

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111220\
 Data File : VN064572.D
 Acq On : 12 Nov 2020 9:47
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 11/13/2020 11:42:09 AM

Quant Time: Nov 13 03:12:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 12:09:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	321207	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	528201	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	511607	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	251702	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	268716	48.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.06%	
35) Dibromofluoromethane	7.55	113	185026	51.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.90%	
50) Toluene-d8	10.06	98	706215	50.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.62%	
62) 4-Bromofluorobenzene	12.38	95	268407	51.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.84	85	183223	43.820	ug/l	97
3) Chloromethane	2.04	50	210081	41.365	ug/l	98
4) Vinyl Chloride	2.17	62	235453	45.146	ug/l	99
5) Bromomethane	2.53	94	157350	47.226	ug/l	98
6) Chloroethane	2.67	64	156710	46.931	ug/l	98
7) Trichlorofluoromethane	2.98	101	377873	49.204	ug/l	99
8) Diethyl Ether	3.37	74	130921	48.275	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.71	101	173788	47.654	ug/l	99
10) Methyl Iodide	3.90	142	205446	48.482	ug/l	99
11) Tert butyl alcohol	4.75	59	148889	241.309	ug/l	99
12) 1,1-Dichloroethene	3.69	96	159620	46.466	ug/l	97
13) Acrolein	3.57	56	87746	229.269	ug/l	97
14) Allyl chloride	4.27	41	294735	43.859	ug/l	98
15) Acrylonitrile	4.93	53	443314	258.069	ug/l	98
16) Acetone	3.78	43	665403	312.218	ug/l	98
17) Carbon Disulfide	4.00	76	463261	45.095	ug/l	98
18) Methyl Acetate	4.28	43	211116	50.387	ug/l	100
19) Methyl tert-butyl Ether	5.00	73	577630	46.720	ug/l	99
20) Methylene Chloride	4.50	84	191694	45.334	ug/l	96
21) trans-1,2-Dichloroethene	4.98	96	183522	47.052	ug/l	99
22) Diisopropyl ether	5.90	45	657304	46.079	ug/l	99
23) Vinyl Acetate	5.85	43	2803130	241.557	ug/l	98
24) 1,1-Dichloroethane	5.80	63	363501	46.373	ug/l	99
25) 2-Butanone	6.79	43	785695	289.341	ug/l	100
26) 2,2-Dichloropropane	6.77	77	339082	47.786	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	208398	46.109	ug/l	97
28) Bromochloromethane	7.15	49	181292	47.053	ug/l	100
29) Tetrahydrofuran	7.17	42	419578	251.847	ug/l	99
30) Chloroform	7.33	83	392356	47.618	ug/l	100
31) Cyclohexane	7.61	56	284524	41.834	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	351083	48.041	ug/l	99
36) 1,1-Dichloropropene	7.75	75	280985	50.355	ug/l	98
37) Ethyl Acetate	6.88	43	282891	49.951	ug/l	99
38) Carbon Tetrachloride	7.73	117	310088	51.996	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	251166	50.211	ug/l	97
40) Benzene	8.00	78	808776	49.324	ug/l	98
41) Methacrylonitrile	7.13	41	130637	52.806	ug/l	91
42) 1,2-Dichloroethane	8.09	62	338542	51.161	ug/l	99
43) Isopropyl Acetate	8.13	43	458233	50.673	ug/l	100
44) Trichloroethene	8.80	130	204099	49.335	ug/l	98
45) 1,2-Dichloropropane	9.08	63	218173	49.867	ug/l	96
46) Dibromomethane	9.17	93	151524	52.611	ug/l	100
47) Bromodichloromethane	9.37	83	329950	53.280	ug/l	97
48) Methyl methacrylate	9.17	41	243069	53.268	ug/l	98
49) 1,4-Dioxane	9.17	88	68943	1147.087	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	1473992	279.504	ug/l	100
52) Toluene	10.12	92	515688	51.564	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	343940	52.387	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	358640	51.091	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	205920	52.796	ug/l	98
56) Ethyl methacrylate	10.40	69	293732	45.929	ug/l	99
57) 1,3-Dichloropropane	10.68	76	353435	51.916	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	769482	253.445	ug/l	97
59) 2-Hexanone	10.72	43	1198852	278.319	ug/l	99
60) Dibromochloromethane	10.87	129	237922	54.485	ug/l	99
61) 1,2-Dibromoethane	10.98	107	216775	54.795	ug/l	98
64) Tetrachloroethene	10.60	164	192021	48.725	ug/l	97
65) Chlorobenzene	11.41	112	543084	48.422	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	216570	51.760	ug/l	98
67) Ethyl Benzene	11.48	91	1011357	50.696	ug/l	100
68) m/p-Xylenes	11.60	106	746939	103.241	ug/l	98
69) o-Xylene	11.92	106	348602	49.863	ug/l	99
70) Styrene	11.94	104	624495	53.084	ug/l	99
71) Bromoform	12.10	173	158010	50.287	ug/l #	99
73) Isopropylbenzene	12.23	105	937192	46.845	ug/l	100
74) N-amyl acetate	12.05	43	414867	42.933	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	294212	47.879	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	287051m	47.069	ug/l	
77) Bromobenzene	12.50	156	222713	45.597	ug/l	99
78) n-propylbenzene	12.57	91	1130956	49.585	ug/l	100
79) 2-Chlorotoluene	12.65	91	691028	47.769	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	821046	49.747	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.28	75	106202	48.623	ug/l	96
82) 4-Chlorotoluene	12.75	91	723617	47.764	ug/l	98
83) tert-Butylbenzene	12.97	119	627273	48.663	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	830180	50.036	ug/l	99
85) sec-Butylbenzene	13.15	105	836700	51.252	ug/l	100
86) p-Isopropyltoluene	13.26	119	765019	52.099	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	414622	49.107	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	417996	47.905	ug/l	98
89) n-Butylbenzene	13.59	91	666789	52.814	ug/l	99
90) Hexachloroethane	13.85	117	145617	51.407	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	411605	50.680	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	64210	52.483	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	189847	47.164	ug/l	98
94) Hexachlorobutadiene	14.98	225	87922	53.171	ug/l	98
95) Naphthalene	15.10	128	595945	43.664	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	185538	47.622	ug/l	99

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

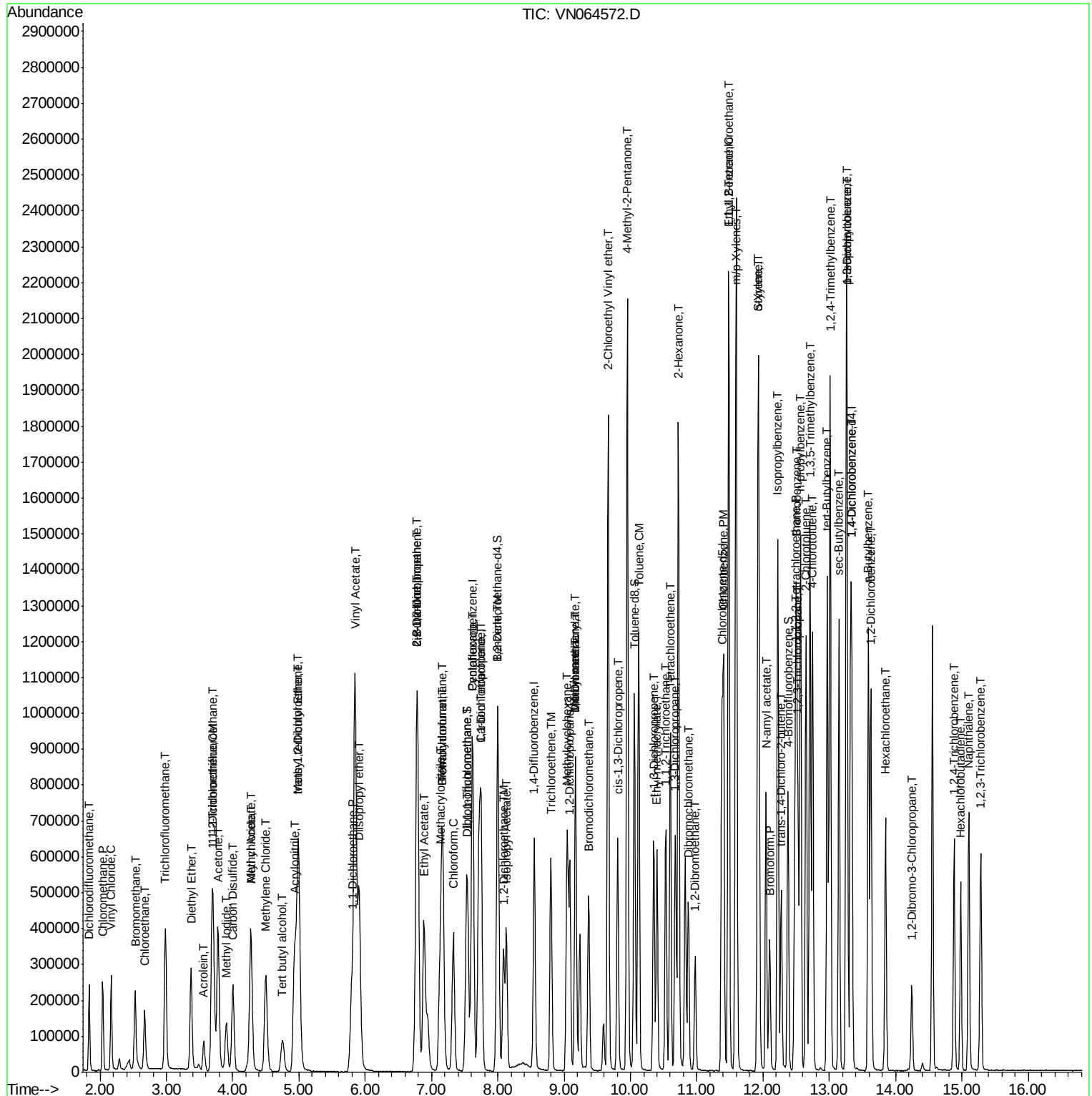
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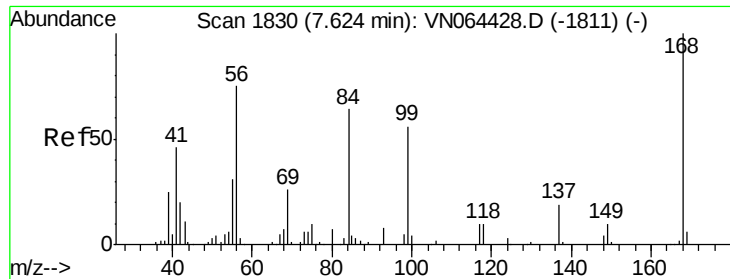
Instrument :
MSVOA_N
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064572.D

Acq: 12 Nov 2020 9:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 321207

Ion Ratio Lower Upper

168 100

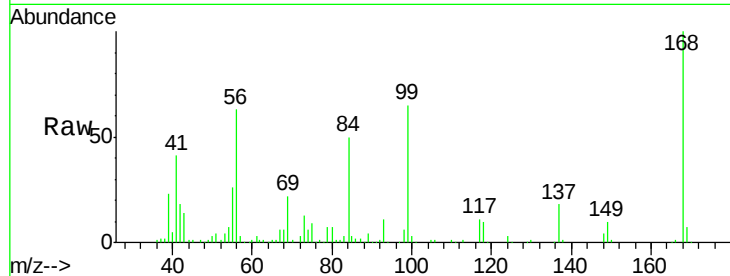
99 64.4 53.4 80.2

Manual Integrations

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11/13/2020 11:42:09 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.62

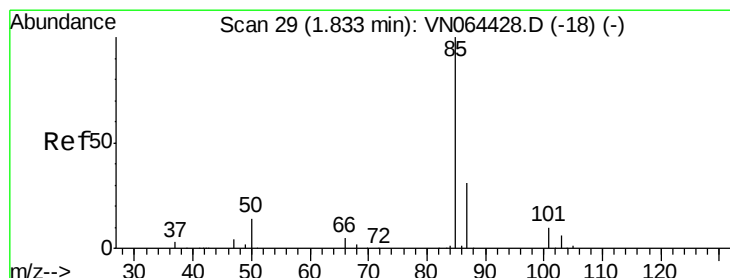
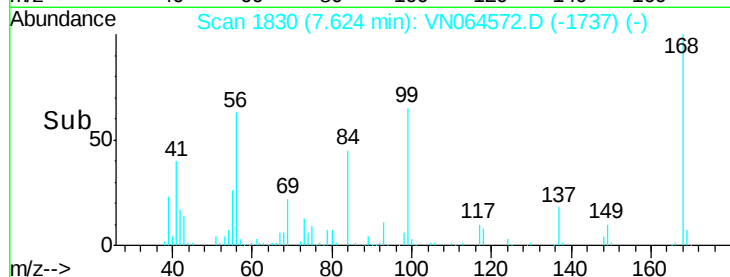
150000

100000

50000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 43.820 ug/l

RT: 1.84 min Scan# 30

Delta R.T. 0.00 min

Lab File: VN064572.D

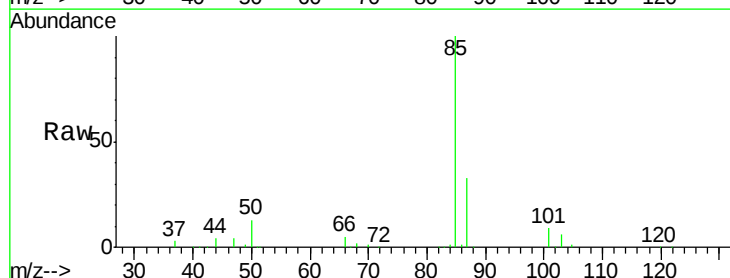
Acq: 12 Nov 2020 9:47

Tgt Ion: 85 Resp: 183223

Ion Ratio Lower Upper

85 100

87 32.9 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.84

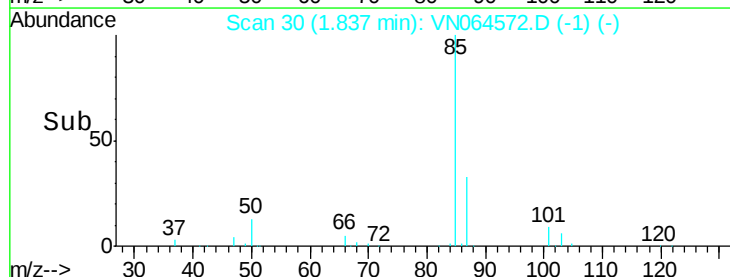
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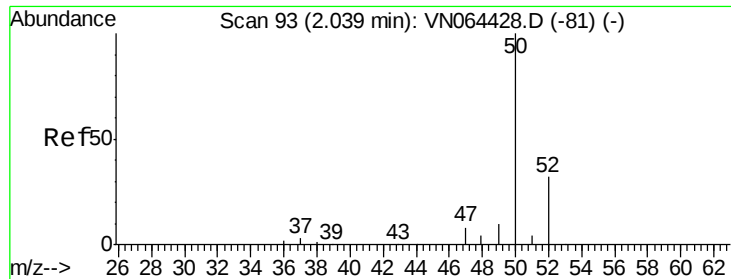
100000

50000

0

Time--> 1.75 1.80 1.85 1.90





#3

Chloromethane

Concen: 41.365 ug/l

RT: 2.04 min Scan# 93

Delta R.T. -0.00 min

Lab File: VN064572.D

Acq: 12 Nov 2020 9:47

Tot Ion: 50 Resp: 210081

Ion Ratio Lower Upper

50 100

52 32.8 25.3 37.9

Instrument :

MSVOA_N

ClientSampleId :

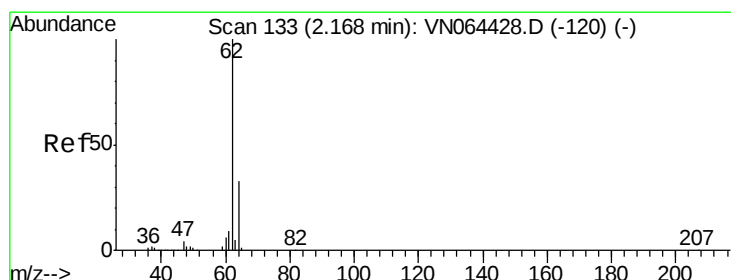
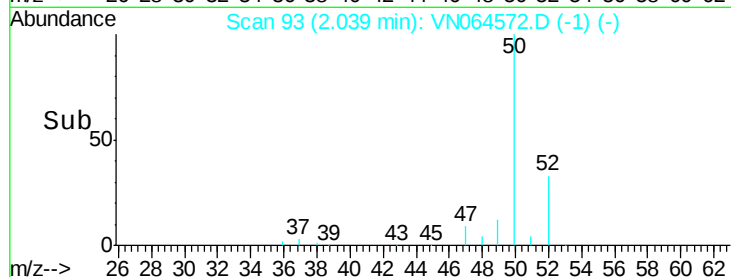
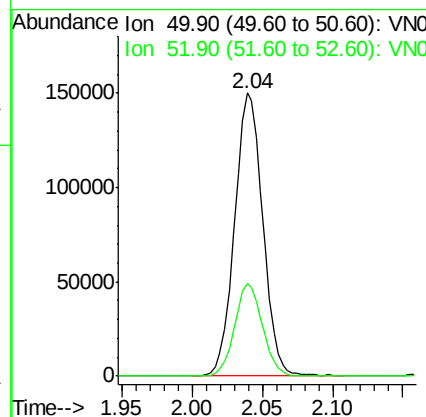
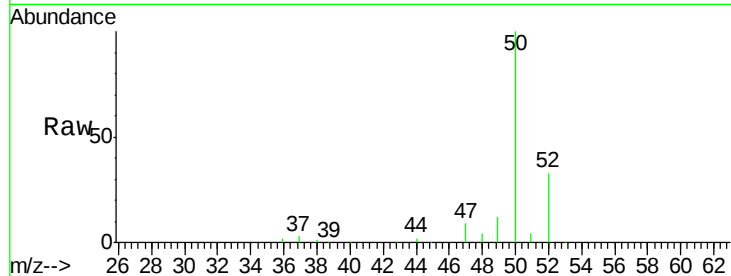
VSTDCCC050

Manual Integrations

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11/13/2020 11:42:09 AM



#4

Vinyl Chloride

Concen: 45.146 ug/l

RT: 2.17 min Scan# 133

Delta R.T. -0.00 min

Lab File: VN064572.D

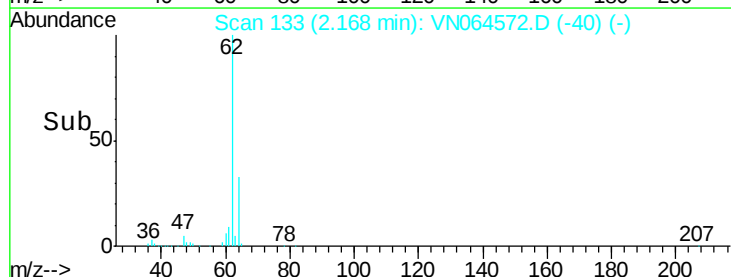
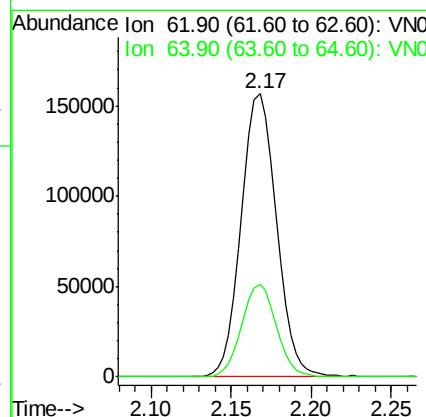
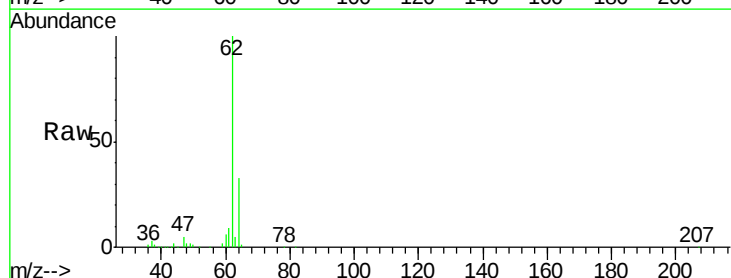
Acq: 12 Nov 2020 9:47

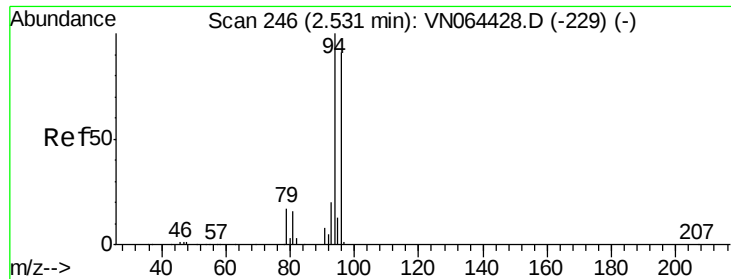
Tgt Ion: 62 Resp: 235453

Ion Ratio Lower Upper

62 100

64 32.5 26.3 39.5





#5

Bromomethane

Concen: 47.226 ug/l

RT: 2.53 min Scan# 245

Delta R.T. -0.00 min

Lab File: VN064572.D

Acq: 12 Nov 2020 9:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 157350

Ion Ratio Lower Upper

94 100

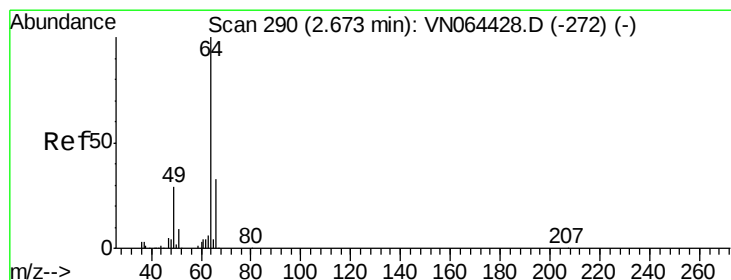
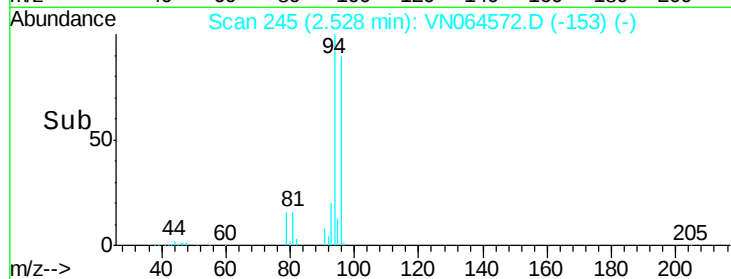
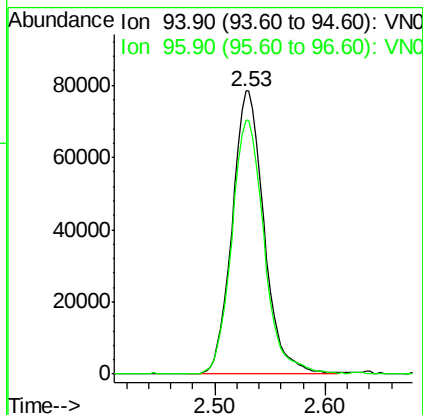
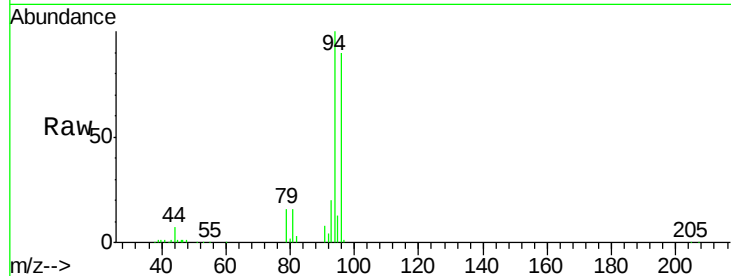
96 89.5 73.1 109.7

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#6

Chloroethane

Concen: 46.931 ug/l

RT: 2.67 min Scan# 290

Delta R.T. -0.00 min

Lab File: VN064572.D

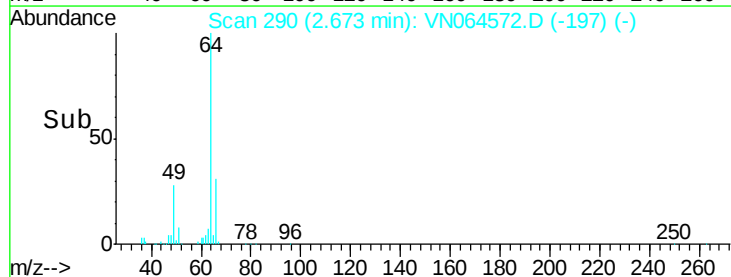
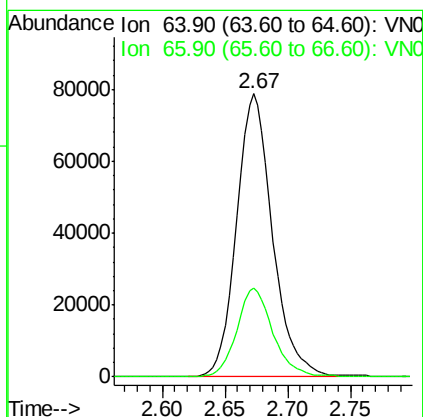
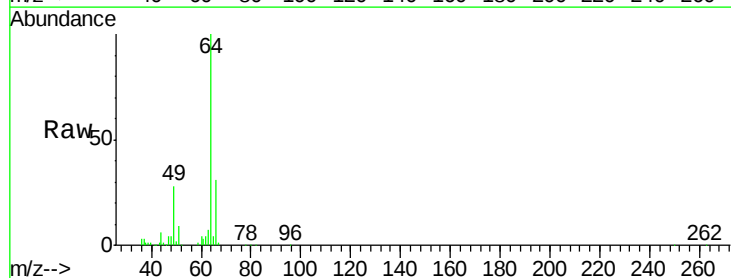
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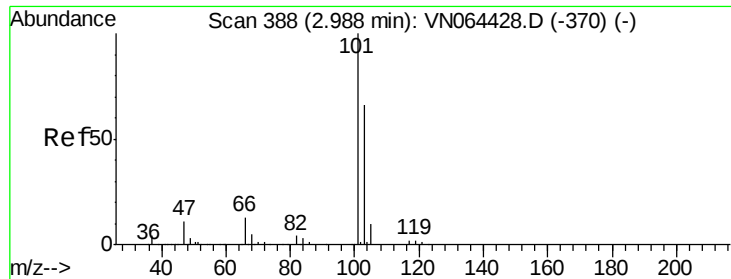
Tgt Ion: 64 Resp: 156710

Ion Ratio Lower Upper

64 100

66 31.5 26.1 39.1





#7

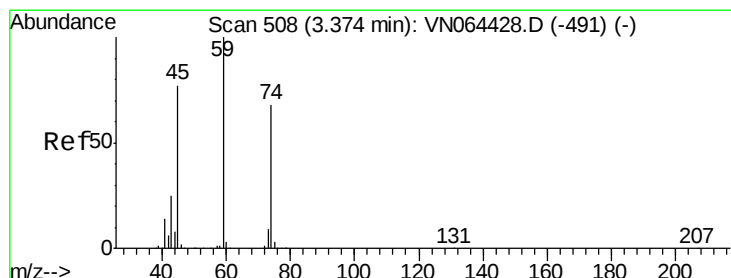
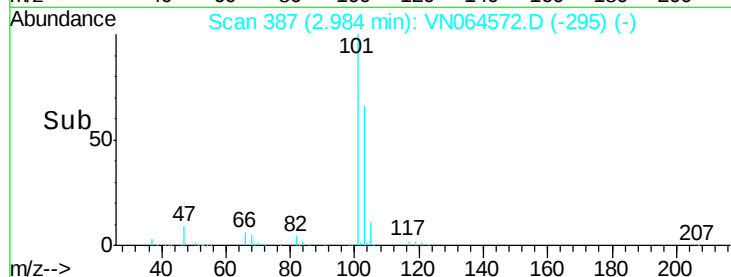
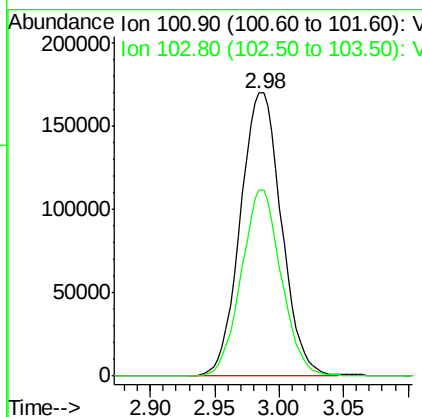
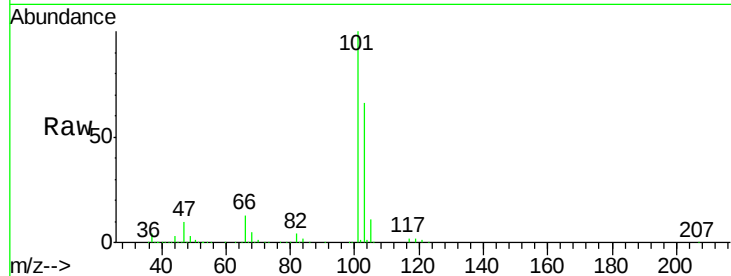
Trichlorofluoromethane
Concen: 49.204 ug/l
RT: 2.98 min Scan# 387
Delta R.T. -0.00 min
Lab File: VN064572.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.9	52.4	78.6

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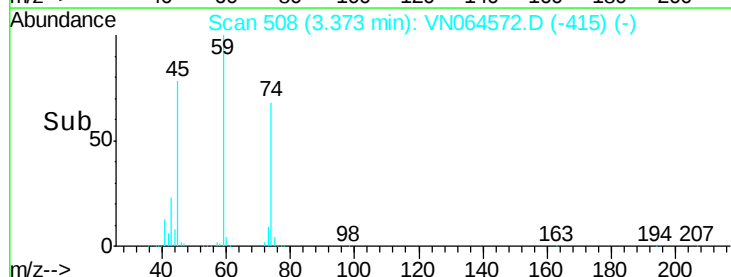
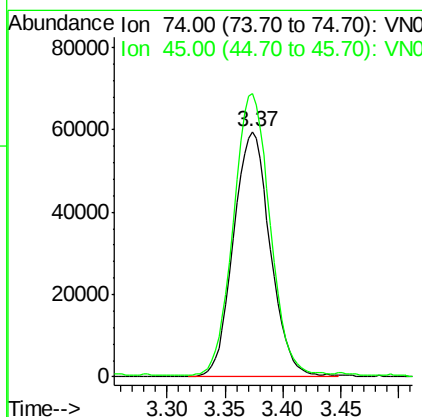
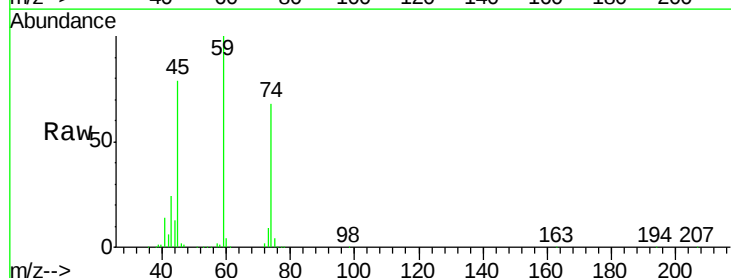
MMDadoda
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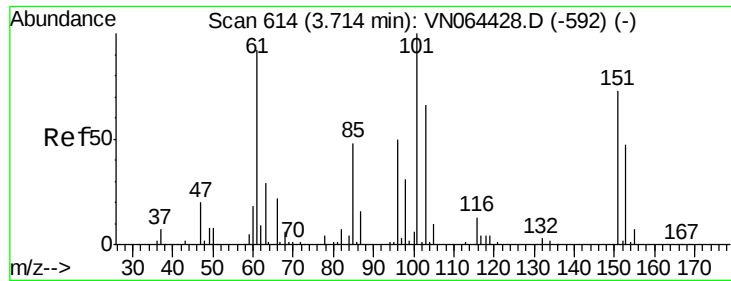


#8

Diethyl Ether
Concen: 48.275 ug/l
RT: 3.37 min Scan# 508
Delta R.T. -0.00 min
Lab File: VN064572.D
Acq: 12 Nov 2020 9:47

Tgt Ion	Ratio	Lower	Upper
74	100		
45	114.1	55.9	167.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.654 ug/l

RT: 3.71 min Scan# 613

Delta R.T. -0.00 min

Lab File: VN064572.D

Acq: 12 Nov 2020 9:47

Instrument :

MSVOA_N

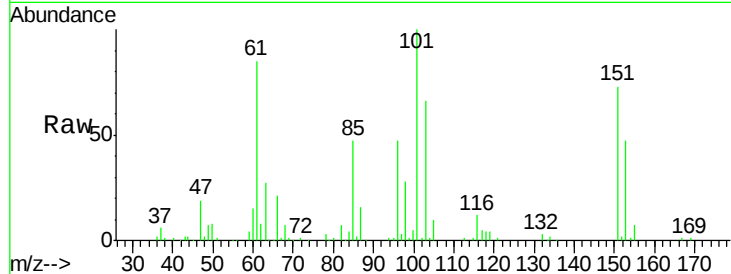
ClientSampleId :

VSTDCCC050

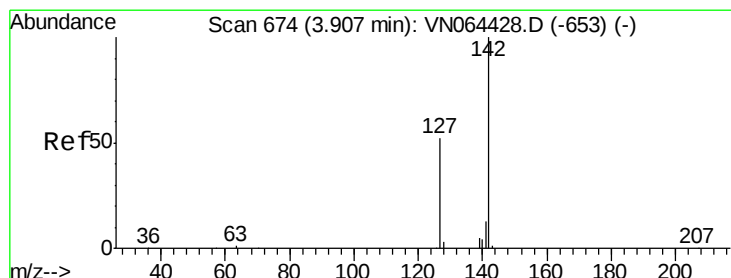
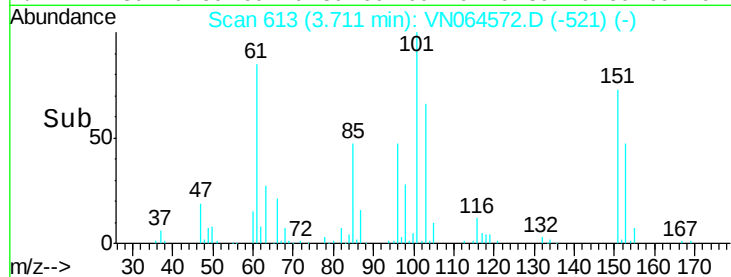
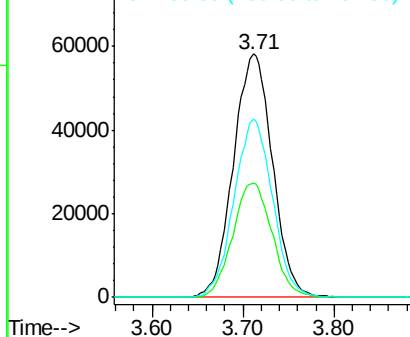
Tot Ion:	101	Resp:	173788
Ion Ratio	Lower	Upper	
101	100		
85	47.3	38.6	57.8
151	72.1	57.5	86.3

