

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102120\
 Data File : VN064235.D
 Acq On : 21 Oct 2020 20:41
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/23/2020 2:10:28 PM

Quant Time: Oct 22 02:39:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102120W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 21 12:48:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	263285	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	443753	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	405489	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	197142	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	203600	52.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.14%	
35) Dibromofluoromethane	7.55	113	145131	49.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.38%	
50) Toluene-d8	10.06	98	532832	49.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.58%	
62) 4-Bromofluorobenzene	12.38	95	218125	50.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	167615	52.078	ug/l	97
3) Chloromethane	2.04	50	166074	54.576	ug/l	97
4) Vinyl Chloride	2.16	62	165244	54.773	ug/l	98
5) Bromomethane	2.53	94	102835	52.294	ug/l	94
6) Chloroethane	2.67	64	99214	54.022	ug/l	99
7) Trichlorofluoromethane	2.98	101	276600	55.752	ug/l	99
8) Diethyl Ether	3.37	74	88869	54.151	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	135149	52.679	ug/l	99
10) Methyl Iodide	3.91	142	191598	52.518	ug/l	99
11) Tert butyl alcohol	4.72	59	137485	262.681	ug/l	97
12) 1,1-Dichloroethene	3.69	96	132788	53.813	ug/l	97
13) Acrolein	3.57	56	77713	236.534	ug/l	96
14) Allyl chloride	4.27	41	261860	53.022	ug/l	98
15) Acrylonitrile	4.93	53	302193	279.219	ug/l	99
16) Acetone	3.78	43	313555	280.275	ug/l	99
17) Carbon Disulfide	4.01	76	374516	53.208	ug/l	98
18) Methyl Acetate	4.28	43	155444	54.527	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	458013	53.989	ug/l	99
20) Methylene Chloride	4.50	84	151895	50.918	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	145115	53.331	ug/l	98
22) Diisopropyl ether	5.90	45	477684	52.030	ug/l	98
23) Vinyl Acetate	5.84	43	2210061	269.928	ug/l	100
24) 1,1-Dichloroethane	5.80	63	287770	54.107	ug/l	99
25) 2-Butanone	6.78	43	472583	265.881	ug/l	99
26) 2,2-Dichloropropane	6.78	77	253976	47.966	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	170568	53.827	ug/l	96
28) Bromochloromethane	7.15	49	136070	53.854	ug/l	99
29) Tetrahydrofuran	7.17	42	287485	270.394	ug/l	97
30) Chloroform	7.33	83	305274	53.810	ug/l	98
31) Cyclohexane	7.61	56	228279	49.251	ug/l	95
32) 1,1,1-Trichloroethane	7.53	97	292408	55.020	ug/l	100
36) 1,1-Dichloropropene	7.75	75	228301	51.605	ug/l	98
37) Ethyl Acetate	6.88	43	210119	52.311	ug/l	99
38) Carbon Tetrachloride	7.74	117	260951	51.843	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	201598	50.115	ug/l	94
40) Benzene	8.00	78	617460	50.561	ug/l	100
41) Methacrylonitrile	7.12	41	106255	50.429	ug/l	93
42) 1,2-Dichloroethane	8.08	62	264470	50.554	ug/l	98
43) Isopropyl Acetate	8.13	43	390423	52.155	ug/l	99
44) Trichloroethene	8.80	130	169243	50.857	ug/l	99
45) 1,2-Dichloropropane	9.08	63	165897	50.886	ug/l	99
46) Dibromomethane	9.17	93	115940	52.962	ug/l	98
47) Bromodichloromethane	9.37	83	252473	52.202	ug/l	98
48) Methyl methacrylate	9.17	41	197524	50.512	ug/l	99
49) 1,4-Dioxane	9.17	88	46064	1006.773	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	1074831	268.655	ug/l	100
52) Toluene	10.13	92	397287	50.842	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	283901	52.842	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	286788	50.697	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	154655	52.404	ug/l	97
56) Ethyl methacrylate	10.40	69	246386	53.993	ug/l	98
57) 1,3-Dichloropropane	10.68	76	272705	53.198	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	612945	260.849	ug/l	100
59) 2-Hexanone	10.72	43	787705	269.595	ug/l	100
60) Dibromochloromethane	10.87	129	196006	51.304	ug/l	99
61) 1,2-Dibromoethane	10.98	107	167999	53.945	ug/l	96
64) Tetrachloroethene	10.60	164	159311	48.802	ug/l	96
65) Chlorobenzene	11.41	112	433138	51.605	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	168204	50.487	ug/l	99
67) Ethyl Benzene	11.48	91	802024	51.995	ug/l	99
68) m/p-Xylenes	11.59	106	585763	102.494	ug/l	98
69) o-Xylene	11.92	106	286810	51.890	ug/l	98
70) Styrene	11.94	104	478980	51.698	ug/l	98
71) Bromoform	12.10	173	134069	52.092	ug/l #	97
73) Isopropylbenzene	12.22	105	768501	51.111	ug/l	100
74) N-amyl acetate	12.04	43	343616	52.888	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	210379	52.726	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	206958m	49.797	ug/l	
77) Bromobenzene	12.50	156	185504	52.260	ug/l	96
78) n-propylbenzene	12.57	91	864158	50.974	ug/l	99
79) 2-Chlorotoluene	12.65	91	540091	51.867	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	648458	51.014	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	82490	50.111	ug/l	99
82) 4-Chlorotoluene	12.75	91	563730	51.901	ug/l	99
83) tert-Butylbenzene	12.97	119	528710	50.731	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	660492	52.206	ug/l	100
85) sec-Butylbenzene	13.15	105	663611	50.508	ug/l	100
86) p-Isopropyltoluene	13.26	119	612814	51.219	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	325361	51.513	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	329056	50.900	ug/l	99
89) n-Butylbenzene	13.59	91	527878	49.219	ug/l	98
90) Hexachloroethane	13.85	117	106681	49.233	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	318824	51.454	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	52729	52.971	ug/l	99

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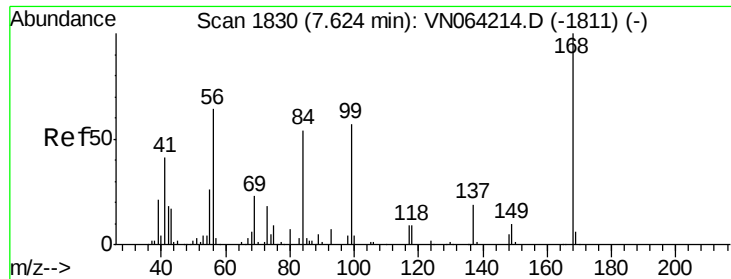
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	178214	51.280	ug/l	98
94) Hexachlorobutadiene	14.98	225	83537	44.567	ug/l	99
95) Naphthalene	15.10	128	552061	53.045	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	176212	51.194	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

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Acq: 21 Oct 2020 20:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 263285

Ion Ratio Lower Upper

168 100

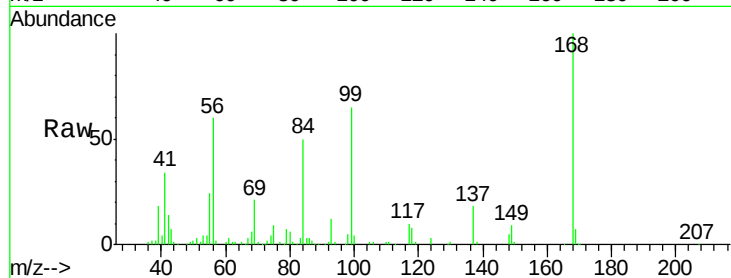
99 64.7 54.0 81.0

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

120000

100000

80000

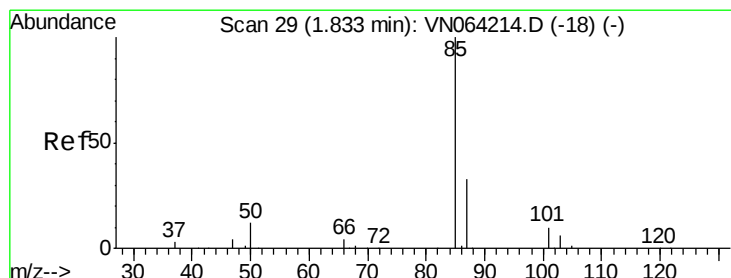
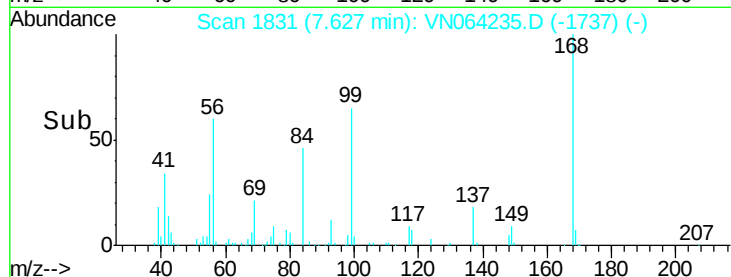
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 52.078 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064235.D

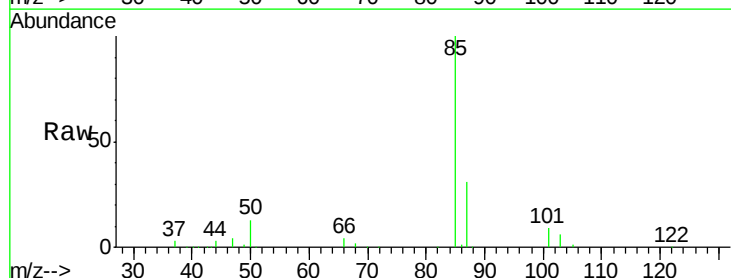
Acq: 21 Oct 2020 20:41

Tgt Ion: 85 Resp: 167615

Ion Ratio Lower Upper

85 100

87 31.3 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

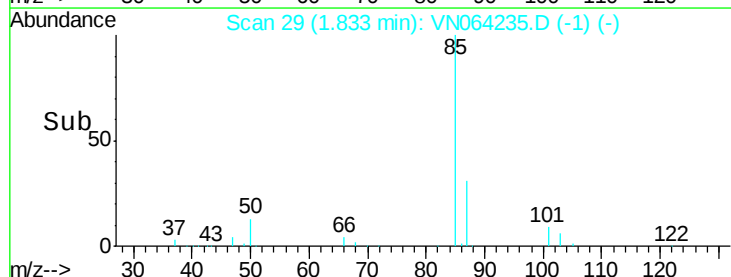
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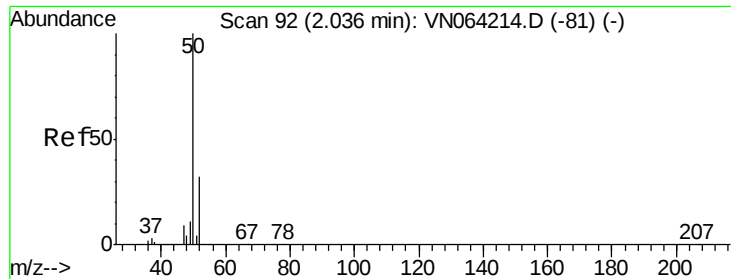
100000

50000

0

Time--> 1.75 1.80 1.85 1.90





#3

Chloromethane

Concen: 54.576 ug/l

RT: 2.04 min Scan# 92

Delta R.T. -0.00 min

Lab File: VN064235.D

Acq: 21 Oct 2020 20:41

Instrument :

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ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 166074

Ion Ratio Lower Upper

50 100

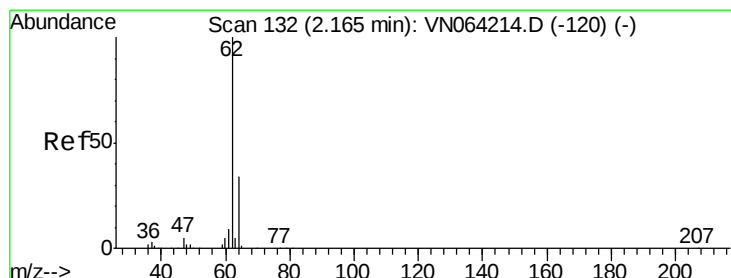
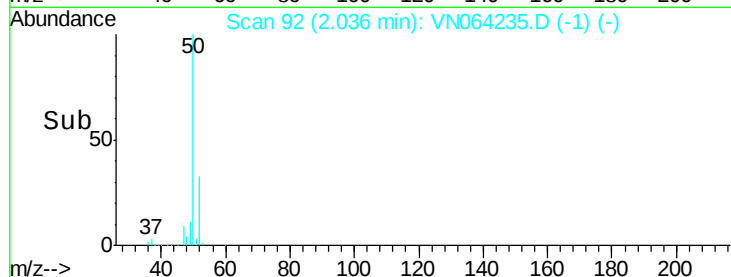
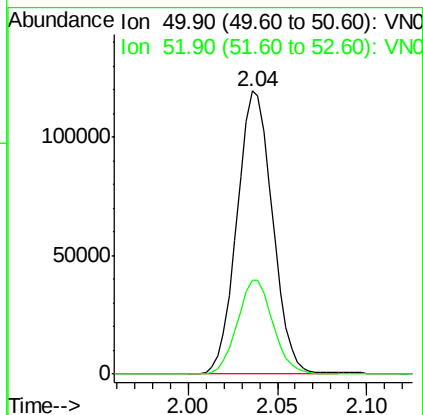
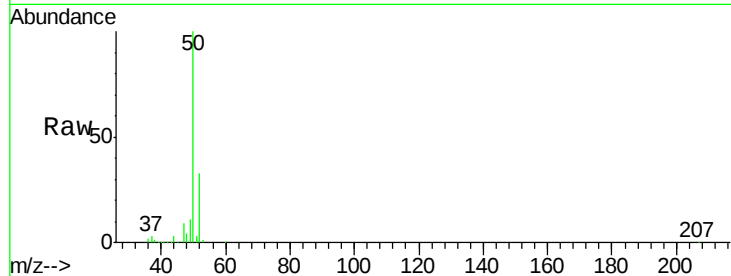
52 33.4 25.3 37.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 54.773 ug/l

RT: 2.16 min Scan# 132

Delta R.T. -0.00 min

Lab File: VN064235.D

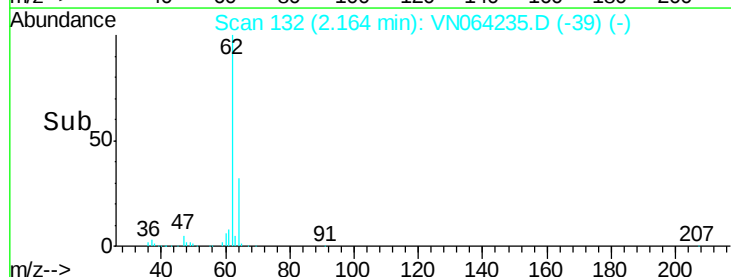
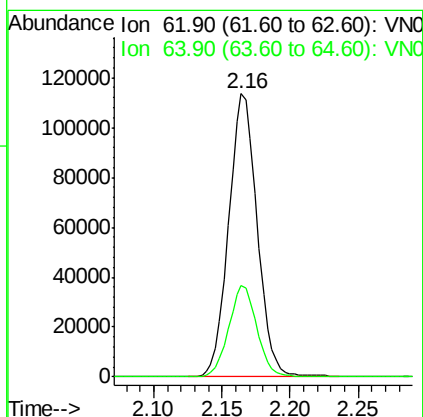
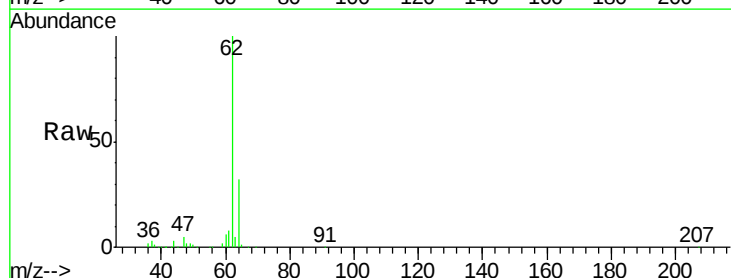
Acq: 21 Oct 2020 20:41

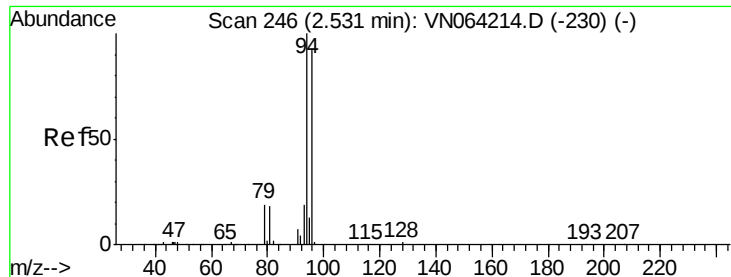
Tgt Ion: 62 Resp: 165244

Ion Ratio Lower Upper

62 100

64 32.3 26.8 40.2





#5

Bromomethane

Concen: 52.294 ug/l

RT: 2.53 min Scan# 246

Delta R.T. -0.00 min

Lab File: VN064235.D

Acq: 21 Oct 2020 20:41

Instrument :

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Tot Ion: 94 Resp: 102835

Ion Ratio Lower Upper

94 100

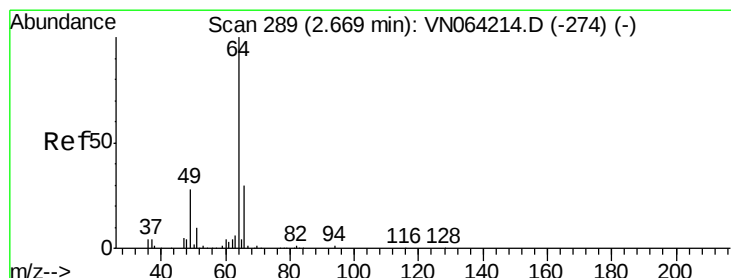
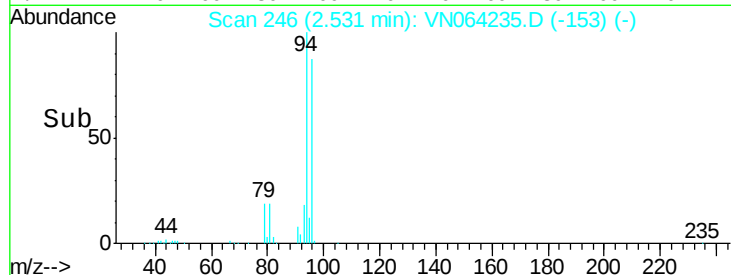
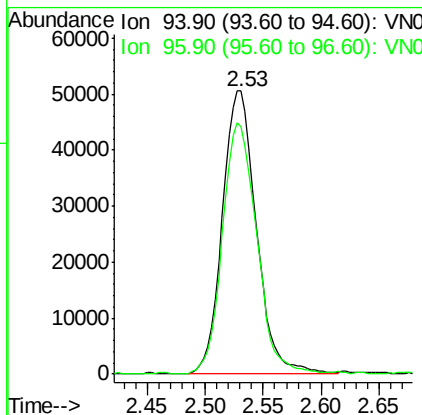
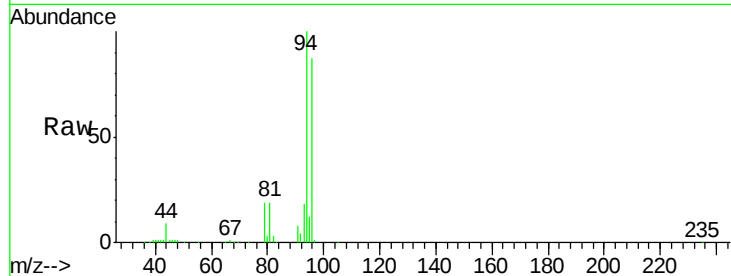
96 87.1 74.2 111.4

Manual Integrations

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#6

Chloroethane

Concen: 54.022 ug/l

RT: 2.67 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN064235.D

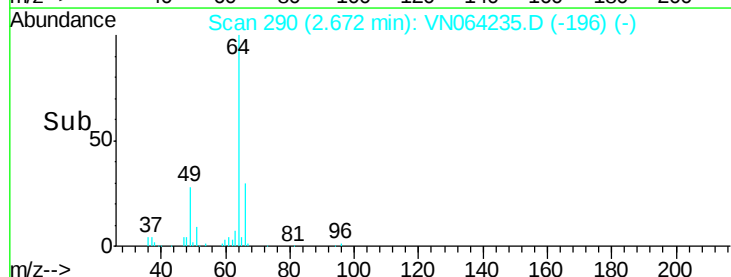
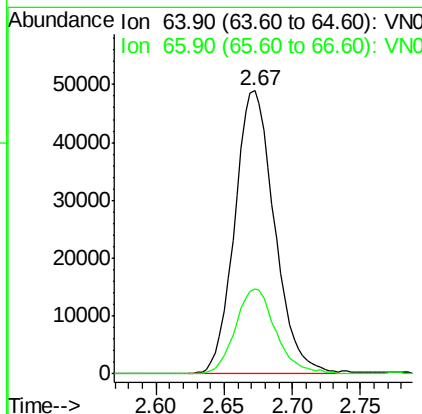
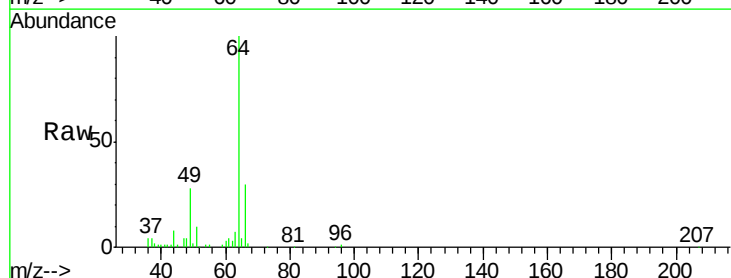
Acq: 21 Oct 2020 20:41

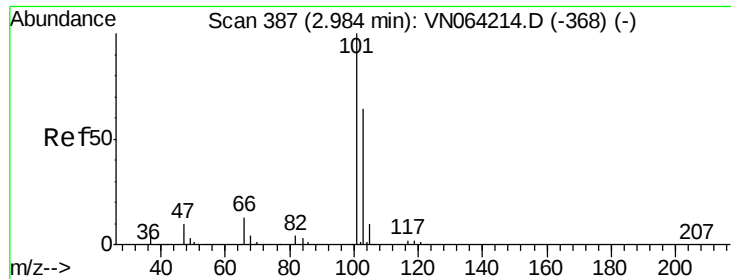
Tgt Ion: 64 Resp: 99214

Ion Ratio Lower Upper

64 100

66 30.0 24.5 36.7





#7

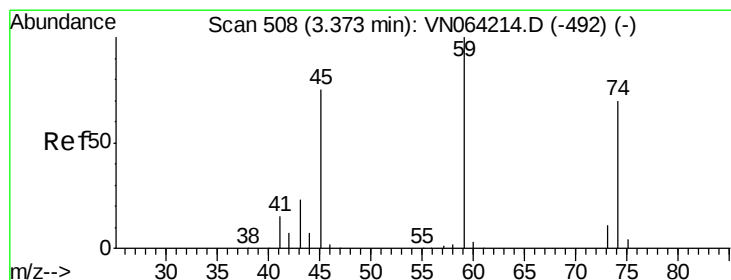
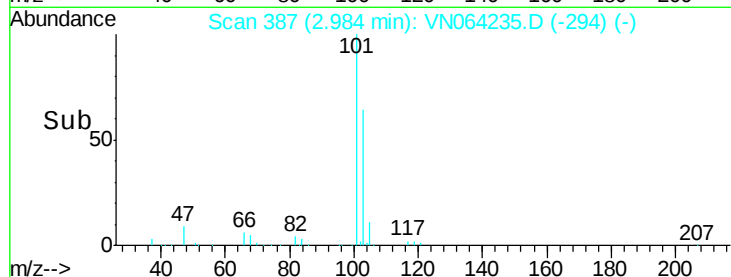
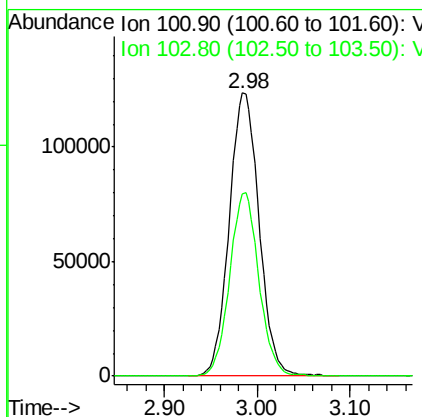
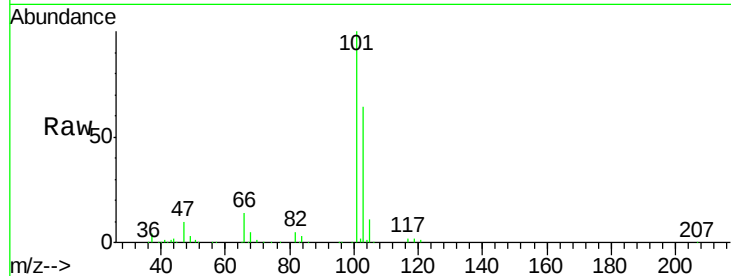
Trichlorofluoromethane
 Concen: 55.752 ug/l
 RT: 2.98 min Scan# 387
 Delta R.T. -0.00 min
 Lab File: VN064235.D
 Acq: 21 Oct 2020 20:41

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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.3	51.0	76.6

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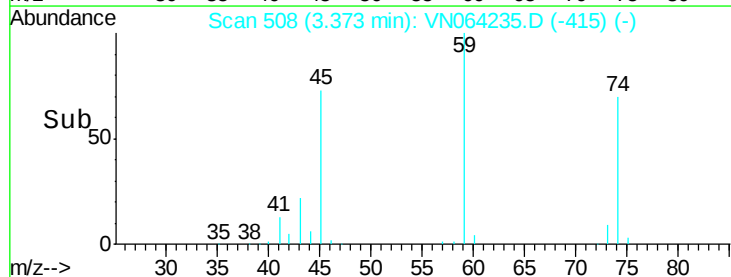
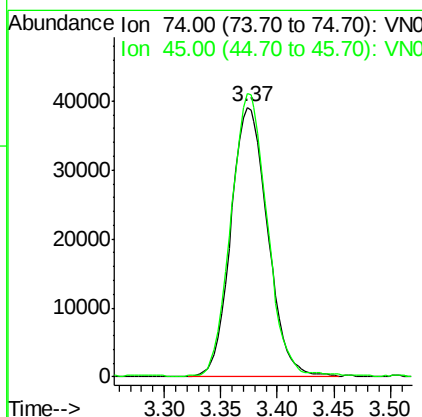
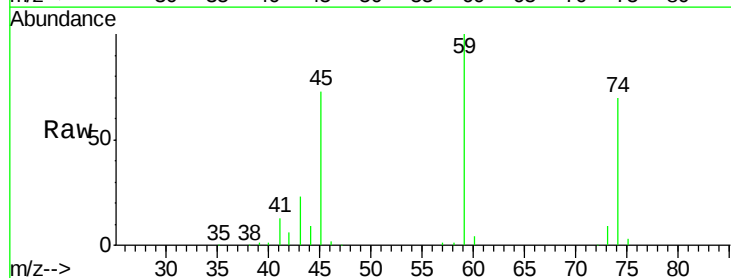
MMDadoda
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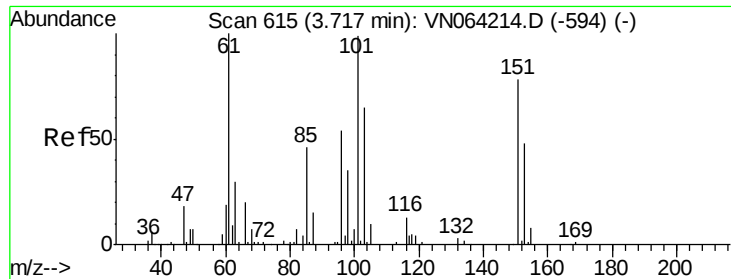


#8

Diethyl Ether
 Concen: 54.151 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN064235.D
 Acq: 21 Oct 2020 20:41

Tgt Ion	Ratio	Lower	Upper
74	100		
45	104.1	51.3	154.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.679 ug/l

RT: 3.72 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN064235.D

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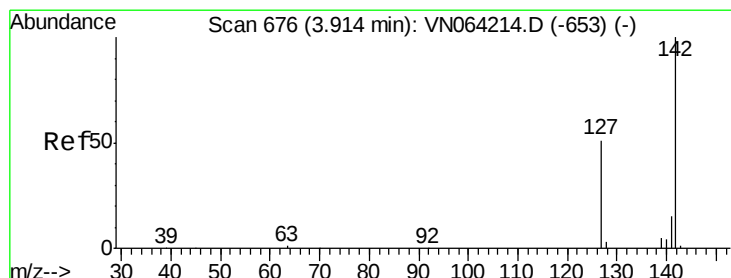
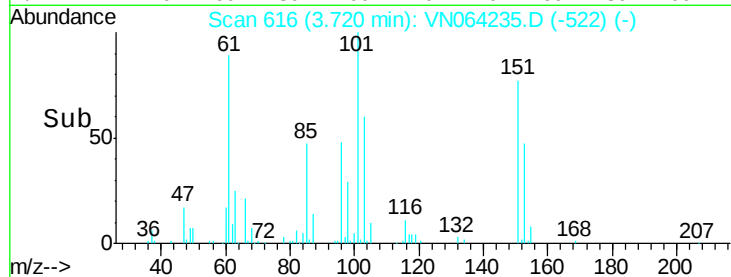
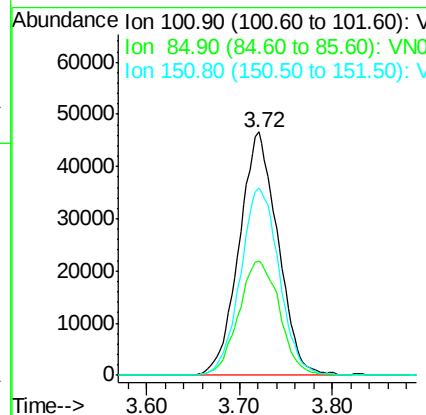
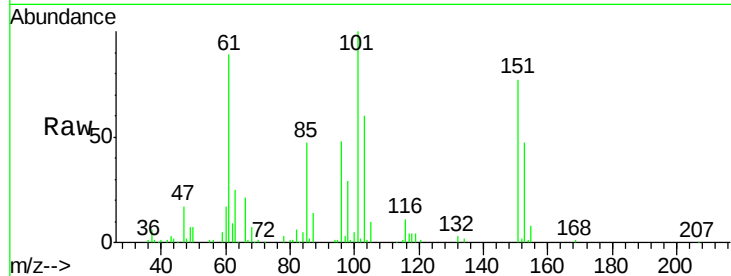
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	135149
Ion Ratio	Lower	Upper	
101	100		
85	49.5	37.8	56.8
151	77.0	61.4	92.2

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#10

Methyl Iodide

Concen: 52.518 ug/l

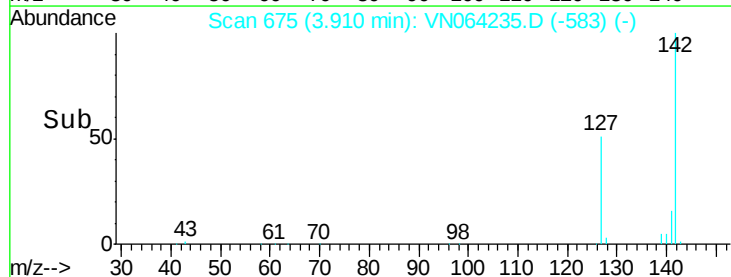
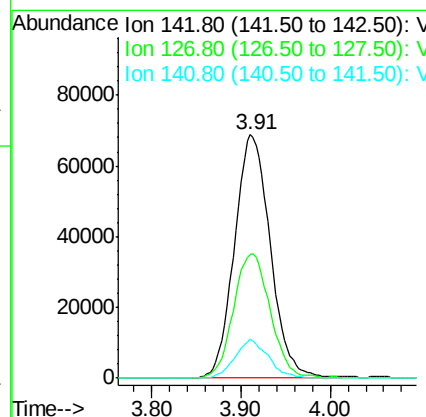
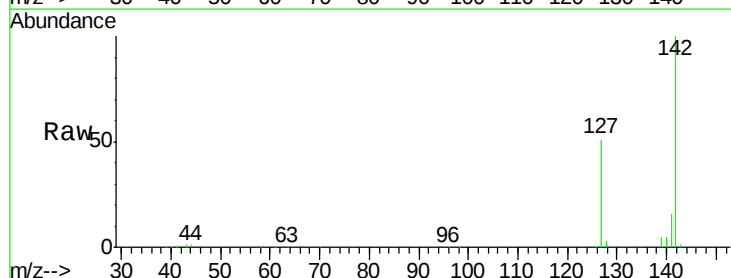
RT: 3.91 min Scan# 675

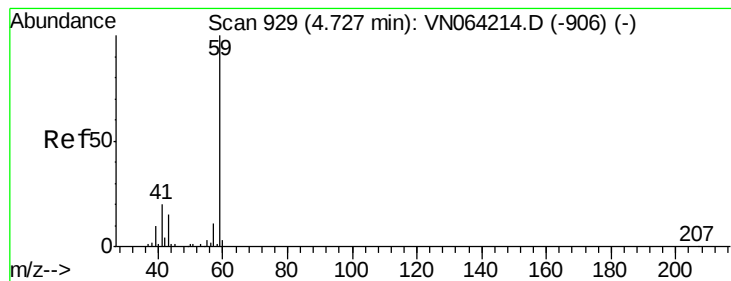
Delta R.T. -0.00 min

Lab File: VN064235.D

Acq: 21 Oct 2020 20:41

Tgt Ion:	142	Resp:	191598
Ion Ratio	Lower	Upper	
142	100		
127	52.3	41.0	61.6
141	14.6	11.3	16.9





