

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110420\
 Data File : VN064428.D
 Acq On : 4 Nov 2020 11:00
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 11/5/2020 2:19:16 PM

Quant Time: Nov 04 11:43:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 11:31:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	333986	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	589147	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	553815	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	256506	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	280208	51.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.56%	
35) Dibromofluoromethane	7.55	113	192628	49.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.00%	
50) Toluene-d8	10.06	98	750955	50.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.78%	
62) 4-Bromofluorobenzene	12.37	95	290239	50.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	231103	58.510	ug/l	100
3) Chloromethane	2.04	50	271781	62.011	ug/l	100
4) Vinyl Chloride	2.17	62	283239	66.301	ug/l	100
5) Bromomethane	2.53	94	182242	65.089	ug/l	100
6) Chloroethane	2.67	64	180180	69.135	ug/l	100
7) Trichlorofluoromethane	2.99	101	420290	60.102	ug/l	100
8) Diethyl Ether	3.37	74	147065	65.309	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.71	101	195915	56.482	ug/l	100
10) Methyl Iodide	3.91	142	238885	52.776	ug/l	100
11) Tert butyl alcohol	4.74	59	175790	231.525	ug/l	100
12) 1,1-Dichloroethene	3.70	96	188468	57.536	ug/l	100
13) Acrolein	3.57	56	100007	434.860	ug/l	100
14) Allyl chloride	4.27	41	373521	55.972	ug/l	100
15) Acrylonitrile	4.93	53	507951	296.325	ug/l	100
16) Acetone	3.78	43	595851	292.948	ug/l	100
17) Carbon Disulfide	4.01	76	568278	58.157	ug/l	100
18) Methyl Acetate	4.28	43	221028	54.077	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	698332	55.964	ug/l	100
20) Methylene Chloride	4.51	84	223115	57.050	ug/l	100
21) trans-1,2-Dichloroethene	4.99	96	216091	58.580	ug/l	100
22) Diisopropyl ether	5.90	45	814256	61.269	ug/l	100
23) Vinyl Acetate	5.85	43	3426869	308.218	ug/l	100
24) 1,1-Dichloroethane	5.80	63	435661	59.106	ug/l	100
25) 2-Butanone	6.79	43	795756	288.478	ug/l	100
26) 2,2-Dichloropropane	6.78	77	393372	55.330	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	250871	59.556	ug/l	100
28) Bromochloromethane	7.15	49	177160	51.724	ug/l	100
29) Tetrahydrofuran	7.17	42	479098	271.406	ug/l	100
30) Chloroform	7.33	83	459798	58.434	ug/l	100
31) Cyclohexane	7.61	56	365268	56.445	ug/l	100
32) 1,1,1-Trichloroethane	7.53	97	403730	54.341	ug/l	100
36) 1,1-Dichloropropene	7.75	75	338424	55.710	ug/l	100
37) Ethyl Acetate	6.88	43	326247	53.835	ug/l	100
38) Carbon Tetrachloride	7.73	117	356854	51.804	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	305808	51.616	ug/l	100
40) Benzene	8.00	78	970409	57.025	ug/l	100
41) Methacrylonitrile	7.12	41	133158	45.113	ug/l	100
42) 1,2-Dichloroethane	8.08	62	396829	54.769	ug/l	100
43) Isopropyl Acetate	8.13	43	555241	53.701	ug/l	100
44) Trichloroethene	8.80	130	244904	55.748	ug/l	100
45) 1,2-Dichloropropane	9.08	63	264228	57.889	ug/l	100
46) Dibromomethane	9.17	93	171895	54.861	ug/l	100
47) Bromodichloromethane	9.37	83	371214	53.354	ug/l	100
48) Methyl methacrylate	9.16	41	280123	52.450	ug/l	100
49) 1,4-Dioxane	9.17	88	73256	951.982	ug/l	100
51) 4-Methyl-2-Pentanone	9.95	43	1676966	277.476	ug/l	100
52) Toluene	10.12	92	613110	57.193	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	414214	55.988	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	432844	56.879	ug/l	100
55) 1,1,2-Trichloroethane	10.53	97	236319	56.130	ug/l	100
56) Ethyl methacrylate	10.40	69	359663	56.672	ug/l	100
57) 1,3-Dichloropropane	10.68	76	412209	57.411	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	667900	202.278	ug/l	100
59) 2-Hexanone	10.72	43	1245519	280.407	ug/l	100
60) Dibromochloromethane	10.87	129	271479	55.382	ug/l	100
61) 1,2-Dibromoethane	10.97	107	244982	57.462	ug/l	100
64) Tetrachloroethene	10.60	164	226386	49.808	ug/l	100
65) Chlorobenzene	11.41	112	643709	56.194	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	244319	53.310	ug/l	100
67) Ethyl Benzene	11.48	91	1206226	56.684	ug/l	100
68) m/p-Xylenes	11.60	106	881620	111.967	ug/l	100
69) o-Xylene	11.92	106	422232	55.600	ug/l	100
70) Styrene	11.94	104	729485	58.609	ug/l	100
71) Bromoform	12.10	173	174872	49.627	ug/l #	100
73) Isopropylbenzene	12.22	105	1100602	56.064	ug/l	100
74) N-amyl acetate	12.04	43	500664	58.093	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.48	83	320663	55.940	ug/l	100
76) 1,2,3-Trichloropropane	12.52	75	334098m	54.337	ug/l	
77) Bromobenzene	12.50	156	257518	54.046	ug/l	100
78) n-propylbenzene	12.56	91	1272368	57.262	ug/l	100
79) 2-Chlorotoluene	12.65	91	769891	54.405	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	918355	55.549	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	121227	56.072	ug/l	100
82) 4-Chlorotoluene	12.75	91	829519	57.181	ug/l	100
83) tert-Butylbenzene	12.97	119	705541	52.499	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	939732	56.808	ug/l	100
85) sec-Butylbenzene	13.14	105	924059	52.953	ug/l	100
86) p-Isopropyltoluene	13.26	119	838293	53.477	ug/l	100
87) 1,3-Dichlorobenzene	13.25	146	461811	55.145	ug/l	100
88) 1,4-Dichlorobenzene	13.33	146	460722	54.011	ug/l	100
89) n-Butylbenzene	13.59	91	727712	52.633	ug/l	100
90) Hexachloroethane	13.85	117	156269	53.403	ug/l	100
91) 1,2-Dichlorobenzene	13.62	146	449967	54.022	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	69263	50.431	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	204034	50.961	ug/l	100
94) Hexachlorobutadiene	14.98	225	88853	36.758	ug/l	100
95) Naphthalene	15.10	128	674795	53.801	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	193054	49.928	ug/l	100