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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 48.482 ug/l

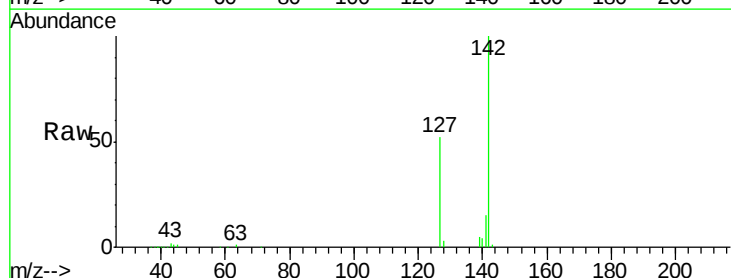
RT: 3.90 min Scan# 673

Delta R.T. -0.00 min

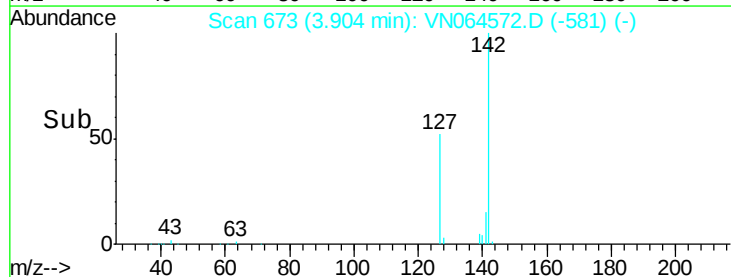
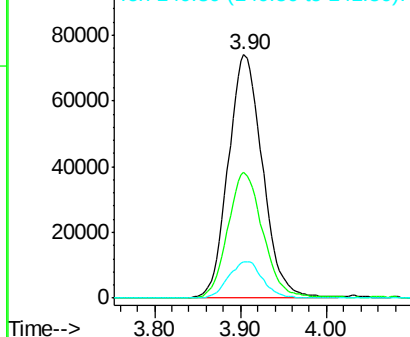
Lab File: VN064572.D

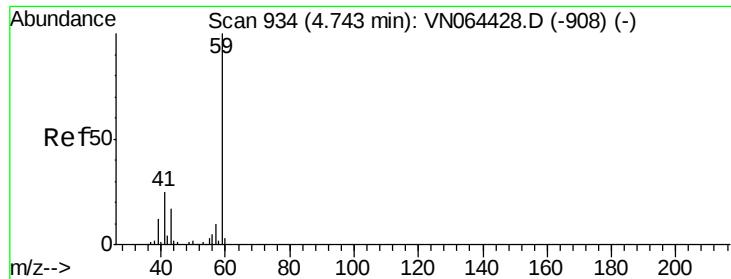
Acq: 12 Nov 2020 9:47

Tgt Ion:	142	Resp:	205446
Ion Ratio	Lower	Upper	
142	100		
127	52.7	41.8	62.8
141	14.9	11.4	17.2



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

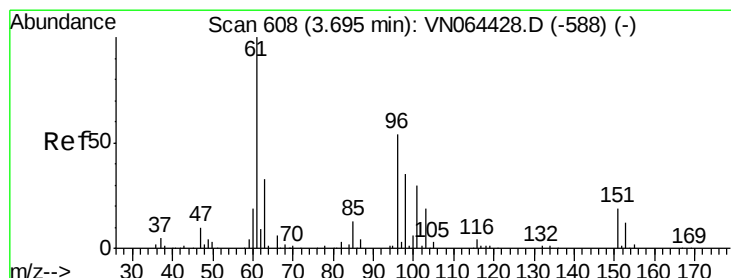
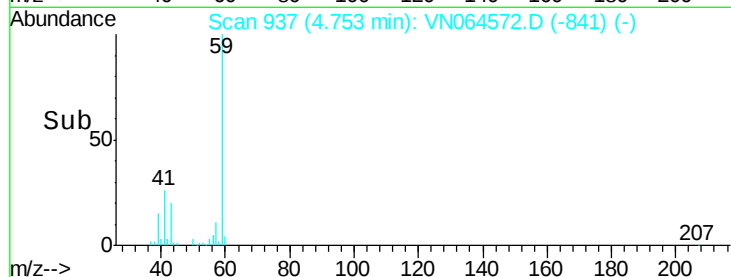
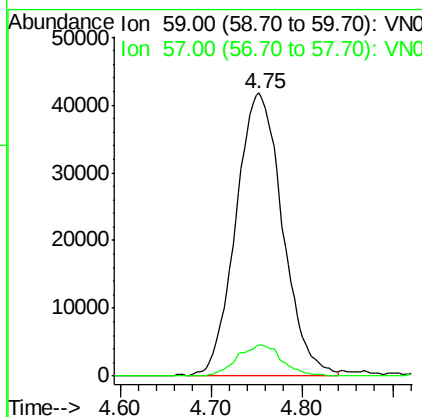
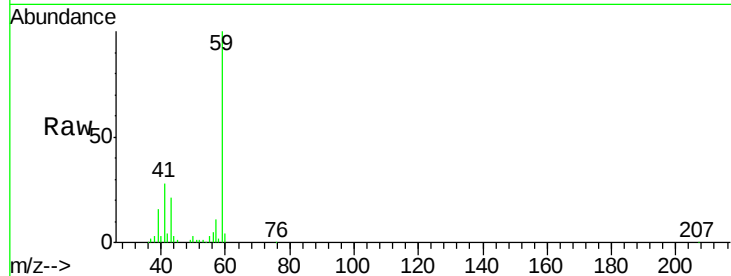
Tert butyl alcohol
Concen: 241.309 ug/l
RT: 4.75 min Scan# 937
Delta R.T. 0.01 min
Lab File: VN064572.D
Acq: 12 Nov 2020 9:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	59	100	148889		
57	57	10.6		9.0	13.4

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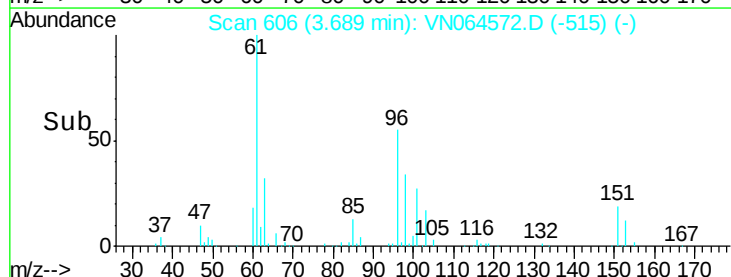
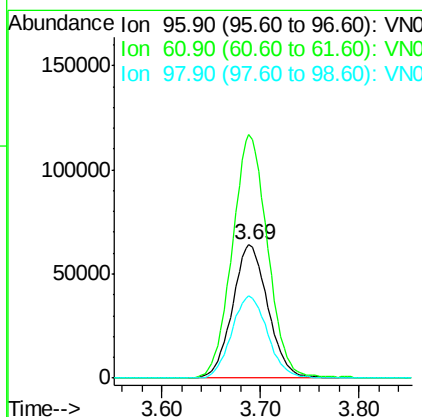
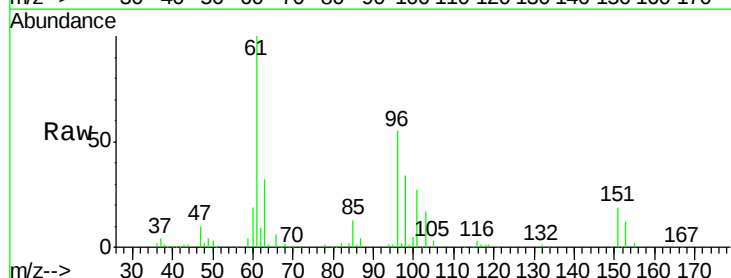
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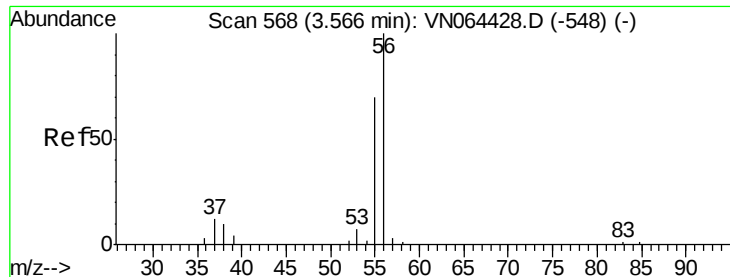


#12

1,1-Dichloroethene
Concen: 46.466 ug/l
RT: 3.69 min Scan# 606
Delta R.T. -0.01 min
Lab File: VN064572.D
Acq: 12 Nov 2020 9:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	96	100	159620		
61	61	183.0		149.5	224.3
98	98	61.6		52.4	78.6





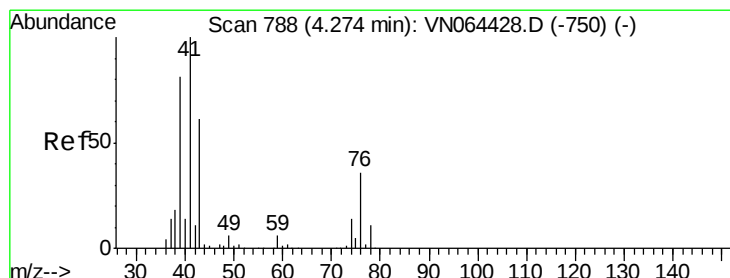
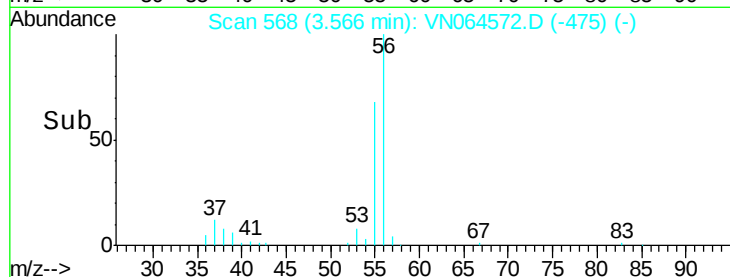
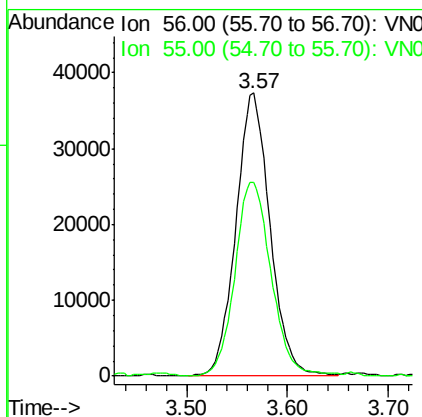
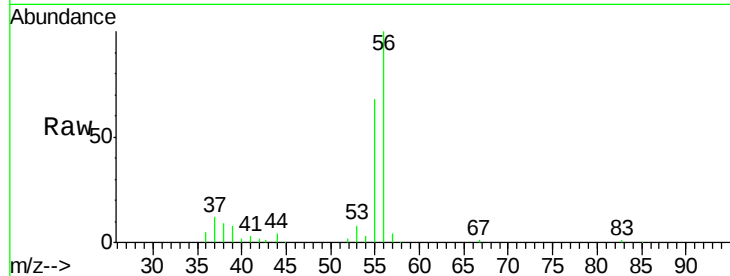
#13
Acrolein
Concen: 229.269 ug/l
RT: 3.57 min Scan# 568
Delta R.T. -0.00 min
Lab File: VN064572.D
Acq: 12 Nov 2020 9:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
55	72.5	55.9	83.9

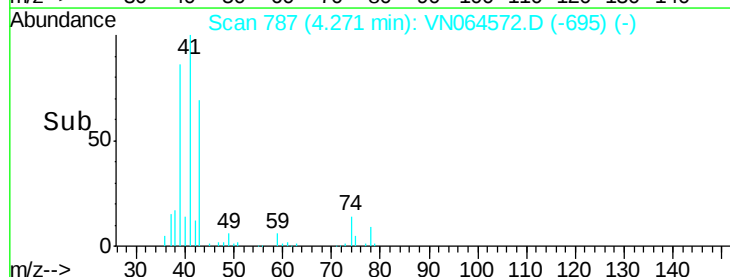
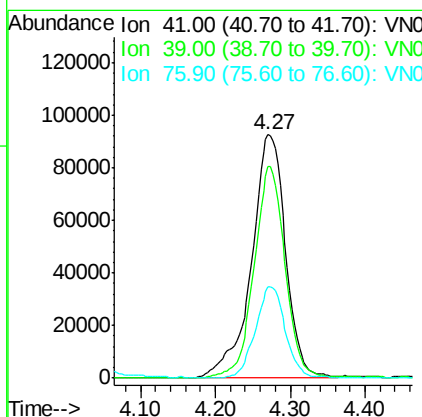
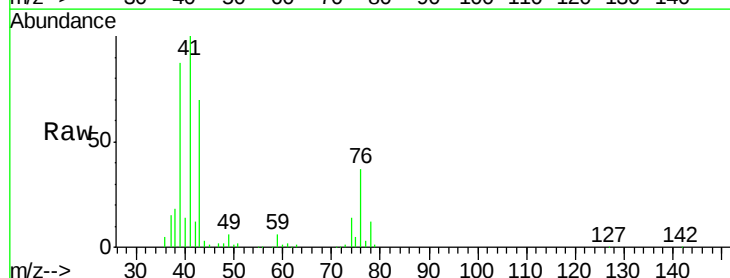
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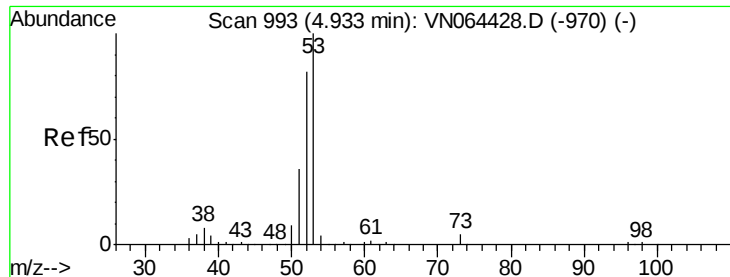
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#14
Allyl chloride
Concen: 43.859 ug/l
RT: 4.27 min Scan# 787
Delta R.T. -0.00 min
Lab File: VN064572.D
Acq: 12 Nov 2020 9:47

Tgt Ion	Ratio	Lower	Upper
41	100		
39	79.0	61.8	92.8
76	32.3	25.4	38.0





#15

Acrylonitrile

Concen: 258.069 ug/l

RT: 4.93 min Scan# 993

Delta R.T. -0.00 min

Lab File: VN064572.D

Acq: 12 Nov 2020 9:47

Instrument :

MSVOA_N

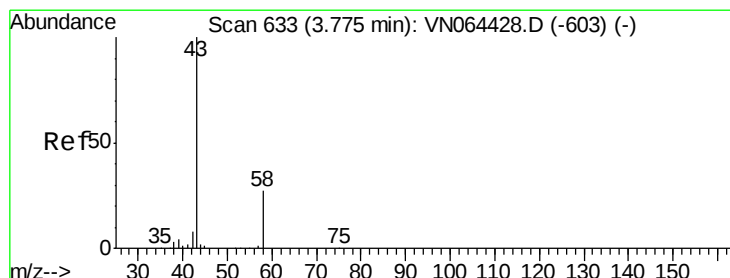
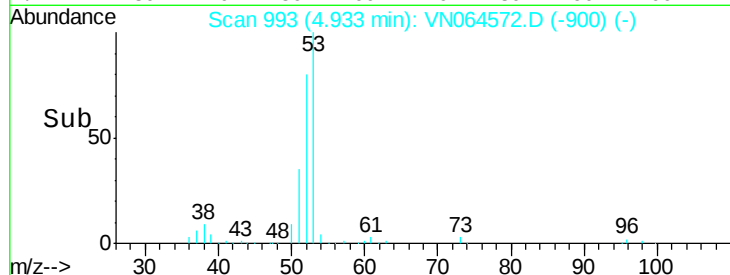
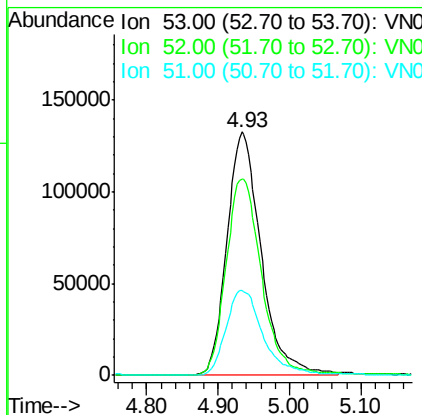
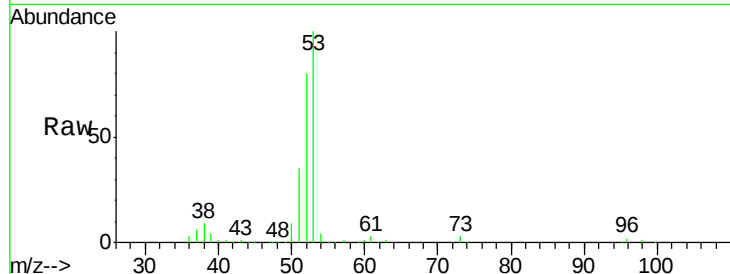
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	443314
Ion	Ratio	Lower	Upper
53	100		
52	83.8	65.6	98.4
51	37.9	29.9	44.9

Manual Integrations
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#16

Acetone

Concen: 312.218 ug/l

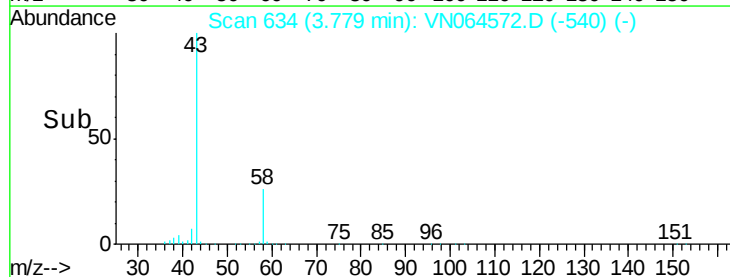
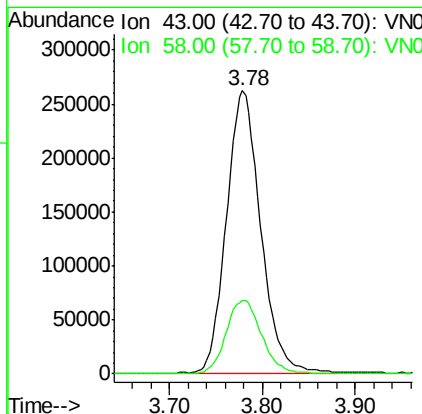
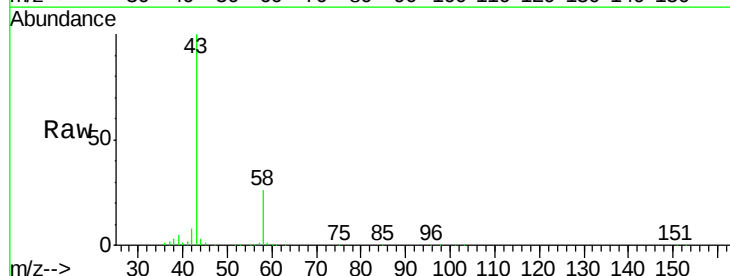
RT: 3.78 min Scan# 634

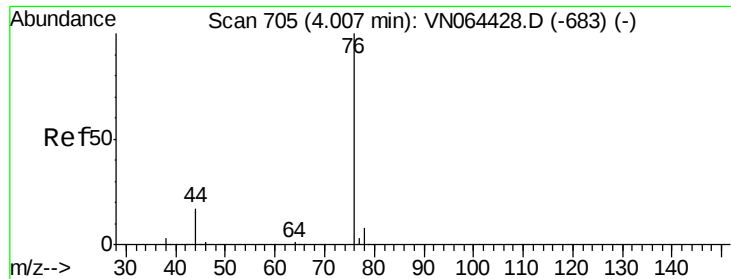
Delta R.T. 0.00 min

Lab File: VN064572.D

Acq: 12 Nov 2020 9:47

Tgt Ion:	43	Resp:	665403
Ion	Ratio	Lower	Upper
43	100		
58	25.8	21.4	32.0





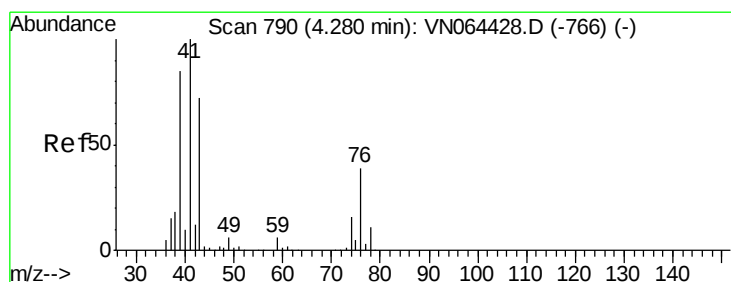
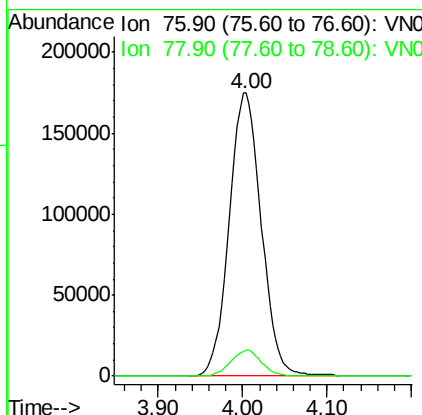
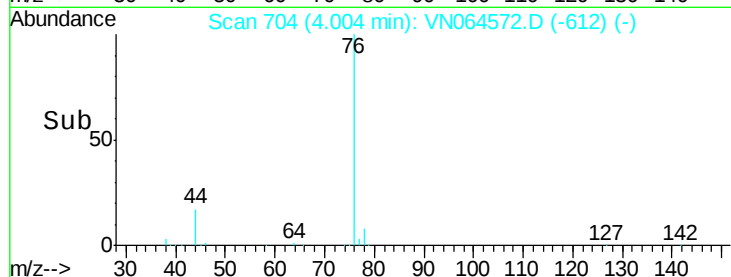
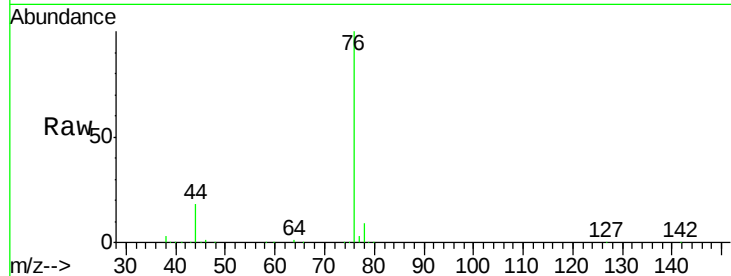
#17
Carbon Disulfide
Concen: 45.095 ug/l
RT: 4.00 min Scan# 704
Delta R.T. -0.00 min
Lab File: VN064572.D
Acq: 12 Nov 2020 9:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 76 Resp: 463261
Ion Ratio Lower Upper
76 100
78 9.3 6.8 10.2

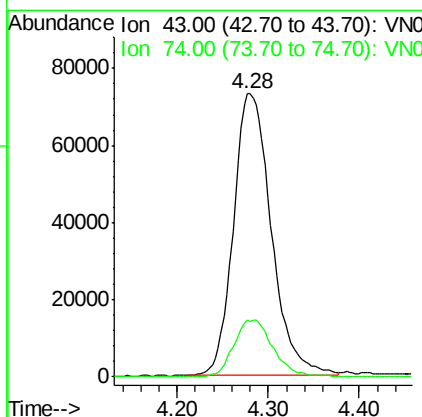
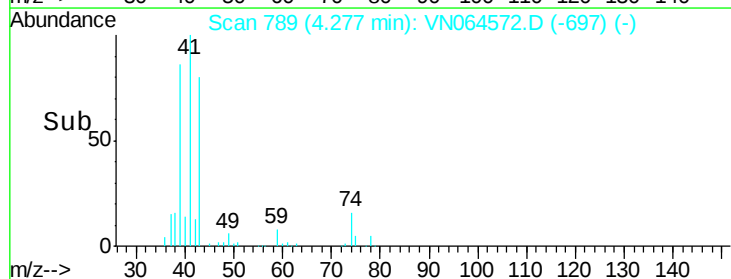
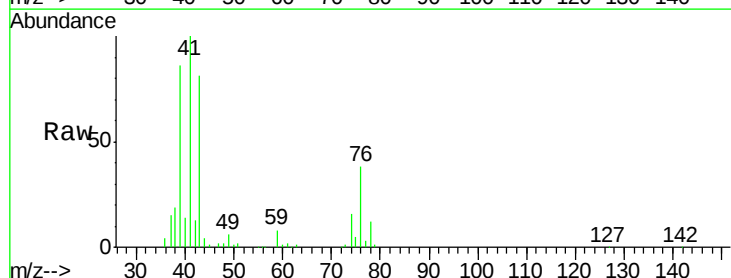
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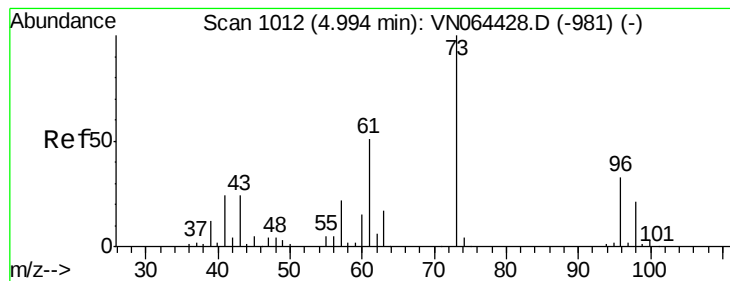
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#18
Methyl Acetate
Concen: 50.387 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN064572.D
Acq: 12 Nov 2020 9:47

Tgt Ion: 43 Resp: 211116
Ion Ratio Lower Upper
43 100
74 21.0 17.0 25.4





#19

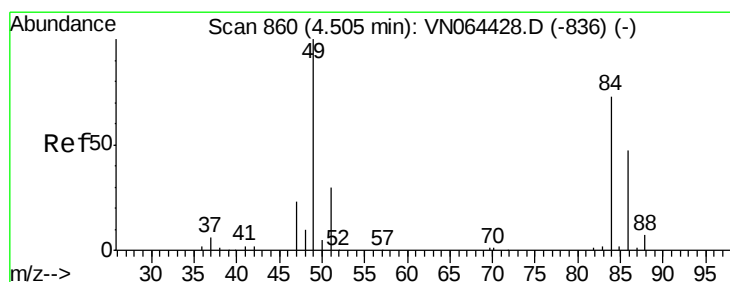
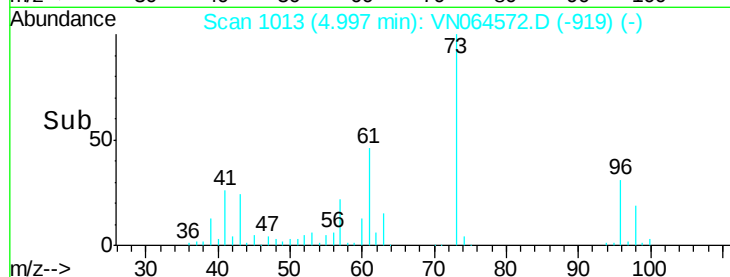
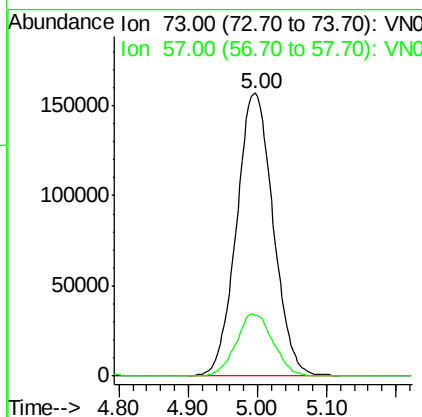
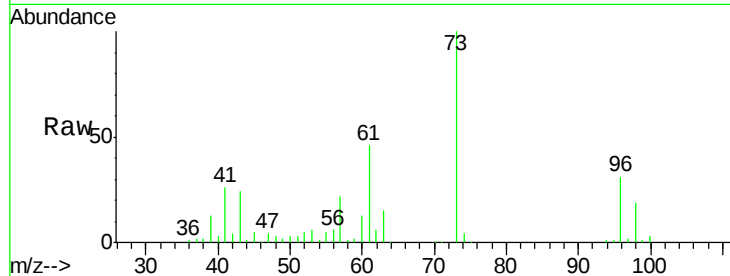
Methyl tert-butyl Ether
 Concen: 46.720 ug/l
 RT: 5.00 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VN064572.D
 Acq: 12 Nov 2020 9:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 73 Resp: 577630
 Ion Ratio Lower Upper
 73 100
 57 21.6 17.7 26.5

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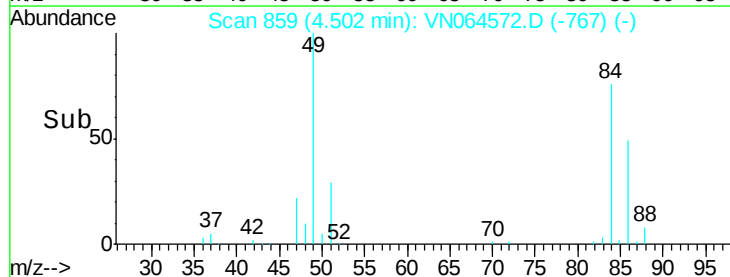
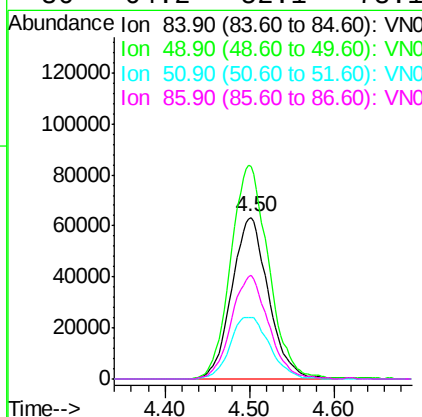
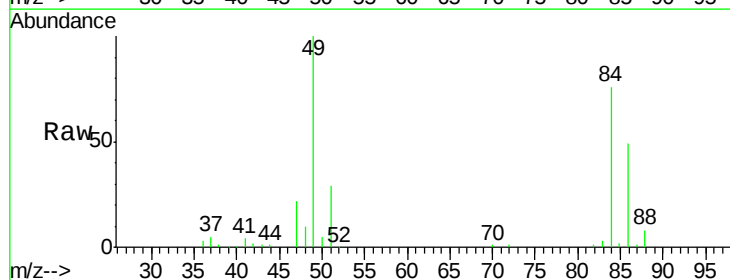
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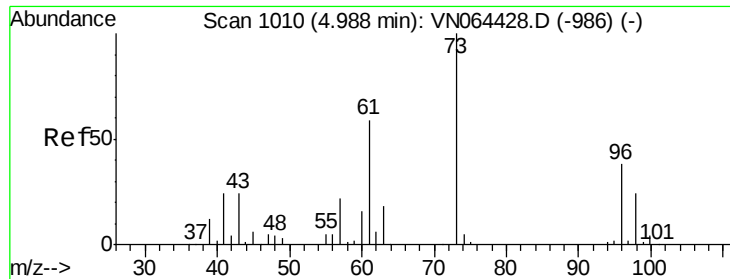


#20

Methylene Chloride
 Concen: 45.334 ug/l
 RT: 4.50 min Scan# 859
 Delta R.T. -0.00 min
 Lab File: VN064572.D
 Acq: 12 Nov 2020 9:47

Tgt Ion: 84 Resp: 191694
 Ion Ratio Lower Upper
 84 100
 49 131.5 110.1 165.1
 51 38.2 33.6 50.4
 86 64.2 52.1 78.1





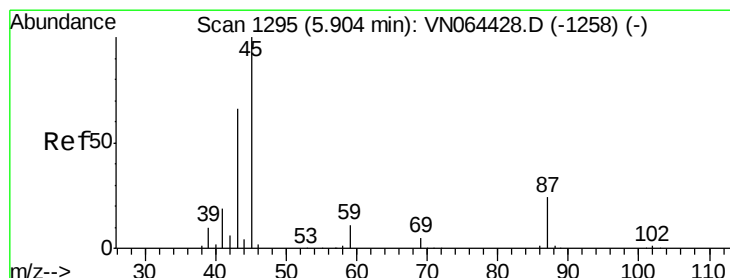
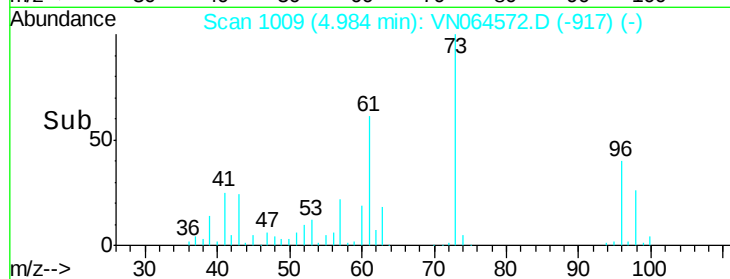
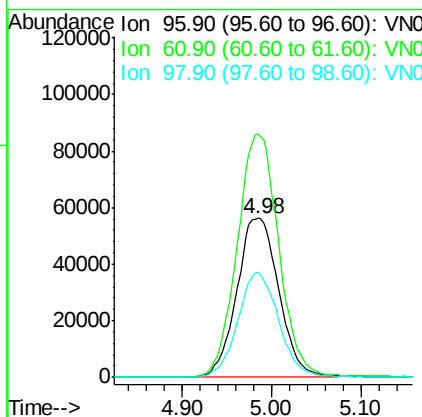
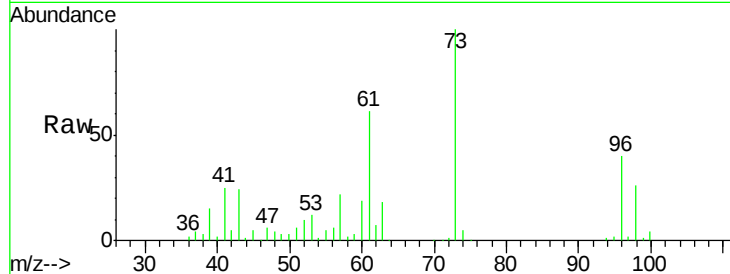
#21
trans-1,2-Dichloroethene
Concen: 47.052 ug/l
RT: 4.98 min Scan# 1009
Delta R.T. -0.00 min
Lab File: VN064572.D
Acq: 12 Nov 2020 9:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	96	Resp	183522
Ion Ratio	Lower	Upper	
96	100		
61	153.2	122.4	183.6
98	66.2	50.4	75.6