#11

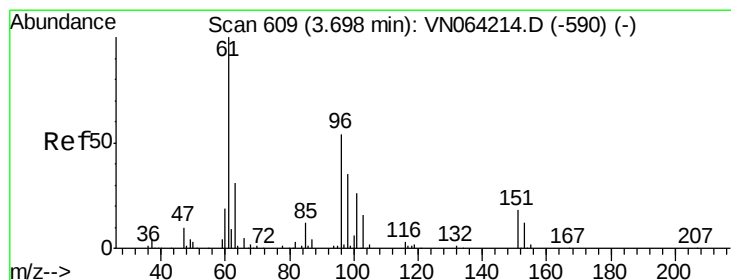
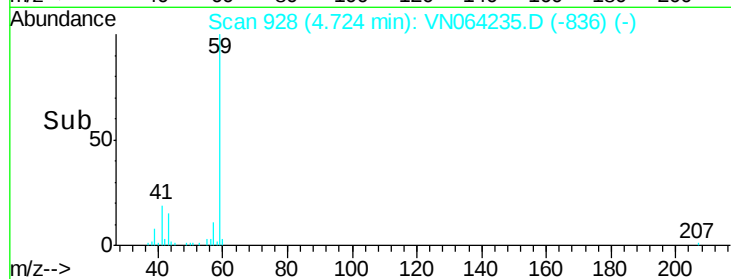
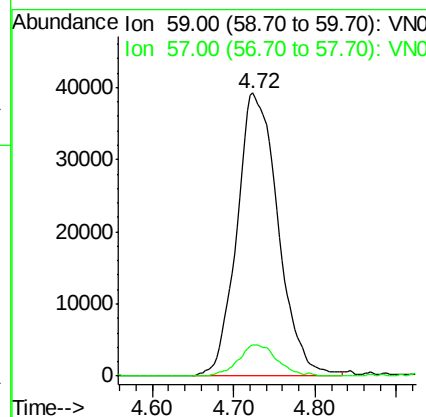
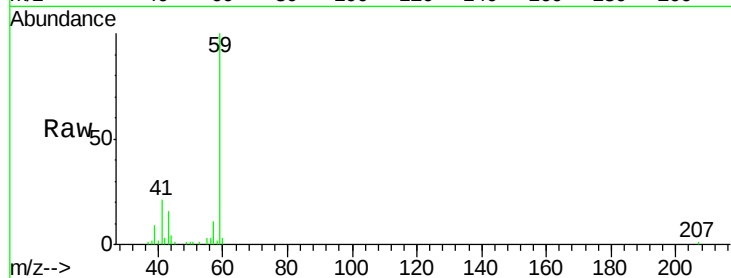
Tert butyl alcohol
Concen: 262.681 ug/l
RT: 4.72 min Scan# 928
Delta R.T. -0.00 min
Lab File: VN064235.D
Acq: 21 Oct 2020 20:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	9.2	13.8

Manual Integrations
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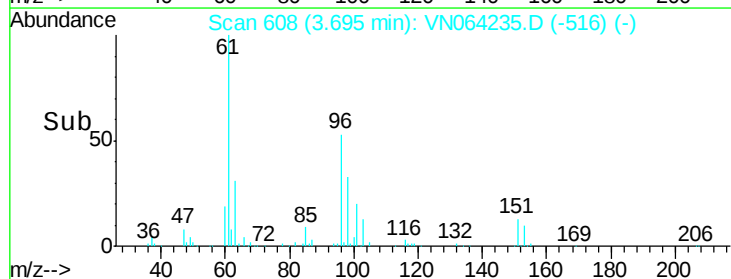
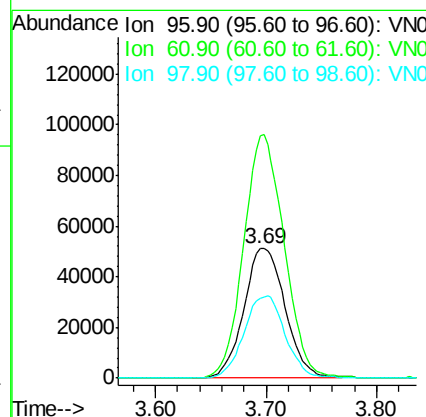
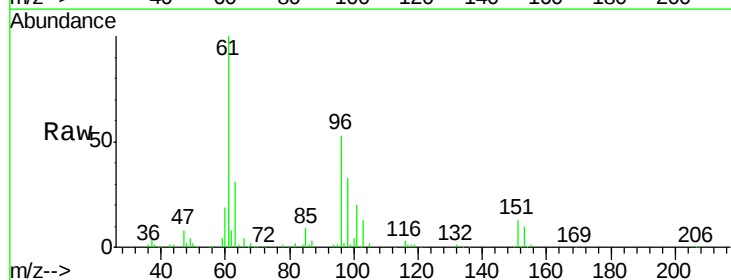
MMDadoda
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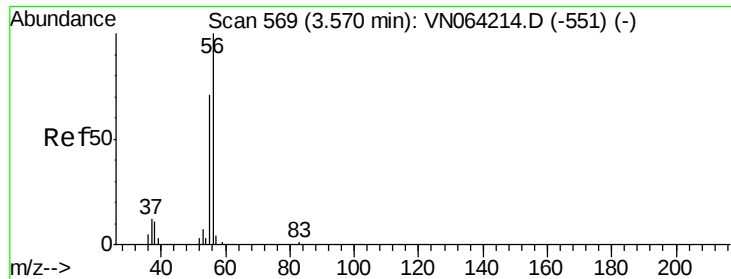


#12

1,1-Dichloroethene
Concen: 53.813 ug/l
RT: 3.69 min Scan# 608
Delta R.T. -0.00 min
Lab File: VN064235.D
Acq: 21 Oct 2020 20:41

Tgt Ion	Ratio	Lower	Upper
96	100		
61	187.0	147.0	220.4
98	61.4	51.7	77.5





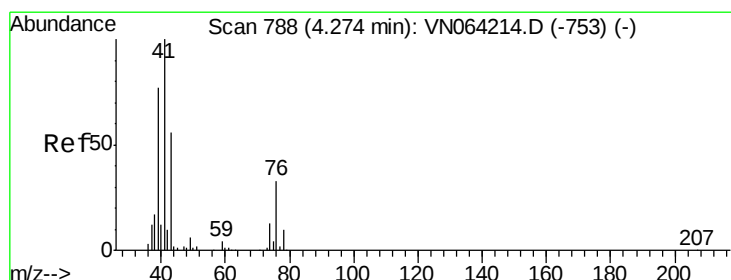
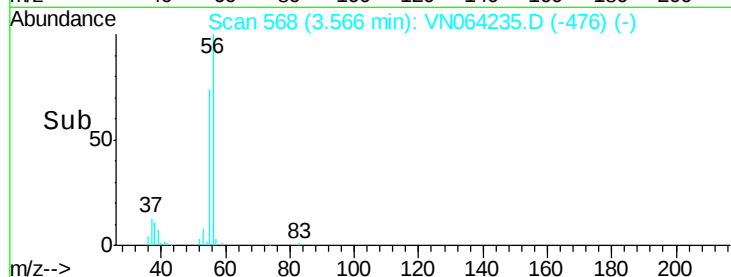
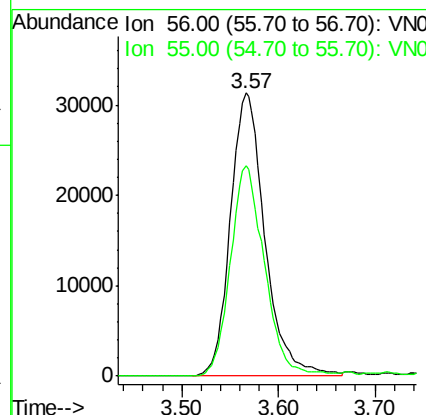
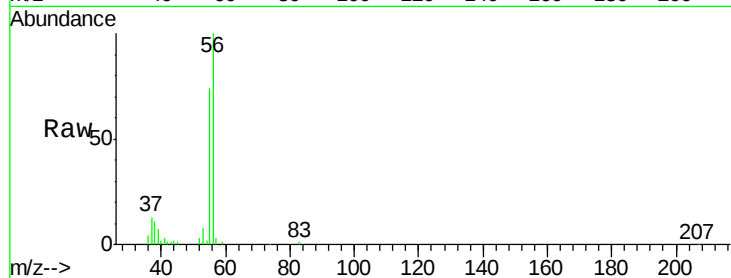
#13
Acrolein
Concen: 236.534 ug/l
RT: 3.57 min Scan# 568
Delta R.T. -0.00 min
Lab File: VN064235.D
Acq: 21 Oct 2020 20:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 56 Resp: 77713
Ion Ratio Lower Upper
56 100
55 73.7 56.1 84.1

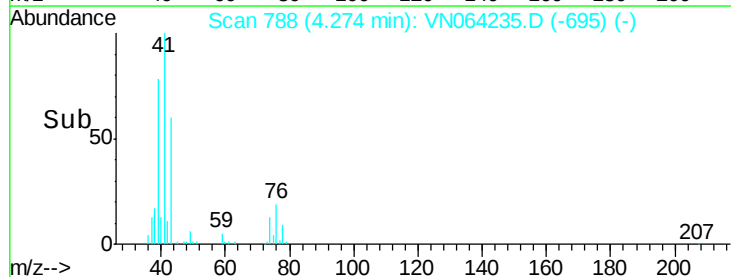
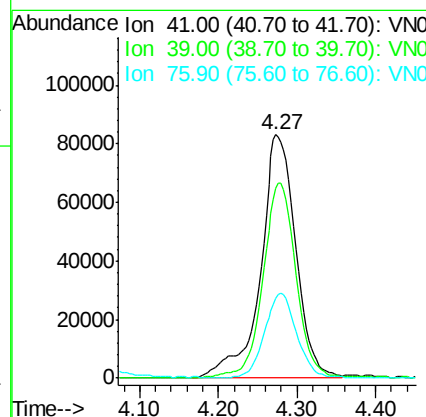
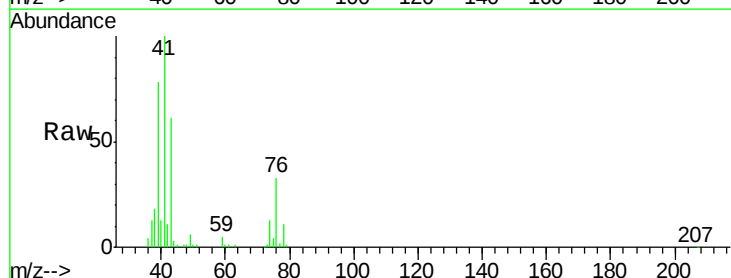
Manual Integrations
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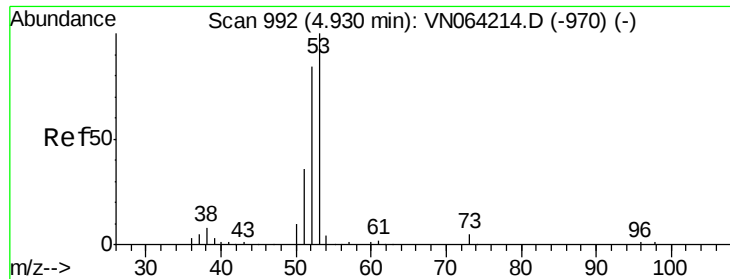
MMDadoda
10/23/2020 2:10:28 PM



#14
Allyl chloride
Concen: 53.022 ug/l
RT: 4.27 min Scan# 788
Delta R.T. -0.00 min
Lab File: VN064235.D
Acq: 21 Oct 2020 20:41

Tgt Ion: 41 Resp: 261860
Ion Ratio Lower Upper
41 100
39 75.3 58.6 88.0
76 31.1 24.5 36.7





#15

Acrylonitrile

Concen: 279.219 ug/l

RT: 4.93 min Scan# 993

Delta R.T. 0.00 min

Lab File: VN064235.D

Acq: 21 Oct 2020 20:41

Instrument :

MSVOA_N

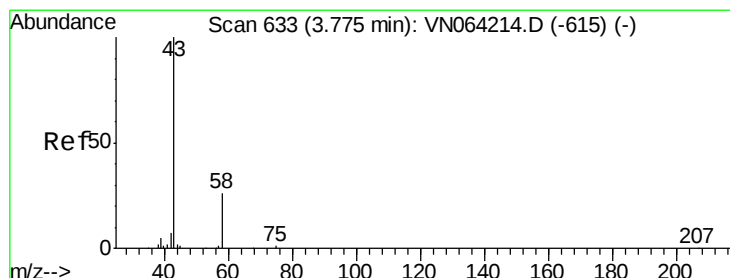
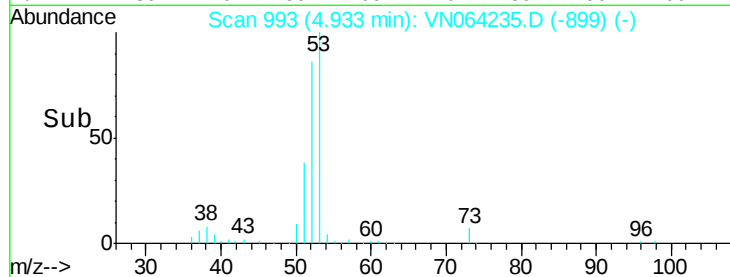
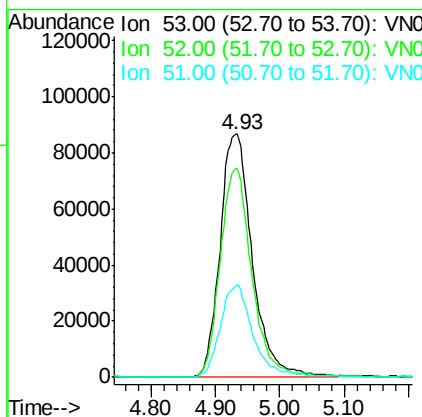
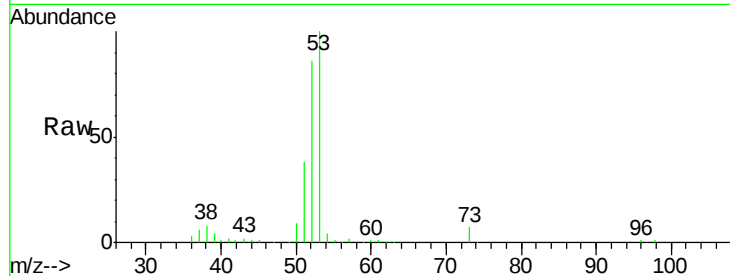
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	302193
Ion Ratio	Lower	Upper	
53	100		
52	83.2	66.8	100.2
51	37.1	30.7	46.1

Manual Integrations
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#16

Acetone

Concen: 280.275 ug/l

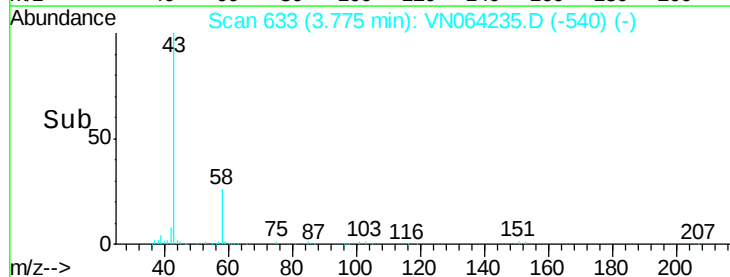
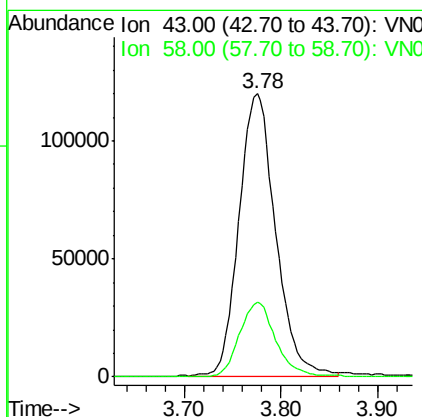
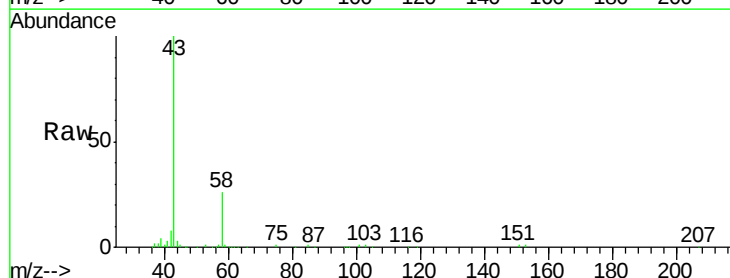
RT: 3.78 min Scan# 633

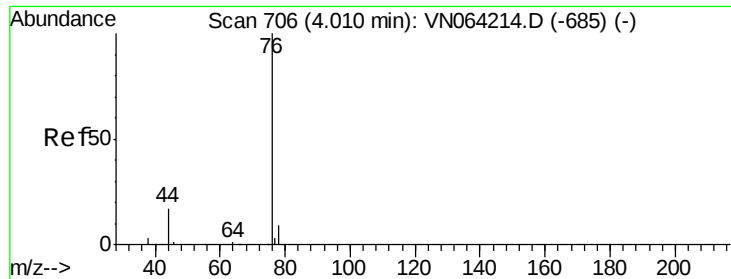
Delta R.T. -0.00 min

Lab File: VN064235.D

Acq: 21 Oct 2020 20:41

Tgt Ion:	43	Resp:	313555
Ion Ratio	Lower	Upper	
43	100		
58	26.5	21.0	31.4





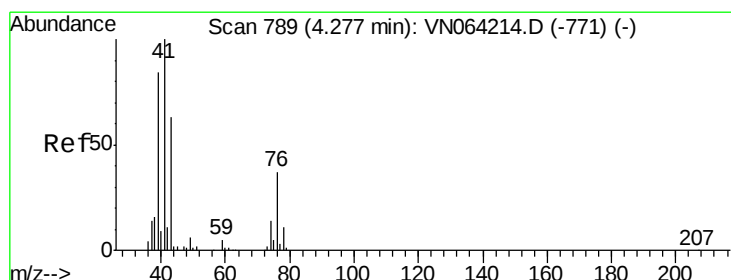
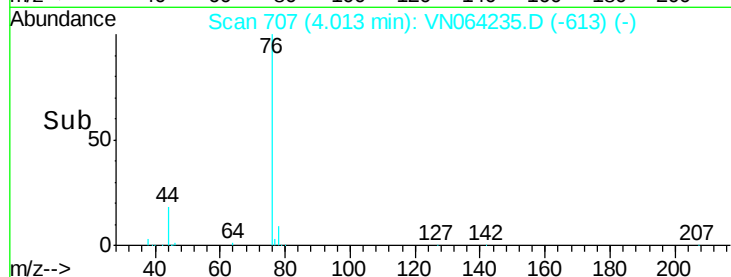
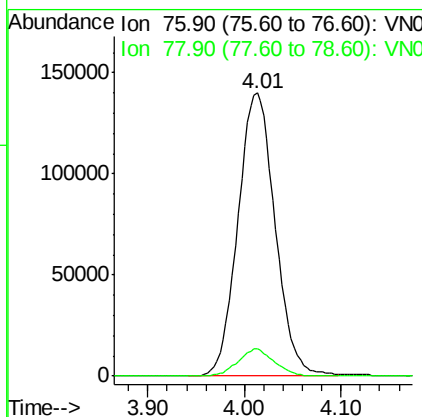
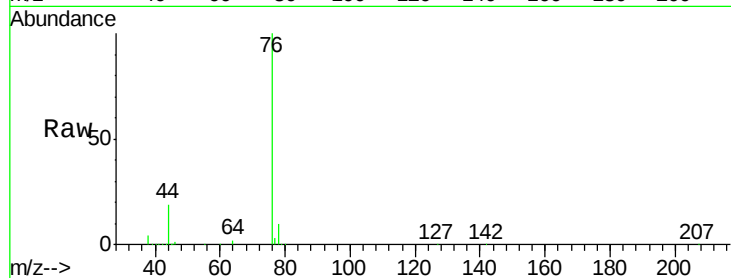
#17
Carbon Disulfide
Concen: 53.208 ug/l
RT: 4.01 min Scan# 707
Delta R.T. 0.00 min
Lab File: VN064235.D
Acq: 21 Oct 2020 20:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.8	7.1	10.7

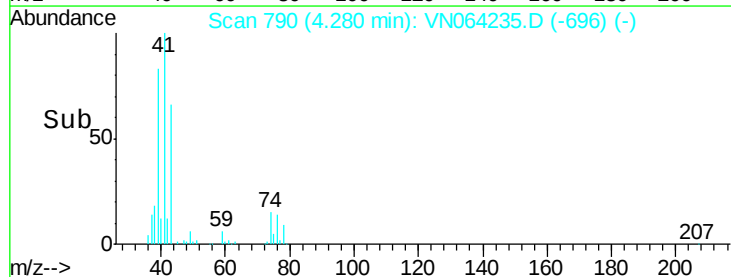
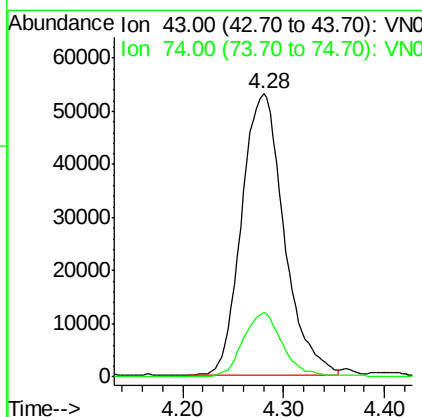
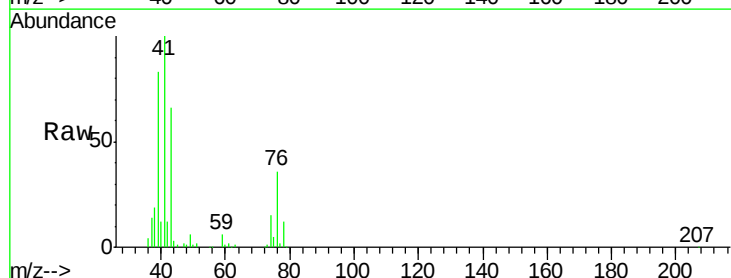
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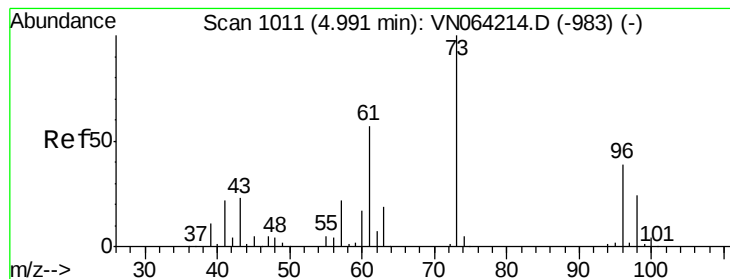
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#18
Methyl Acetate
Concen: 54.527 ug/l
RT: 4.28 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN064235.D
Acq: 21 Oct 2020 20:41

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.1	17.9	26.9





#19

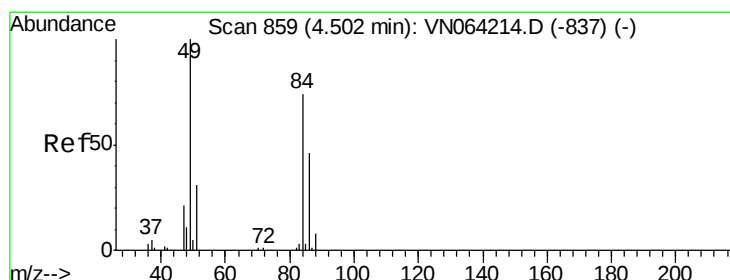
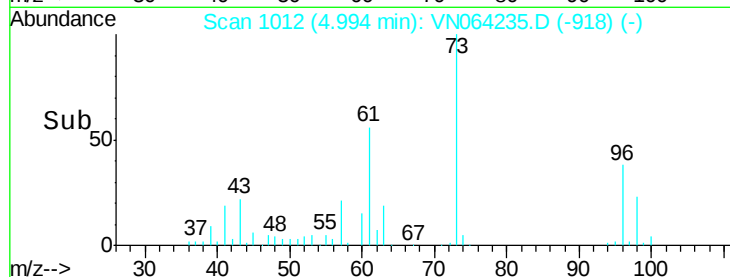
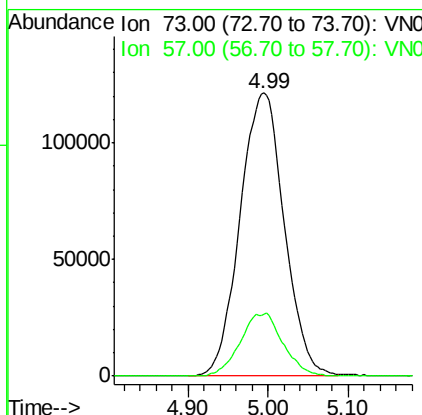
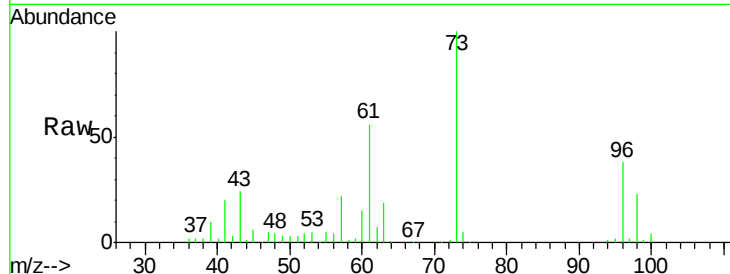
Methvl tert-butvl Ether
 Concen: 53.989 ug/l
 RT: 4.99 min Scan# 1012
 Delta R.T. 0.00 min
 Lab File: VN064235.D
 Acq: 21 Oct 2020 20:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	73	Resp	458013
Ion Ratio	100	Lower	Upper
57	22.0	18.0	27.0

Manual Integrations
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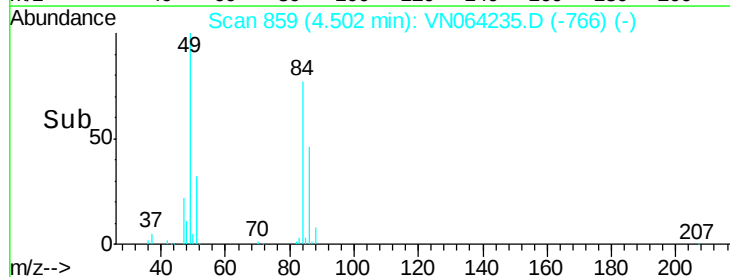
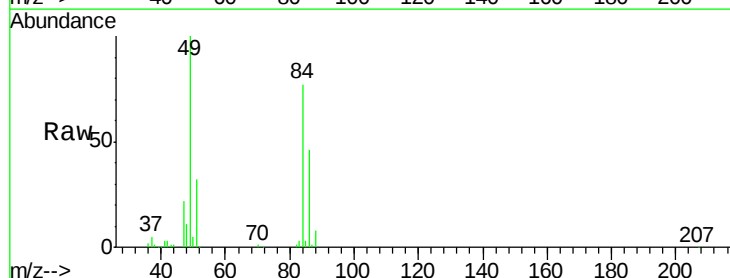
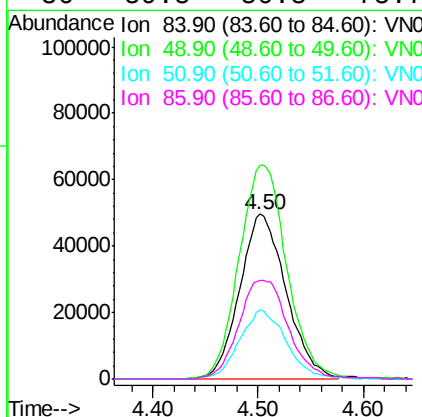
MMDadoda
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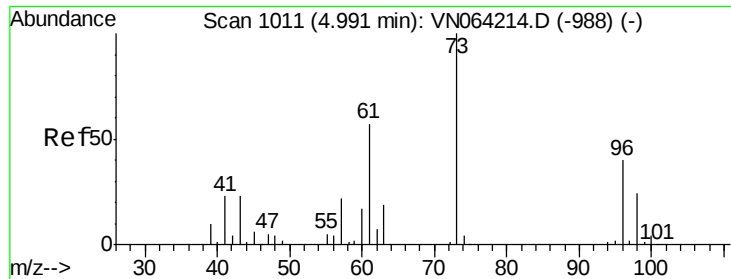


#20

Methylene Chloride
 Concen: 50.918 ug/l
 RT: 4.50 min Scan# 859
 Delta R.T. -0.00 min
 Lab File: VN064235.D
 Acq: 21 Oct 2020 20:41

Tgt Ion	84	Resp	151895
Ion Ratio	100	Lower	Upper
49	128.8	108.5	162.7
51	41.7	33.8	50.8
86	59.5	50.5	75.7





#21

trans-1,2-Dichloroethene

Concen: 53.331 ug/l

RT: 4.99 min Scan# 1011

Delta R.T. -0.00 min

Lab File: VN064235.D

Acq: 21 Oct 2020 20:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 145115

Ion Ratio Lower Upper

96 100

61 148.4 115.8 173.6

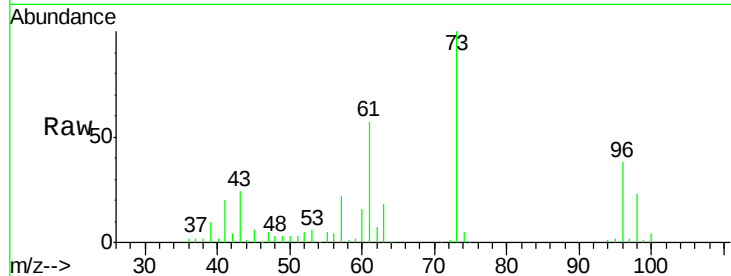
98 60.9 49.4 74.0

Manual Integrations

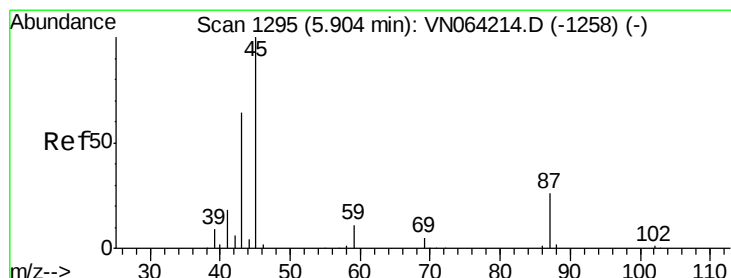
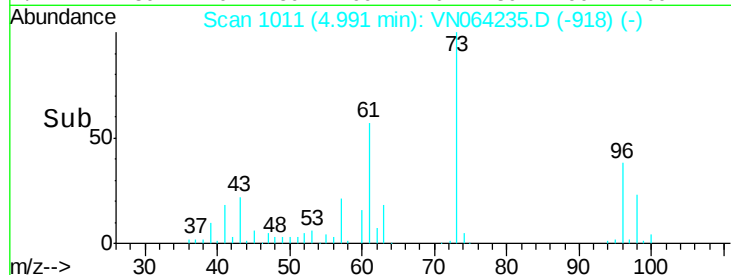
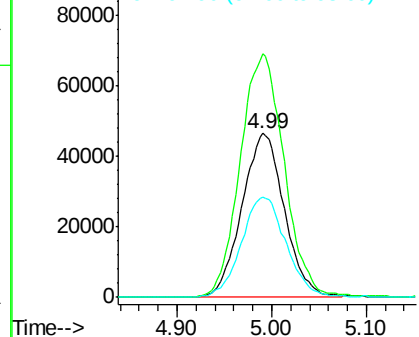
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Abundance Ion 95.90 (95.60 to 96.60): VNO
Ion 60.90 (60.60 to 61.60): VNO
Ion 97.90 (97.60 to 98.60): VNO



#22

Diisopropyl ether

Concen: 52.030 ug/l

RT: 5.90 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VN064235.D

Acq: 21 Oct 2020 20:41

Tgt Ion: 45 Resp: 477684

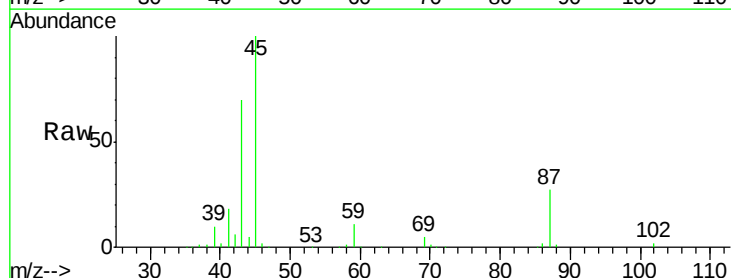
Ion Ratio Lower Upper

45 100

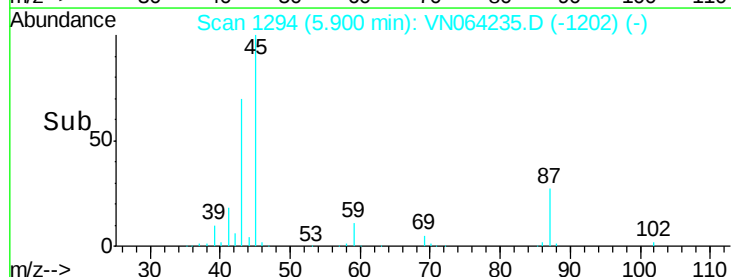
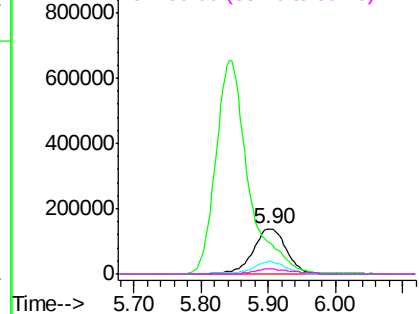
43 67.5 52.2 78.4

