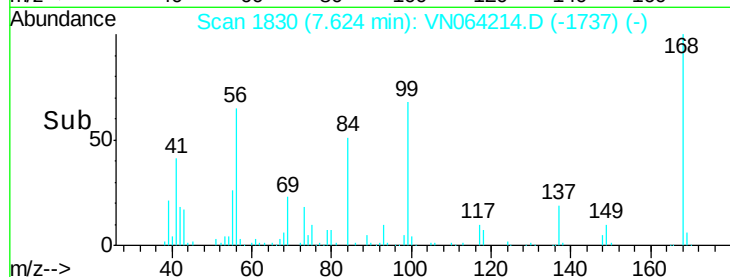
7.62

100000

50000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 62.012 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064214.D

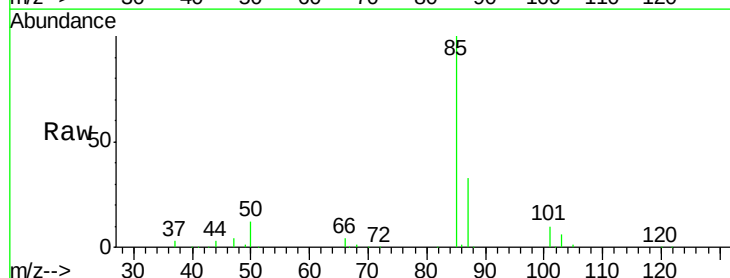
Acq: 21 Oct 2020 11:45

Tgt Ion: 85 Resp: 178968

Ion Ratio Lower Upper

85 100

87 33.2 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

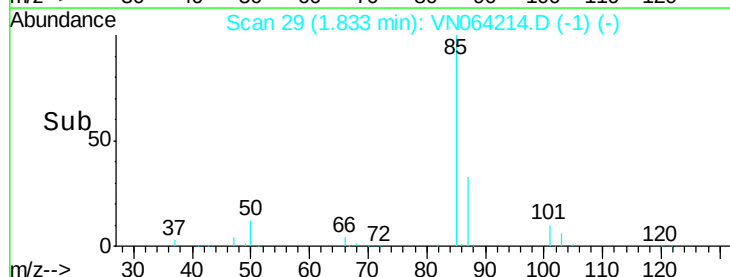
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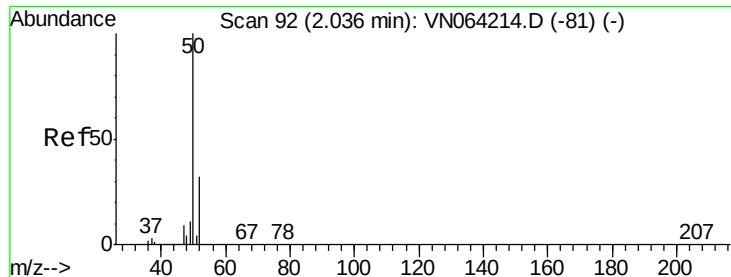
100000

50000

0

Time--> 1.75 1.80 1.85 1.90





#3

Chloromethane

Concen: 52.051 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN064214.D

Acq: 21 Oct 2020 11:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion: 50 Resp: 181488

Ion Ratio Lower Upper

50 100

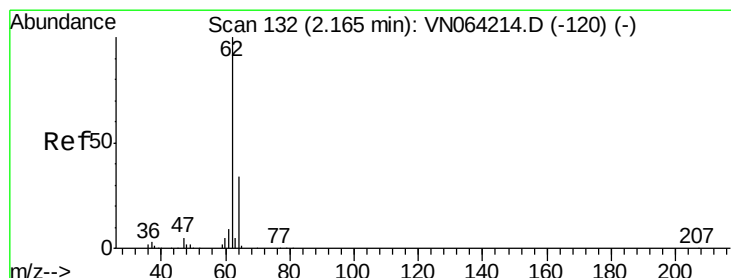
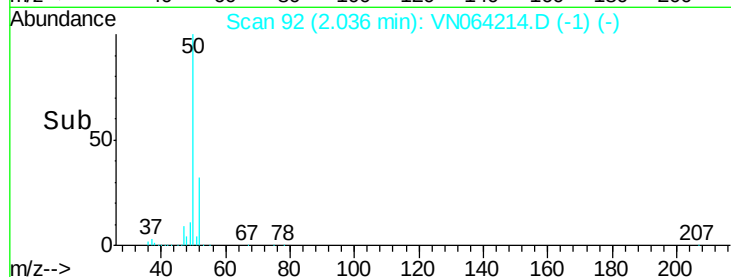
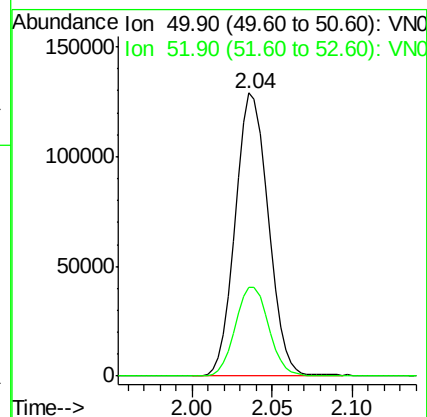
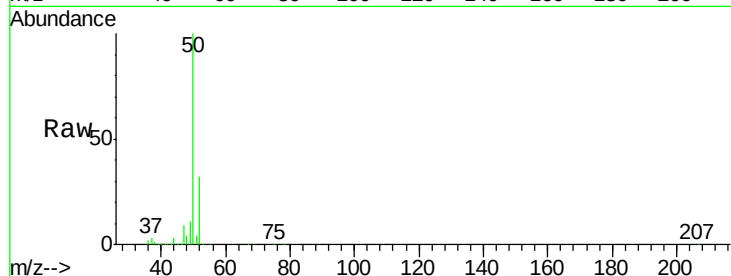
52 31.6 25.3 37.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 42.380 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN064214.D

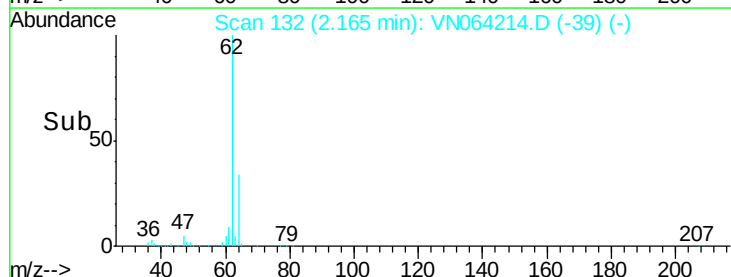
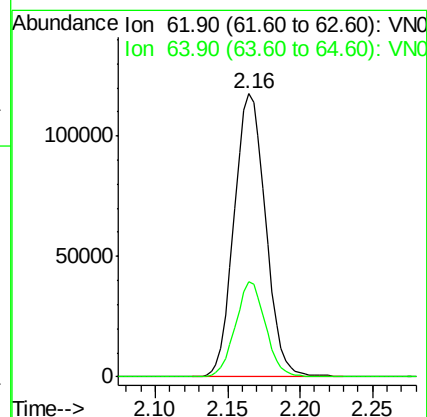
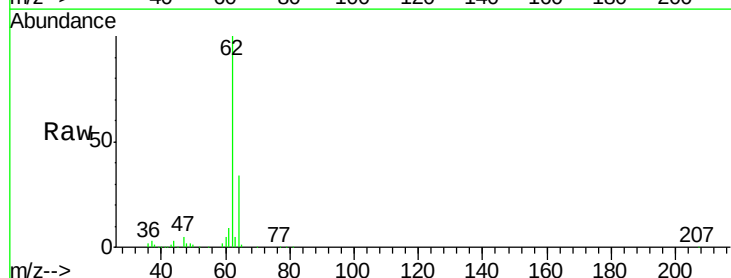
Acq: 21 Oct 2020 11:45

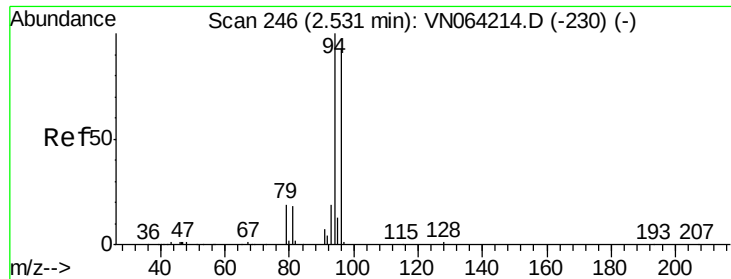
Tgt Ion: 62 Resp: 177325

Ion Ratio Lower Upper

62 100

64 33.5 26.8 40.2





#5

Bromomethane

Concen: 36.625 ug/l

RT: 2.53 min Scan# 246

Delta R.T. 0.00 min

Lab File: VN064214.D

Acq: 21 Oct 2020 11:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion: 94 Resp: 111039

Ion Ratio Lower Upper

94 100

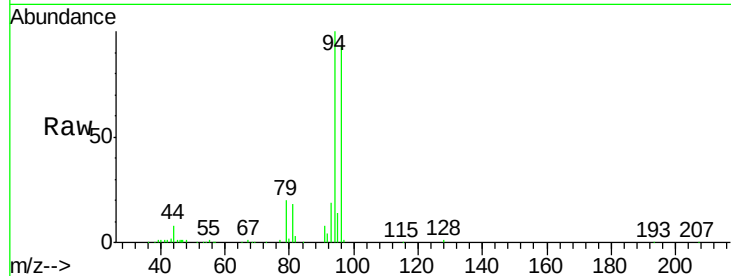
96 92.8 74.2 111.4

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO

60000

50000

40000

30000

20000

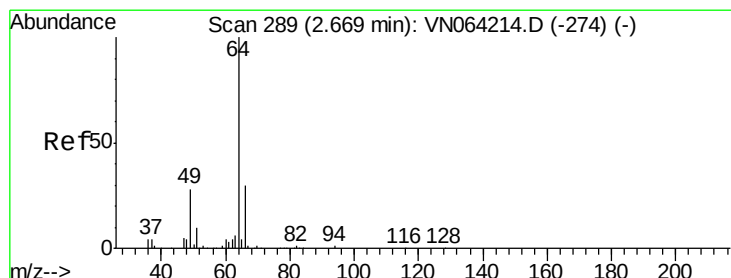
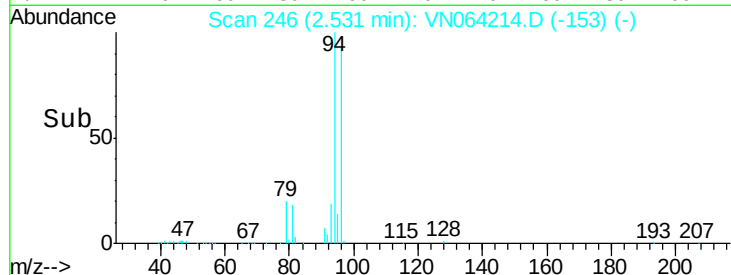
10000

0

Time-->

2.45 2.50 2.55 2.60 2.65

2.53



#6

Chloroethane

Concen: 32.508 ug/l

RT: 2.67 min Scan# 289

Delta R.T. 0.00 min

Lab File: VN064214.D

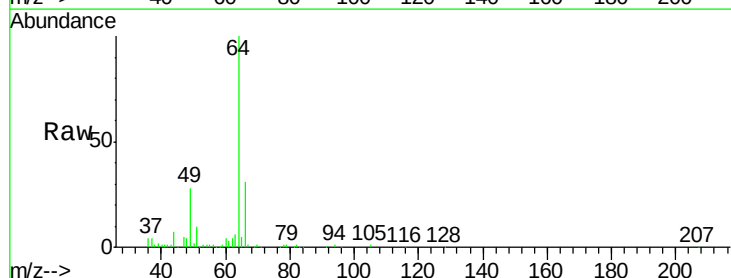
Acq: 21 Oct 2020 11:45

Tgt Ion: 64 Resp: 104475

Ion Ratio Lower Upper

64 100

66 30.6 24.5 36.7



Abundance Ion 63.90 (63.60 to 64.60): VNO

Ion 65.90 (65.60 to 66.60): VNO

60000

50000

40000

30000

20000

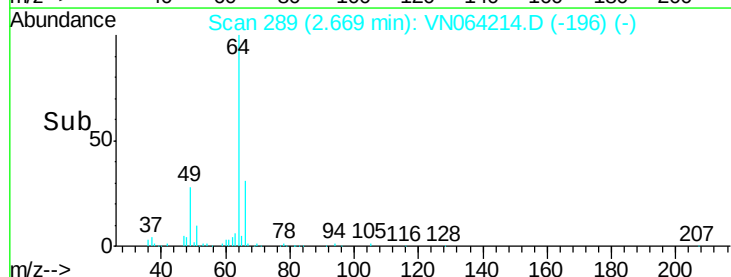
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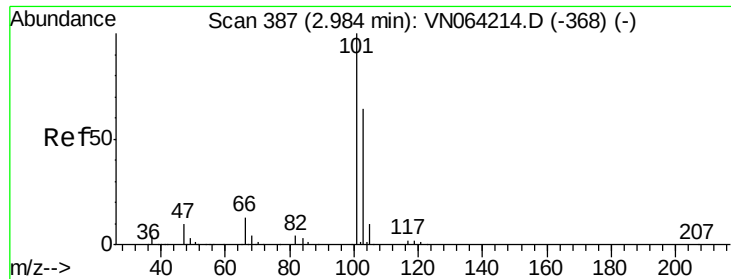
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Time-->

2.60 2.65 2.70 2.75 2.80

2.67





#7

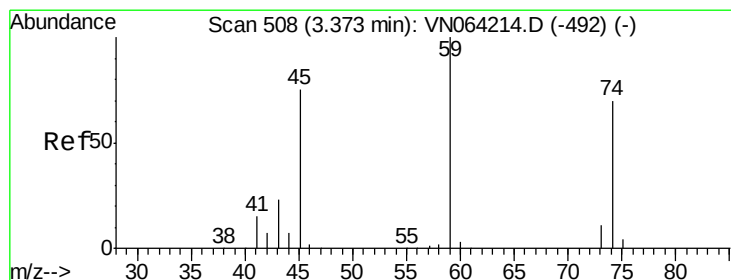
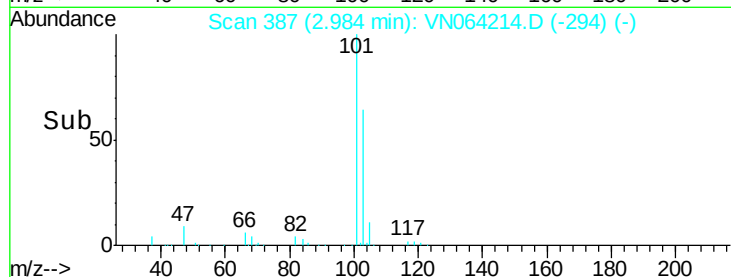
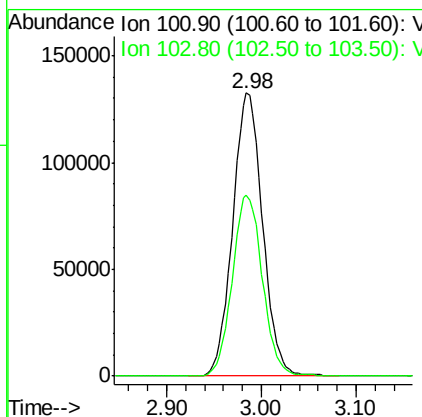
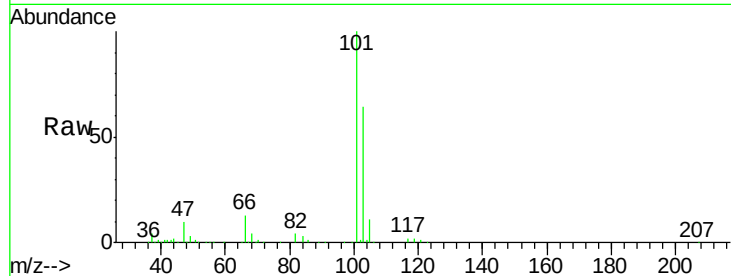
Trichlorofluoromethane
Concen: 49.350 ug/l
RT: 2.98 min Scan# 387
Delta R.T. 0.00 min
Lab File: VN064214.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.8	51.0	76.6

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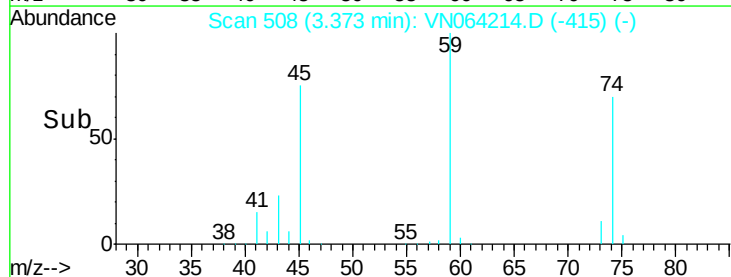
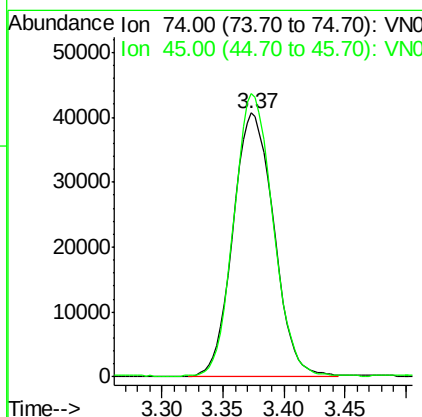
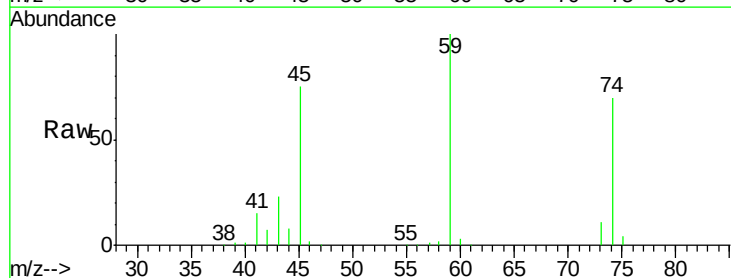
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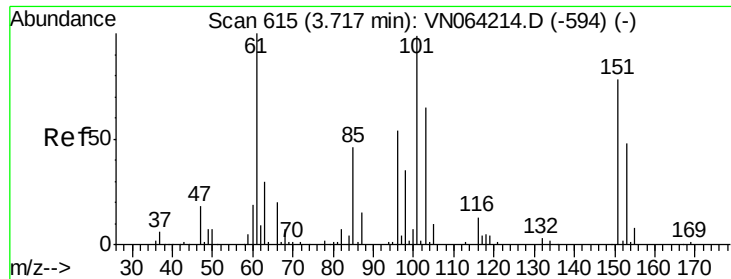


#8

Diethyl Ether
Concen: 51.107 ug/l
RT: 3.37 min Scan# 508
Delta R.T. 0.00 min
Lab File: VN064214.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	102.7	51.3	154.0





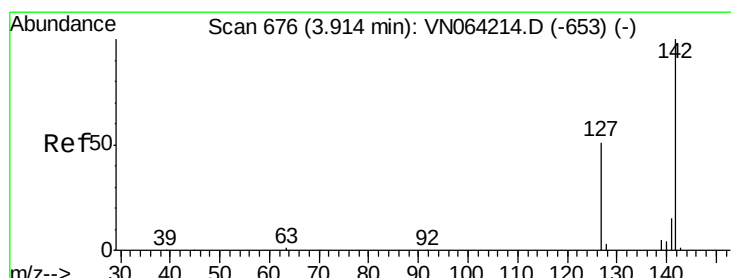
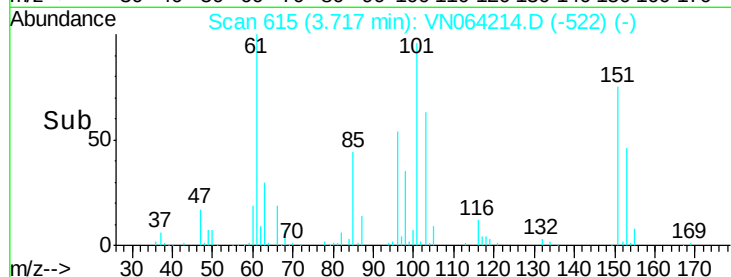
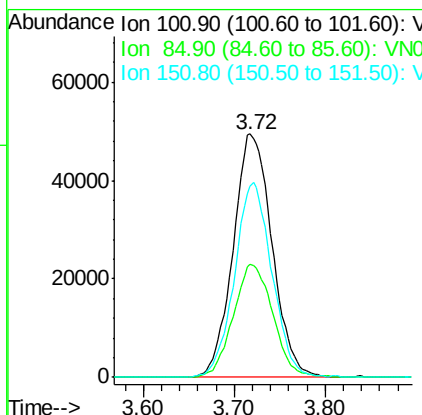
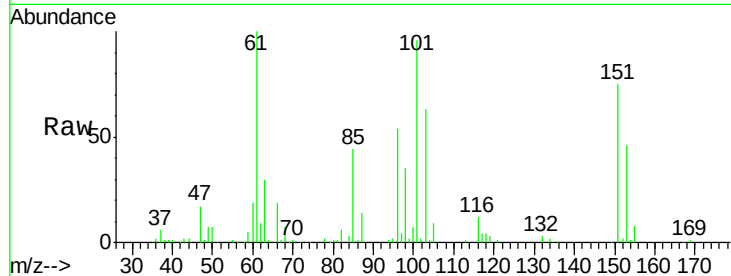
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 50.549 ug/l
 RT: 3.72 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: VN064214.D
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	146961		
85	47.3	37.8	56.8	
151	76.8	61.4	92.2	

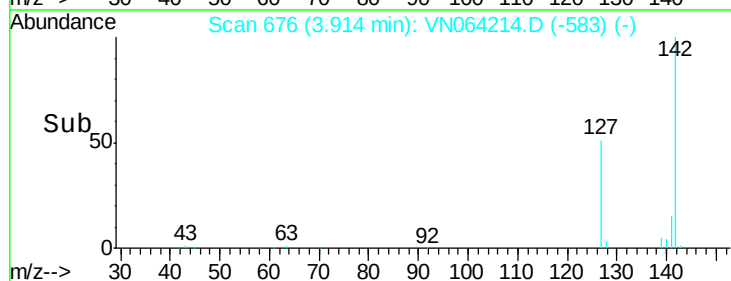
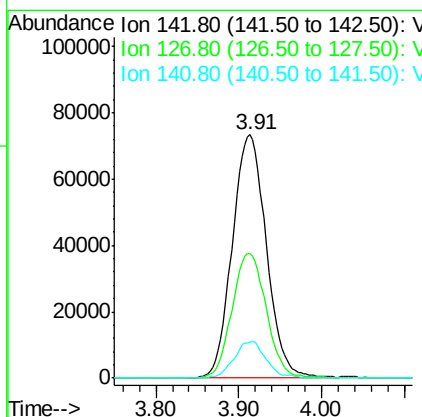
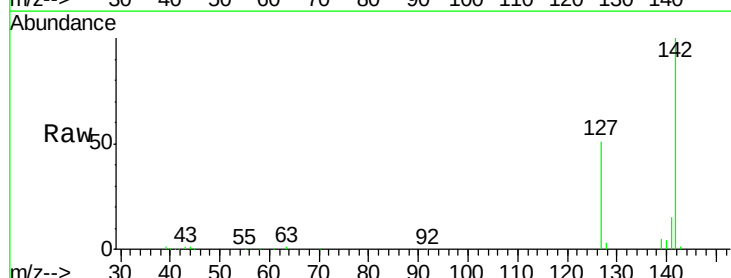
Manual Integrations
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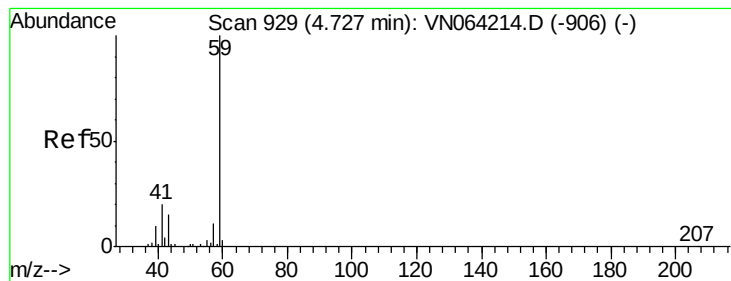
MMDadoda
 10/22/2020 3:25:18 PM



#10
 Methyl Iodide
 Concen: 51.286 ug/l
 RT: 3.91 min Scan# 676
 Delta R.T. 0.00 min
 Lab File: VN064214.D
 Acq: 21 Oct 2020 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	209988		
127	51.3	41.0	61.6	
141	14.1	11.3	16.9	





#11

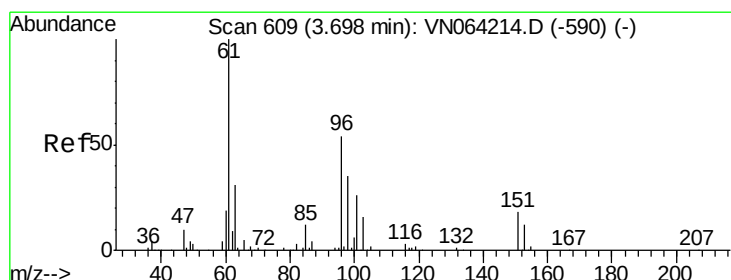
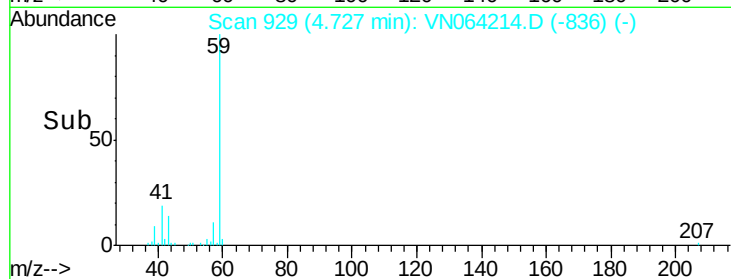
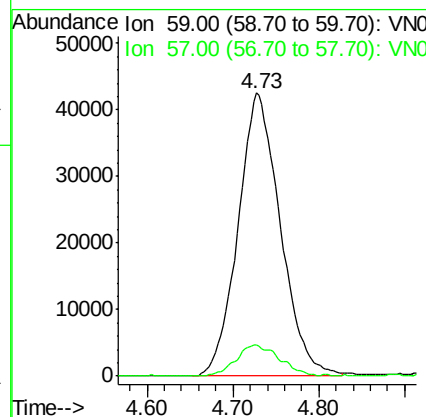
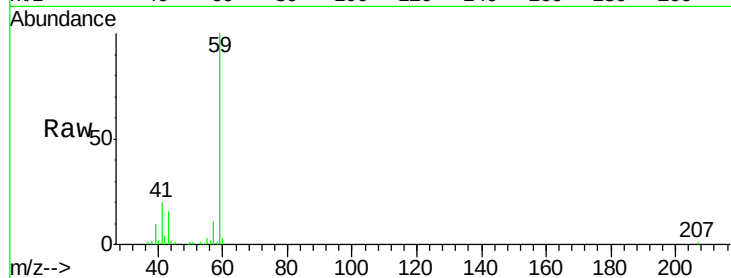
Tert butyl alcohol
Concen: 297.320 ug/l
RT: 4.73 min Scan# 929
Delta R.T. 0.00 min
Lab File: VN064214.D
Acq: 21 Oct 2020 11:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.5	9.2	13.8

Manual Integrations
APPROVED

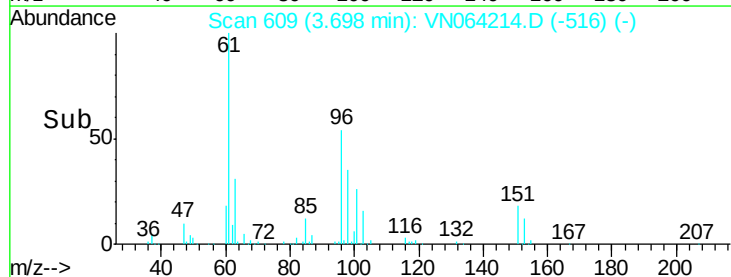
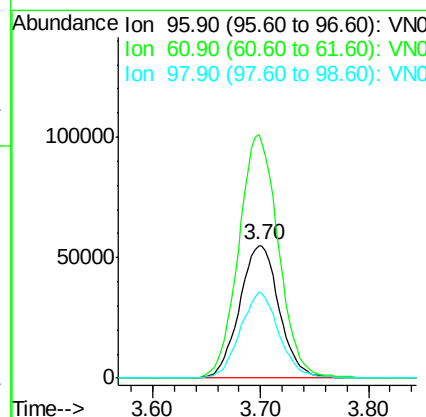
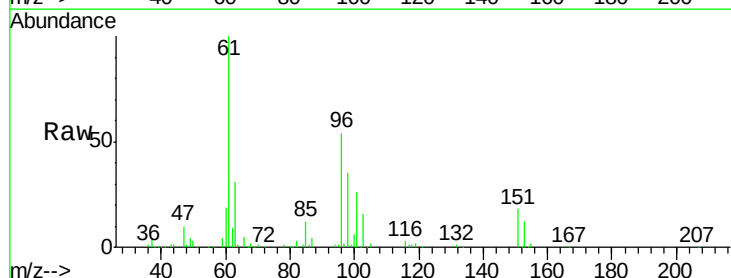
MMDadoda
10/22/2020 3:25:18 PM

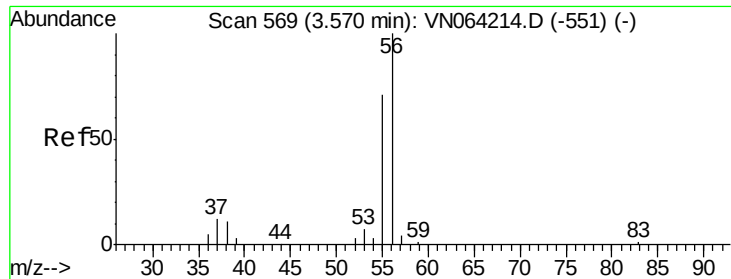


#12

1,1-Dichloroethene
Concen: 48.369 ug/l
RT: 3.70 min Scan# 609
Delta R.T. 0.00 min
Lab File: VN064214.D
Acq: 21 Oct 2020 11:45

Tgt Ion	Ratio	Lower	Upper
96	100		
61	183.7	147.0	220.4
98	64.6	51.7	77.5





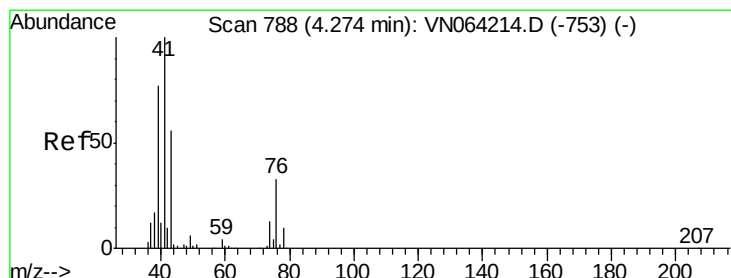
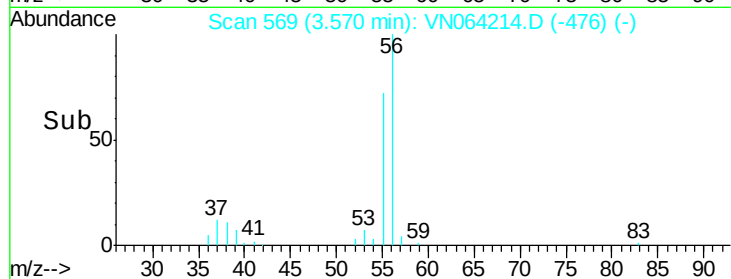
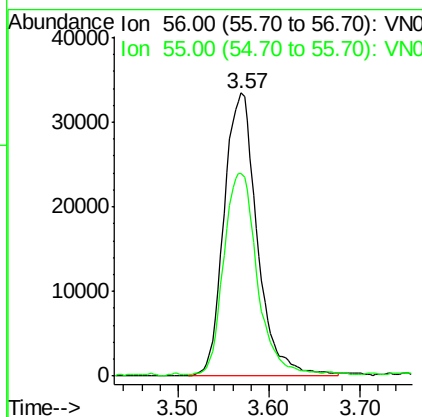
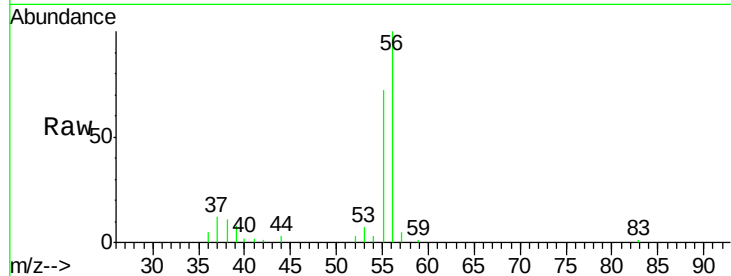
#13
Acrolein
Concen: 229.574 ug/l
RT: 3.57 min Scan# 569
Delta R.T. 0.00 min
Lab File: VN064214.D
Acq: 21 Oct 2020 11:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
55	70.1	56.1	84.1	