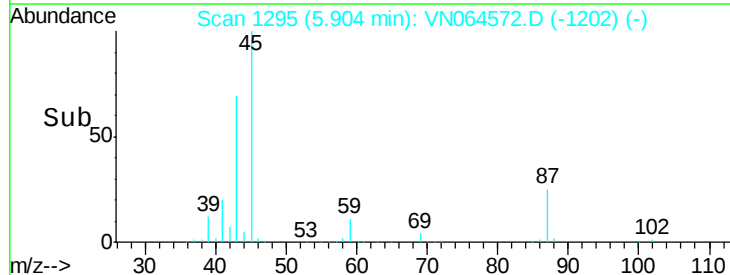
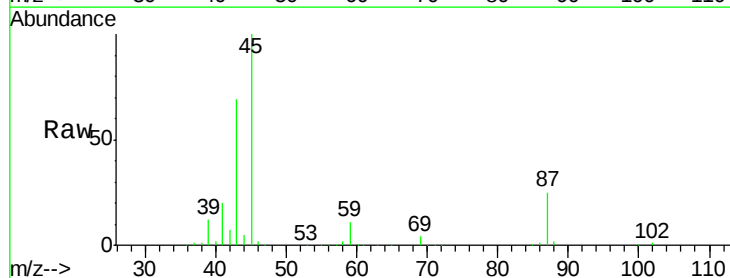
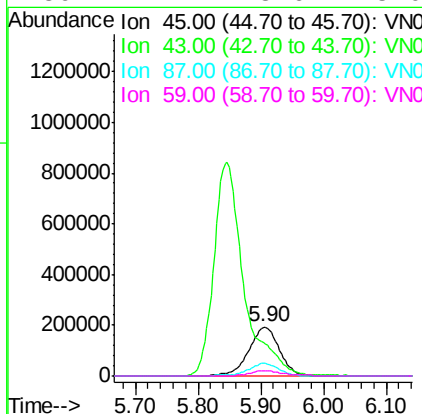
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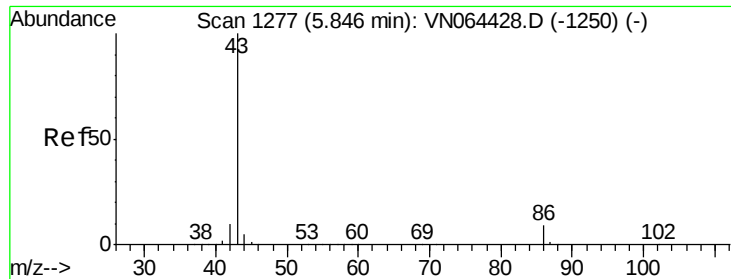
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#22
Diisopropyl ether
Concen: 46.079 ug/l
RT: 5.90 min Scan# 1295
Delta R.T. -0.00 min
Lab File: VN064572.D
Acq: 12 Nov 2020 9:47

Tgt Ion	45	Resp	657304
Ion Ratio	Lower	Upper	
45	100		
43	67.7	53.2	79.8
87	25.3	19.9	29.9
59	11.2	8.6	13.0





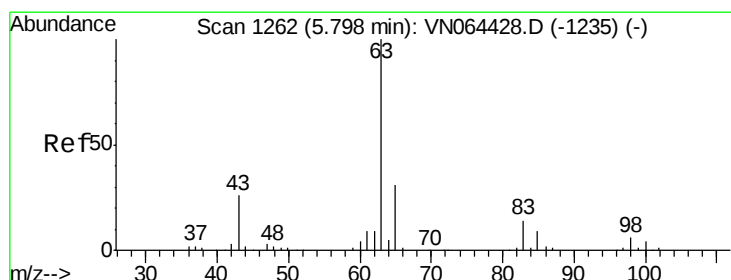
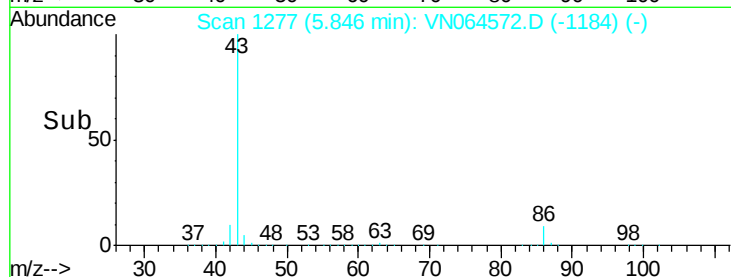
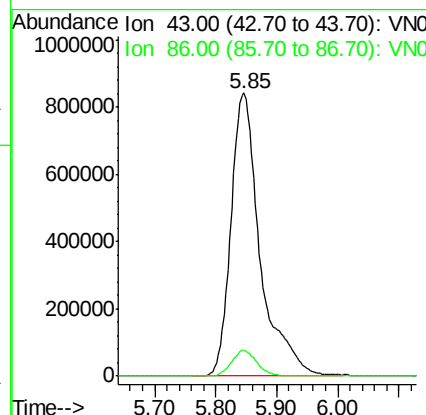
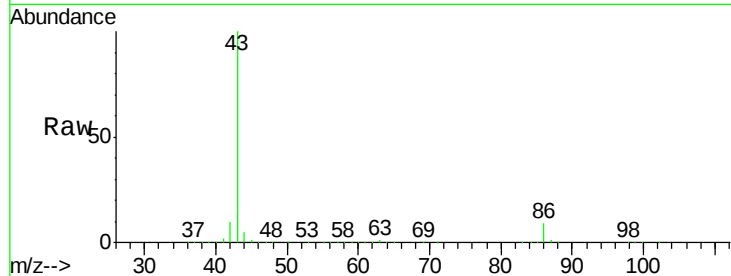
#23
 Vinyl Acetate
 Concen: 241.557 ug/l
 RT: 5.85 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: VN064572.D
 Acq: 12 Nov 2020 9:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 2803130
 Ion Ratio Lower Upper
 43 100
 86 9.2 6.8 10.2

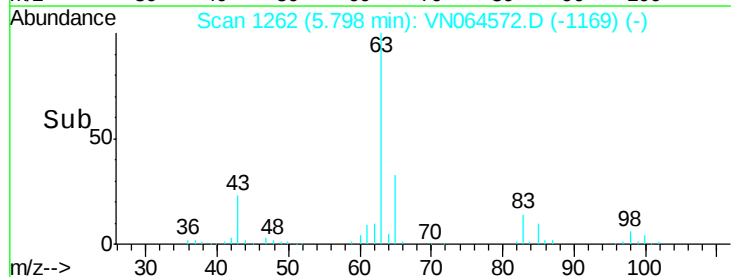
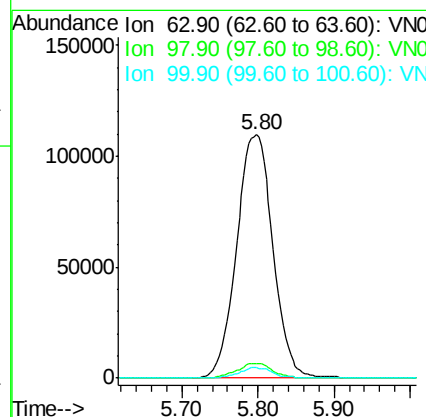
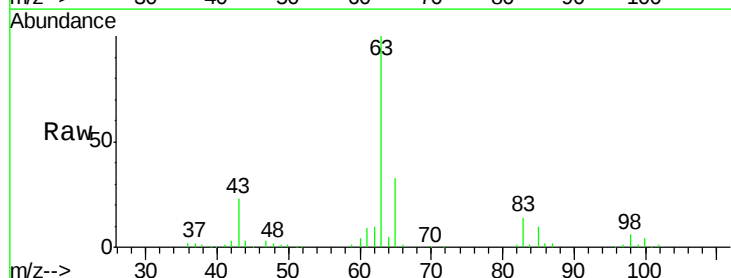
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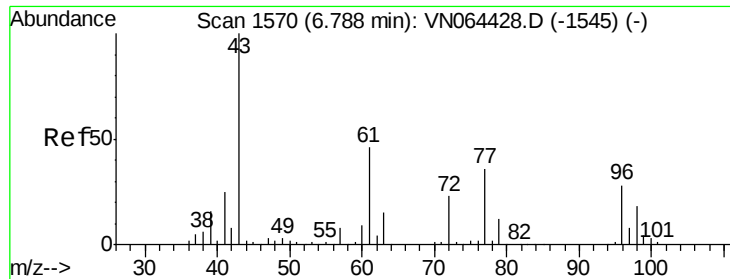
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#24
 1,1-Dichloroethane
 Concen: 46.373 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. -0.00 min
 Lab File: VN064572.D
 Acq: 12 Nov 2020 9:47

Tgt Ion: 63 Resp: 363501
 Ion Ratio Lower Upper
 63 100
 98 5.8 3.0 9.2
 100 4.2 1.8 5.3





#25

2-Butanone

Concen: 289.341 ug/l

RT: 6.79 min Scan# 1571

Delta R.T. 0.00 min

Lab File: VN064572.D

Acq: 12 Nov 2020 9:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 785695

Ion Ratio Lower Upper

43 100

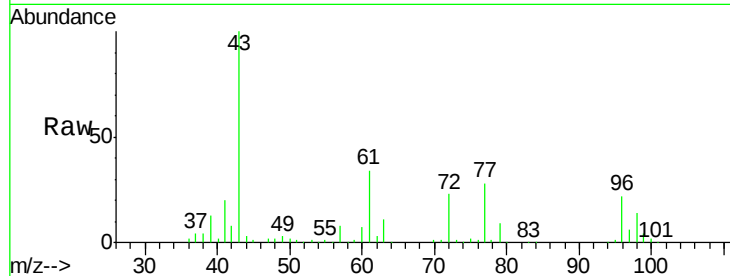
72 23.2 18.5 27.7

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

6.79

300000

250000

200000

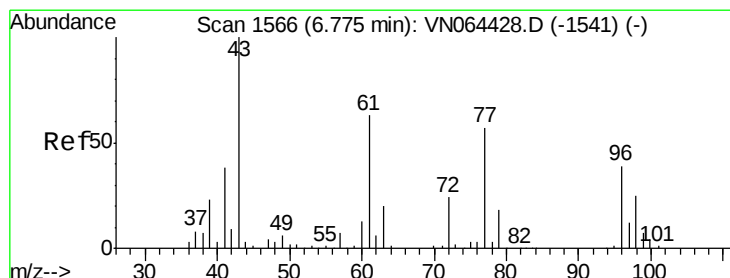
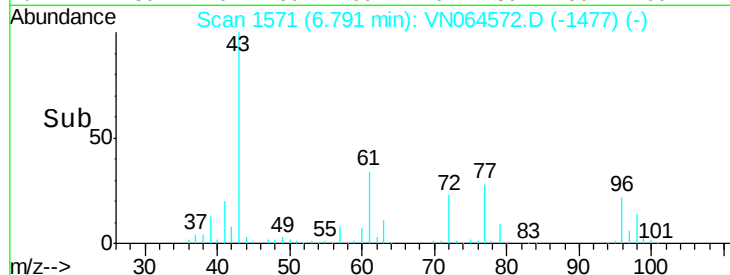
150000

100000

50000

0

Time--> 6.65 6.70 6.75 6.80 6.85



#26

2,2-Dichloropropane

Concen: 47.786 ug/l

RT: 6.77 min Scan# 1565

Delta R.T. -0.00 min

Lab File: VN064572.D

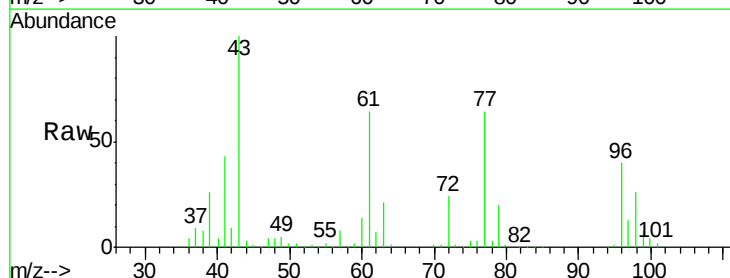
Acq: 12 Nov 2020 9:47

Tgt Ion: 77 Resp: 339082

Ion Ratio Lower Upper

77 100

97 20.6 10.2 30.6



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0

6.77

120000

100000

80000

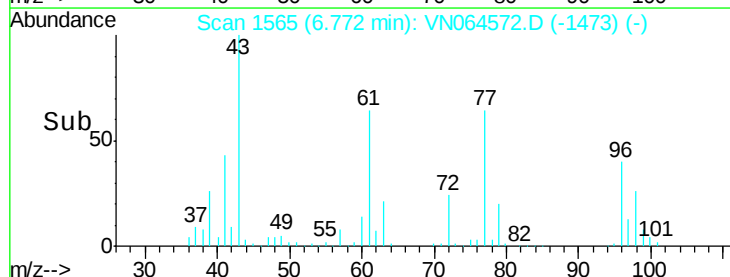
60000

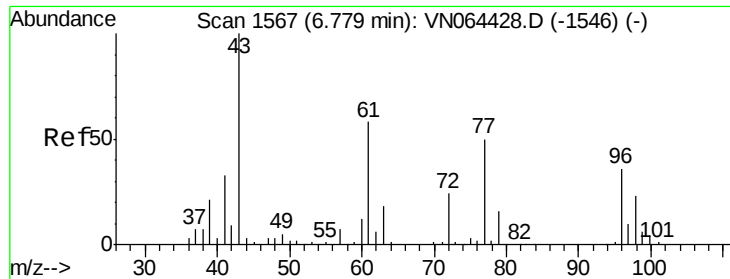
40000

20000

0

Time--> 6.60 6.70 6.80 6.90





#27

cis-1,2-Dichloroethene

Concen: 46.109 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN064572.D

Acq: 12 Nov 2020 9:47

Instrument :

MSVOA_N

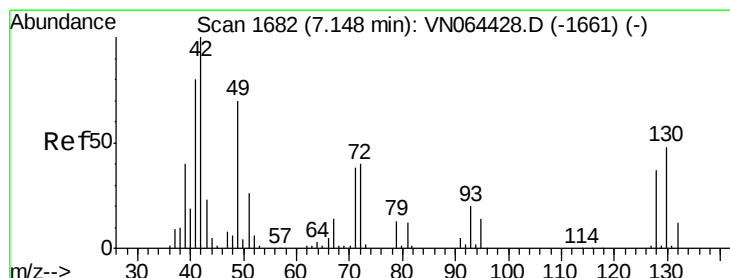
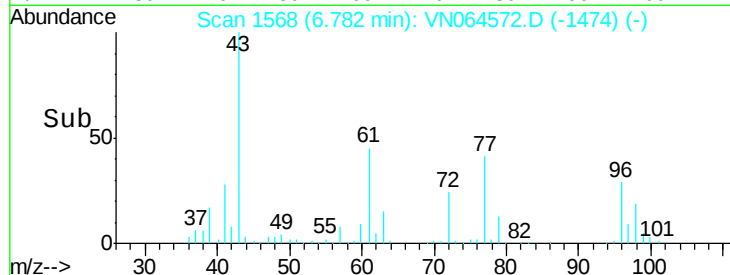
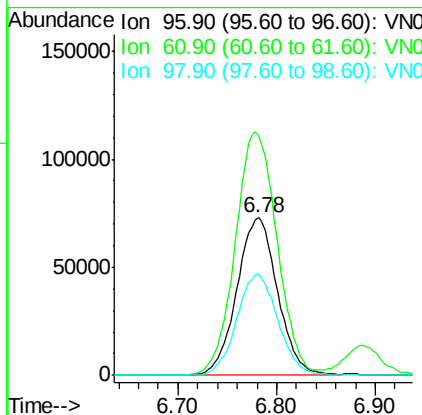
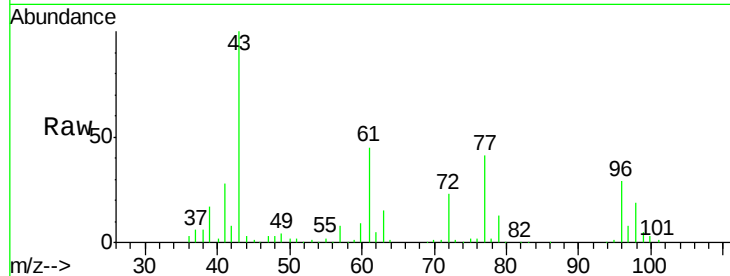
ClientSampleId :

VSTDCCC050

Tot Ion	96	Resp	208398
Ion Ratio	Lower	Upper	
96	100		
61	158.8	0.0	329.6
98	65.0	0.0	131.2

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#28

Bromochloromethane

Concen: 47.053 ug/l

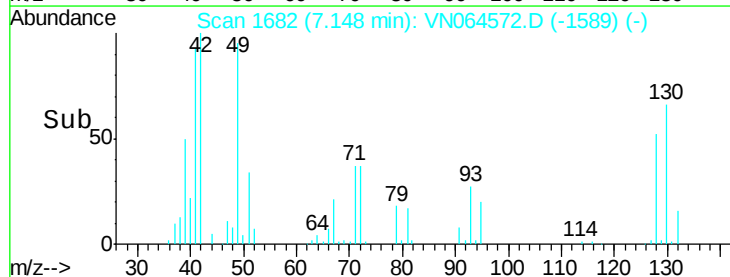
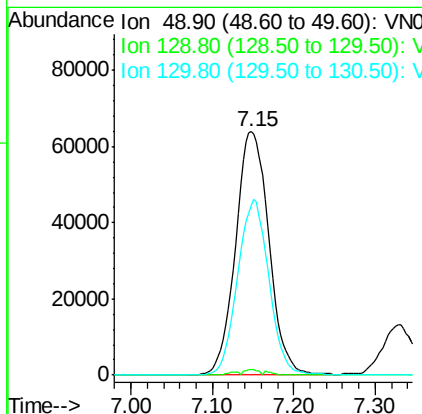
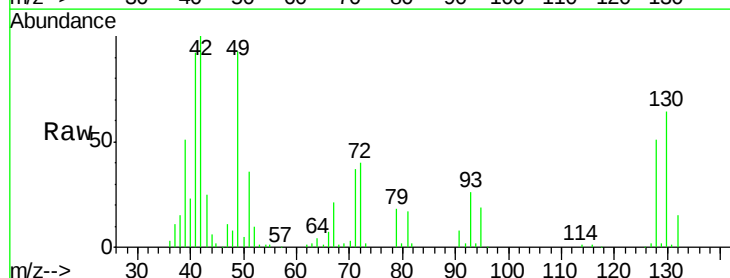
RT: 7.15 min Scan# 1682

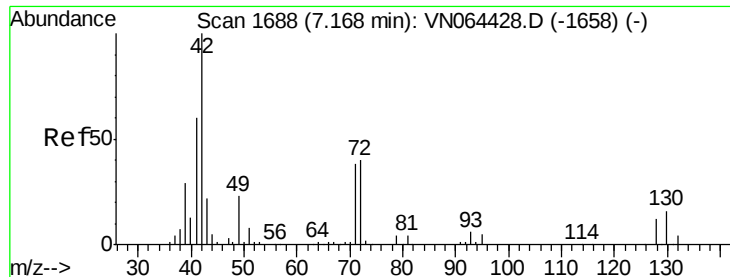
Delta R.T. -0.00 min

Lab File: VN064572.D

Acq: 12 Nov 2020 9:47

Tgt Ion	49	Resp	181292
Ion Ratio	Lower	Upper	
49	100		
129	0.9	0.0	3.6
130	67.5	54.2	81.4





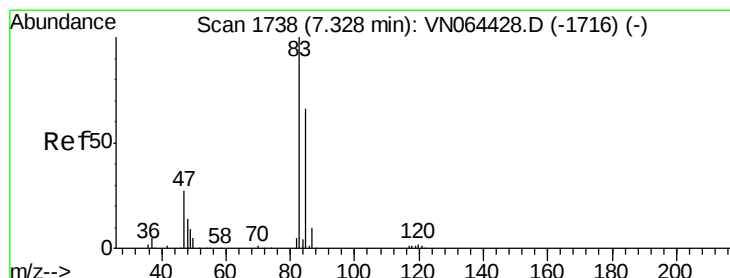
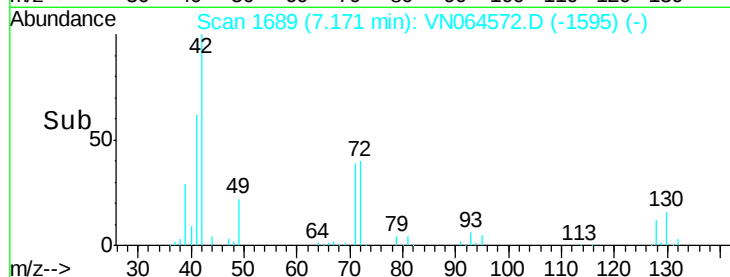
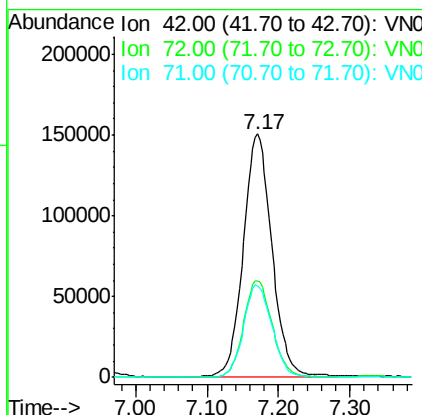
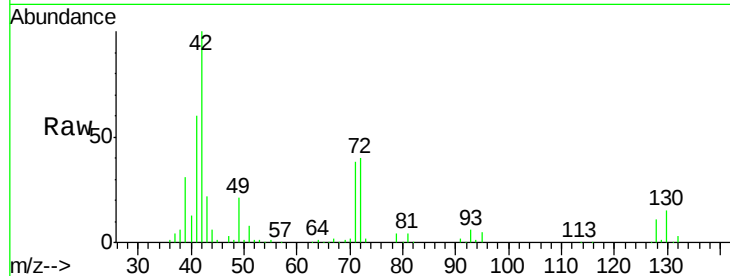
#29
Tetrahydrofuran
Concen: 251.847 ug/l
RT: 7.17 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VN064572.D
Acq: 12 Nov 2020 9:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.6	31.7	47.5
71	37.9	29.8	44.6

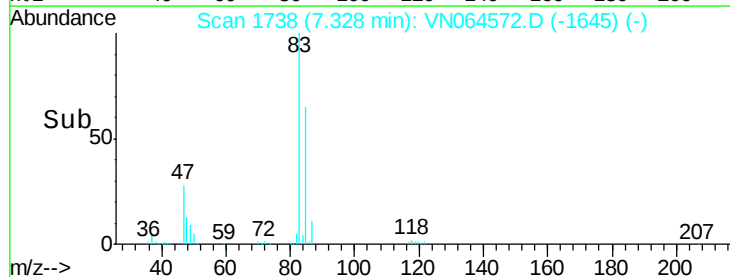
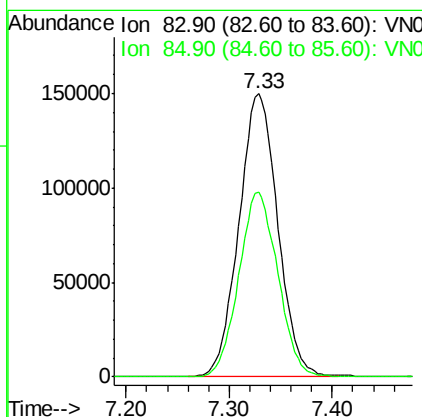
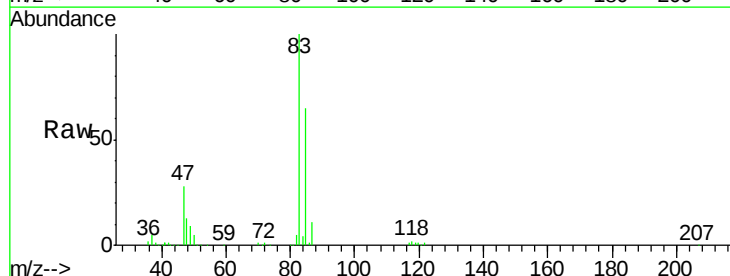
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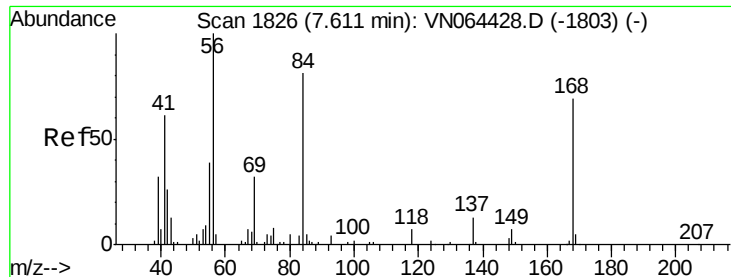
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11/13/2020 11:42:09 AM



#30
Chloroform
Concen: 47.618 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VN064572.D
Acq: 12 Nov 2020 9:47

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.4	52.5	78.7





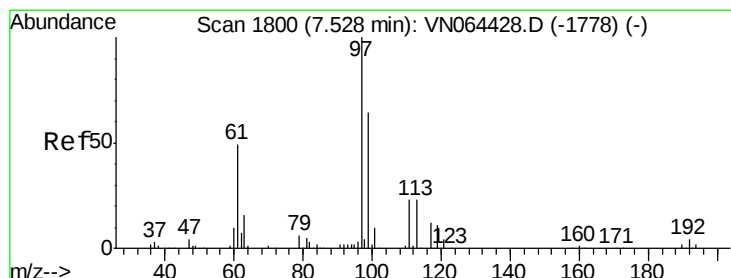
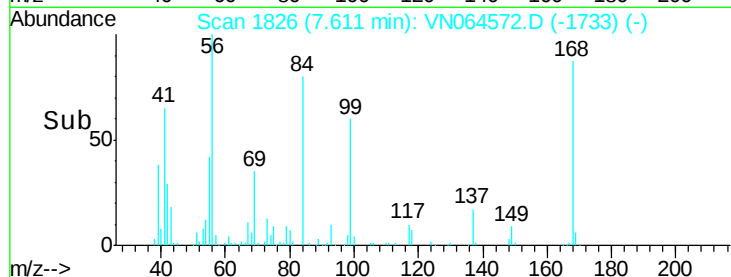
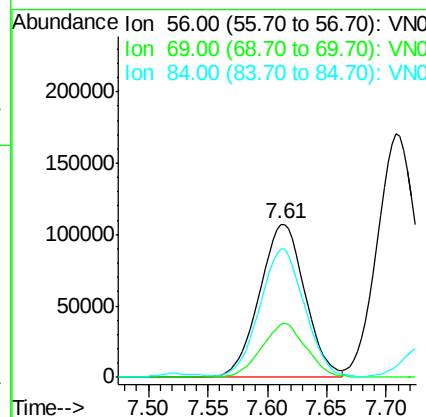
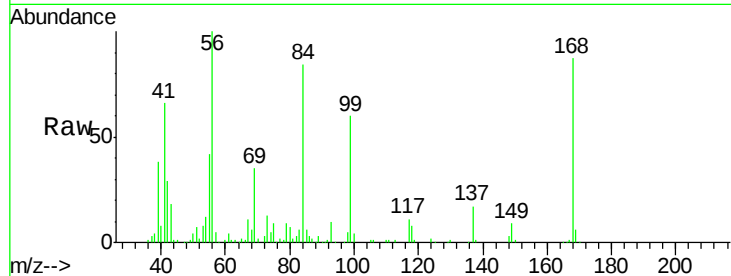
#31
Cyclohexane
Concen: 41.834 ug/l
RT: 7.61 min Scan# 1826
Delta R.T. -0.00 min
Lab File: VN064572.D
Acq: 12 Nov 2020 9:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.6	25.6	38.4
84	81.9	63.0	94.6

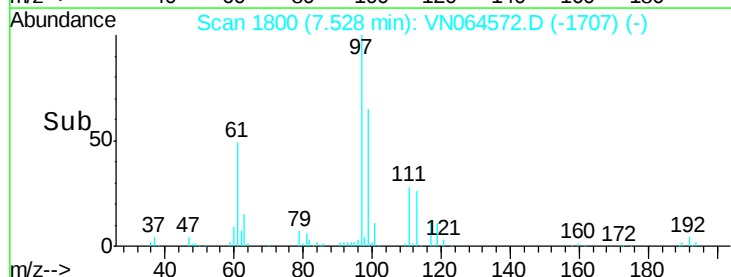
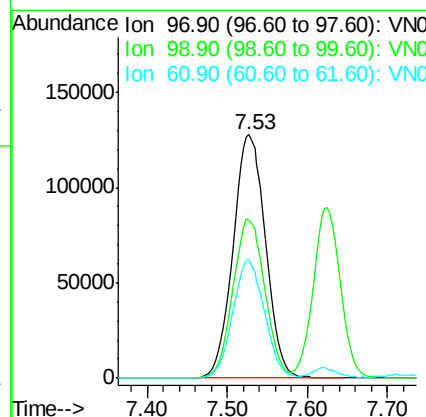
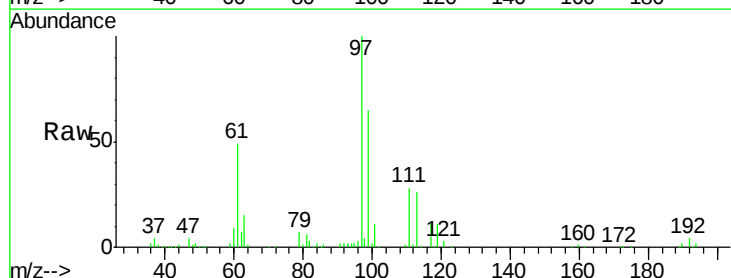
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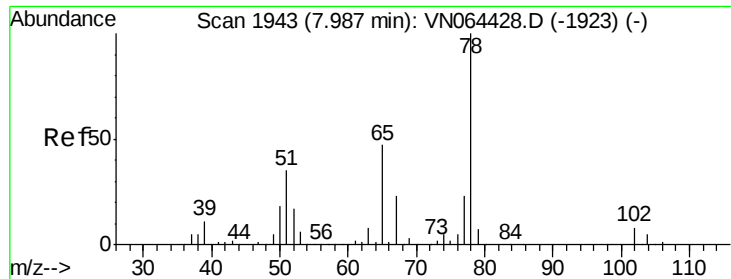
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#32
1,1,1-Trichloroethane
Concen: 48.041 ug/l
RT: 7.53 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VN064572.D
Acq: 12 Nov 2020 9:47

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.3	76.9
61	47.4	39.1	58.7





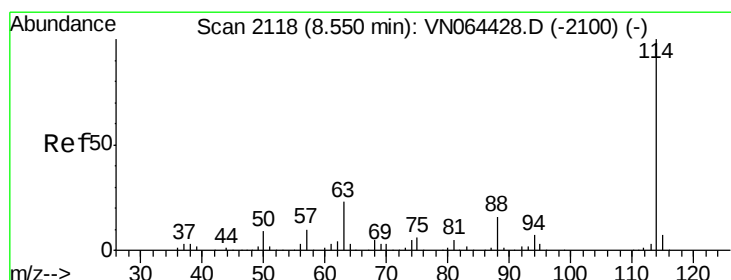
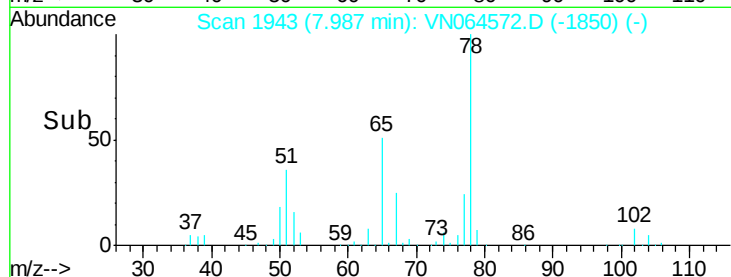
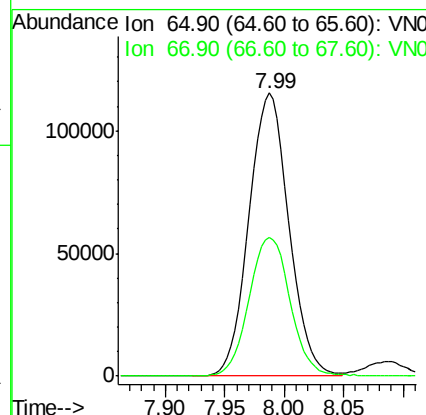
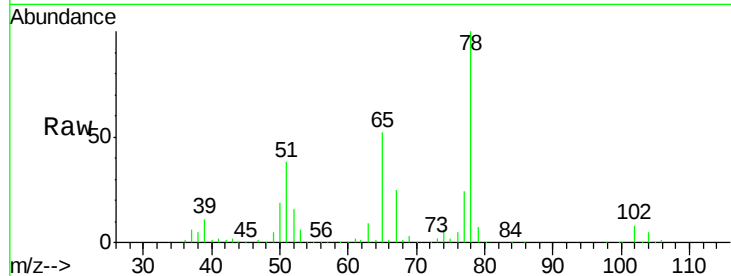
#33
 1,2-Dichloroethane-d4
 Concen: 48.029 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN064572.D
 Acq: 12 Nov 2020 9:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	268716		
67	50.6	0.0	101.6	