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

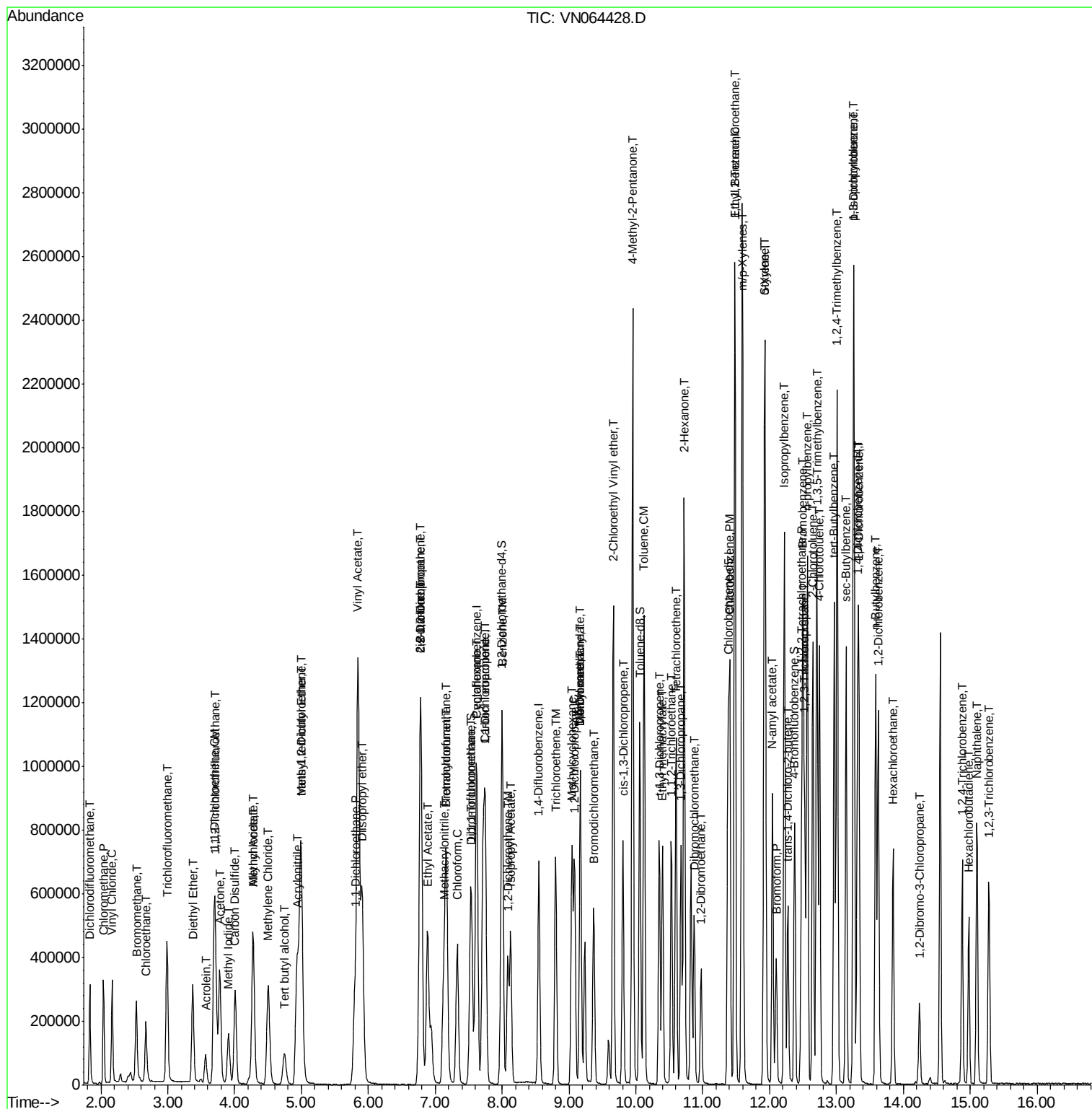
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN110420\
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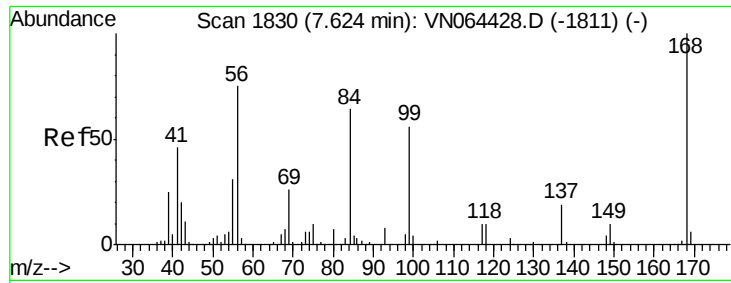
Instrument :
MSVOA_N
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN064428.D

Acq: 4 Nov 2020 11:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion:168 Resp: 333986

Ion Ratio Lower Upper

168 100

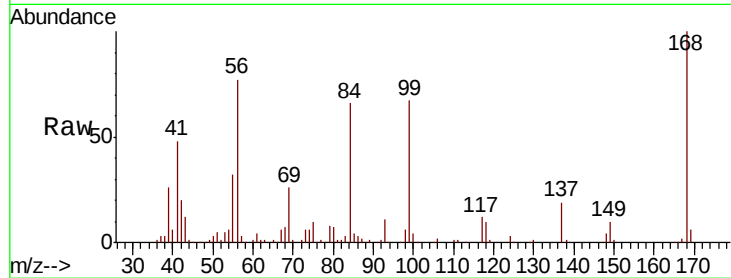
99 66.8 53.4 80.2

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.62

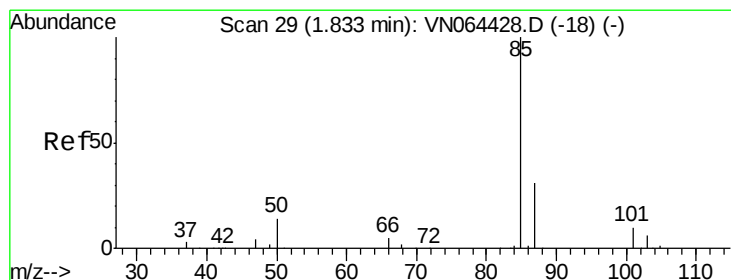
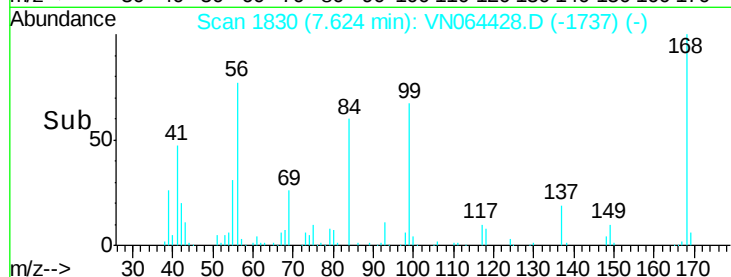
150000

100000

50000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 58.510 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064428.D

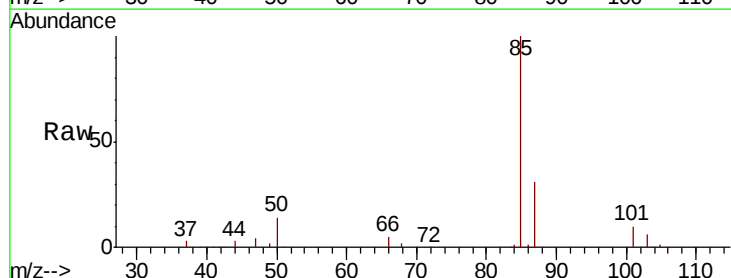
Acq: 4 Nov 2020 11:00

Tgt Ion: 85 Resp: 231103

Ion Ratio Lower Upper

85 100

87 31.4 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

200000

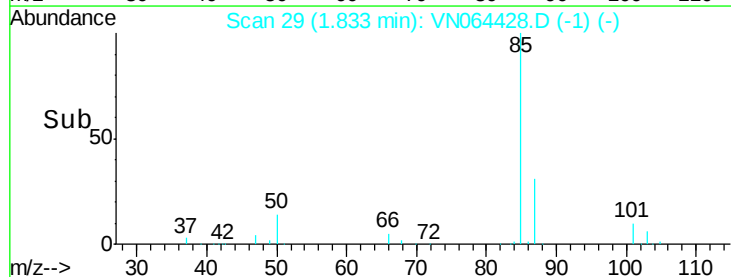
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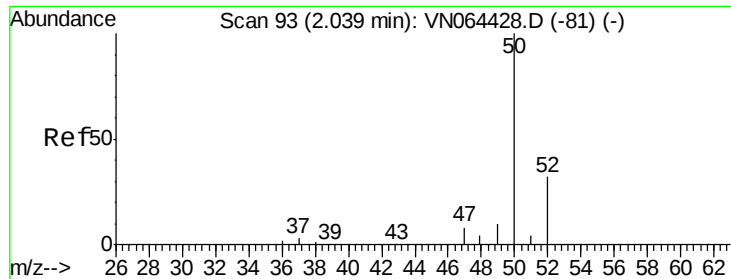
100000