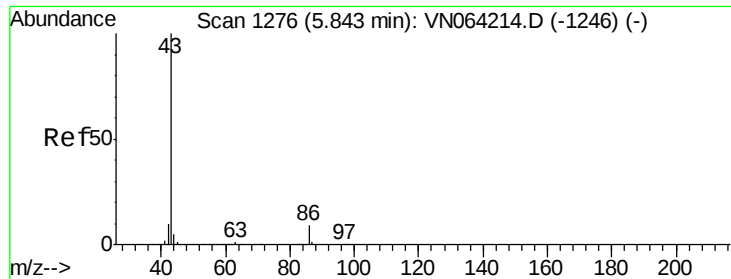
87 27.4 21.4 32.0

59 10.4 8.3 12.5



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





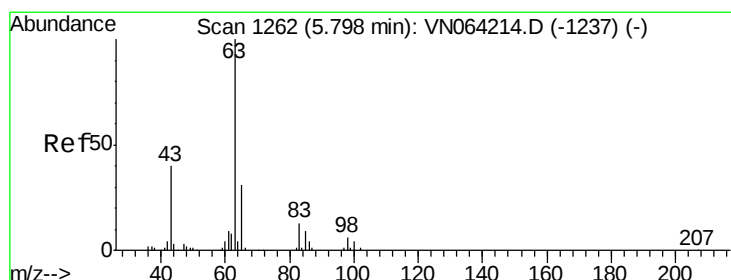
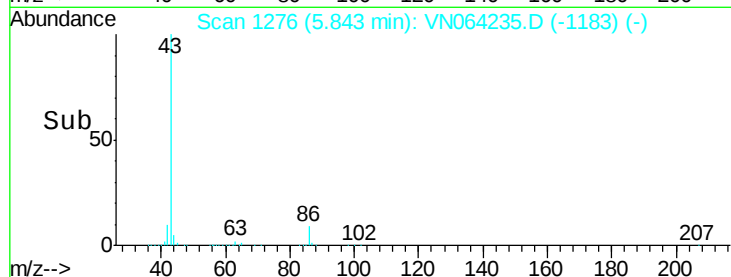
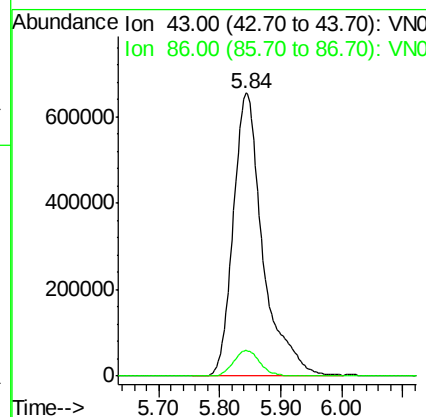
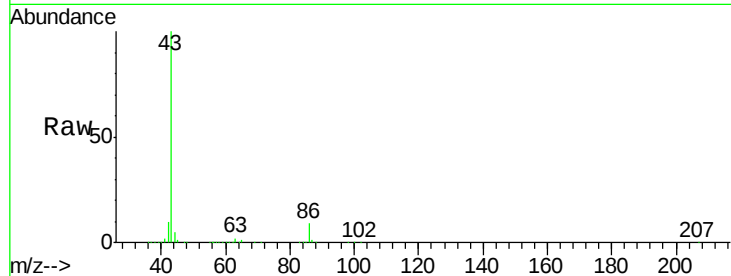
#23
 Vinyl Acetate
 Concen: 269.928 ug/l
 RT: 5.84 min Scan# 1276
 Delta R.T. -0.00 min
 Lab File: VN064235.D
 Acq: 21 Oct 2020 20:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 2210061
 Ion Ratio Lower Upper
 43 100
 86 9.1 7.4 11.0

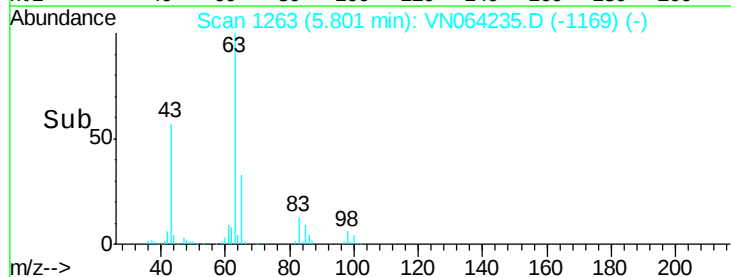
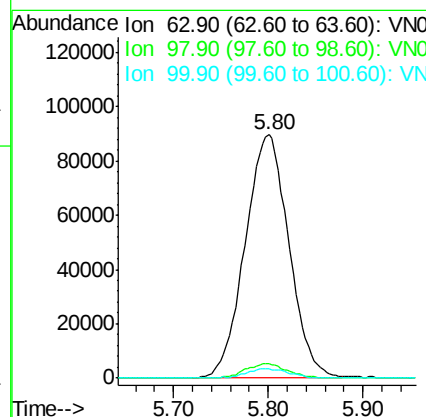
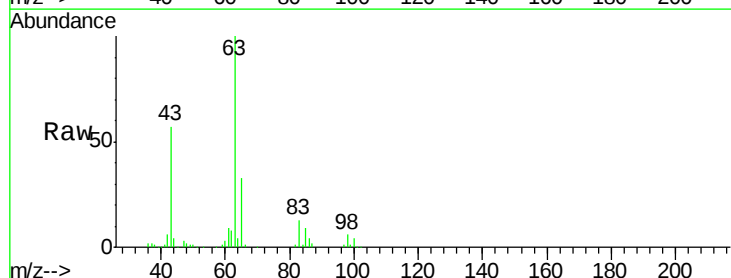
Manual Integrations
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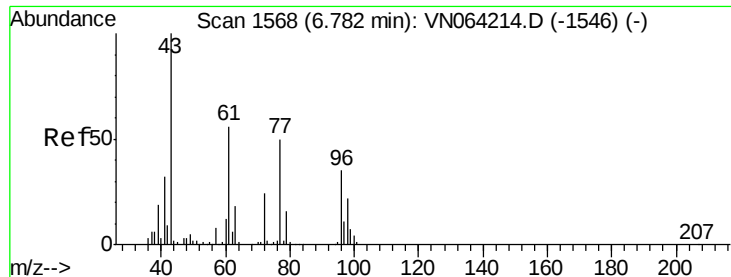
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#24
 1,1-Dichloroethane
 Concen: 54.107 ug/l
 RT: 5.80 min Scan# 1263
 Delta R.T. 0.00 min
 Lab File: VN064235.D
 Acq: 21 Oct 2020 20:41

Tgt Ion: 63 Resp: 287770
 Ion Ratio Lower Upper
 63 100
 98 5.9 2.9 8.7
 100 3.7 2.0 6.0





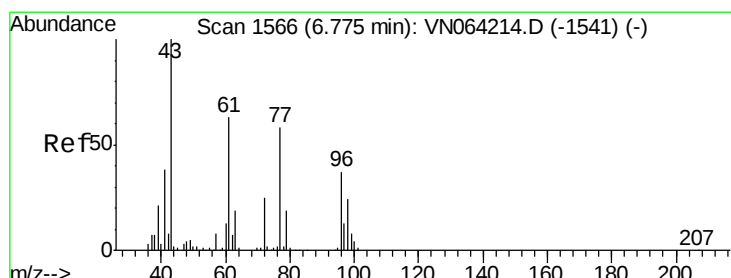
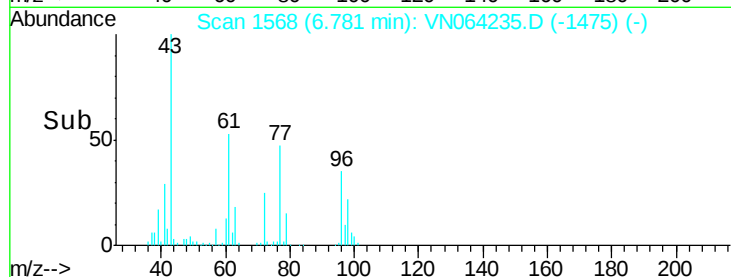
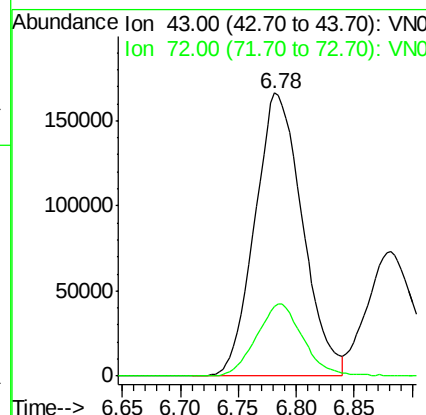
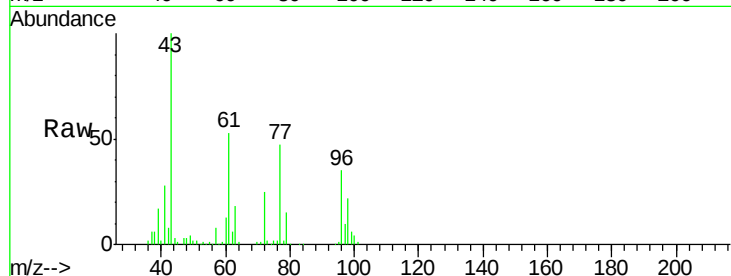
#25
2-Butanone
Concen: 265.881 ug/l
RT: 6.78 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VN064235.D
Acq: 21 Oct 2020 20:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 472583
Ion Ratio Lower Upper
43 100
72 24.6 19.4 29.0

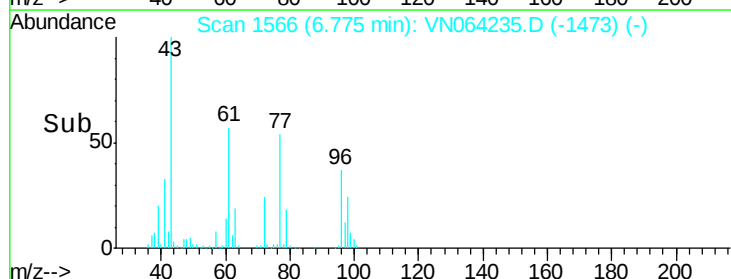
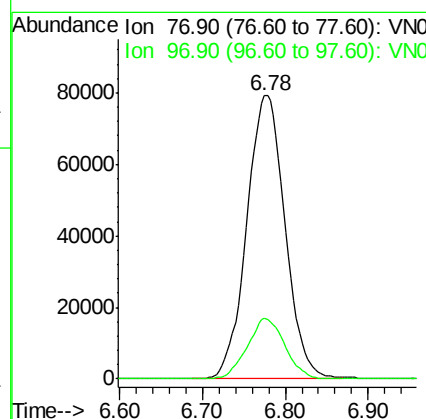
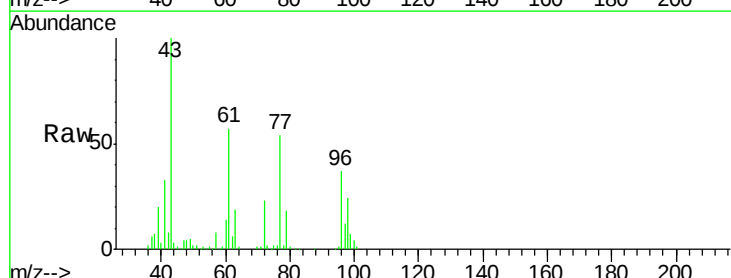
Manual Integrations
APPROVED

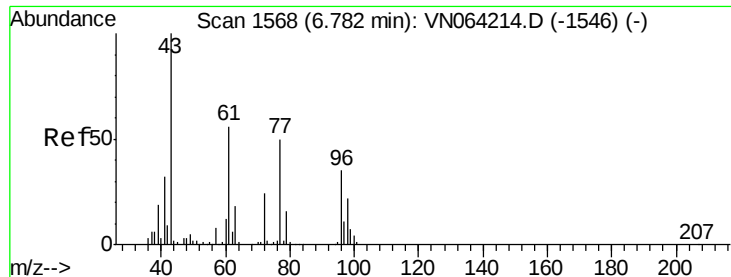
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10/23/2020 2:10:28 PM



#26
2,2-Dichloropropane
Concen: 47.966 ug/l
RT: 6.78 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VN064235.D
Acq: 21 Oct 2020 20:41

Tgt Ion: 77 Resp: 253976
Ion Ratio Lower Upper
77 100
97 20.9 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 53.827 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VN064235.D

Acq: 21 Oct 2020 20:41

Instrument :

MSVOA_N

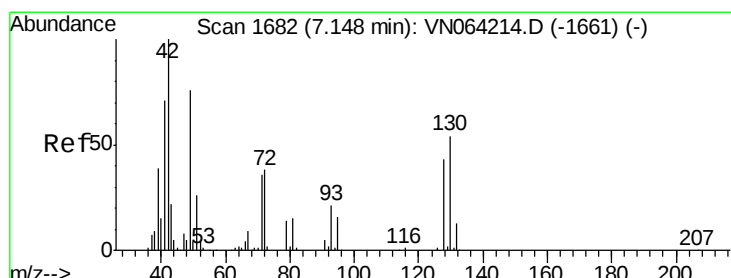
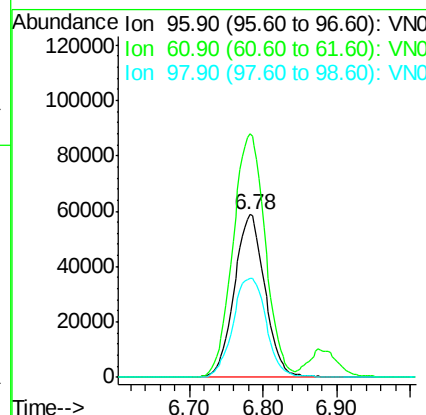
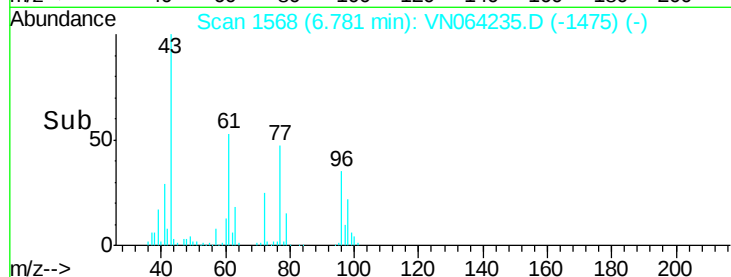
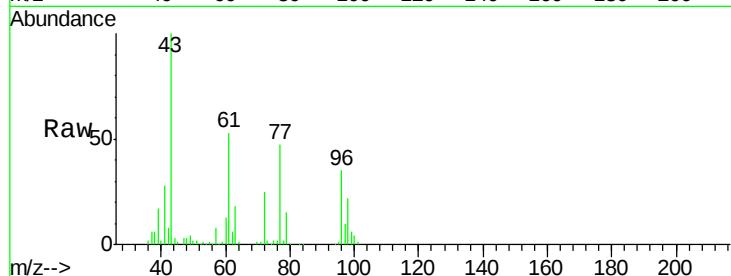
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	170568
Ion	Ratio	Lower	Upper
96	100		
61	157.1	0.0	330.0
98	65.6	0.0	130.6

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#28

Bromochloromethane

Concen: 53.854 ug/l

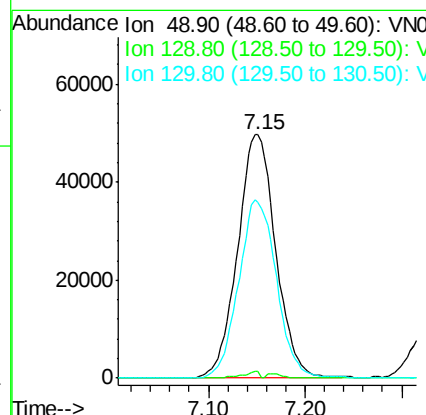
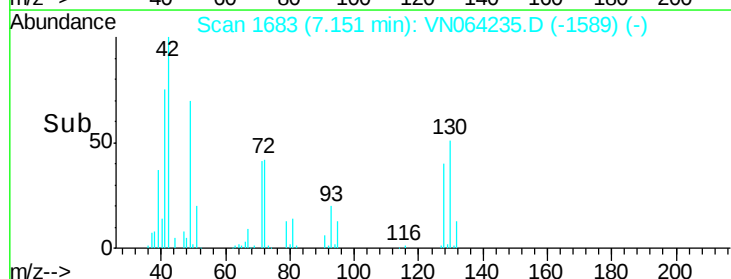
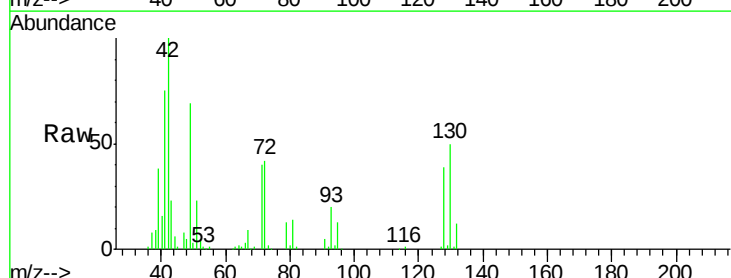
RT: 7.15 min Scan# 1683

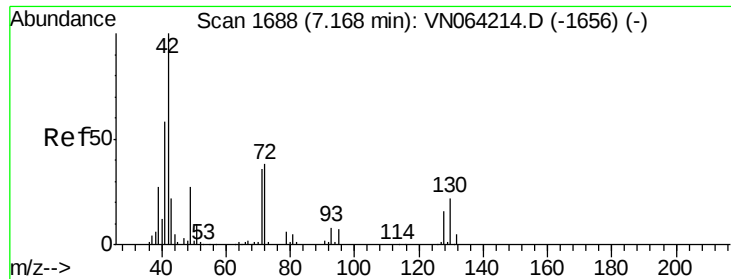
Delta R.T. 0.00 min

Lab File: VN064235.D

Acq: 21 Oct 2020 20:41

Tgt Ion:	49	Resp:	136070
Ion	Ratio	Lower	Upper
49	100		
129	1.2	0.0	2.8
130	72.5	58.8	88.2





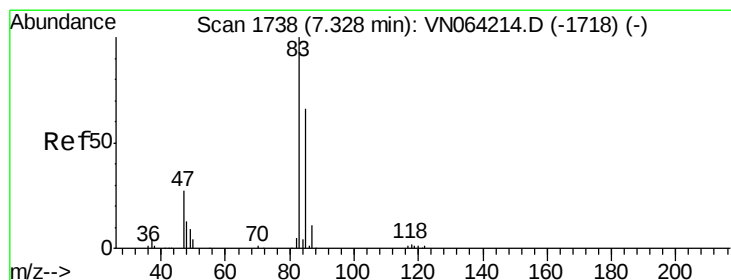
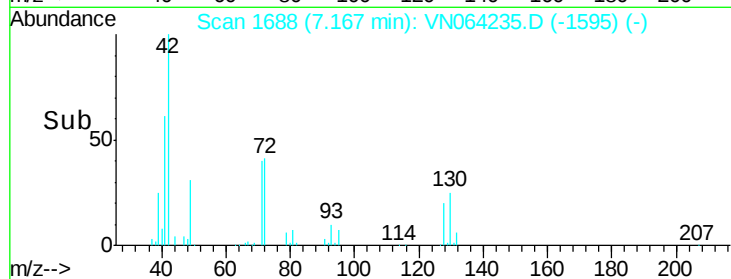
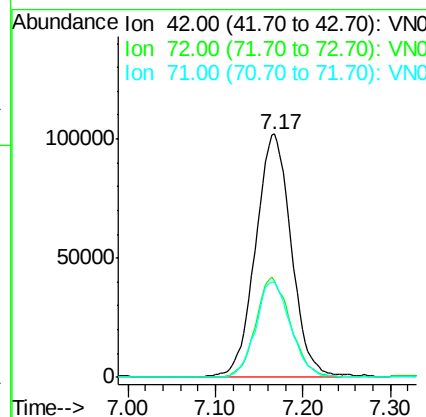
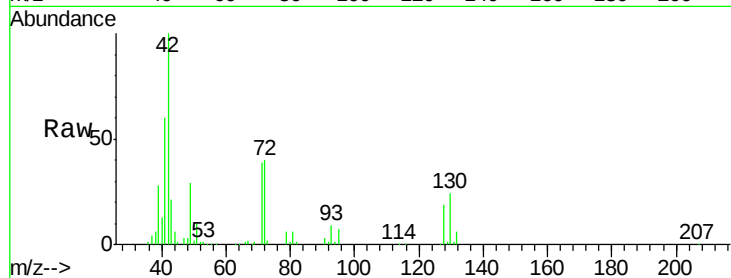
#29
Tetrahydrofuran
Concen: 270.394 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VN064235.D
Acq: 21 Oct 2020 20:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.2	30.8	46.2
71	38.6	29.0	43.6

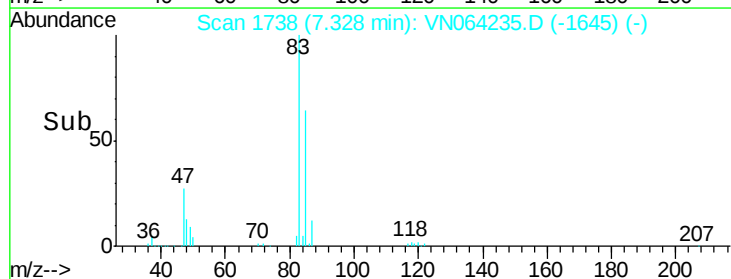
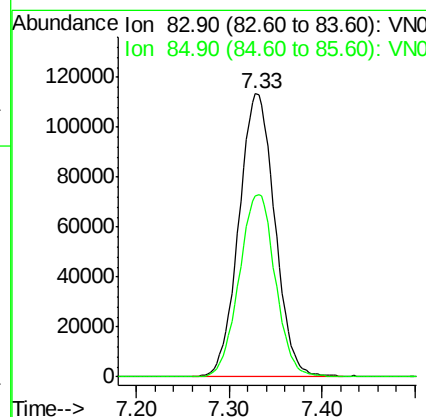
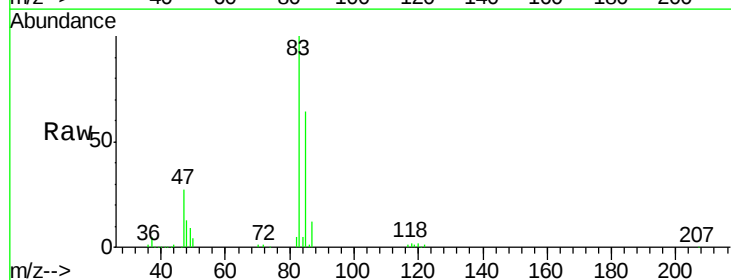
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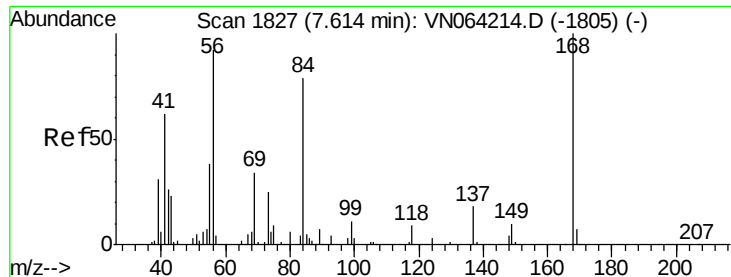
MMDadoda
10/23/2020 2:10:28 PM



#30
Chloroform
Concen: 53.810 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VN064235.D
Acq: 21 Oct 2020 20:41

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.7	52.5	78.7





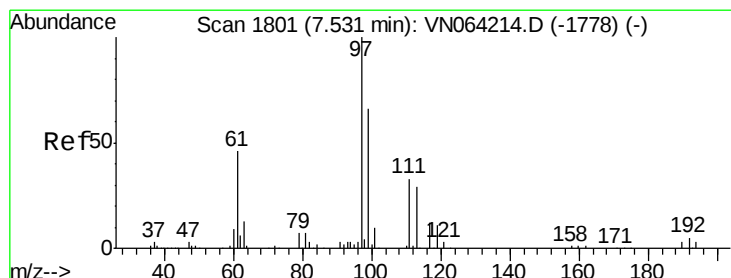
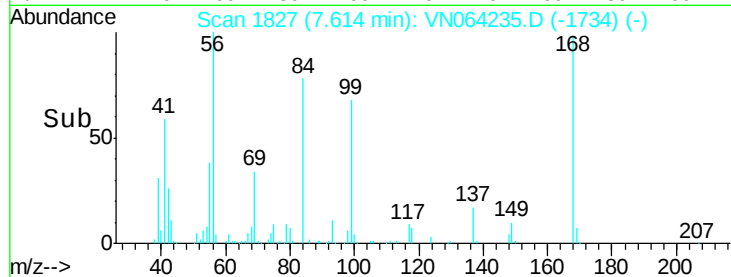
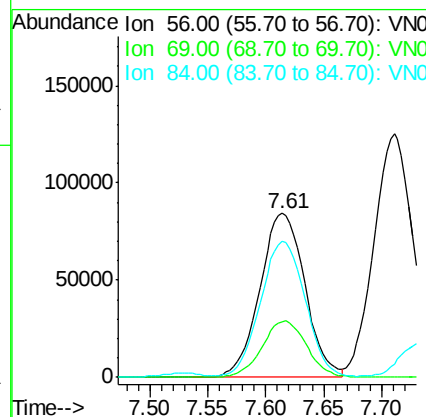
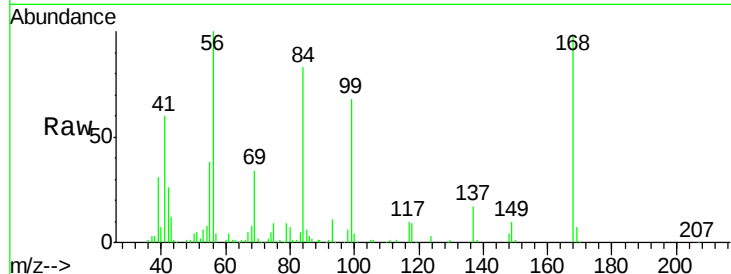
#31
Cyclohexane
Concen: 49.251 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. -0.00 min
Lab File: VN064235.D
Acq: 21 Oct 2020 20:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.0	29.8	44.6
84	81.3	68.1	102.1

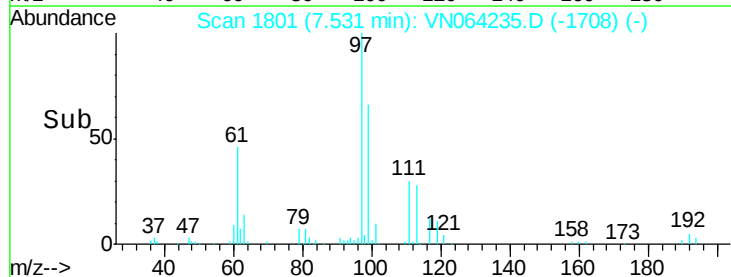
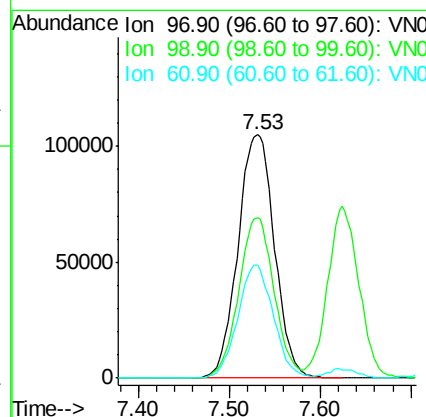
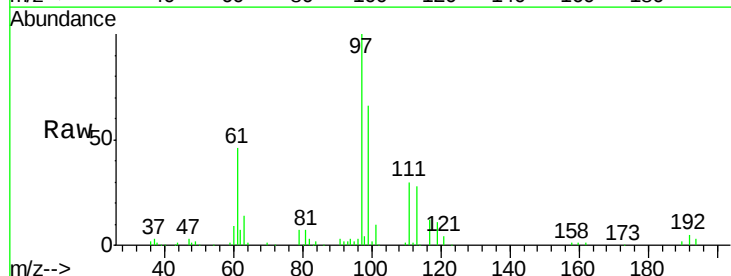
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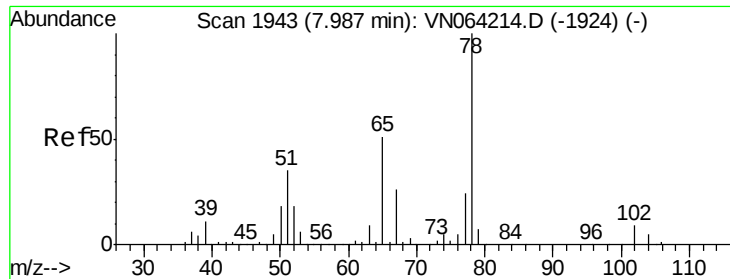
MMDadoda
10/23/2020 2:10:28 PM



#32
1,1,1-Trichloroethane
Concen: 55.020 ug/l
RT: 7.53 min Scan# 1801
Delta R.T. -0.00 min
Lab File: VN064235.D
Acq: 21 Oct 2020 20:41

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.2	76.8
61	45.4	36.3	54.5





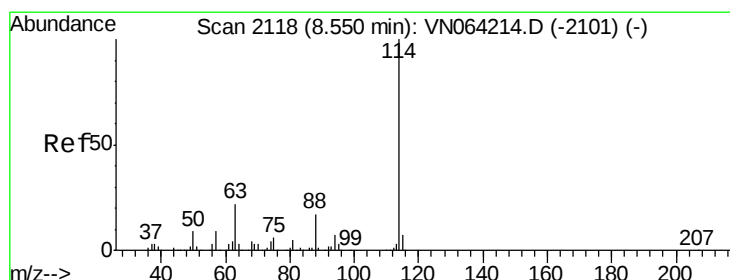
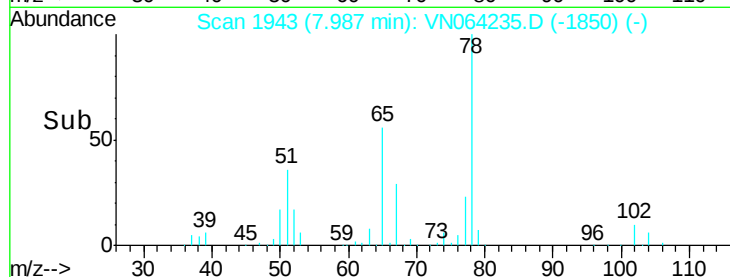
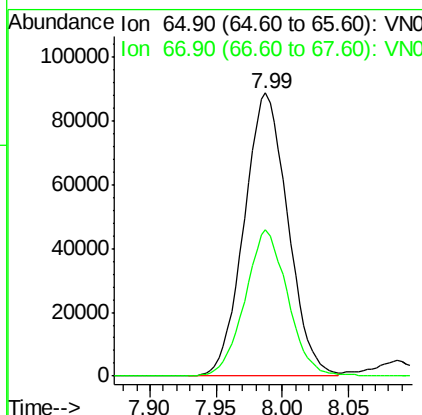
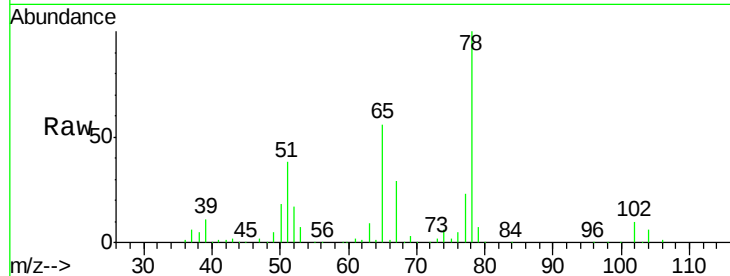
#33
 1,2-Dichloroethane-d4
 Concen: 52.072 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN064235.D
 Acq: 21 Oct 2020 20:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	203600		
67	50.4	0.0	100.2	

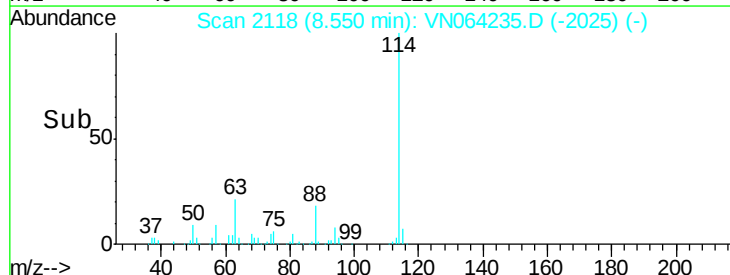
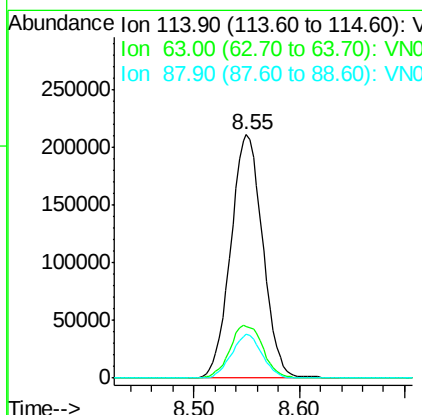
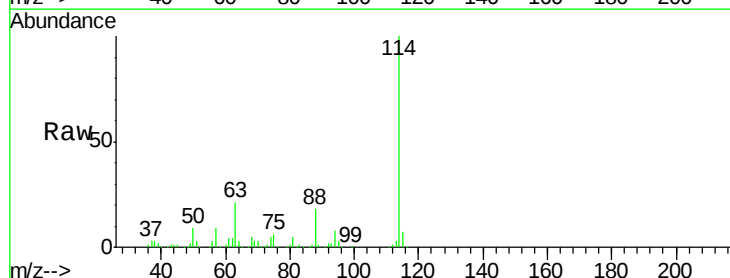
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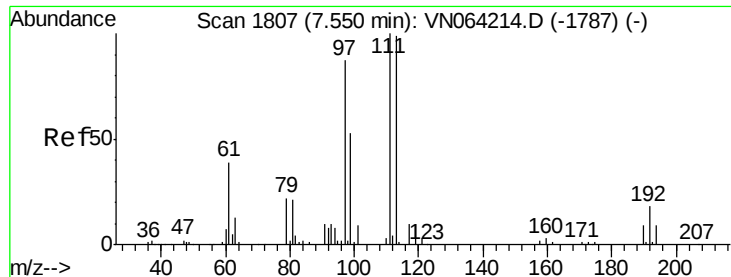
MMDadoda
 10/23/2020 2:10:28 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN064235.D
 Acq: 21 Oct 2020 20:41

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	443753		
63	21.3	0.0	44.0	
88	18.0	0.0	34.2	