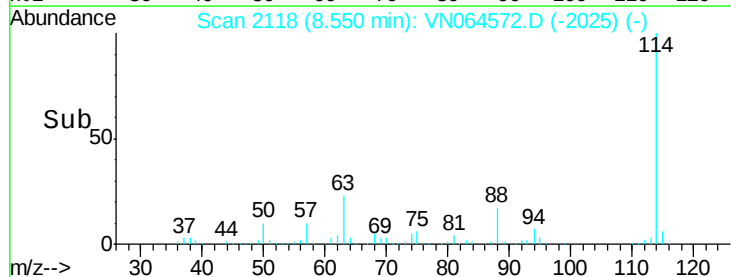
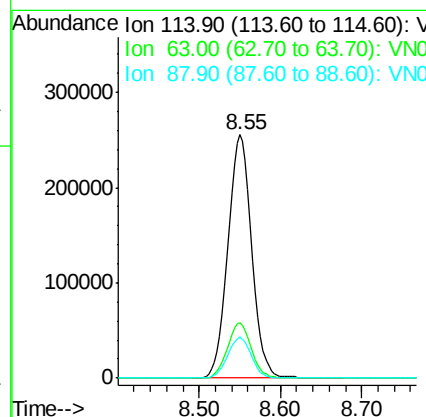
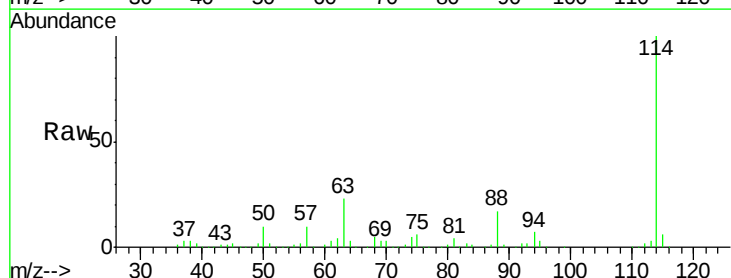
Manual Integrations
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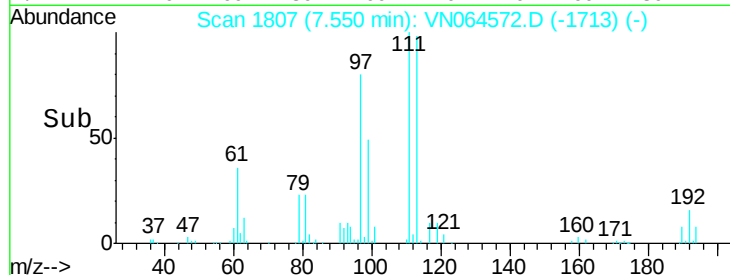
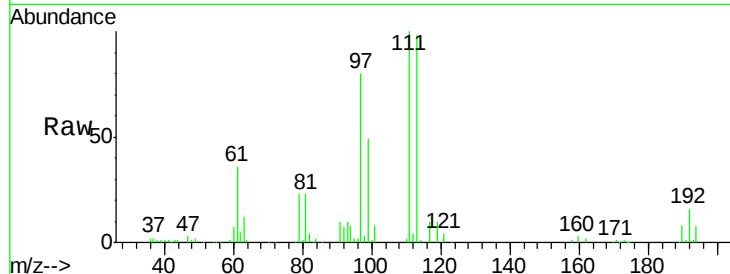
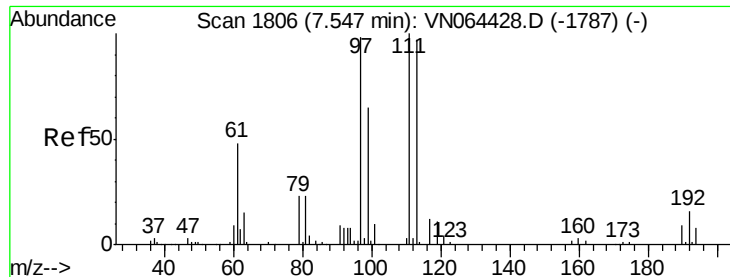
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN064572.D
 Acq: 12 Nov 2020 9:47

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	528201		
63	22.6	0.0	45.6	
88	16.7	0.0	32.8	





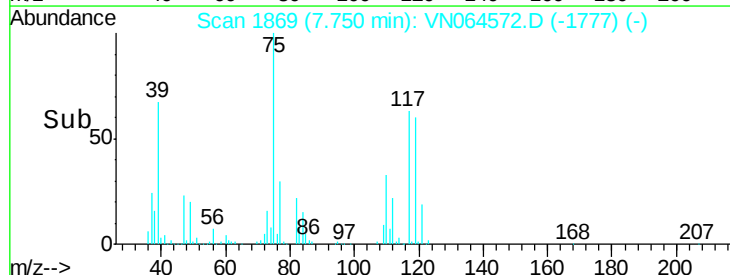
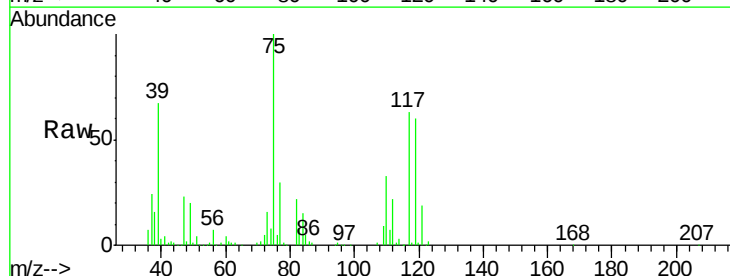
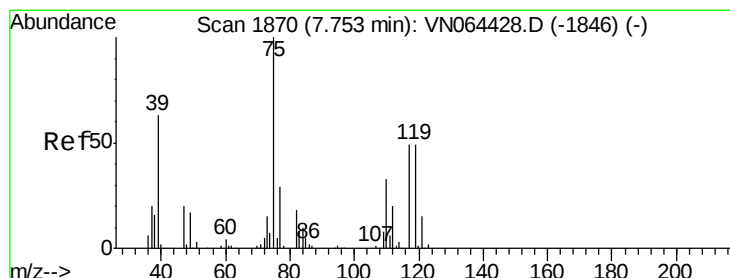
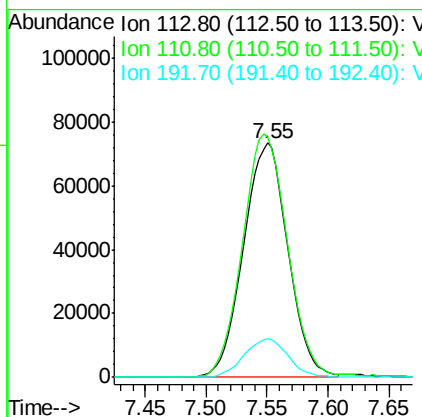
#35
Dibromofluoromethane
Concen: 51.449 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN064572.D
Acq: 12 Nov 2020 9:47

Tot Ion	Ratio	Resp	Lower	Upper
113	100	185026		
111	105.4	81.1	121.7	
192	16.3	12.8	19.2	

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

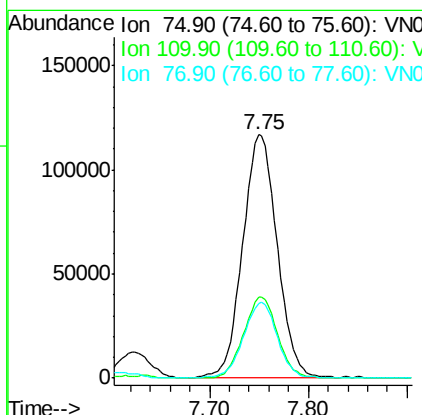
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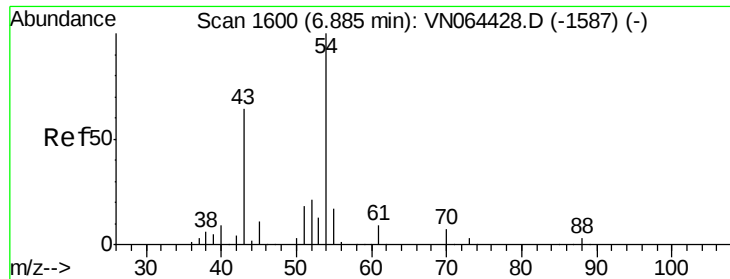
MMDadoda
11/13/2020 11:42:09 AM



#36
1,1-Dichloropropene
Concen: 50.355 ug/l
RT: 7.75 min Scan# 1869
Delta R.T. -0.00 min
Lab File: VN064572.D
Acq: 12 Nov 2020 9:47

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	280985		
110	33.0	16.0	48.0	
77	30.8	24.0	36.0	





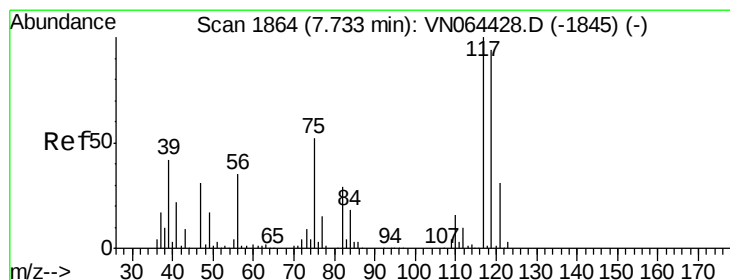
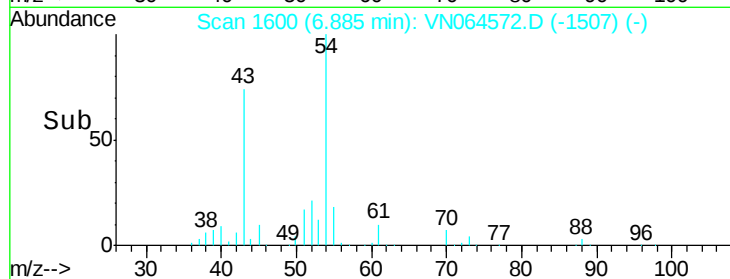
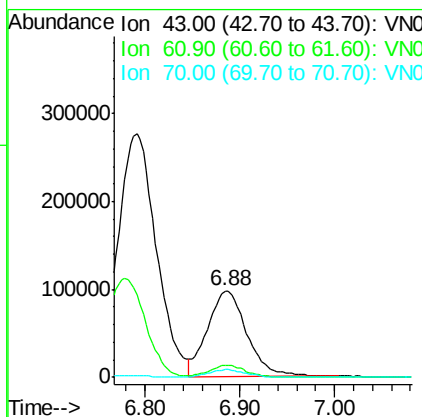
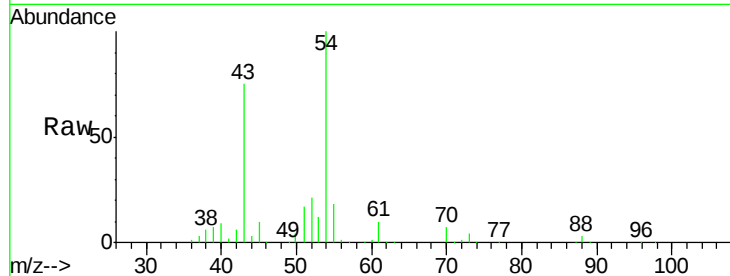
#37
Ethyl Acetate
Concen: 49.951 ug/l
RT: 6.88 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VN064572.D
Acq: 12 Nov 2020 9:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.3	10.0	15.0
70	8.0	7.1	10.7

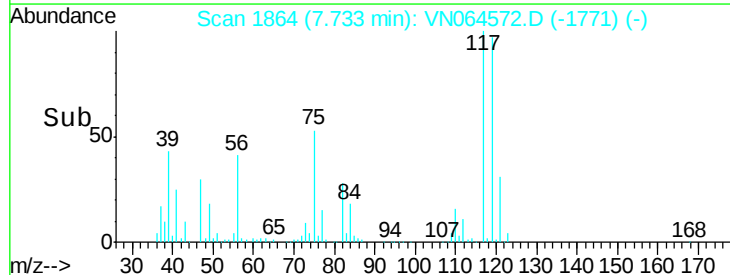
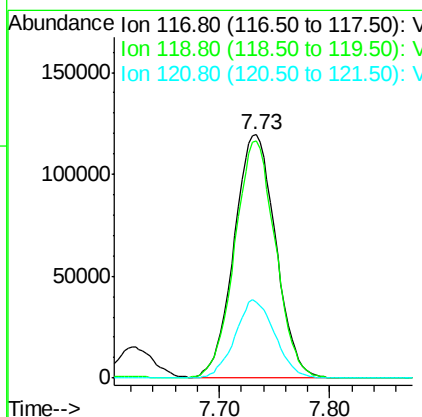
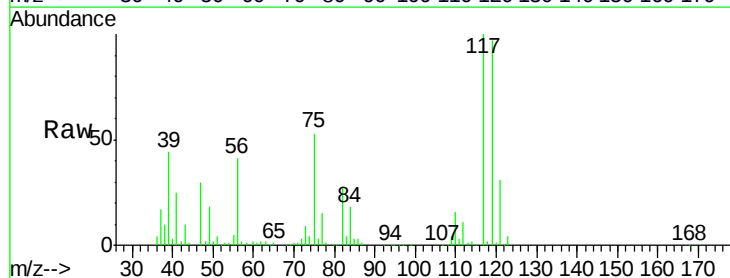
Manual Integrations
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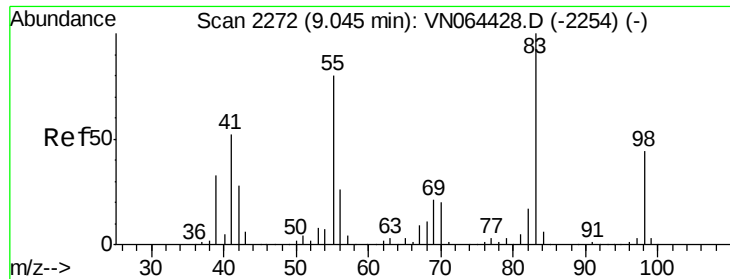
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#38
Carbon Tetrachloride
Concen: 51.996 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN064572.D
Acq: 12 Nov 2020 9:47

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.4	75.5	113.3
121	31.2	24.4	36.6





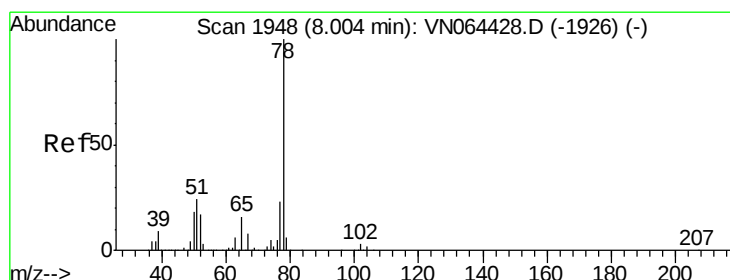
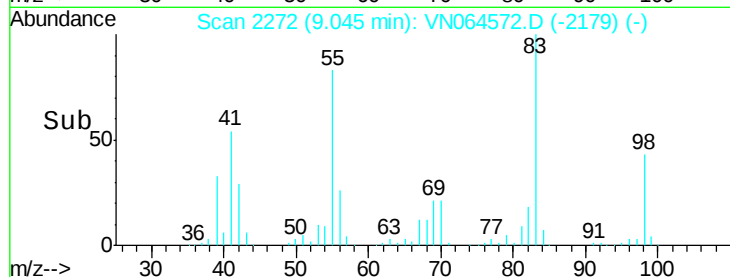
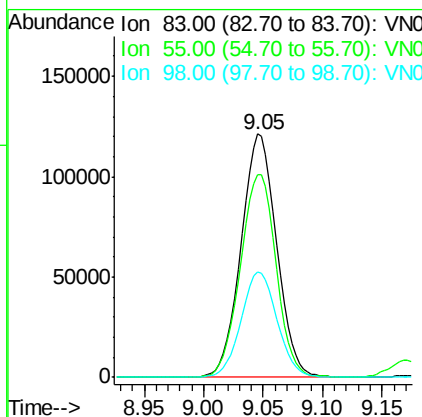
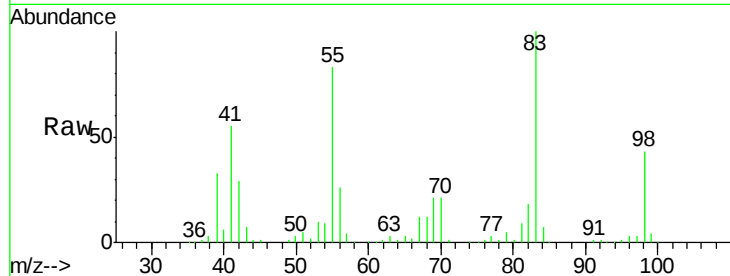
#39
Methvlcvclohexane
Concen: 50.211 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN064572.D
Acq: 12 Nov 2020 9:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	83.2	63.8	95.6
98	43.4	35.4	53.2

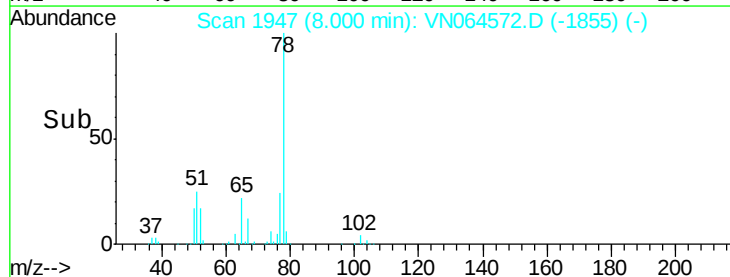
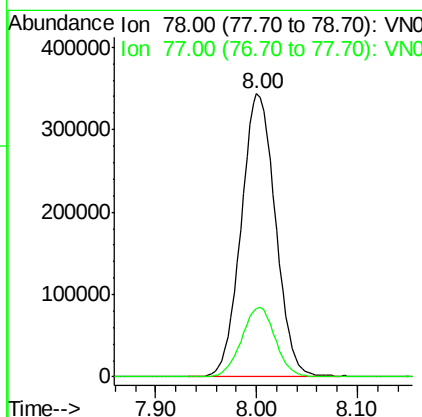
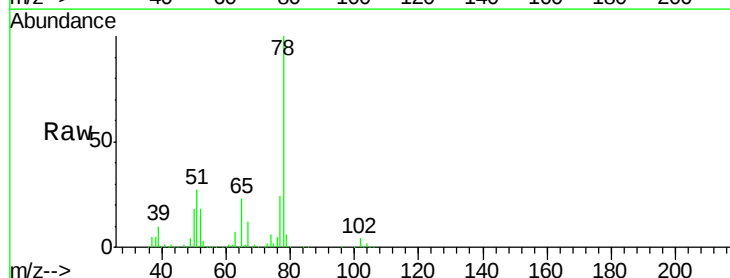
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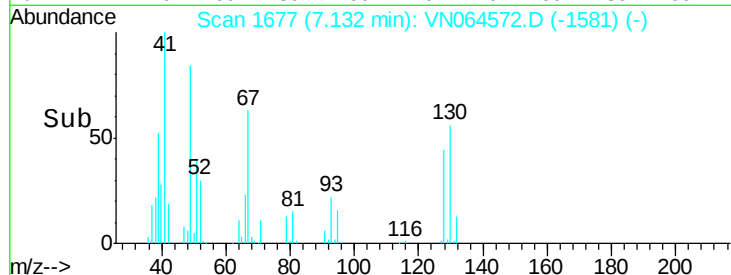
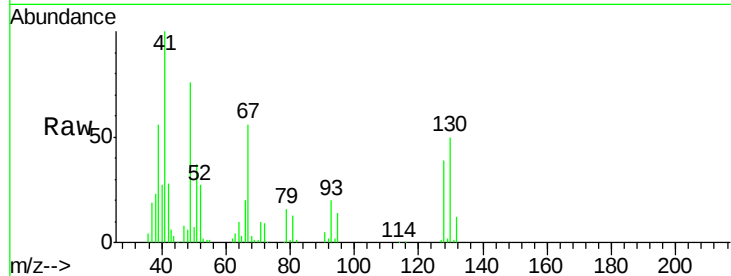
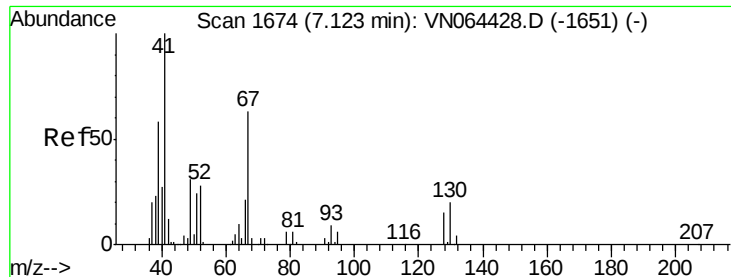
MMDadoda
11/13/2020 11:42:09 AM



#40
Benzene
Concen: 49.324 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN064572.D
Acq: 12 Nov 2020 9:47

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	18.7	28.1





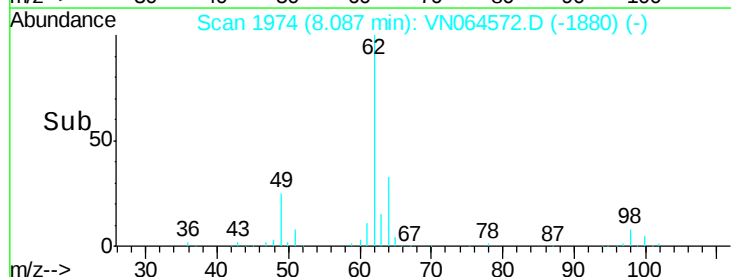
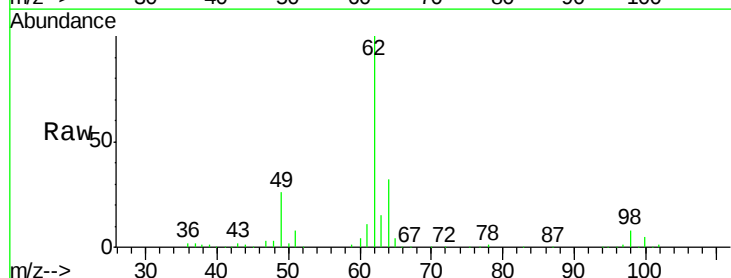
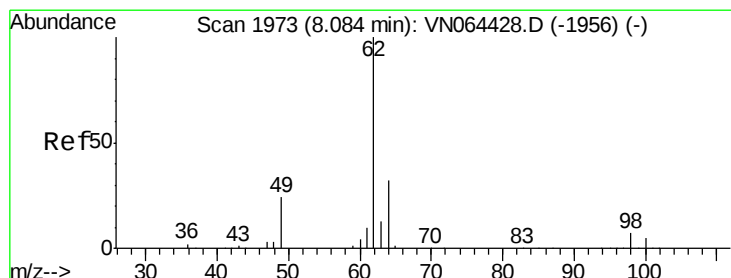
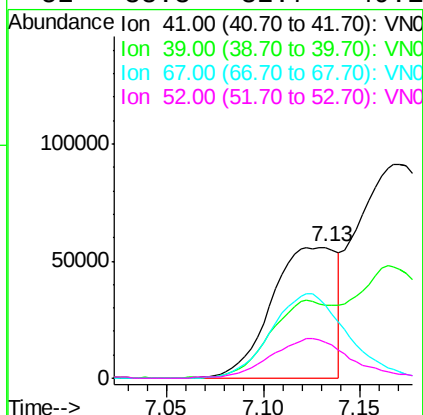
#41
Methacrylonitrile
Concen: 52.806 ug/l
RT: 7.13 min Scan# 1677
Delta R.T. 0.01 min
Lab File: VN064572.D
Acq: 12 Nov 2020 9:47

Tot Ion	Ion	Ratio	Lower	Upper
41	41.00	100		
39	39.00	53.6	50.0	75.0
67	67.00	76.2	68.3	102.5
52	52.00	38.3	32.7	49.1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

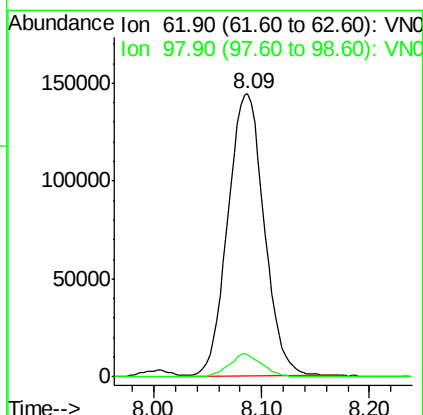
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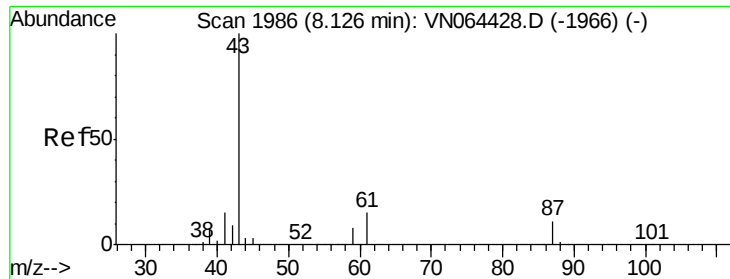
MMDadoda
11/13/2020 11:42:09 AM



#42
1,2-Dichloroethane
Concen: 51.161 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN064572.D
Acq: 12 Nov 2020 9:47

Tgt Ion	Ion	Ratio	Lower	Upper
62	62.00	100		
98	98.00	7.4	0.0	14.0





#43

Isopropyl Acetate

Concen: 50.673 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN064572.D

Acq: 12 Nov 2020 9:47

Instrument :

MSVOA_N

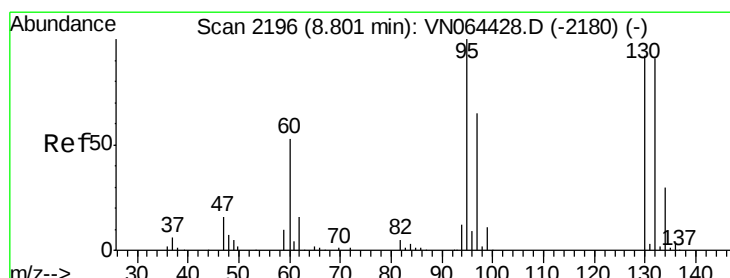
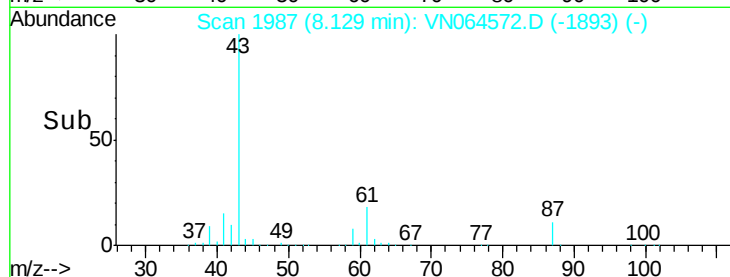
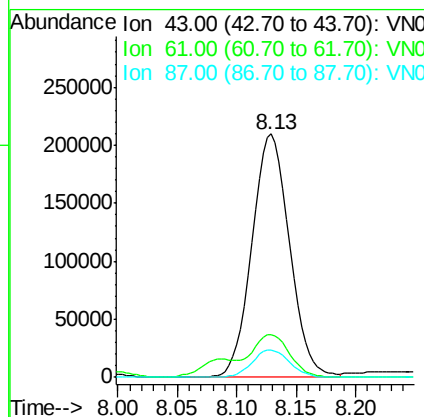
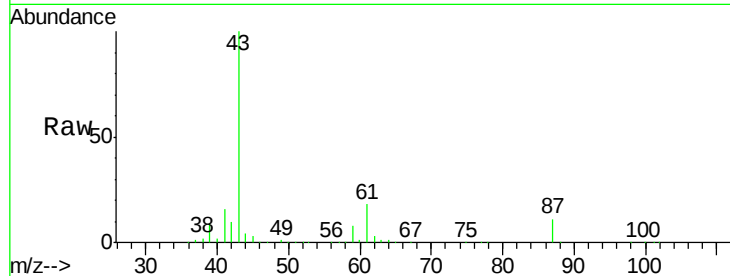
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	458233
Ion	Ratio	Lower	Upper
43	100		
61	17.2	14.0	21.0
87	11.3	9.1	13.7

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#44

Trichloroethene

Concen: 49.335 ug/l

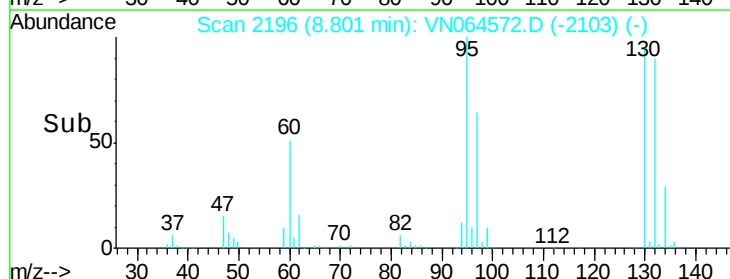
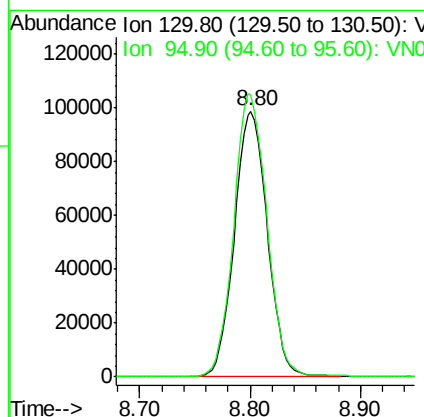
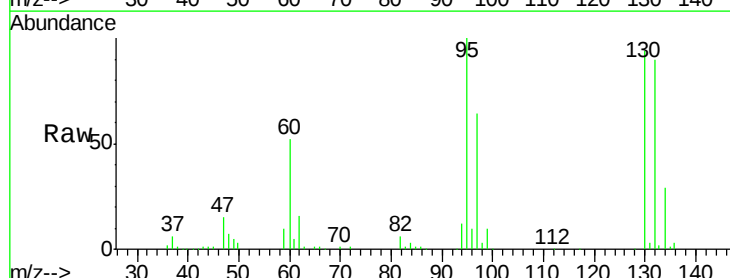
RT: 8.80 min Scan# 2196

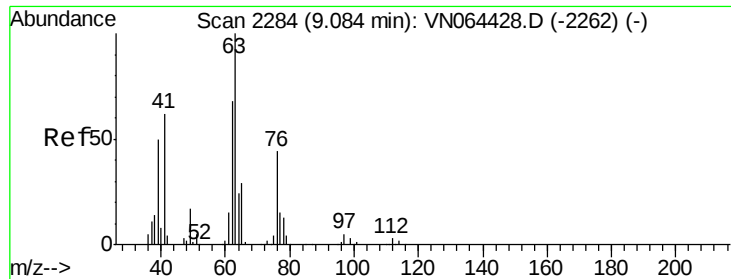
Delta R.T. -0.00 min

Lab File: VN064572.D

Acq: 12 Nov 2020 9:47

Tgt Ion:	130	Resp:	204099
Ion	Ratio	Lower	Upper
130	100		
95	106.0	0.0	216.8





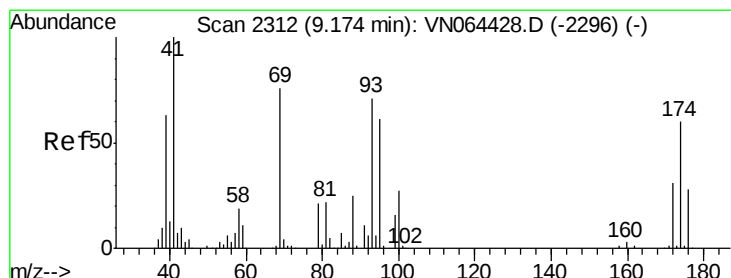
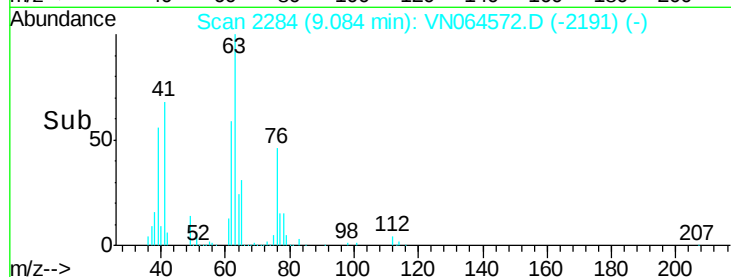
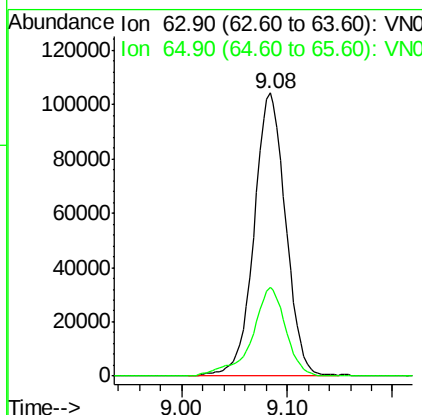
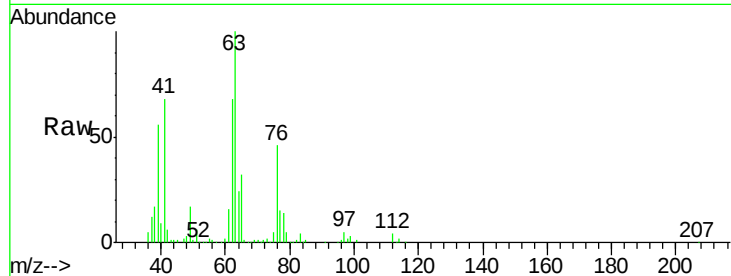
#45
 1,2-Dichloropropane
 Concen: 49.867 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN064572.D
 Acq: 12 Nov 2020 9:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 218173
 Ion Ratio Lower Upper
 63 100
 65 31.6 23.6 35.4

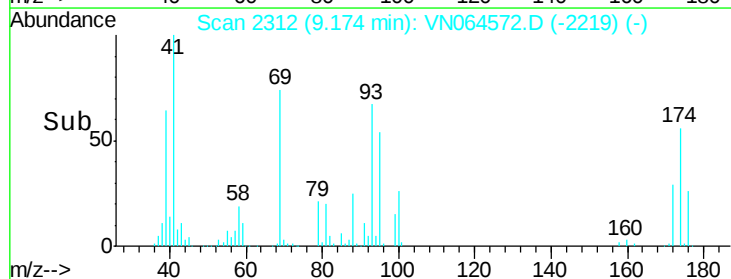
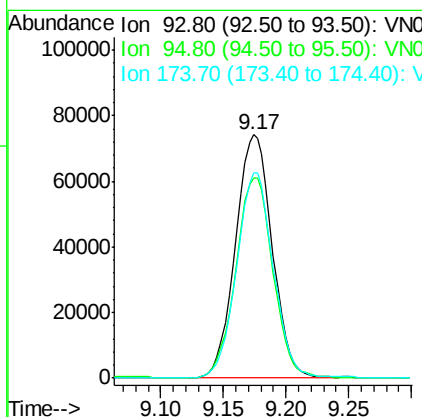
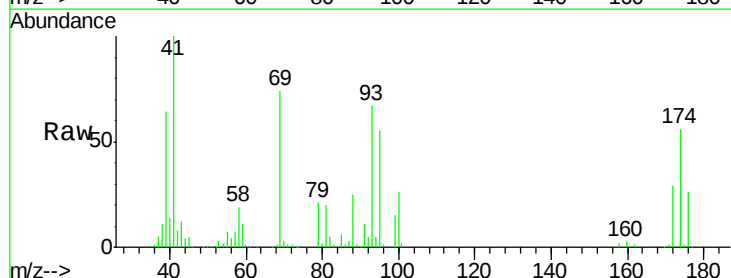
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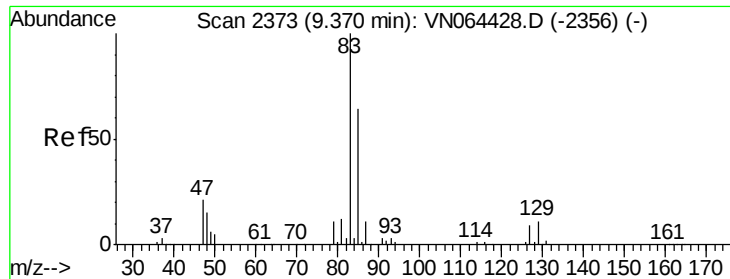
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#46
 Dibromomethane
 Concen: 52.611 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN064572.D
 Acq: 12 Nov 2020 9:47