50000

0

Time--> 1.75 1.80 1.85 1.90





#3

Chloromethane

Concen: 62.011 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN064428.D

Acq: 4 Nov 2020 11:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion: 50 Resp: 271781

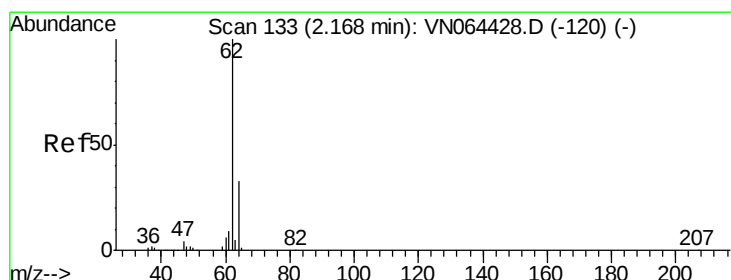
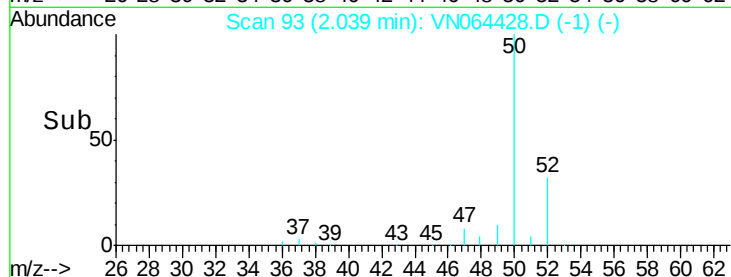
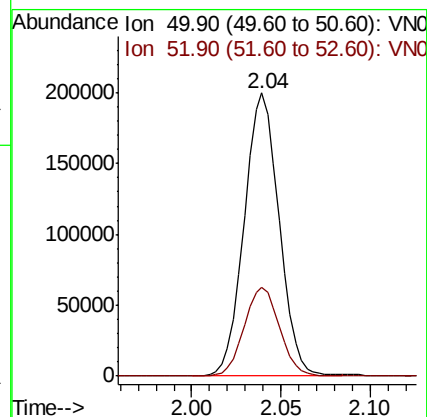
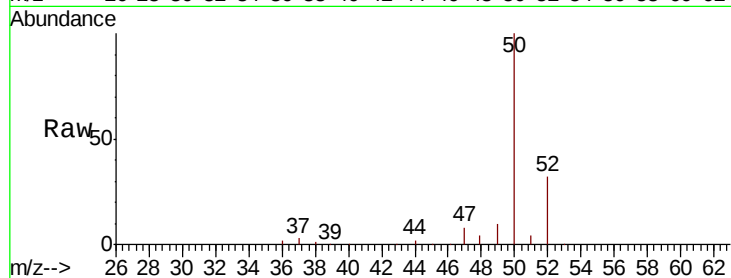
Ion Ratio Lower Upper

50 100

52 31.6 25.3 37.9

Manual Integrations
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#4

Vinyl Chloride

Concen: 66.301 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.00 min

Lab File: VN064428.D

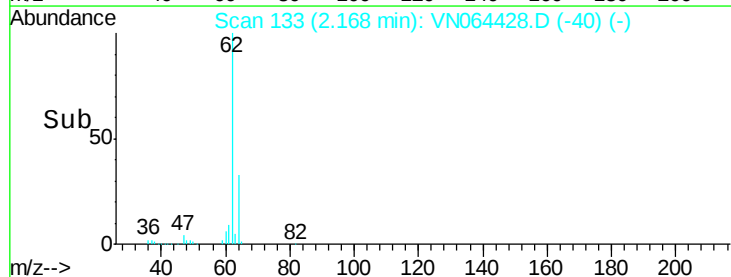
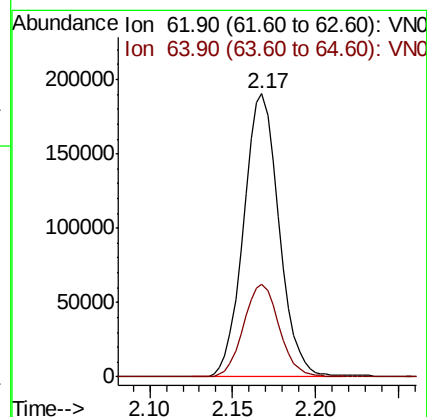
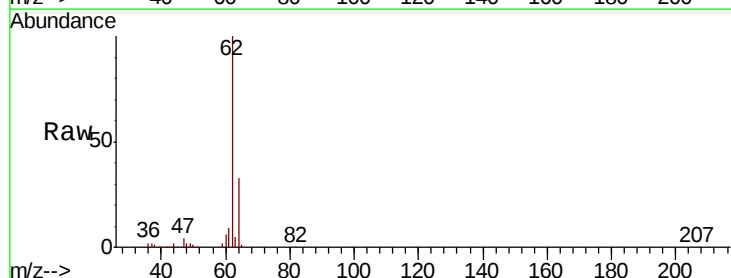
Acq: 4 Nov 2020 11:00

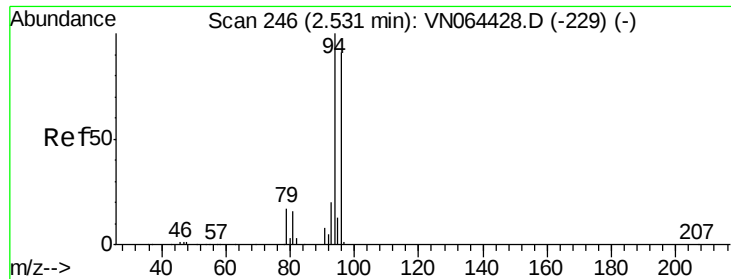
Tgt Ion: 62 Resp: 283239

Ion Ratio Lower Upper

62 100

64 32.9 26.3 39.5





#5

Bromomethane

Concen: 65.089 ug/l

RT: 2.53 min Scan# 246

Delta R.T. 0.00 min

Lab File: VN064428.D

Acq: 4 Nov 2020 11:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion: 94 Resp: 182242

Ion Ratio Lower Upper

94 100

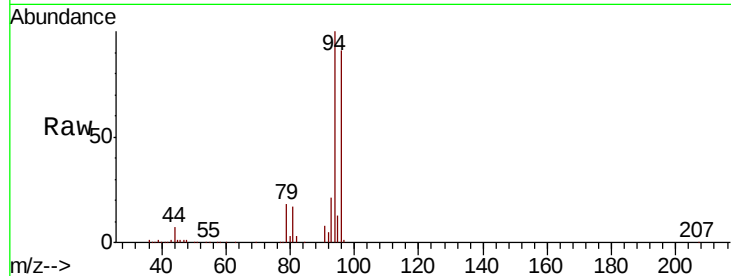
96 91.4 73.1 109.7

Manual Integrations

APPROVED

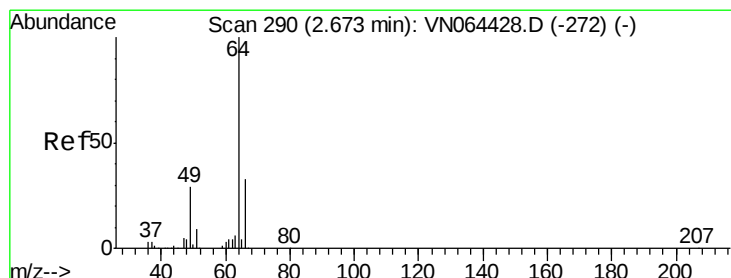
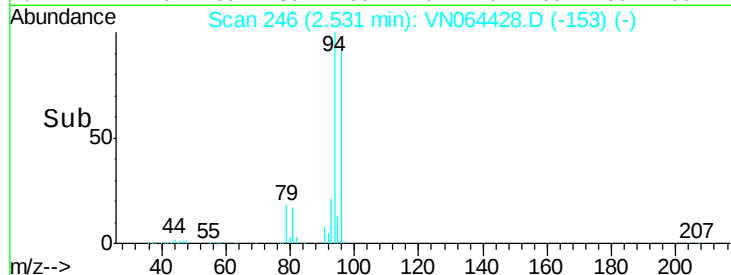
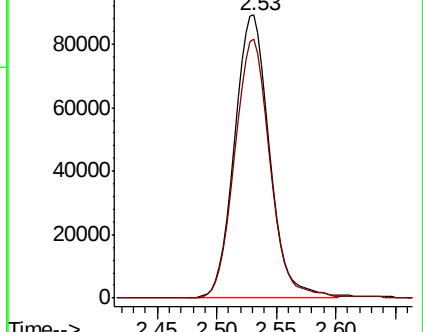
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Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO