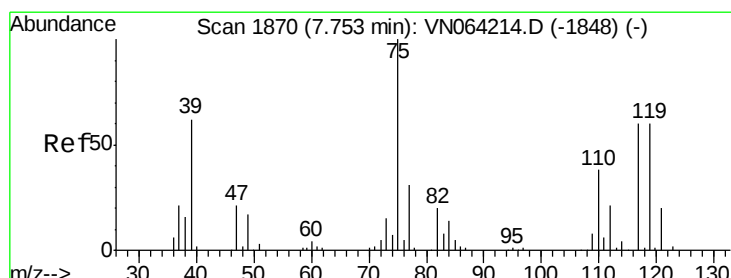
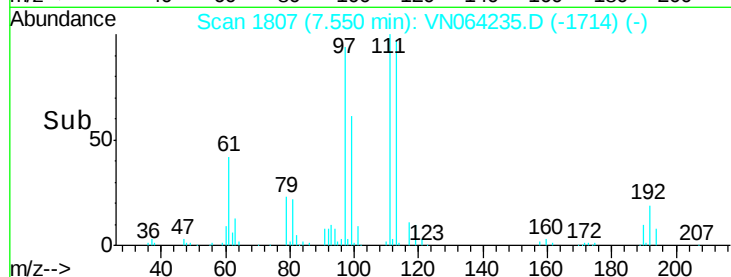
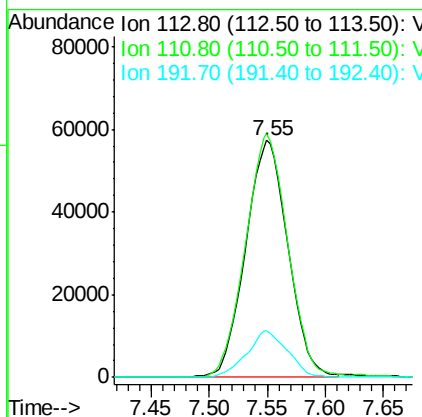
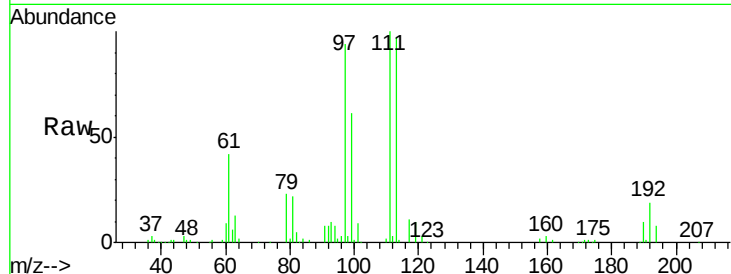
#35
 Dibromofluoromethane
 Concen: 49.192 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: VN064235.D
 Acq: 21 Oct 2020 20:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	145131		
111	103.1	84.2	126.2	
192	19.1	15.2	22.8	

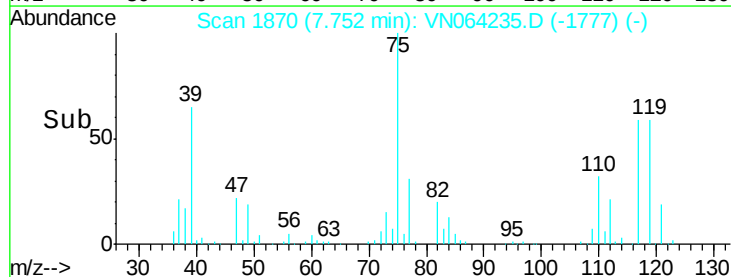
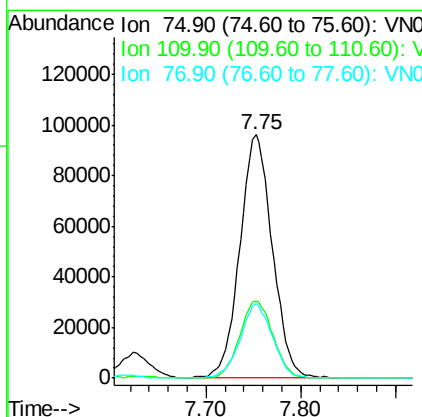
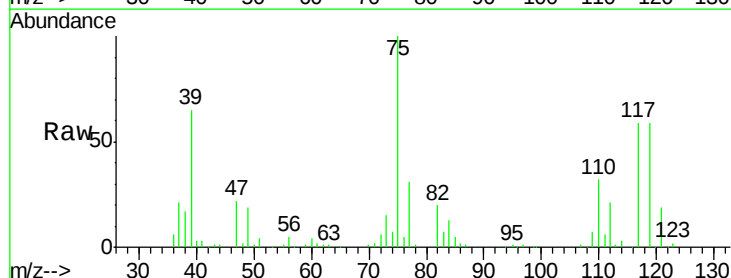
Manual Integrations
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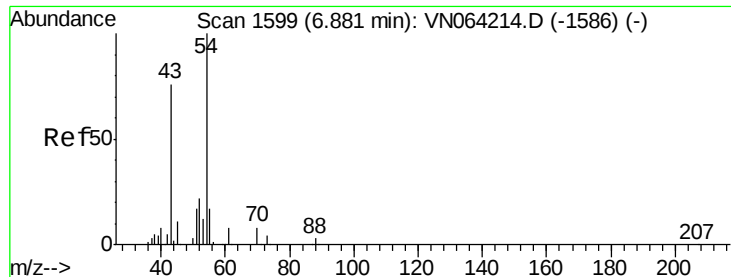
MMDadoda
 10/23/2020 2:10:28 PM



#36
 1,1-Dichloropropene
 Concen: 51.605 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: VN064235.D
 Acq: 21 Oct 2020 20:41

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	228301		
110	32.4	17.2	51.6	
77	30.6	24.9	37.3	





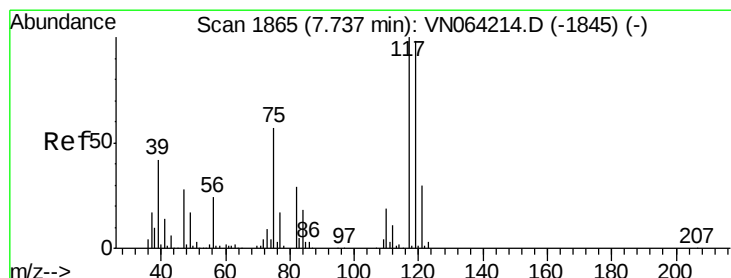
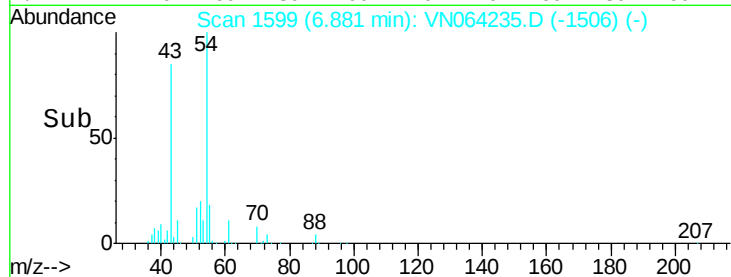
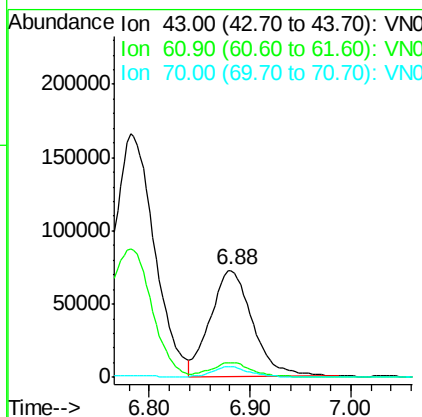
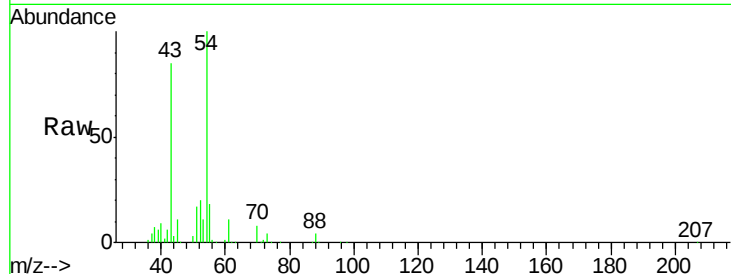
#37
Ethyl Acetate
Concen: 52.311 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VN064235.D
Acq: 21 Oct 2020 20:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.3	10.0	15.0
70	9.3	7.5	11.3

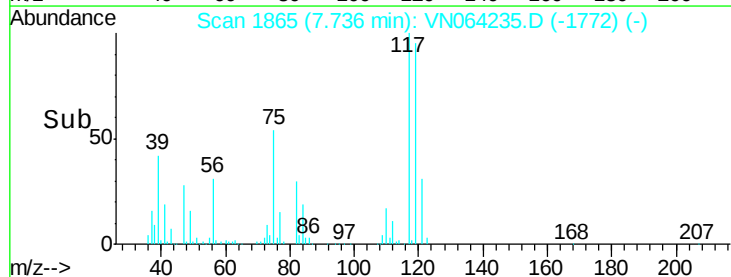
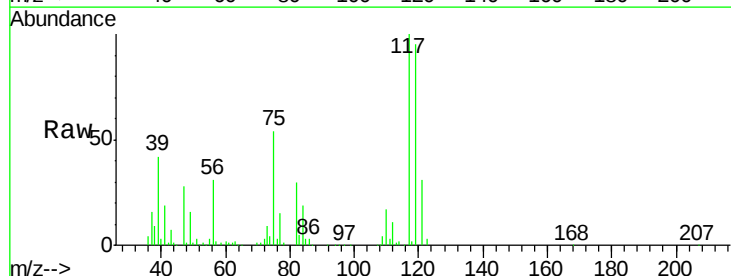
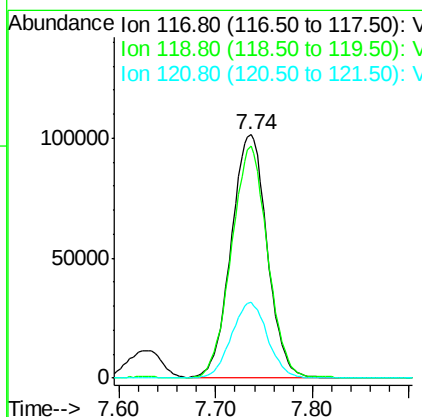
Manual Integrations
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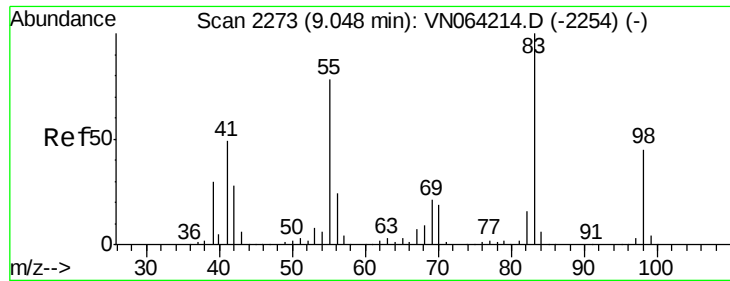
MMDadoda
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#38
Carbon Tetrachloride
Concen: 51.843 ug/l
RT: 7.74 min Scan# 1865
Delta R.T. -0.00 min
Lab File: VN064235.D
Acq: 21 Oct 2020 20:41

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.4	78.5	117.7
121	31.0	24.3	36.5





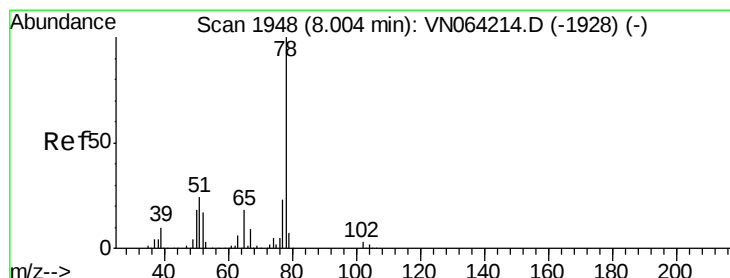
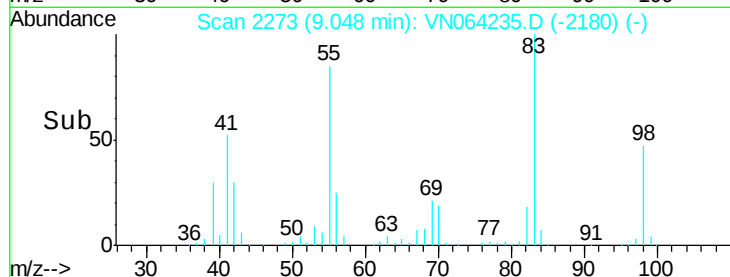
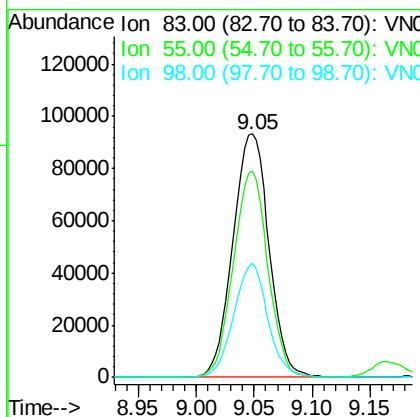
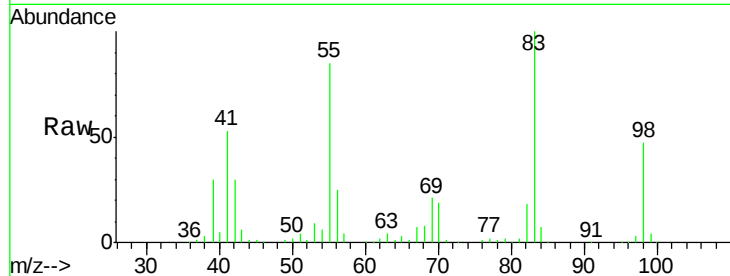
#39
Methvlcvclohexane
Concen: 50.115 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN064235.D
Acq: 21 Oct 2020 20:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	84.9	62.2	93.2
98	46.7	35.9	53.9

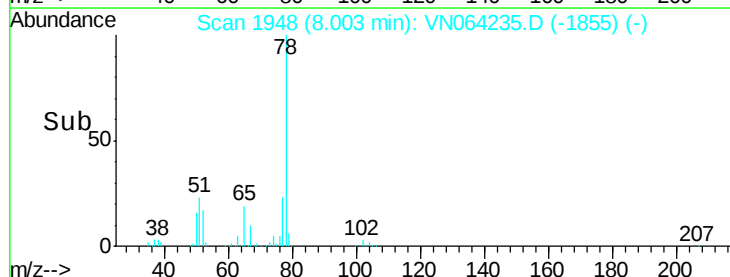
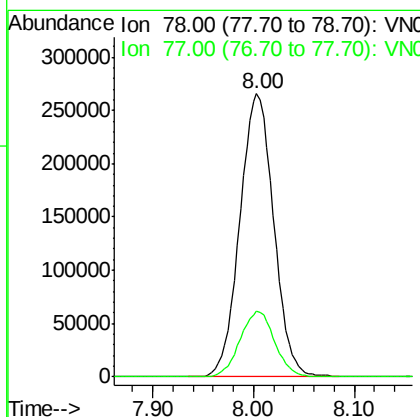
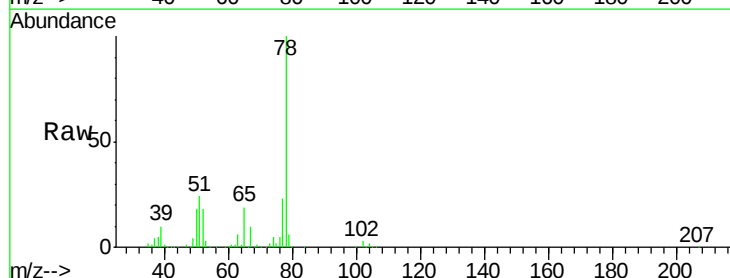
Manual Integrations
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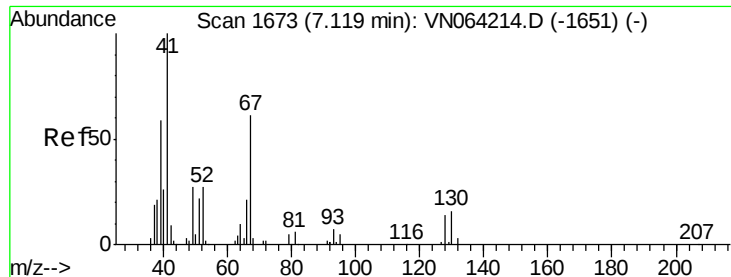
MMDadoda
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#40
Benzene
Concen: 50.561 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. -0.00 min
Lab File: VN064235.D
Acq: 21 Oct 2020 20:41

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.0	18.3	27.5





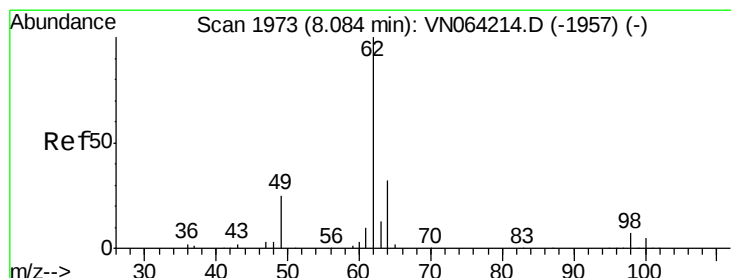
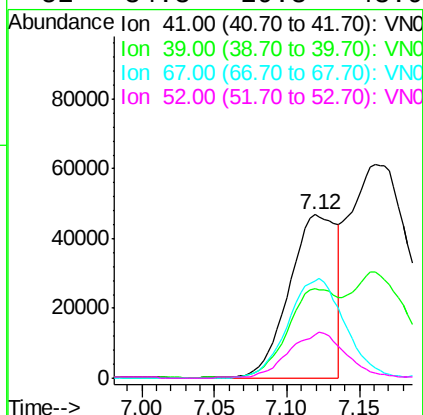
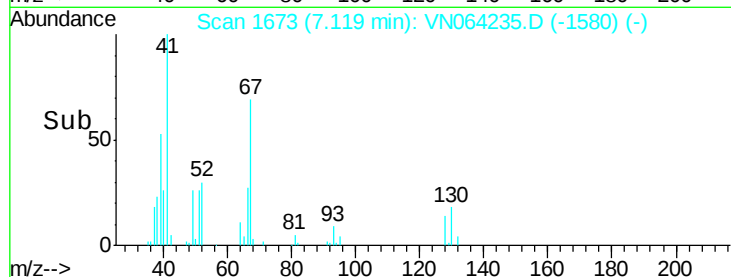
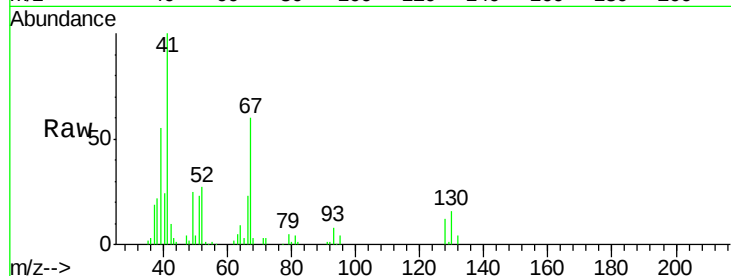
#41
Methacrylonitrile
Concen: 50.429 ug/l
RT: 7.12 min Scan# 1673
Delta R.T. -0.00 min
Lab File: VN064235.D
Acq: 21 Oct 2020 20:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	54.7	50.5	75.7		
67	73.3	63.2	94.8		
52	34.3	29.3	43.9		

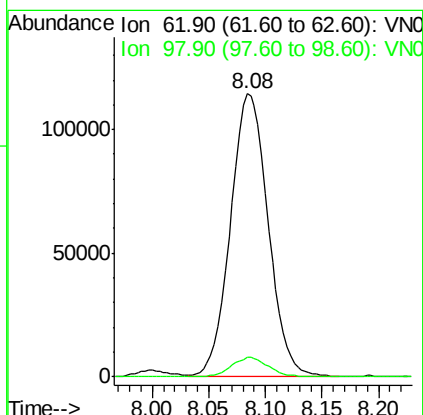
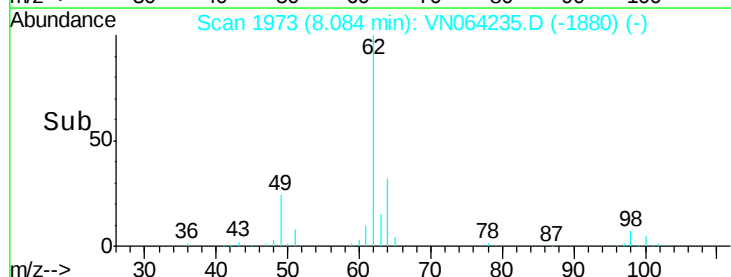
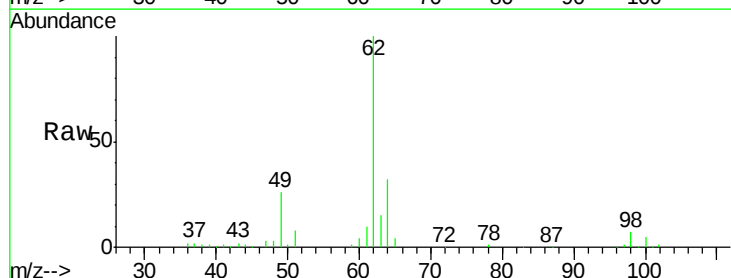
Manual Integrations
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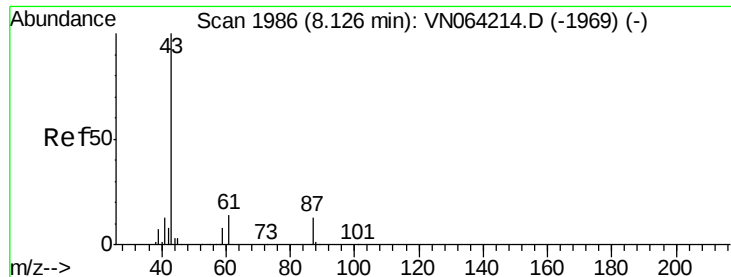
MMDadoda
10/23/2020 2:10:28 PM



#42
1,2-Dichloroethane
Concen: 50.554 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN064235.D
Acq: 21 Oct 2020 20:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	6.8	0.0	15.0		





#43

Isopropyl Acetate

Concen: 52.155 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN064235.D

Acq: 21 Oct 2020 20:41

Instrument :

MSVOA_N

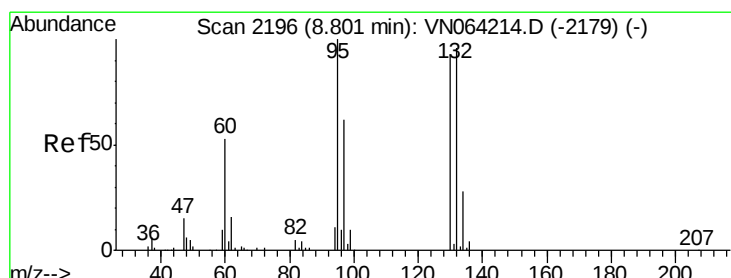
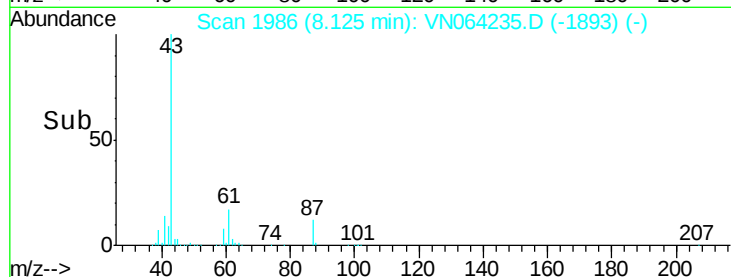
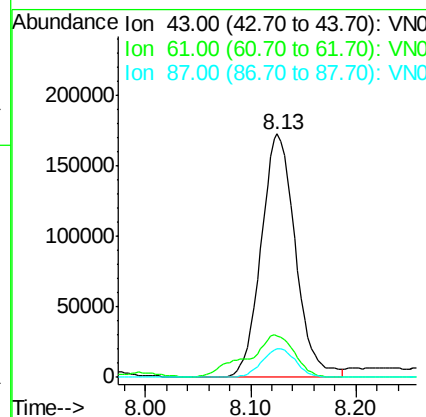
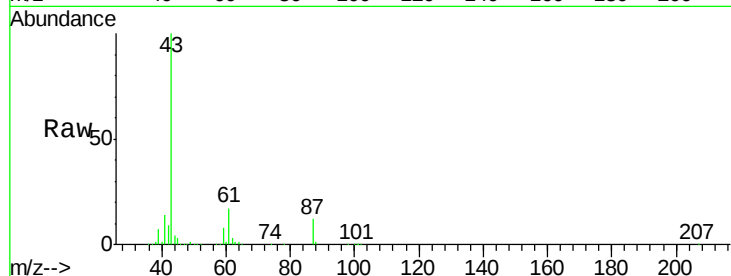
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	390423
Ion	Ratio	Lower	Upper
43	100		
61	24.3	19.6	29.4
87	11.6	9.8	14.6

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#44

Trichloroethene

Concen: 50.857 ug/l

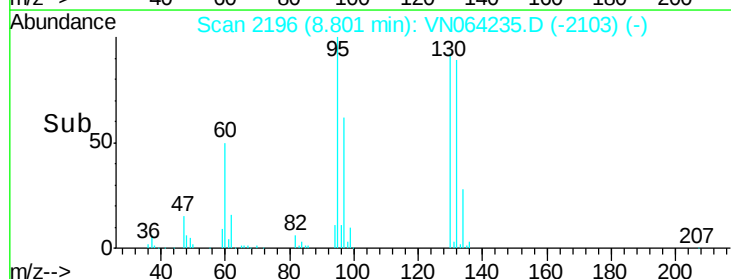
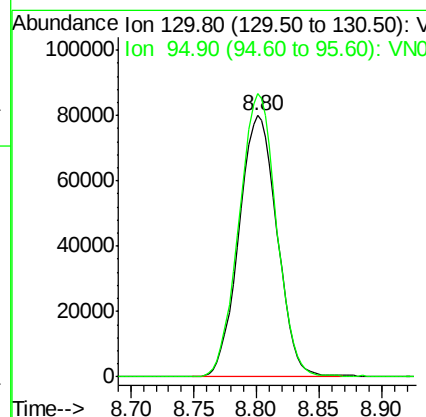
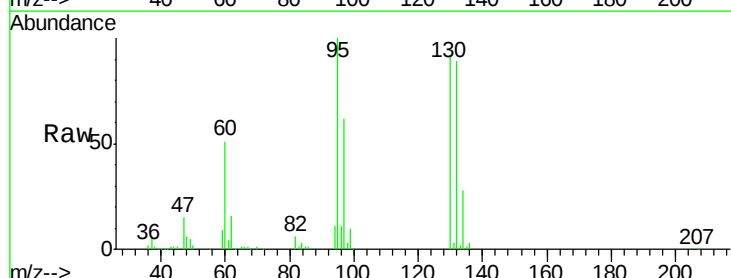
RT: 8.80 min Scan# 2196

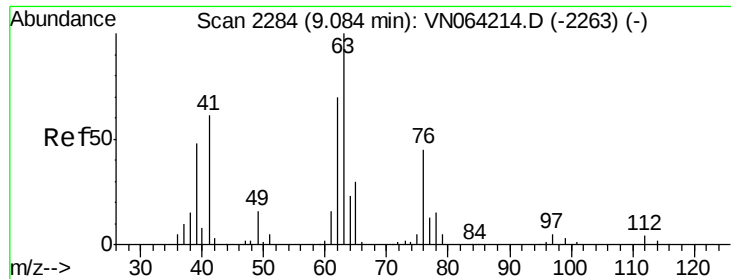
Delta R.T. -0.00 min

Lab File: VN064235.D

Acq: 21 Oct 2020 20:41

Tgt Ion:	130	Resp:	169243
Ion	Ratio	Lower	Upper
130	100		
95	108.4	0.0	214.0





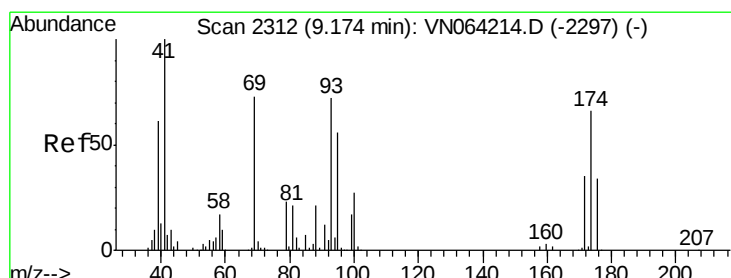
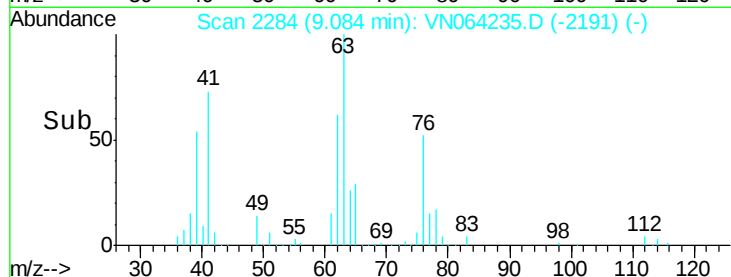
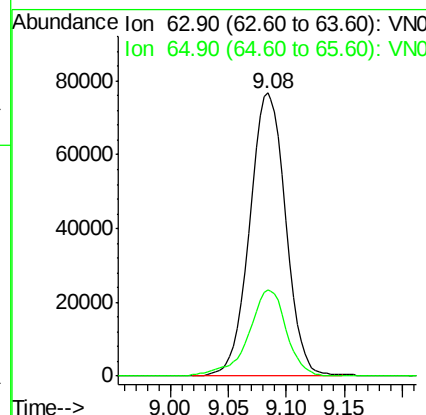
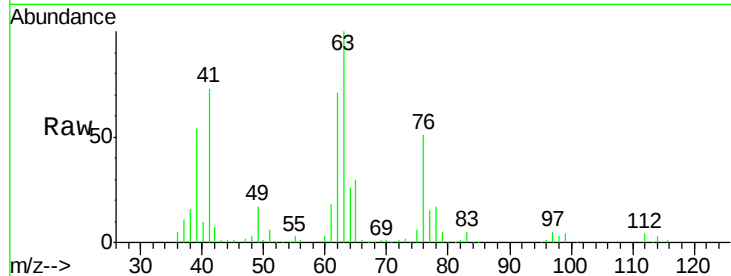
#45
 1,2-Dichloropropane
 Concen: 50.886 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN064235.D
 Acq: 21 Oct 2020 20:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 165897
 Ion Ratio Lower Upper
 63 100
 65 30.4 24.0 36.0

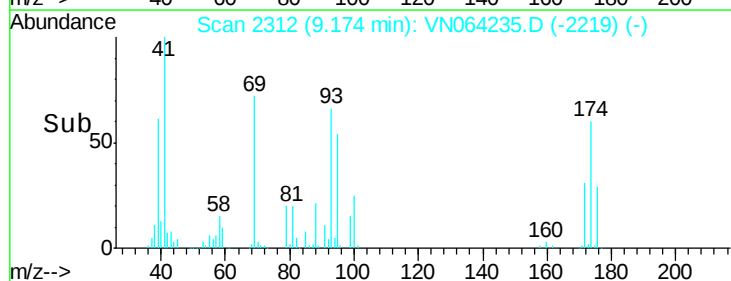
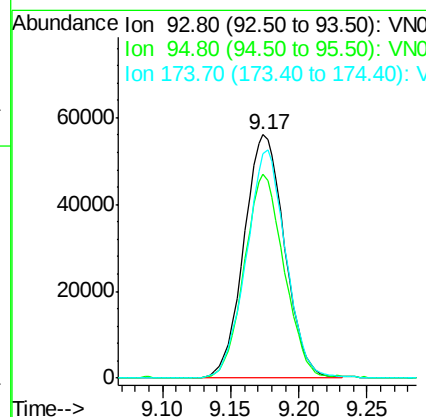
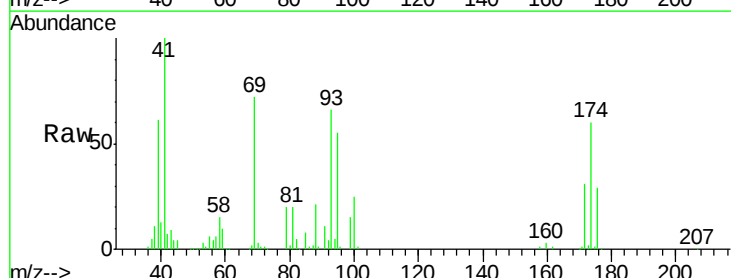
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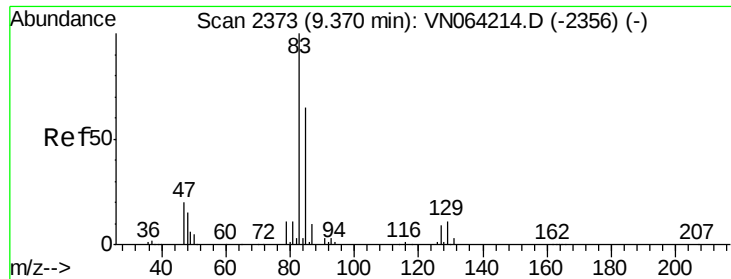
MMDadoda
 10/23/2020 2:10:28 PM



#46
 Dibromomethane
 Concen: 52.962 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN064235.D
 Acq: 21 Oct 2020 20:41

Tgt Ion: 93 Resp: 115940
 Ion Ratio Lower Upper
 93 100
 95 82.1 63.0 94.4
 174 91.3 72.9 109.3





#47

Bromodichloromethane

Concen: 52.202 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN064235.D

Acq: 21 Oct 2020 20:41

Instrument :