Tgt Ion: 93 Resp: 151524
 Ion Ratio Lower Upper
 93 100
 95 83.3 66.4 99.6
 174 83.6 67.2 100.8





#47

Bromodichloromethane

Concen: 53.280 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN064572.D

Acq: 12 Nov 2020 9:47

Instrument :

MSVOA_N

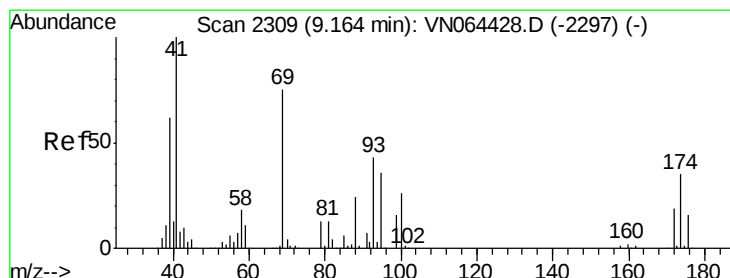
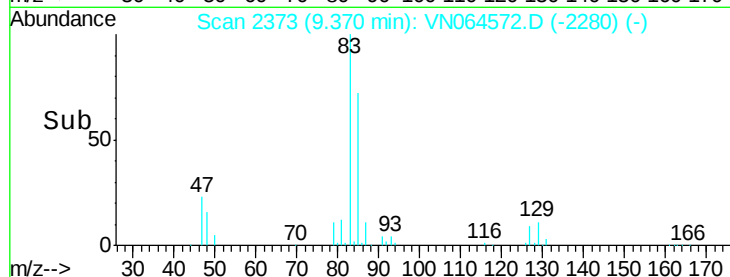
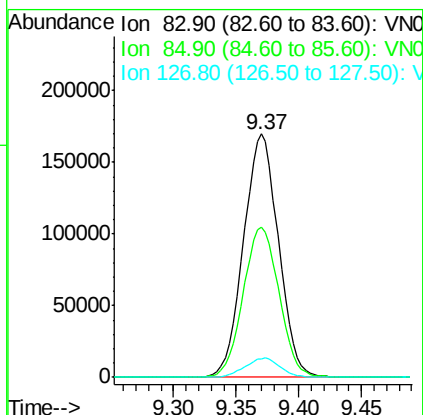
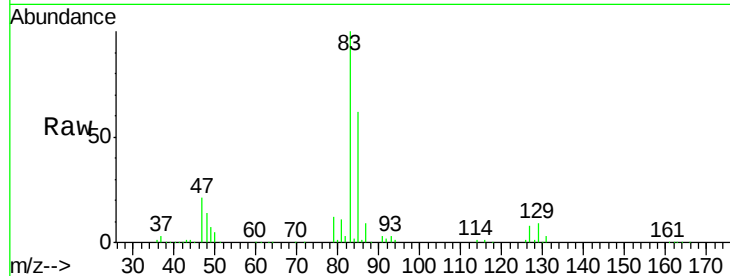
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	329950
Ion Ratio	Lower	Upper	
83	100		
85	61.6	51.2	76.8
127	7.8	6.9	10.3

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#48

Methyl methacrylate

Concen: 53.268 ug/l

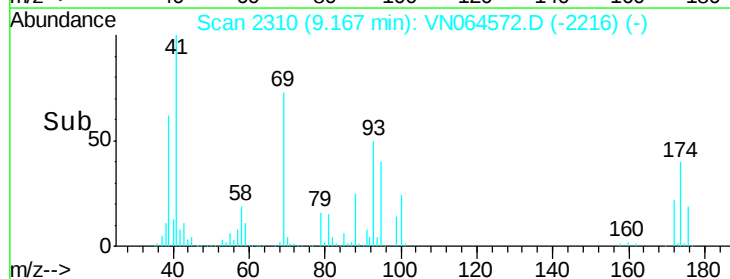
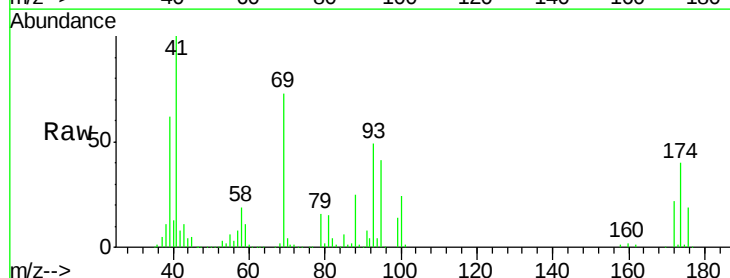
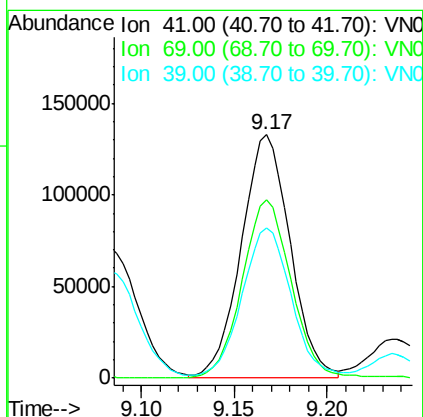
RT: 9.17 min Scan# 2310

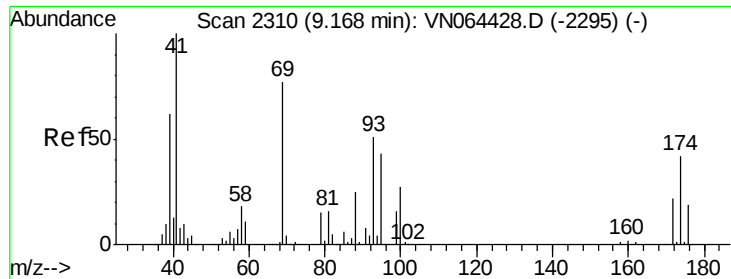
Delta R.T. 0.00 min

Lab File: VN064572.D

Acq: 12 Nov 2020 9:47

Tgt Ion:	41	Resp:	243069
Ion Ratio	Lower	Upper	
41	100		
69	74.0	60.4	90.6
39	62.5	51.2	76.8





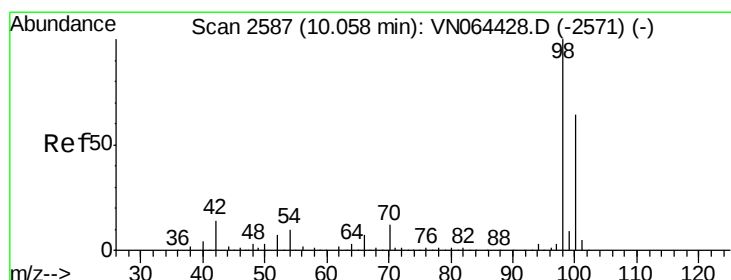
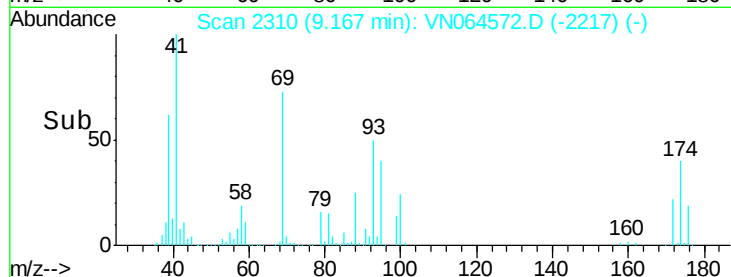
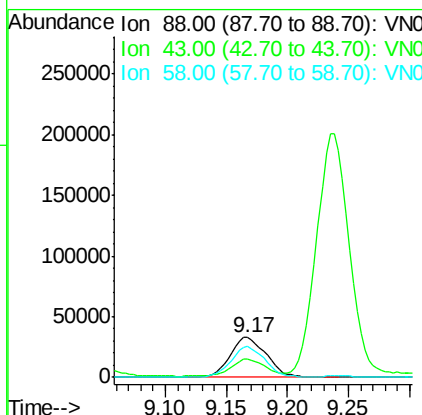
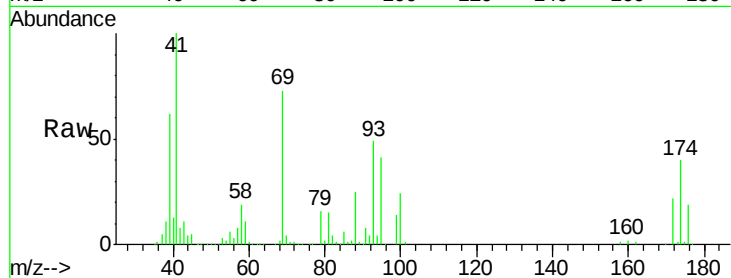
#49
1,4-Dioxane
Concen: 1147.087 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. -0.00 min
Lab File: VN064572.D
Acq: 12 Nov 2020 9:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	39.9	31.0	46.6
58	71.8	58.4	87.6

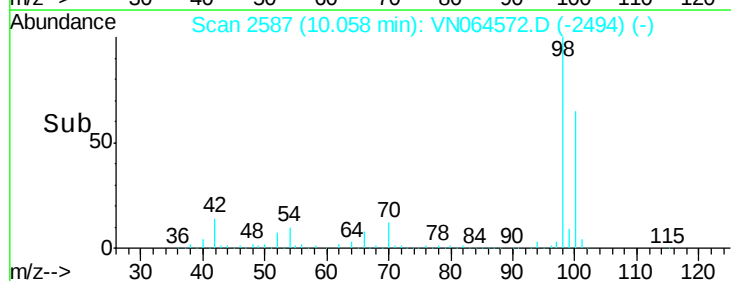
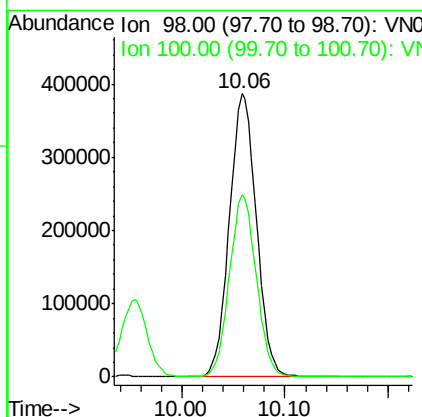
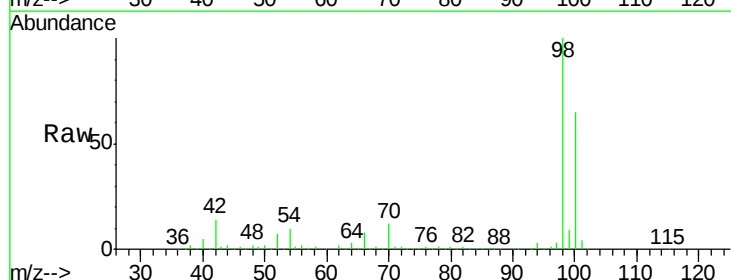
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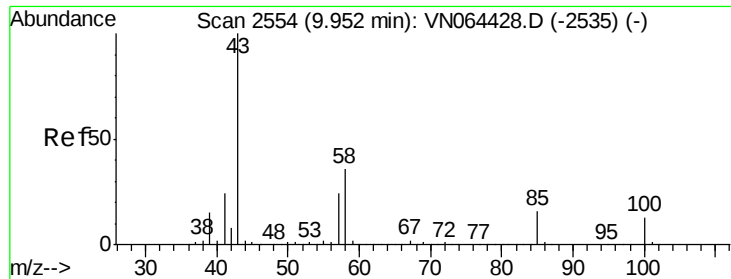
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#50
Toluene-d8
Concen: 50.808 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN064572.D
Acq: 12 Nov 2020 9:47

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.6	50.7	76.1





#51

4-Methyl-2-Pentanone

Concen: 279.504 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN064572.D

Acq: 12 Nov 2020 9:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1473992

Ion Ratio Lower Upper

43 100

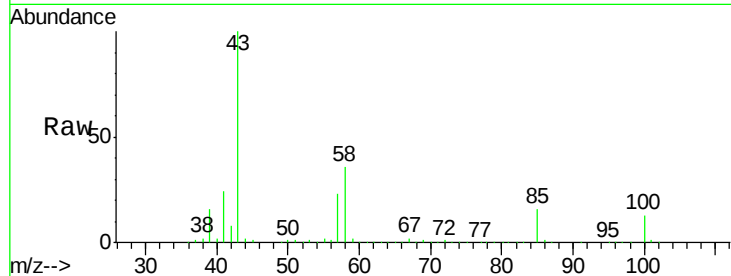
58 35.6 28.4 42.6

Manual Integrations

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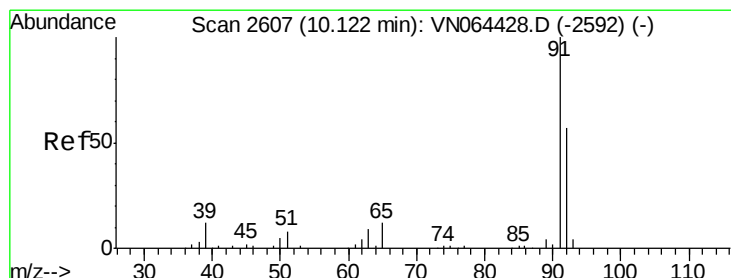
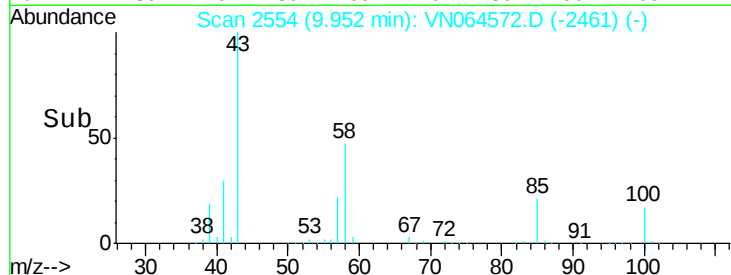
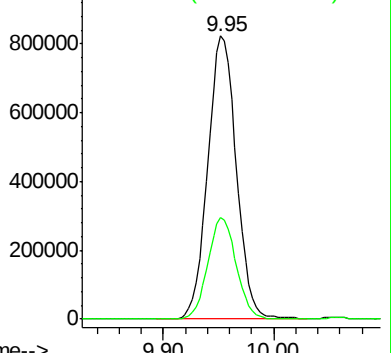
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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 51.564 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064572.D

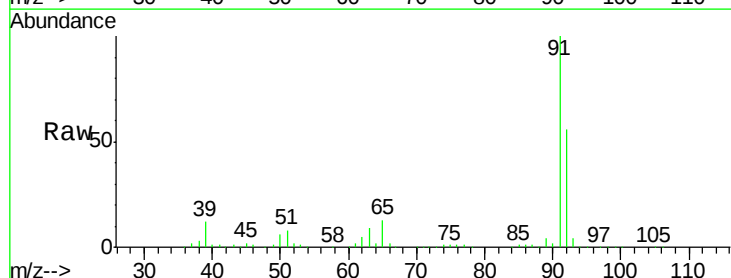
Acq: 12 Nov 2020 9:47

Tgt Ion: 92 Resp: 515688

Ion Ratio Lower Upper

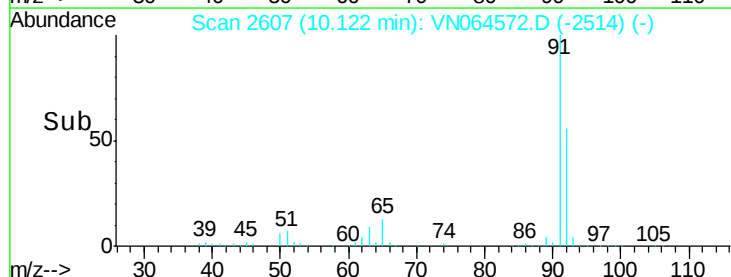
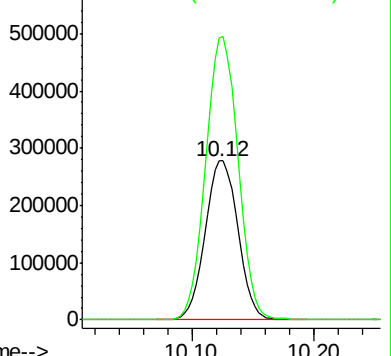
92 100

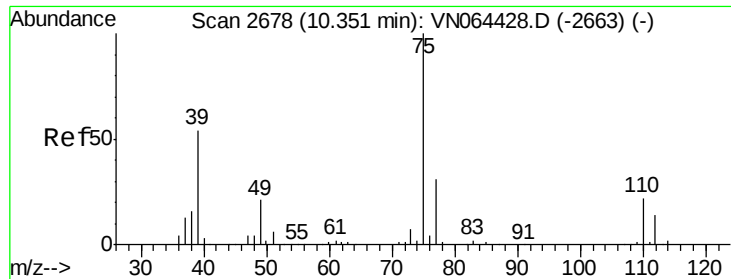
91 175.8 139.6 209.4



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





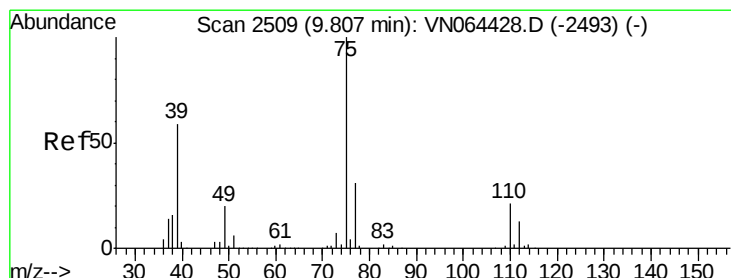
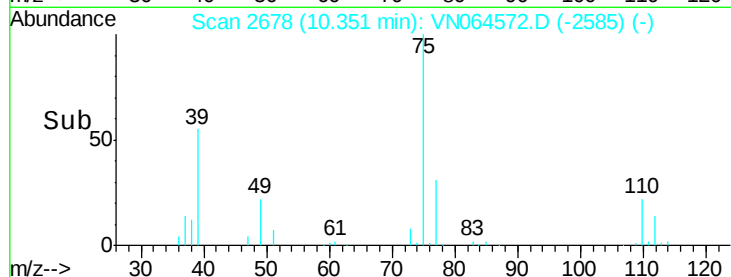
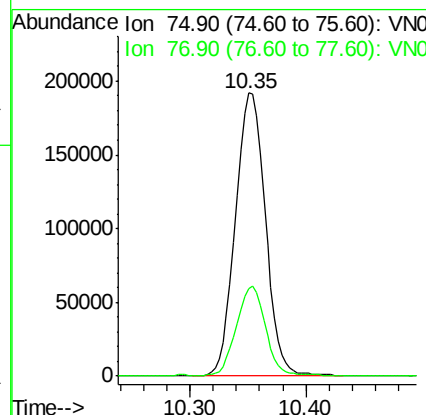
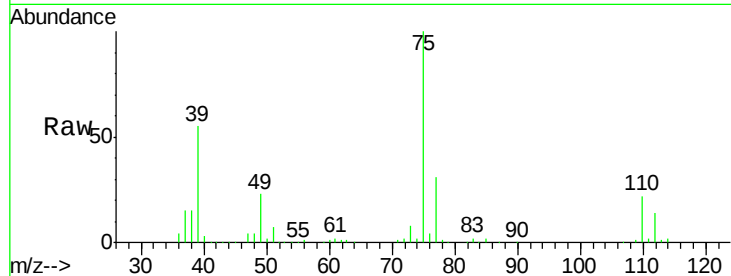
#53
 t-1,3-Dichloropropene
 Concen: 52.387 ug/l
 RT: 10.35 min Scan# 2678
 Delta R.T. -0.00 min
 Lab File: VN064572.D
 Acq: 12 Nov 2020 9:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 75 Resp: 343940
 Ion Ratio Lower Upper
 75 100
 77 30.9 24.8 37.2

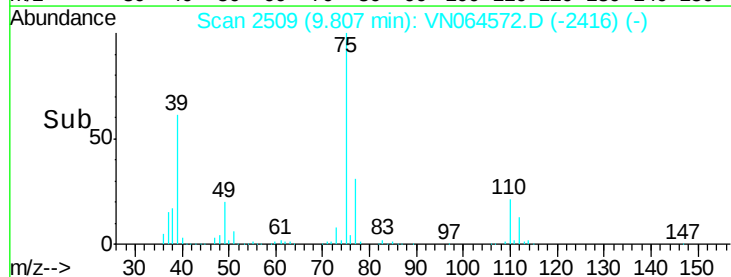
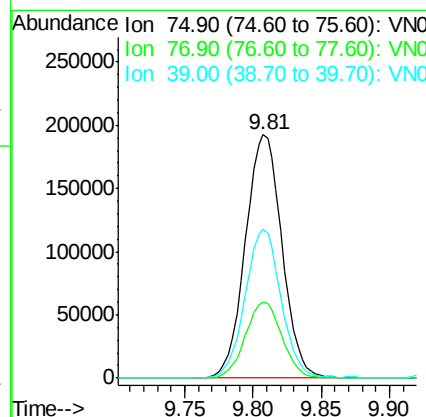
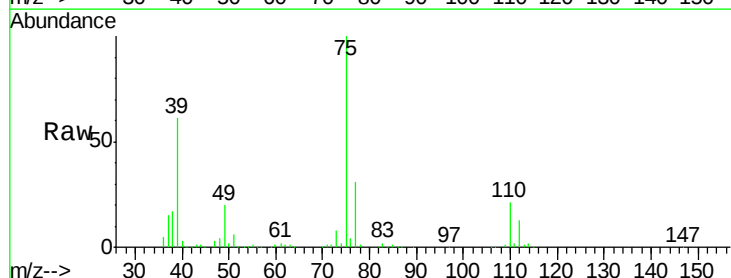
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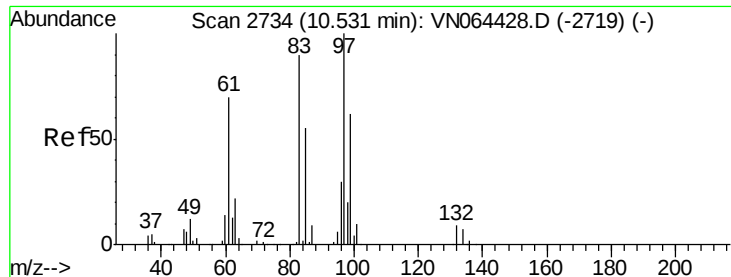
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#54
 cis-1,3-Dichloropropene
 Concen: 51.091 ug/l
 RT: 9.81 min Scan# 2509
 Delta R.T. -0.00 min
 Lab File: VN064572.D
 Acq: 12 Nov 2020 9:47

Tgt Ion: 75 Resp: 358640
 Ion Ratio Lower Upper
 75 100
 77 31.3 24.9 37.3
 39 60.8 47.1 70.7





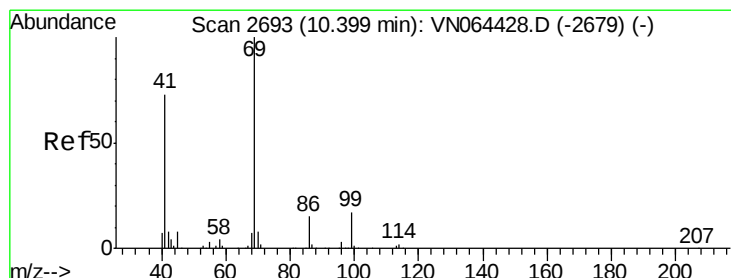
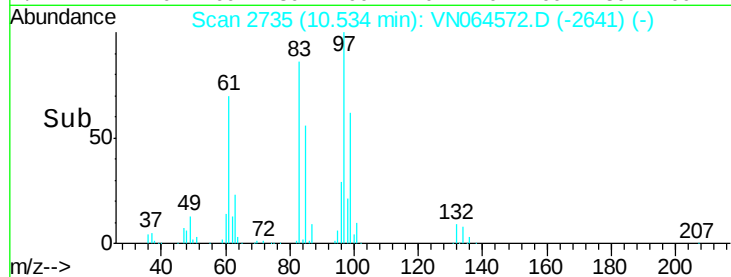
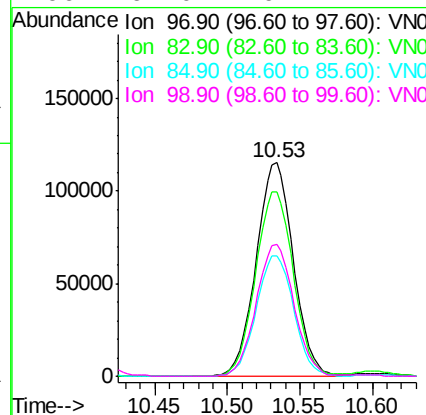
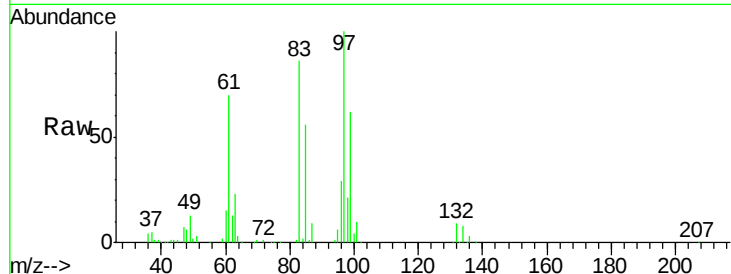
#55
 1,1,2-Trichloroethane
 Concen: 52.796 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN064572.D
 Acq: 12 Nov 2020 9:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	205920
Ion	Ratio	Lower	Upper
97	100		
83	86.4	71.7	107.5
85	56.5	44.3	66.5
99	62.0	49.4	74.2

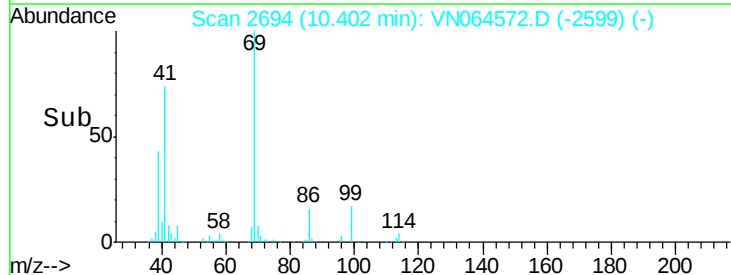
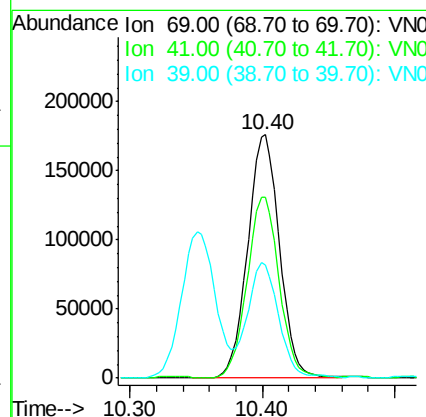
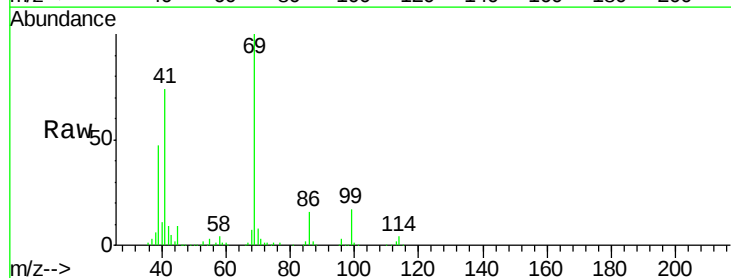
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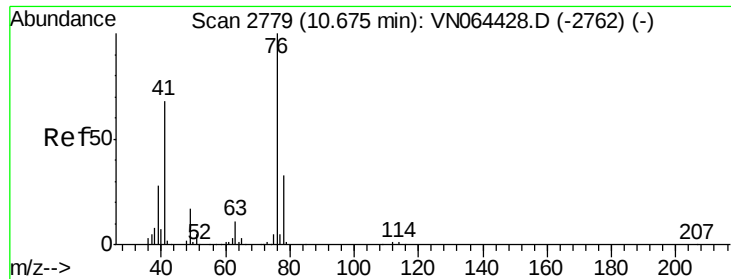
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#56
 Ethyl methacrylate
 Concen: 45.929 ug/l
 RT: 10.40 min Scan# 2694
 Delta R.T. 0.00 min
 Lab File: VN064572.D
 Acq: 12 Nov 2020 9:47

Tgt Ion:	69	Resp:	293732
Ion	Ratio	Lower	Upper
69	100		
41	74.3	59.3	88.9
39	46.3	35.4	53.0





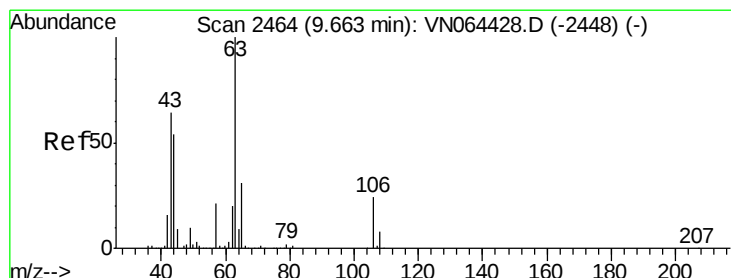
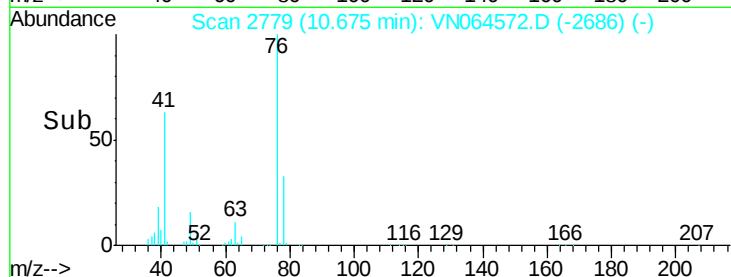
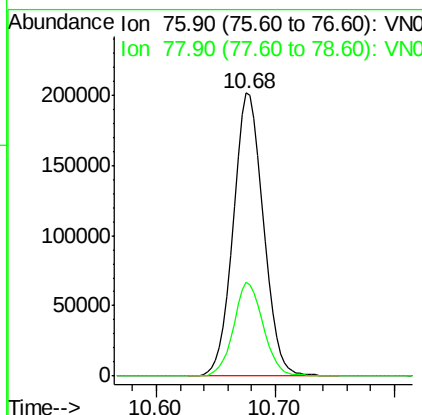
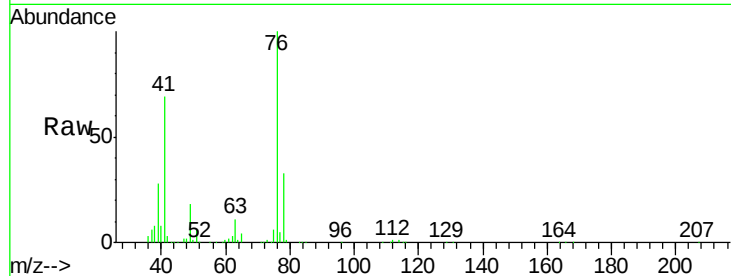
#57
 1,3-Dichloropropane
 Concen: 51.916 ug/l
 RT: 10.68 min Scan# 2779
 Delta R.T. -0.00 min
 Lab File: VN064572.D
 Acq: 12 Nov 2020 9:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.7	25.8	38.6

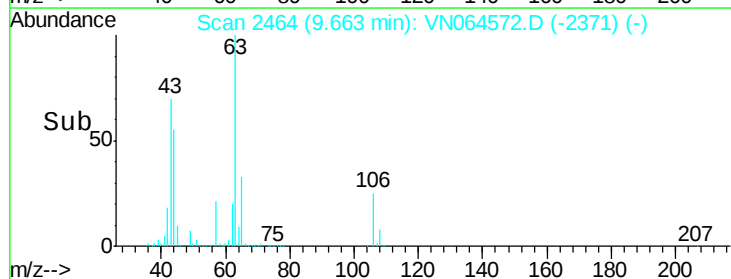
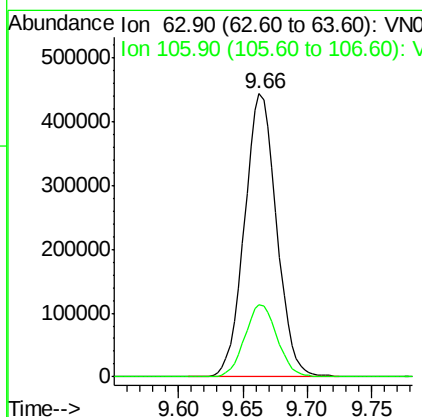
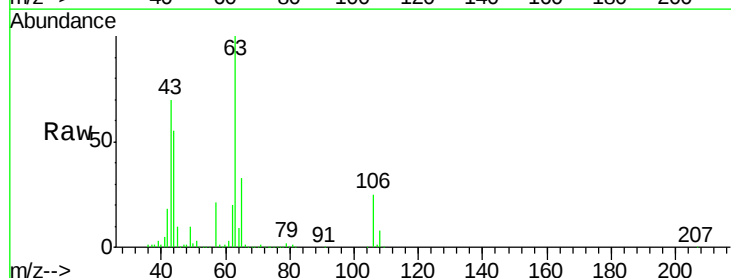
Manual Integrations
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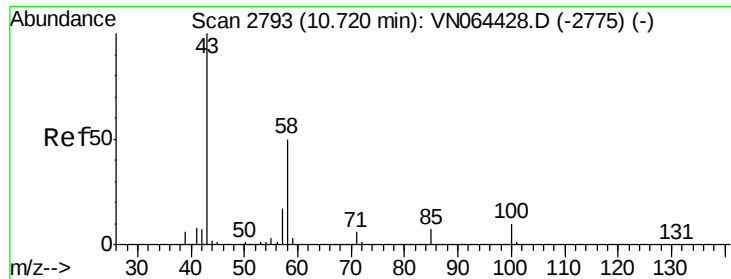
MMDadoda
 11/13/2020 11:42:09 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 253.445 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN064572.D
 Acq: 12 Nov 2020 9:47