#6

Chloroethane

Concen: 69.135 ug/l

RT: 2.67 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN064428.D

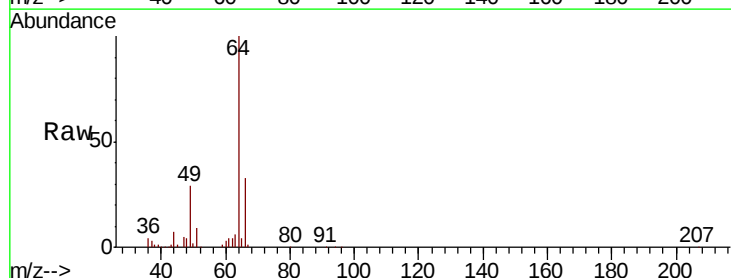
Acq: 4 Nov 2020 11:00

Tgt Ion: 64 Resp: 180180

Ion Ratio Lower Upper

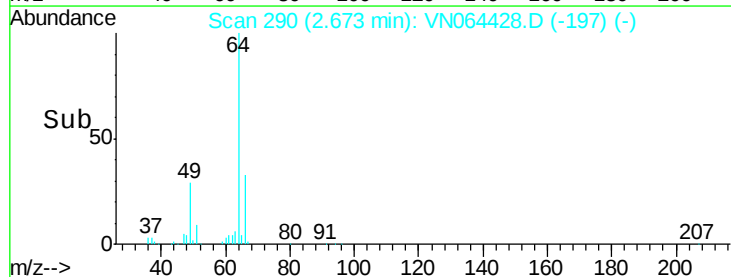
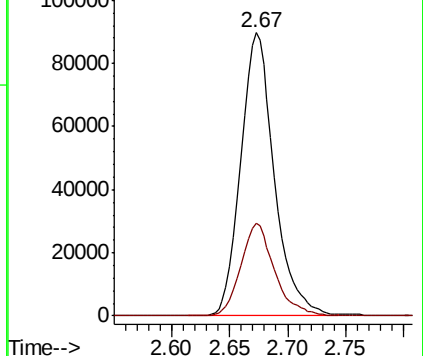
64 100

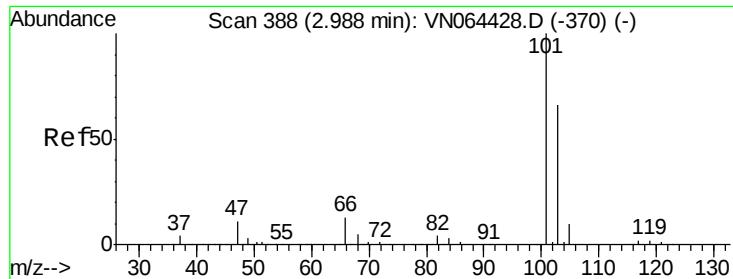
66 32.6 26.1 39.1



Abundance Ion 63.90 (63.60 to 64.60): VNO

Ion 65.90 (65.60 to 66.60): VNO





#7

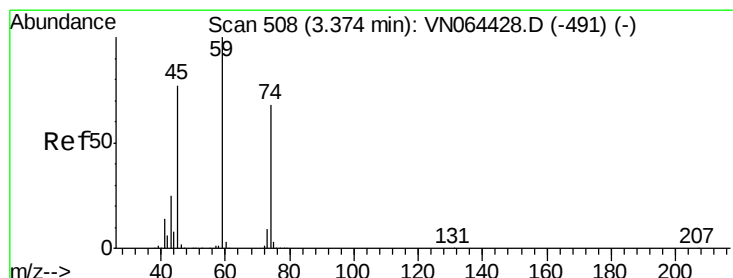
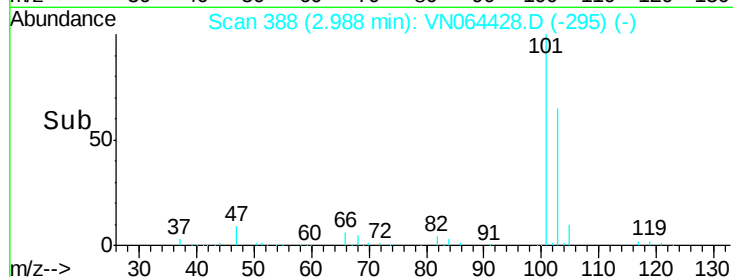
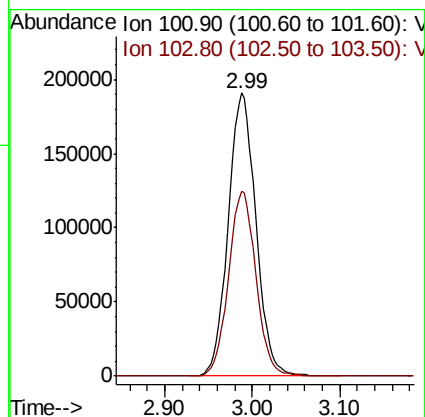
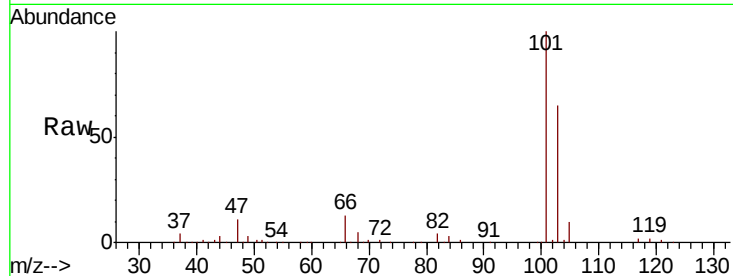
Trichlorofluoromethane
 Concen: 60.102 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: VN064428.D
 Acq: 4 Nov 2020 11:00

Instrument :
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 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.5	52.4	78.6