MSVOA_N

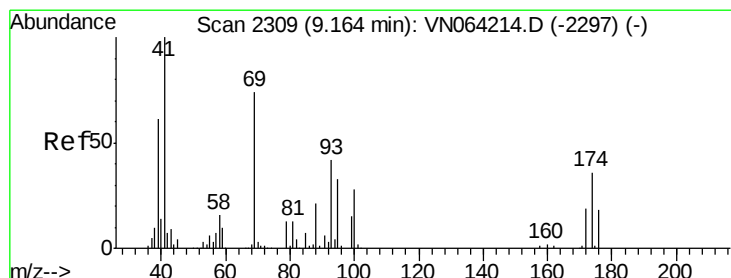
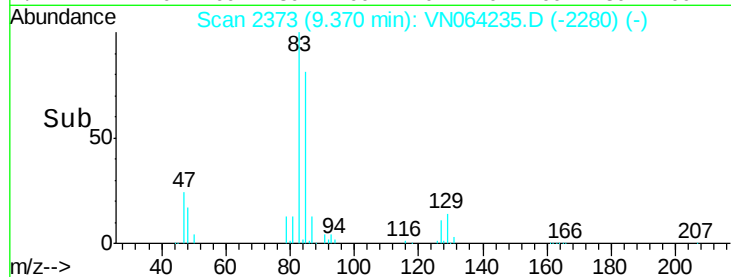
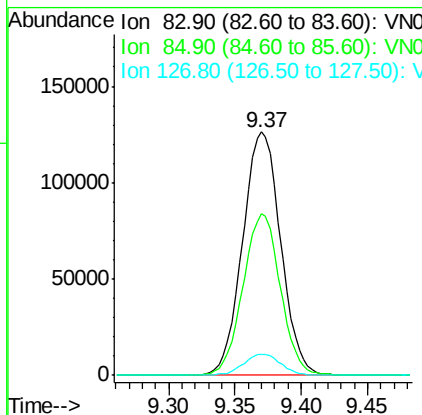
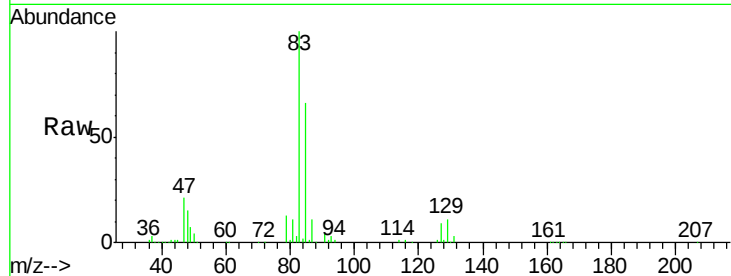
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	252473
Ion Ratio	Lower	Upper	
83	100		
85	66.3	51.8	77.8
127	8.8	7.4	11.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 50.512 ug/l

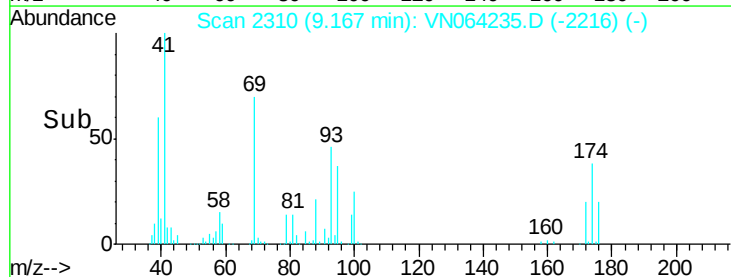
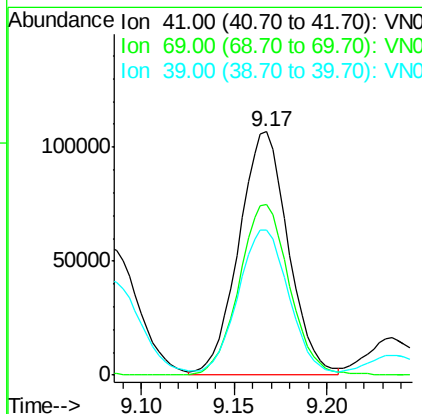
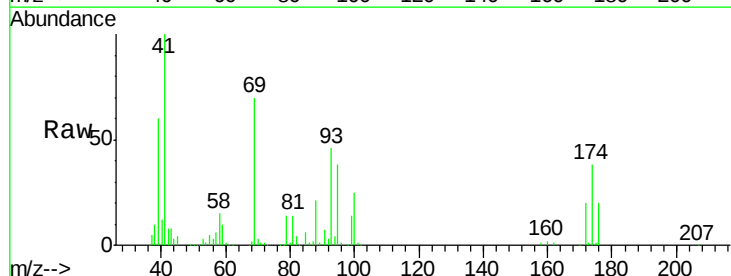
RT: 9.17 min Scan# 2310

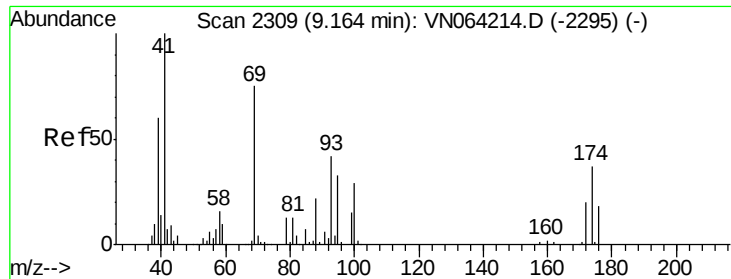
Delta R.T. 0.00 min

Lab File: VN064235.D

Acq: 21 Oct 2020 20:41

Tgt Ion:	41	Resp:	197524
Ion Ratio	Lower	Upper	
41	100		
69	71.7	57.3	85.9
39	61.8	48.6	73.0





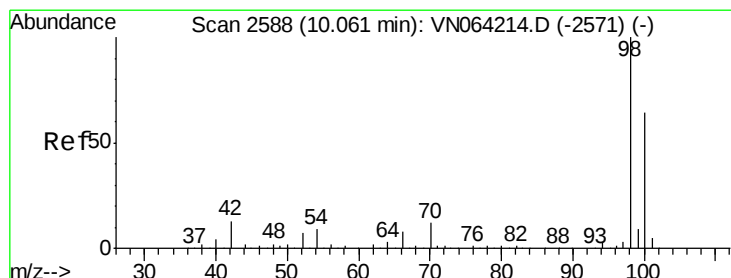
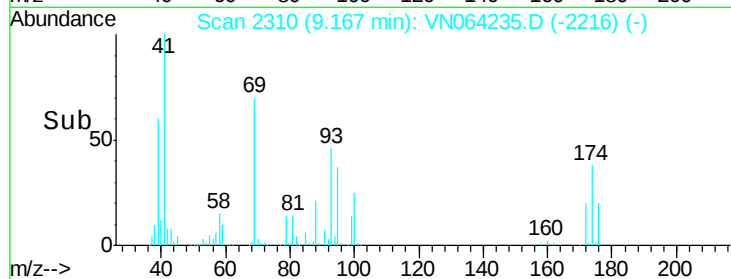
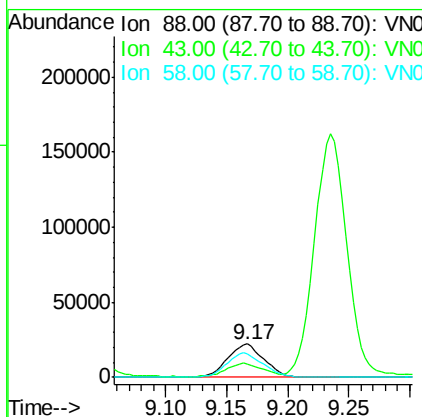
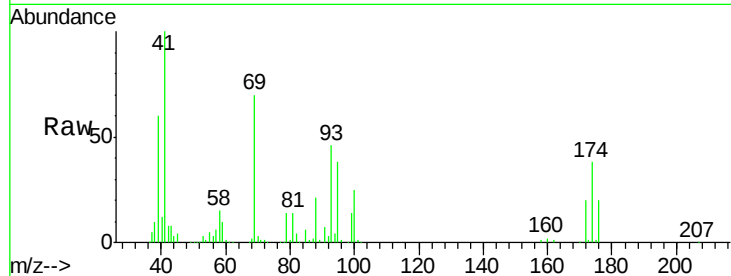
#49
1,4-Dioxane
Concen: 1006.773 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN064235.D
Acq: 21 Oct 2020 20:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	88	Resp	46064
Ion	Ratio	Lower	Upper
88	100		
43	39.7	34.6	52.0
58	73.7	59.0	88.6

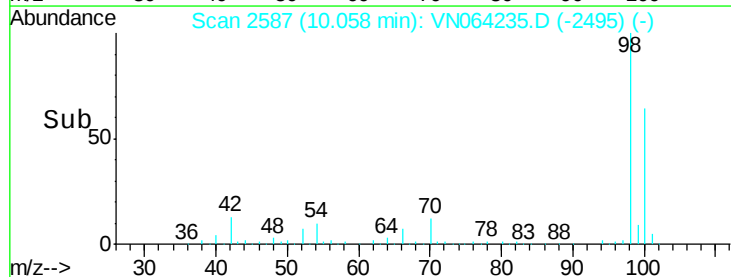
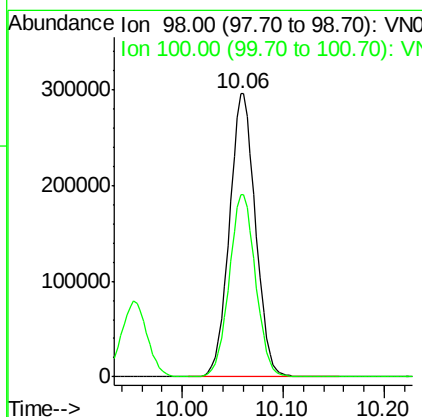
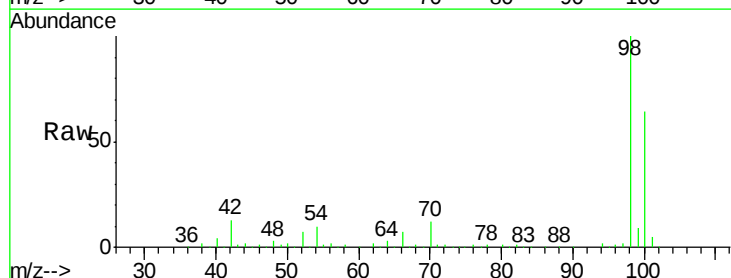
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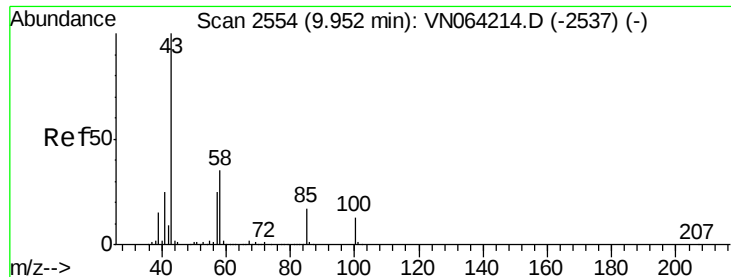
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#50
Toluene-d8
Concen: 49.787 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN064235.D
Acq: 21 Oct 2020 20:41

Tgt Ion	98	Resp	532832
Ion	Ratio	Lower	Upper
98	100		
100	64.9	50.8	76.2





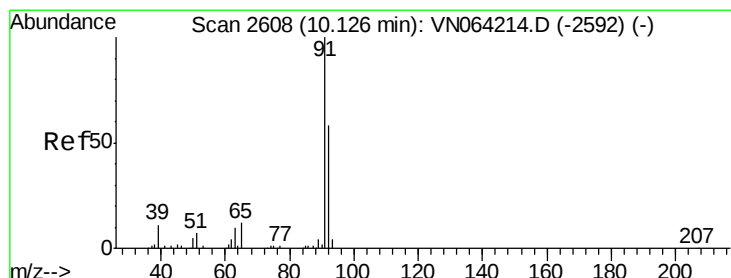
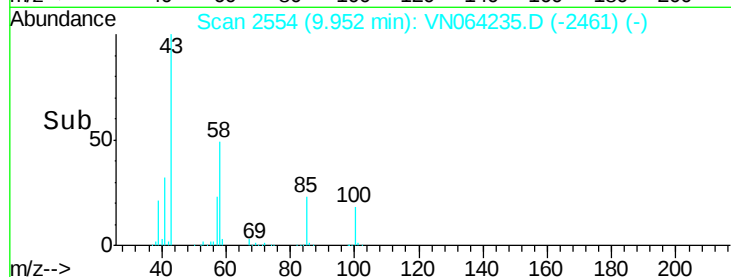
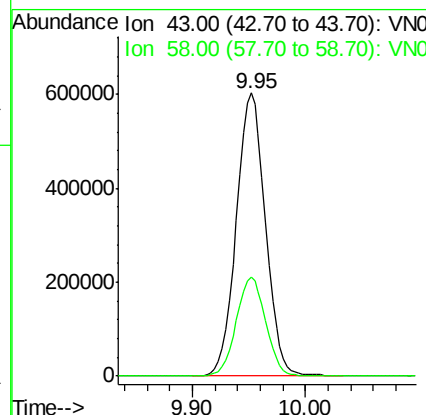
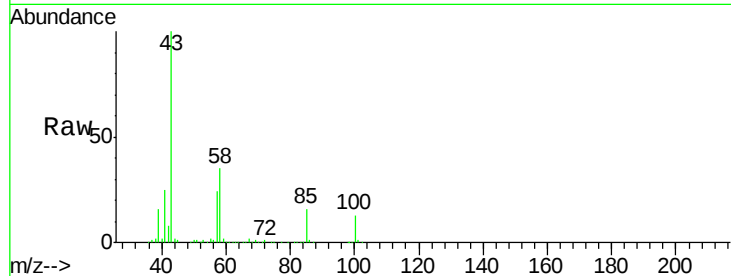
#51
4-Methyl-2-Pentanone
Concen: 268.655 ug/l
RT: 9.95 min Scan# 2554
Delta R.T. -0.00 min
Lab File: VN064235.D
Acq: 21 Oct 2020 20:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1074831
Ion Ratio Lower Upper
43 100
58 35.5 28.6 42.8

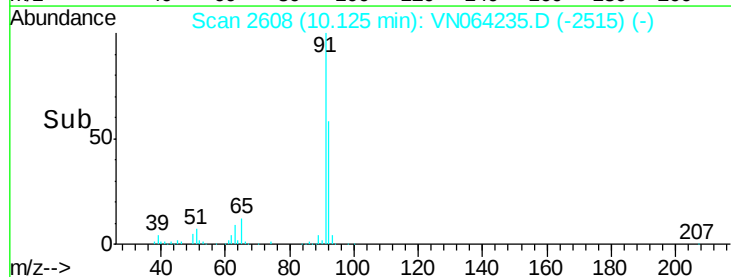
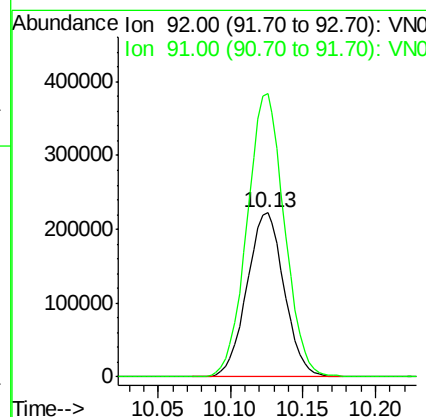
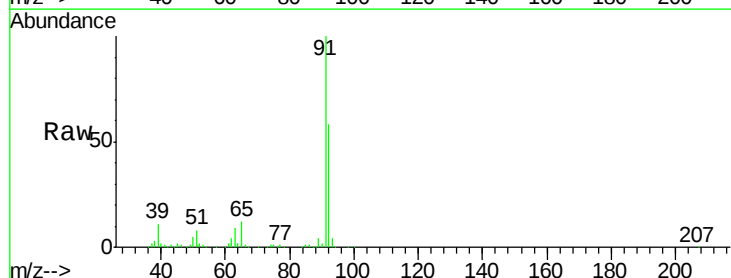
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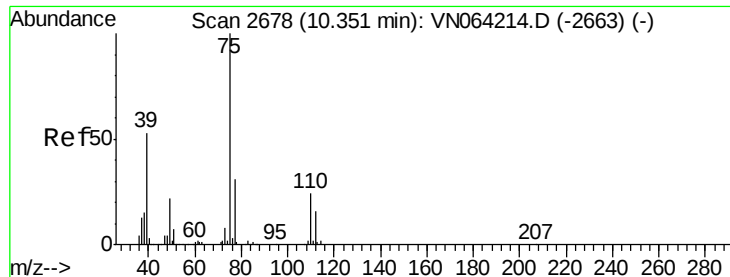
MMDadoda
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#52
Toluene
Concen: 50.842 ug/l
RT: 10.13 min Scan# 2608
Delta R.T. -0.00 min
Lab File: VN064235.D
Acq: 21 Oct 2020 20:41

Tgt Ion: 92 Resp: 397287
Ion Ratio Lower Upper
92 100
91 173.8 137.4 206.2





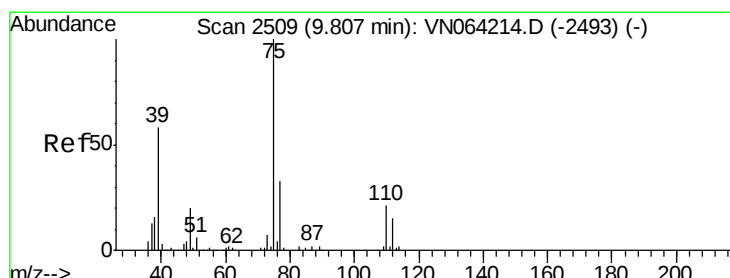
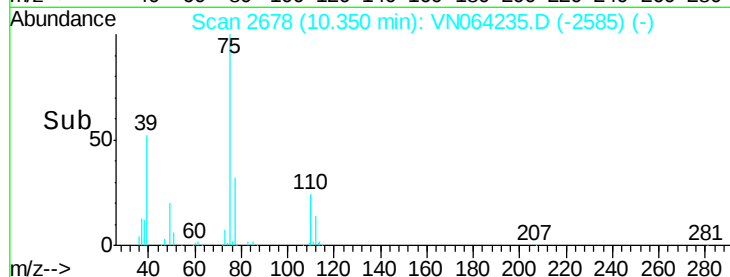
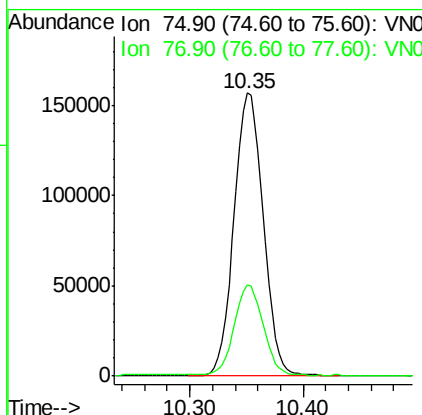
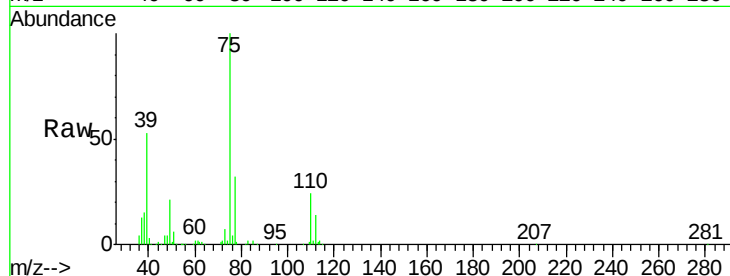
#53
t-1,3-Dichloropropene
Concen: 52.842 ug/l
RT: 10.35 min Scan# 2678
Delta R.T. -0.00 min
Lab File: VN064235.D
Acq: 21 Oct 2020 20:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	75	Resp	283901
Ion Ratio	Lower	Upper	
75	100		
77	31.8	25.4	38.2

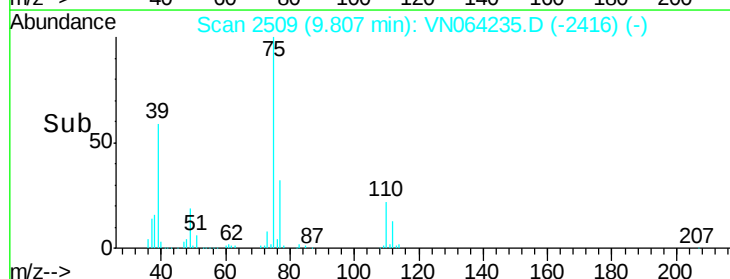
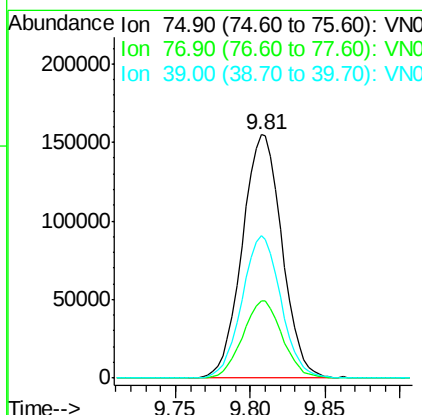
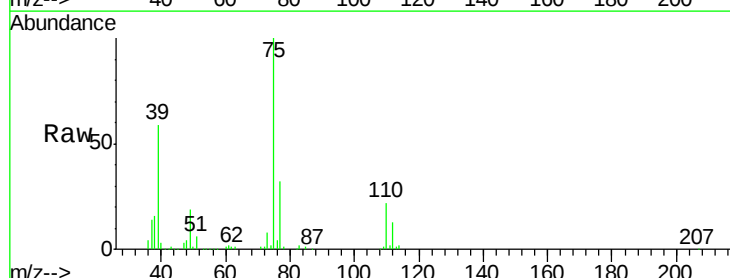
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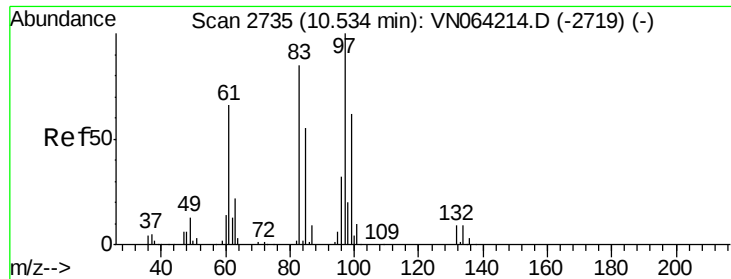
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#54
cis-1,3-Dichloropropene
Concen: 50.697 ug/l
RT: 9.81 min Scan# 2509
Delta R.T. -0.00 min
Lab File: VN064235.D
Acq: 21 Oct 2020 20:41

Tgt Ion	75	Resp	286788
Ion Ratio	Lower	Upper	
75	100		
77	31.9	26.6	39.8
39	58.7	46.7	70.1





#55

1,1,2-Trichloroethane

Concen: 52.404 ug/l

RT: 10.53 min Scan# 2735

Delta R.T. -0.00 min

Lab File: VN064235.D

Acq: 21 Oct 2020 20:41

Instrument :

MSVOA_N

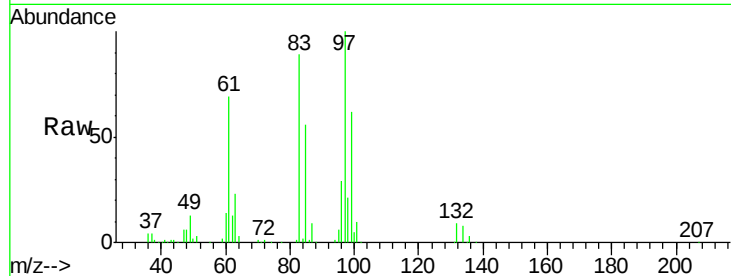
ClientSampleId :

VSTDCCC050EC

Tot Ion:	97	Resp:	154655
Ion	Ratio	Lower	Upper
97	100		
83	89.2	67.8	101.6
85	56.2	43.6	65.4
99	61.6	49.9	74.9

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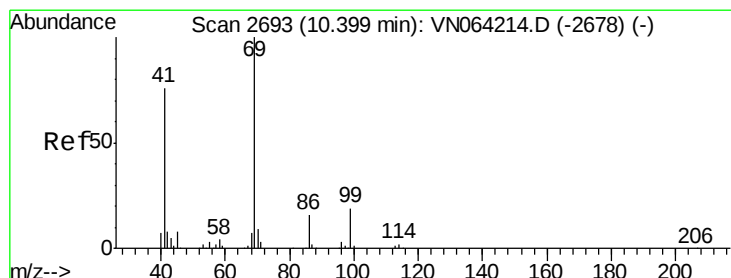
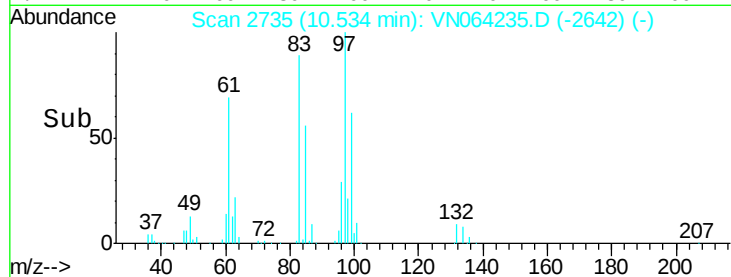
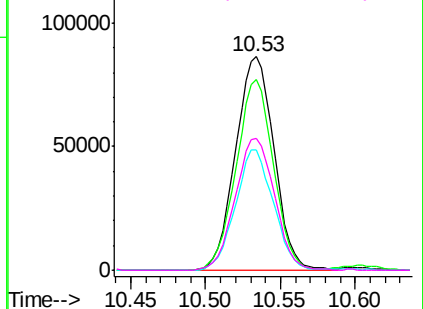


Abundance Ion 96.90 (96.60 to 97.60): VN064235.D (-2642) (-)

Ion 82.90 (82.60 to 83.60): VN064235.D (-2642) (-)

Ion 84.90 (84.60 to 85.60): VN064235.D (-2642) (-)

Ion 98.90 (98.60 to 99.60): VN064235.D (-2642) (-)



#56

Ethyl methacrylate

Concen: 53.993 ug/l

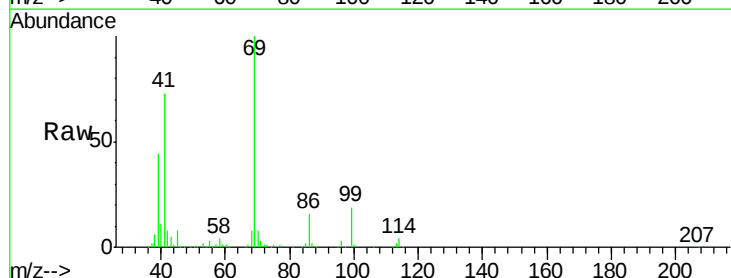
RT: 10.40 min Scan# 2693

Delta R.T. -0.00 min

Lab File: VN064235.D

Acq: 21 Oct 2020 20:41

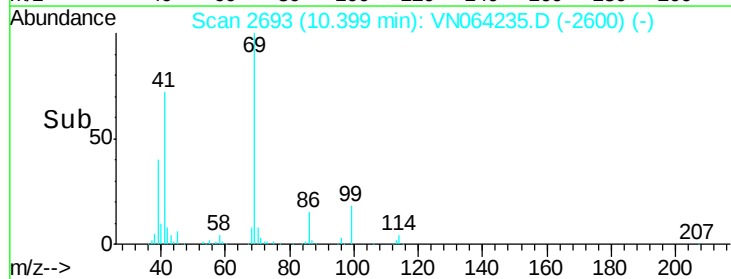
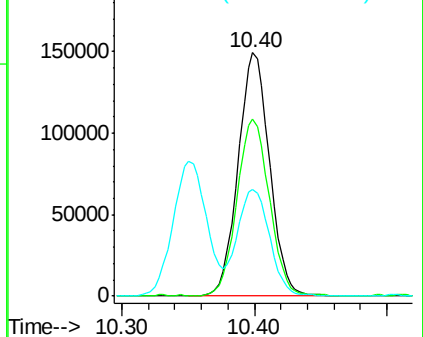
Tgt Ion:	69	Resp:	246386
Ion	Ratio	Lower	Upper
69	100		
41	74.6	61.4	92.2
39	44.8	36.0	54.0

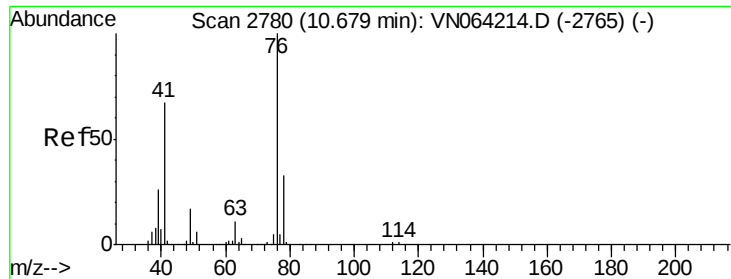


Abundance Ion 69.00 (68.70 to 69.70): VN064235.D (-2600) (-)

Ion 41.00 (40.70 to 41.70): VN064235.D (-2600) (-)

Ion 39.00 (38.70 to 39.70): VN064235.D (-2600) (-)





#57

1,3-Dichloropropane

Concen: 53.198 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. -0.00 min

Lab File: VN064235.D

Acq: 21 Oct 2020 20:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 272705

Ion Ratio Lower Upper

76 100

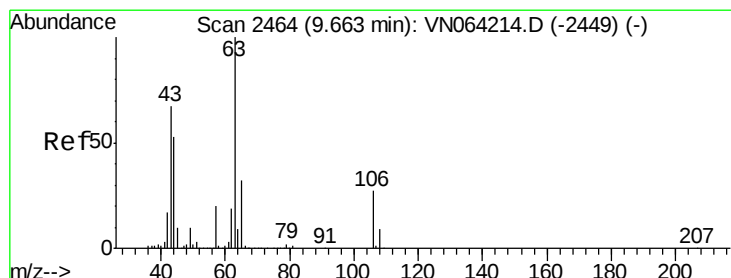
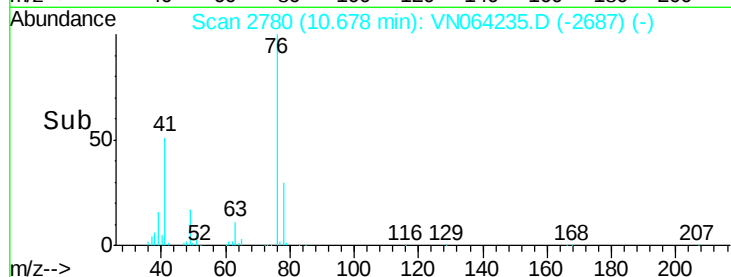
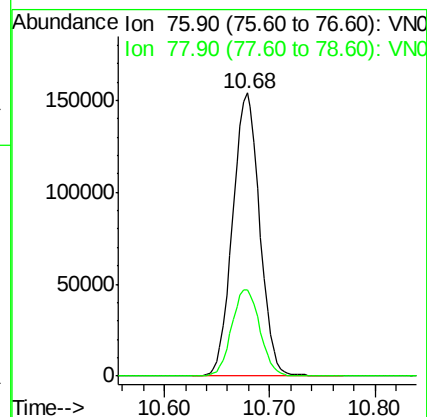
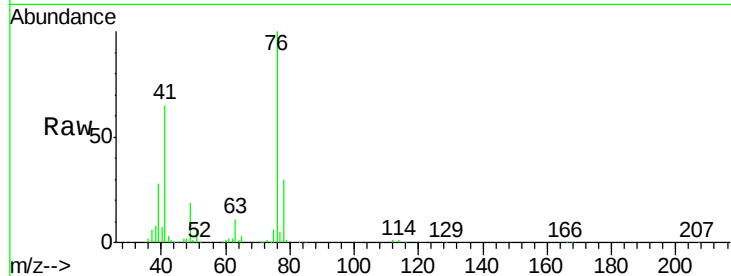
78 31.8 26.2 39.2

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#58

2-Chloroethyl Vinyl ether

Concen: 260.849 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. -0.00 min

Lab File: VN064235.D

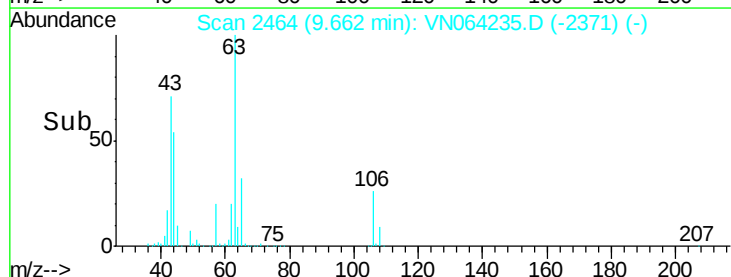
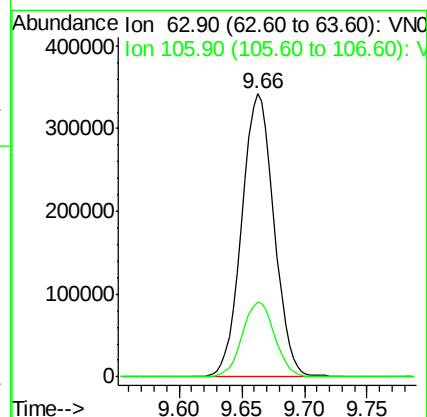
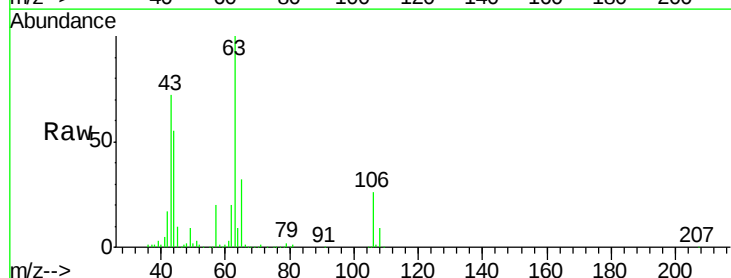
Acq: 21 Oct 2020 20:41