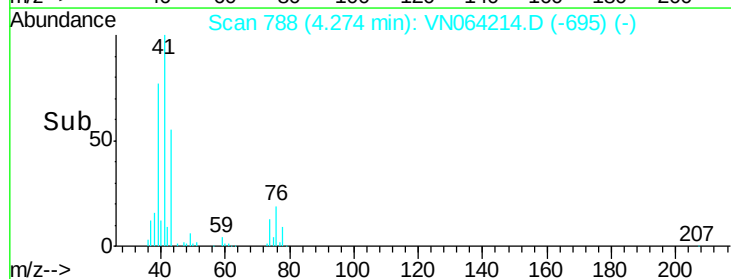
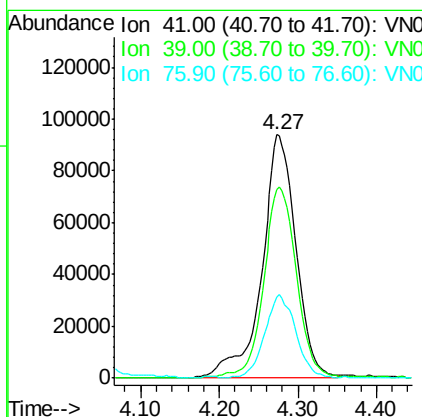
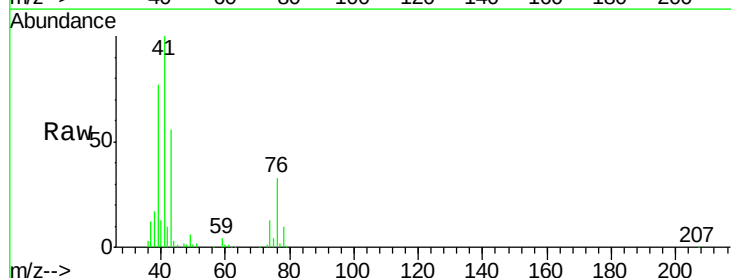
Manual Integrations
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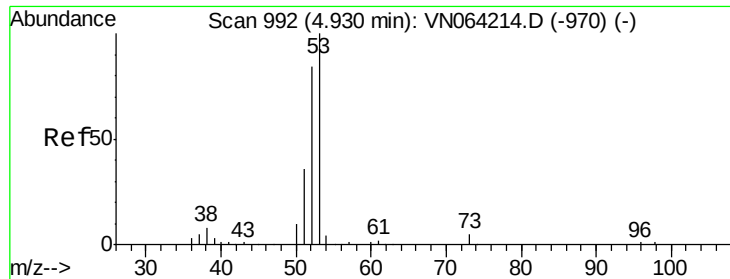
MMDadoda
10/22/2020 3:25:18 PM



#14
Allyl chloride
Concen: 59.942 ug/l
RT: 4.27 min Scan# 788
Delta R.T. 0.00 min
Lab File: VN064214.D
Acq: 21 Oct 2020 11:45

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	73.3	58.6	88.0	
76	30.6	24.5	36.7	





#15

Acrylonitrile

Concen: 235.987 ug/l

RT: 4.93 min Scan# 992

Delta R.T. 0.00 min

Lab File: VN064214.D

Acq: 21 Oct 2020 11:45

Instrument :

MSVOA_N

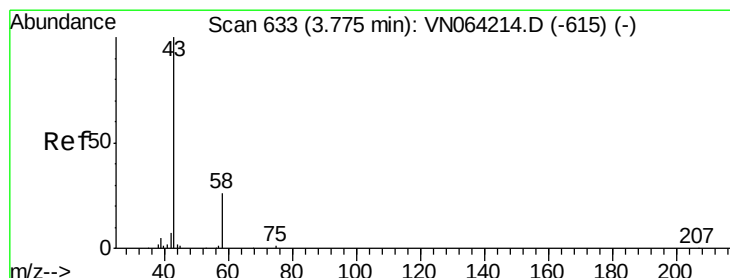
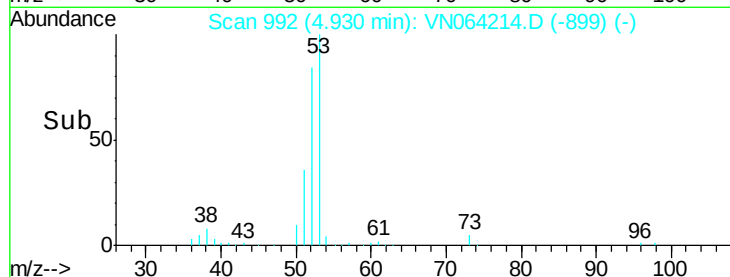
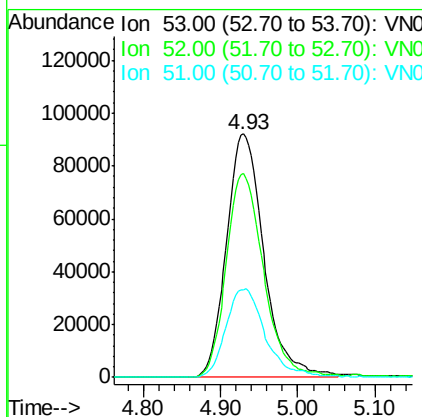
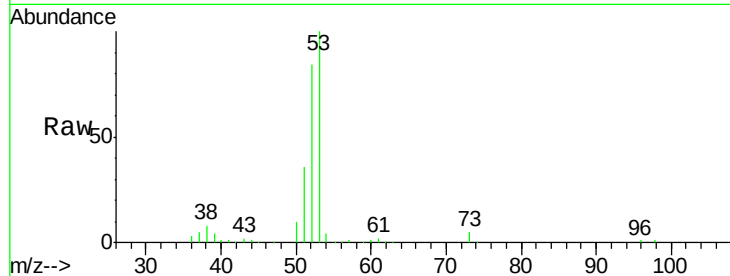
ClientSampleId :

VSTDICCC050

Tot Ion:	53	Resp:	309612
Ion Ratio	Lower	Upper	
53	100		
52	83.5	66.8	100.2
51	38.4	30.7	46.1

Manual Integrations
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#16

Acetone

Concen: 253.198 ug/l

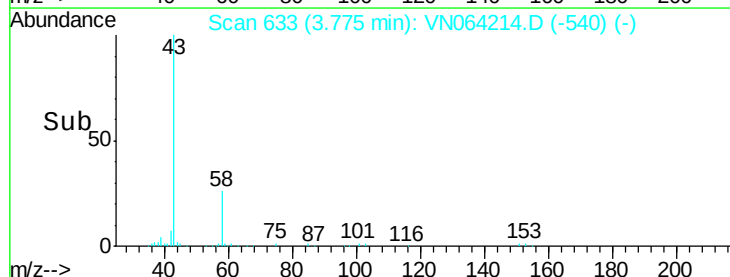
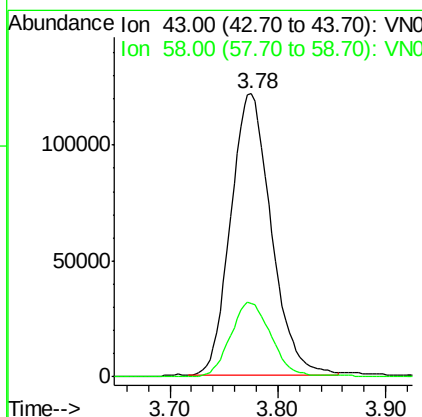
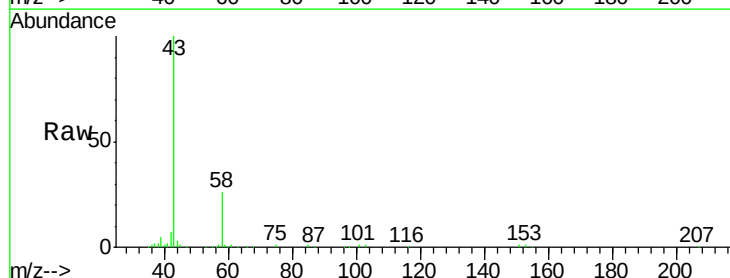
RT: 3.78 min Scan# 633

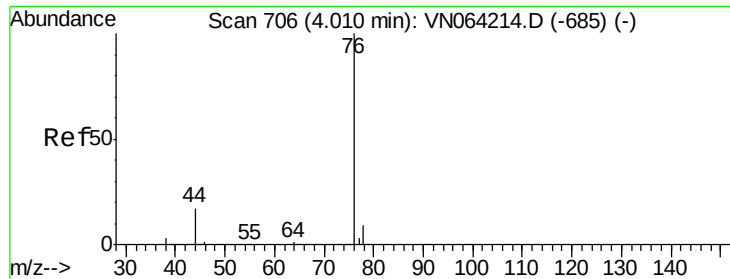
Delta R.T. 0.00 min

Lab File: VN064214.D

Acq: 21 Oct 2020 11:45

Tgt Ion:	43	Resp:	317121
Ion Ratio	Lower	Upper	
43	100		
58	26.2	21.0	31.4





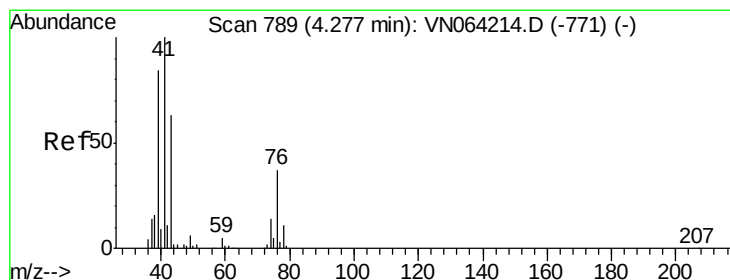
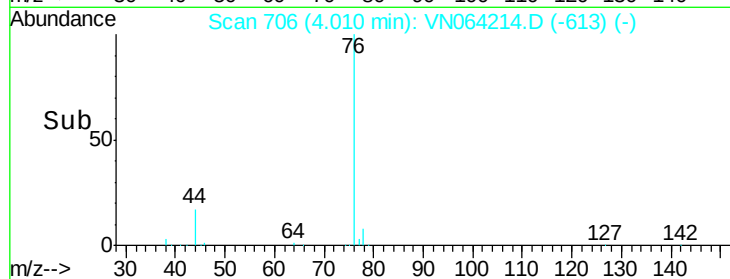
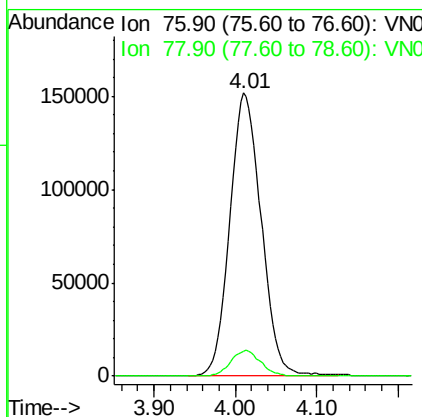
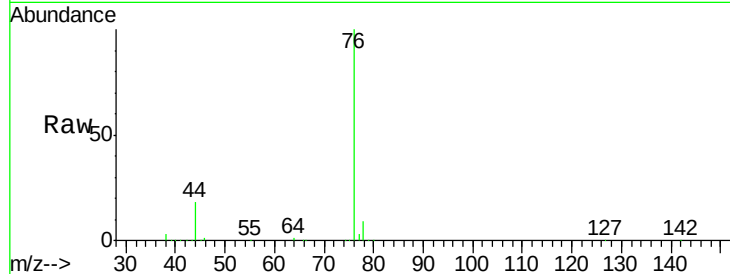
#17
Carbon Disulfide
Concen: 49.057 ug/l
RT: 4.01 min Scan# 706
Delta R.T. 0.00 min
Lab File: VN064214.D
Acq: 21 Oct 2020 11:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.1	10.7

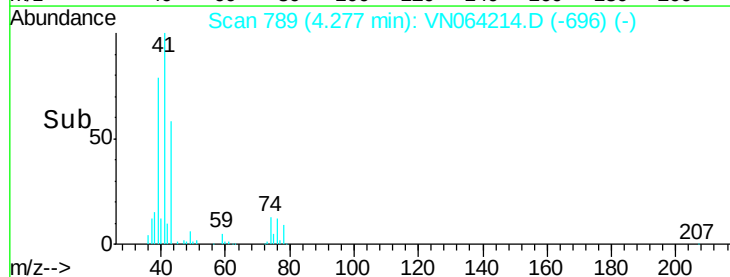
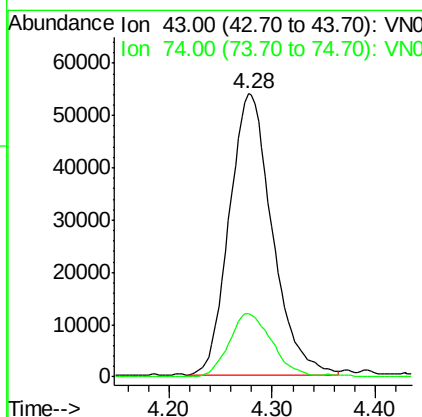
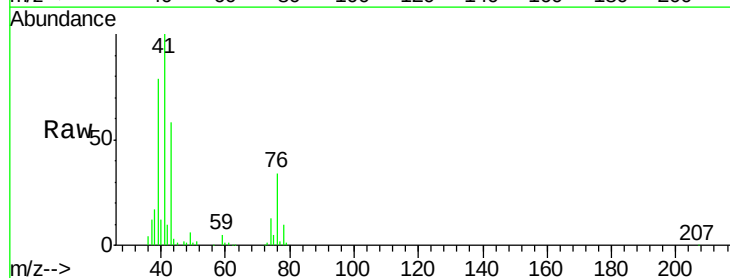
Manual Integrations
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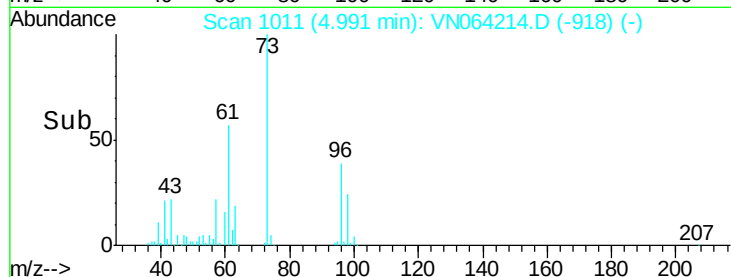
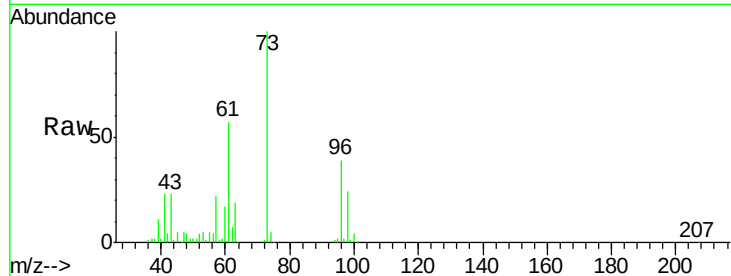
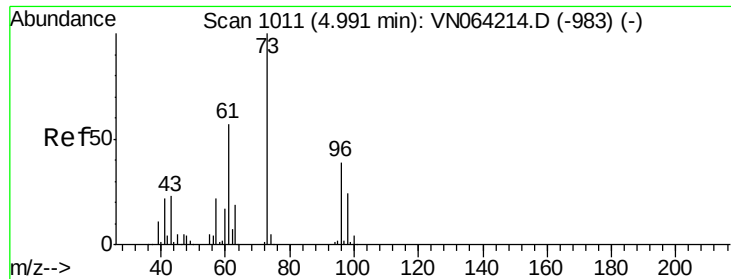
MMDadoda
10/22/2020 3:25:18 PM



#18
Methyl Acetate
Concen: 49.741 ug/l
RT: 4.28 min Scan# 789
Delta R.T. 0.00 min
Lab File: VN064214.D
Acq: 21 Oct 2020 11:45

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.4	17.9	26.9





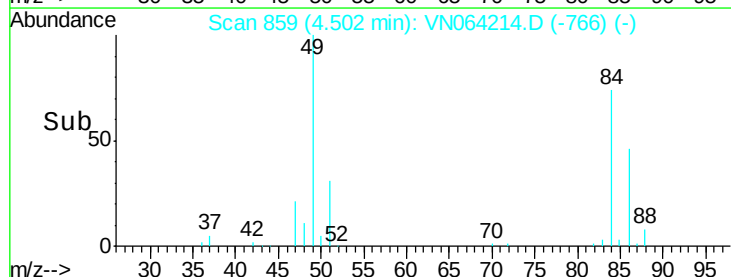
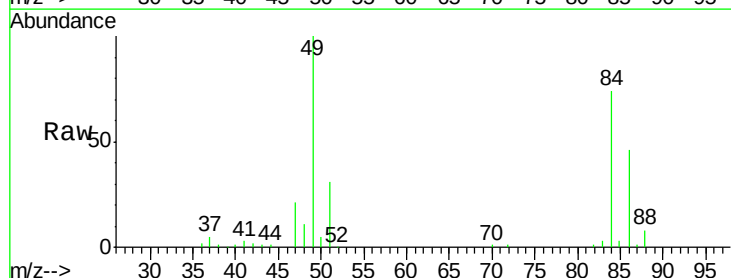
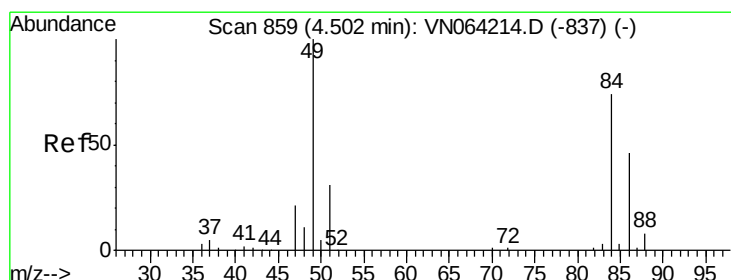
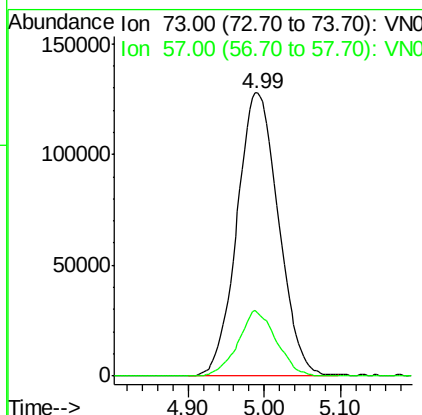
#19
Methyl tert-butyl Ether
Concen: 55.502 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN064214.D
Acq: 21 Oct 2020 11:45

Tot Ion: 73 Resp: 485253
Ion Ratio Lower Upper
73 100
57 22.5 18.0 27.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

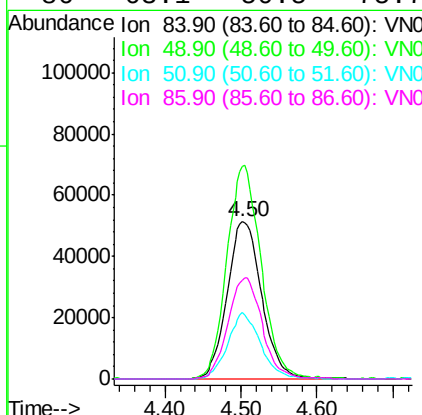
Manual Integrations
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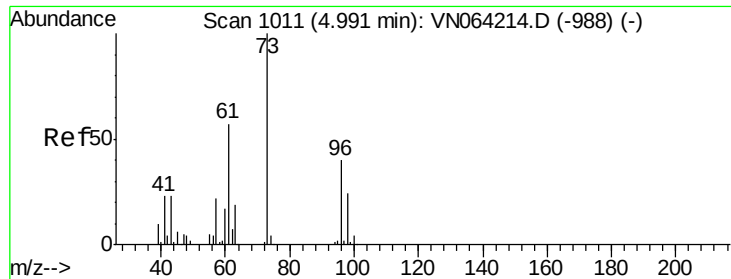
MMDadoda
10/22/2020 3:25:18 PM



#20
Methylene Chloride
Concen: 42.983 ug/l
RT: 4.50 min Scan# 859
Delta R.T. 0.00 min
Lab File: VN064214.D
Acq: 21 Oct 2020 11:45

Tgt Ion: 84 Resp: 162632
Ion Ratio Lower Upper
84 100
49 135.6 108.5 162.7
51 42.3 33.8 50.8
86 63.1 50.5 75.7





#21

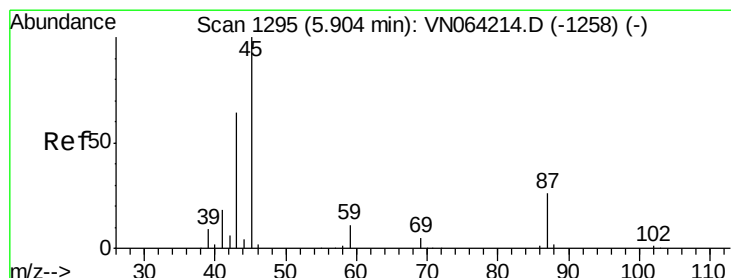
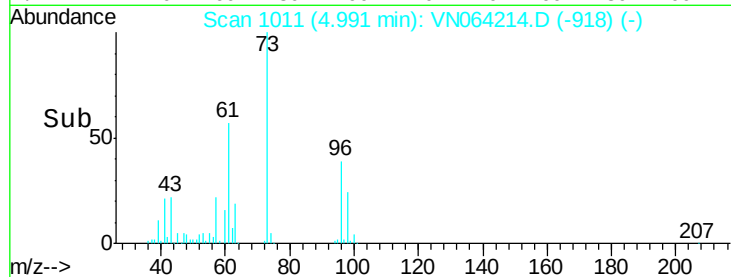
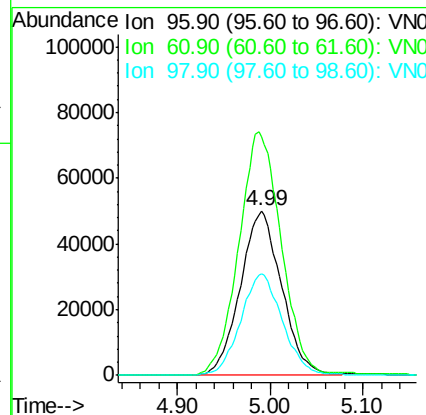
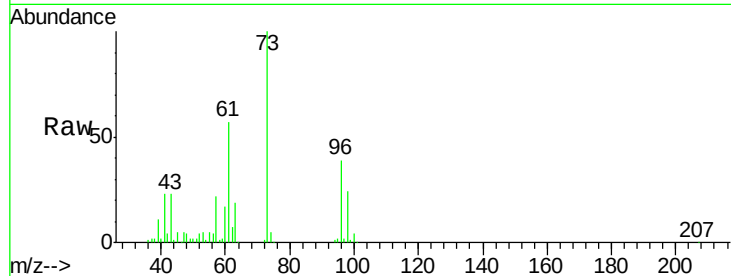
trans-1,2-Dichloroethene
Concen: 47.214 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN064214.D
Acq: 21 Oct 2020 11:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	144.7	115.8	173.6
98	61.7	49.4	74.0

Manual Integrations
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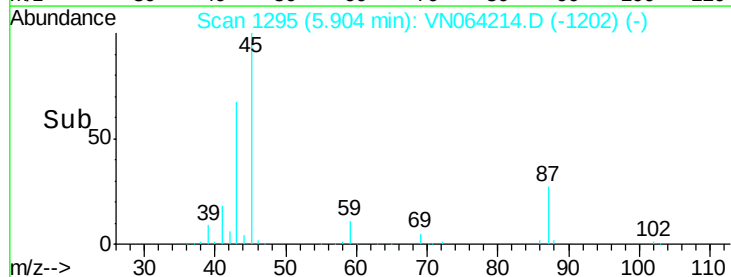
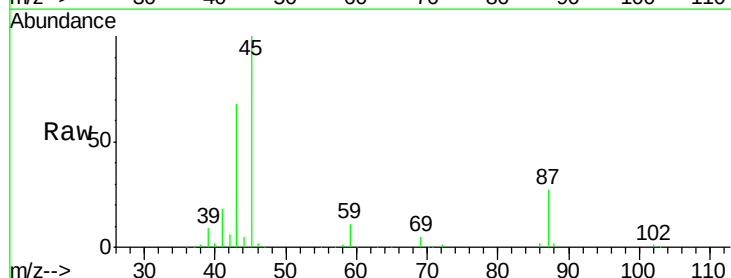
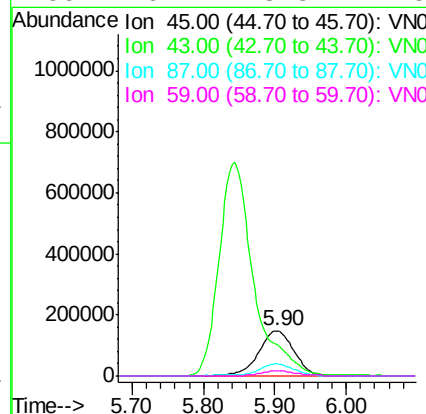
MMDadoda
10/22/2020 3:25:18 PM

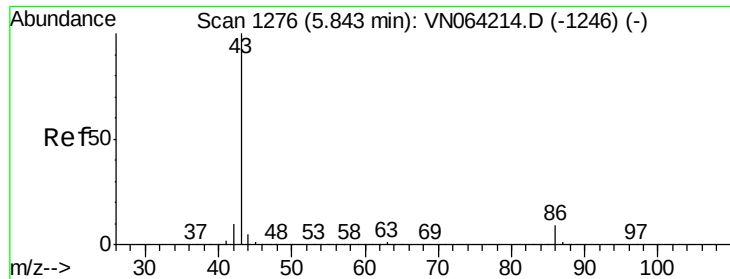


#22

Diisopropyl ether
Concen: 56.694 ug/l
RT: 5.90 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VN064214.D
Acq: 21 Oct 2020 11:45

Tgt Ion	Ratio	Lower	Upper
45	100		
43	65.3	52.2	78.4
87	26.7	21.4	32.0
59	10.4	8.3	12.5





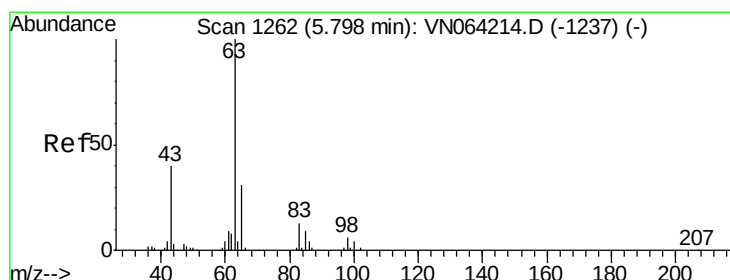
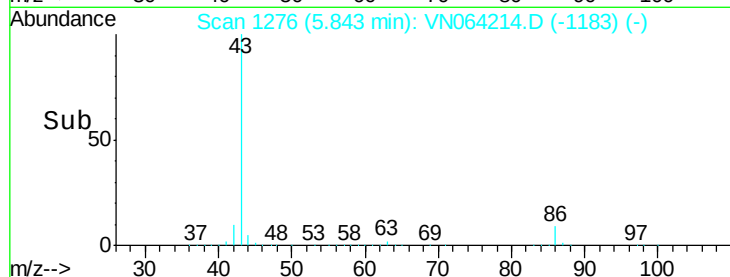
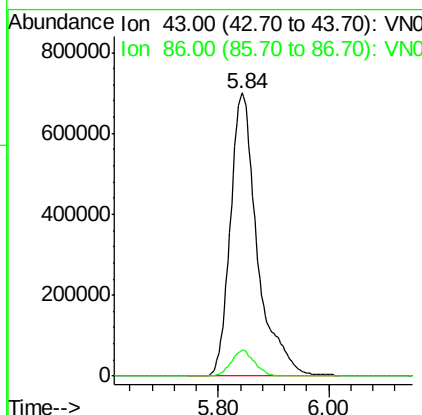
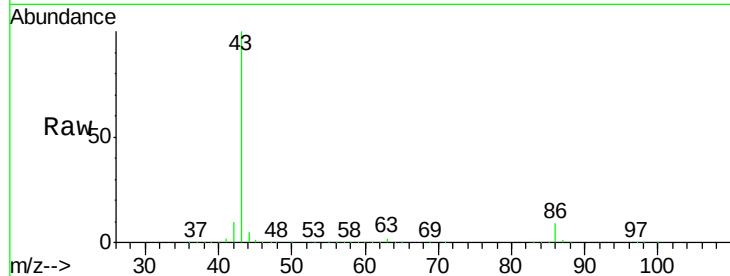
#23
 Vinyl Acetate
 Concen: 294.379 ug/l
 RT: 5.84 min Scan# 1276
 Delta R.T. 0.00 min
 Lab File: VN064214.D
 Acq: 21 Oct 2020 11:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion: 43 Resp: 2376292
 Ion Ratio Lower Upper
 43 100
 86 9.2 7.4 11.0

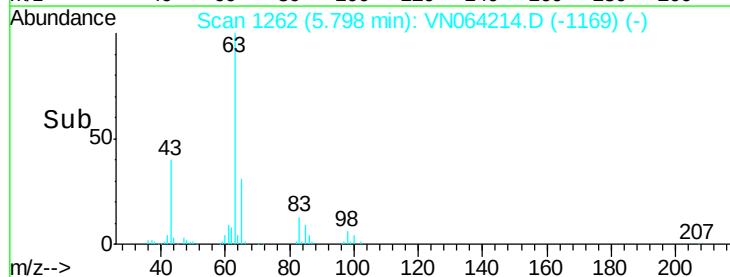
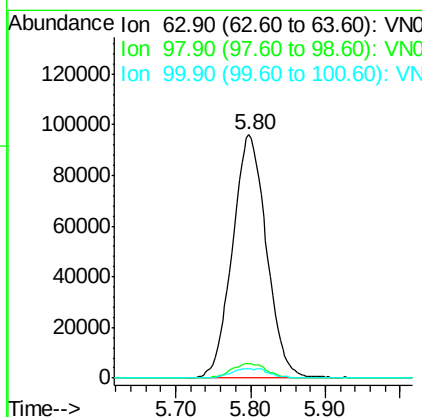
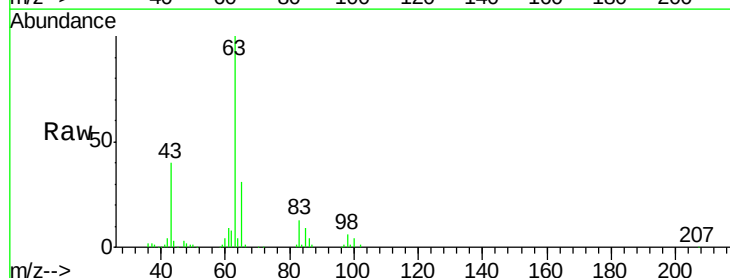
Manual Integrations
 APPROVED

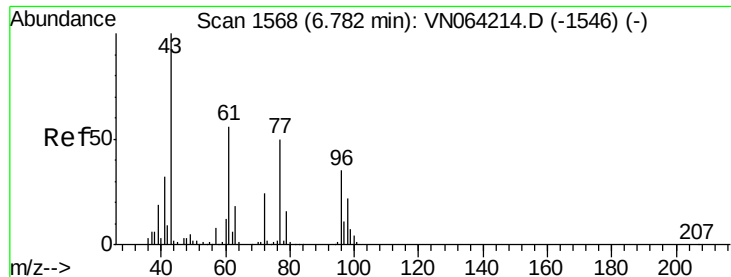
MMDadoda
 10/22/2020 3:25:18 PM



#24
 1,1-Dichloroethane
 Concen: 49.206 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. 0.00 min
 Lab File: VN064214.D
 Acq: 21 Oct 2020 11:45

Tgt Ion: 63 Resp: 303968
 Ion Ratio Lower Upper
 63 100
 98 5.8 2.9 8.7
 100 4.0 2.0 6.0