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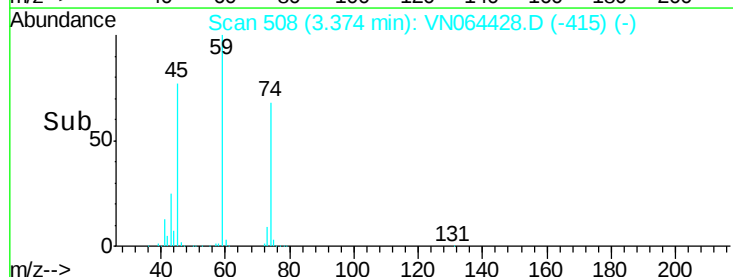
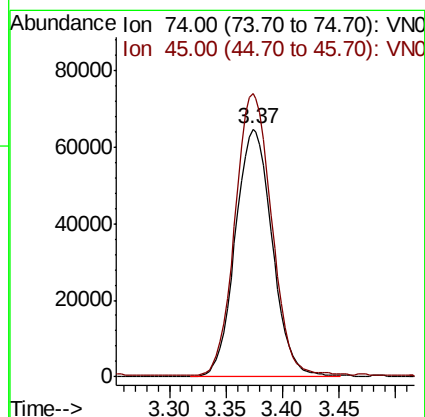
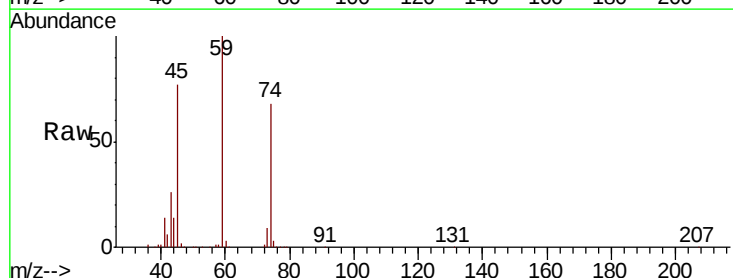
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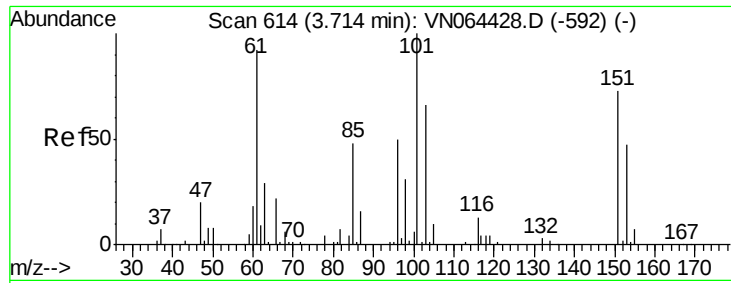


#8

Diethyl Ether
 Concen: 65.309 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: VN064428.D
 Acq: 4 Nov 2020 11:00

Tgt Ion	Ratio	Lower	Upper
74	100		
45	111.7	55.9	167.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 56.482 ug/l

RT: 3.71 min Scan# 614

Delta R.T. 0.00 min

Lab File: VN064428.D

Acq: 4 Nov 2020 11:00

Instrument :

MSVOA_N

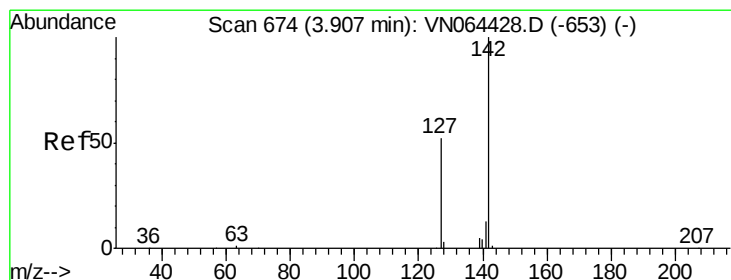
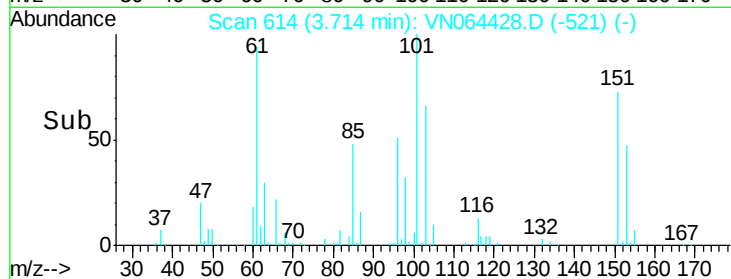
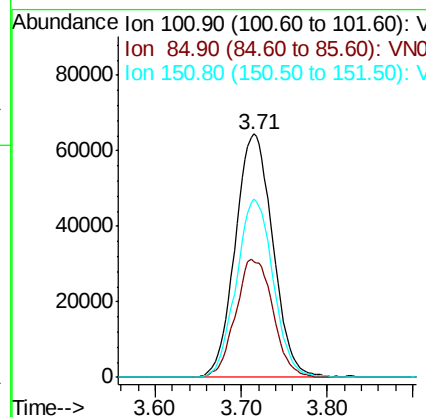
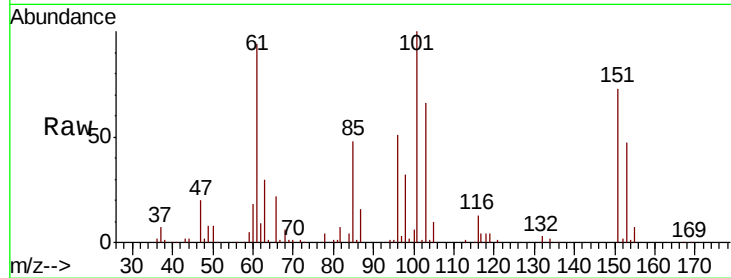
ClientSampleId :

VSTDICCC050

Tot Ion:	101	Resp:	195915
Ion Ratio	Lower	Upper	
101	100		
85	48.2	38.6	57.8
151	71.9	57.5	86.3

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#10

Methyl Iodide

Concen: 52.776 ug/l

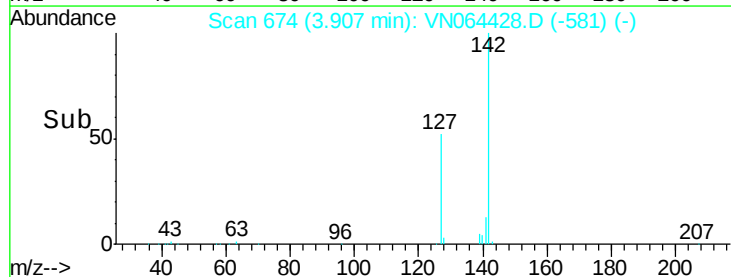
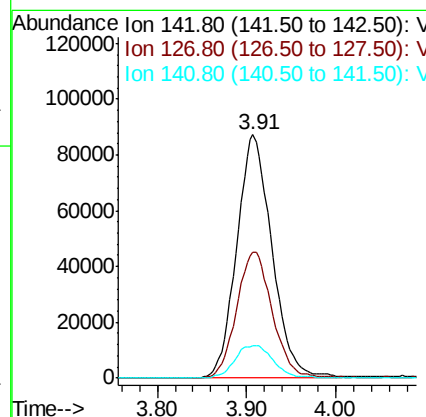
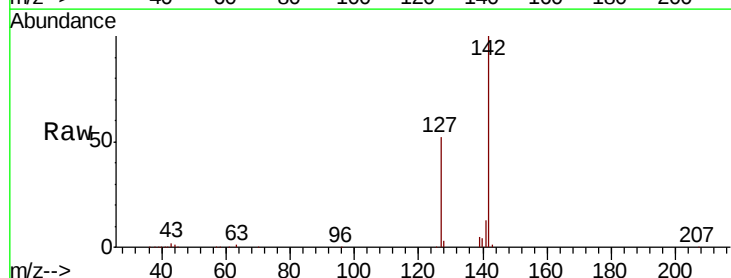
RT: 3.91 min Scan# 674

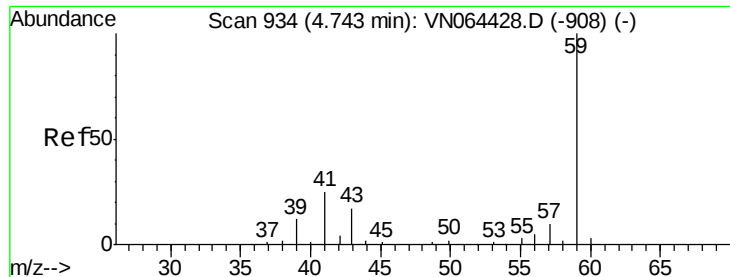
Delta R.T. 0.00 min

Lab File: VN064428.D

Acq: 4 Nov 2020 11:00

Tgt Ion:	142	Resp:	238885
Ion Ratio	Lower	Upper	
142	100		
127	52.3	41.8	62.8
141	14.3	11.4	17.2