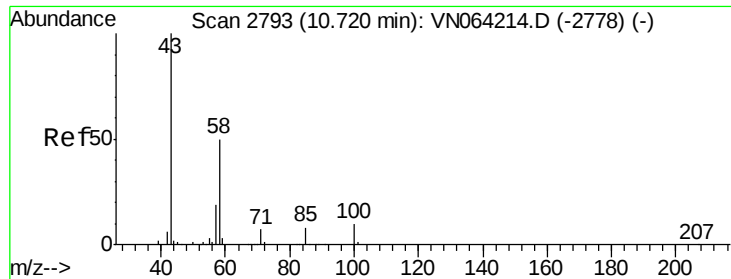
Tgt Ion: 63 Resp: 612945

Ion Ratio Lower Upper

63 100

106 26.6 21.3 31.9





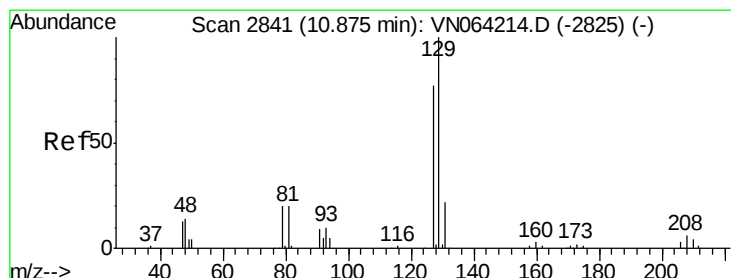
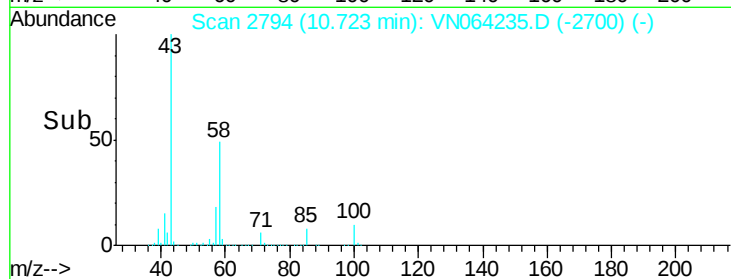
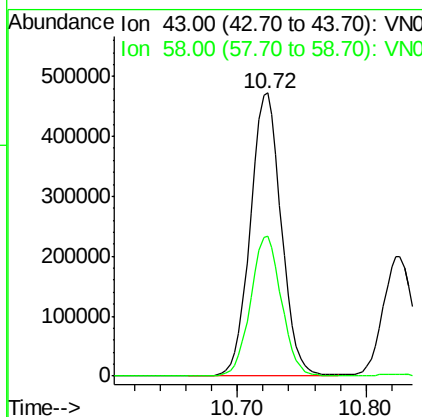
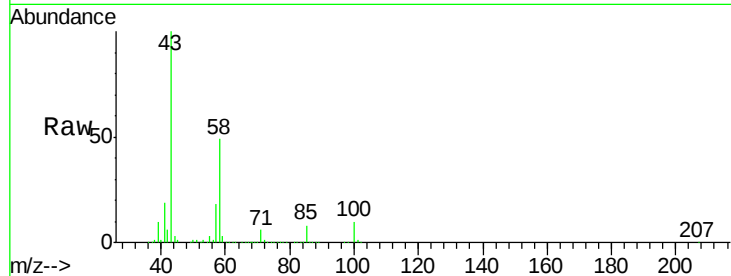
#59
2-Hexanone
Concen: 269.595 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN064235.D
Acq: 21 Oct 2020 20:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	787705
Ion Ratio	100	Lower	Upper
43	100		
58	49.5	24.8	74.3

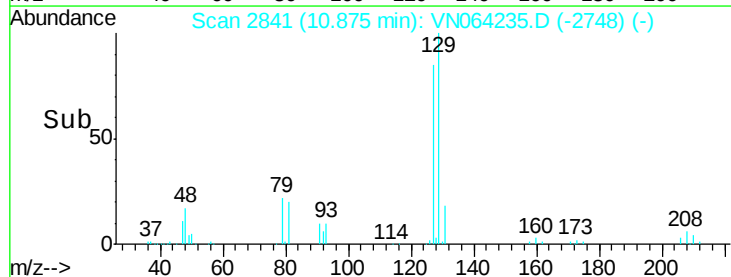
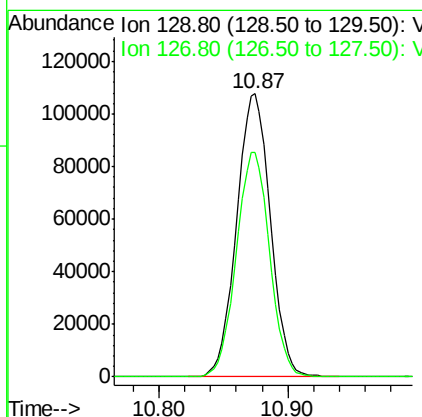
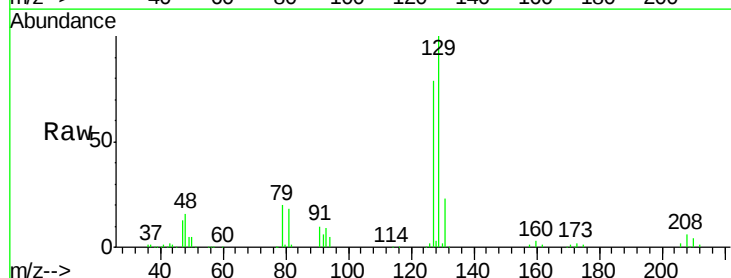
Manual Integrations
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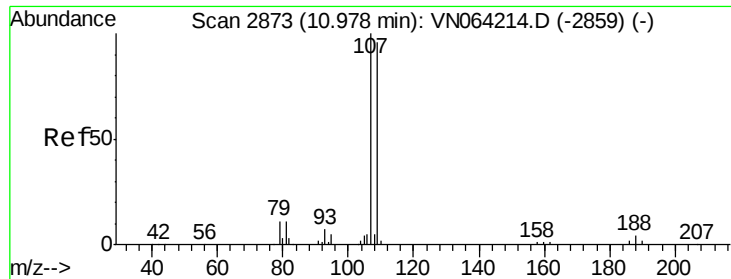
MMDadoda
10/23/2020 2:10:28 PM



#60
Dibromochloromethane
Concen: 51.304 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. -0.00 min
Lab File: VN064235.D
Acq: 21 Oct 2020 20:41

Tgt Ion	129	Resp	196006
Ion Ratio	100	Lower	Upper
129	100		
127	78.2	38.8	116.3





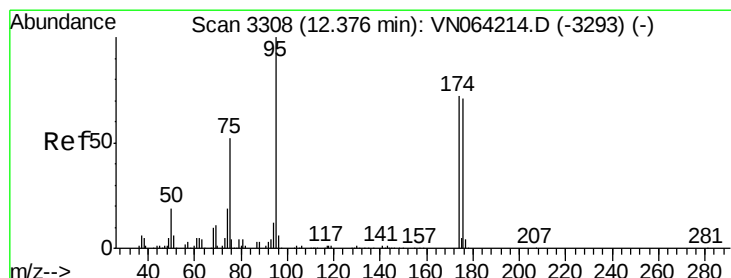
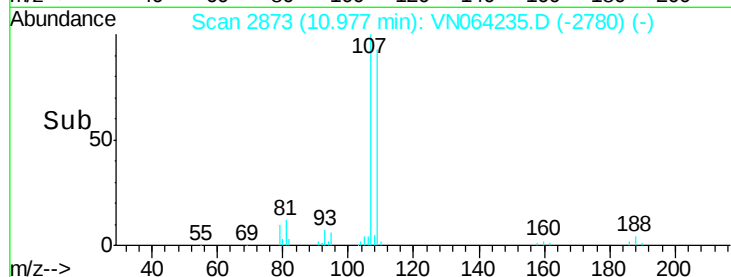
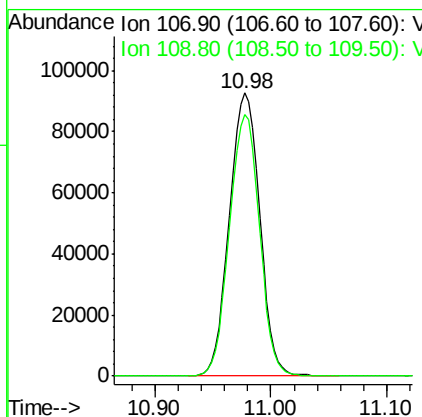
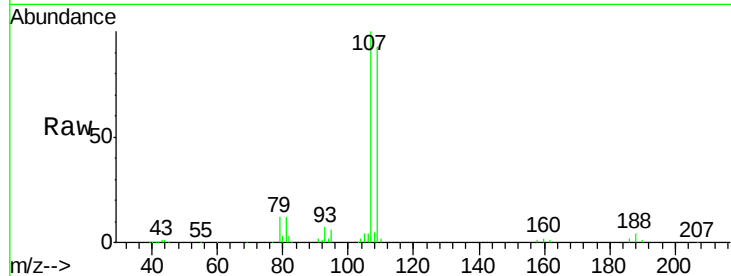
#61
 1,2-Dibromoethane
 Concen: 53.945 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. -0.00 min
 Lab File: VN064235.D
 Acq: 21 Oct 2020 20:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	91.5	76.2	114.4

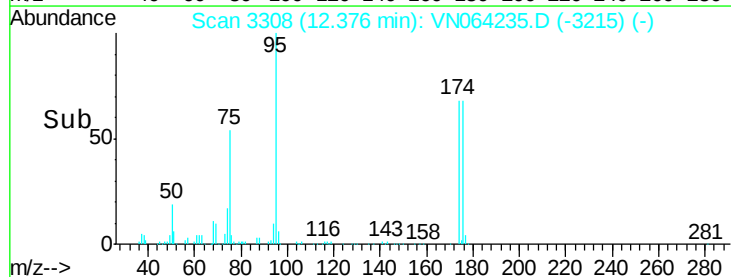
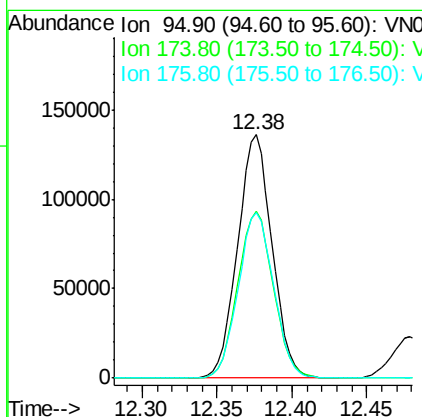
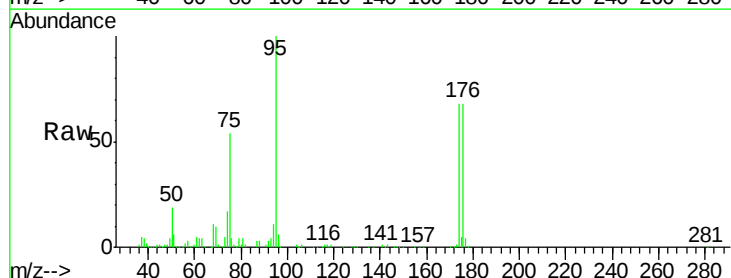
Manual Integrations
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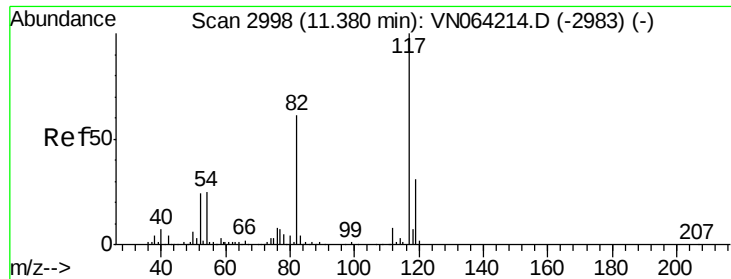
MMDadoda
 10/23/2020 2:10:28 PM



#62
 4-Bromofluorobenzene
 Concen: 50.276 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. -0.00 min
 Lab File: VN064235.D
 Acq: 21 Oct 2020 20:41

Tgt Ion	Ratio	Lower	Upper
95	100		
174	71.0	0.0	144.4
176	69.9	0.0	139.2





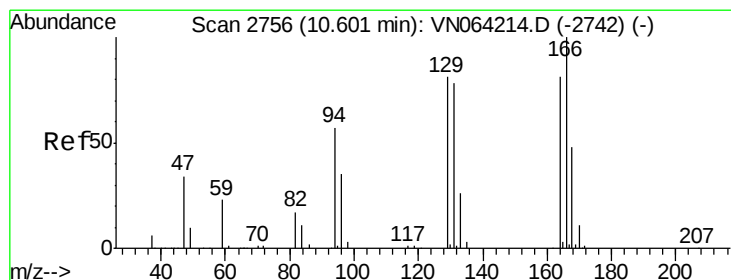
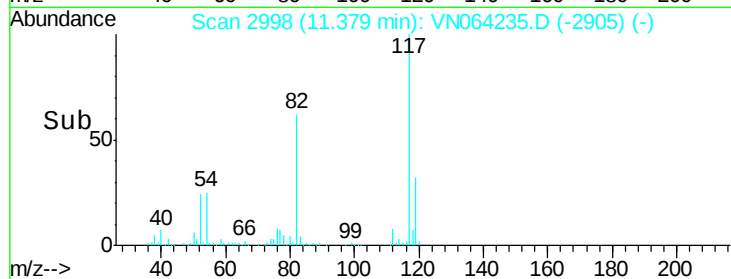
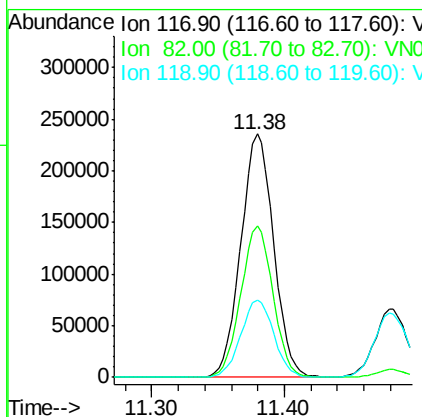
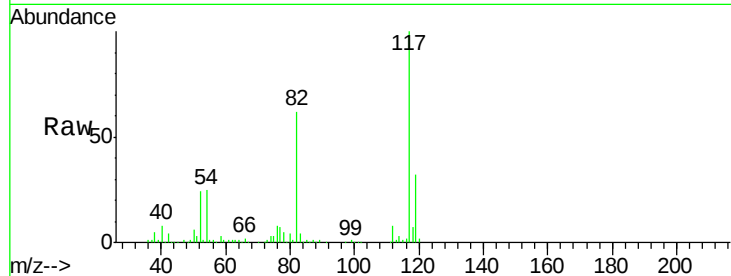
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064235.D
Acq: 21 Oct 2020 20:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	62.2	48.8	73.2
119	31.8	24.7	37.1

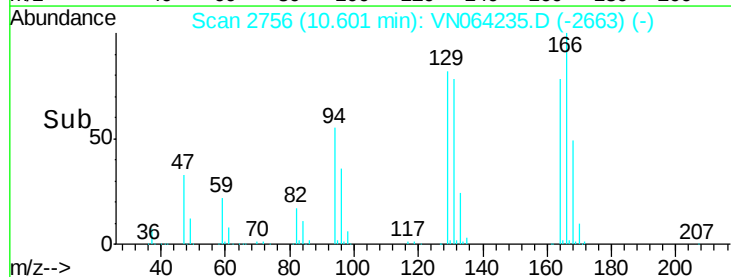
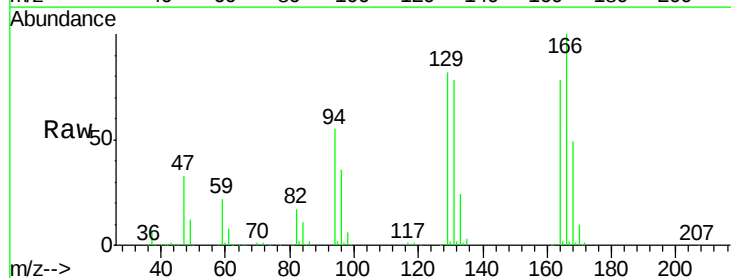
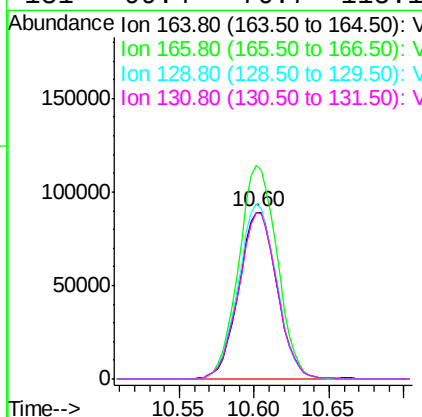
Manual Integrations
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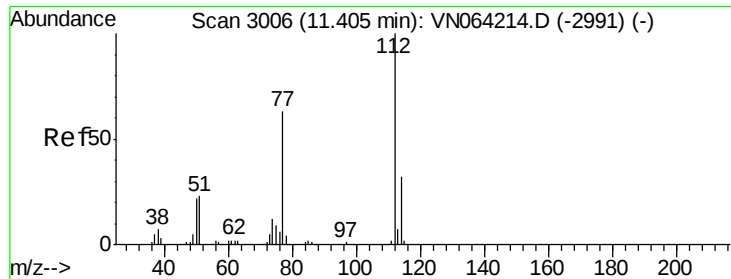
MMDadoda
10/23/2020 2:10:28 PM



#64
Tetrachloroethene
Concen: 48.802 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN064235.D
Acq: 21 Oct 2020 20:41

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.9	98.9	148.3
129	104.7	79.9	119.9
131	99.4	76.7	115.1





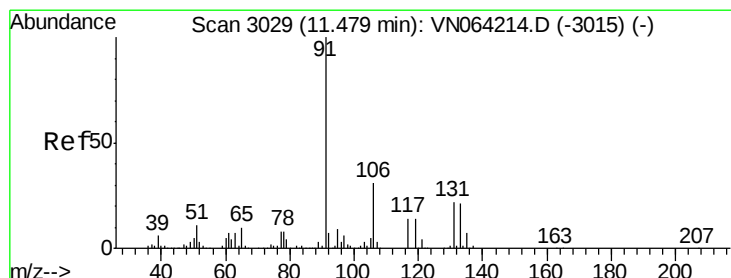
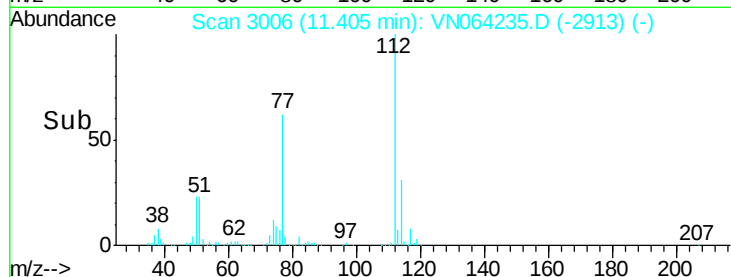
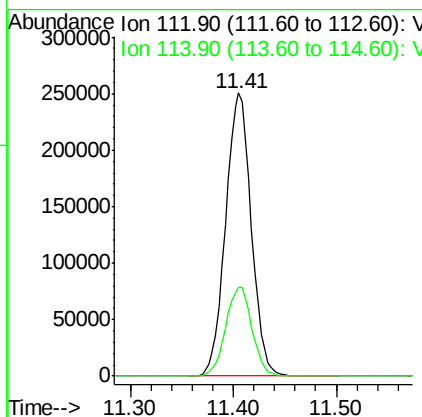
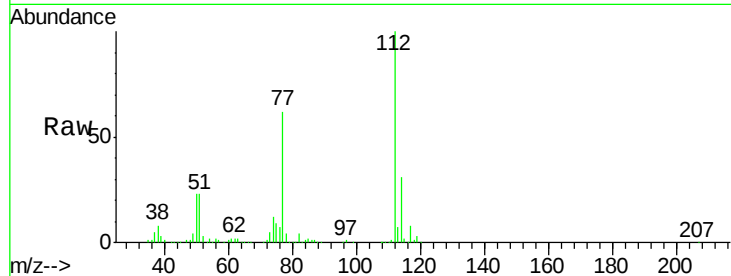
#65
Chlorobenzene
Concen: 51.605 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN064235.D
Acq: 21 Oct 2020 20:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.5	25.7	38.5

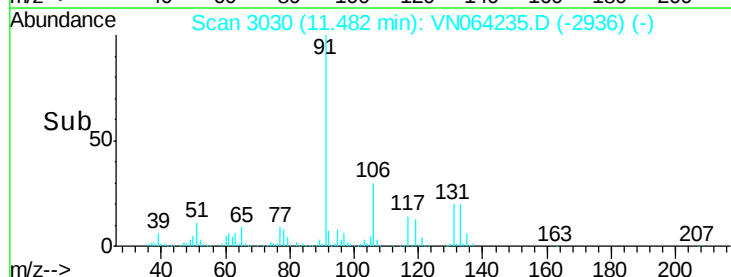
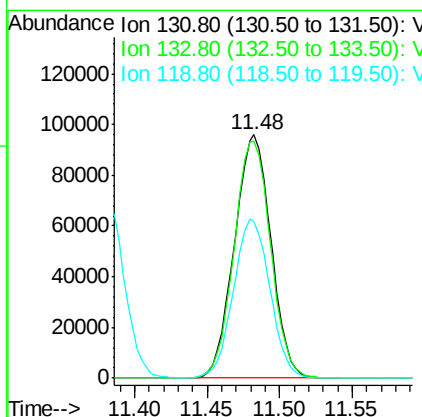
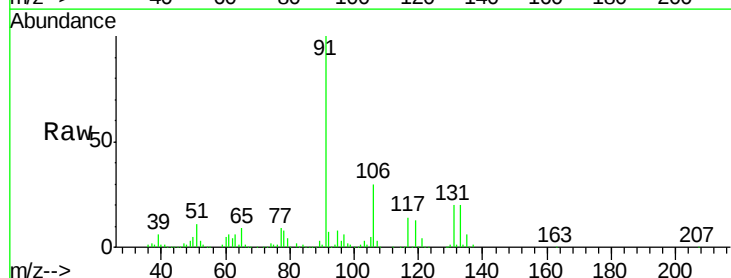
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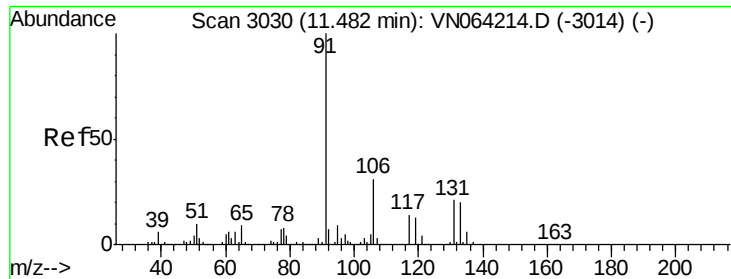
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.487 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064235.D
Acq: 21 Oct 2020 20:41

Tgt Ion	Ratio	Lower	Upper
131	100		
133	97.6	47.8	143.4
119	65.0	32.2	96.6





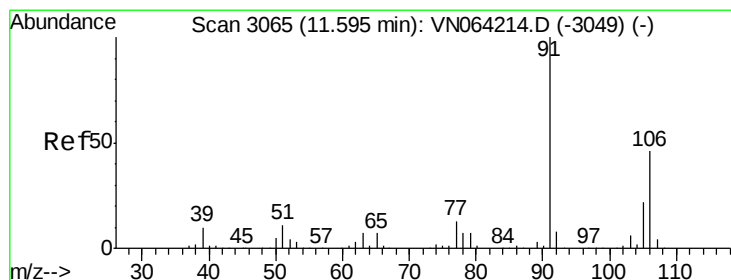
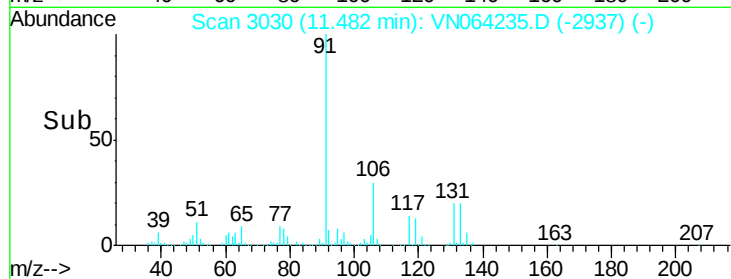
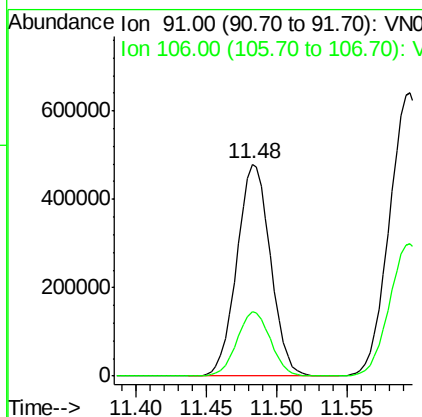
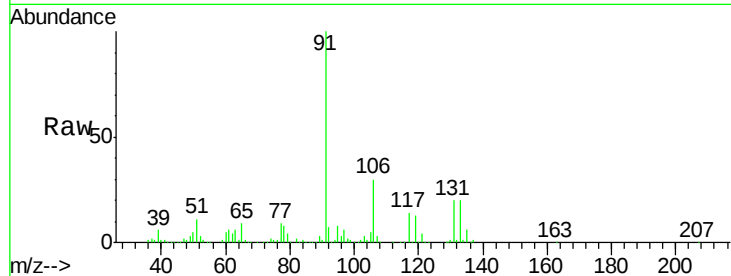
#67
Ethyl Benzene
Concen: 51.995 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN064235.D
Acq: 21 Oct 2020 20:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 802024
Ion Ratio Lower Upper
91 100
106 30.2 24.8 37.2

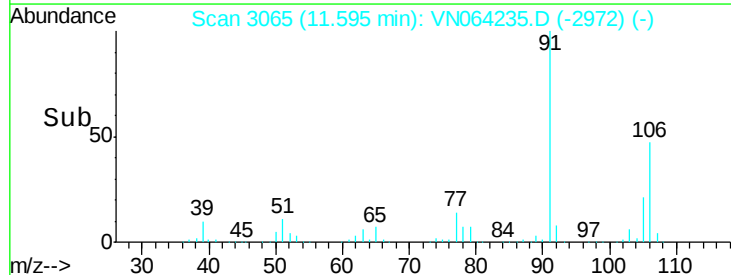
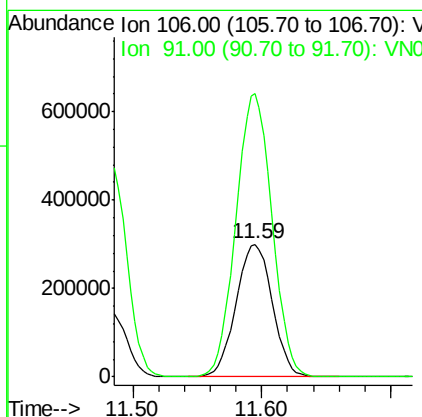
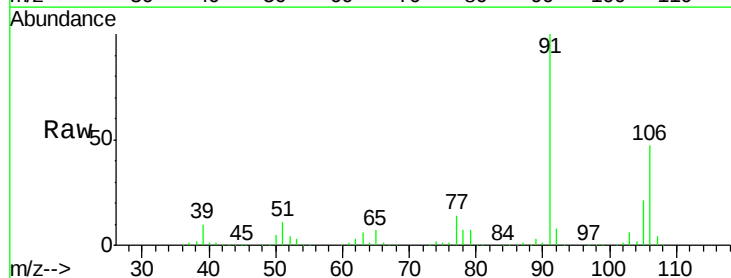
Manual Integrations
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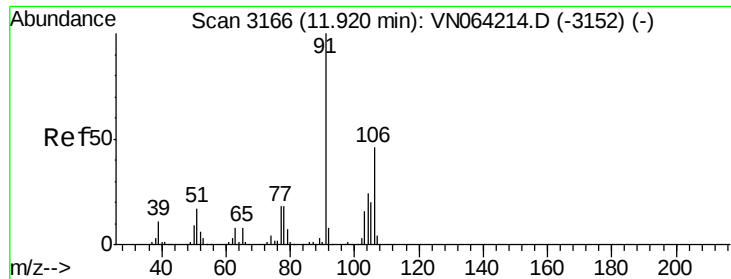
MMDadoda
10/23/2020 2:10:28 PM



#68
m/p-Xylenes
Concen: 102.494 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN064235.D
Acq: 21 Oct 2020 20:41

Tgt Ion: 106 Resp: 585763
Ion Ratio Lower Upper
106 100
91 212.5 172.2 258.2





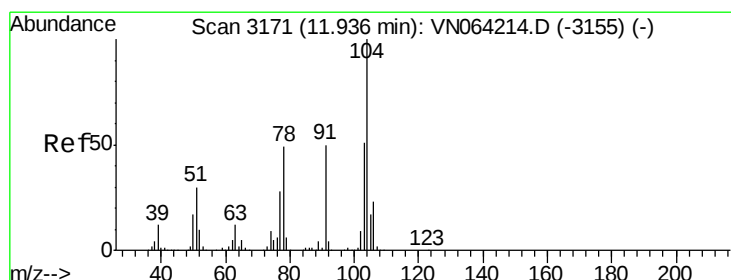
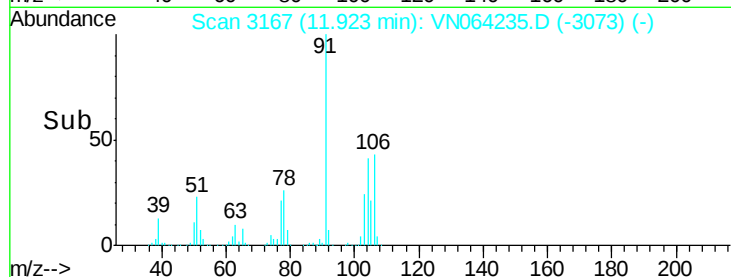
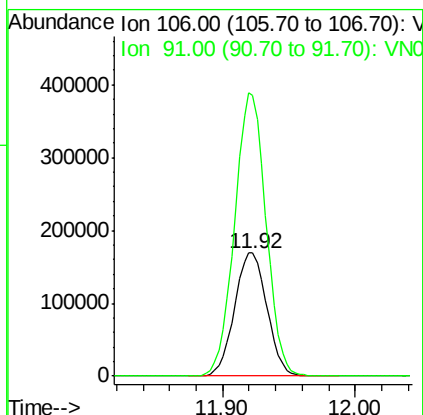
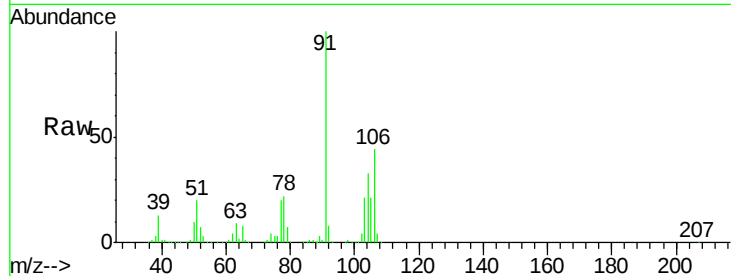
#69
o-Xylene
Concen: 51.890 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN064235.D
Acq: 21 Oct 2020 20:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		286810		
91	222.8	109.9	329.6		

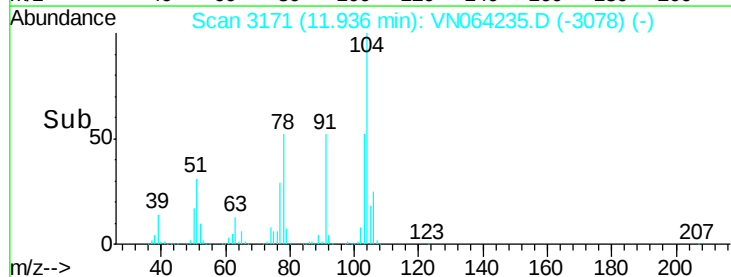
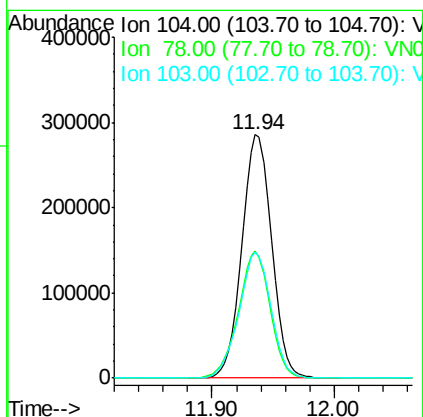
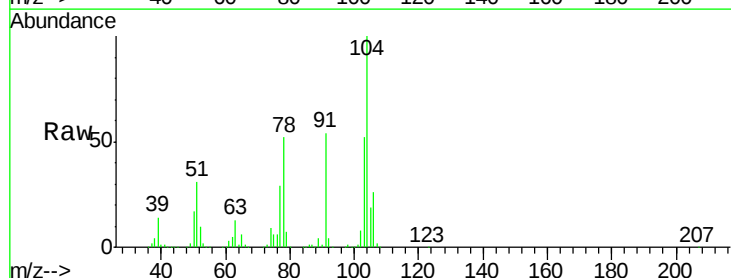
Manual Integrations
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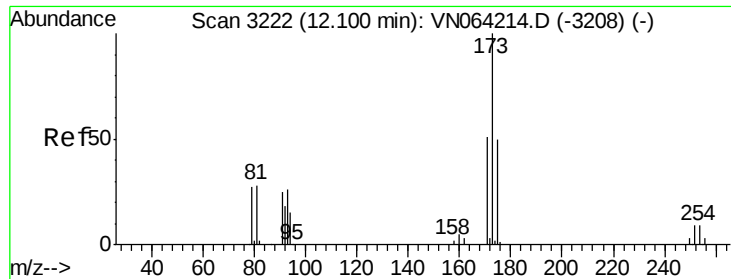
MMDadoda
10/23/2020 2:10:28 PM



#70
Styrene
Concen: 51.698 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN064235.D
Acq: 21 Oct 2020 20:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		478980		
78	55.7	43.8	65.6		
103	55.6	43.4	65.2		





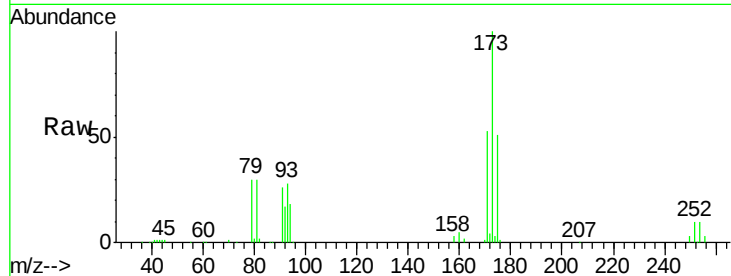
#71
Bromoform
Concen: 52.092 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. -0.00 min
Lab File: VN064235.D
Acq: 21 Oct 2020 20:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.9	25.1	75.3
254	0.0	0.0	0.0