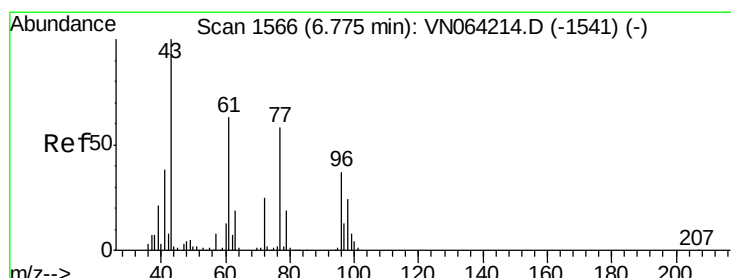
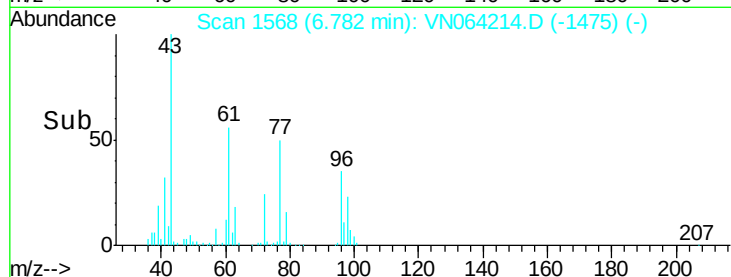
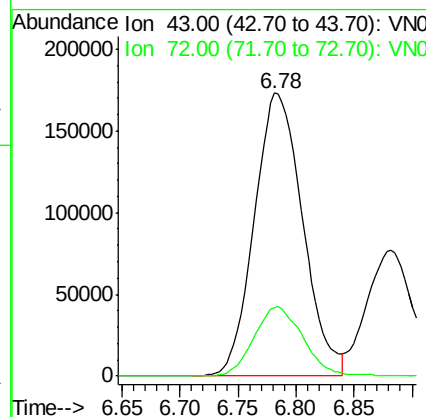
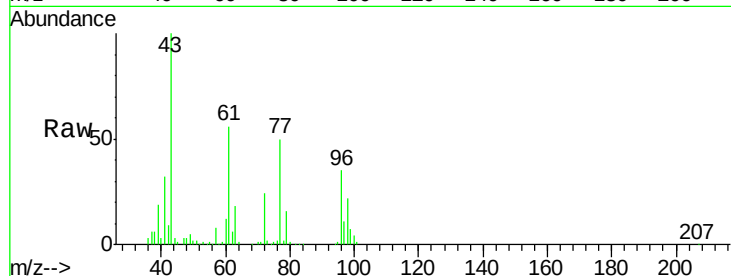
#25
2-Butanone
Concen: 260.856 ug/l
RT: 6.78 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VN064214.D
Acq: 21 Oct 2020 11:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
72	24.2	19.4	29.0

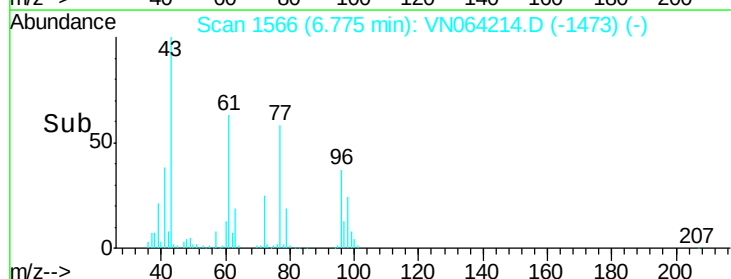
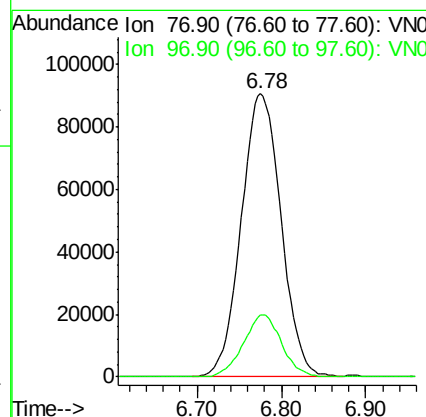
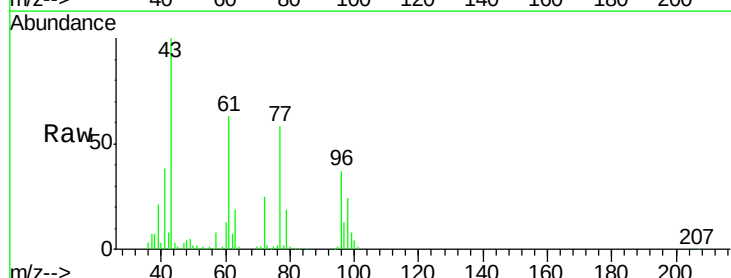
Manual Integrations
APPROVED

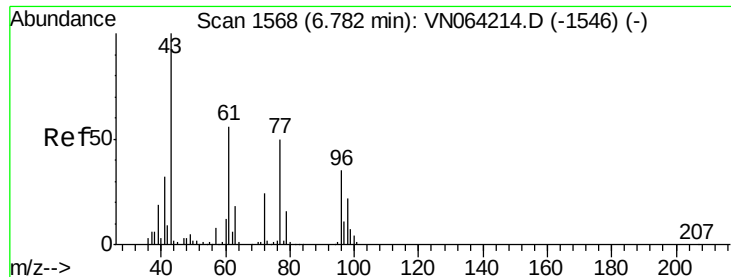
MMDadoda
10/22/2020 3:25:18 PM



#26
2,2-Dichloropropane
Concen: 56.002 ug/l
RT: 6.78 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VN064214.D
Acq: 21 Oct 2020 11:45

Tgt Ion	Ratio	Lower	Upper
77	100		
97	20.9	10.4	31.4





#27

cis-1,2-Dichloroethene

Concen: 46.128 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN064214.D

Acq: 21 Oct 2020 11:45

Instrument :

MSVOA_N

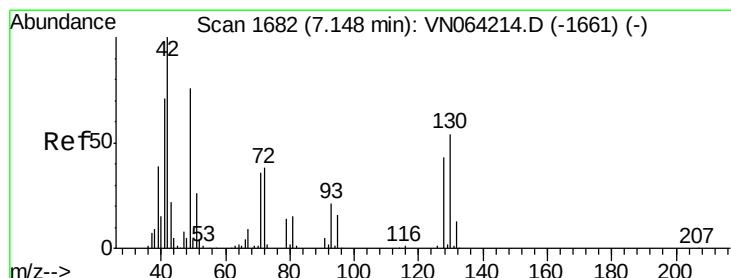
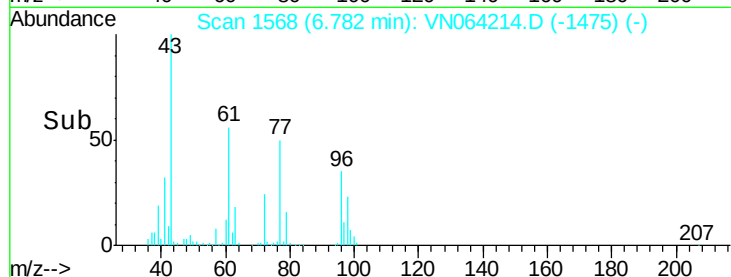
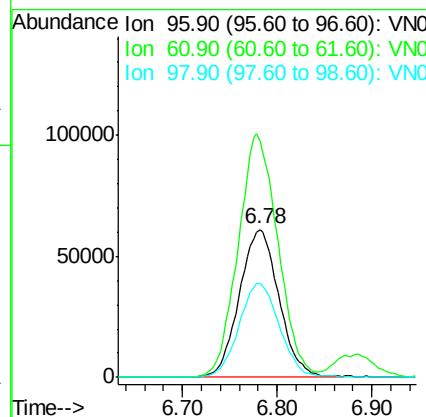
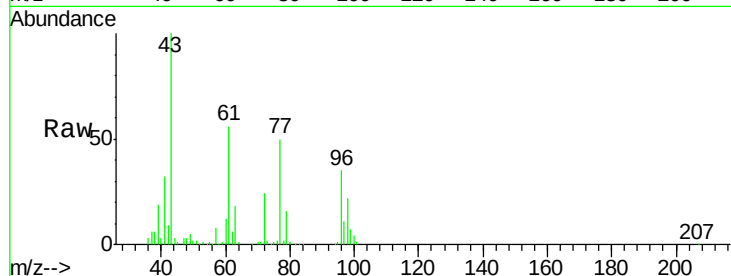
ClientSampleId :

VSTDICCC050

Tot Ion:	96	Resp:	177216
Ion	Ratio	Lower	Upper
96	100		
61	165.0	0.0	330.0
98	65.3	0.0	130.6

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#28

Bromochloromethane

Concen: 47.473 ug/l

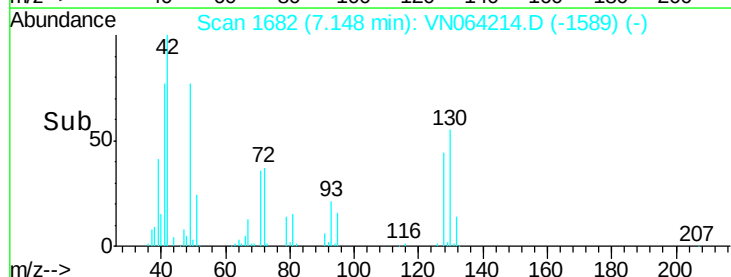
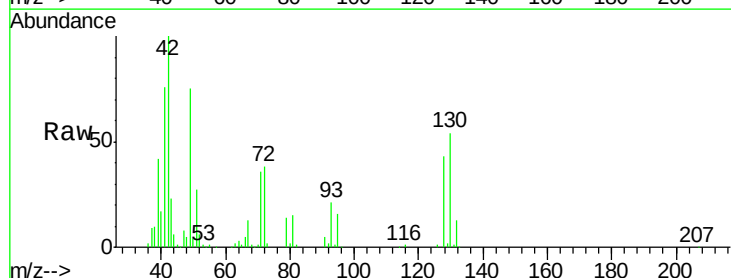
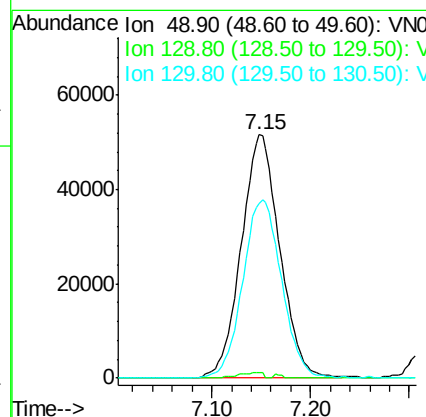
RT: 7.15 min Scan# 1682

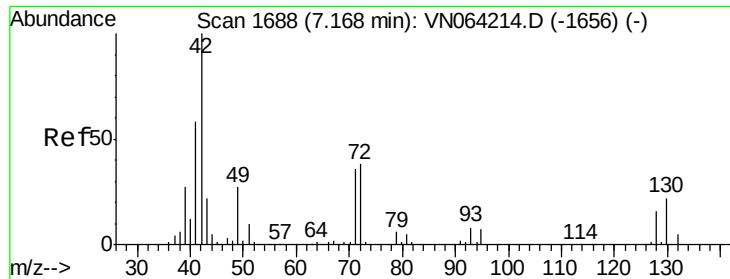
Delta R.T. 0.00 min

Lab File: VN064214.D

Acq: 21 Oct 2020 11:45

Tgt Ion:	49	Resp:	139770
Ion	Ratio	Lower	Upper
49	100		
129	1.4	0.0	2.8
130	73.5	58.8	88.2





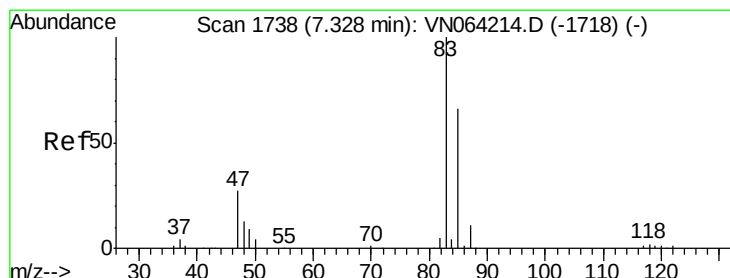
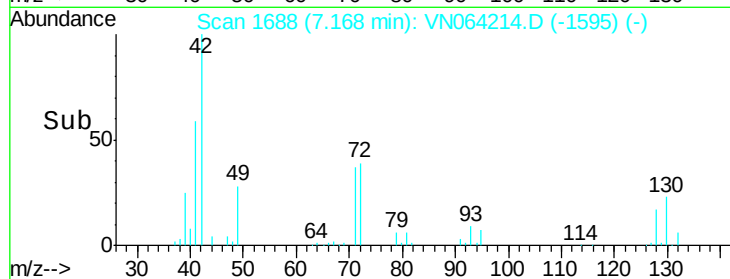
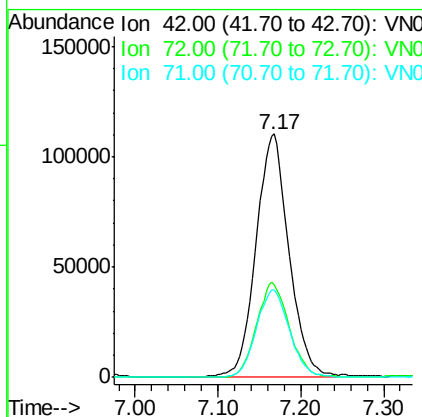
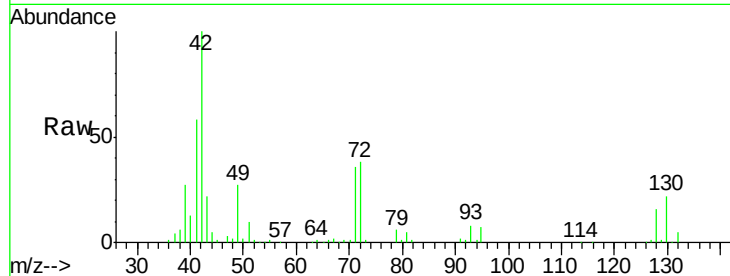
#29
Tetrahydrofuran
Concen: 270.880 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VN064214.D
Acq: 21 Oct 2020 11:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	38.5	30.8	46.2
71	36.3	29.0	43.6

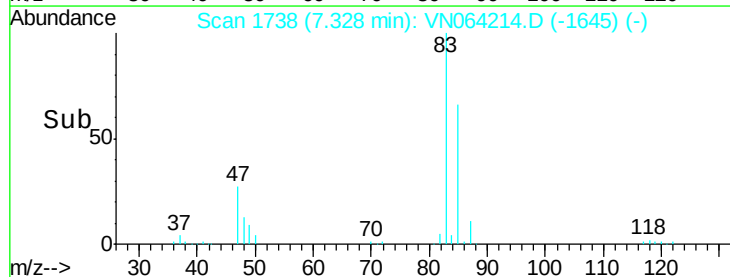
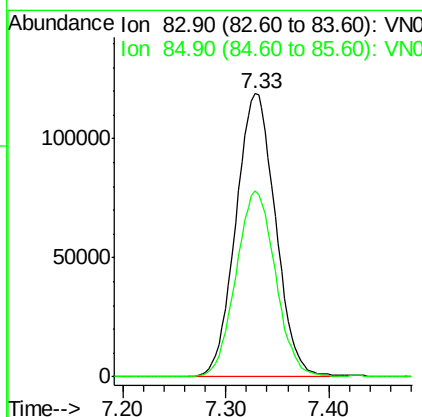
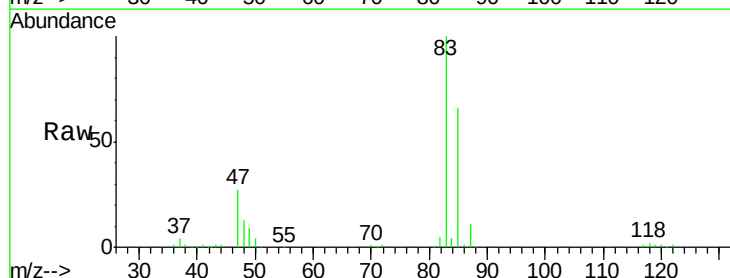
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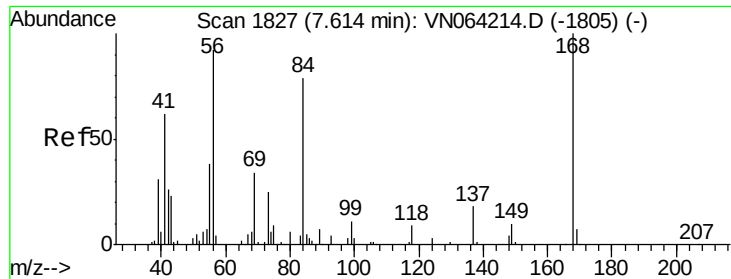
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#30
Chloroform
Concen: 48.535 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN064214.D
Acq: 21 Oct 2020 11:45

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.6	52.5	78.7





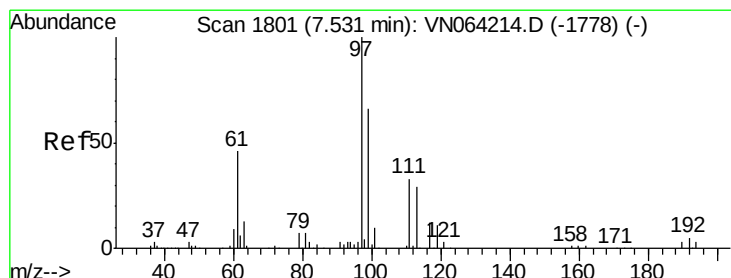
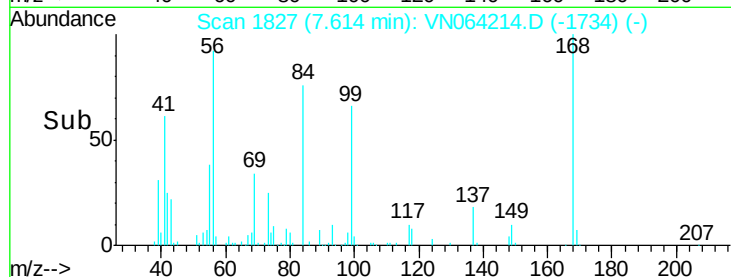
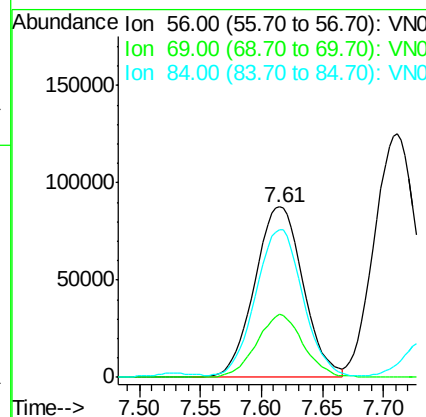
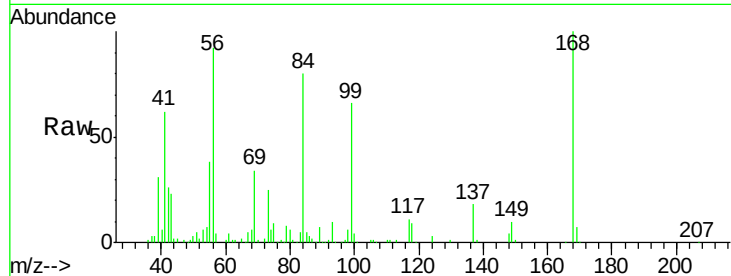
#31
Cyclohexane
Concen: 51.487 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. 0.00 min
Lab File: VN064214.D
Acq: 21 Oct 2020 11:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	37.2	29.8	44.6
84	85.1	68.1	102.1

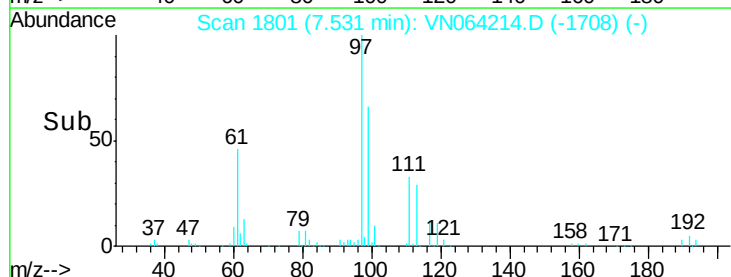
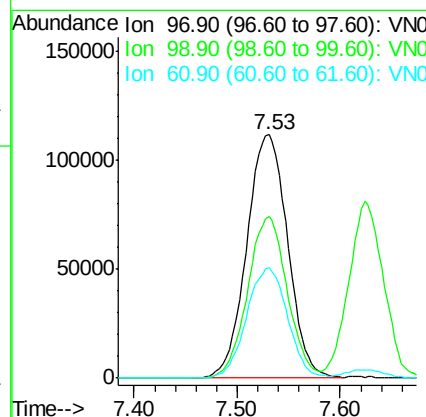
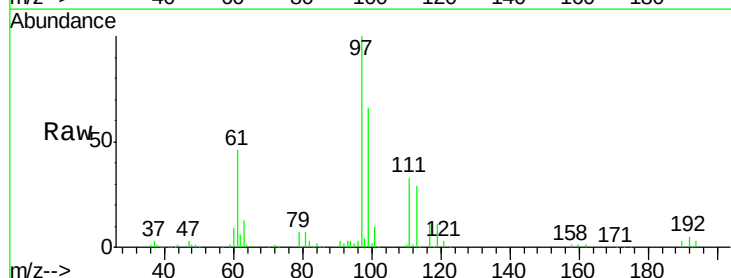
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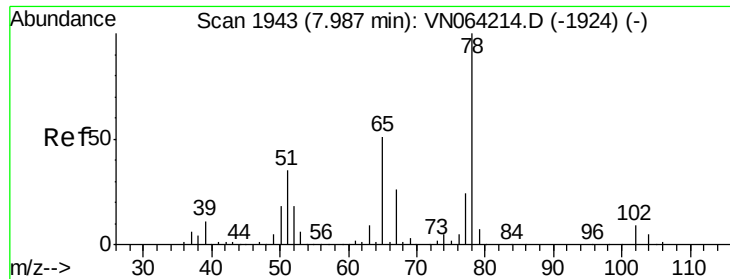
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#32
1,1,1-Trichloroethane
Concen: 53.474 ug/l
RT: 7.53 min Scan# 1801
Delta R.T. 0.00 min
Lab File: VN064214.D
Acq: 21 Oct 2020 11:45

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.2	76.8
61	45.4	36.3	54.5





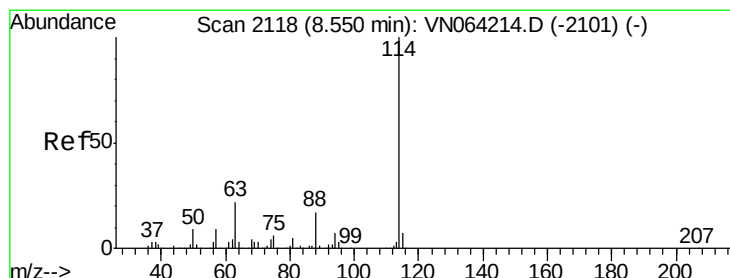
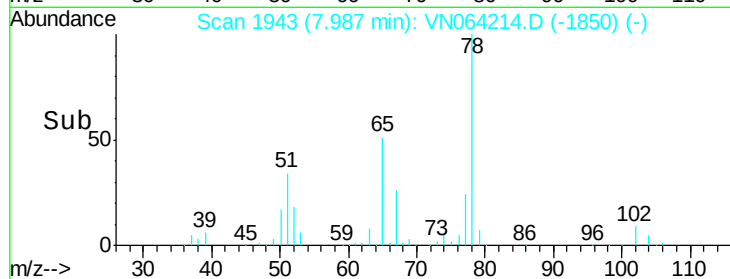
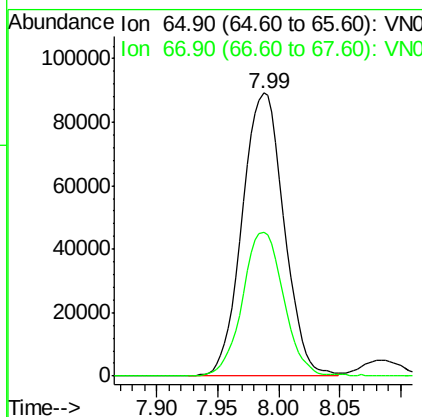
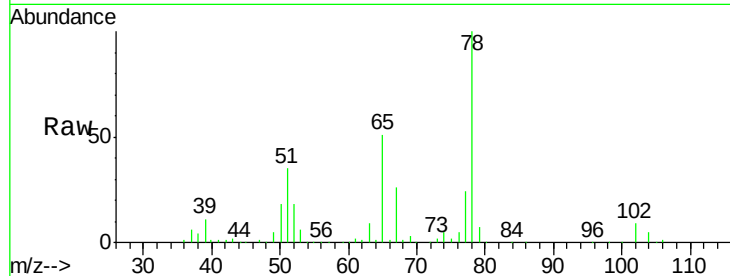
#33
 1,2-Dichloroethane-d4
 Concen: 49.940 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064214.D
 Acq: 21 Oct 2020 11:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	211559		
67	50.1	0.0	100.2	

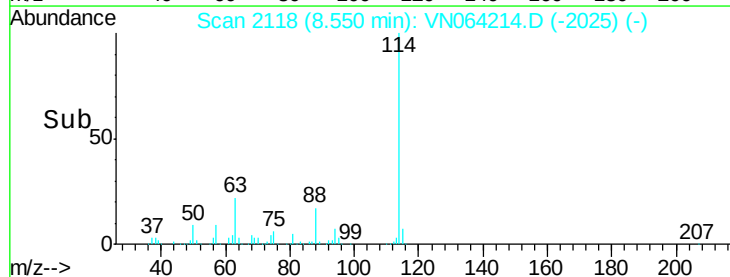
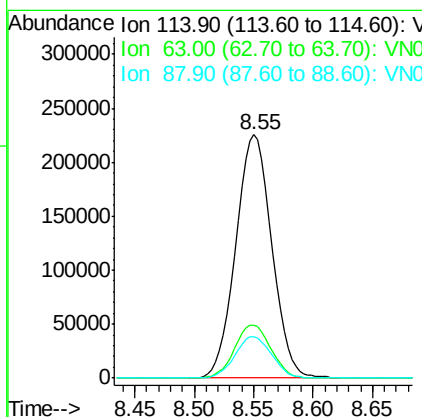
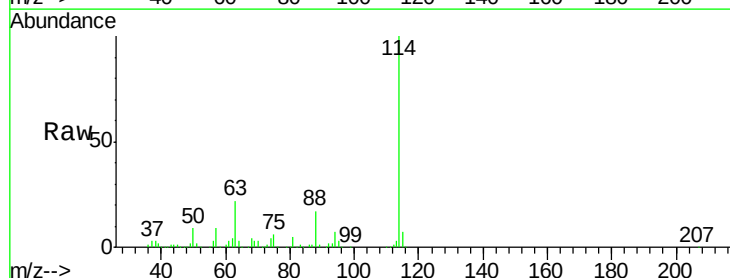
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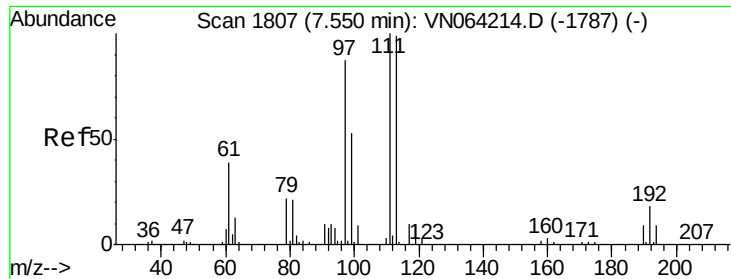
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064214.D
 Acq: 21 Oct 2020 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	473566		
63	22.0	0.0	44.0	
88	17.1	0.0	34.2	





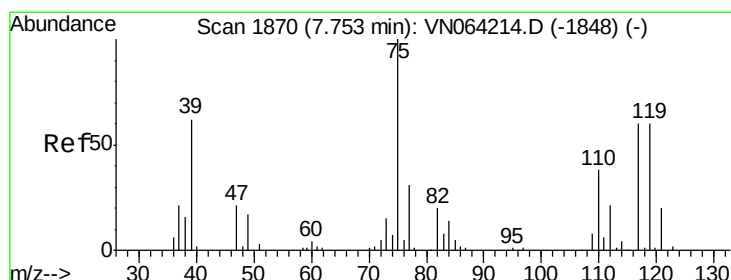
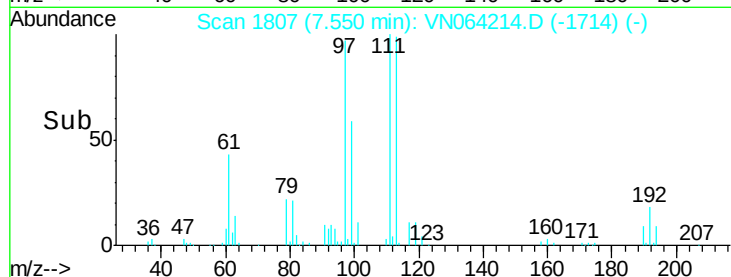
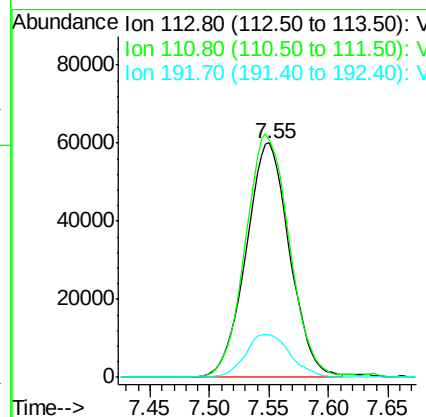
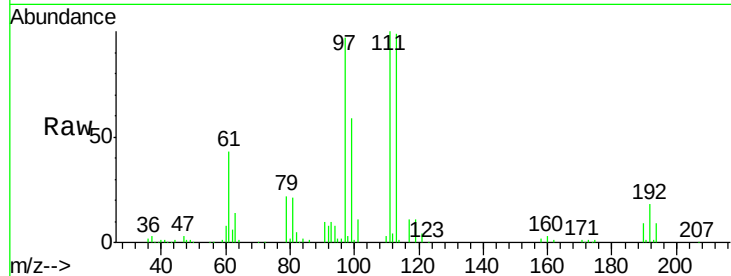
#35
 Dibromofluoromethane
 Concen: 46.376 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064214.D
 Acq: 21 Oct 2020 11:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	151756		
111	105.2	84.2	126.2	
192	19.0	15.2	22.8	

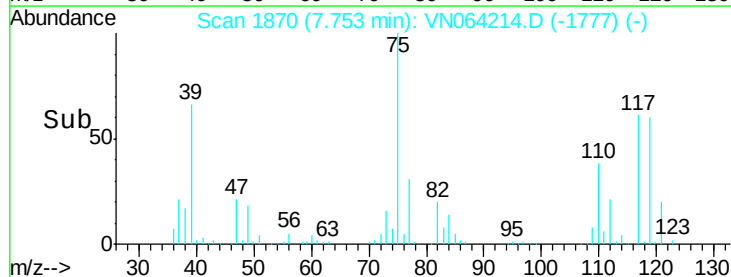
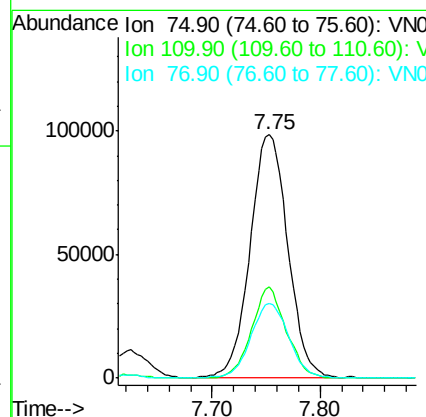
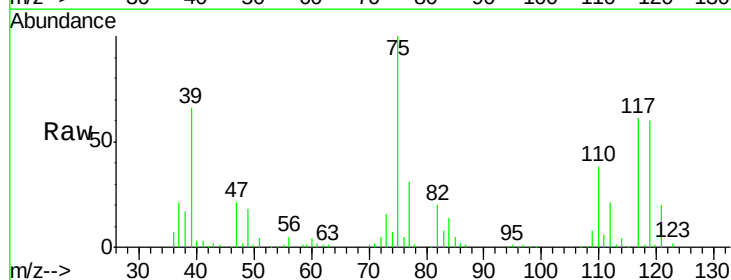
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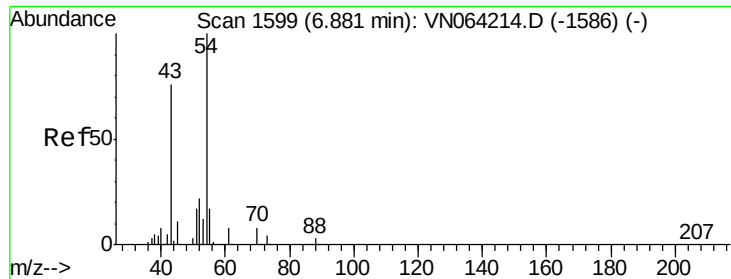
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#36
 1,1-Dichloropropene
 Concen: 51.822 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. 0.00 min
 Lab File: VN064214.D
 Acq: 21 Oct 2020 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	238571		
110	34.4	17.2	51.6	
77	31.1	24.9	37.3	