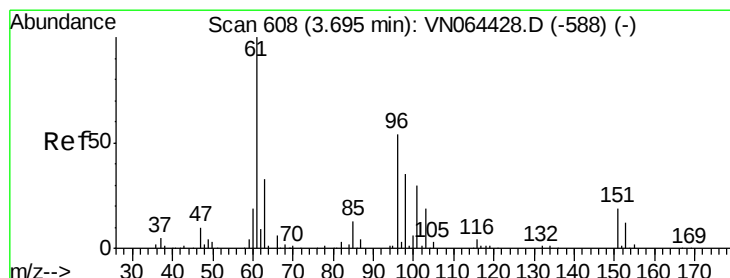
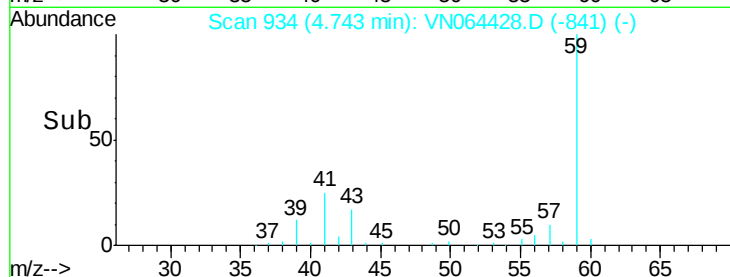
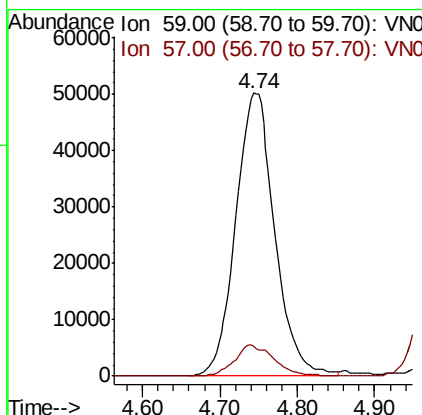
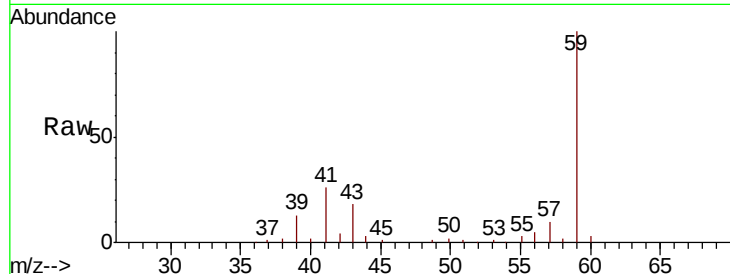
#11
Tert butyl alcohol
Concen: 231.525 ug/l
RT: 4.74 min Scan# 934
Delta R.T. 0.00 min
Lab File: VN064428.D
Acq: 4 Nov 2020 11:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.2	9.0	13.4

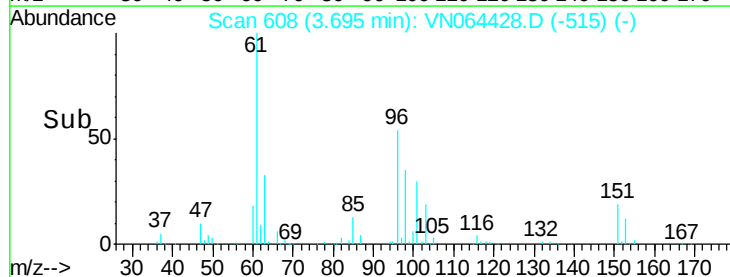
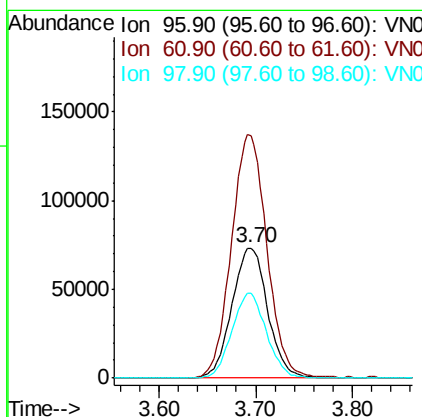
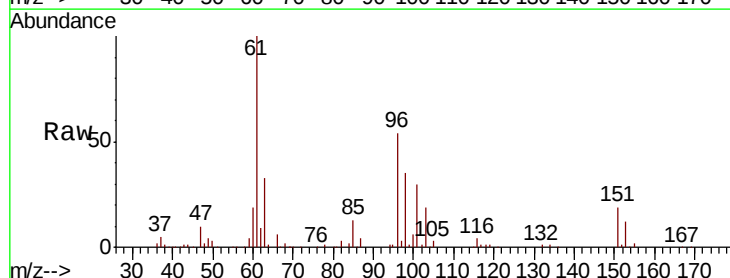
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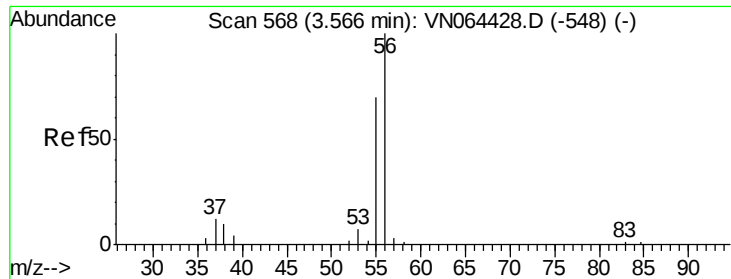
MMDadoda
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#12
1,1-Dichloroethene
Concen: 57.536 ug/l
RT: 3.70 min Scan# 608
Delta R.T. 0.00 min
Lab File: VN064428.D
Acq: 4 Nov 2020 11:00

Tgt Ion	Ratio	Lower	Upper
96	100		
61	186.9	149.5	224.3
98	65.5	52.4	78.6





#13

Acrolein

Concen: 434.860 ug/l

RT: 3.57 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN064428.D

Acq: 4 Nov 2020 11:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion: 56 Resp: 100007

Ion Ratio Lower Upper

56 100

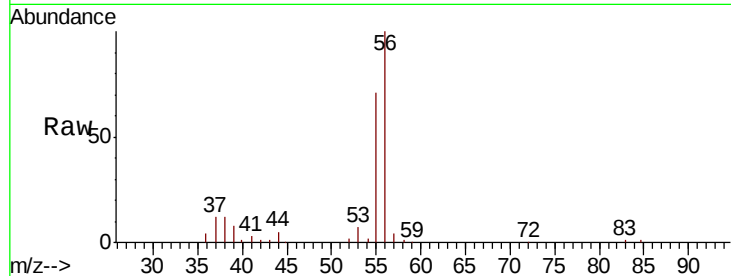
55 69.9 55.9 83.9

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Abundance Ion 56.00 (55.70 to 56.70): VN064428.D (-548) (-)

Ion 55.00 (54.70 to 55.70): VN064428.D (-548) (-)

3.57

40000

30000

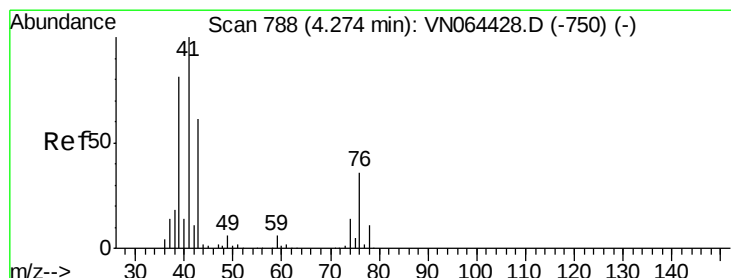
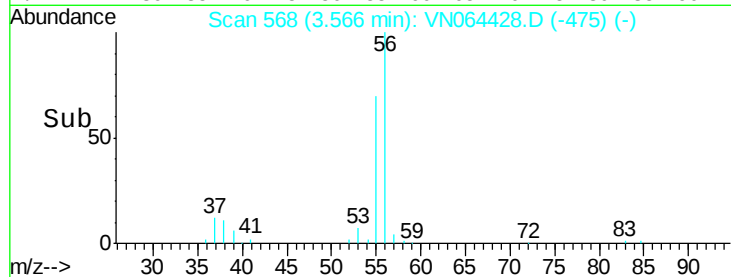
20000