Tgt Ion	Ratio	Lower	Upper
63	100		
106	25.9	19.5	29.3





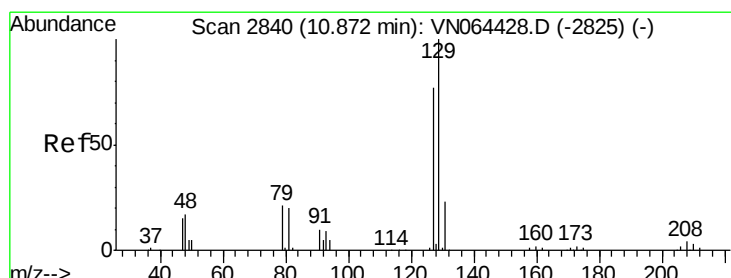
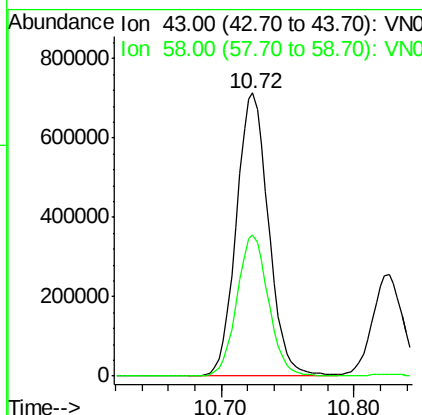
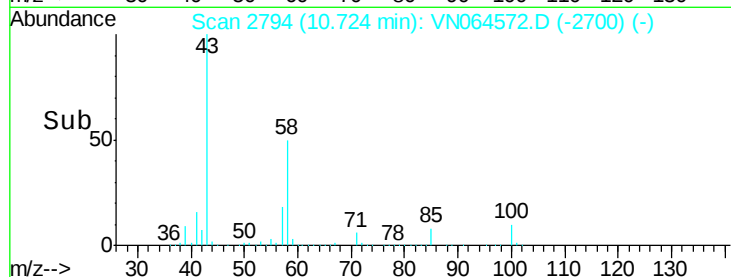
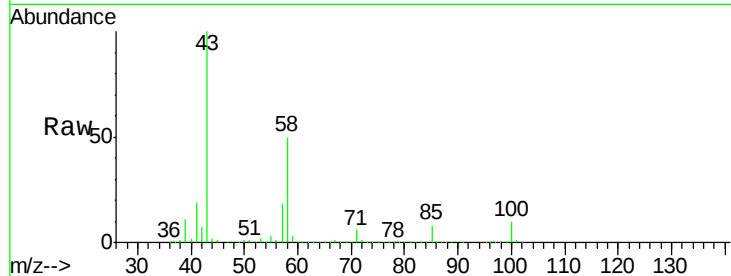
#59
2-Hexanone
Concen: 278.319 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN064572.D
Acq: 12 Nov 2020 9:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1198852
Ion Ratio Lower Upper
43 100
58 49.0 24.7 74.1

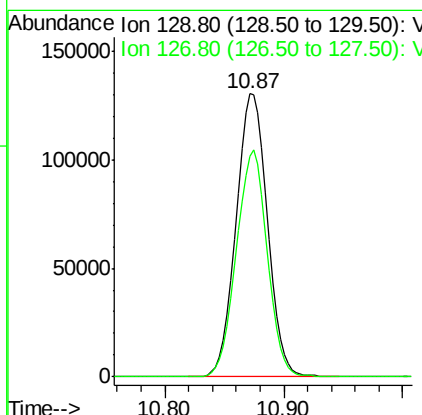
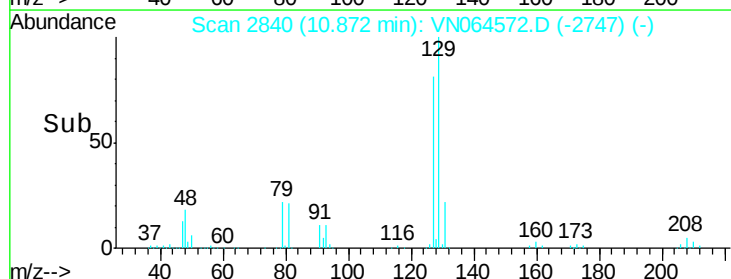
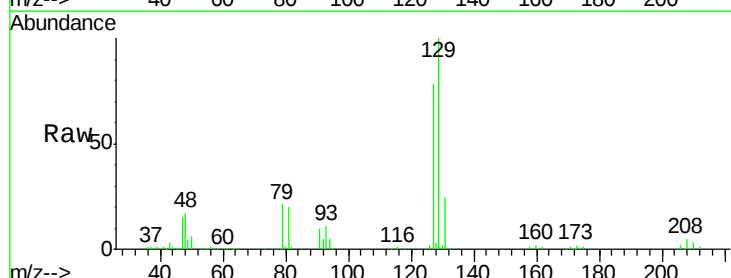
Manual Integrations
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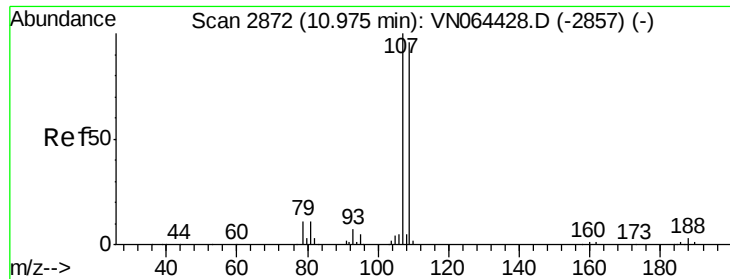
MMDadoda
11/13/2020 11:42:09 AM



#60
Dibromochloromethane
Concen: 54.485 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064572.D
Acq: 12 Nov 2020 9:47

Tgt Ion: 129 Resp: 237922
Ion Ratio Lower Upper
129 100
127 79.0 38.9 116.7





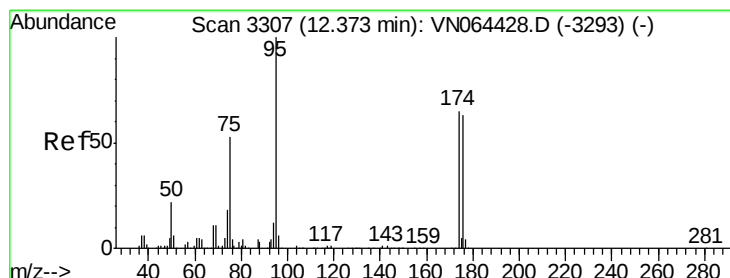
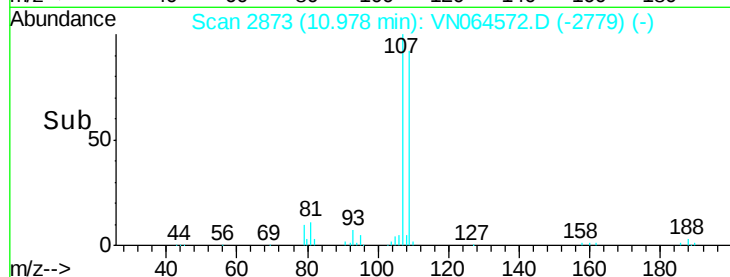
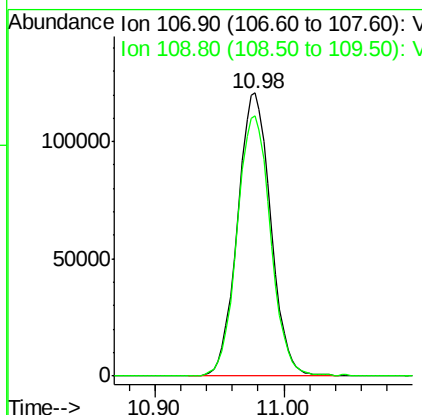
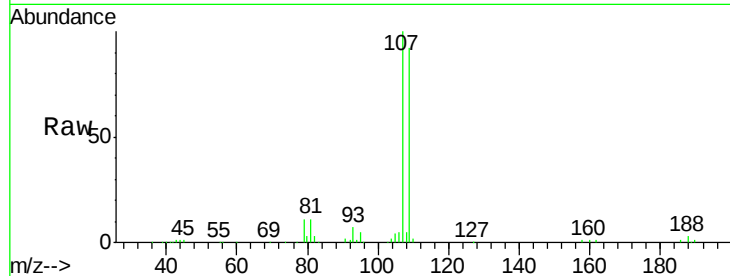
#61
 1,2-Dibromoethane
 Concen: 54.795 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN064572.D
 Acq: 12 Nov 2020 9:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	92.6	75.9	113.9

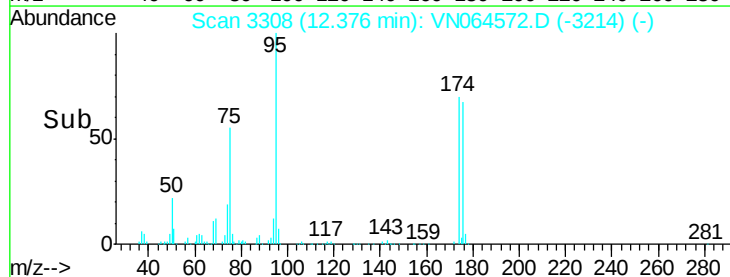
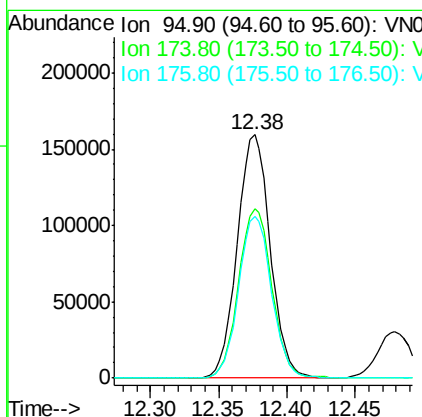
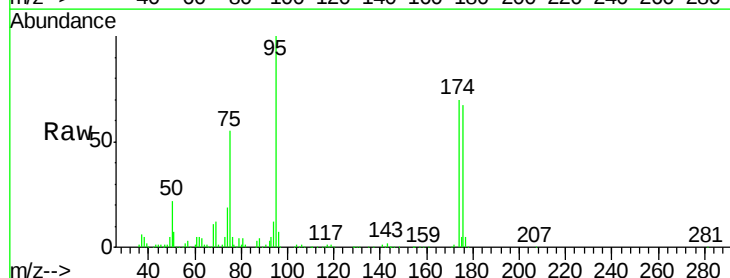
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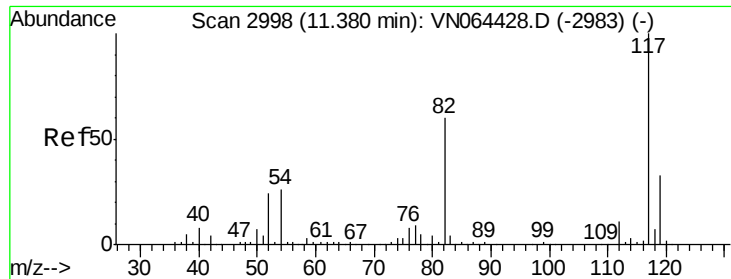
MMDadoda
 11/13/2020 11:42:09 AM



#62
 4-Bromofluorobenzene
 Concen: 51.060 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: VN064572.D
 Acq: 12 Nov 2020 9:47

Tgt Ion	Ratio	Lower	Upper
95	100		
174	70.2	0.0	132.6
176	66.3	0.0	129.2





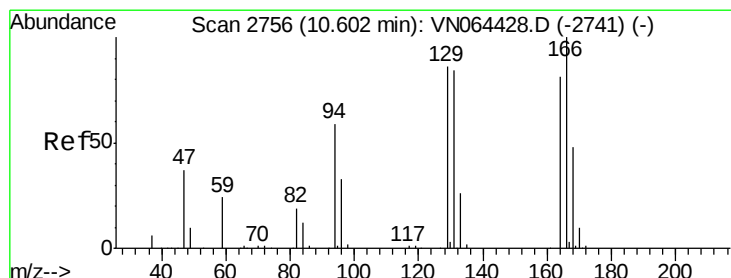
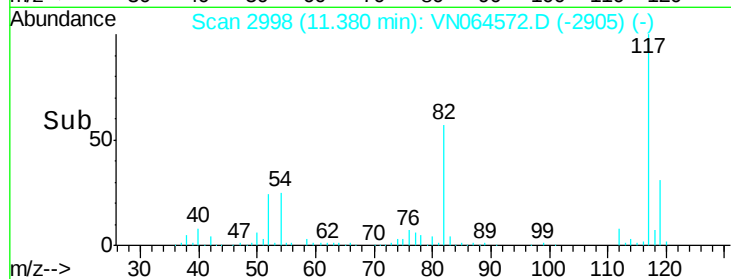
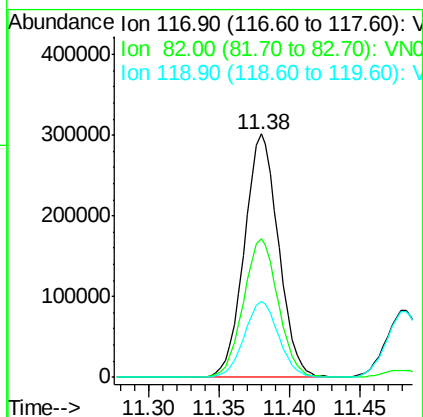
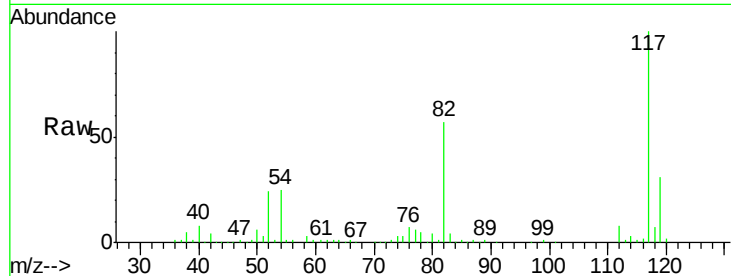
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064572.D
Acq: 12 Nov 2020 9:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.0	48.1	72.1
119	31.1	26.2	39.4

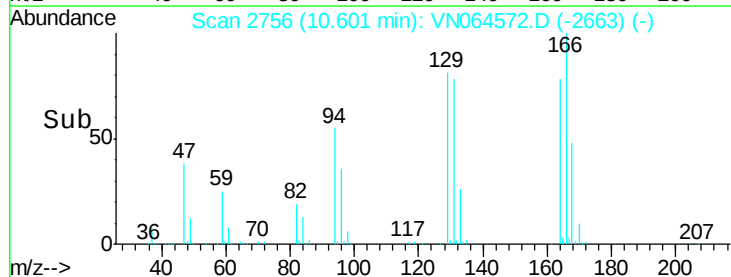
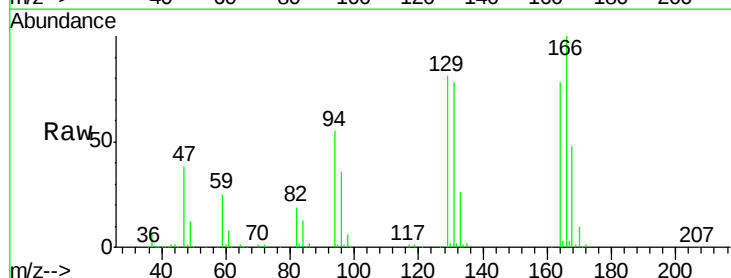
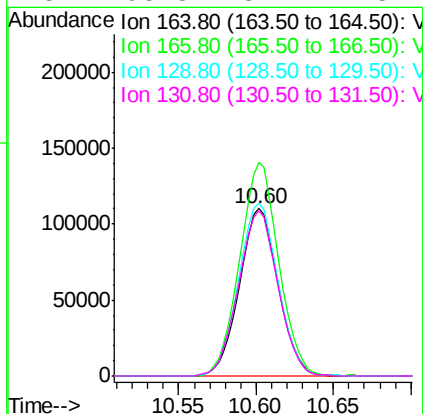
Manual Integrations
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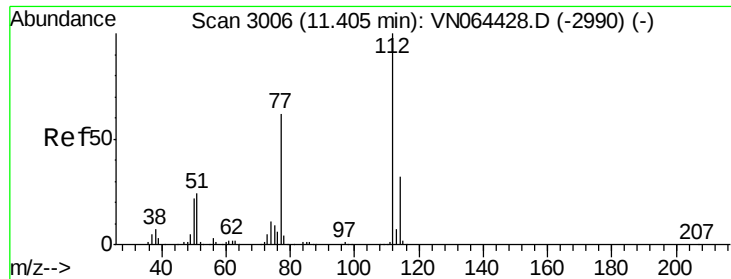
MMDadoda
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#64
Tetrachloroethene
Concen: 48.725 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN064572.D
Acq: 12 Nov 2020 9:47

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.4	98.2	147.2
129	103.4	84.6	127.0
131	98.8	82.2	123.2





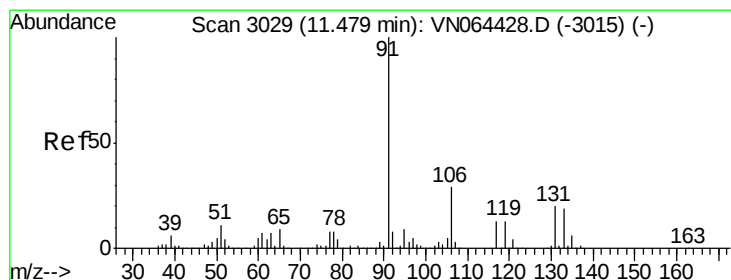
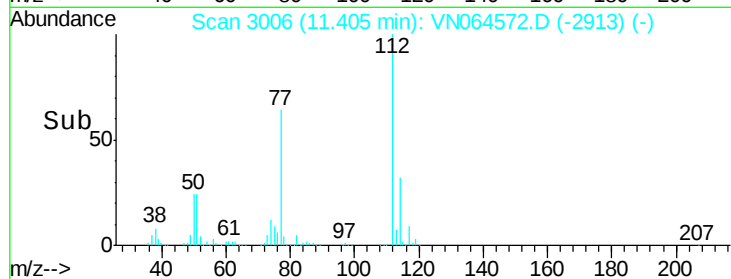
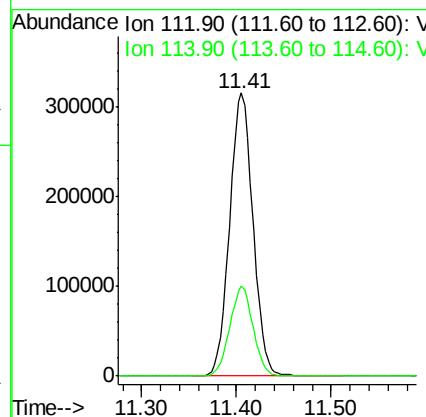
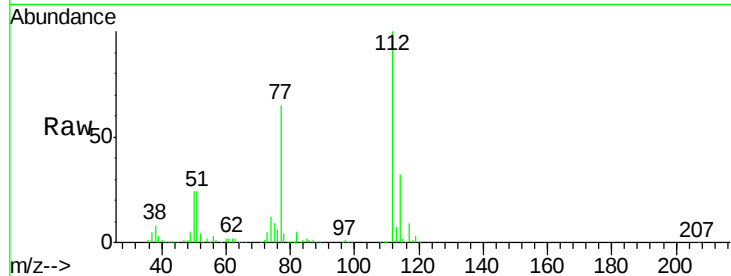
#65
Chlorobenzene
Concen: 48.422 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN064572.D
Acq: 12 Nov 2020 9:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.7	25.6	38.4

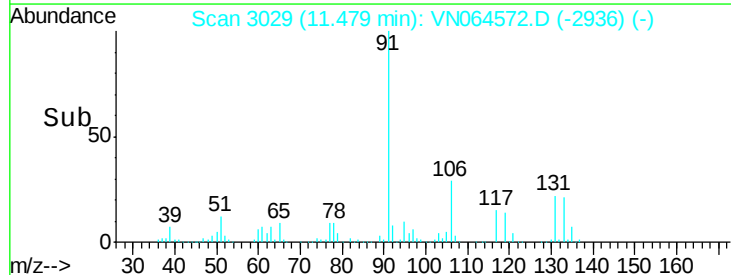
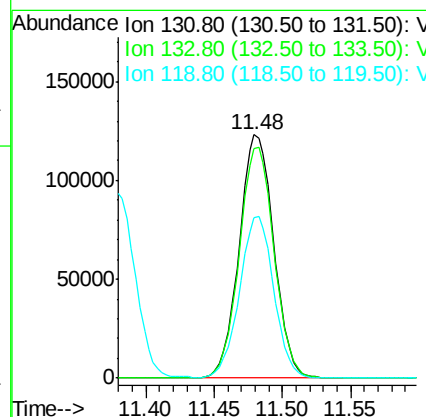
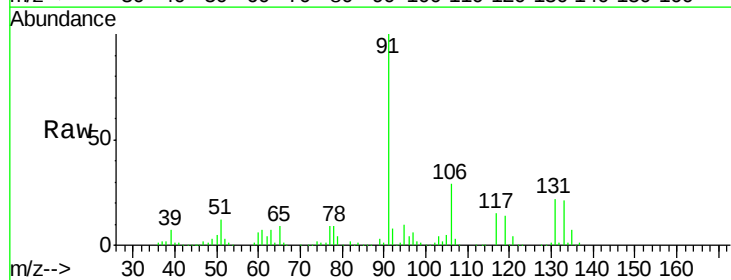
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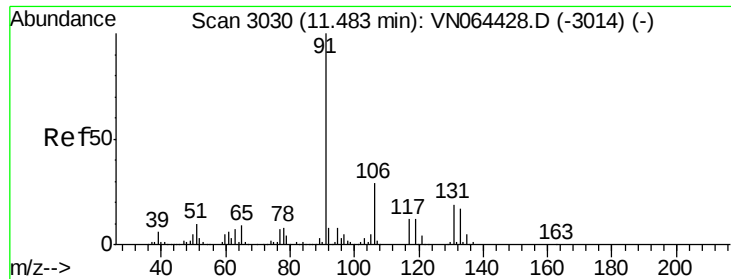
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11/13/2020 11:42:09 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 51.760 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN064572.D
Acq: 12 Nov 2020 9:47

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.6	46.9	140.7
119	65.4	32.1	96.5





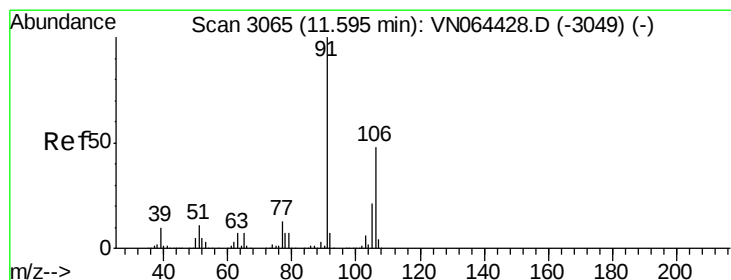
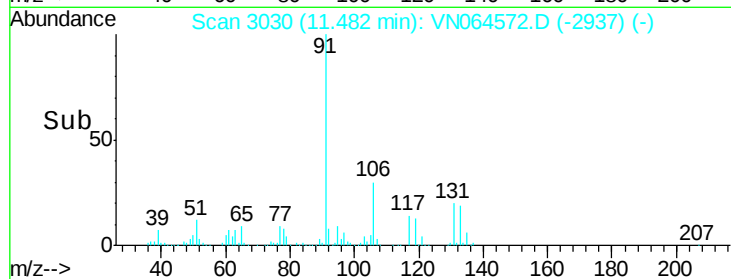
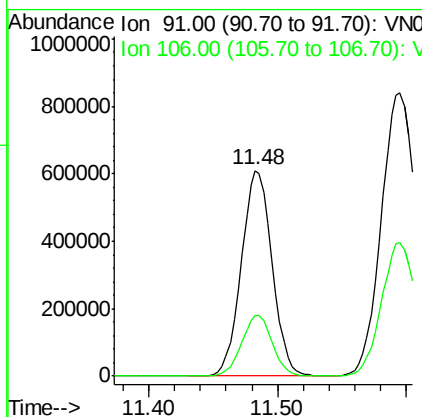
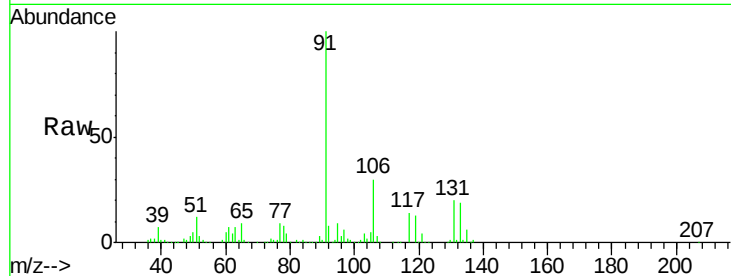
#67
Ethyl Benzene
Concen: 50.696 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN064572.D
Acq: 12 Nov 2020 9:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 1011357
Ion Ratio Lower Upper
91 100
106 29.6 23.6 35.4

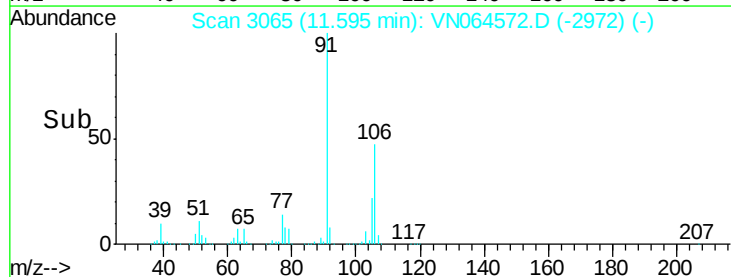
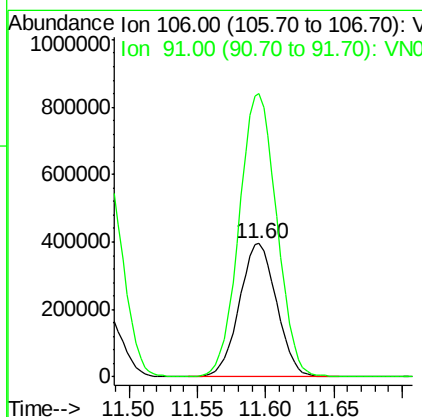
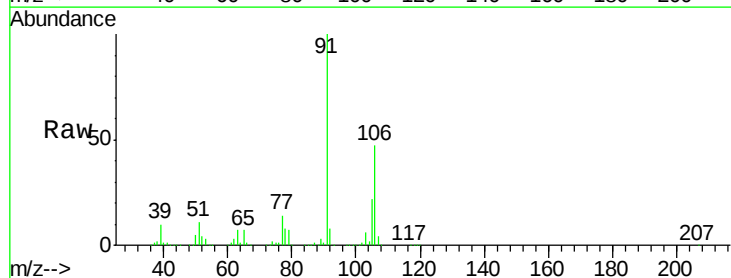
Manual Integrations
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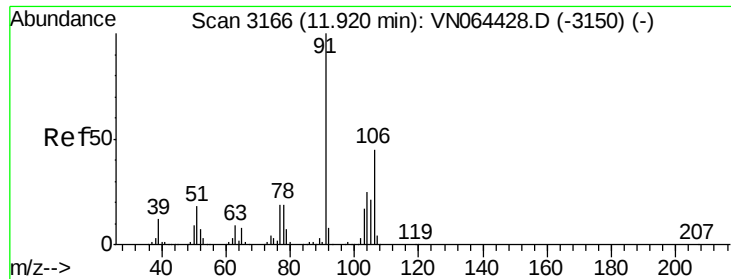
MMDadoda
11/13/2020 11:42:09 AM



#68
m/p-Xylenes
Concen: 103.241 ug/l
RT: 11.60 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN064572.D
Acq: 12 Nov 2020 9:47

Tgt Ion: 106 Resp: 746939
Ion Ratio Lower Upper
106 100
91 214.7 169.4 254.2





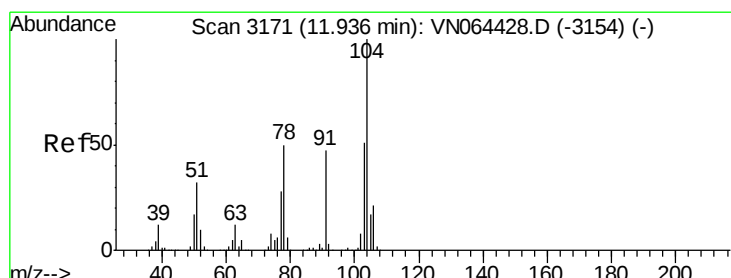
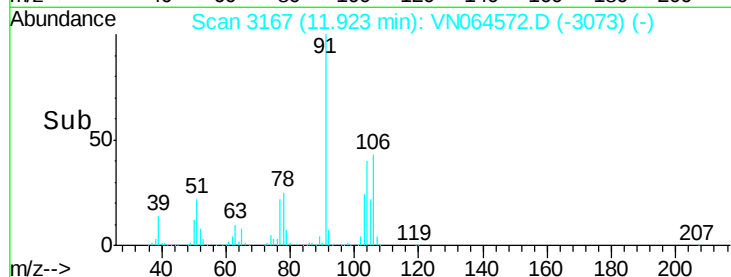
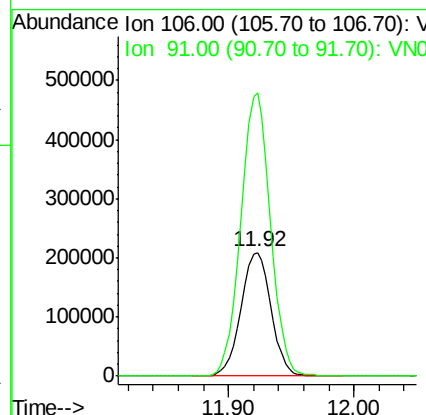
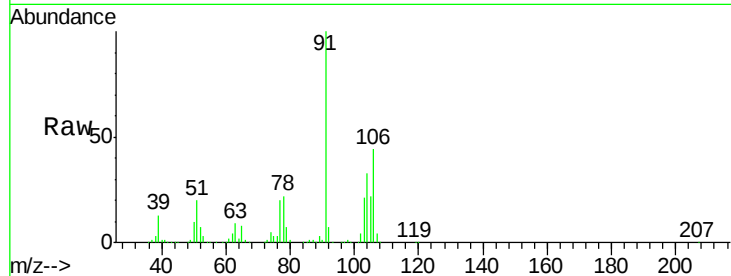
#69
o-Xylene
Concen: 49.863 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN064572.D
Acq: 12 Nov 2020 9:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 348602
Ion Ratio Lower Upper
106 100
91 225.1 111.7 334.9

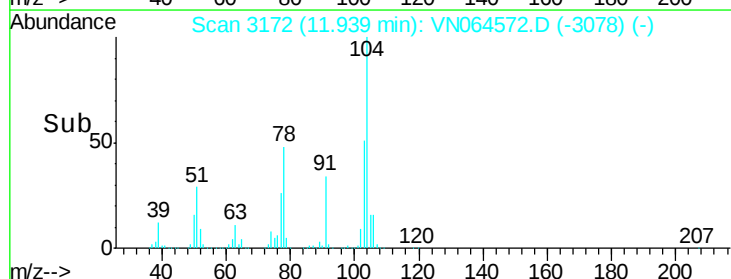
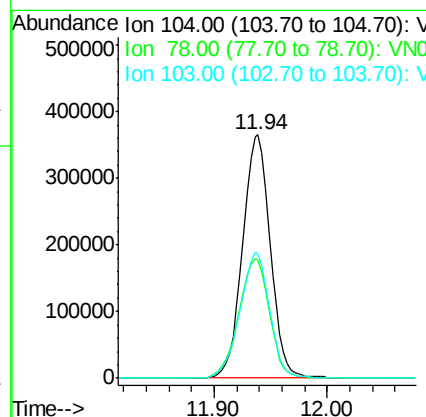
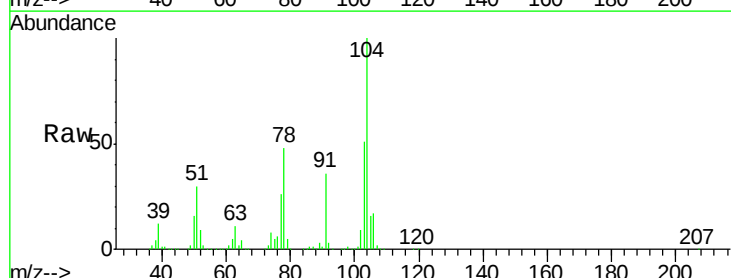
Manual Integrations
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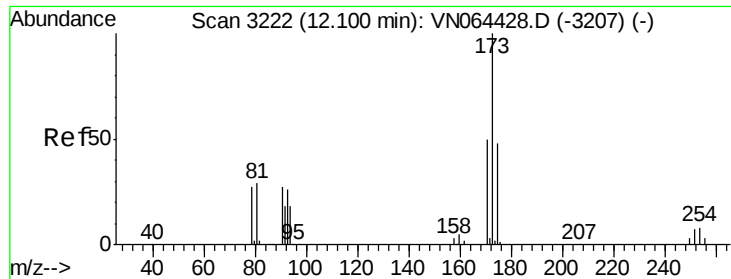
MMDadoda
11/13/2020 11:42:09 AM



#70
Styrene
Concen: 53.084 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN064572.D
Acq: 12 Nov 2020 9:47

Tgt Ion:104 Resp: 624495
Ion Ratio Lower Upper
104 100
78 54.2 44.0 66.0
103 55.4 43.8 65.6





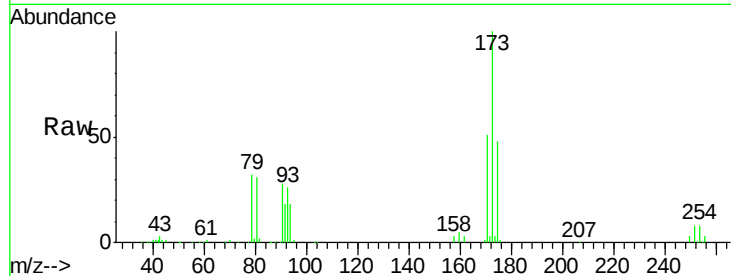
#71
Bromoform
Concen: 50.287 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN064572.D
Acq: 12 Nov 2020 9:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.8	23.7	71.1
254	0.0	0.0	0.0