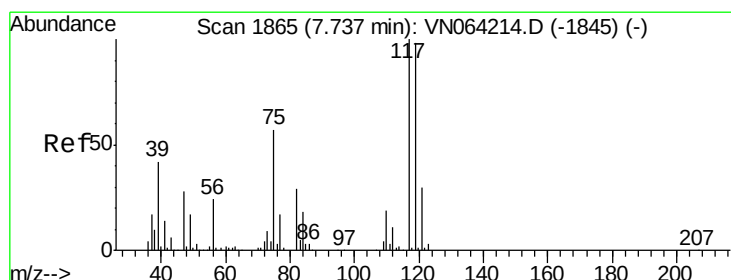
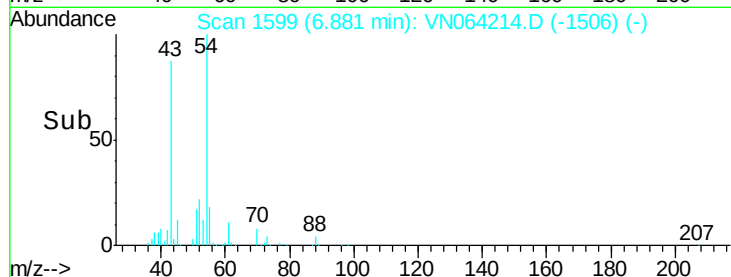
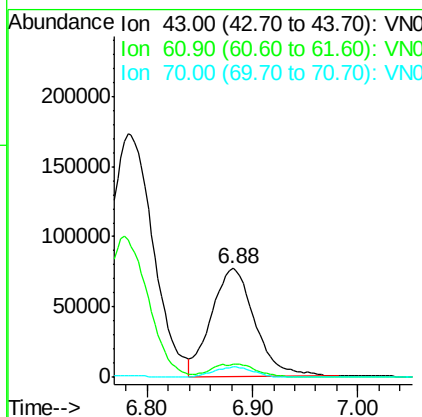
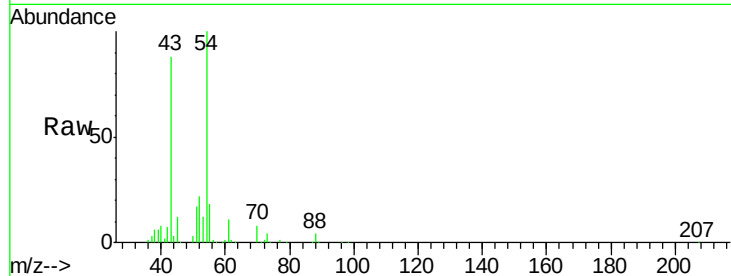
#37
Ethyl Acetate
Concen: 53.186 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VN064214.D
Acq: 21 Oct 2020 11:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.5	10.0	15.0
70	9.4	7.5	11.3

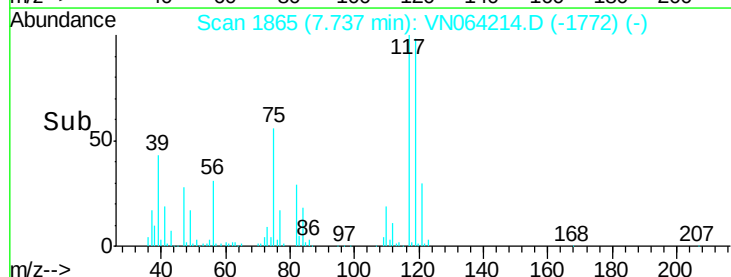
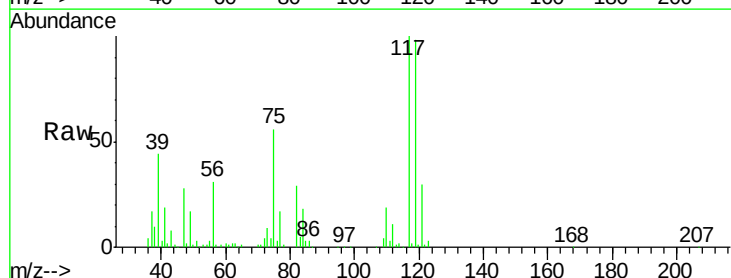
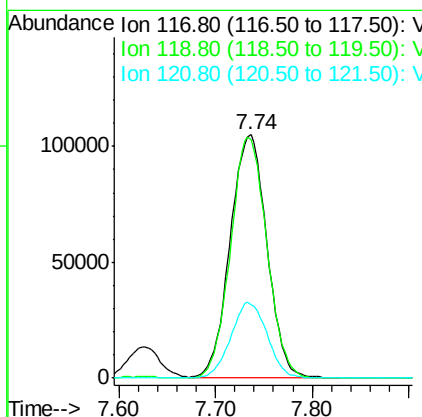
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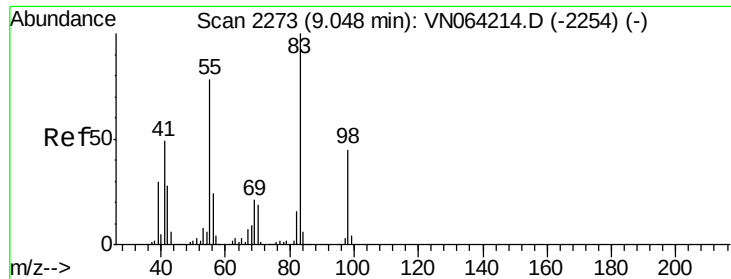
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#38
Carbon Tetrachloride
Concen: 54.927 ug/l
RT: 7.74 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN064214.D
Acq: 21 Oct 2020 11:45

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.1	78.5	117.7
121	30.4	24.3	36.5





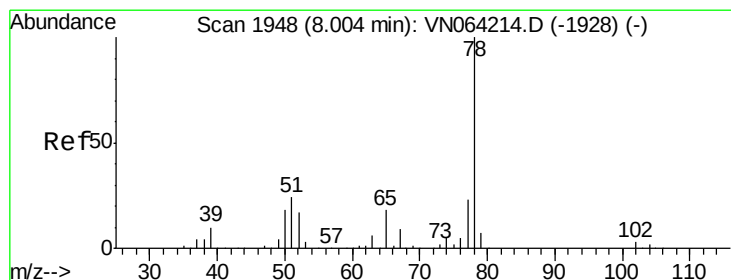
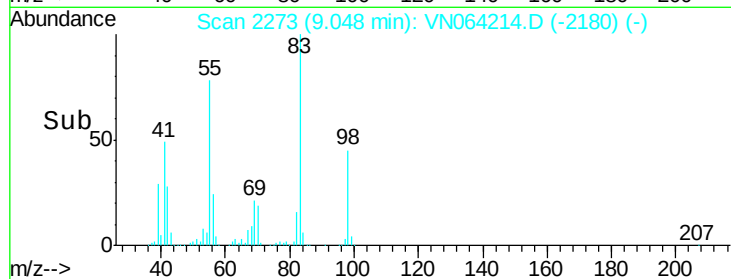
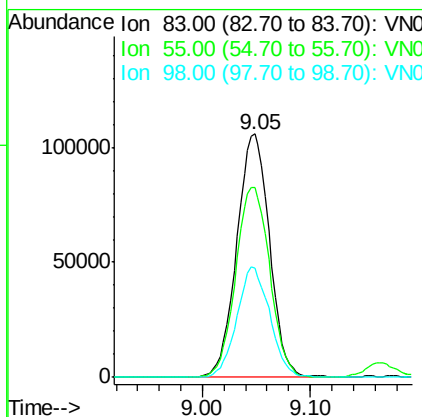
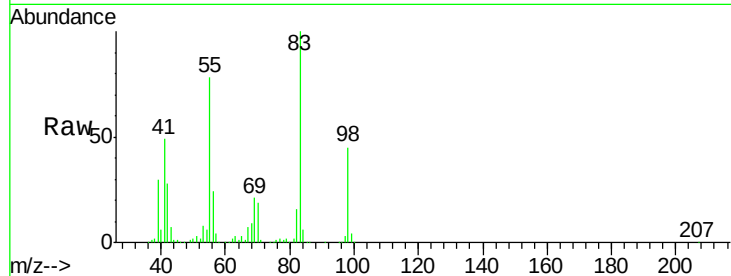
#39
Methylvlcyclohexane
Concen: 57.033 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN064214.D
Acq: 21 Oct 2020 11:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.7	62.2	93.2
98	44.9	35.9	53.9

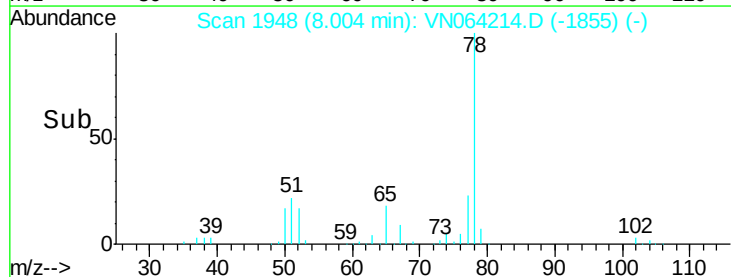
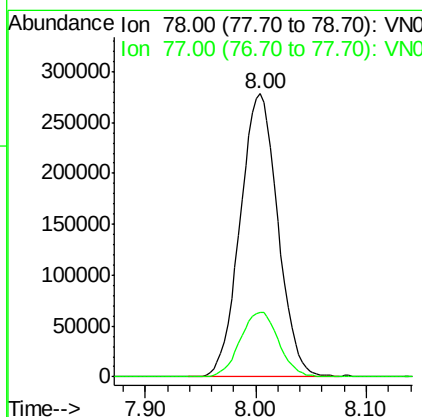
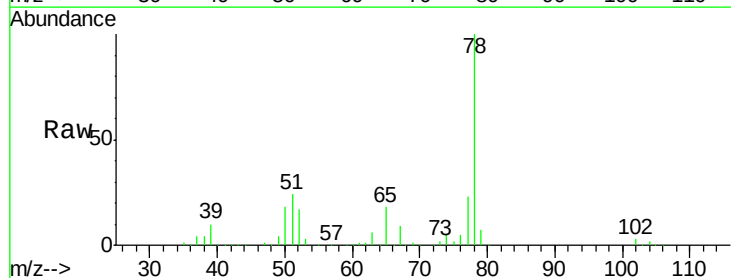
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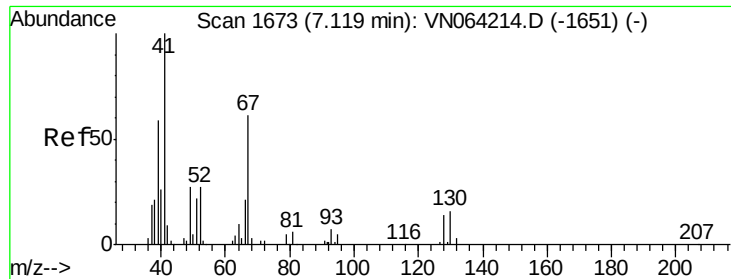
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#40
Benzene
Concen: 47.982 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN064214.D
Acq: 21 Oct 2020 11:45

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.9	18.3	27.5





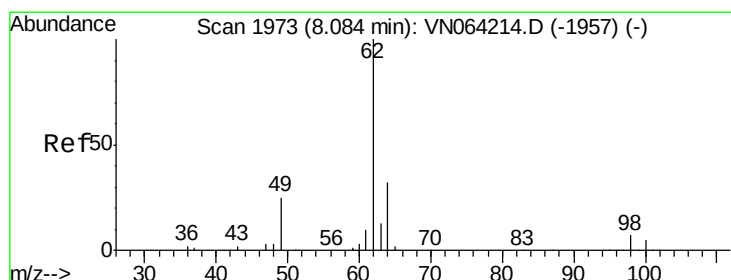
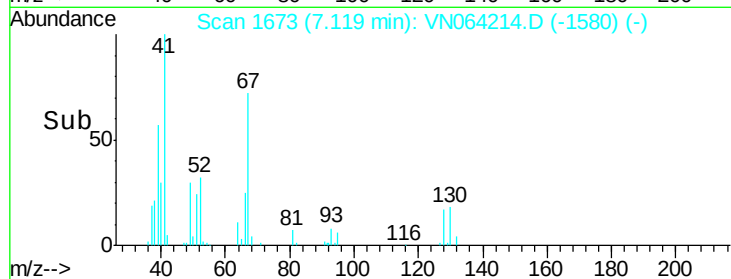
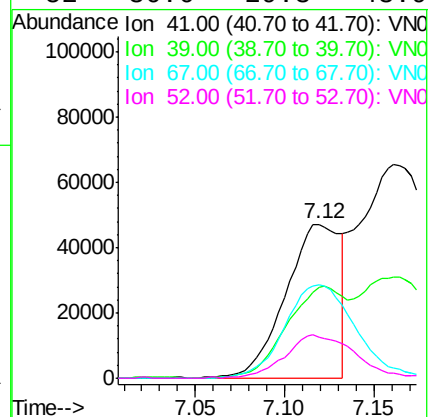
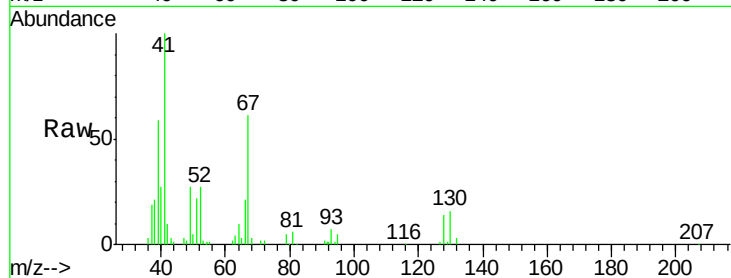
#41
Methacrylonitrile
Concen: 55.894 ug/l
RT: 7.12 min Scan# 1673
Delta R.T. 0.00 min
Lab File: VN064214.D
Acq: 21 Oct 2020 11:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	63.1	50.5	75.7	
67	79.0	63.2	94.8	
52	36.6	29.3	43.9	

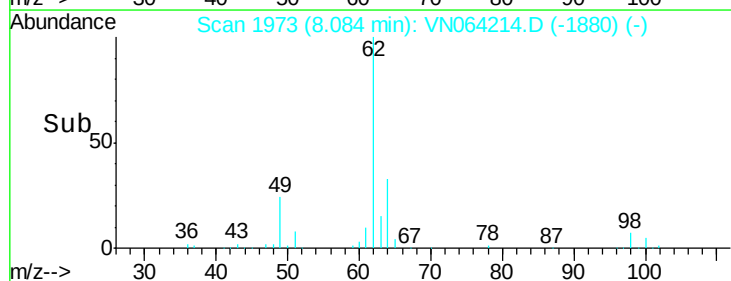
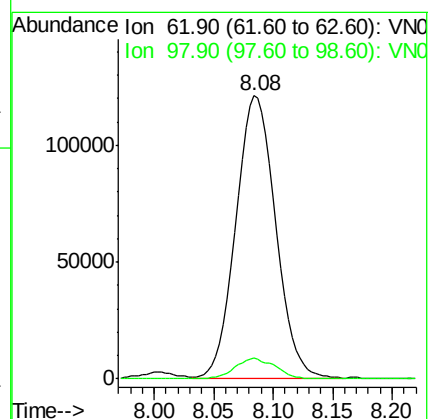
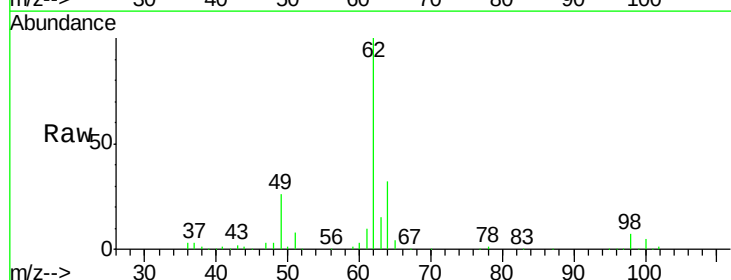
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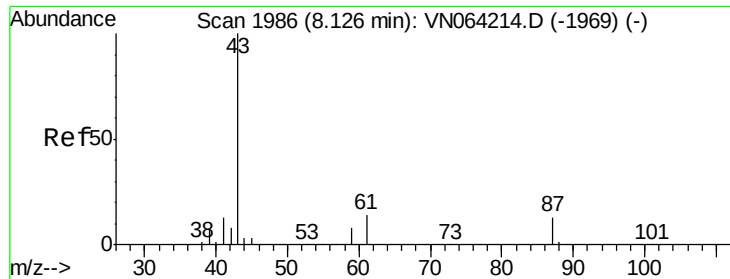
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#42
1,2-Dichloroethane
Concen: 55.821 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VN064214.D
Acq: 21 Oct 2020 11:45

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	7.5	0.0	15.0	





#43

Isopropyl Acetate

Concen: 57.793 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN064214.D

Acq: 21 Oct 2020 11:45

Instrument :

MSVOA_N

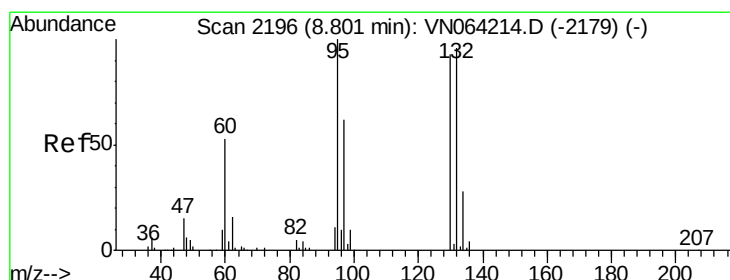
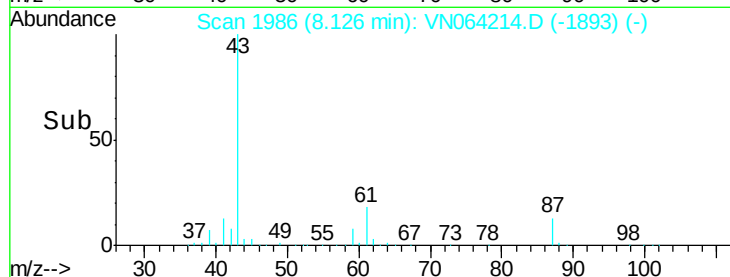
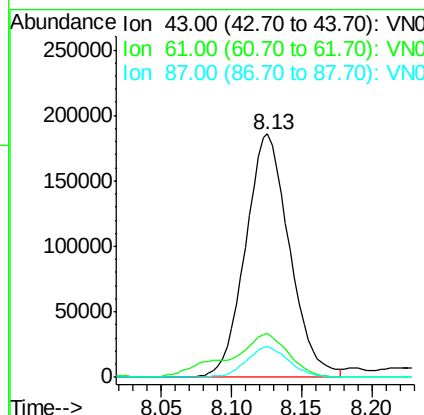
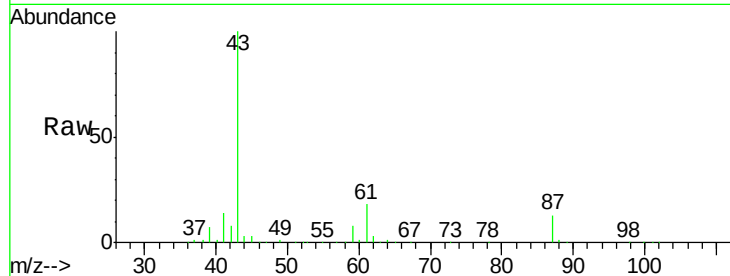
ClientSampleId :

VSTDICCC050

Tot Ion:	43	Resp:	401965
Ion	Ratio	Lower	Upper
43	100		
61	24.5	19.6	29.4
87	12.2	9.8	14.6

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#44

Trichloroethene

Concen: 49.401 ug/l

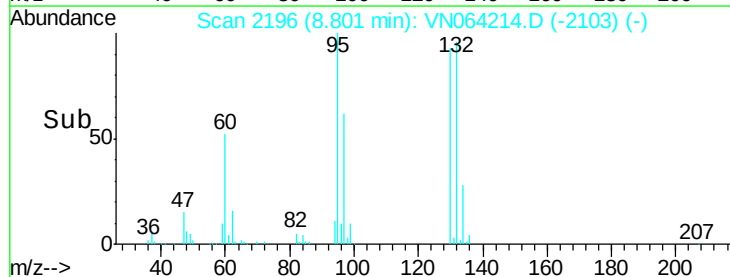
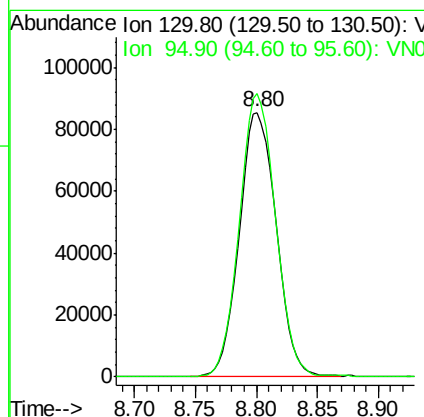
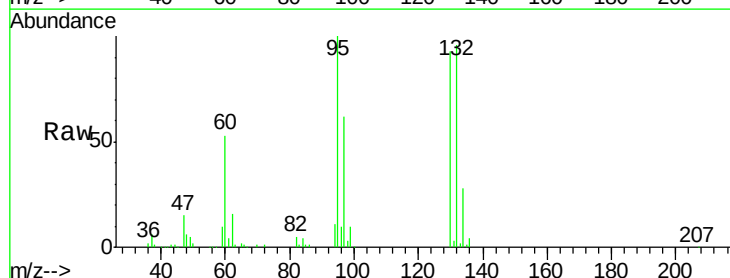
RT: 8.80 min Scan# 2196

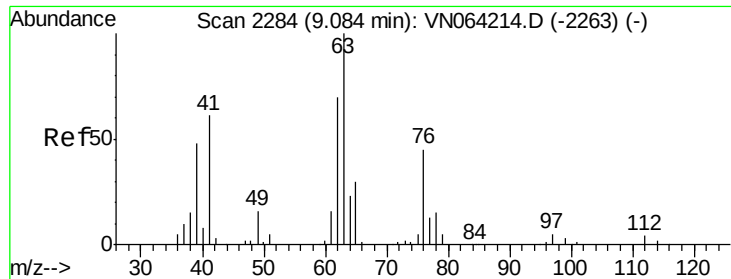
Delta R.T. 0.00 min

Lab File: VN064214.D

Acq: 21 Oct 2020 11:45

Tgt Ion:	130	Resp:	179162
Ion	Ratio	Lower	Upper
130	100		
95	107.0	0.0	214.0





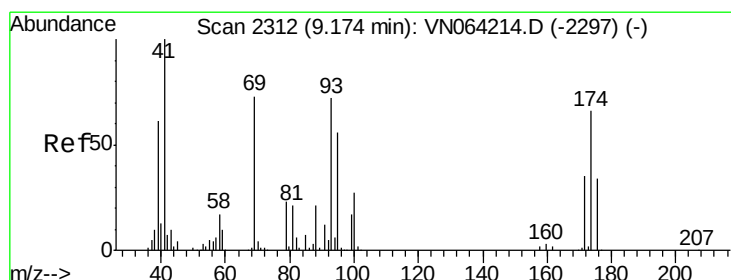
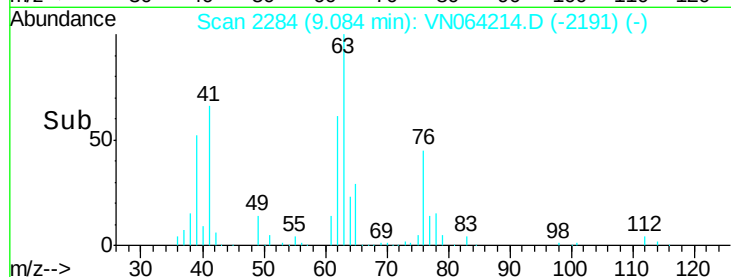
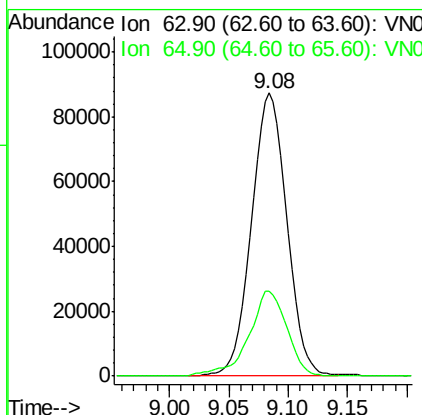
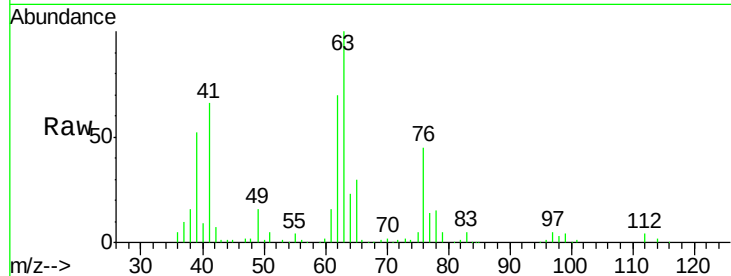
#45
 1,2-Dichloropropane
 Concen: 49.622 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN064214.D
 Acq: 21 Oct 2020 11:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion: 63 Resp: 180033
 Ion Ratio Lower Upper
 63 100
 65 30.0 24.0 36.0

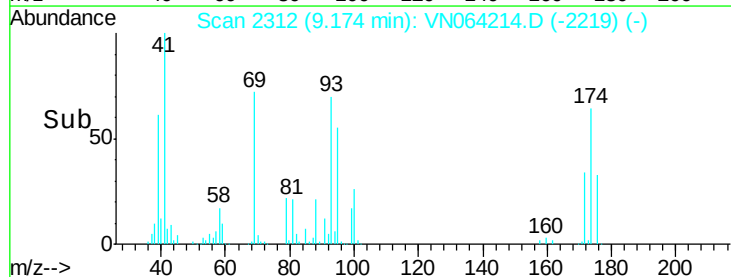
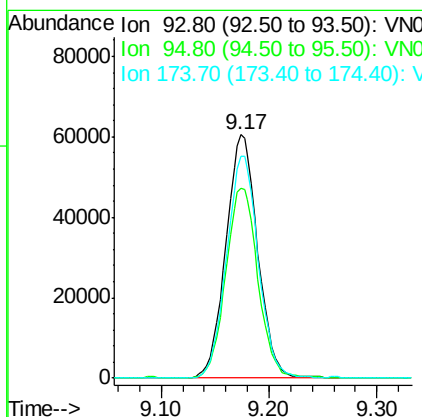
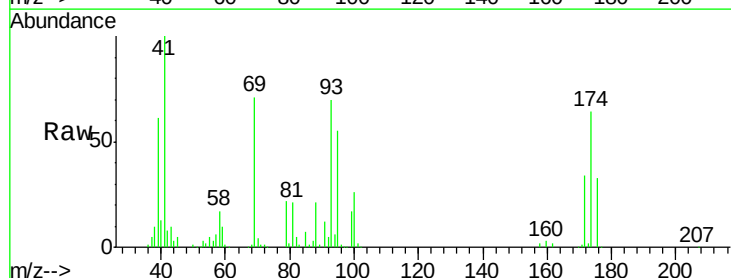
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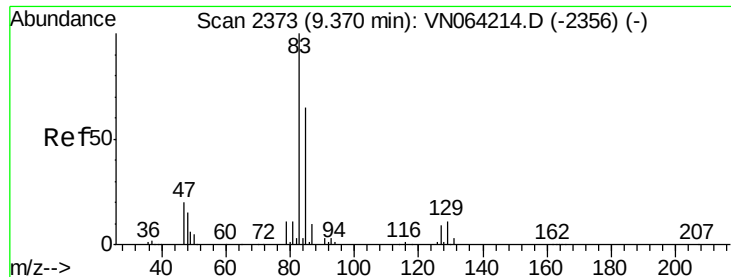
MMDadoda
 10/22/2020 3:25:18 PM



#46
 Dibromomethane
 Concen: 48.404 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN064214.D
 Acq: 21 Oct 2020 11:45

Tgt Ion: 93 Resp: 124237
 Ion Ratio Lower Upper
 93 100
 95 78.7 63.0 94.4
 174 91.1 72.9 109.3





#47

Bromodichloromethane

Concen: 53.179 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN064214.D

Acq: 21 Oct 2020 11:45

Instrument :

MSVOA_N

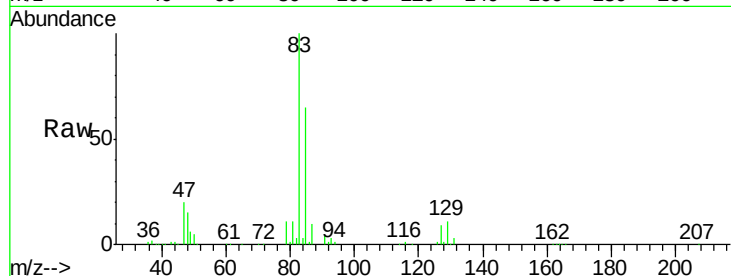
ClientSampleId :

VSTDICCC050

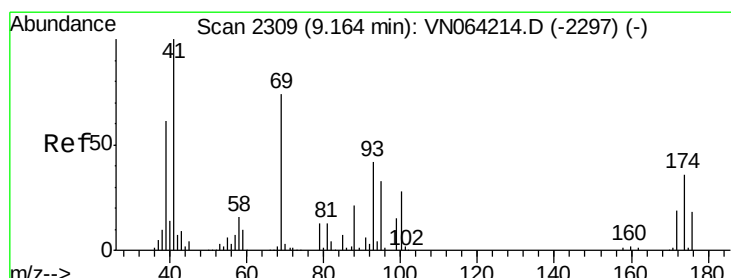
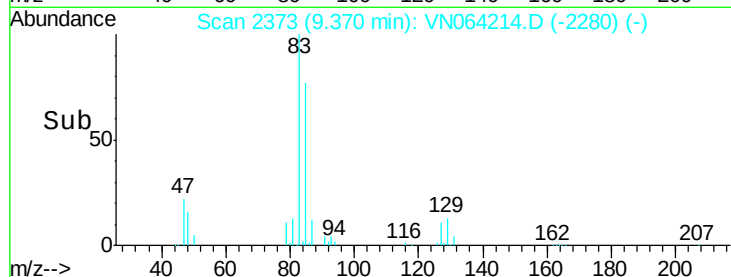
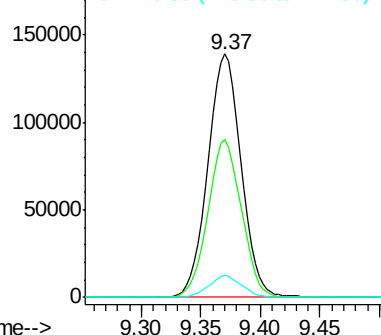
Tot Ion:	83	Resp:	269888
Ion	Ratio	Lower	Upper
83	100		
85	64.8	51.8	77.8
127	9.2	7.4	11.0

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Abundance Ion 82.90 (82.60 to 83.60): VN064214.D (-2356) (-)



#48

Methyl methacrylate

Concen: 63.707 ug/l

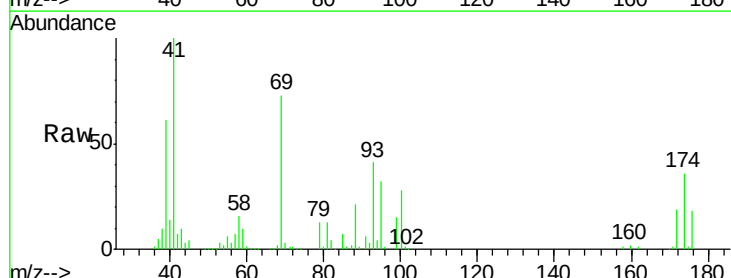
RT: 9.16 min Scan# 2309

Delta R.T. 0.00 min

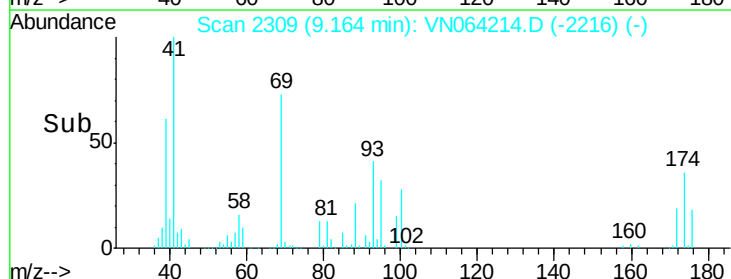
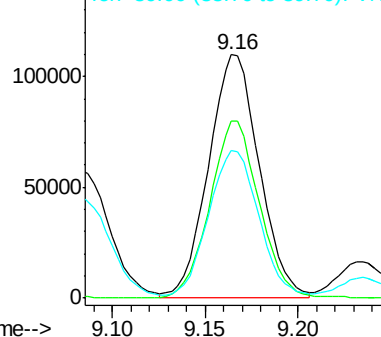
Lab File: VN064214.D

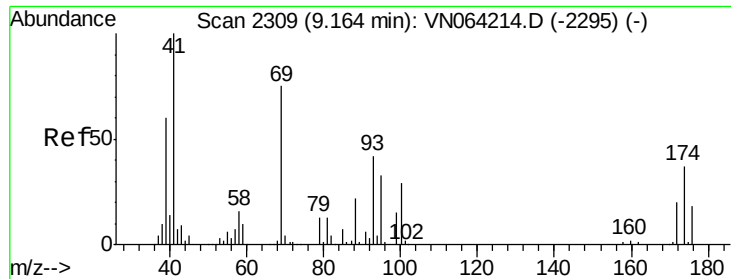
Acq: 21 Oct 2020 11:45

Tgt Ion:	41	Resp:	207585
Ion	Ratio	Lower	Upper
41	100		
69	71.6	57.3	85.9
39	60.8	48.6	73.0