10000

0

Time-->

3.50 3.55 3.60 3.65 3.70



#14

Allyl chloride

Concen: 55.972 ug/l

RT: 4.27 min Scan# 788

Delta R.T. 0.00 min

Lab File: VN064428.D

Acq: 4 Nov 2020 11:00

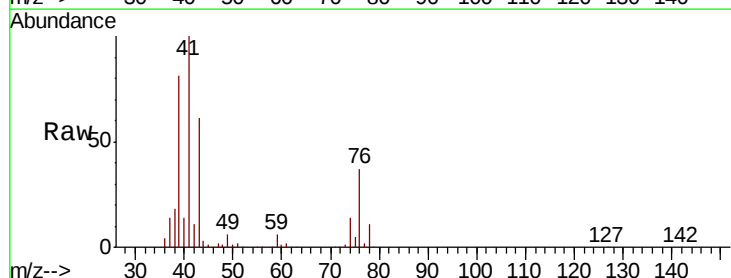
Tgt Ion: 41 Resp: 373521

Ion Ratio Lower Upper

41 100

39 77.3 61.8 92.8

76 31.7 25.4 38.0



Abundance Ion 41.00 (40.70 to 41.70): VN064428.D (-750) (-)

Ion 39.00 (38.70 to 39.70): VN064428.D (-750) (-)

Ion 75.90 (75.60 to 76.60): VN064428.D (-750) (-)

4.27

150000

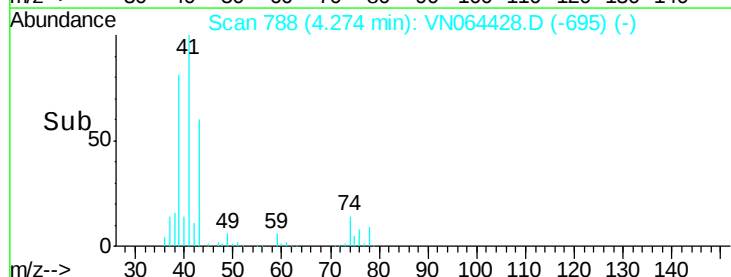
100000

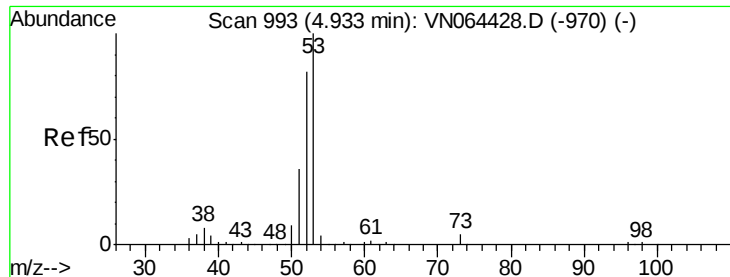
50000

0

Time-->

4.10 4.15 4.20 4.25 4.30 4.35 4.40





#15

Acrylonitrile

Concen: 296.325 ug/l

RT: 4.93 min Scan# 993

Delta R.T. 0.00 min

Lab File: VN064428.D

Acq: 4 Nov 2020 11:00

Instrument :

MSVOA_N

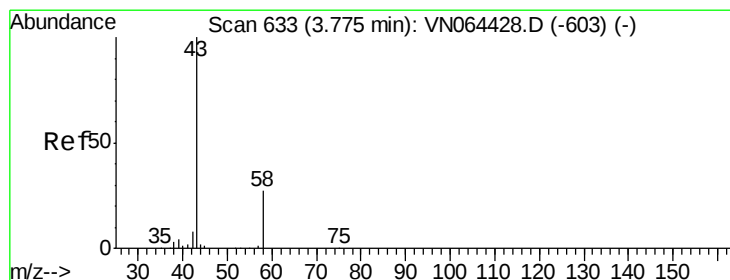
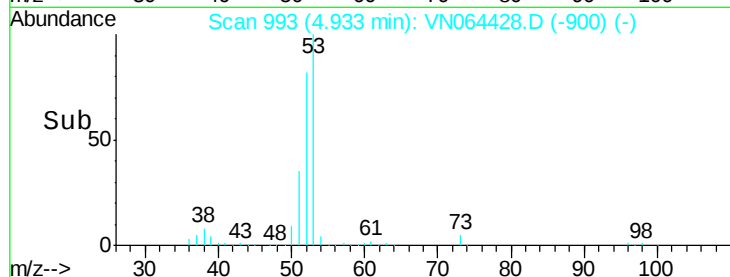
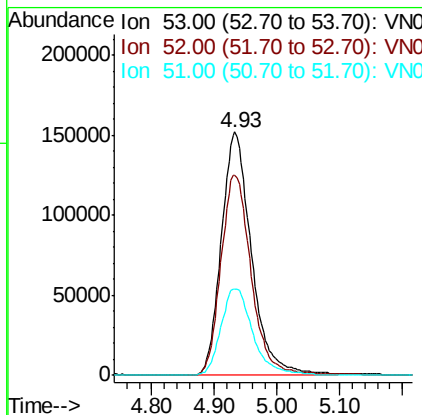
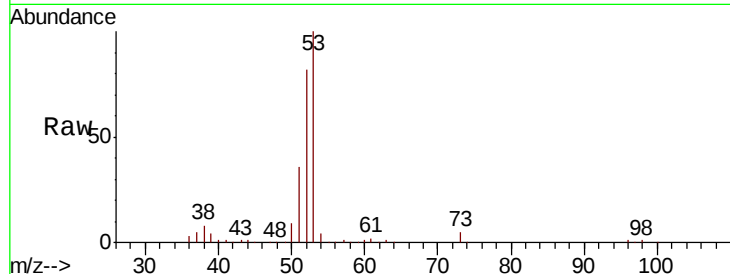
ClientSampleId :

VSTDICCC050

Tot Ion:	53	Resp:	507951
Ion	Ratio	Lower	Upper
53	100		
52	82.0	65.6	98.4
51	37.4	29.9	44.9

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#16

Acetone

Concen: 292.948 ug/l

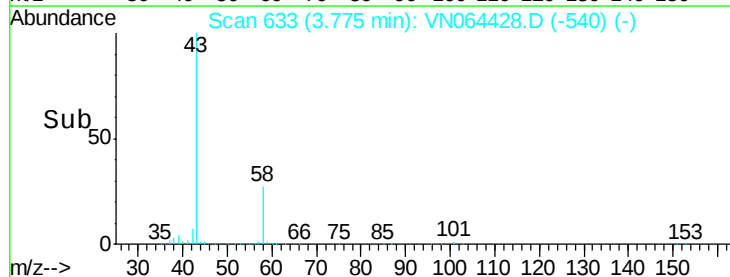
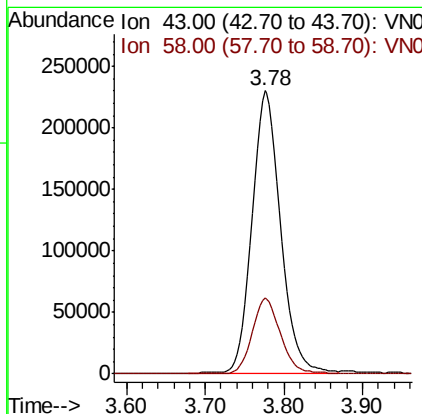
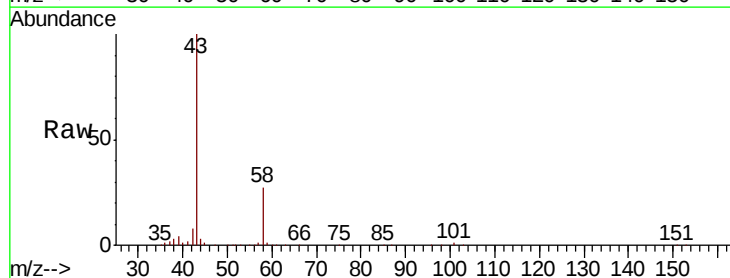
RT: 3.78 min Scan# 633