Manual Integrations
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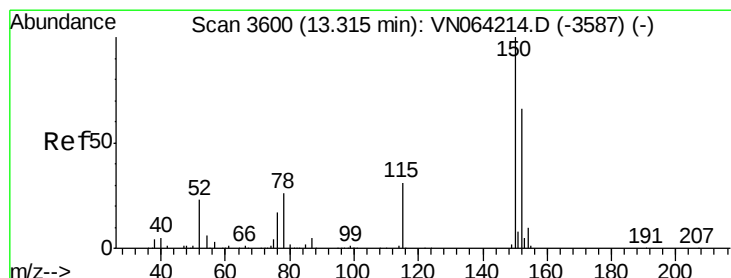
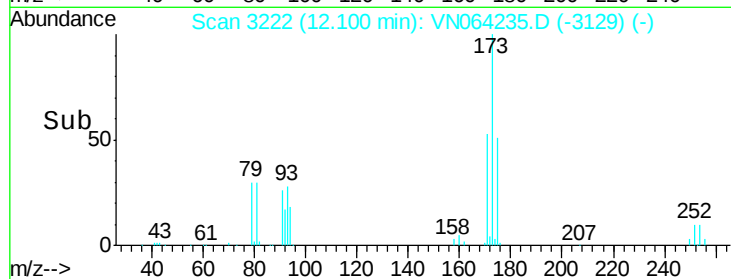
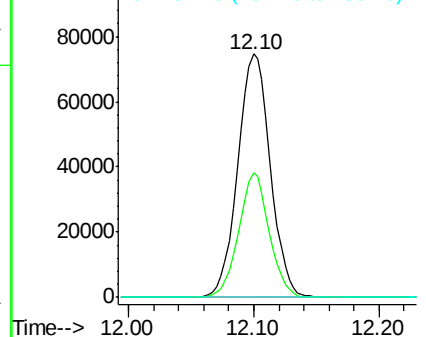


Abundance

Ion 172.70 (172.40 to 173.40): V

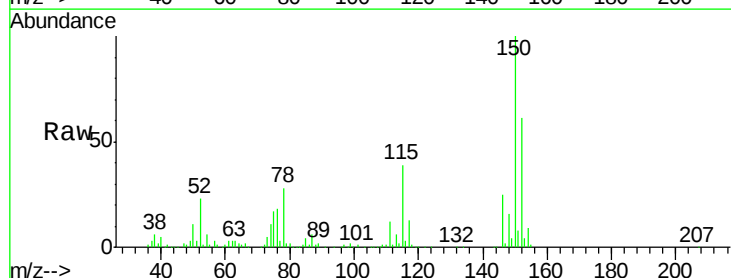
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064235.D
Acq: 21 Oct 2020 20:41

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.4	32.0	96.2
150	174.9	0.0	356.6

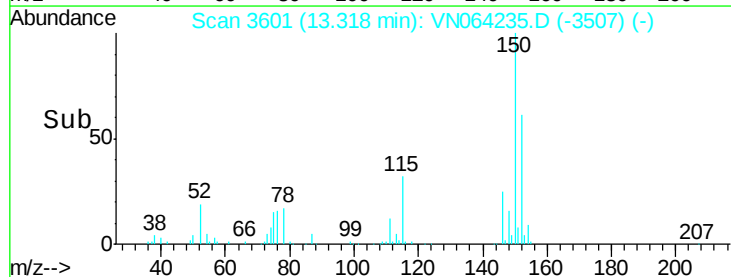
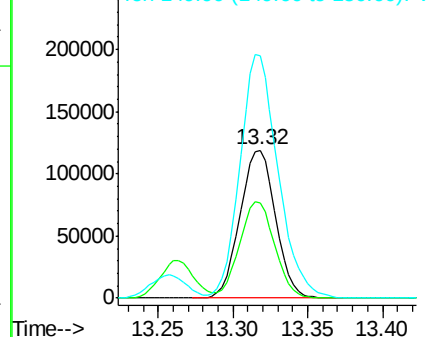


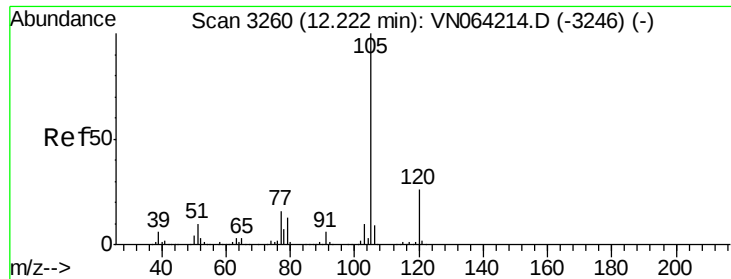
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.111 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN064235.D

Acq: 21 Oct 2020 20:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 768501

Ion Ratio Lower Upper

105 100

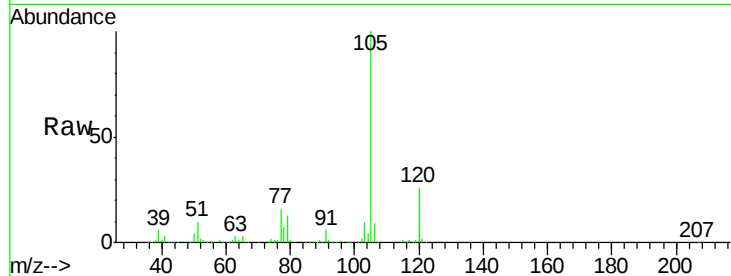
120 25.7 12.9 38.7

Manual Integrations

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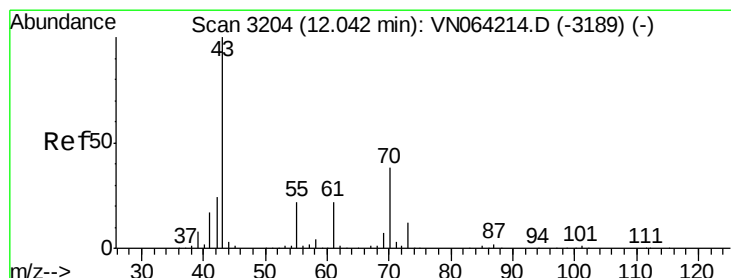
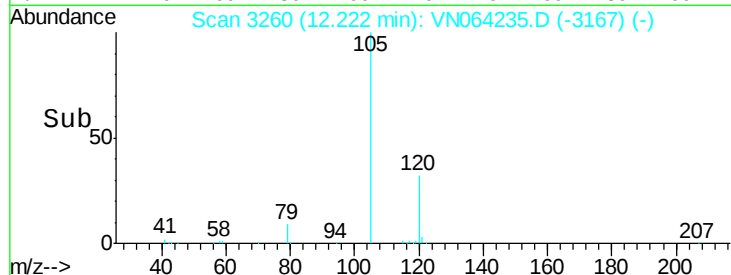
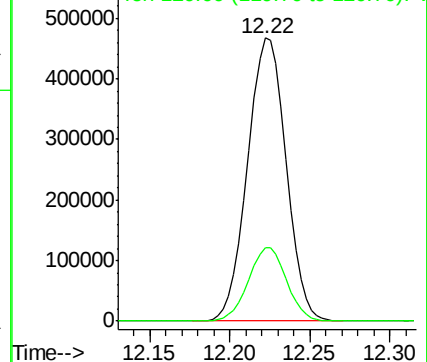
MMDadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 52.888 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VN064235.D

Acq: 21 Oct 2020 20:41

Tgt Ion: 43 Resp: 343616

Ion Ratio Lower Upper

43 100

70 37.2 30.2 45.4

55 21.9 18.0 27.0

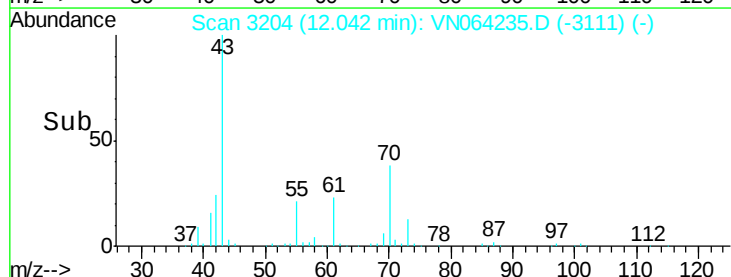
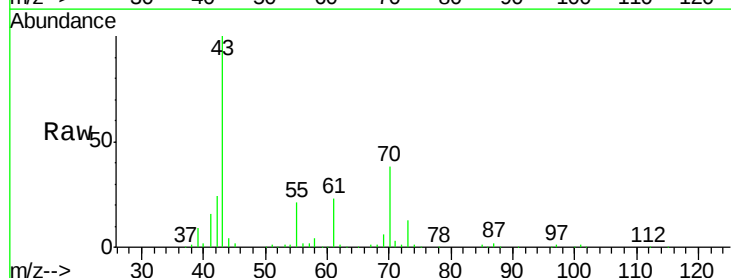
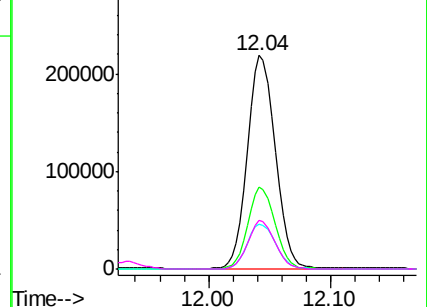
61 21.8 17.4 26.2

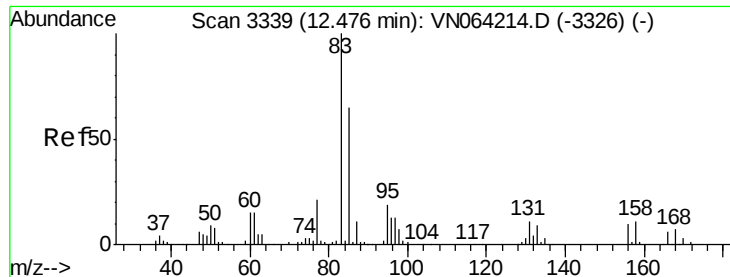
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 52.726 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN064235.D

Acq: 21 Oct 2020 20:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 210379

Ion Ratio Lower Upper

83 100

131 10.6 5.5 16.7

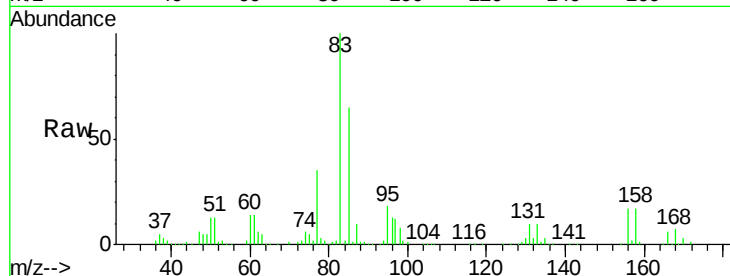
85 64.1 32.4 97.0

Manual Integrations

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MMDadoda

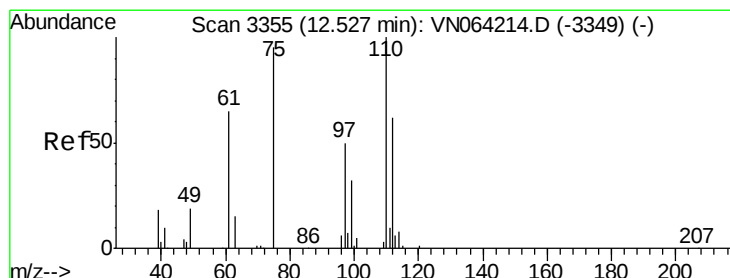
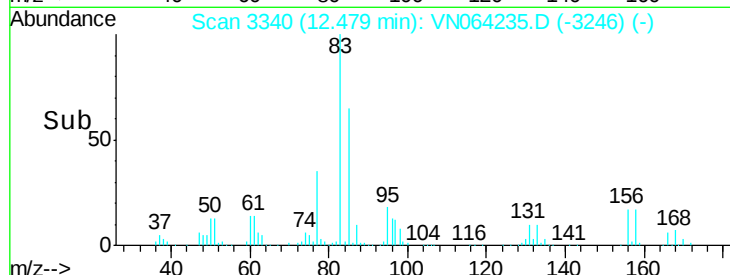
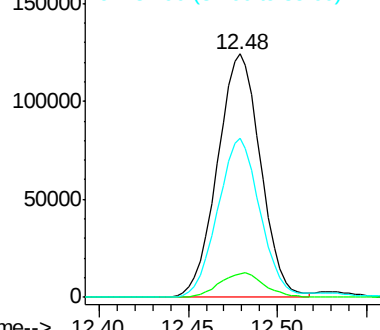
10/23/2020 2:10:28 PM



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 49.797 ug/l m

RT: 12.53 min Scan# 3355

Delta R.T. -0.00 min

Lab File: VN064235.D

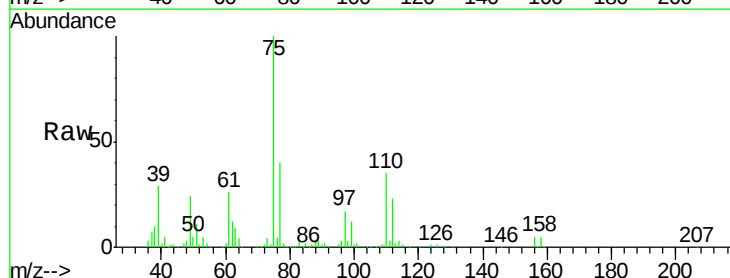
Acq: 21 Oct 2020 20:41

Tgt Ion: 75 Resp: 206958

Ion Ratio Lower Upper

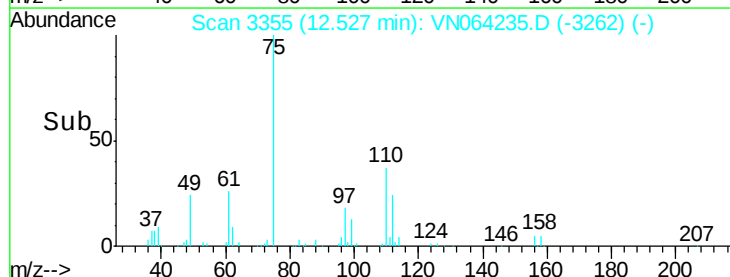
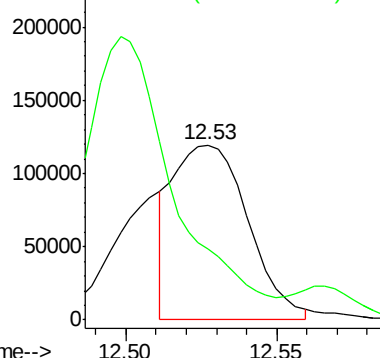
75 100

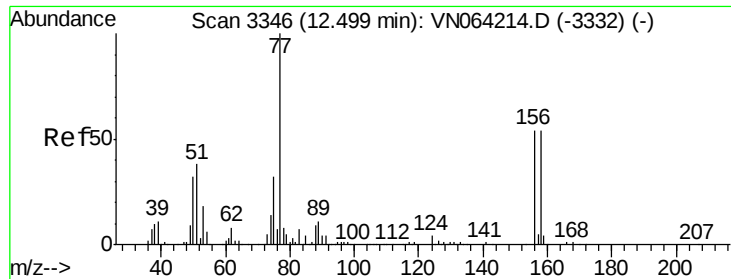
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





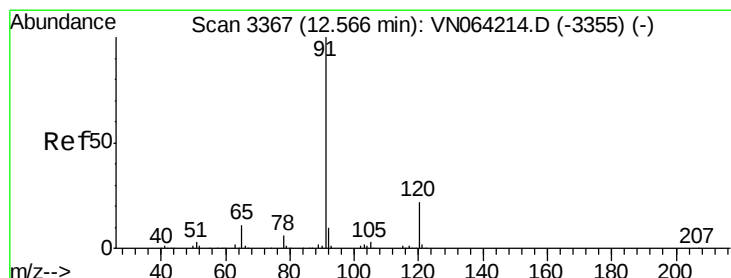
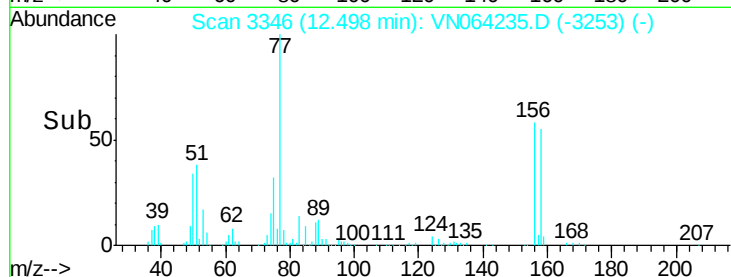
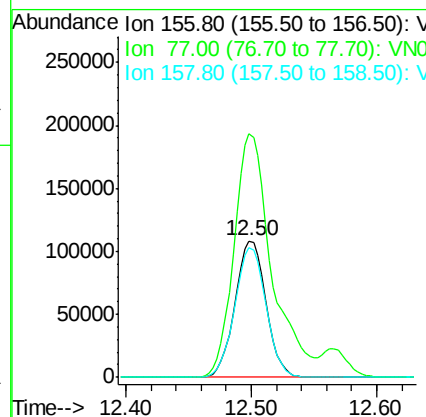
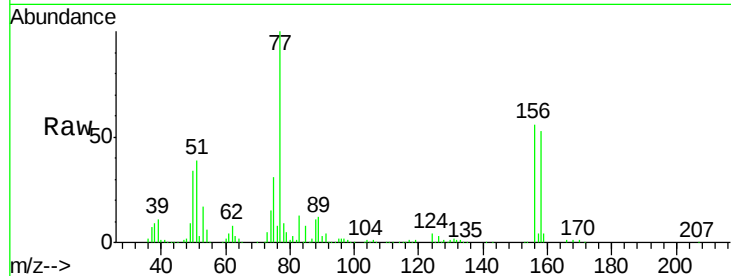
#77
Bromobenzene
Concen: 52.260 ug/l
RT: 12.50 min Scan# 3346
Delta R.T. -0.00 min
Lab File: VN064235.D
Acq: 21 Oct 2020 20:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	216.9	111.1	333.4
158	95.8	50.0	150.1

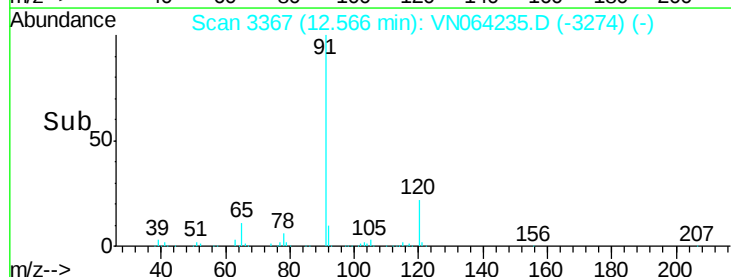
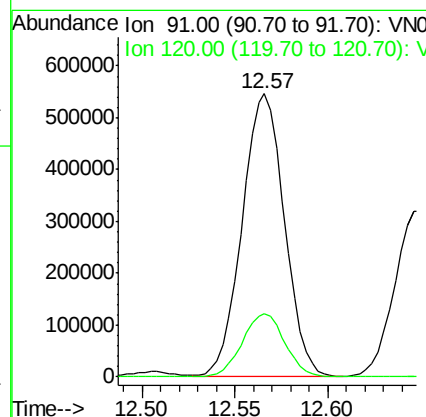
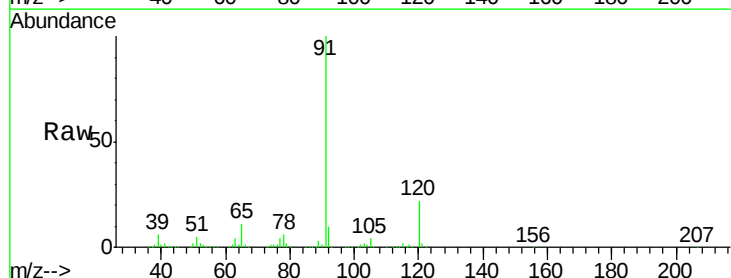
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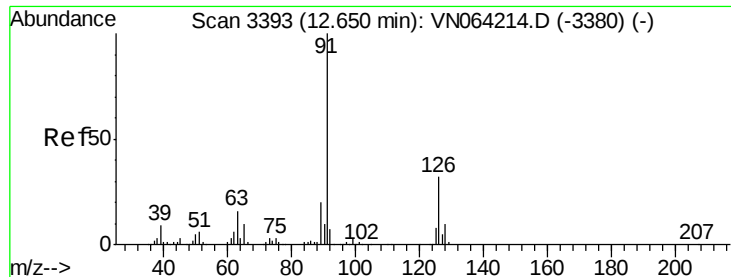
MMDadoda
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#78
n-propylbenzene
Concen: 50.974 ug/l
RT: 12.57 min Scan# 3367
Delta R.T. -0.00 min
Lab File: VN064235.D
Acq: 21 Oct 2020 20:41

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.5	11.1	33.1





#79

2-Chlorotoluene

Concen: 51.867 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. -0.00 min

Lab File: VN064235.D

Acq: 21 Oct 2020 20:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 540091

Ion Ratio Lower Upper

91 100

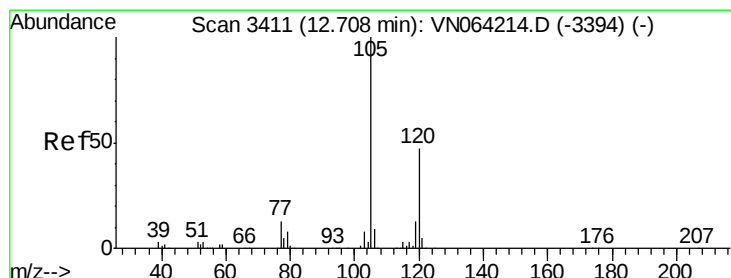
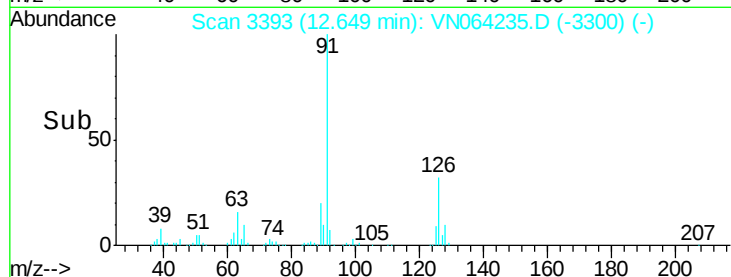
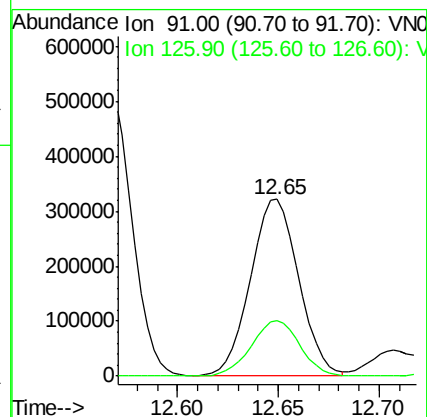
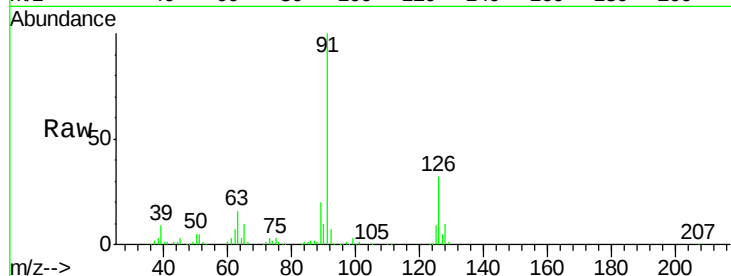
126 31.7 16.0 48.0

Manual Integrations

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10/23/2020 2:10:28 PM



#80

1,3,5-Trimethylbenzene

Concen: 51.014 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN064235.D

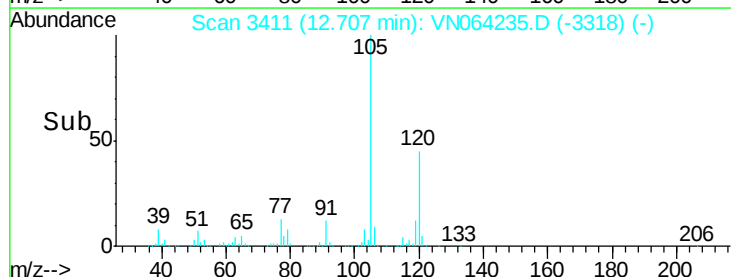
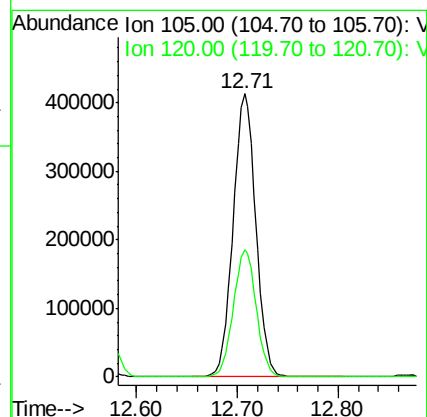
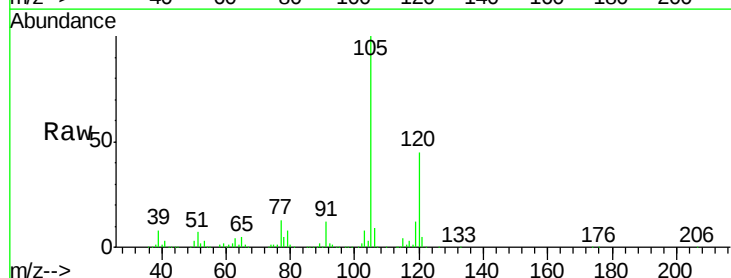
Acq: 21 Oct 2020 20:41

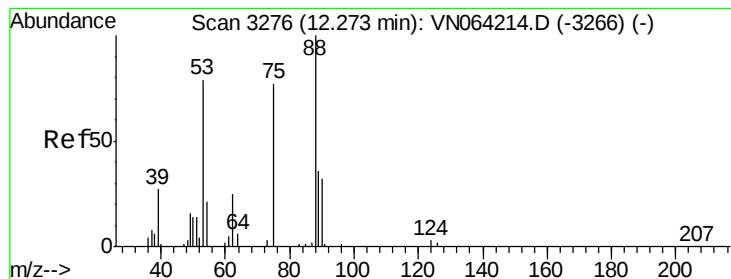
Tgt Ion: 105 Resp: 648458

Ion Ratio Lower Upper

105 100

120 45.4 23.4 70.0





#81

trans-1,4-Dichloro-2-butene

Concen: 50.111 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. -0.00 min

Lab File: VN064235.D

Acq: 21 Oct 2020 20:41

Instrument :

MSVOA_N

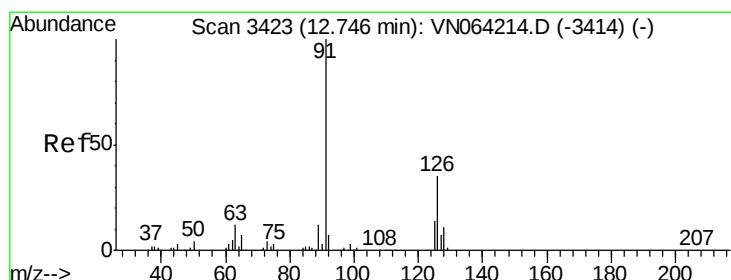
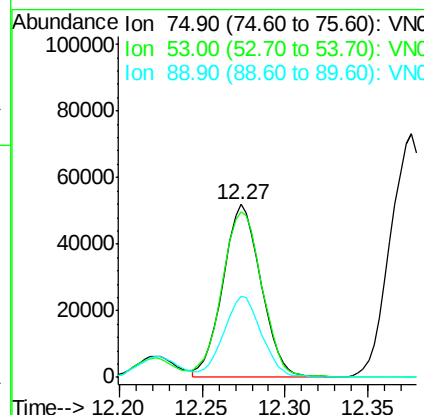
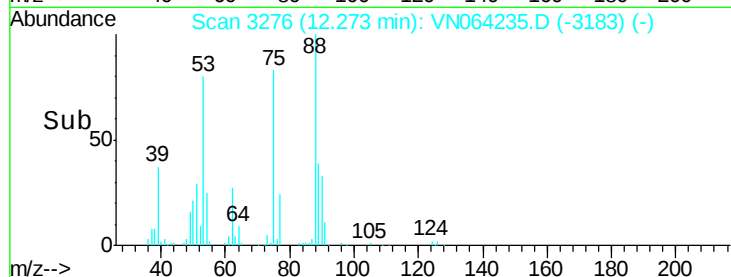
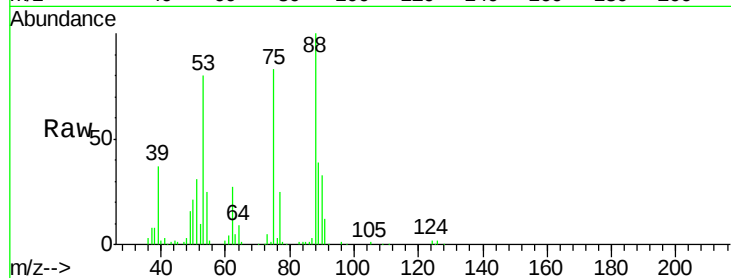
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	82490
Ion Ratio	Lower	Upper	
75	100		
53	100.6	81.0	121.4
89	47.1	38.7	58.1

Manual Integrations
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#82

4-Chlorotoluene

Concen: 51.901 ug/l

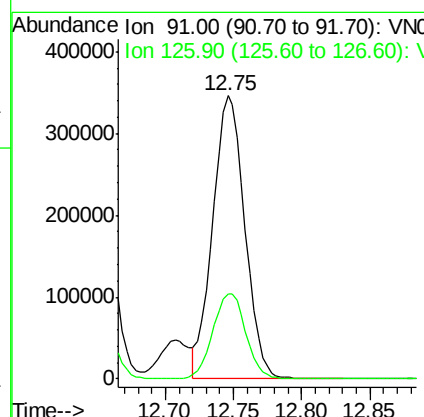
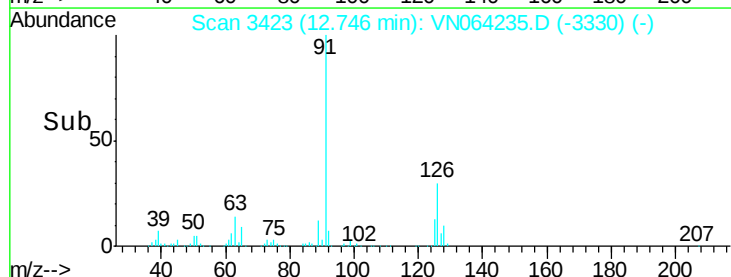
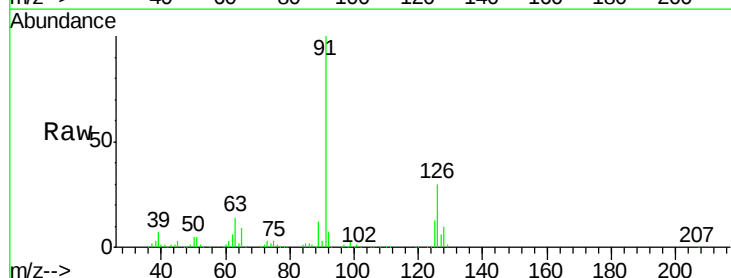
RT: 12.75 min Scan# 3423

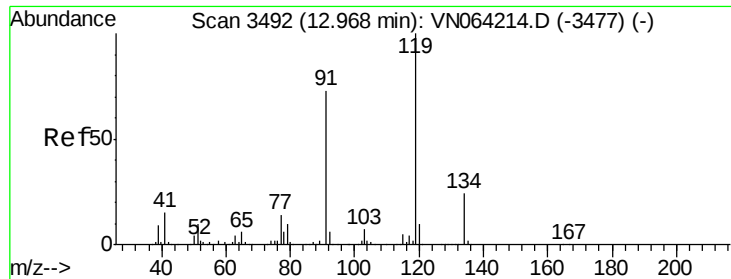
Delta R.T. -0.00 min

Lab File: VN064235.D

Acq: 21 Oct 2020 20:41

Tgt Ion:	91	Resp:	563730
Ion Ratio	Lower	Upper	
91	100		
126	30.9	15.8	47.3





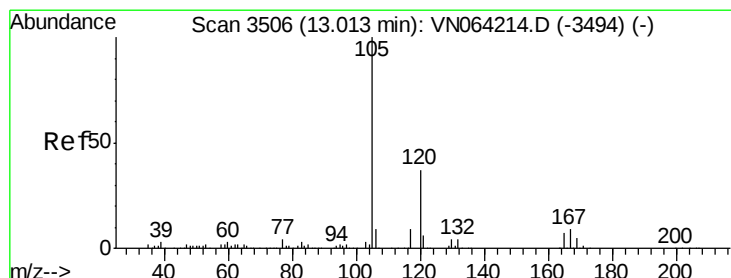
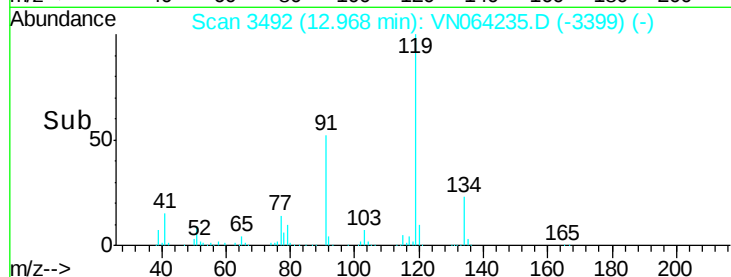
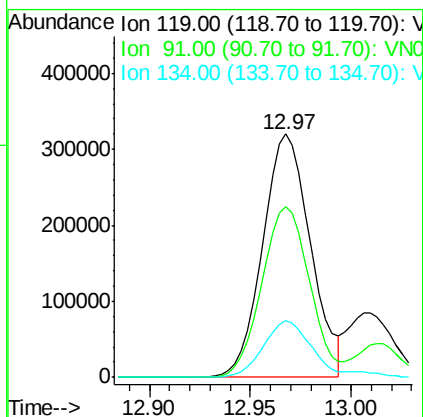
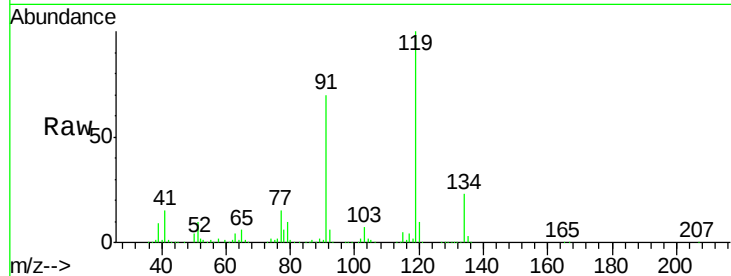
#83
tert-Butylbenzene
Concen: 50.731 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. -0.00 min
Lab File: VN064235.D
Acq: 21 Oct 2020 20:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	70.6	35.1	105.3
134	24.7	11.6	34.8