Abundance Ion 41.00 (40.70 to 41.70): VN064214.D (-2297) (-)





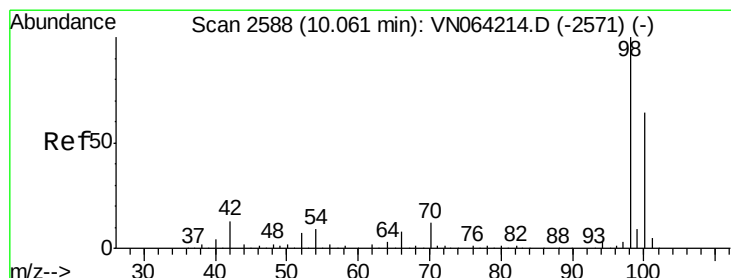
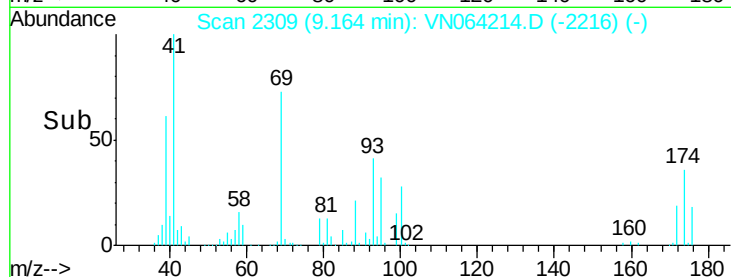
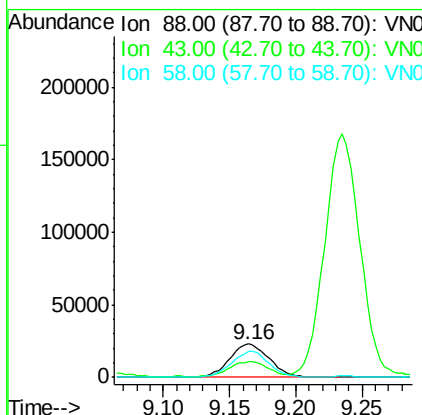
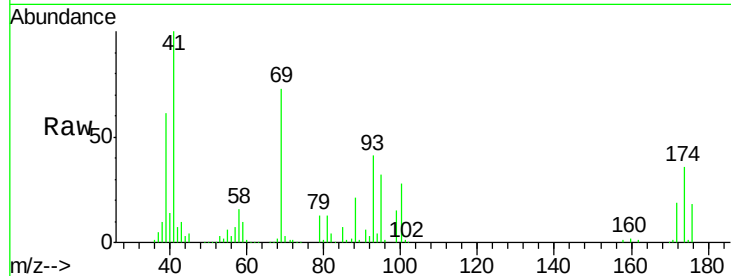
#49
1,4-Dioxane
Concen: 1002.029 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. 0.00 min
Lab File: VN064214.D
Acq: 21 Oct 2020 11:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	88	Resp	47903
Ion Ratio	Lower	Upper	
88	100		
43	43.3	34.6	52.0
58	73.8	59.0	88.6

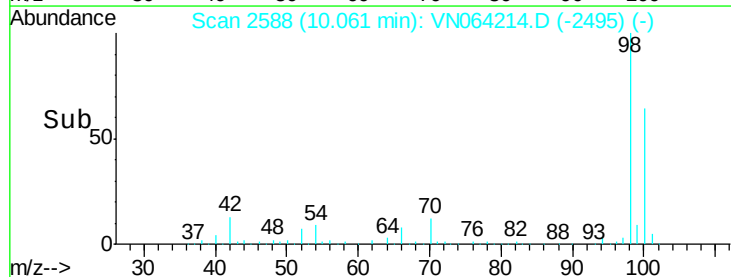
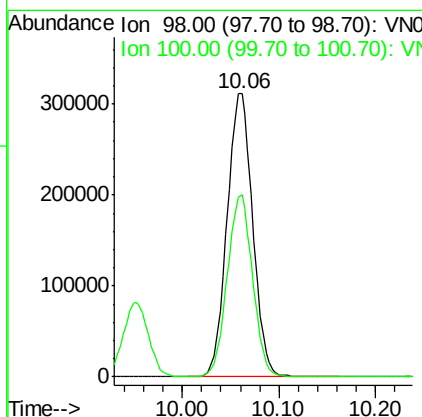
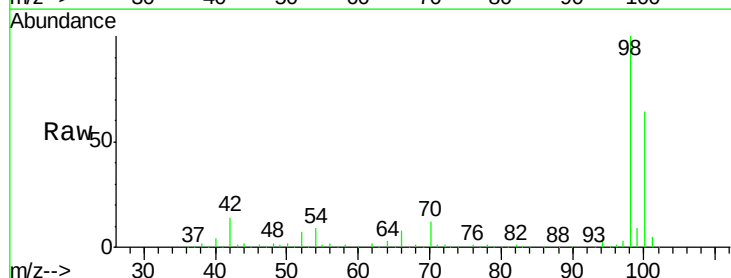
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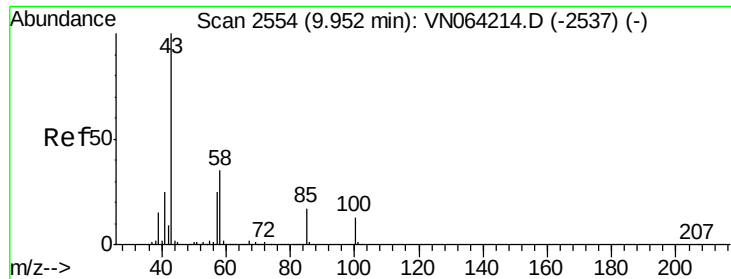
MMDadoda
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#50
Toluene-d8
Concen: 46.489 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN064214.D
Acq: 21 Oct 2020 11:45

Tgt Ion	98	Resp	572495
Ion Ratio	Lower	Upper	
98	100		
100	63.5	50.8	76.2





#51

4-Methyl-2-Pentanone

Concen: 274.573 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN064214.D

Acq: 21 Oct 2020 11:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 1108735

Ion Ratio Lower Upper

43 100

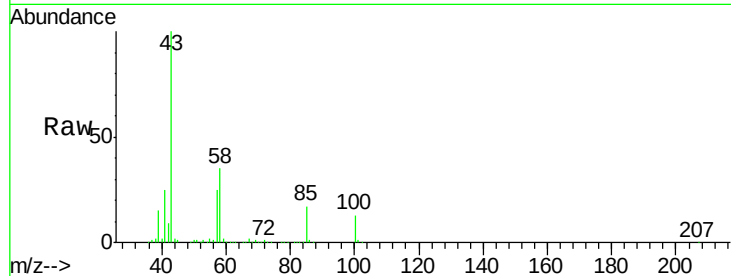
58 35.7 28.6 42.8

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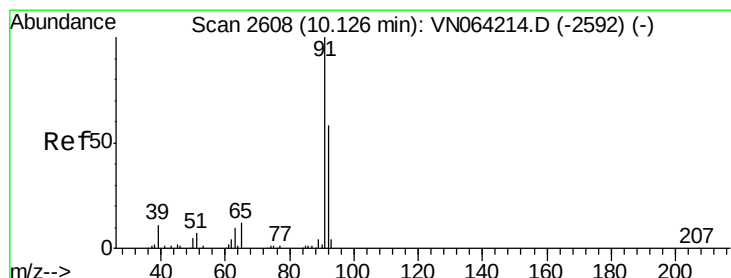
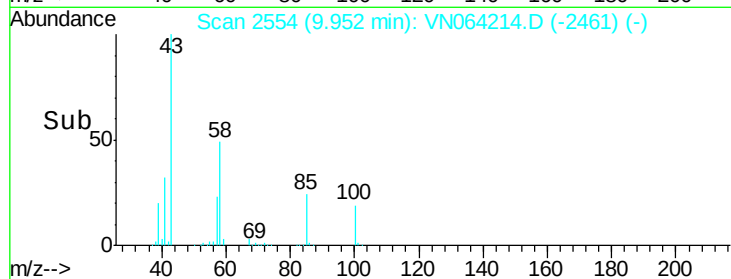
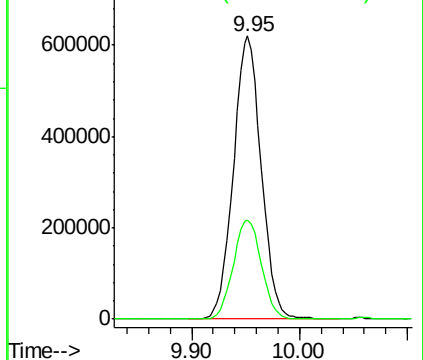
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 50.479 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN064214.D

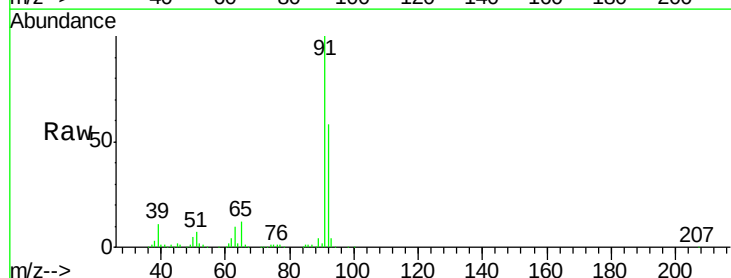
Acq: 21 Oct 2020 11:45

Tgt Ion: 92 Resp: 426474

Ion Ratio Lower Upper

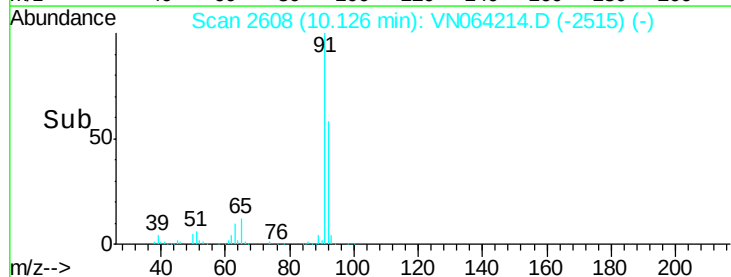
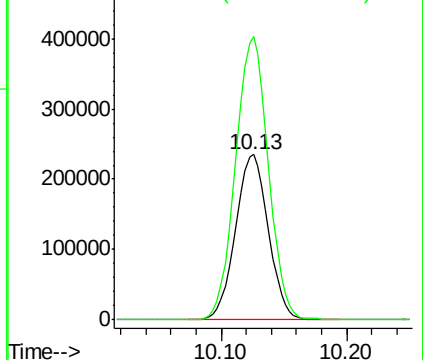
92 100

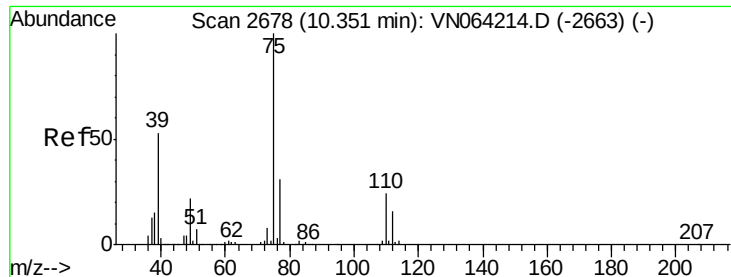
91 171.8 137.4 206.2



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





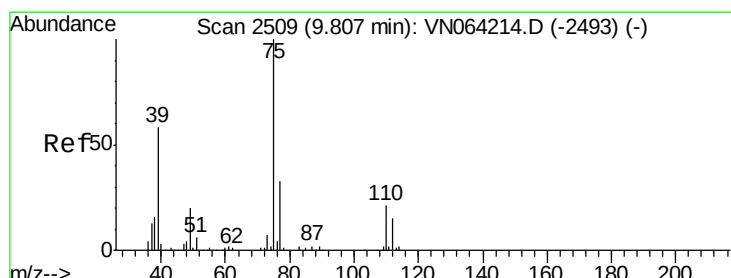
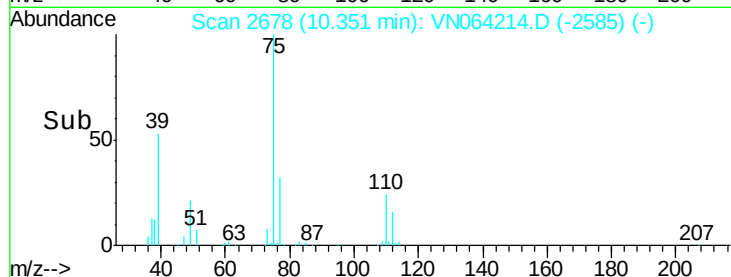
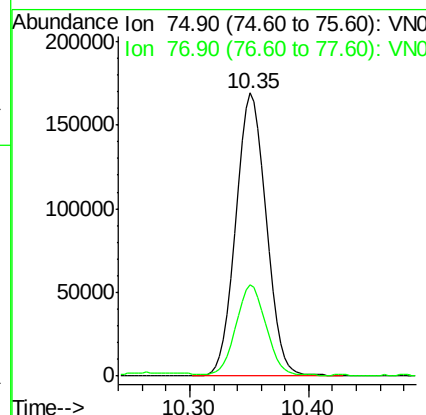
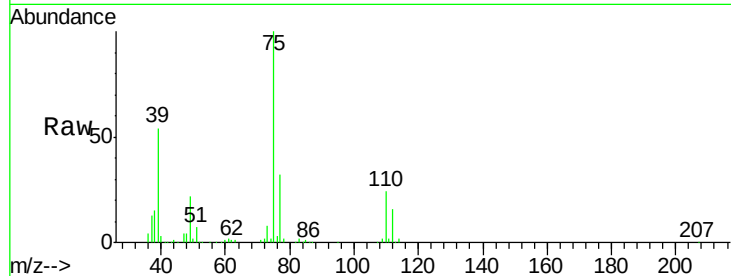
#53
t-1,3-Dichloropropene
Concen: 57.028 ug/l
RT: 10.35 min Scan# 2678
Delta R.T. 0.00 min
Lab File: VN064214.D
Acq: 21 Oct 2020 11:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.4	38.2

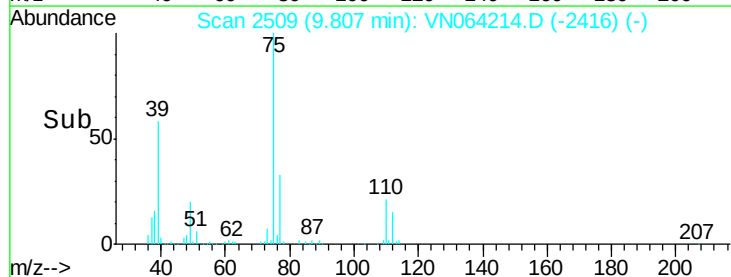
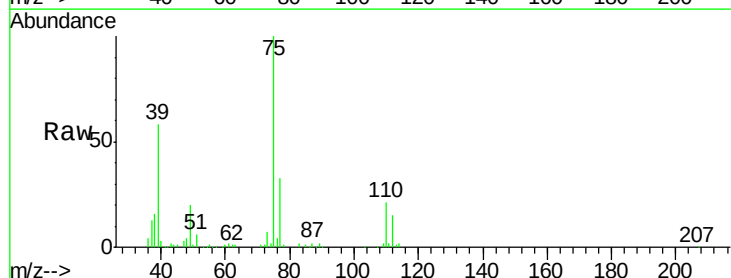
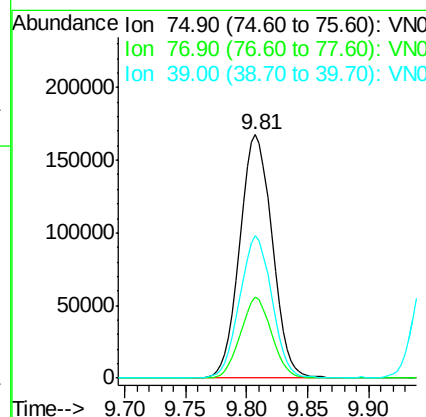
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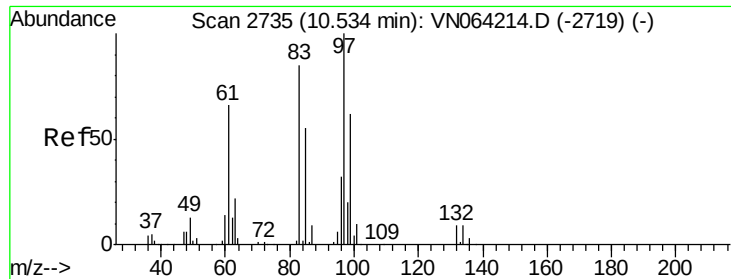
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 53.921 ug/l
RT: 9.81 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VN064214.D
Acq: 21 Oct 2020 11:45

Tgt Ion	Ratio	Lower	Upper
75	100		
77	33.2	26.6	39.8
39	58.4	46.7	70.1





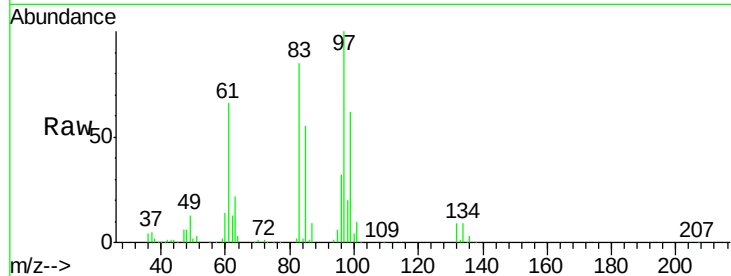
#55
 1,1,2-Trichloroethane
 Concen: 47.149 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN064214.D
 Acq: 21 Oct 2020 11:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion	97	Resp	164280
Ion Ratio	Lower	Upper	
97	100		
83	84.7	67.8	101.6
85	54.5	43.6	65.4
99	62.4	49.9	74.9

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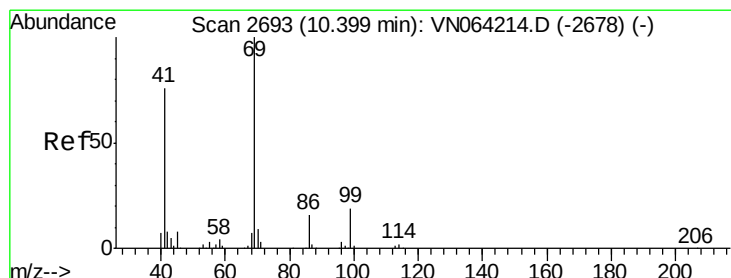
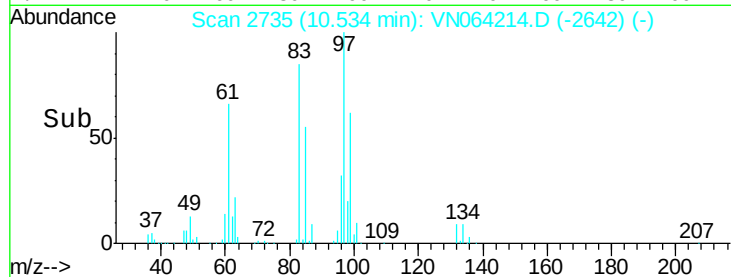
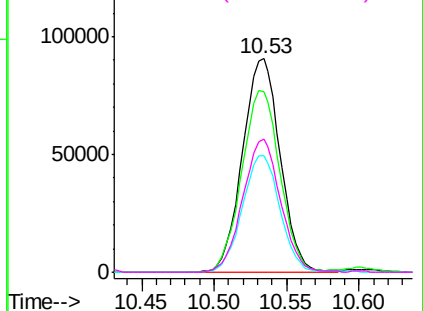


Abundance Ion 96.90 (96.60 to 97.60): VN064214.D (-2719) (-)

Ion 82.90 (82.60 to 83.60): VN064214.D (-2719) (-)

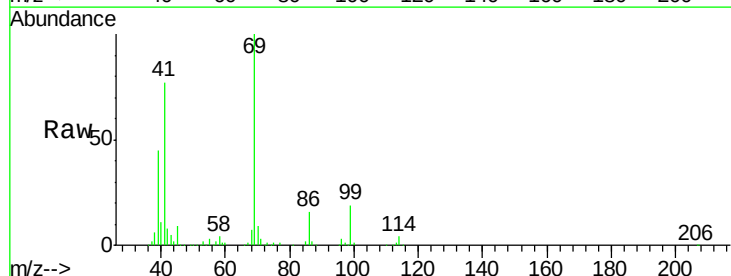
Ion 84.90 (84.60 to 85.60): VN064214.D (-2719) (-)

Ion 98.90 (98.60 to 99.60): VN064214.D (-2719) (-)



#56
 Ethyl methacrylate
 Concen: 56.444 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN064214.D
 Acq: 21 Oct 2020 11:45

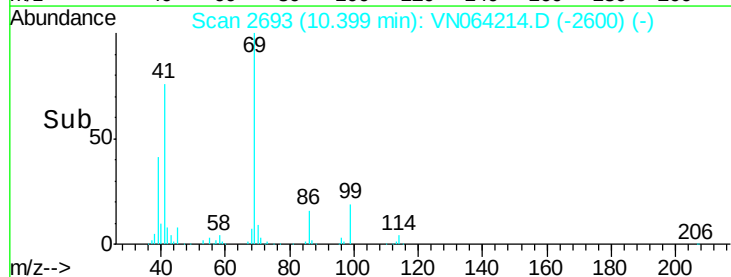
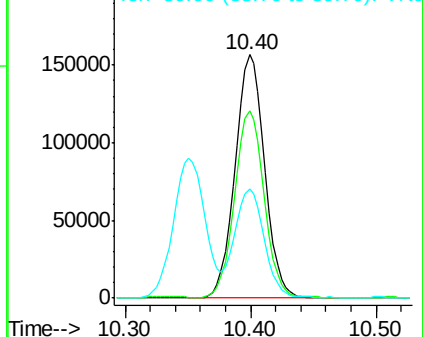
Tgt Ion	69	Resp	255404
Ion Ratio	Lower	Upper	
69	100		
41	76.8	61.4	92.2
39	45.0	36.0	54.0

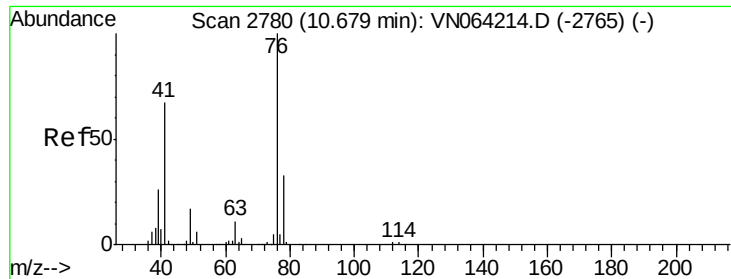


Abundance Ion 69.00 (68.70 to 69.70): VN064214.D (-2678) (-)

Ion 41.00 (40.70 to 41.70): VN064214.D (-2678) (-)

Ion 39.00 (38.70 to 39.70): VN064214.D (-2678) (-)





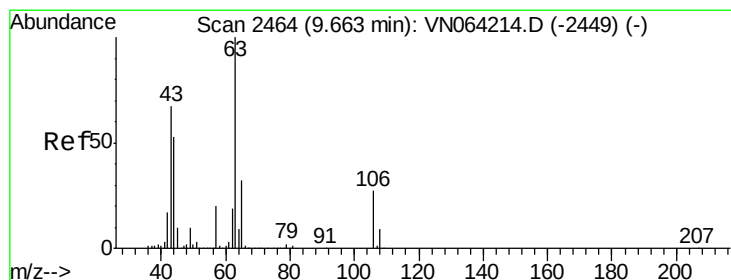
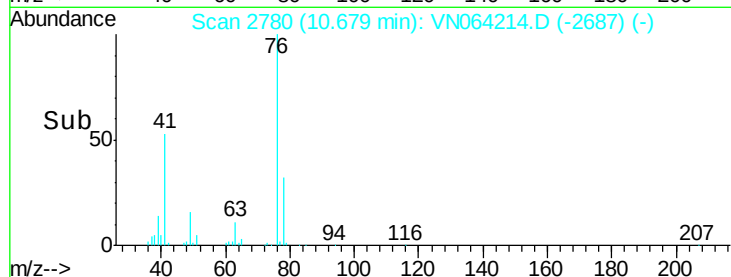
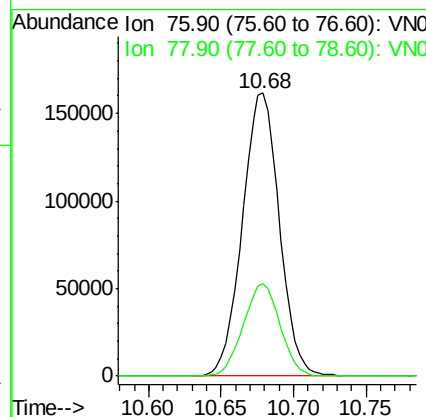
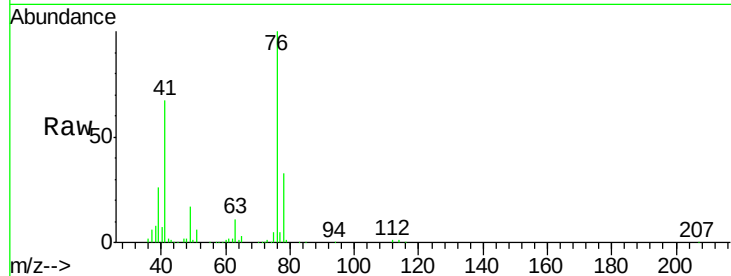
#57
 1,3-Dichloropropane
 Concen: 49.558 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. 0.00 min
 Lab File: VN064214.D
 Acq: 21 Oct 2020 11:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion: 76 Resp: 286599
 Ion Ratio Lower Upper
 76 100
 78 32.7 26.2 39.2

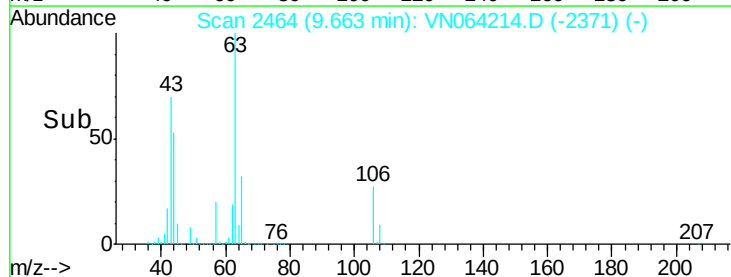
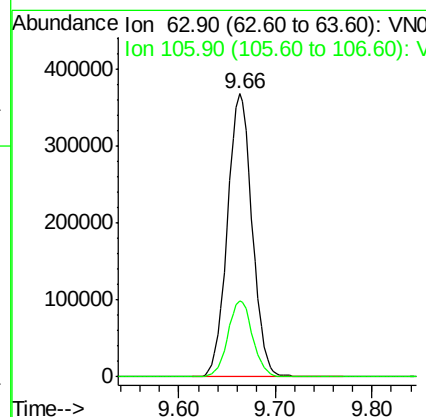
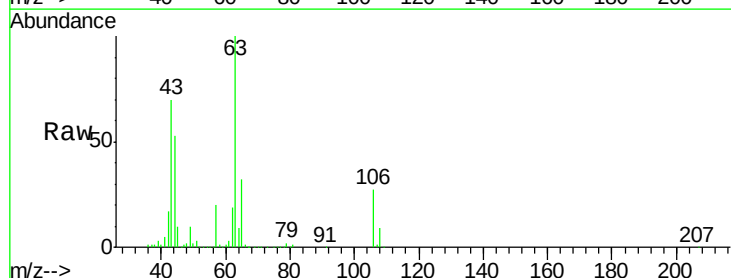
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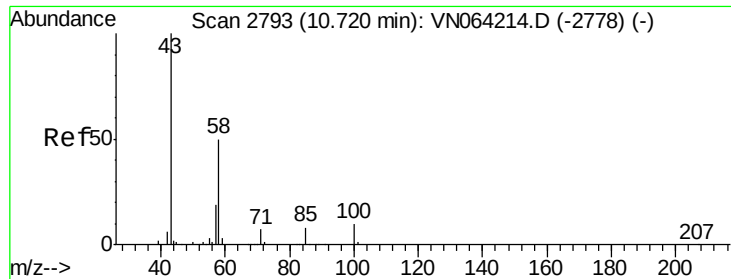
MMDadoda
 10/22/2020 3:25:18 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 288.237 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN064214.D
 Acq: 21 Oct 2020 11:45

Tgt Ion: 63 Resp: 653599
 Ion Ratio Lower Upper
 63 100
 106 26.6 21.3 31.9





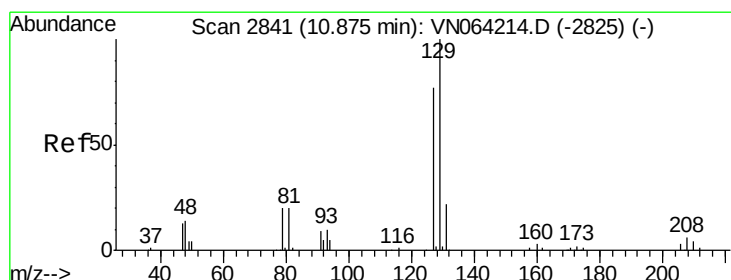
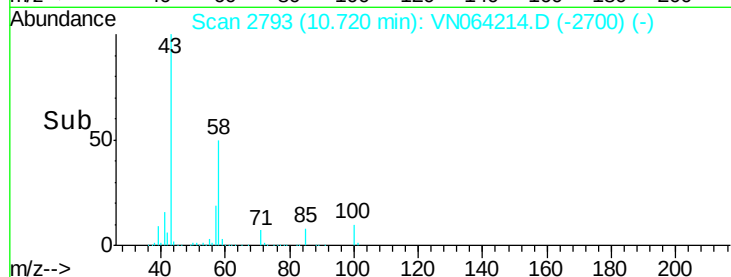
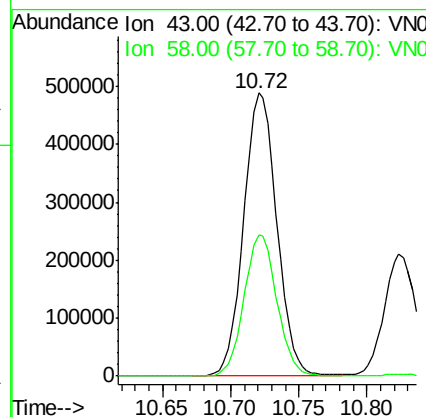
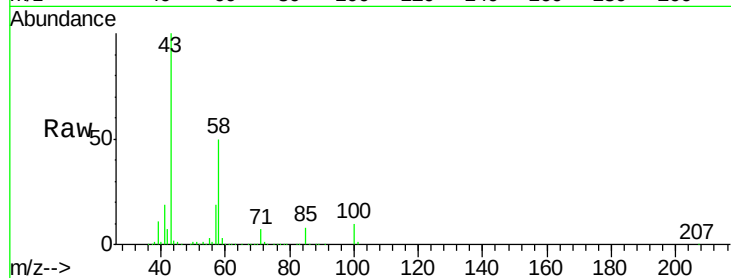
#59
2-Hexanone
Concen: 288.575 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN064214.D
Acq: 21 Oct 2020 11:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	43	Resp	820735
Ion Ratio	43	100	
Lower	58	49.5	24.8
Upper			74.3

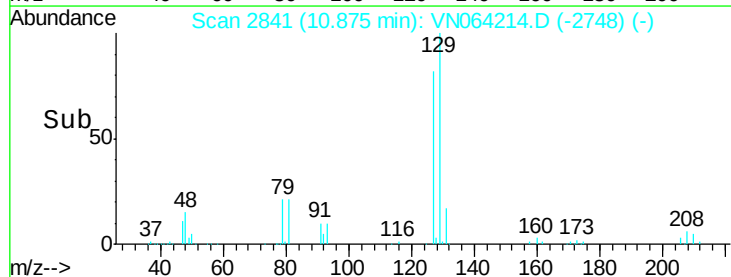
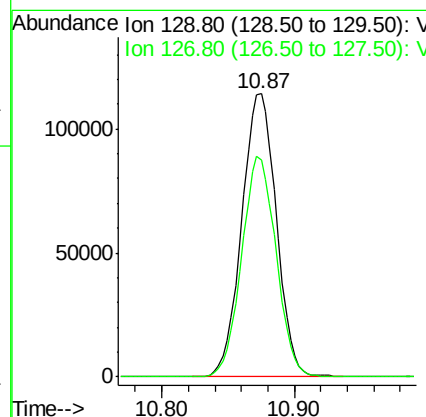
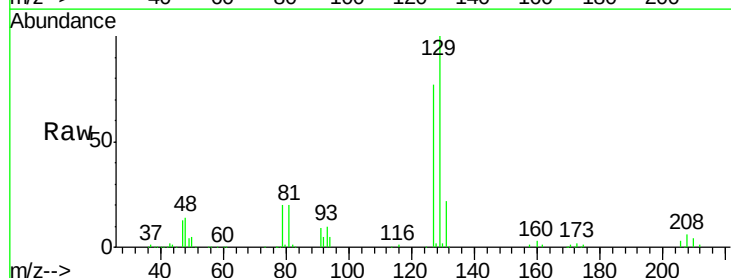
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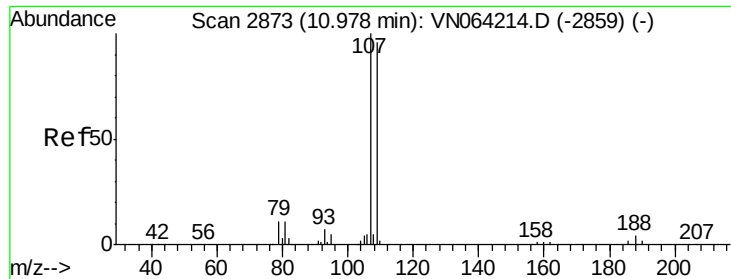
MMDadoda
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#60
Dibromochloromethane
Concen: 52.156 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN064214.D
Acq: 21 Oct 2020 11:45