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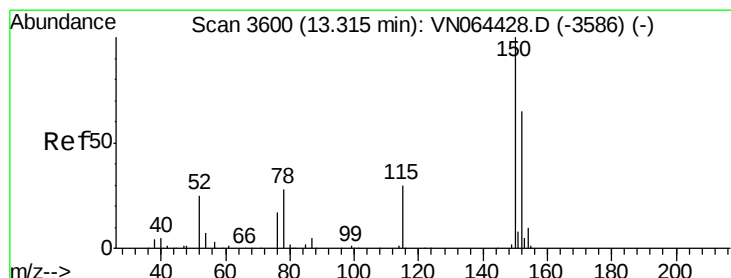
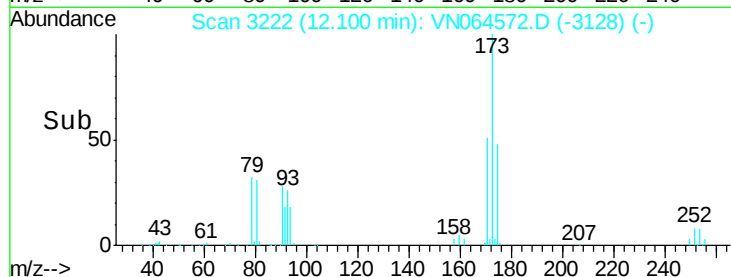
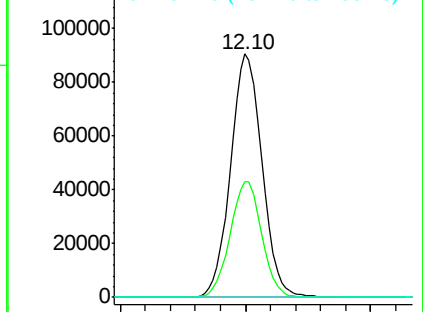


Abundance

Ion 172.70 (172.40 to 173.40): V

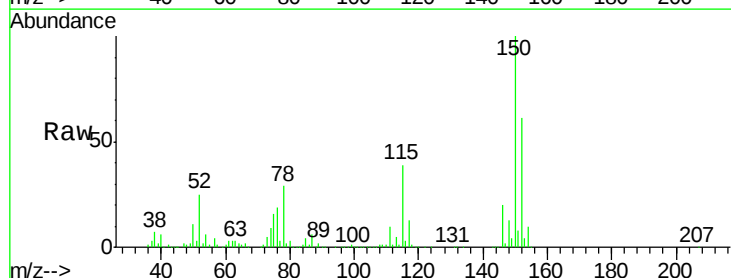
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064572.D
Acq: 12 Nov 2020 9:47

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.2	32.0	96.0
150	172.4	0.0	353.8

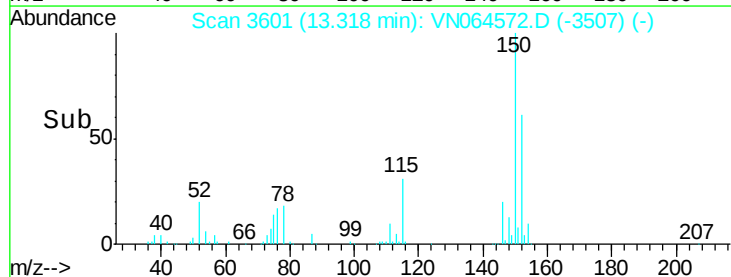
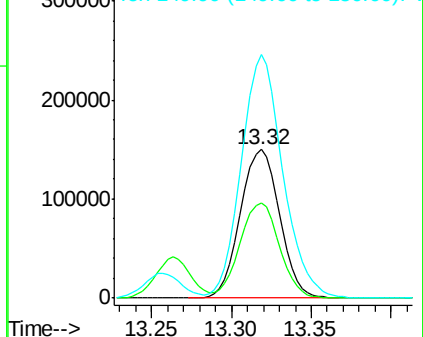


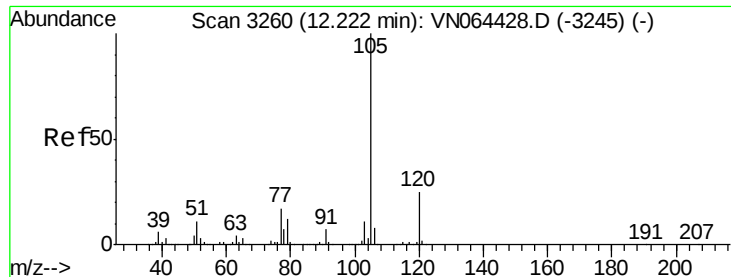
Abundance

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: 46.845 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN064572.D

Acq: 12 Nov 2020 9:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 937192

Ion Ratio Lower Upper

105 100

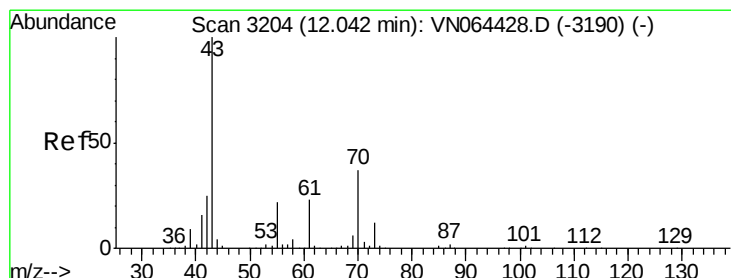
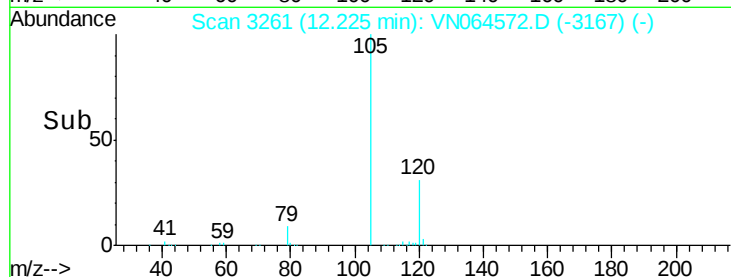
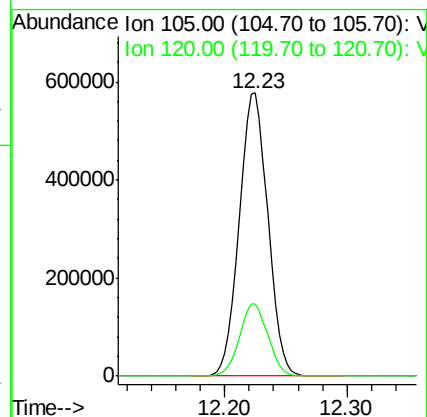
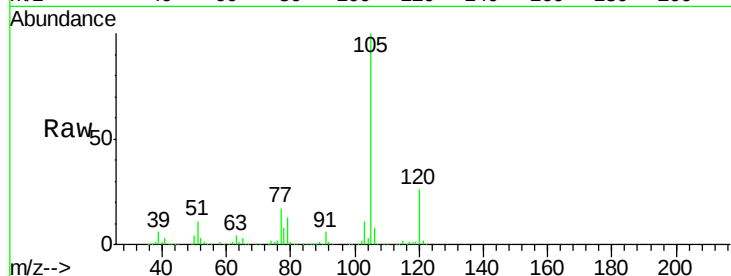
120 25.5 12.8 38.3

Manual Integrations

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11/13/2020 11:42:09 AM



#74

N-ethyl acetate

Concen: 42.933 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN064572.D

Acq: 12 Nov 2020 9:47

Tgt Ion: 43 Resp: 414867

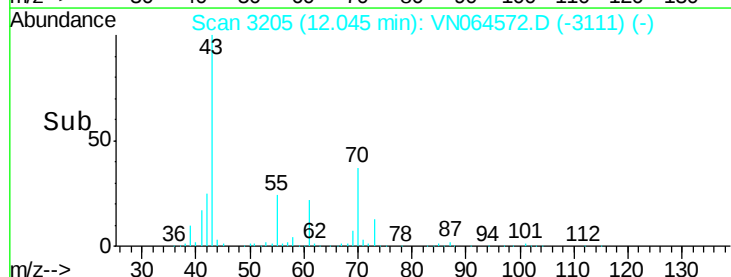
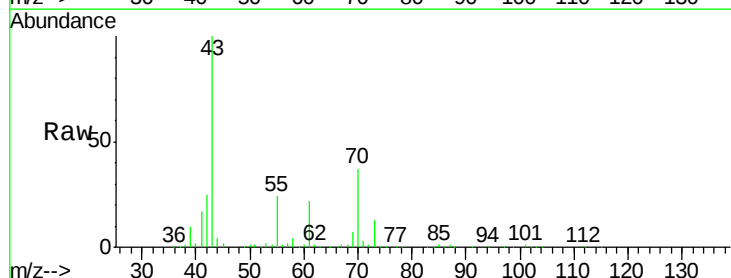
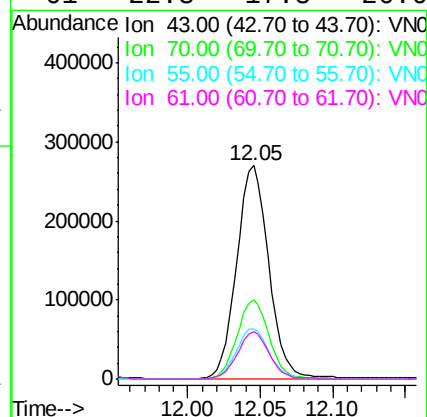
Ion Ratio Lower Upper

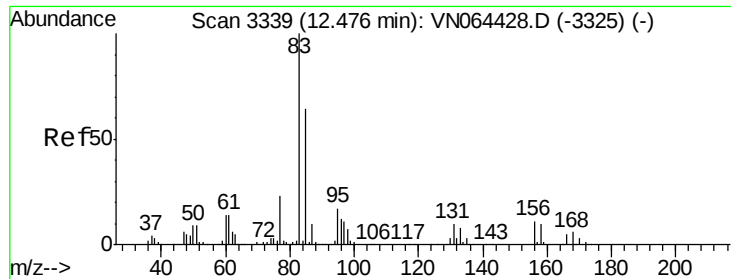
43 100

70 37.2 29.6 44.4

55 24.4 18.4 27.6

61 22.3 17.8 26.6





#75

1,1,2,2-Tetrachloroethane

Concen: 47.879 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN064572.D

Acq: 12 Nov 2020 9:47

Instrument :

MSVOA_N

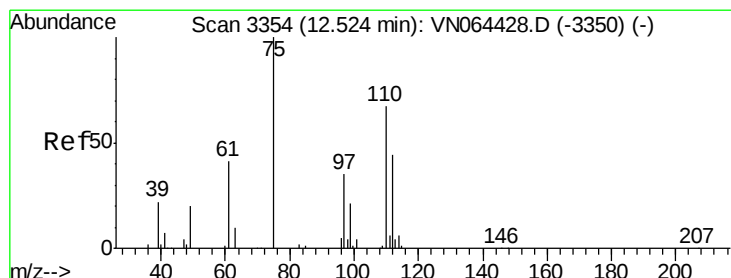
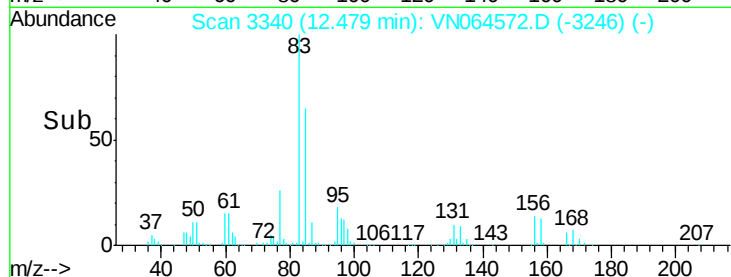
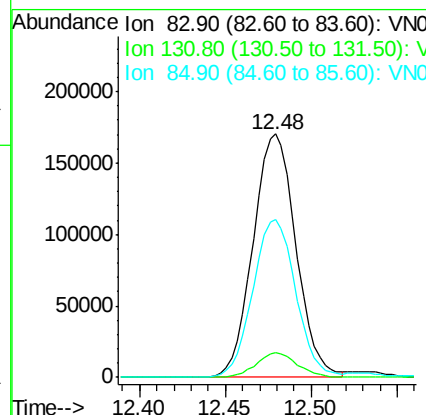
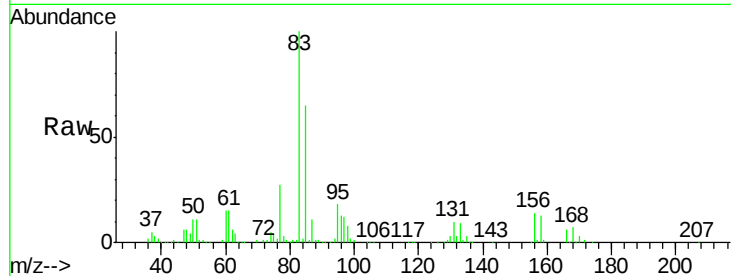
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	294212
Ion Ratio	Lower	Upper	
83	100		
131	9.7	4.9	14.7
85	64.9	32.1	96.5

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 47.069 ug/l m

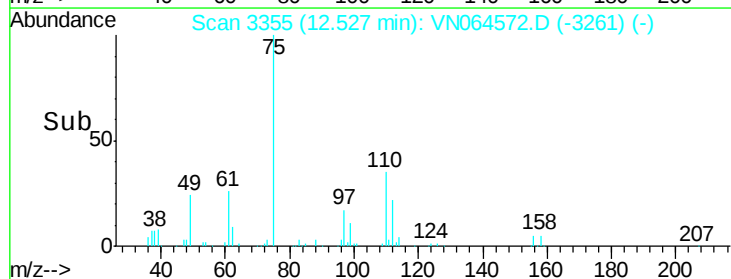
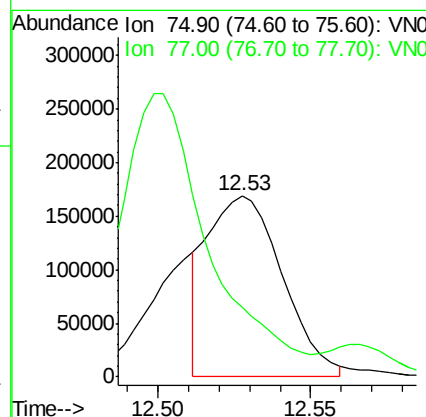
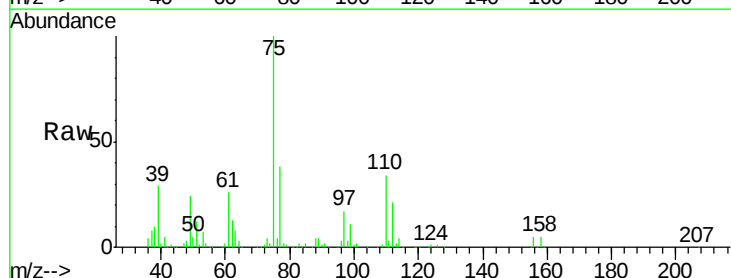
RT: 12.53 min Scan# 3355

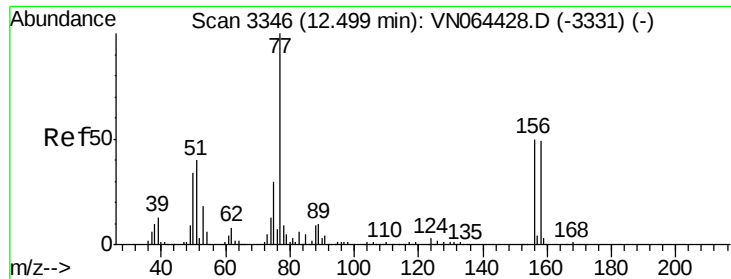
Delta R.T. 0.00 min

Lab File: VN064572.D

Acq: 12 Nov 2020 9:47

Tgt Ion:	75	Resp:	287051
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 45.597 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. 0.00 min

Lab File: VN064572.D

Acq: 12 Nov 2020 9:47

Instrument :

MSVOA_N

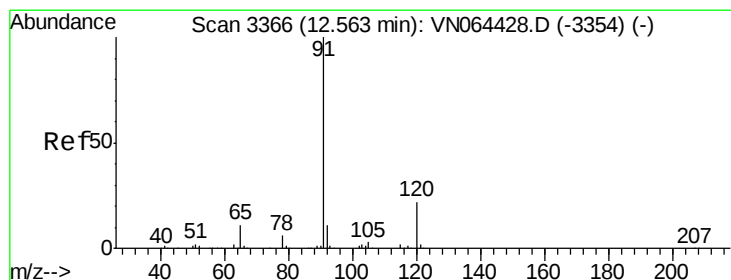
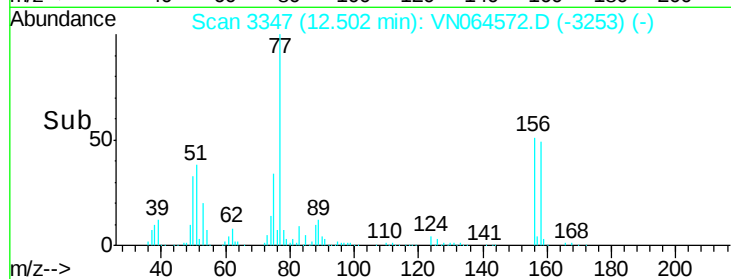
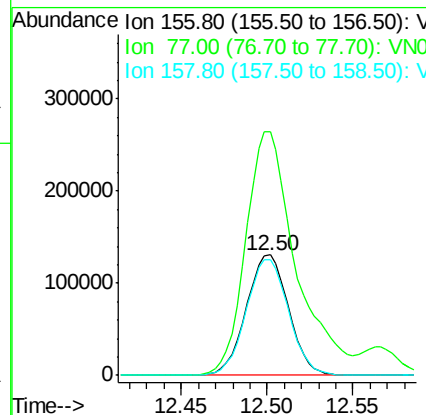
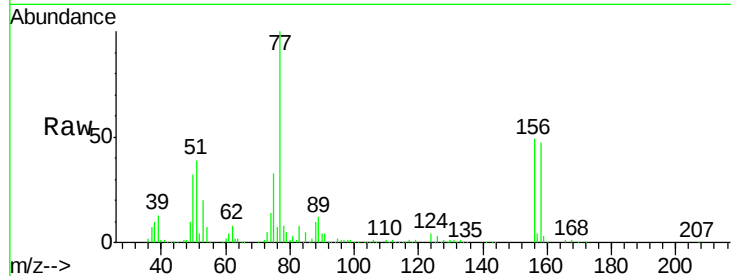
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	240.8	119.0	357.0
158	97.1	48.4	145.3

Manual Integrations
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#78

n-propylbenzene

Concen: 49.585 ug/l

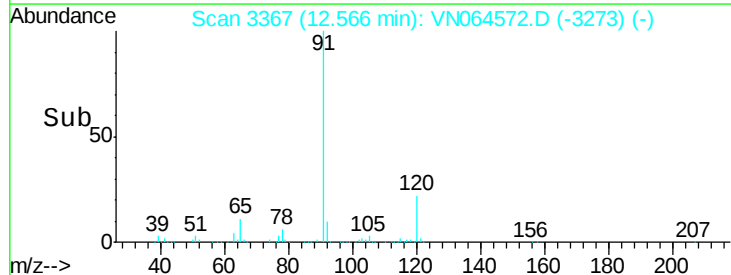
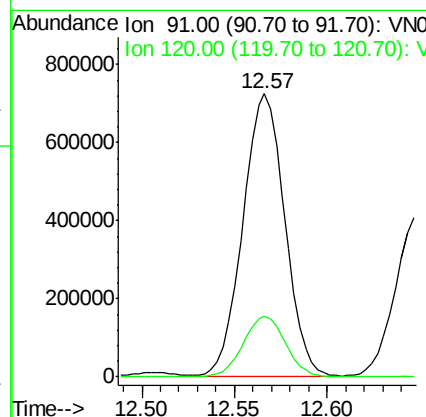
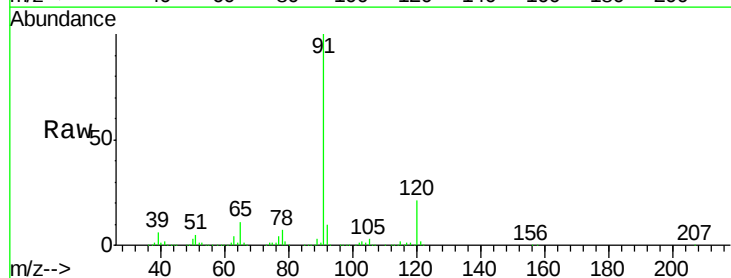
RT: 12.57 min Scan# 3367

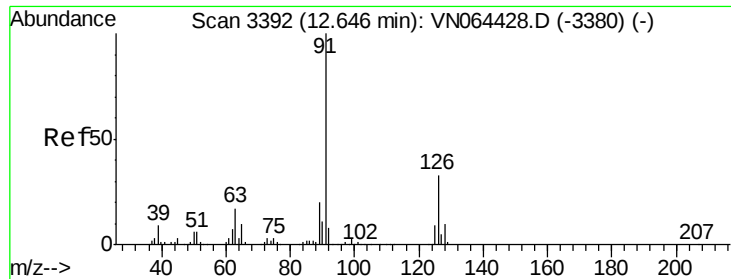
Delta R.T. 0.00 min

Lab File: VN064572.D

Acq: 12 Nov 2020 9:47

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.8	11.0	33.0





#79

2-Chlorotoluene

Concen: 47.769 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN064572.D

Acq: 12 Nov 2020 9:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 691028

Ion Ratio Lower Upper

91 100

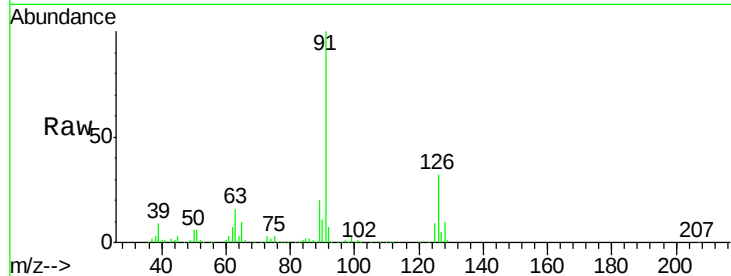
126 32.3 16.4 49.1

Manual Integrations

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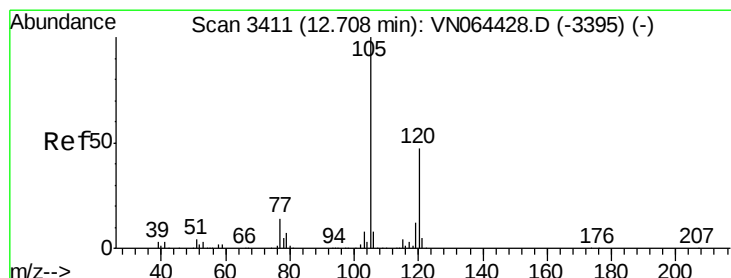
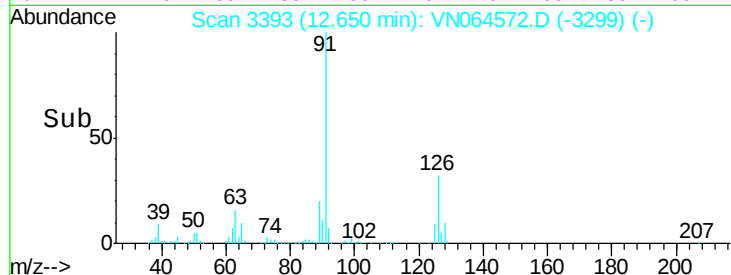
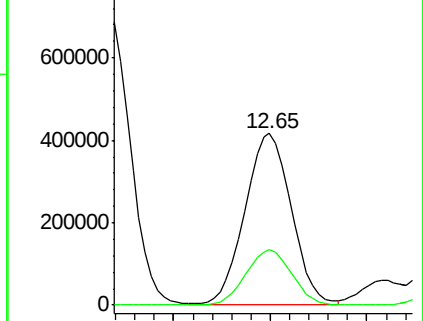
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Abundance Ion 91.00 (90.70 to 91.70): VN064572.D (-3393) (-)

Ion 125.90 (125.60 to 126.60): VN064572.D (-3393) (-)



#80

1,3,5-Trimethylbenzene

Concen: 49.747 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN064572.D

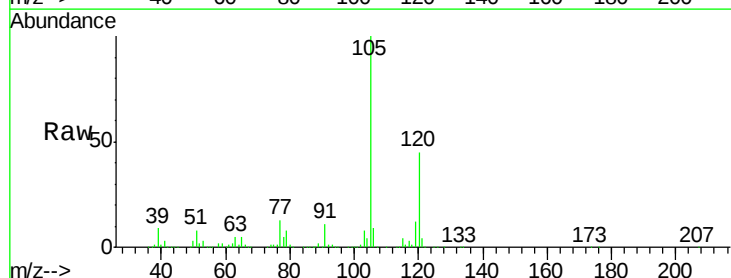
Acq: 12 Nov 2020 9:47

Tgt Ion: 105 Resp: 821046

Ion Ratio Lower Upper

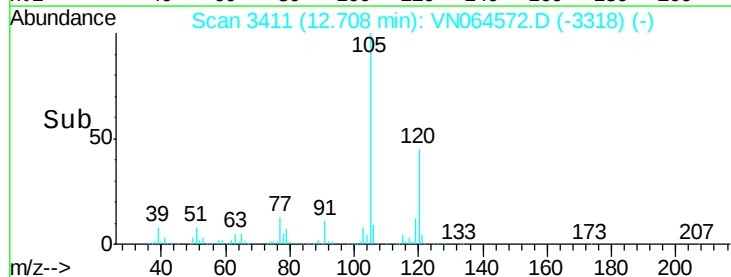
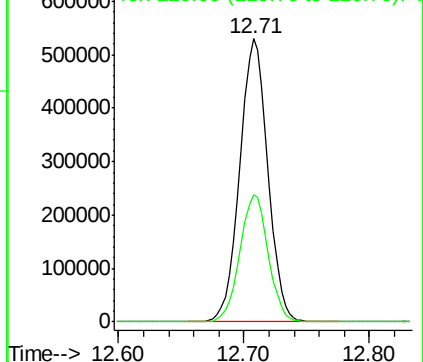
105 100

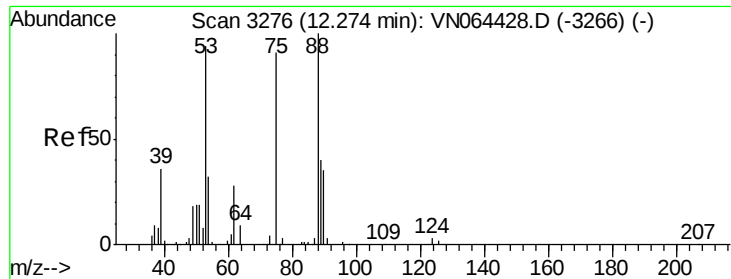
120 45.5 23.4 70.2



Abundance Ion 105.00 (104.70 to 105.70): VN064572.D (-3411) (-)

Ion 120.00 (119.70 to 120.70): VN064572.D (-3411) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 48.623 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN064572.D

Acq: 12 Nov 2020 9:47

Instrument :

MSVOA_N

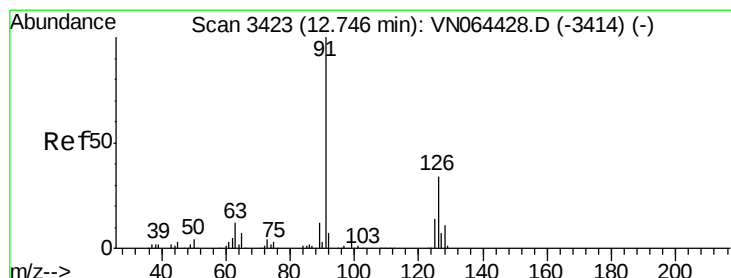
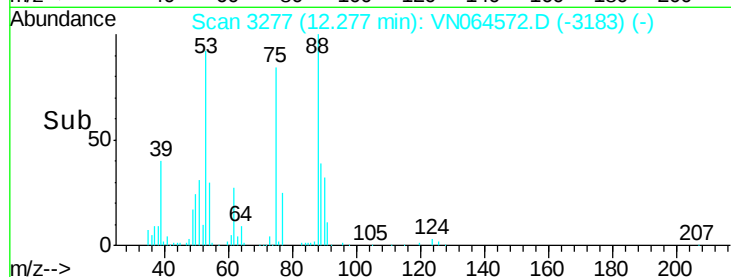
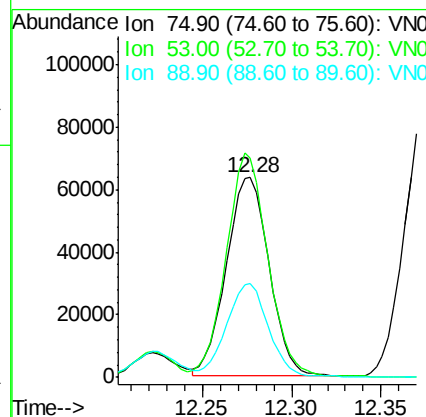
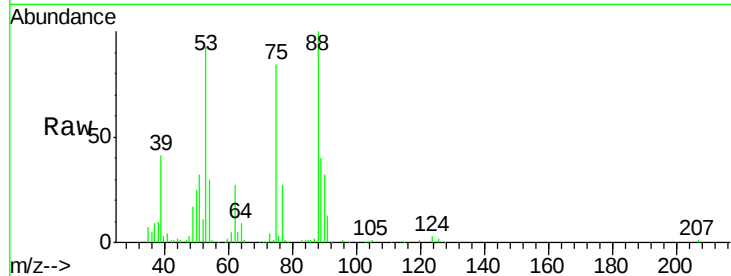
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	106202
Ion Ratio	Lower	Upper	
75	100		
53	109.8	84.0	126.0
89	46.3	36.3	54.5

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#82

4-Chlorotoluene

Concen: 47.764 ug/l

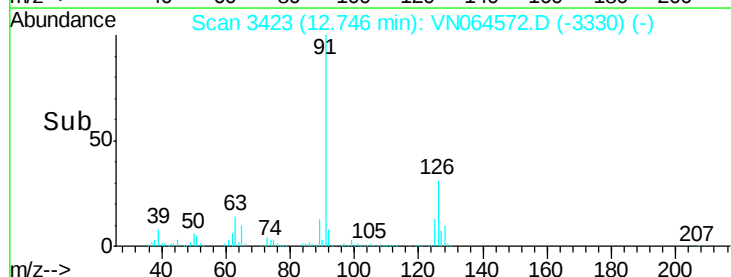
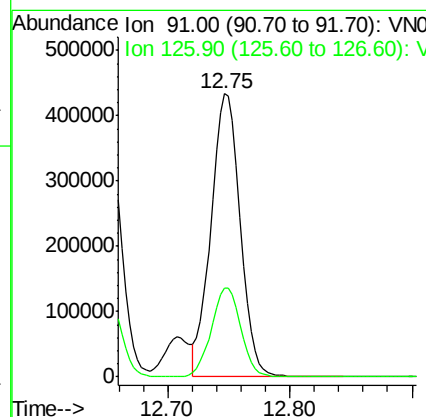
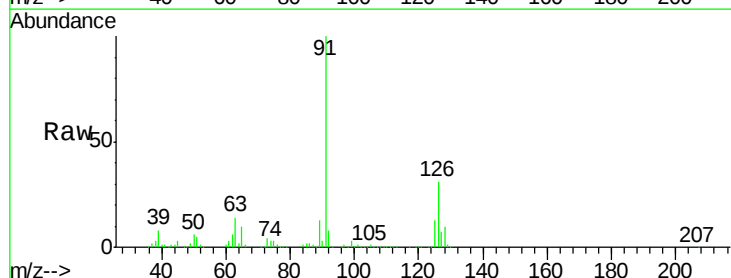
RT: 12.75 min Scan# 3423

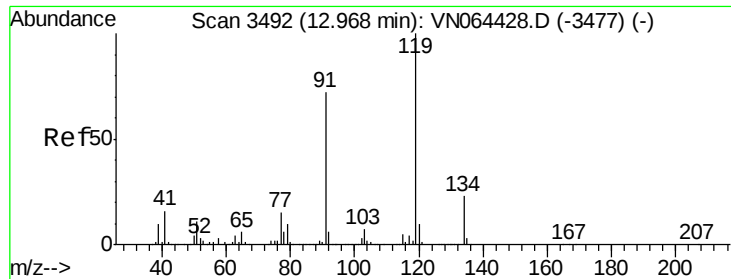
Delta R.T. -0.00 min

Lab File: VN064572.D

Acq: 12 Nov 2020 9:47

Tgt Ion:	91	Resp:	723617
Ion Ratio	Lower	Upper	
91	100		
126	31.9	15.4	46.2





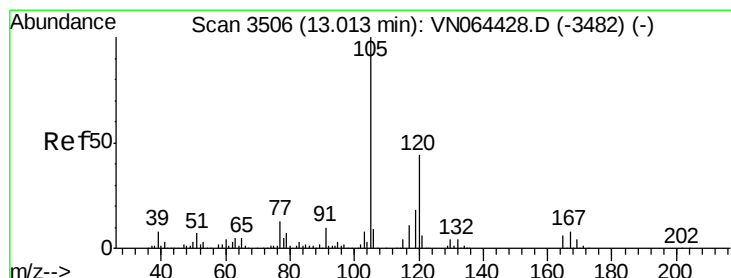
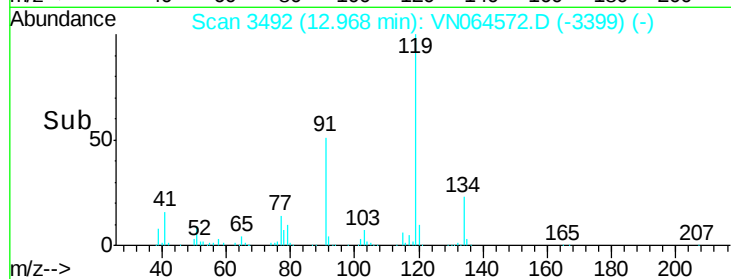
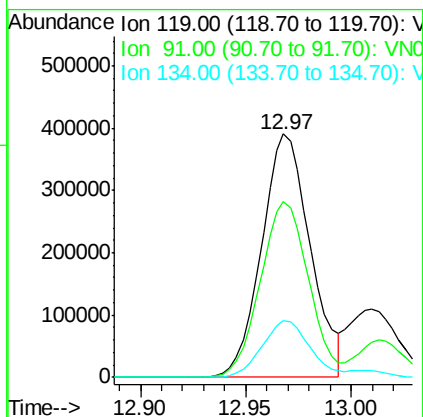
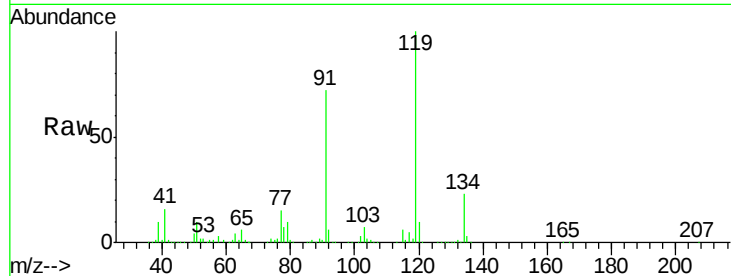
#83
tert-Butylbenzene
Concen: 48.663 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. -0.00 min
Lab File: VN064572.D
Acq: 12 Nov 2020 9:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	71.7	36.1	108.3
134	22.9	11.7	35.1