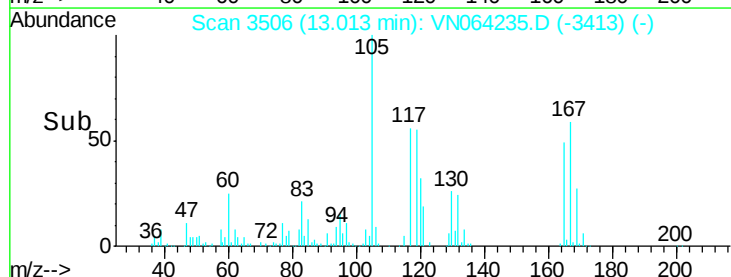
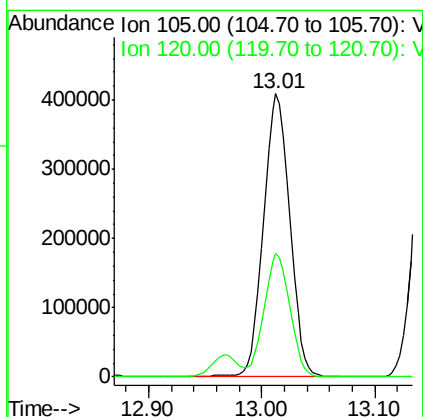
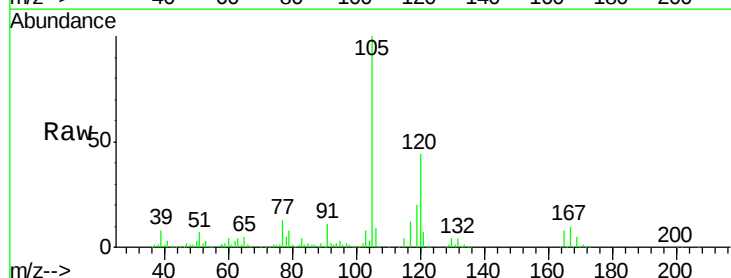
Manual Integrations
APPROVED

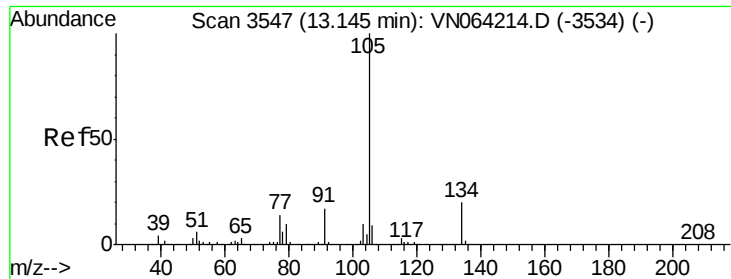
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#84
1,2,4-Trimethylbenzene
Concen: 52.206 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. -0.00 min
Lab File: VN064235.D
Acq: 21 Oct 2020 20:41

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.0	21.5	64.5





#85

sec-Butylbenzene

Concen: 50.508 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN064235.D

Acq: 21 Oct 2020 20:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 663611

Ion Ratio Lower Upper

105 100

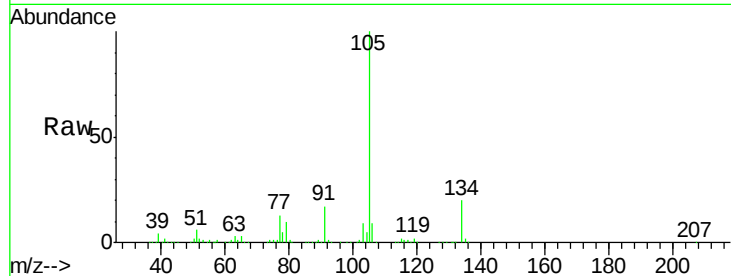
134 19.4 9.7 29.1

Manual Integrations

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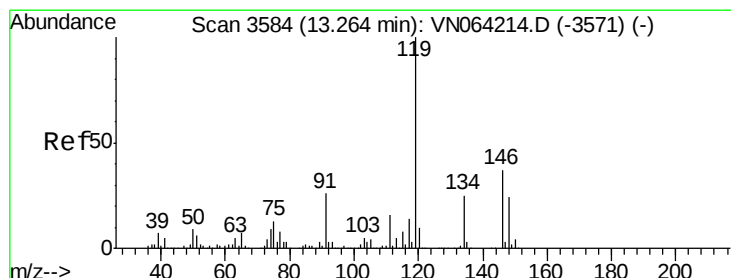
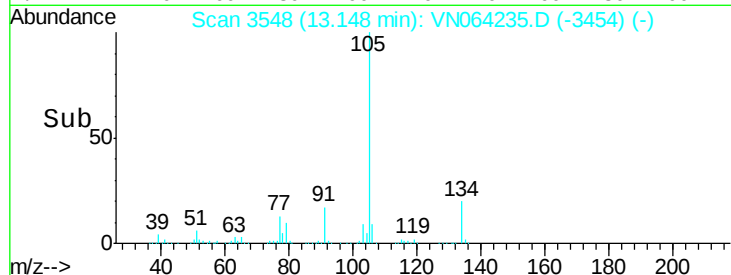
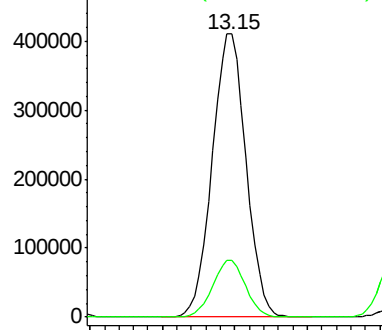
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.219 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. -0.00 min

Lab File: VN064235.D

Acq: 21 Oct 2020 20:41

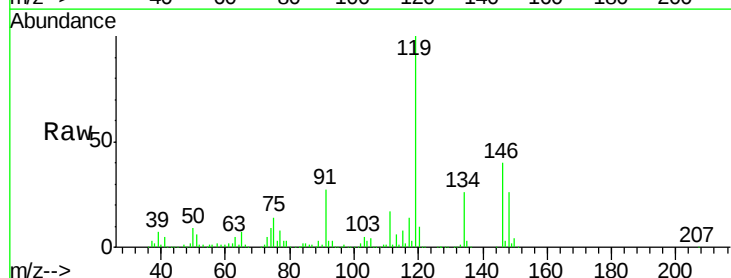
Tgt Ion:119 Resp: 612814

Ion Ratio Lower Upper

119 100

134 25.5 13.1 39.3

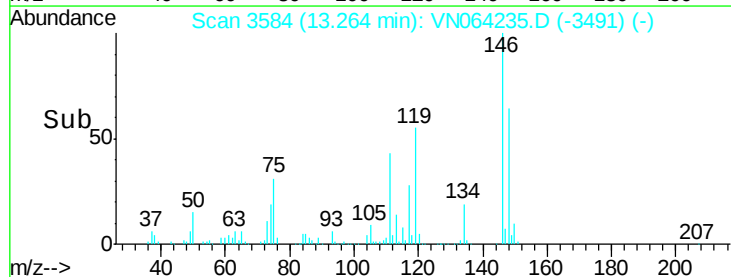
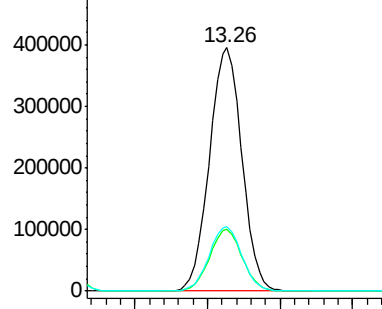
91 26.5 13.4 40.2

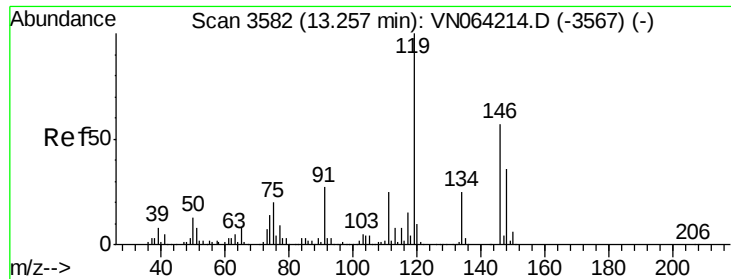


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





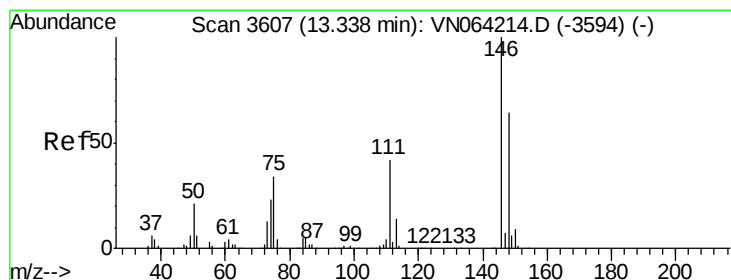
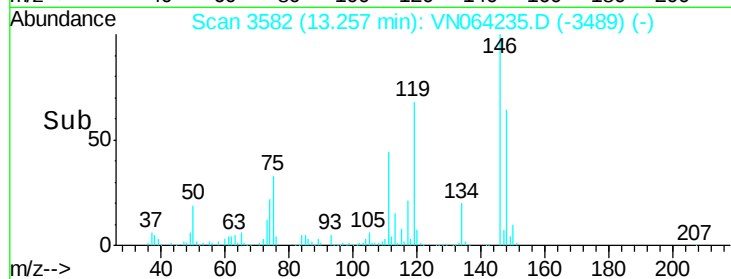
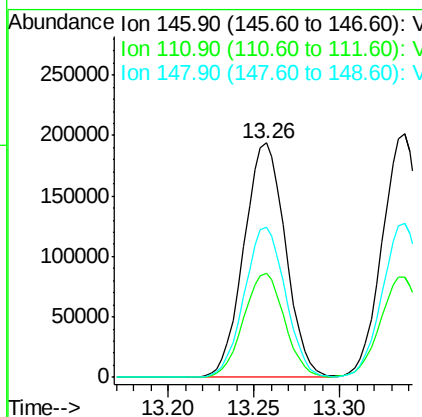
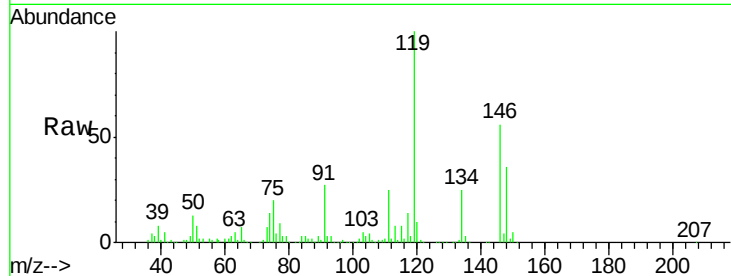
#87
 1,3-Dichlorobenzene
 Concen: 51.513 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN064235.D
 Acq: 21 Oct 2020 20:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.6	21.6	65.0
148	63.6	31.7	95.1

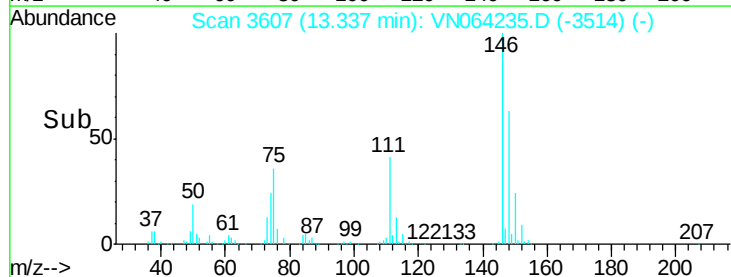
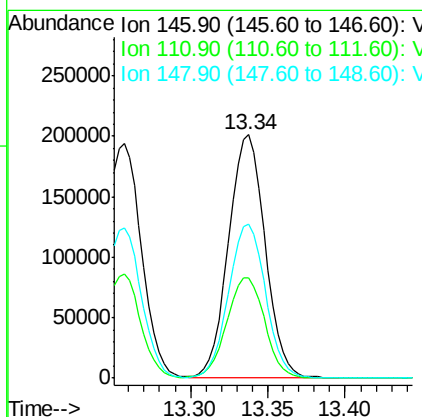
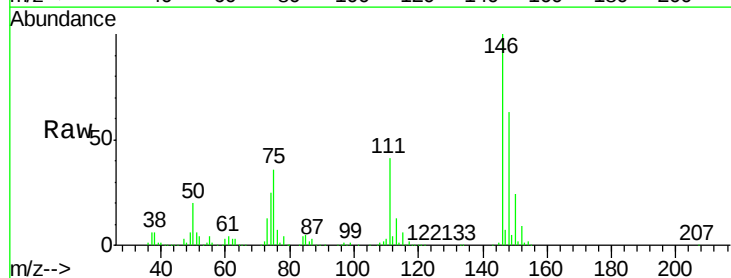
Manual Integrations
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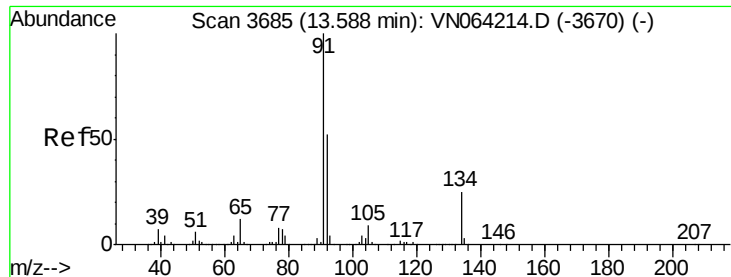
MMDadoda
 10/23/2020 2:10:28 PM



#88
 1,4-Dichlorobenzene
 Concen: 50.900 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. -0.00 min
 Lab File: VN064235.D
 Acq: 21 Oct 2020 20:41

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.8	21.5	64.5
148	64.6	32.0	96.0





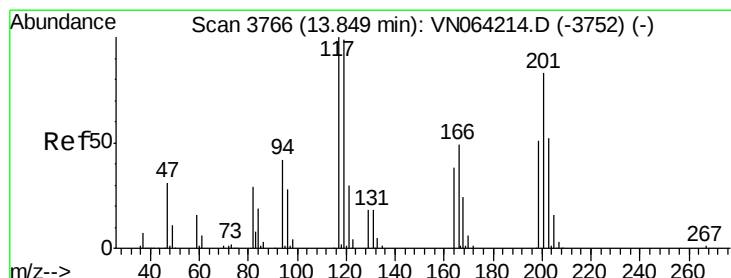
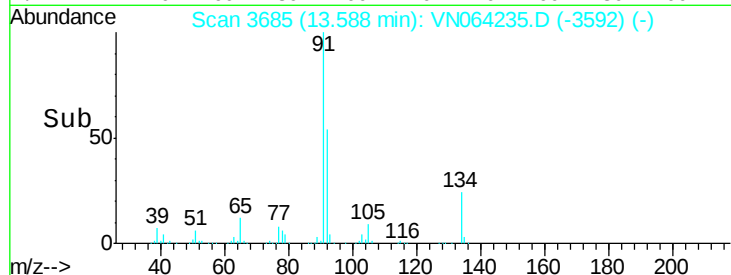
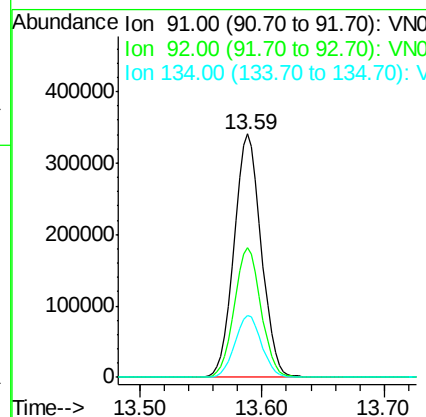
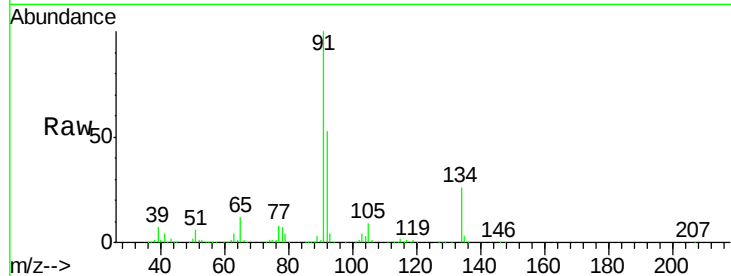
#89
n-Butylbenzene
Concen: 49.219 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN064235.D
Acq: 21 Oct 2020 20:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
91	100			
92	52.5	25.7	77.0	
134	25.1	12.3	36.8	

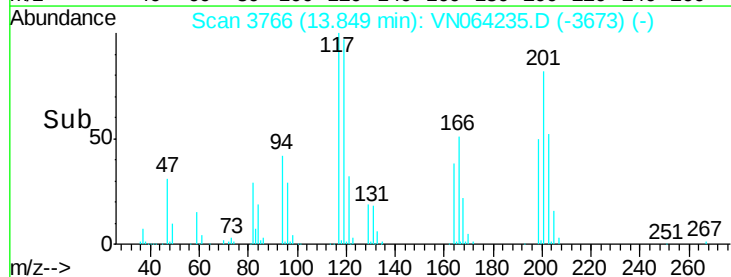
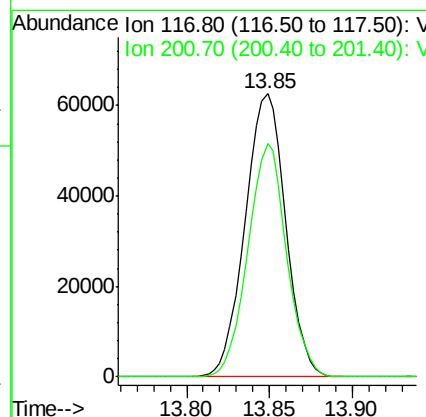
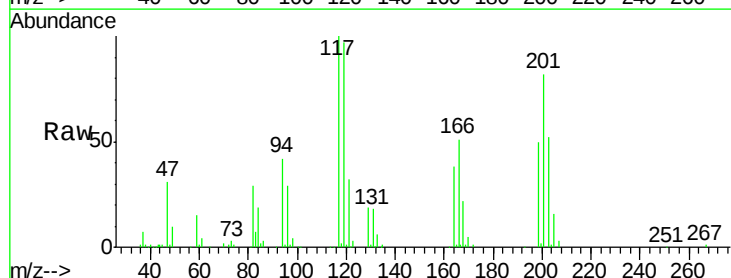
Manual Integrations
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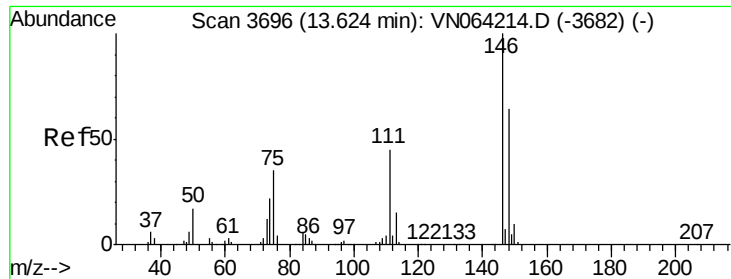
MMDadoda
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#90
Hexachloroethane
Concen: 49.233 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. -0.00 min
Lab File: VN064235.D
Acq: 21 Oct 2020 20:41

Tgt Ion	Ion	Ratio	Lower	Upper
117	100			
201	78.5	40.1	120.3	





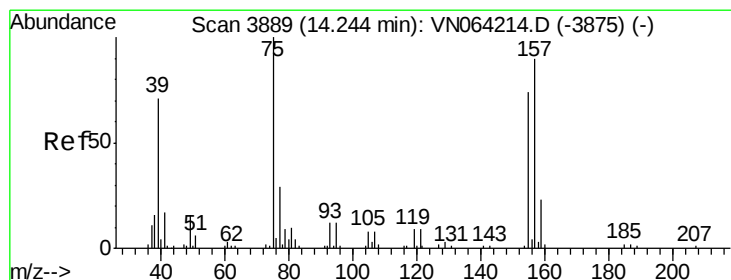
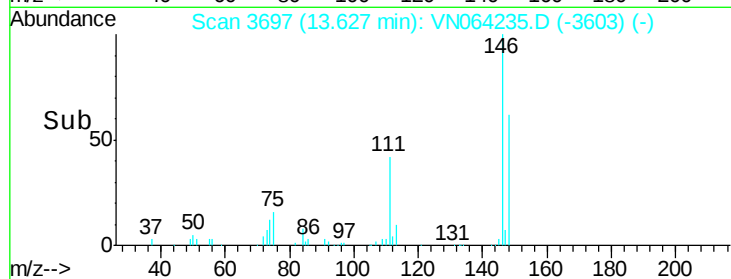
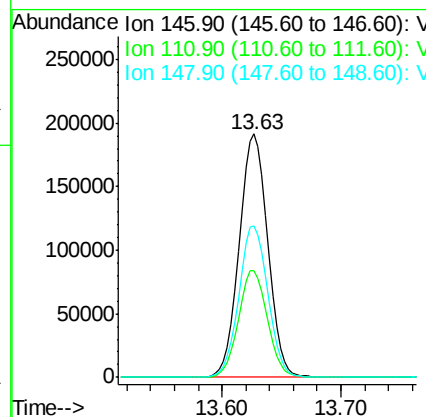
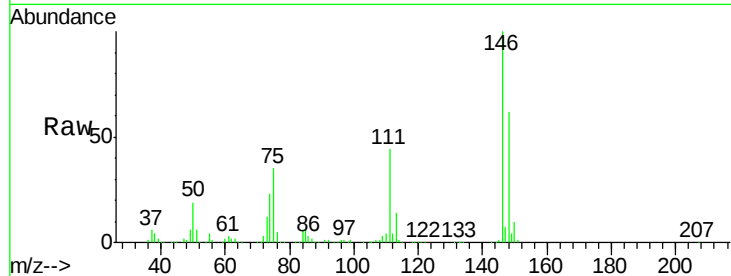
#91
 1,2-Dichlorobenzene
 Concen: 51.454 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064235.D
 Acq: 21 Oct 2020 20:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.5	22.9	68.7
148	63.2	31.9	95.5

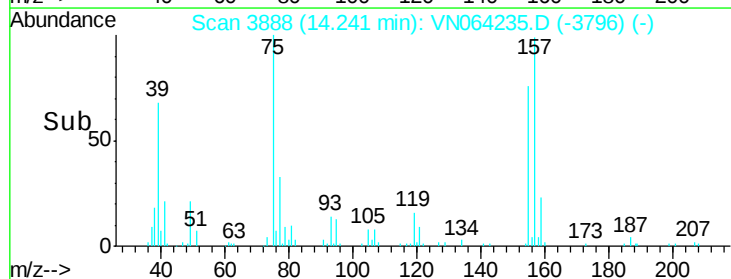
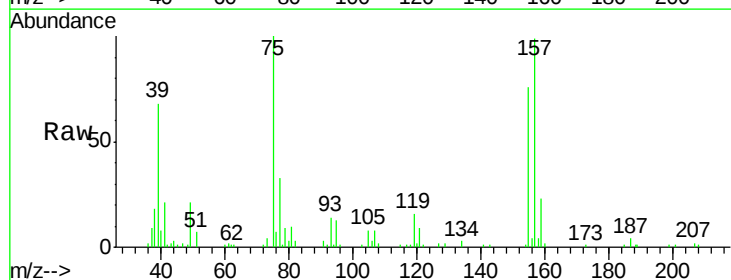
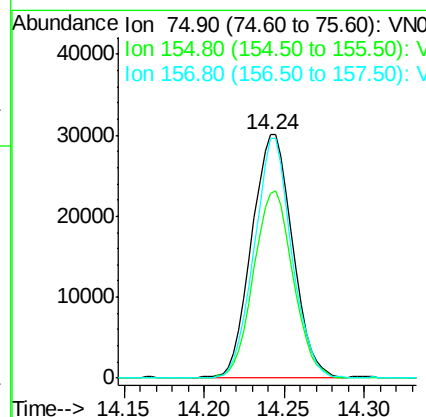
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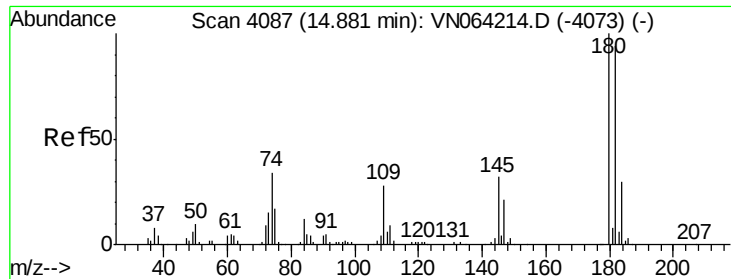
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 10/23/2020 2:10:28 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.971 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN064235.D
 Acq: 21 Oct 2020 20:41

Tgt Ion	Ratio	Lower	Upper
75	100		
155	74.0	36.9	110.7
157	90.2	44.6	133.8





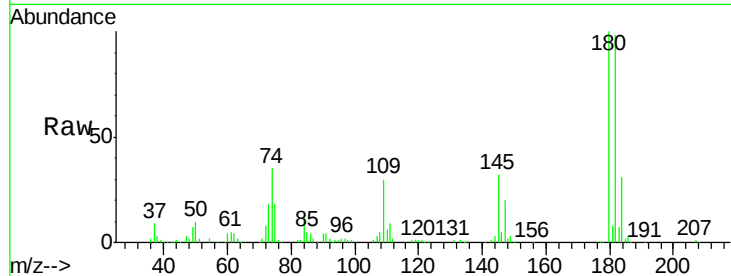
#93
 1,2,4-Trichlorobenzene
 Concen: 51.280 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. -0.00 min
 Lab File: VN064235.D
 Acq: 21 Oct 2020 20:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

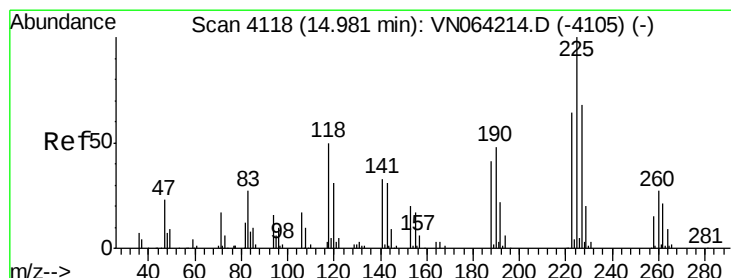
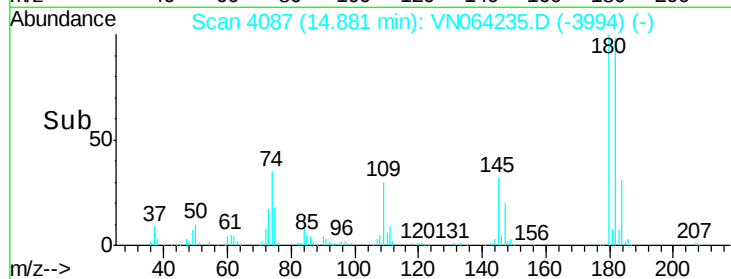
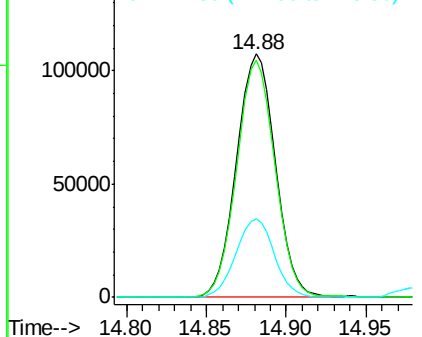
Tot Ion	Ratio	Resp	Lower	Upper
180	100	178214		
182	96.1	46.9	140.7	
145	31.7	16.1	48.3	

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 10/23/2020 2:10:28 PM

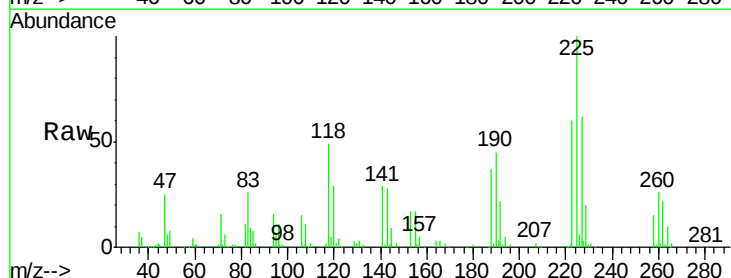


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

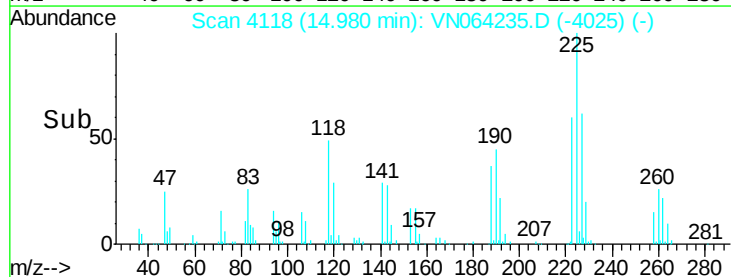
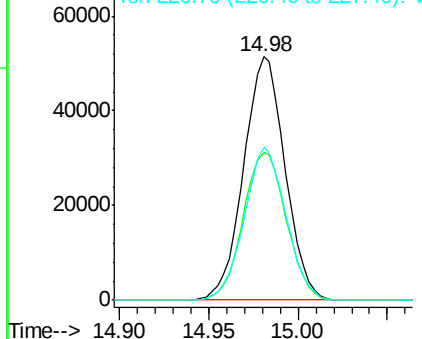


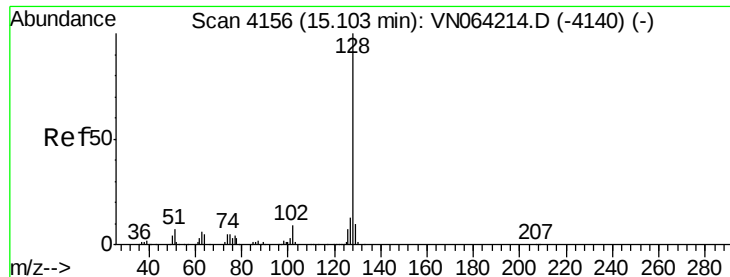
#94
 Hexachlorobutadiene
 Concen: 44.567 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN064235.D
 Acq: 21 Oct 2020 20:41

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	83537		
223	63.0	31.5	94.5	
227	63.0	32.1	96.5	



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





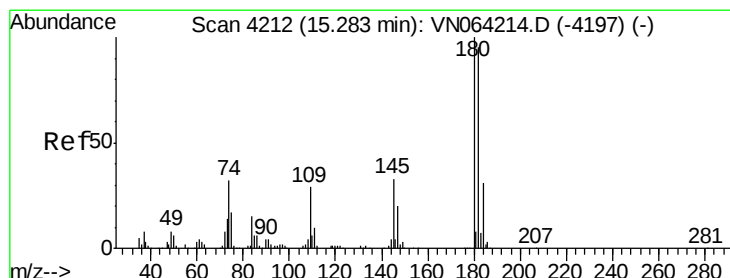
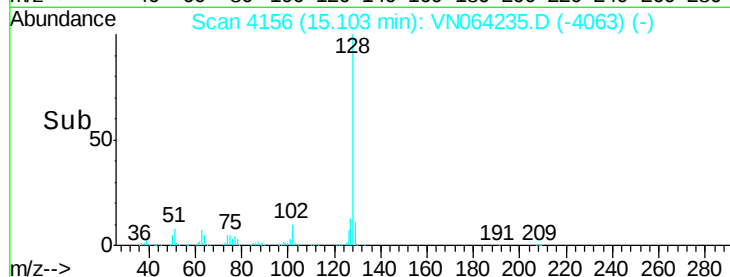
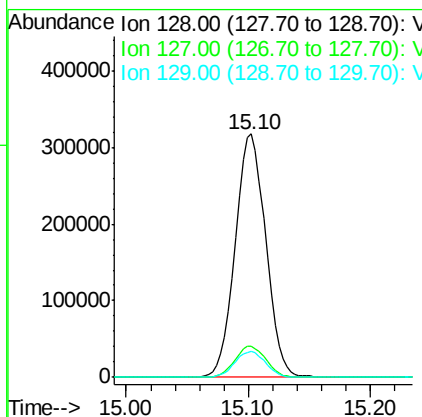
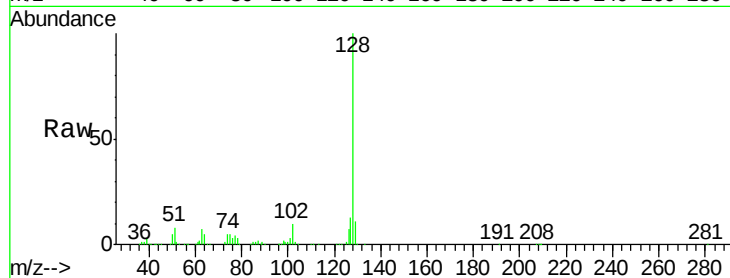
#95
Naphthalene
Concen: 53.045 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. -0.00 min
Lab File: VN064235.D
Acq: 21 Oct 2020 20:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.5	15.7
129	10.7	8.6	12.8

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#96
1,2,3-Trichlorobenzene
Concen: 51.194 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. -0.00 min
Lab File: VN064235.D
Acq: 21 Oct 2020 20:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	48.0	144.2
145	33.6	17.1	51.3