Tgt Ion	129	Resp	206958
Ion Ratio	129	100	
Lower	127	77.5	38.8
Upper			116.3





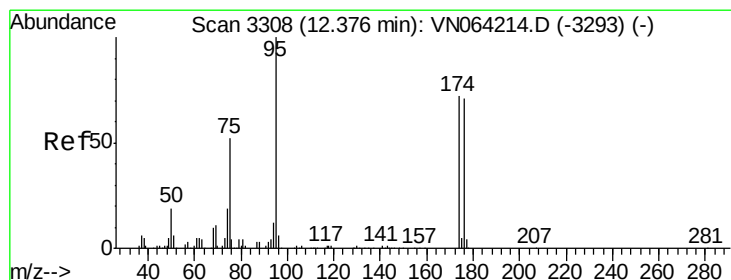
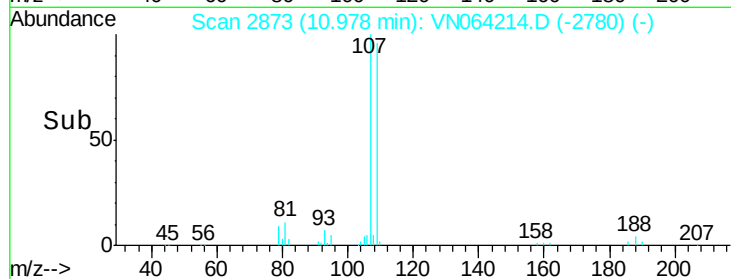
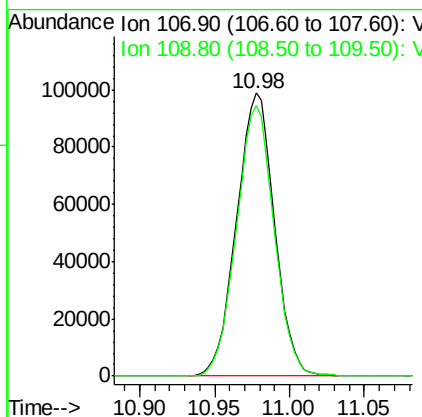
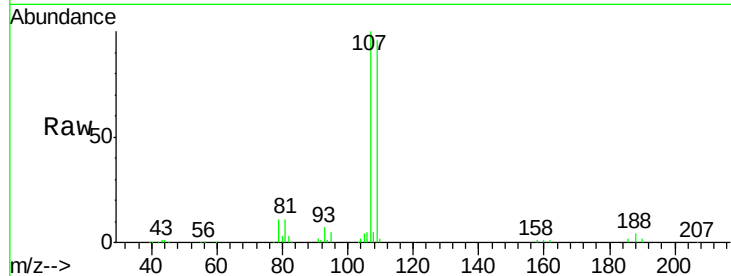
#61
 1,2-Dibromoethane
 Concen: 49.147 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN064214.D
 Acq: 21 Oct 2020 11:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.3	76.2	114.4

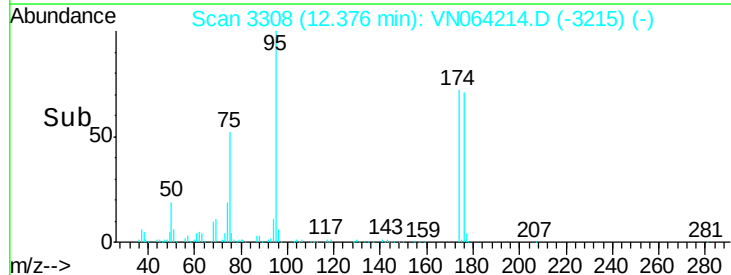
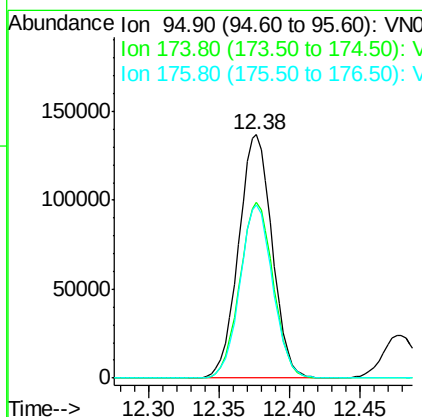
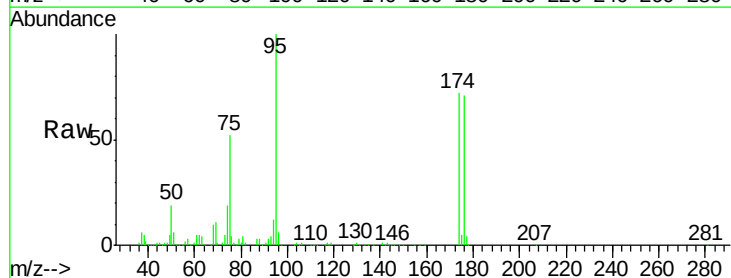
Manual Integrations
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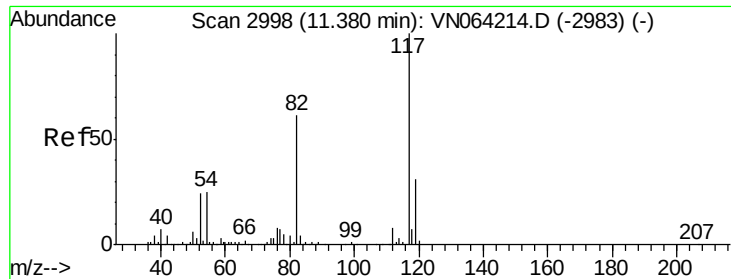
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 10/22/2020 3:25:18 PM



#62
 4-Bromofluorobenzene
 Concen: 52.366 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: VN064214.D
 Acq: 21 Oct 2020 11:45

Tgt Ion	Ratio	Lower	Upper
95	100		
174	72.2	0.0	144.4
176	69.6	0.0	139.2





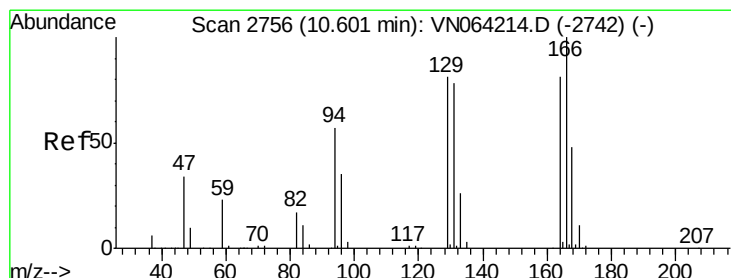
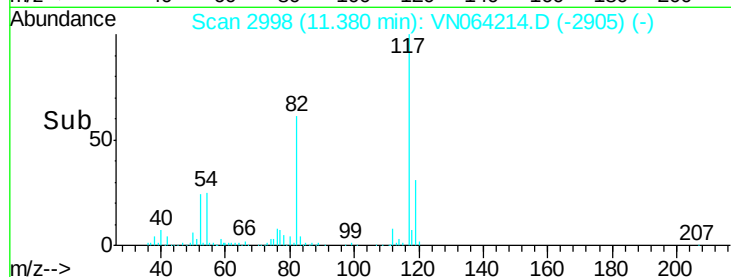
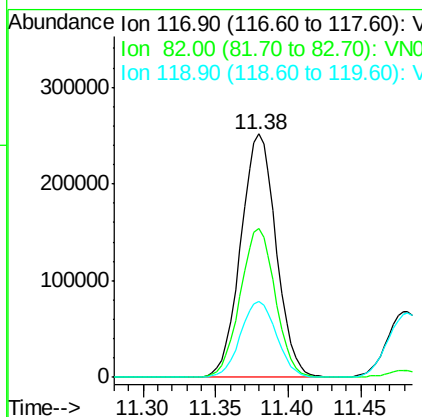
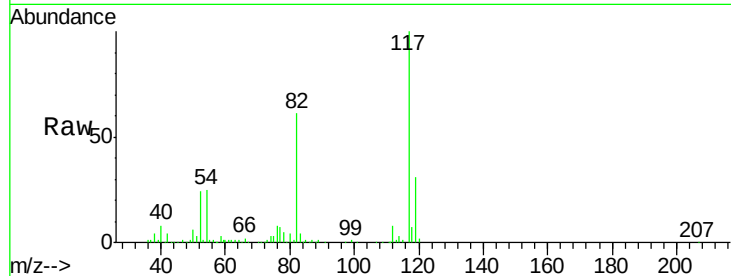
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064214.D
Acq: 21 Oct 2020 11:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	61.0	48.8	73.2
119	30.9	24.7	37.1

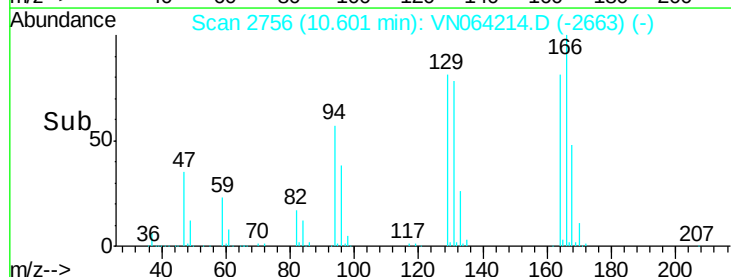
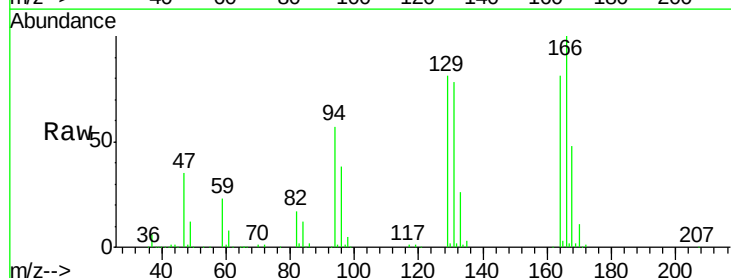
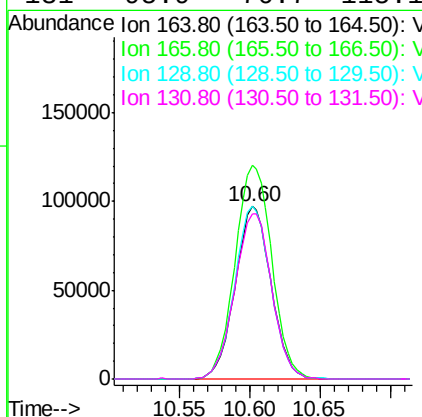
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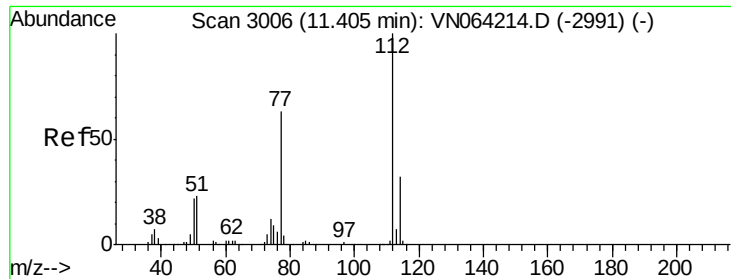
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#64
Tetrachloroethene
Concen: 53.108 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN064214.D
Acq: 21 Oct 2020 11:45

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.6	98.9	148.3
129	99.9	79.9	119.9
131	95.9	76.7	115.1





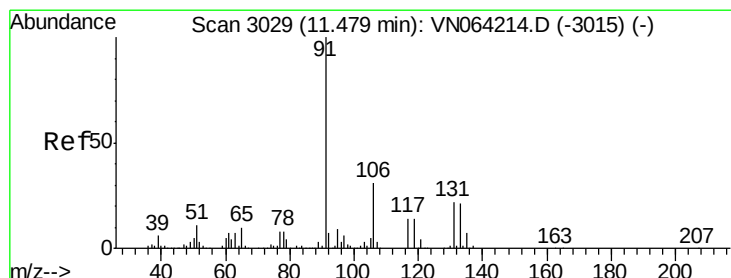
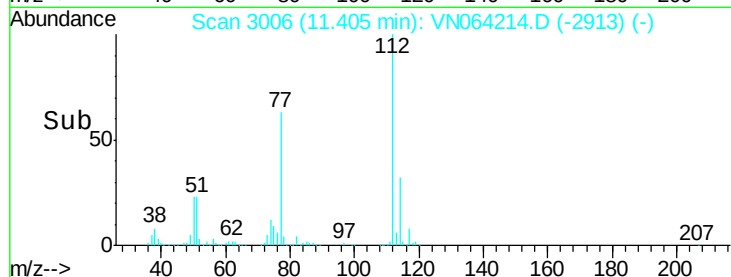
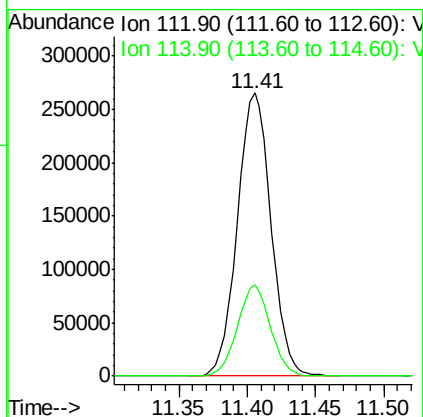
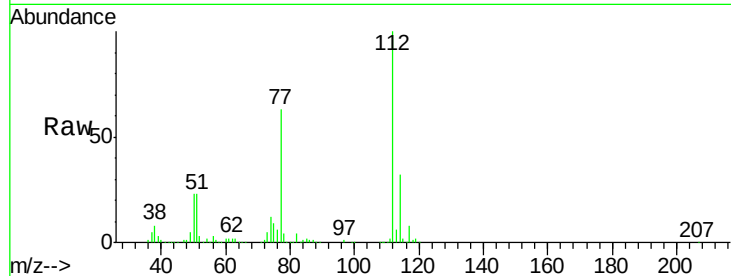
#65
Chlorobenzene
Concen: 50.461 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN064214.D
Acq: 21 Oct 2020 11:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion:112 Resp: 454806
Ion Ratio Lower Upper
112 100
114 32.1 25.7 38.5

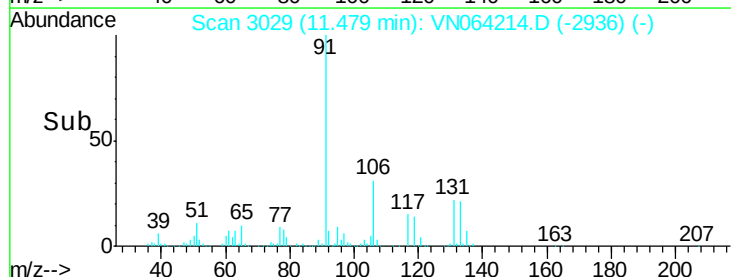
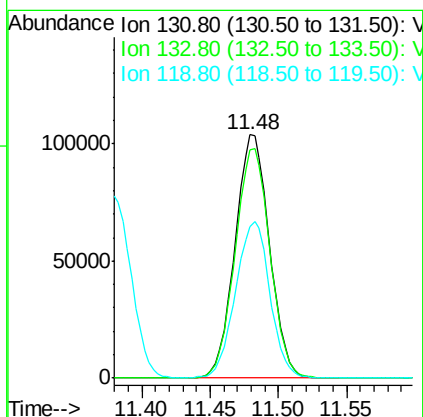
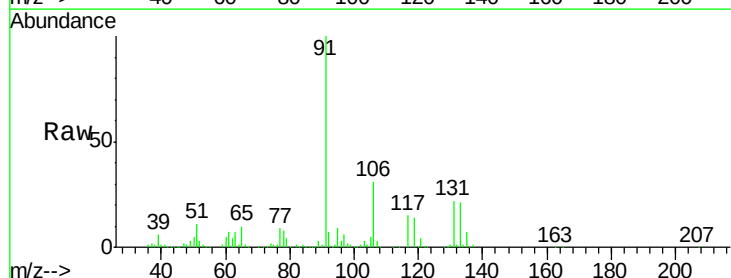
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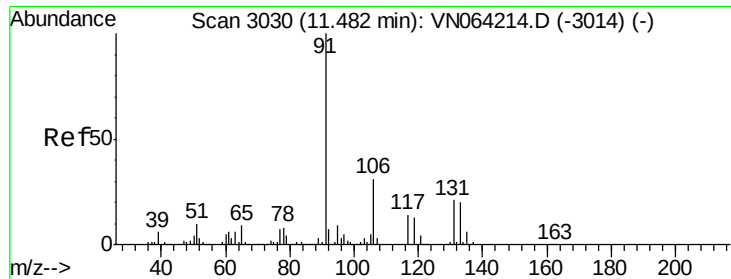
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.866 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN064214.D
Acq: 21 Oct 2020 11:45

Tgt Ion:131 Resp: 182174
Ion Ratio Lower Upper
131 100
133 95.6 47.8 143.4
119 64.4 32.2 96.6





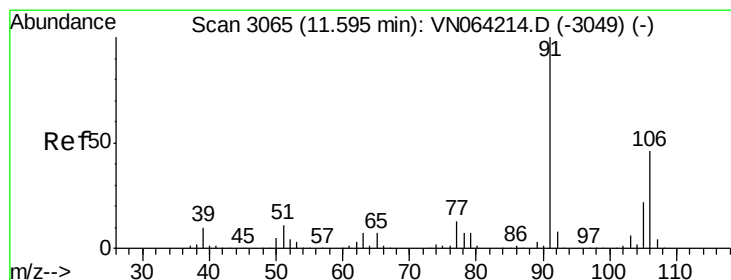
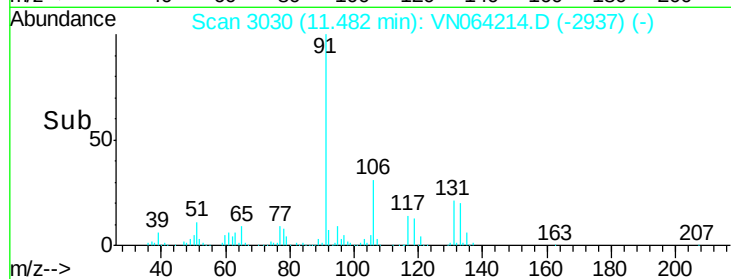
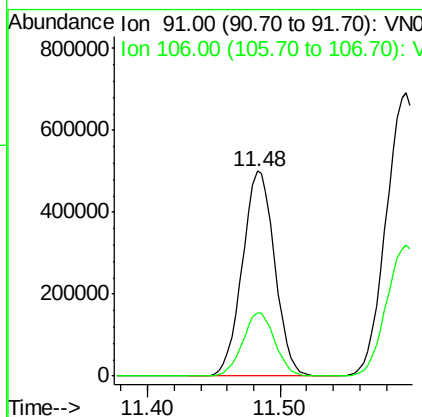
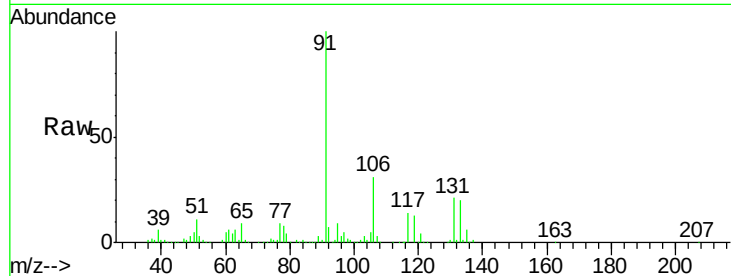
#67
Ethyl Benzene
Concen: 55.448 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064214.D
Acq: 21 Oct 2020 11:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion: 91 Resp: 846309
Ion Ratio Lower Upper
91 100
106 31.0 24.8 37.2

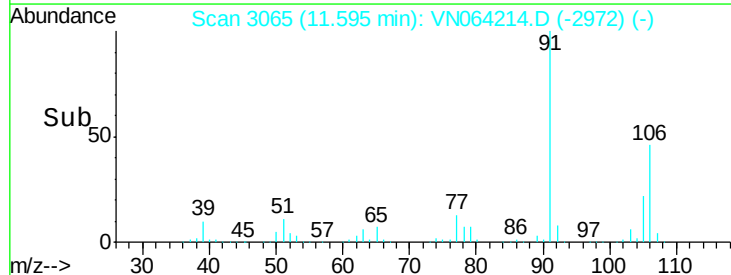
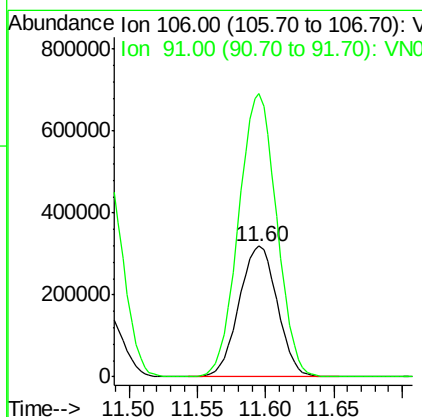
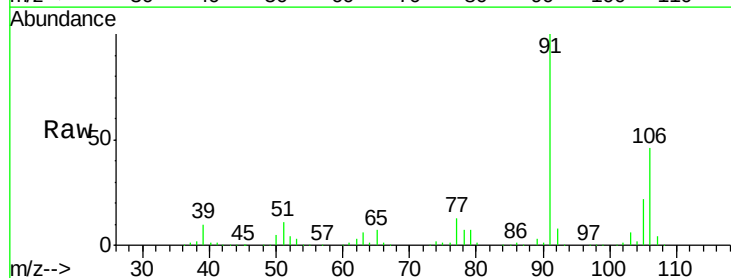
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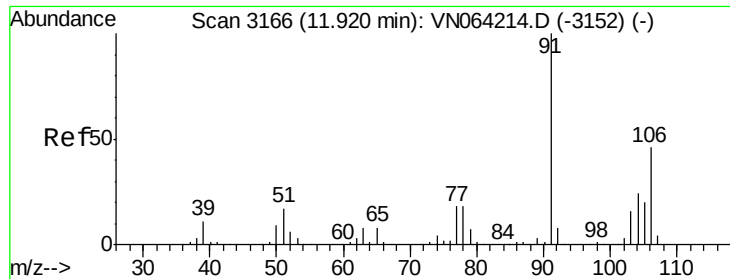
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#68
m/p-Xylenes
Concen: 109.992 ug/l
RT: 11.60 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN064214.D
Acq: 21 Oct 2020 11:45

Tgt Ion: 106 Resp: 620564
Ion Ratio Lower Upper
106 100
91 215.2 172.2 258.2





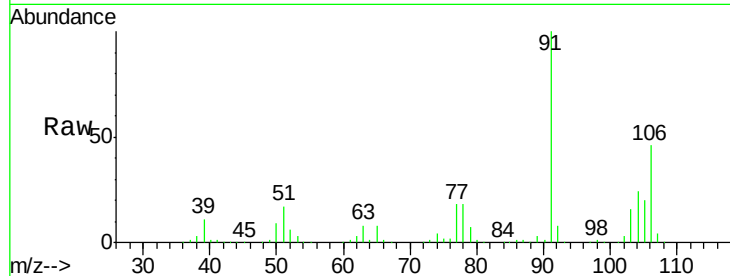
#69
o-Xylene
Concen: 56.451 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN064214.D
Acq: 21 Oct 2020 11:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

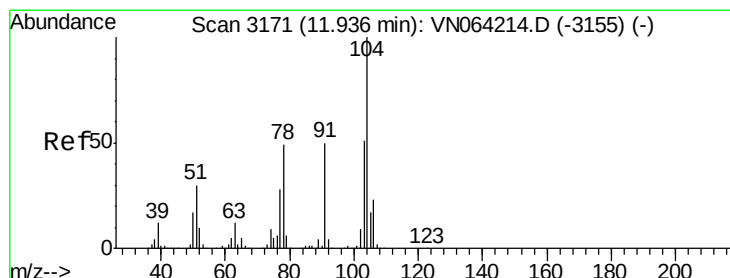
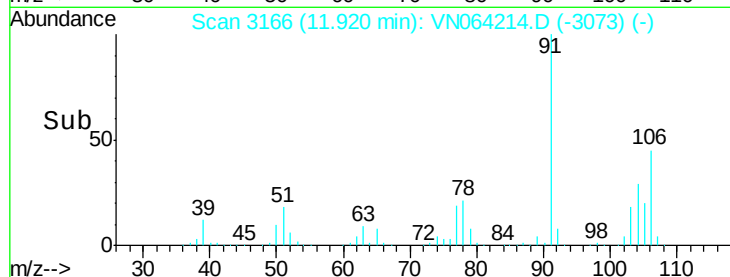
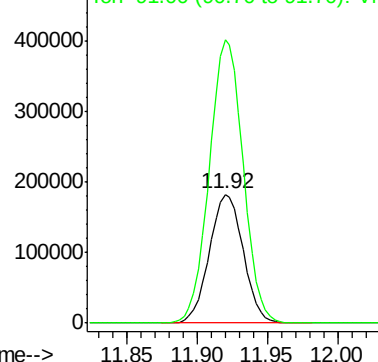
Tot Ion:106 Resp: 306835
Ion Ratio Lower Upper
106 100
91 219.7 109.9 329.6

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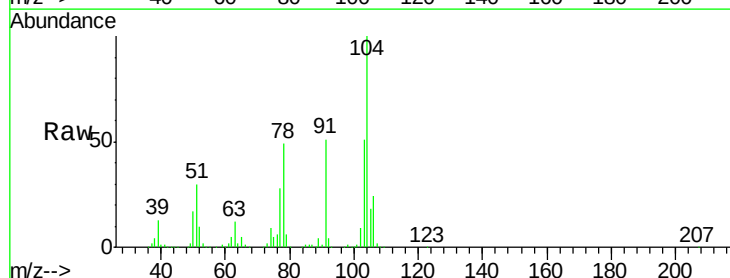


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

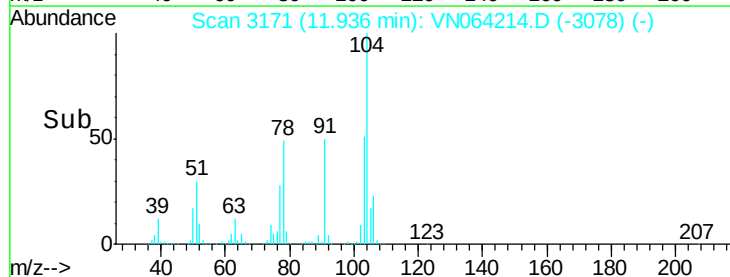
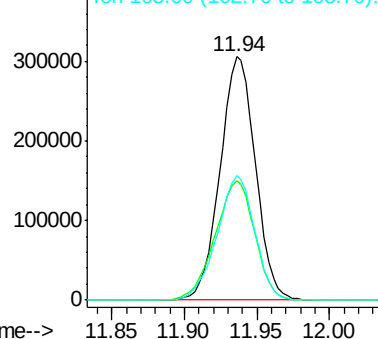


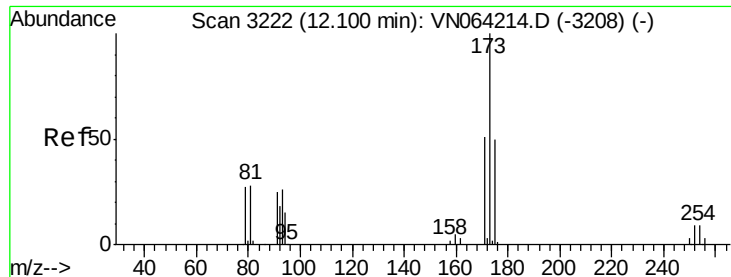
#70
Styrene
Concen: 57.488 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. 0.00 min
Lab File: VN064214.D
Acq: 21 Oct 2020 11:45

Tgt Ion:104 Resp: 520481
Ion Ratio Lower Upper
104 100
78 54.7 43.8 65.6
103 54.3 43.4 65.2



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 56.240 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064214.D

Acq: 21 Oct 2020 11:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion:173 Resp: 144999

Ion Ratio Lower Upper

173 100

175 50.2 25.1 75.3

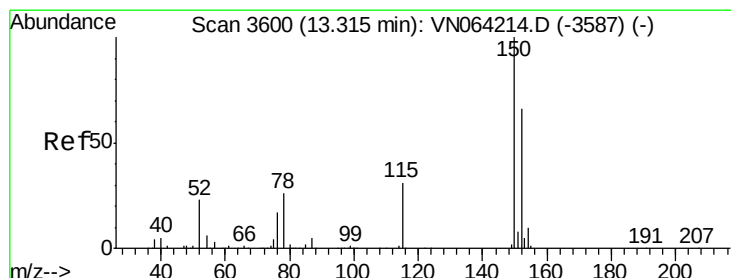
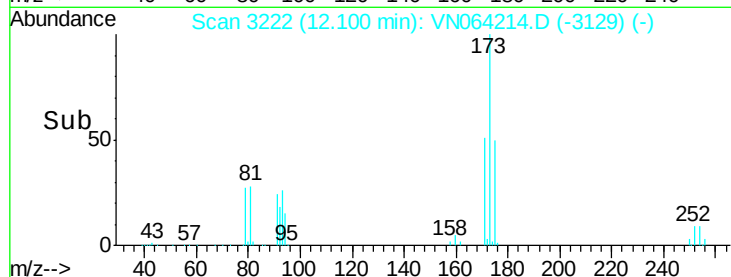
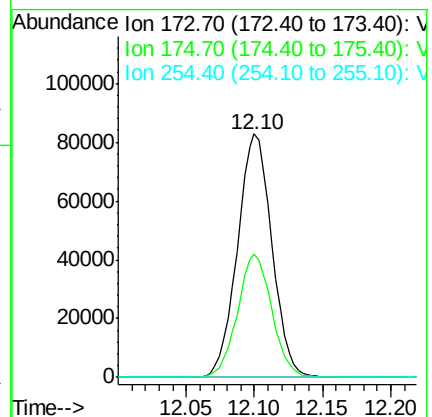
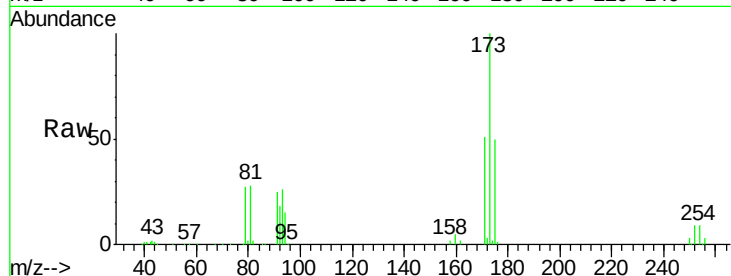
254 0.0 0.0 0.0#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN064214.D

Acq: 21 Oct 2020 11:45

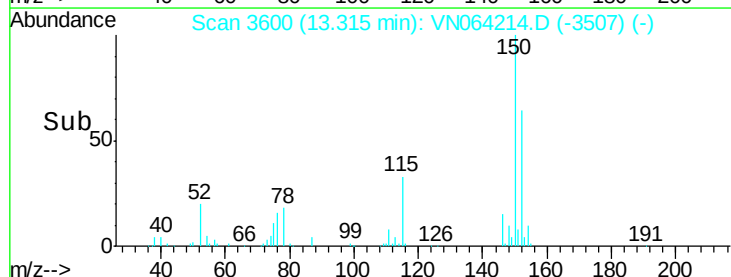
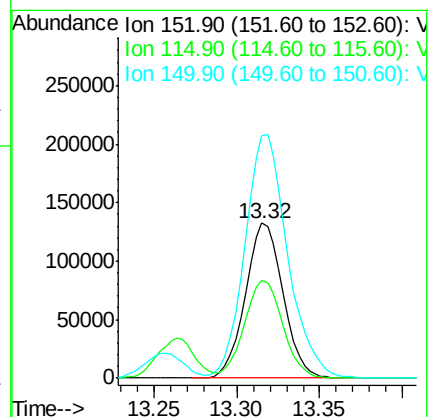
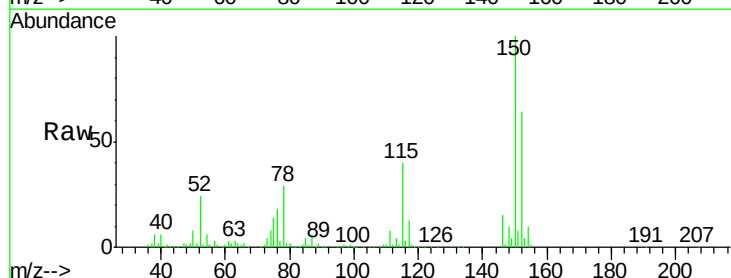
Tgt Ion:152 Resp: 208668