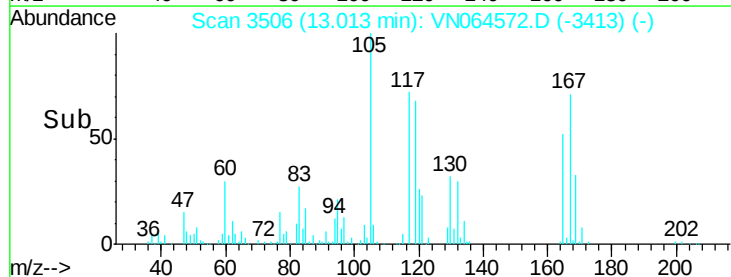
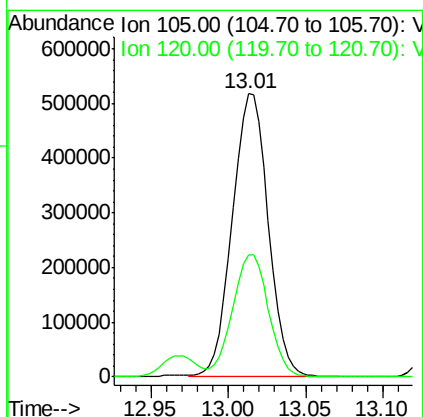
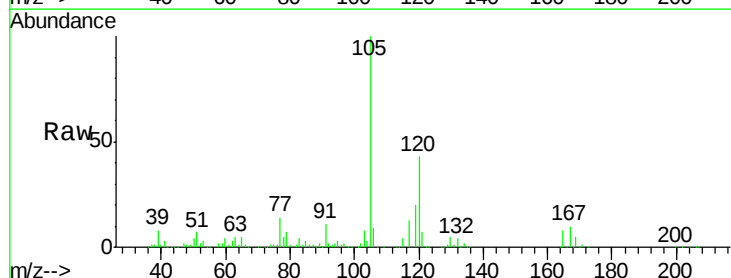
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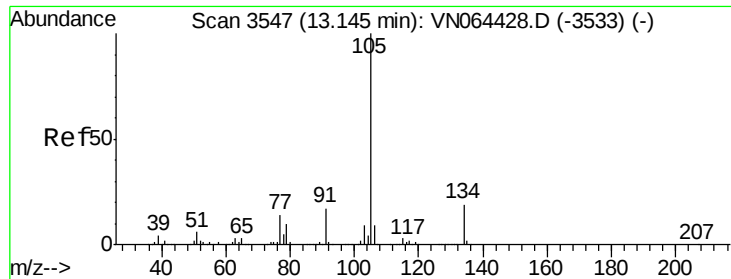
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#84
1,2,4-Trimethylbenzene
Concen: 50.036 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. -0.00 min
Lab File: VN064572.D
Acq: 12 Nov 2020 9:47

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.3	21.9	65.7





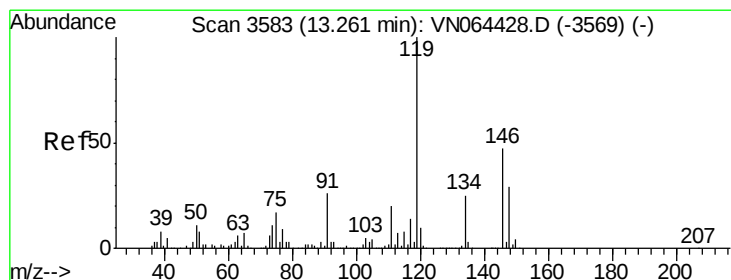
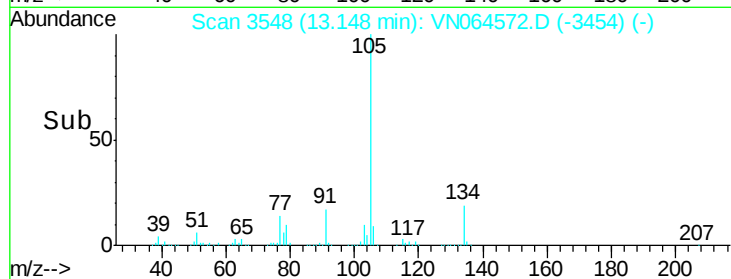
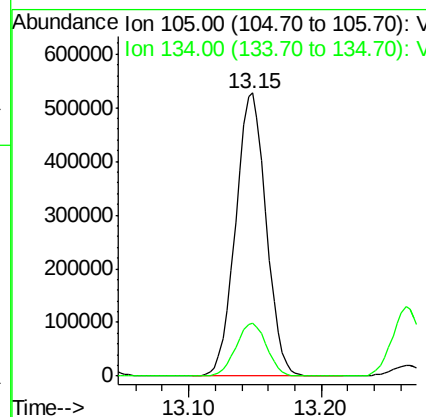
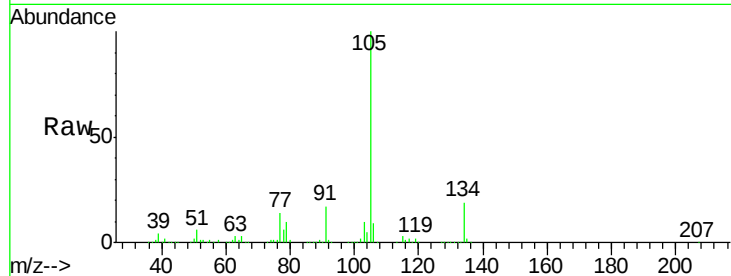
#85
 sec-Butylbenzene
 Concen: 51.252 ug/l
 RT: 13.15 min Scan# 3548
 Delta R.T. 0.00 min
 Lab File: VN064572.D
 Acq: 12 Nov 2020 9:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	18.9	9.4	28.2

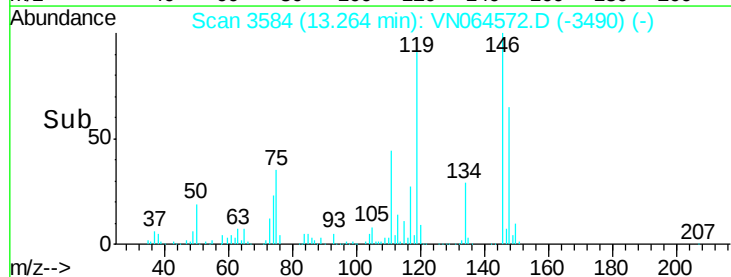
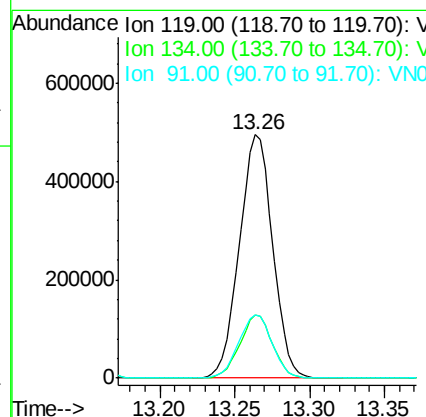
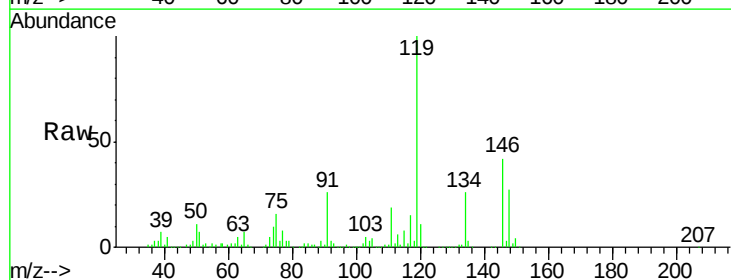
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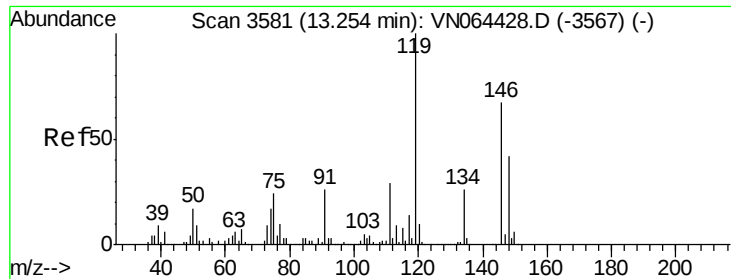
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#86
 p-Isopropyltoluene
 Concen: 52.099 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. 0.00 min
 Lab File: VN064572.D
 Acq: 12 Nov 2020 9:47

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.4	12.6	37.6
91	26.3	12.8	38.3





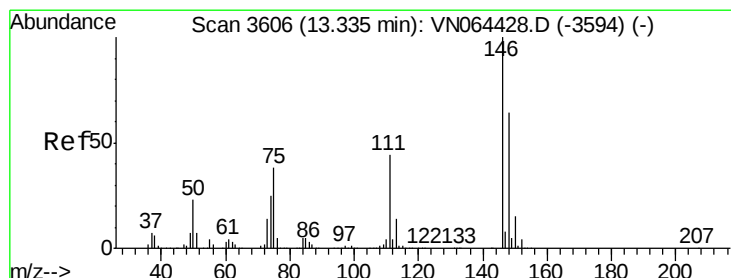
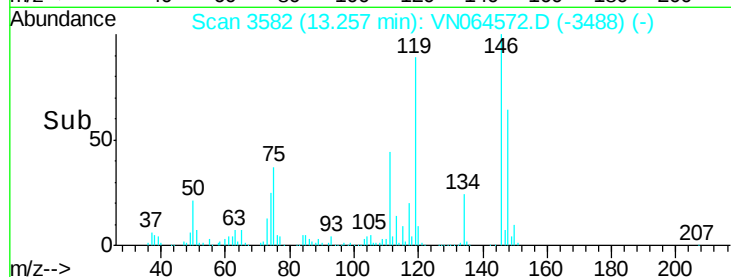
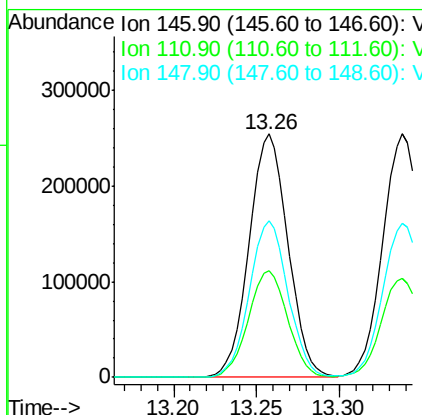
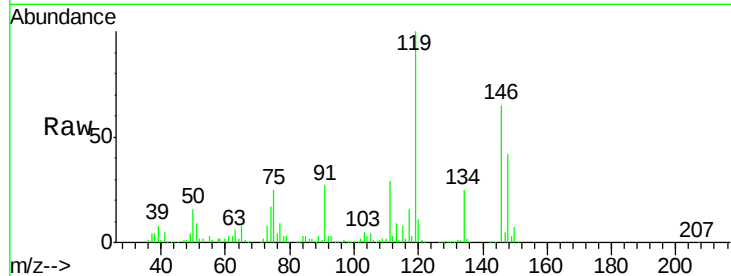
#87
 1,3-Dichlorobenzene
 Concen: 49.107 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064572.D
 Acq: 12 Nov 2020 9:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100			
111	44.3	22.1	66.1	
148	63.8	31.7	95.1	

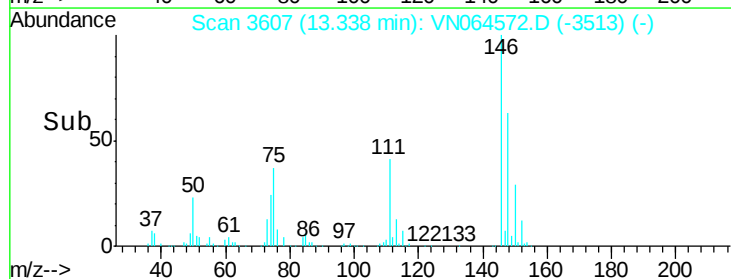
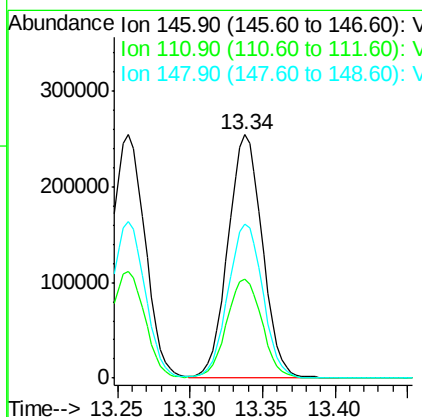
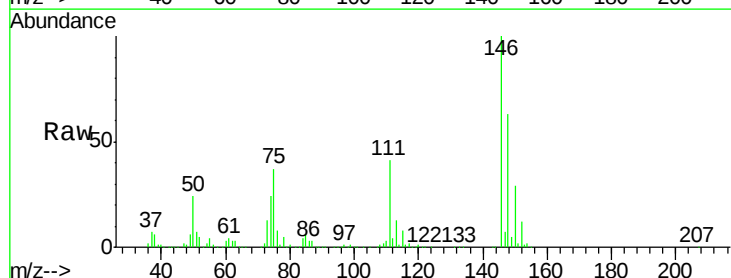
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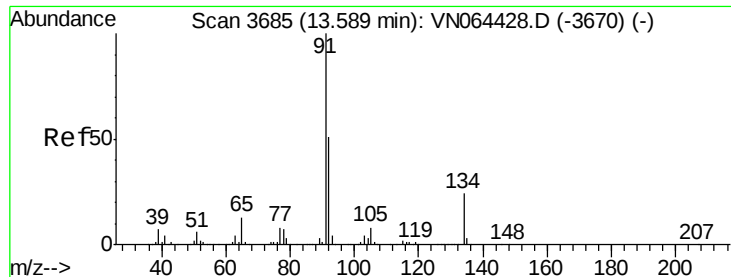
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#88
 1,4-Dichlorobenzene
 Concen: 47.905 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN064572.D
 Acq: 12 Nov 2020 9:47

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
111	41.8	21.8	65.3	
148	63.7	32.4	97.2	





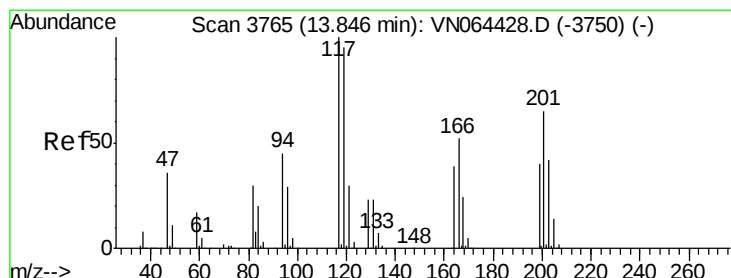
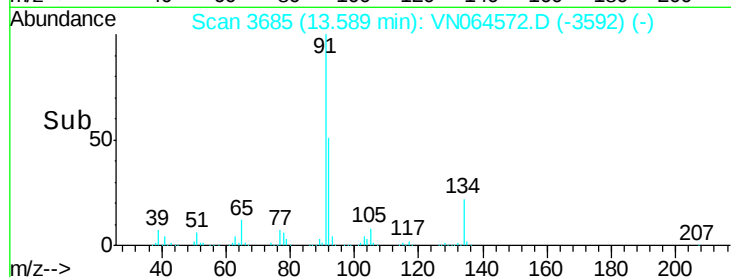
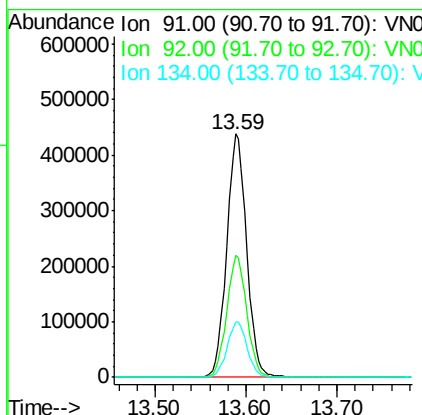
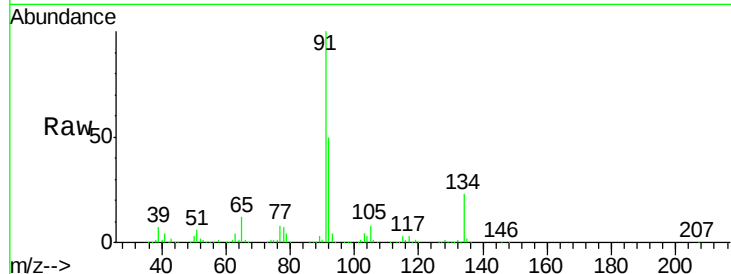
#89
n-Butylbenzene
Concen: 52.814 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN064572.D
Acq: 12 Nov 2020 9:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	50.1	25.3	75.9
134	22.9	11.8	35.4

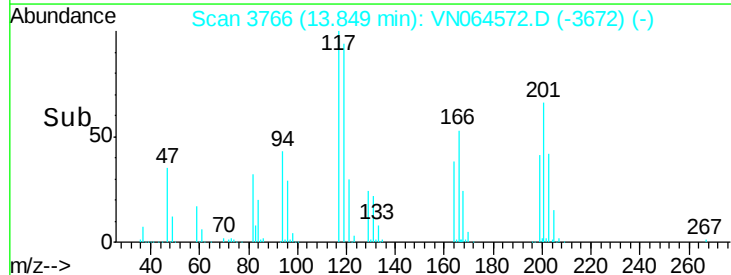
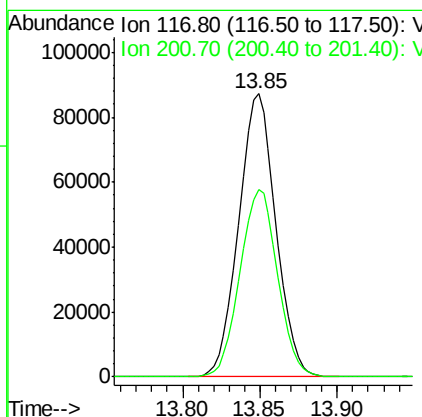
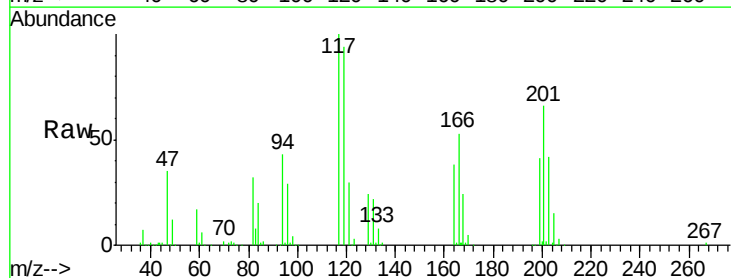
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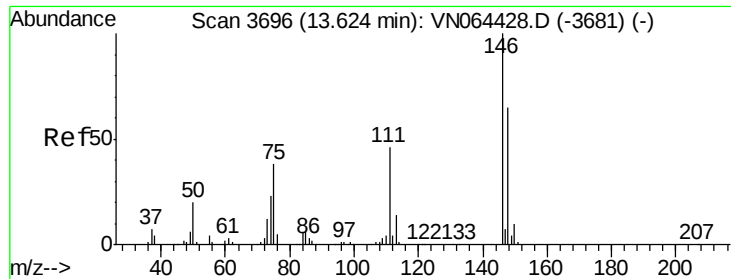
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#90
Hexachloroethane
Concen: 51.407 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN064572.D
Acq: 12 Nov 2020 9:47

Tgt Ion	Ratio	Lower	Upper
117	100		
201	67.0	32.5	97.5





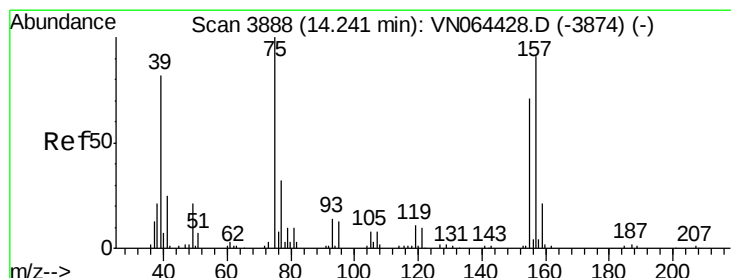
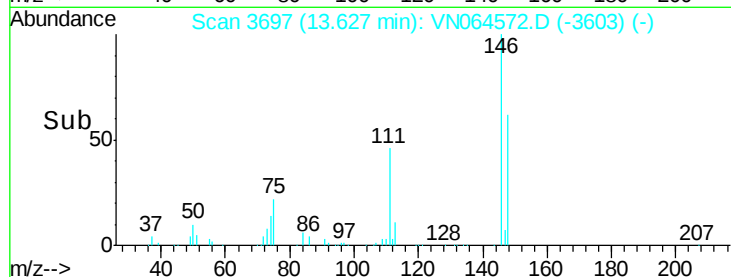
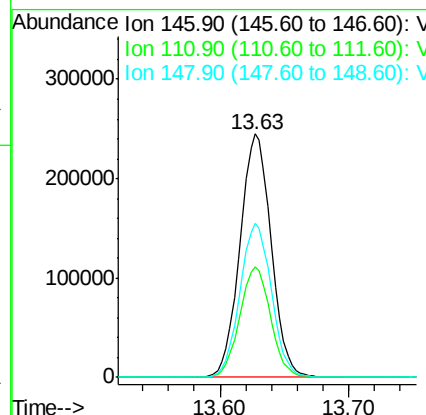
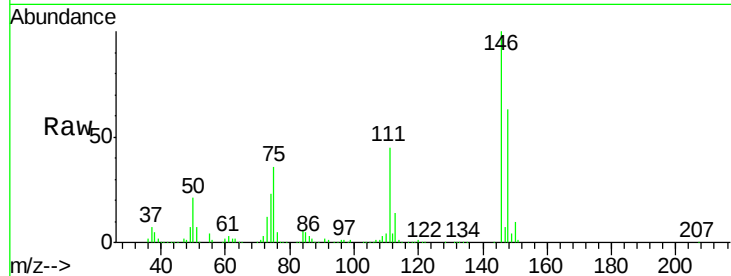
#91
 1,2-Dichlorobenzene
 Concen: 50.680 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064572.D
 Acq: 12 Nov 2020 9:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	45.0	22.9	68.7
148	64.2	32.0	96.2

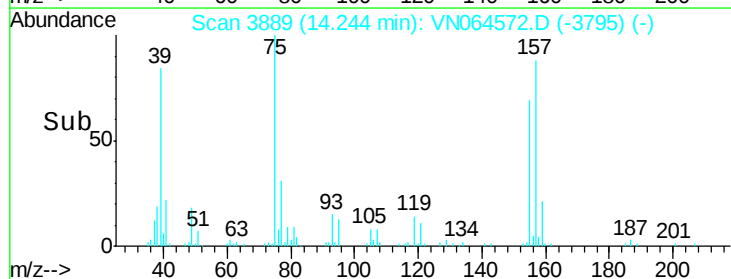
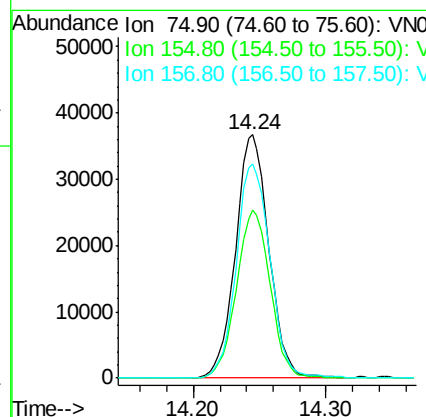
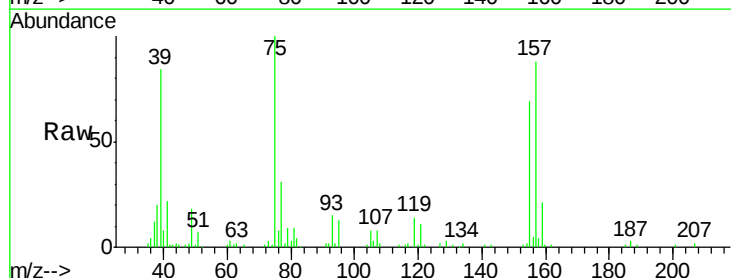
Manual Integrations
 APPROVED

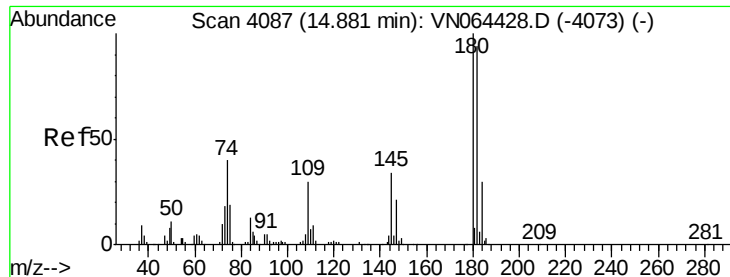
MMDadoda
 11/13/2020 11:42:09 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.483 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN064572.D
 Acq: 12 Nov 2020 9:47

Tgt Ion	Ratio	Lower	Upper
75	100		
155	69.5	34.6	103.9
157	89.3	43.0	128.8





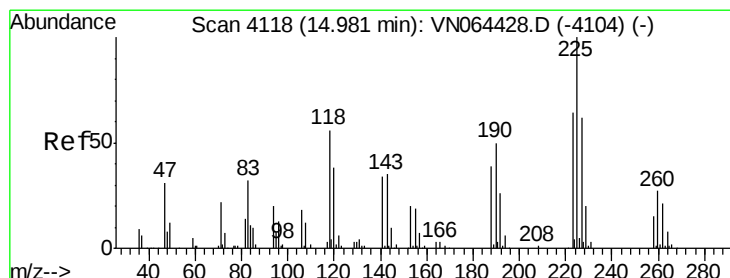
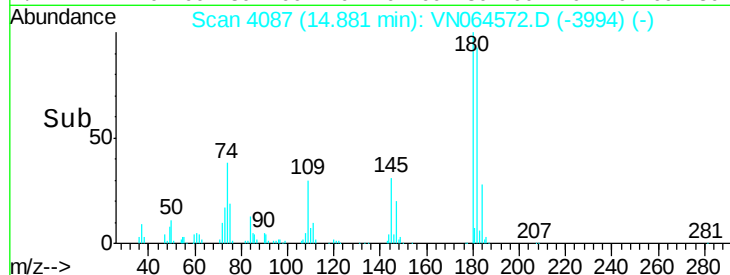
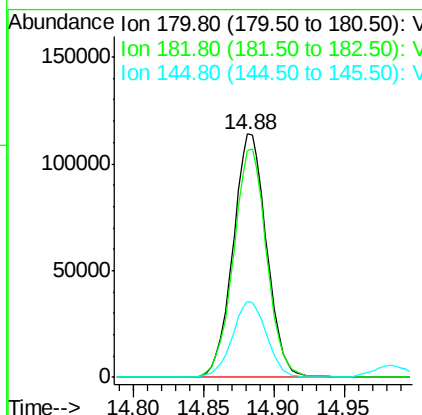
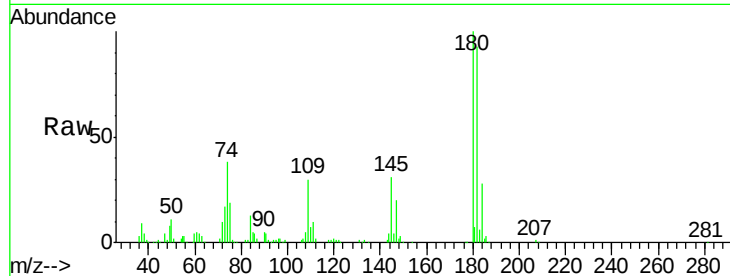
#93
1,2,4-Trichlorobenzene
Concen: 47.164 ug/l
RT: 14.88 min Scan# 4087
Delta R.T. 0.00 min
Lab File: VN064572.D
Acq: 12 Nov 2020 9:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	189847		
182	93.0	47.3	142.0	
145	32.1	16.7	50.1	

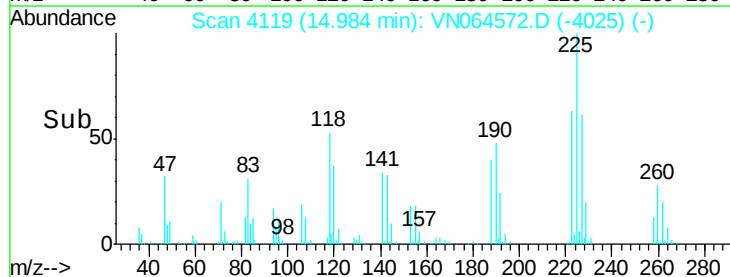
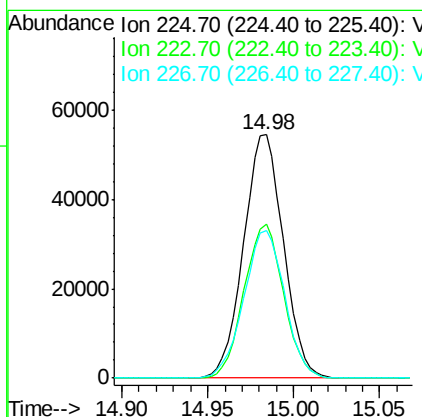
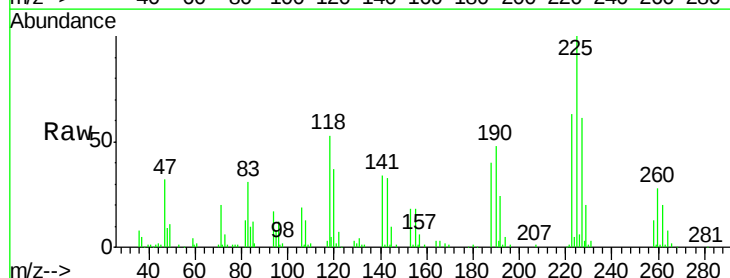
Manual Integrations
APPROVED

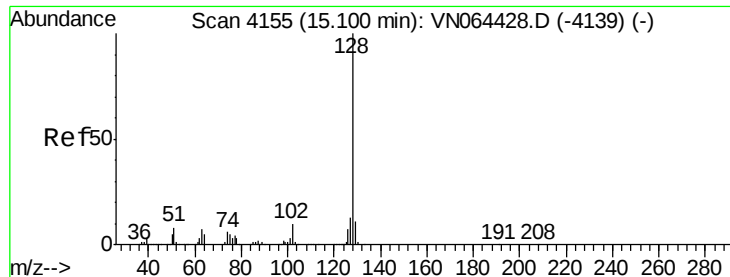
MMDadoda
11/13/2020 11:42:09 AM



#94
Hexachlorobutadiene
Concen: 53.171 ug/l
RT: 14.98 min Scan# 4119
Delta R.T. 0.00 min
Lab File: VN064572.D
Acq: 12 Nov 2020 9:47

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	87922		
223	62.6	31.8	95.4	
227	62.0	31.8	95.4	





#95

Naphthalene

Concen: 43.664 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN064572.D

Acq: 12 Nov 2020 9:47

Instrument :

MSVOA_N

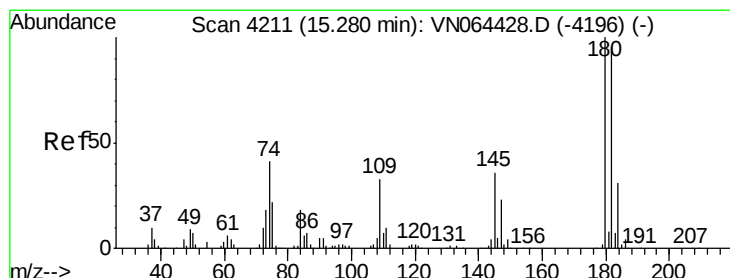
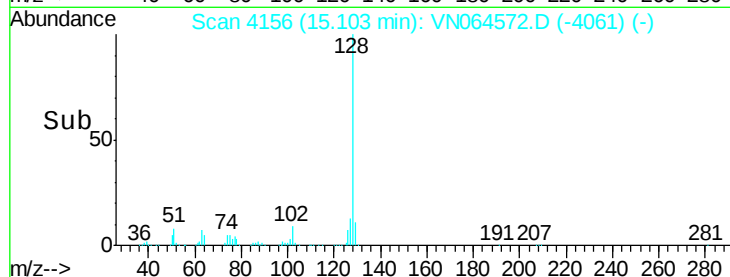
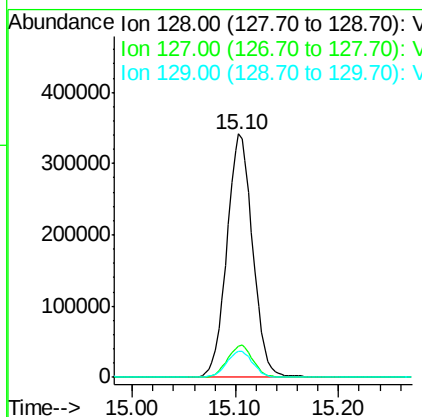
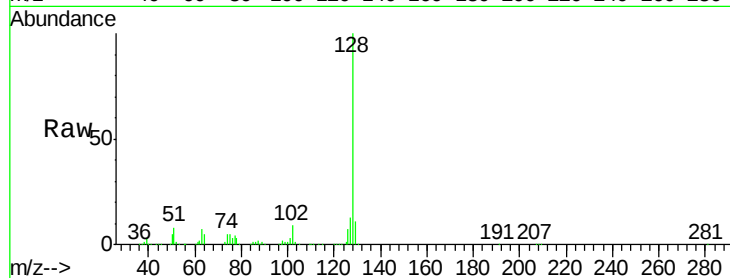
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	595945
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.5	15.7
129	10.9	8.8	13.2

Manual Integrations
APPROVED

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11/13/2020 11:42:09 AM



#96

1,2,3-Trichlorobenzene

Concen: 47.622 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN064572.D

Acq: 12 Nov 2020 9:47

Tgt Ion:	180	Resp:	185538
Ion Ratio	Lower	Upper	
180	100		
182	96.5	47.7	143.1
145	35.0	18.3	54.8