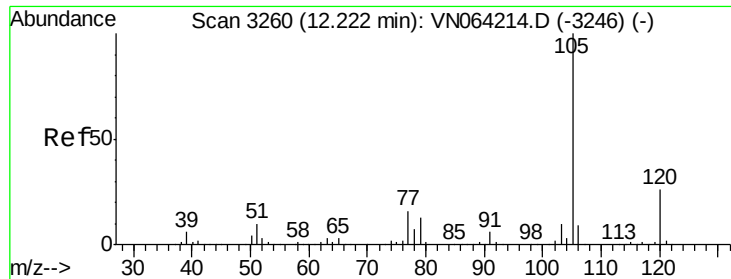
Ion Ratio Lower Upper

152 100

115 64.1 32.0 96.2

150 178.3 0.0 356.6





#73

Isopropylbenzene

Concen: 53.447 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064214.D

Acq: 21 Oct 2020 11:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion: 105 Resp: 819882

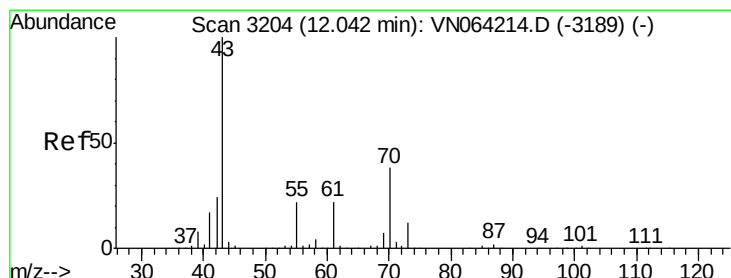
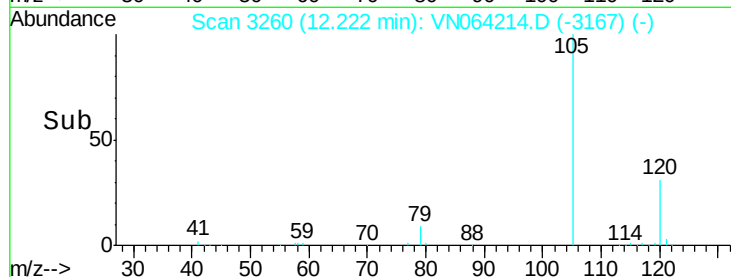
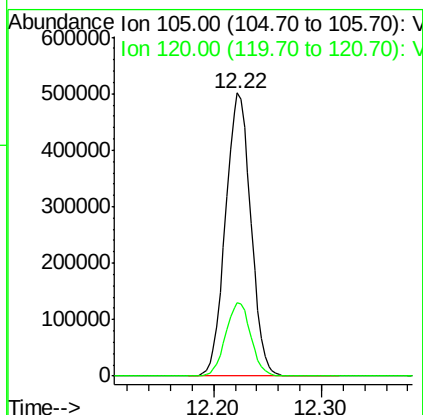
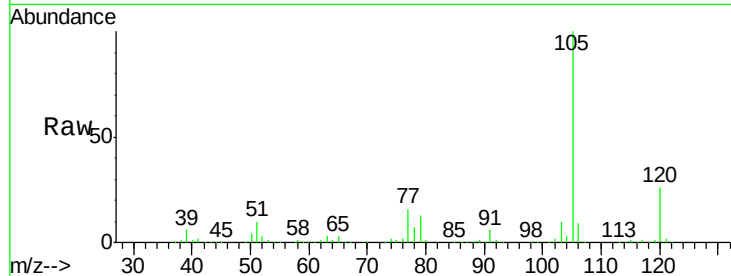
Ion Ratio Lower Upper

105 100

120 25.8 12.9 38.7

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#74

N-ethyl acetate

Concen: 61.578 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. 0.00 min

Lab File: VN064214.D

Acq: 21 Oct 2020 11:45

Tgt Ion: 43 Resp: 364807

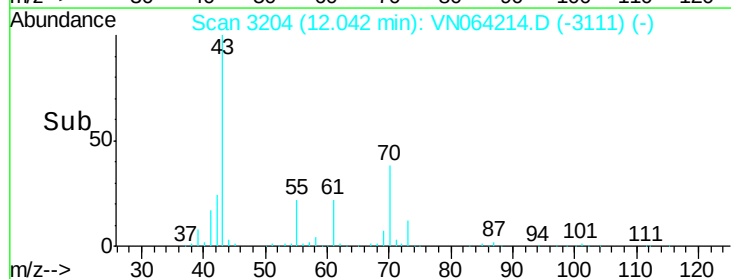
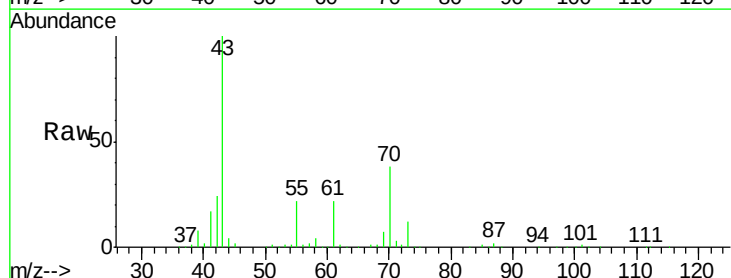
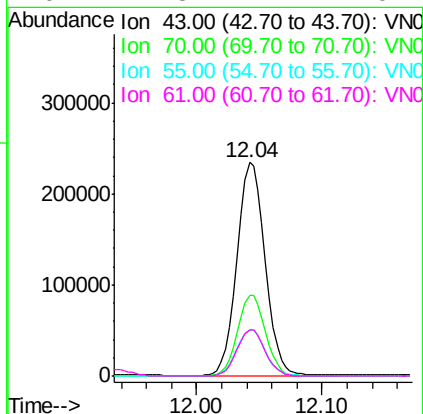
Ion Ratio Lower Upper

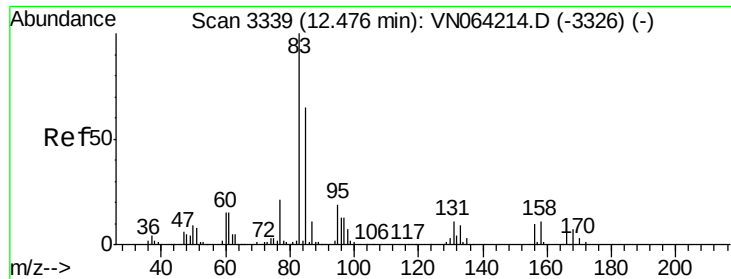
43 100

70 37.8 30.2 45.4

55 22.5 18.0 27.0

61 21.8 17.4 26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 41.847 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VN064214.D

Acq: 21 Oct 2020 11:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion: 83 Resp: 214706

Ion Ratio Lower Upper

83 100

131 11.1 5.5 16.7

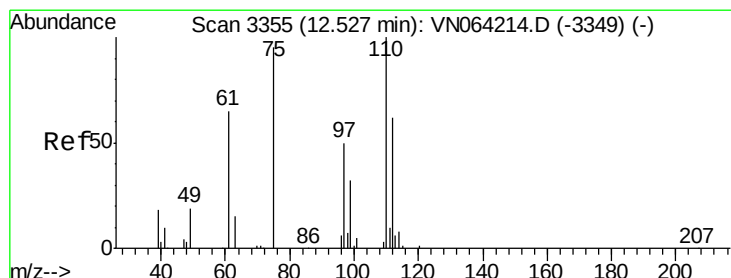
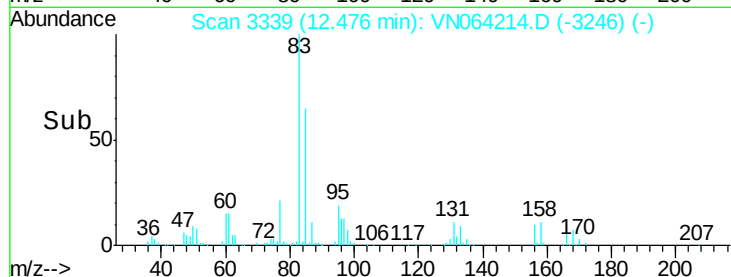
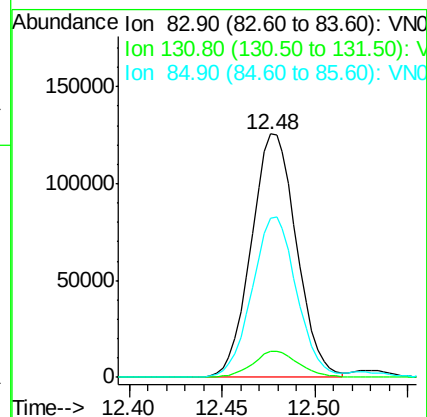
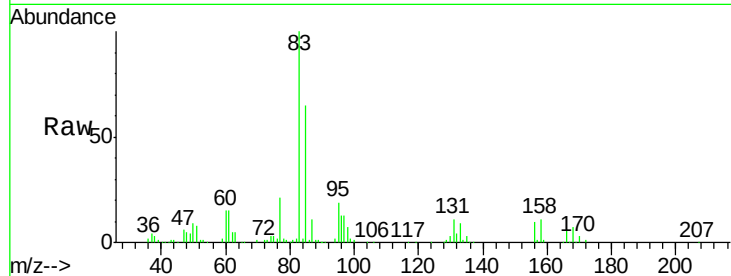
85 64.7 32.4 97.0

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#76

1,2,3-Trichloropropane

Concen: 42.272 ug/l m

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064214.D

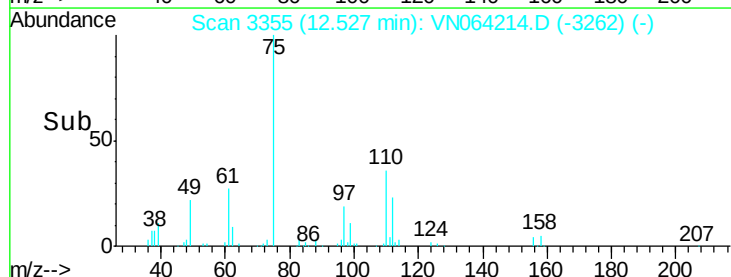
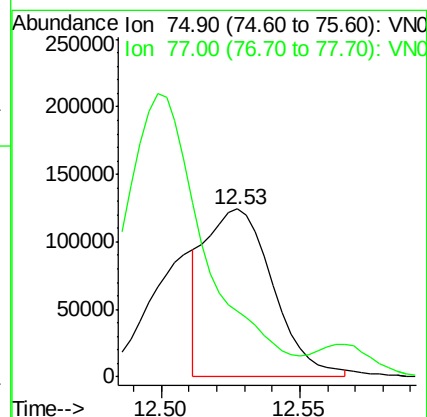
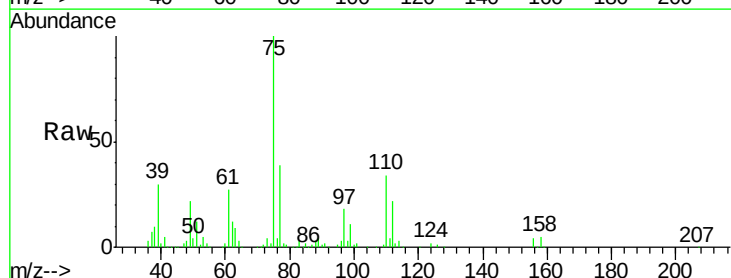
Acq: 21 Oct 2020 11:45

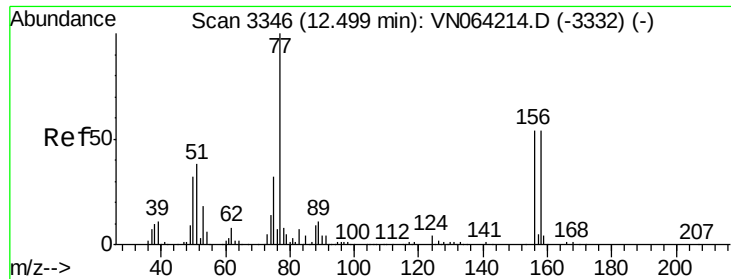
Tgt Ion: 75 Resp: 209731

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





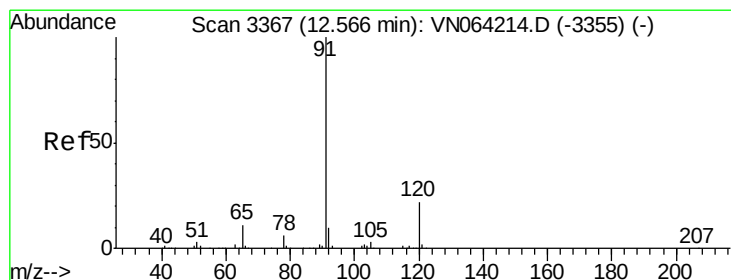
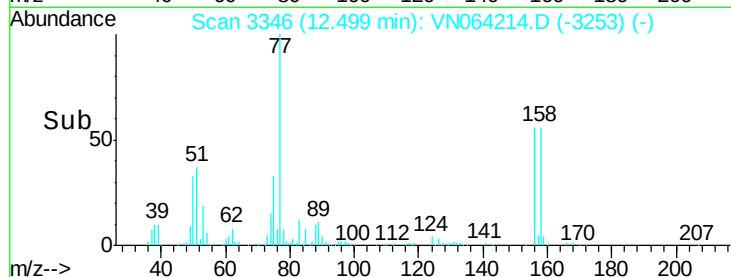
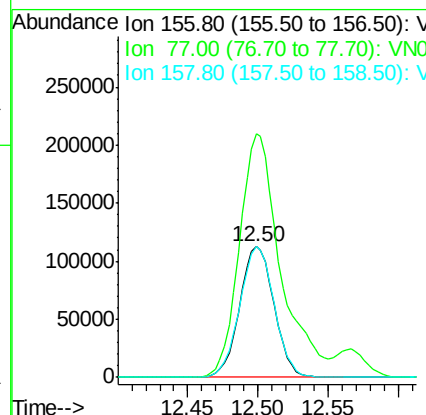
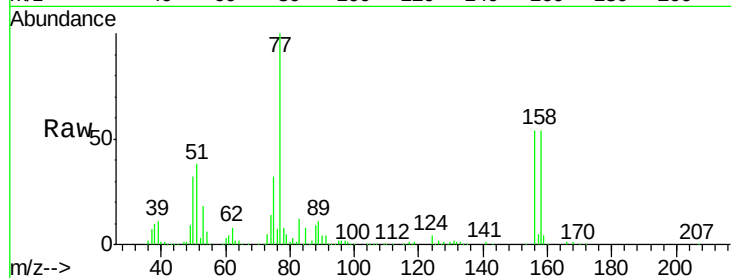
#77
Bromobenzene
Concen: 47.163 ug/l
RT: 12.50 min Scan# 3346
Delta R.T. 0.00 min
Lab File: VN064214.D
Acq: 21 Oct 2020 11:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	222.3	111.1	333.4
158	100.1	50.0	150.1

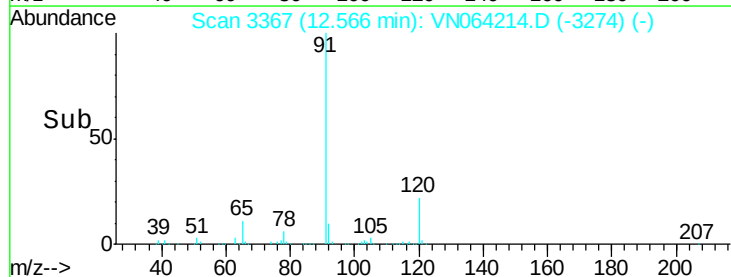
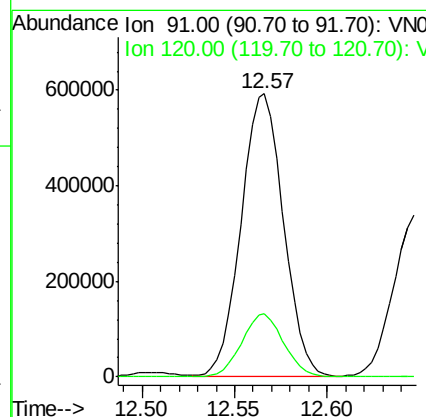
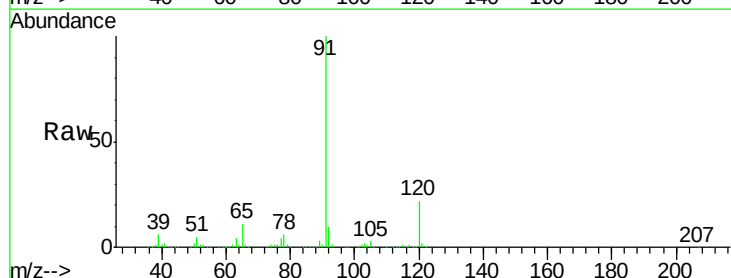
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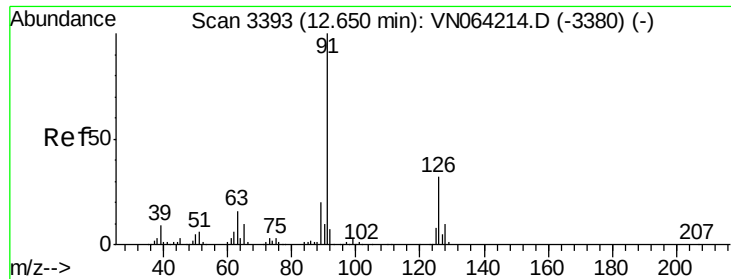
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#78
n-propylbenzene
Concen: 54.436 ug/l
RT: 12.57 min Scan# 3367
Delta R.T. 0.00 min
Lab File: VN064214.D
Acq: 21 Oct 2020 11:45

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.1	11.1	33.1





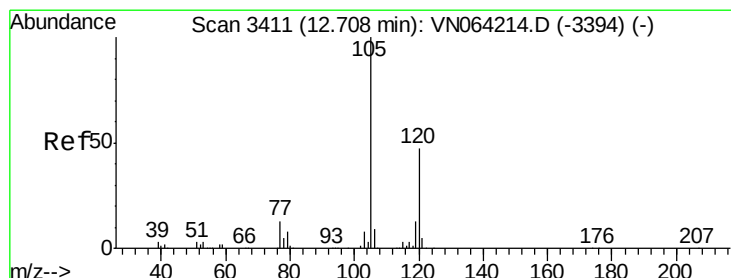
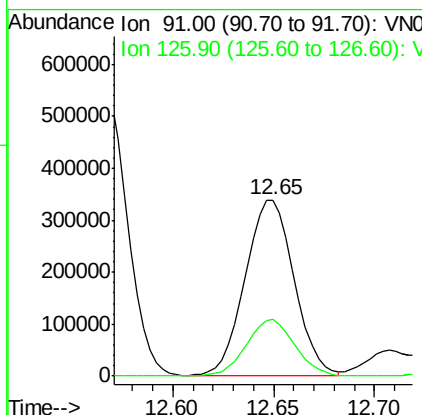
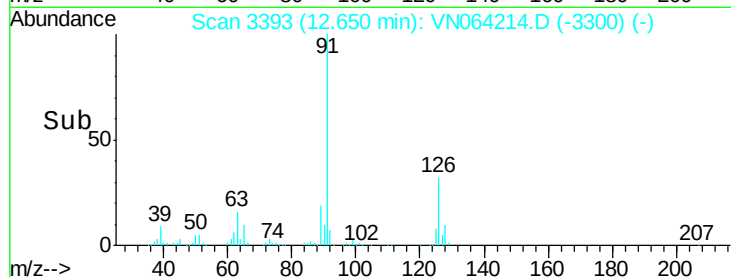
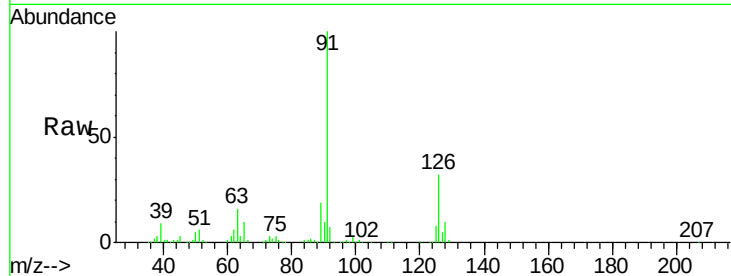
#79
 2-Chlorotoluene
 Concen: 52.522 ug/l
 RT: 12.65 min Scan# 3393
 Delta R.T. 0.00 min
 Lab File: VN064214.D
 Acq: 21 Oct 2020 11:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion: 91 Resp: 572118
 Ion Ratio Lower Upper
 91 100
 126 32.0 16.0 48.0

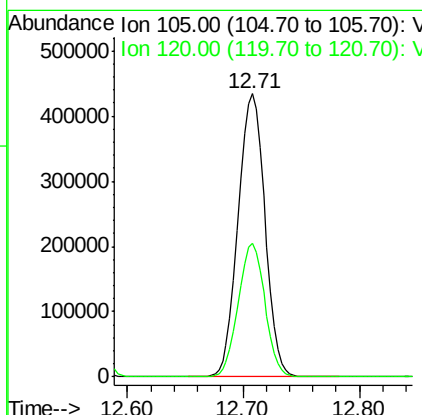
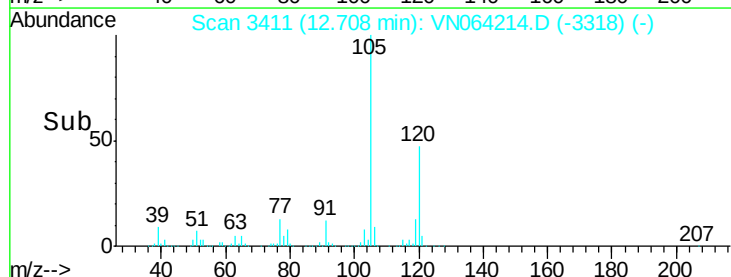
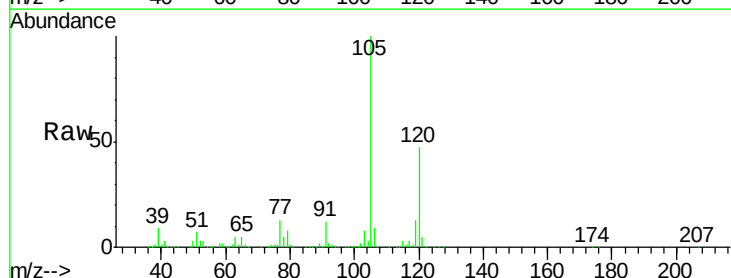
Manual Integrations
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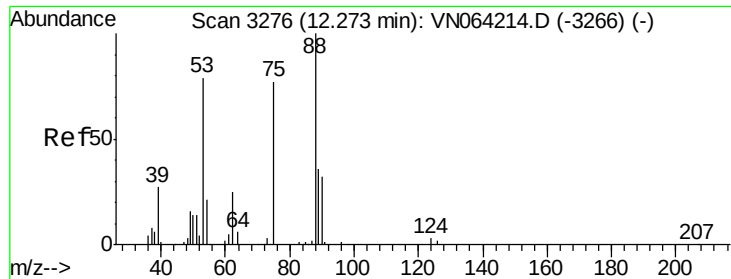
MMDadoda
 10/22/2020 3:25:18 PM



#80
 1,3,5-Trimethylbenzene
 Concen: 56.416 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN064214.D
 Acq: 21 Oct 2020 11:45

Tgt Ion: 105 Resp: 696878
 Ion Ratio Lower Upper
 105 100
 120 46.7 23.4 70.0





#81

trans-1,4-Dichloro-2-butene

Concen: 53.986 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. 0.00 min

Lab File: VN064214.D

Acq: 21 Oct 2020 11:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion: 75 Resp: 88798

Ion Ratio Lower Upper

75 100

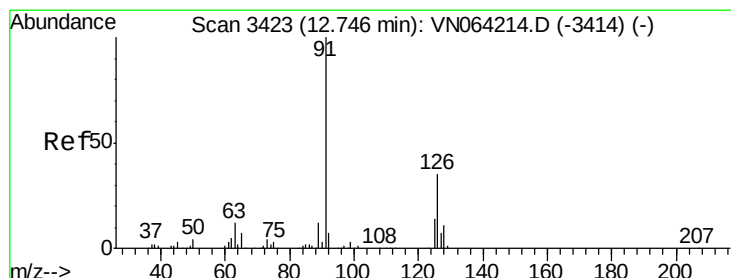
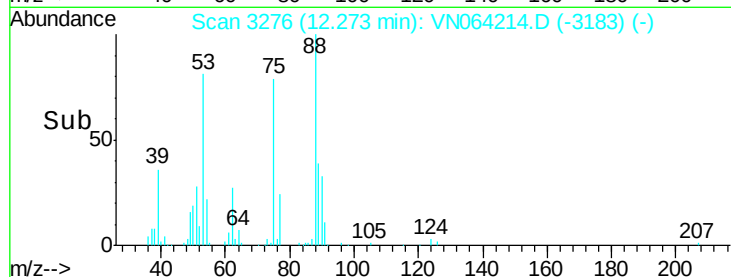
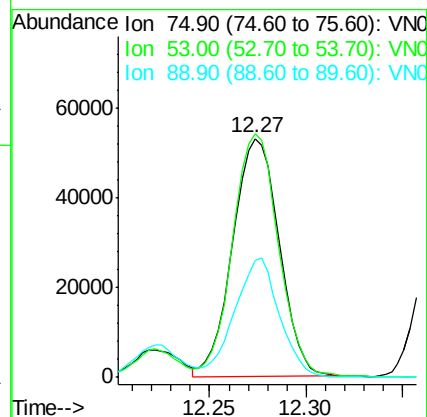
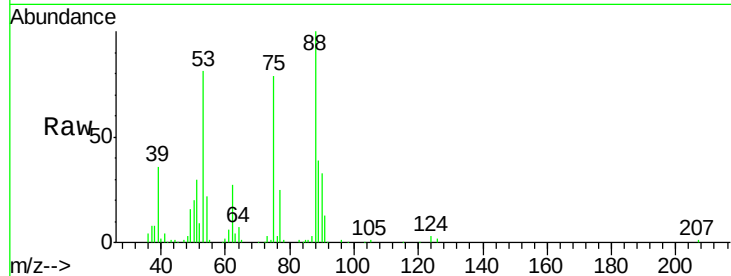
53 101.2 81.0 121.4

89 48.4 38.7 58.1

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#82

4-Chlorotoluene

Concen: 54.532 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN064214.D

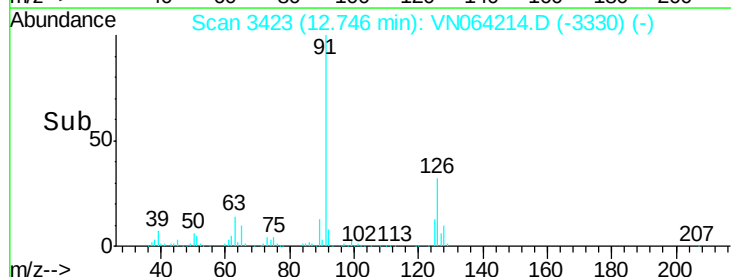
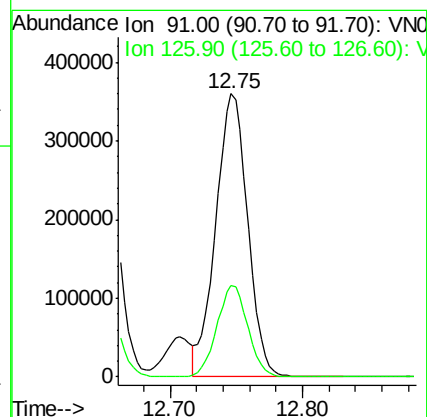
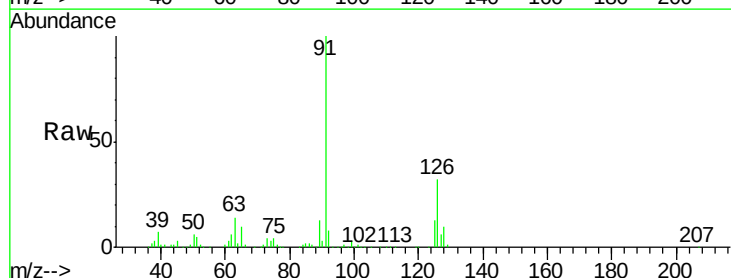
Acq: 21 Oct 2020 11:45

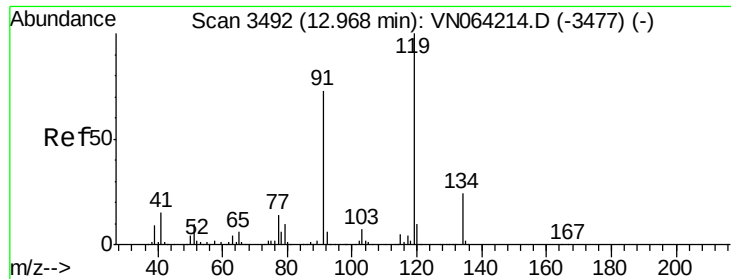
Tgt Ion: 91 Resp: 600442

Ion Ratio Lower Upper

91 100

126 31.5 15.8 47.3





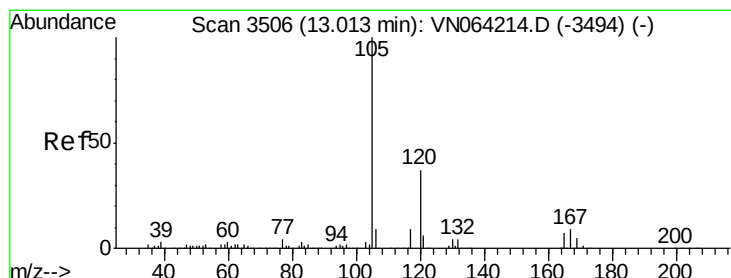
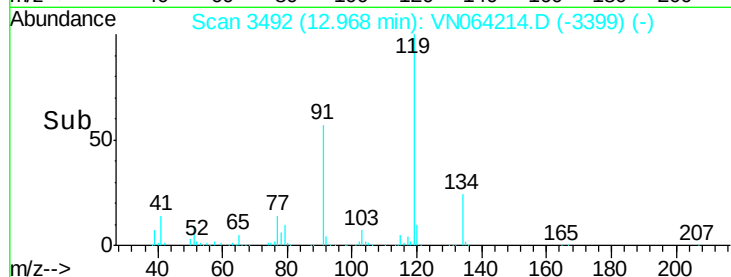
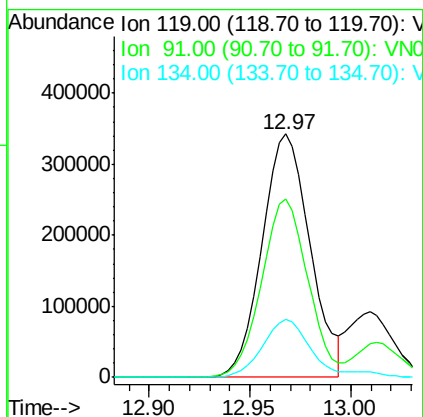
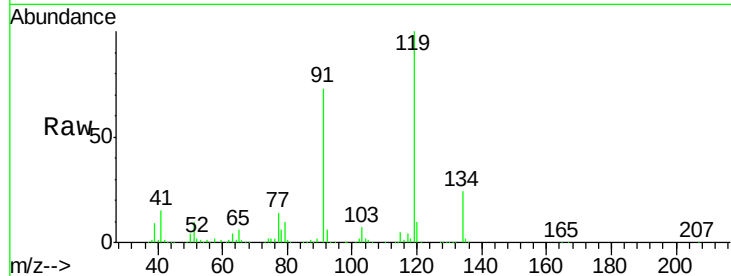
#83
tert-Butylbenzene
Concen: 55.485 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. 0.00 min
Lab File: VN064214.D
Acq: 21 Oct 2020 11:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	70.2	35.1	105.3
134	23.2	11.6	34.8

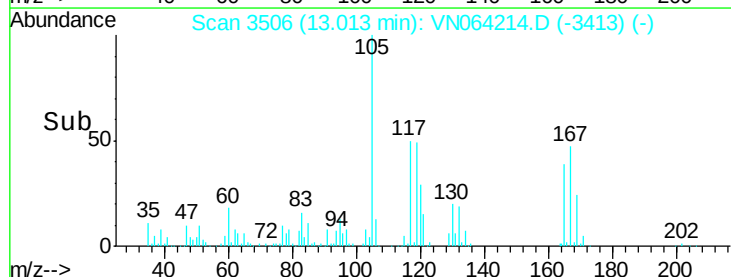
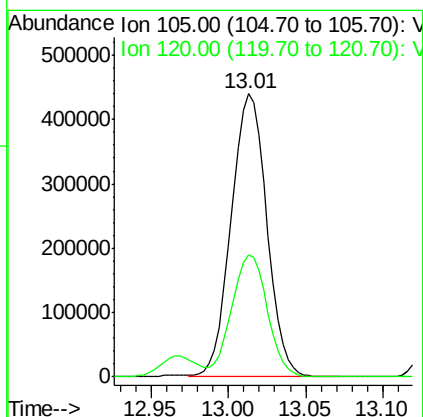
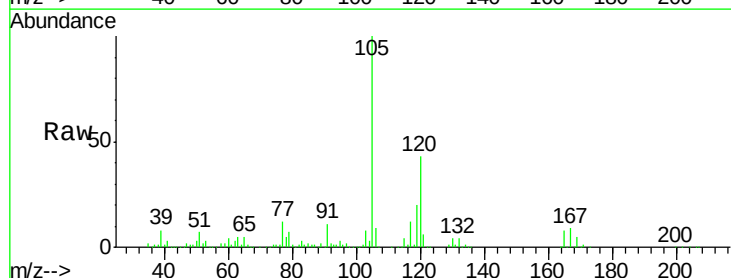
Manual Integrations
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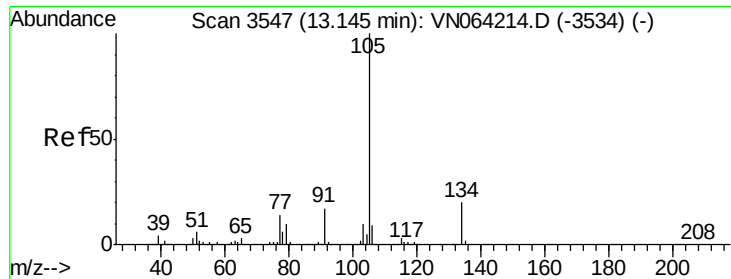
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#84
1,2,4-Trimethylbenzene
Concen: 57.827 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. 0.00 min
Lab File: VN064214.D
Acq: 21 Oct 2020 11:45

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.0	21.5	64.5





#85

sec-Butylbenzene

Concen: 55.582 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. 0.00 min

Lab File: VN064214.D

Acq: 21 Oct 2020 11:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion:105 Resp: 728223

Ion Ratio Lower Upper

105 100

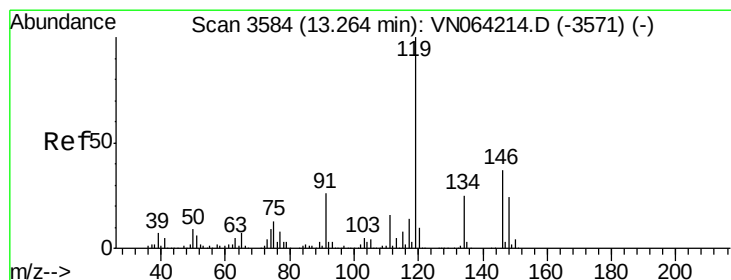
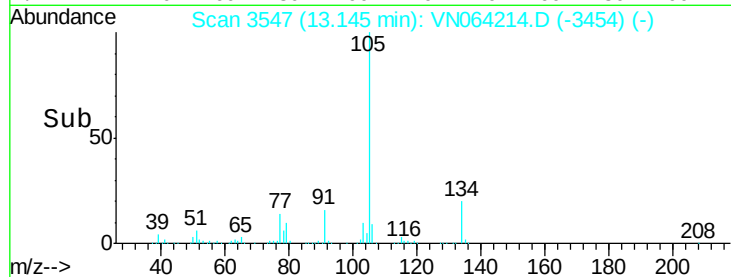
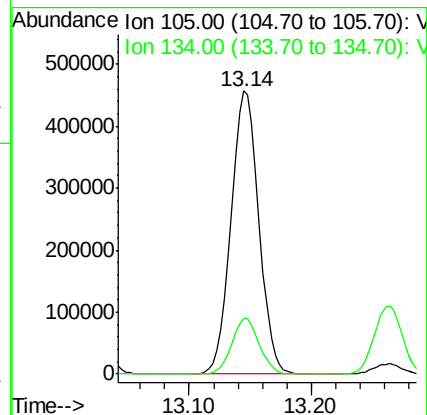
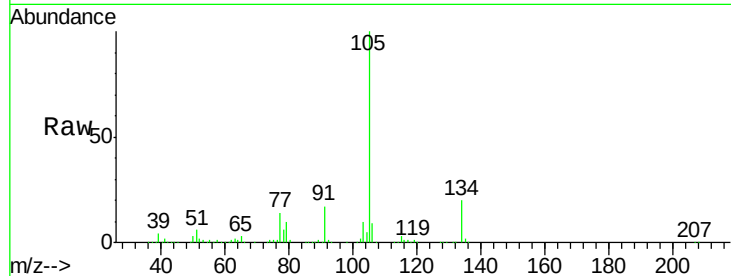
134 19.4 9.7 29.1

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#86

p-Isopropyltoluene

Concen: 58.150 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN064214.D

Acq: 21 Oct 2020 11:45

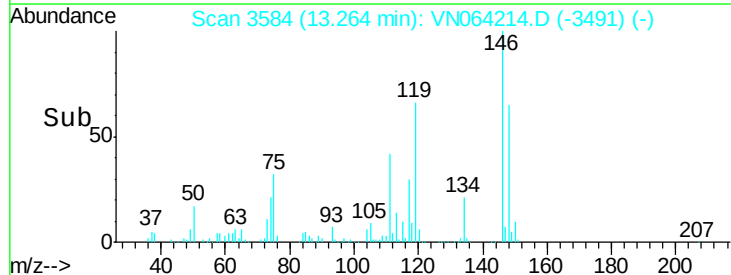
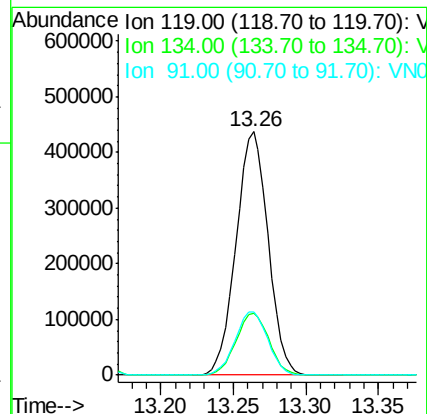
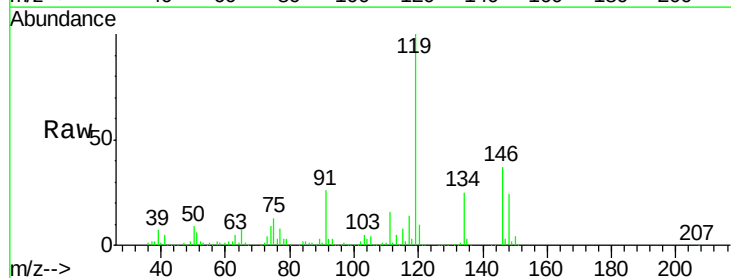
Tgt Ion:119 Resp: 667200

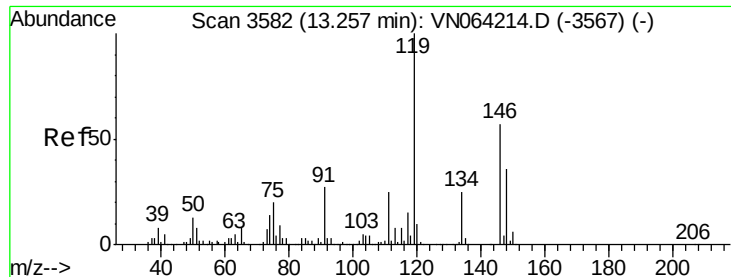
Ion Ratio Lower Upper

119 100

134 26.2 13.1 39.3

91 26.8 13.4 40.2





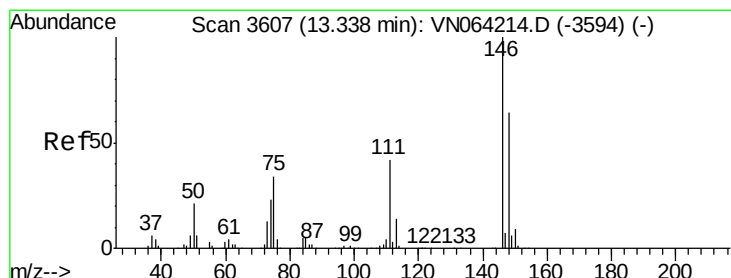
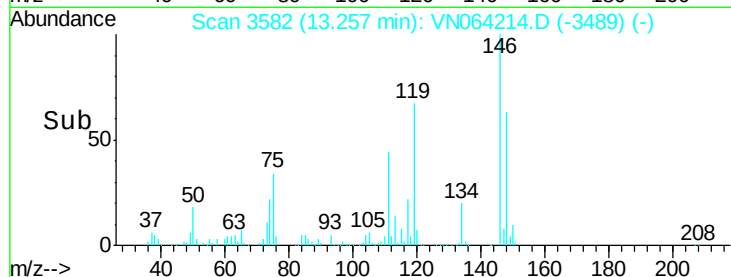
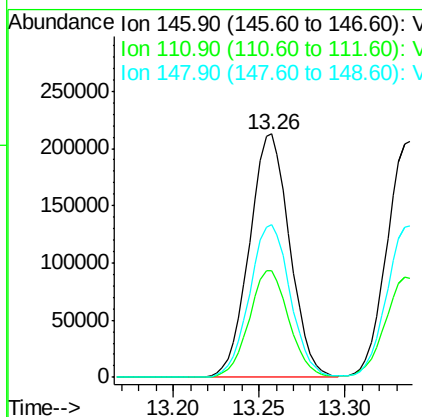
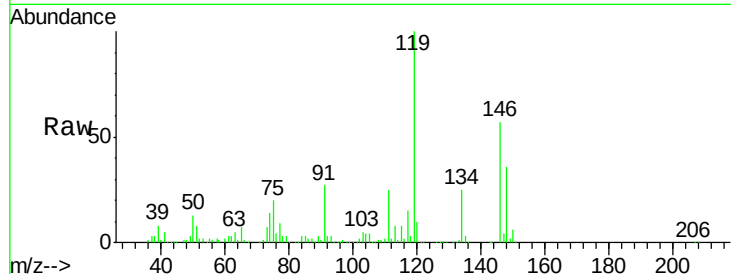
#87
 1,3-Dichlorobenzene
 Concen: 50.698 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064214.D
 Acq: 21 Oct 2020 11:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.3	21.6	65.0
148	63.4	31.7	95.1

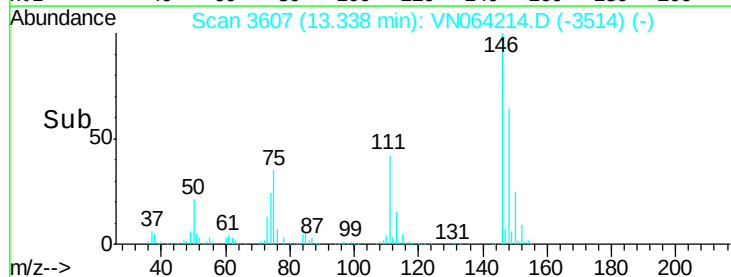
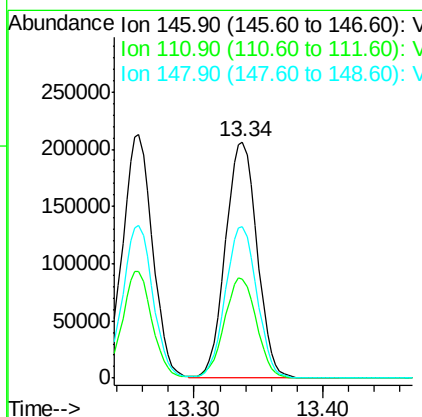
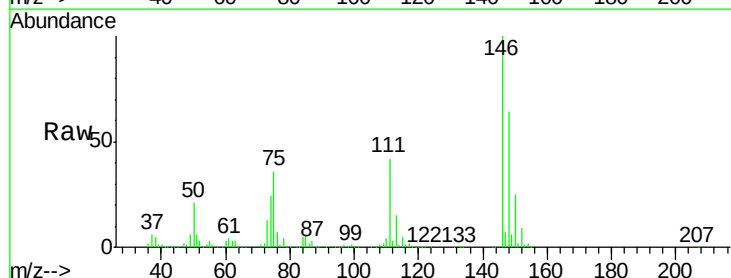
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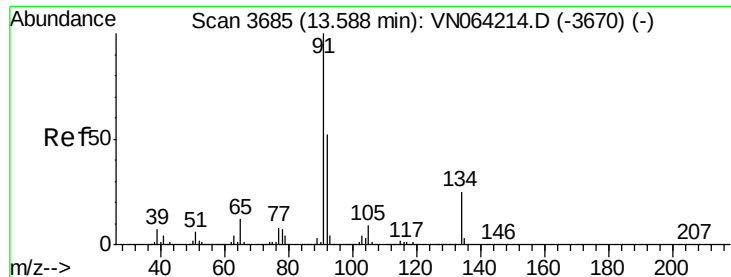
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#88
 1,4-Dichlorobenzene
 Concen: 49.925 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN064214.D
 Acq: 21 Oct 2020 11:45

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.0	21.5	64.5
148	64.0	32.0	96.0





#89

n-Butylbenzene

Concen: 61.366 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. 0.00 min

Lab File: VN064214.D

Acq: 21 Oct 2020 11:45

Instrument :

MSVOA_N

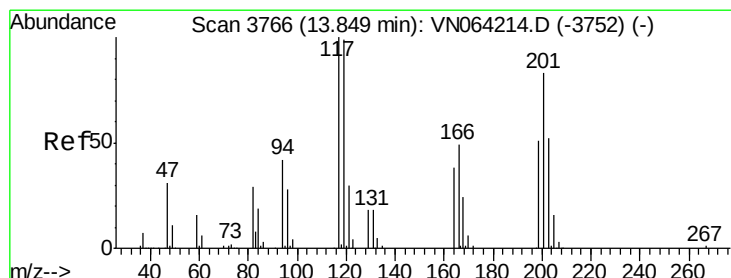
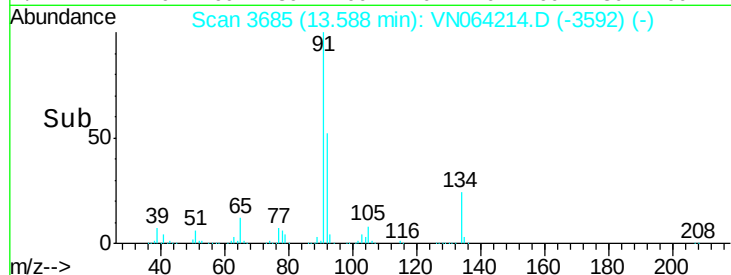
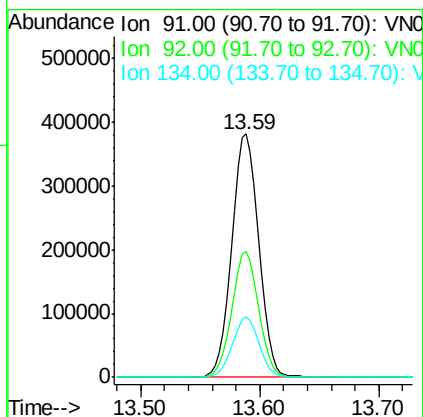
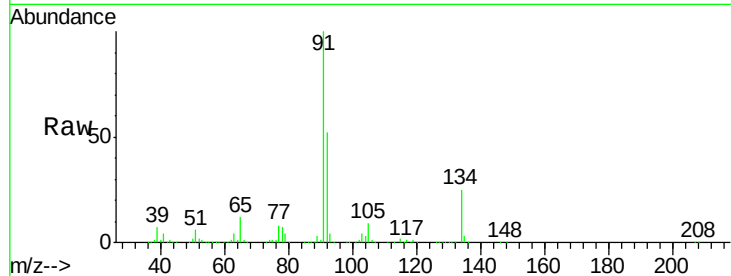
ClientSampleId :

VSTDICCC050

Tot Ion:	91	Resp:	599047
Ion	Ratio	Lower	Upper
91	100		
92	51.3	25.7	77.0
134	24.5	12.3	36.8

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#90

Hexachloroethane

Concen: 52.933 ug/l

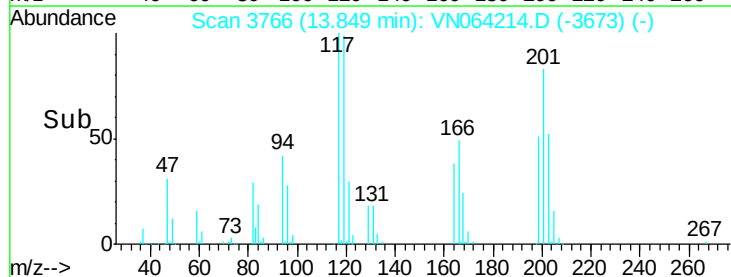
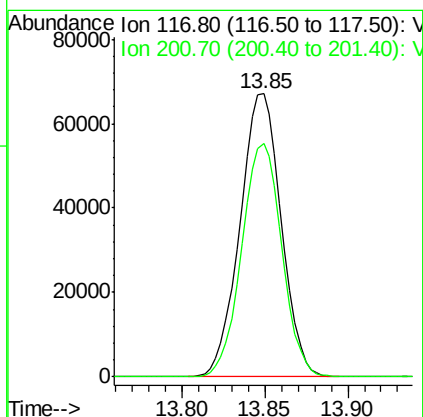
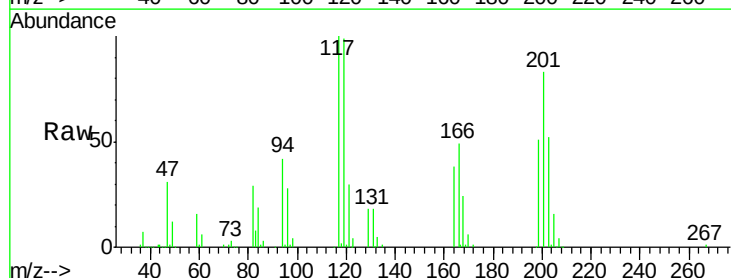
RT: 13.85 min Scan# 3766

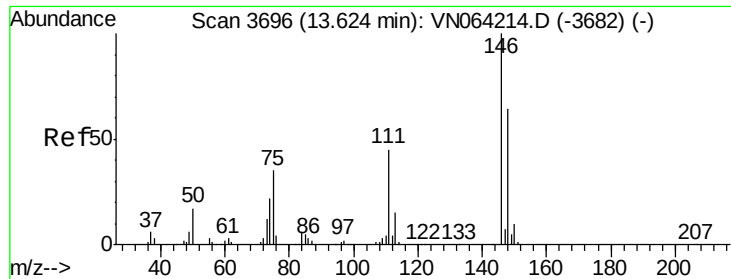
Delta R.T. 0.00 min

Lab File: VN064214.D

Acq: 21 Oct 2020 11:45

Tgt Ion:	117	Resp:	116184
Ion	Ratio	Lower	Upper
117	100		
201	80.2	40.1	120.3





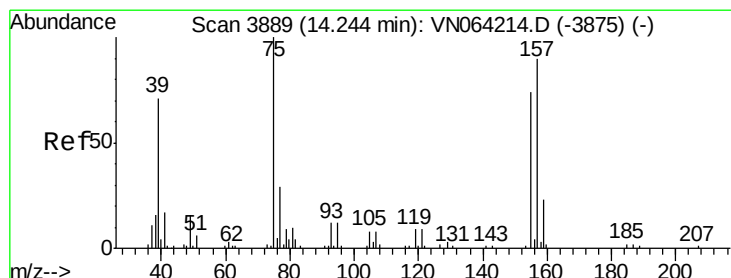
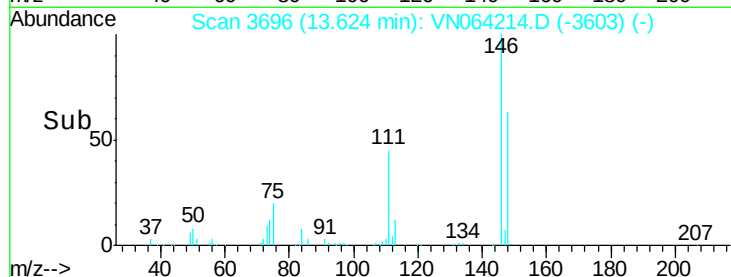
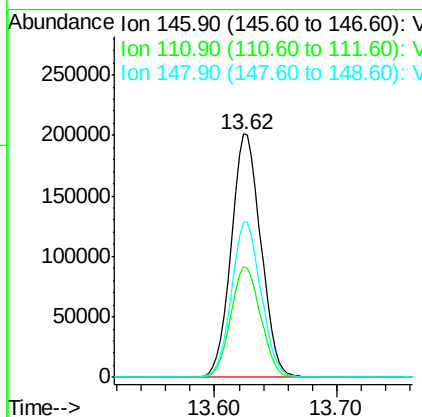
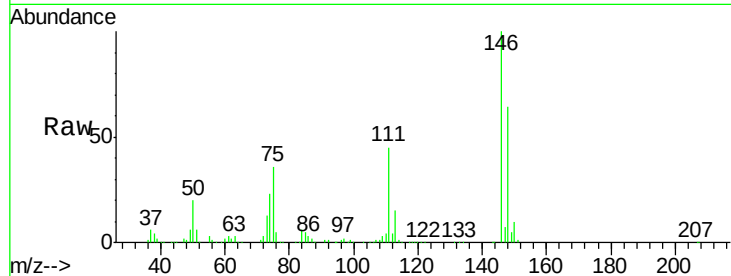
#91
 1,2-Dichlorobenzene
 Concen: 50.155 ug/l
 RT: 13.62 min Scan# 3696
 Delta R.T. 0.00 min
 Lab File: VN064214.D
 Acq: 21 Oct 2020 11:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	45.8	22.9	68.7
148	63.7	31.9	95.5

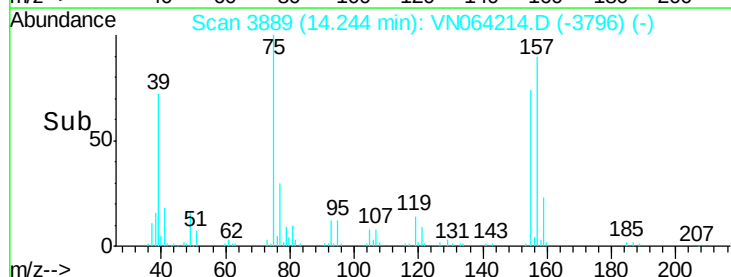
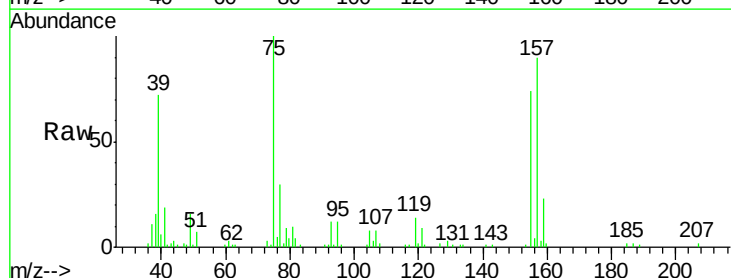
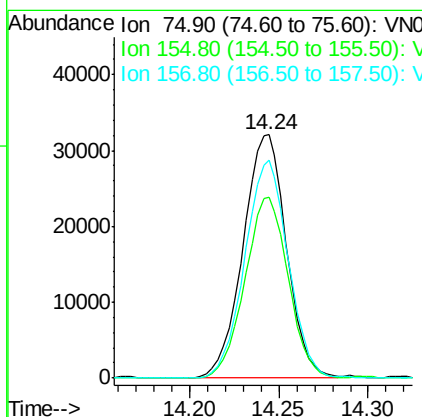
Manual Integrations
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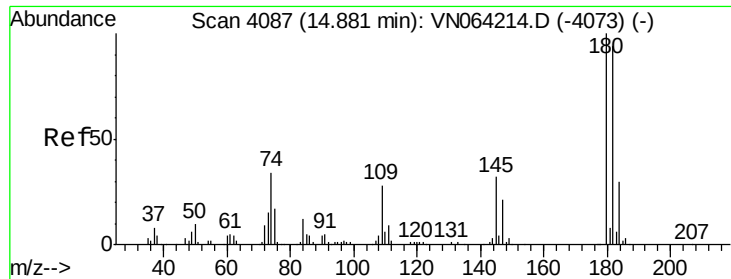
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.187 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN064214.D
 Acq: 21 Oct 2020 11:45

Tgt Ion	Ratio	Lower	Upper
75	100		
155	73.8	36.9	110.7
157	89.2	44.6	133.8





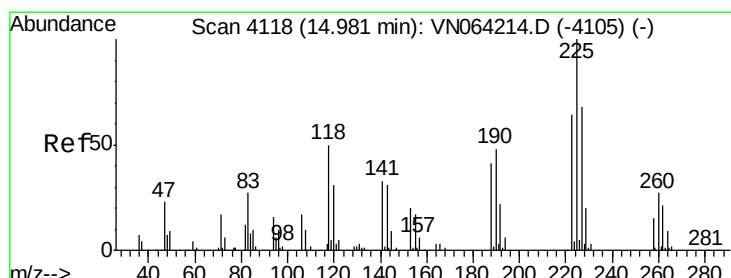
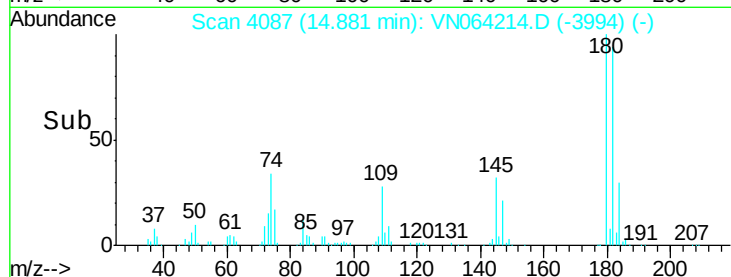
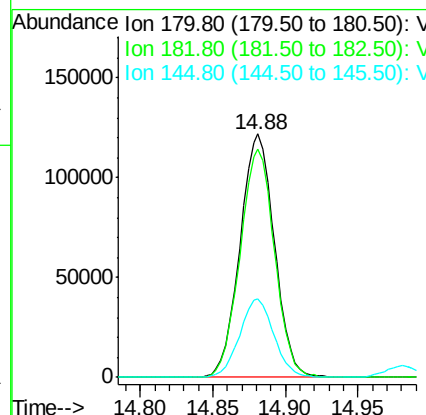
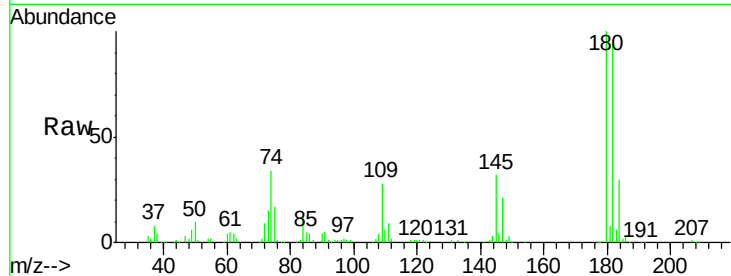
#93
 1,2,4-Trichlorobenzene
 Concen: 69.389 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064214.D
 Acq: 21 Oct 2020 11:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	200873		
182	93.8	46.9	140.7	
145	32.2	16.1	48.3	

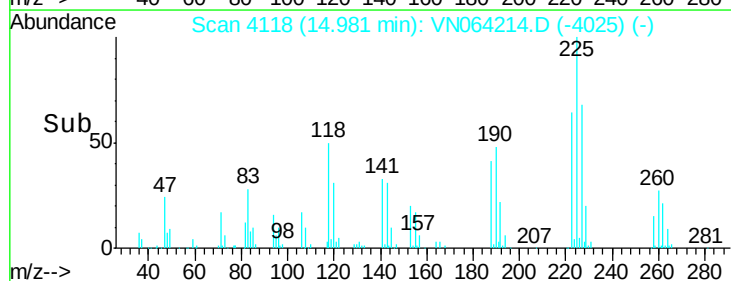
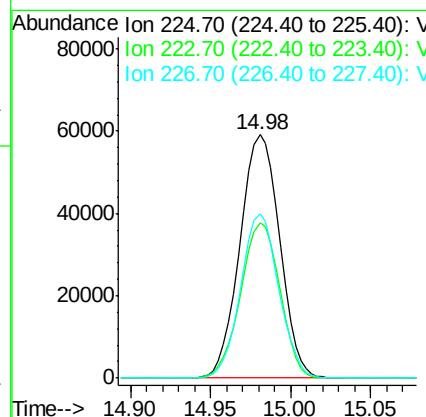
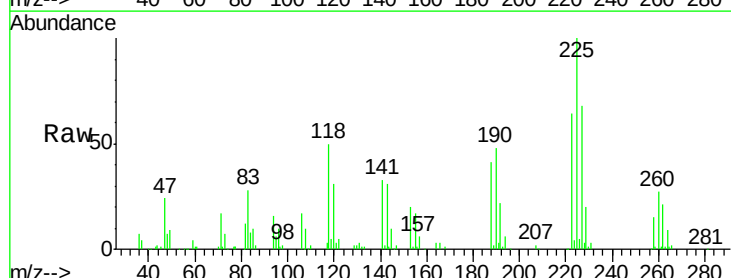
Manual Integrations
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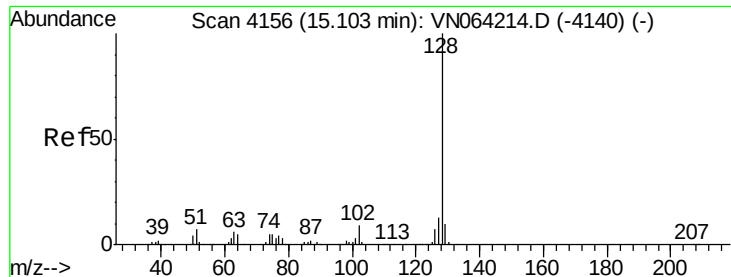
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#94
 Hexachlorobutadiene
 Concen: 59.089 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN064214.D
 Acq: 21 Oct 2020 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	100195		
223	63.0	31.5	94.5	
227	64.3	32.1	96.5	





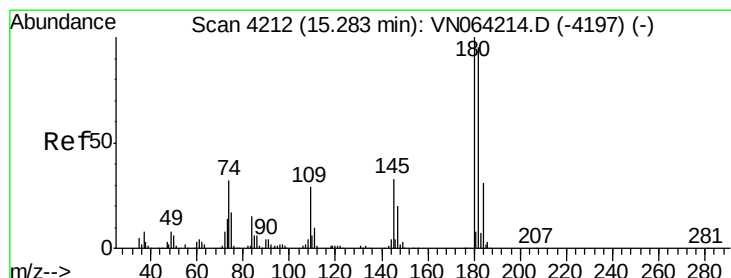
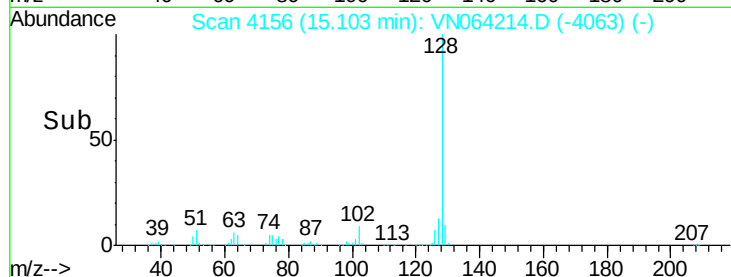
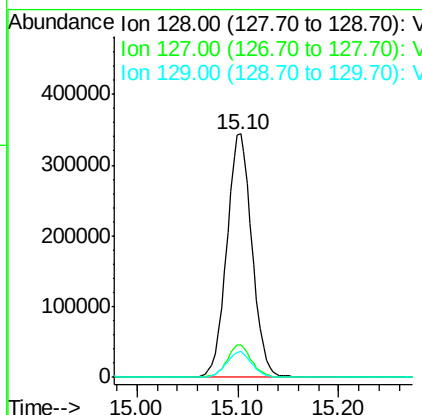
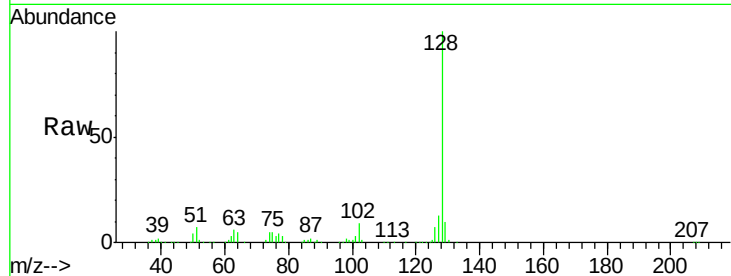
#95
Naphthalene
Concen: 69.164 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN064214.D
Acq: 21 Oct 2020 11:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.5	15.7
129	10.7	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
10/22/2020 3:25:18 PM



#96
1,2,3-Trichlorobenzene
Concen: 67.431 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN064214.D
Acq: 21 Oct 2020 11:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	48.0	144.2
145	34.2	17.1	51.3