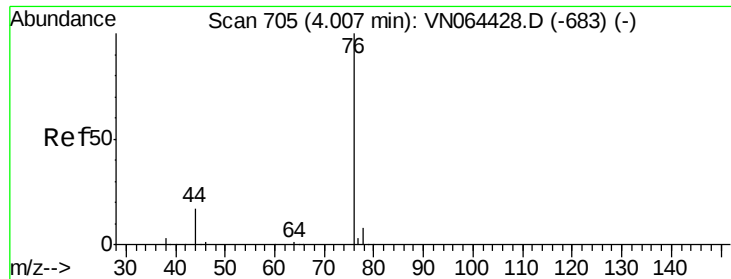
Delta R.T. 0.00 min

Lab File: VN064428.D

Acq: 4 Nov 2020 11:00

Tgt Ion:	43	Resp:	595851
Ion	Ratio	Lower	Upper
43	100		
58	26.7	21.4	32.0





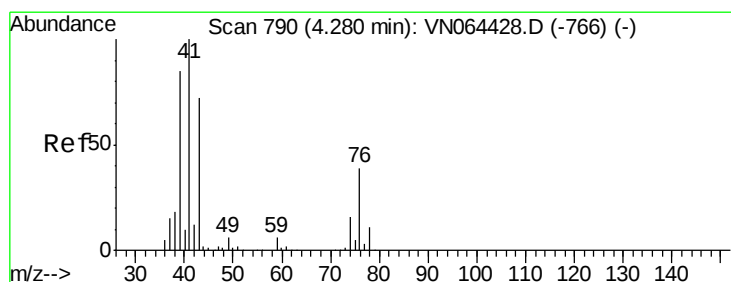
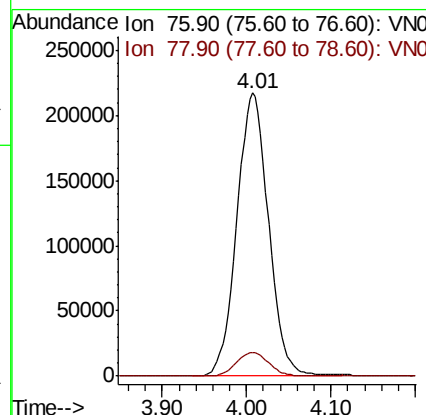
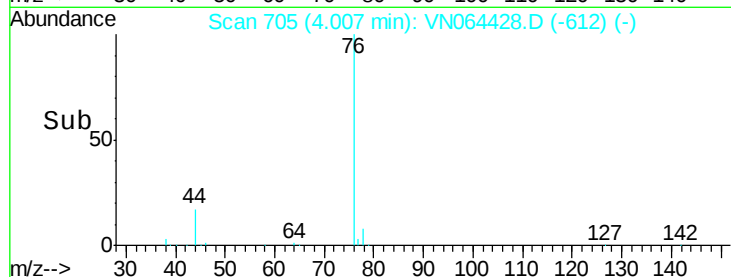
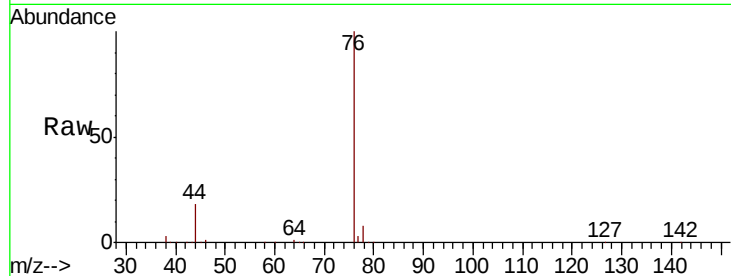
#17
Carbon Disulfide
Concen: 58.157 ug/l
RT: 4.01 min Scan# 705
Delta R.T. 0.00 min
Lab File: VN064428.D
Acq: 4 Nov 2020 11:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.5	6.8	10.2

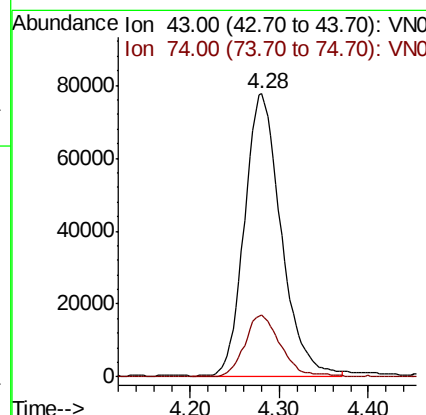
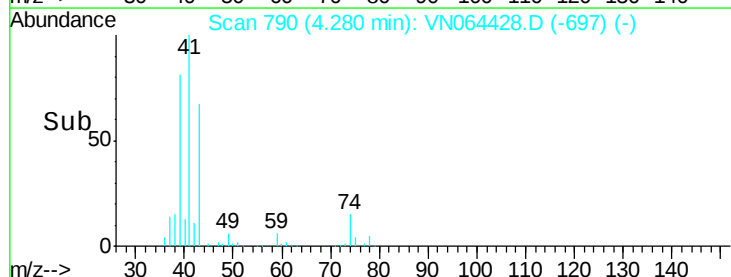
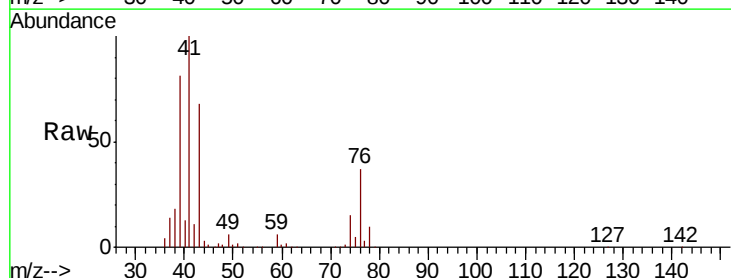
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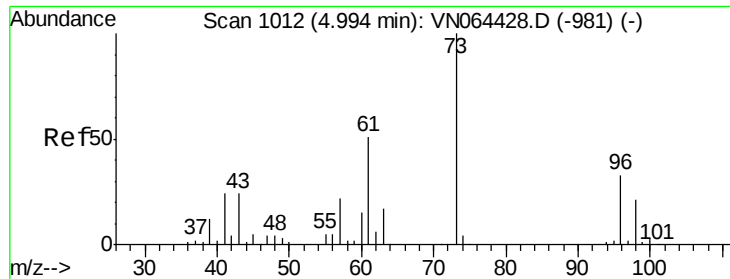
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#18
Methyl Acetate
Concen: 54.077 ug/l
RT: 4.28 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN064428.D
Acq: 4 Nov 2020 11:00

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.2	17.0	25.4





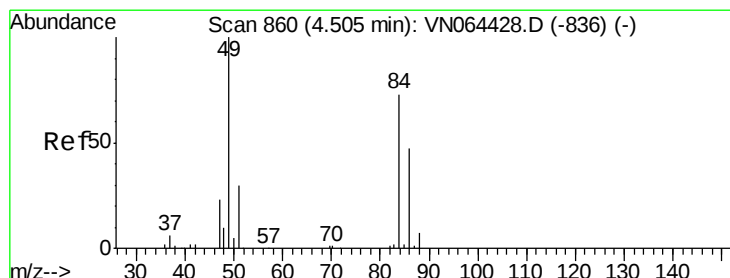
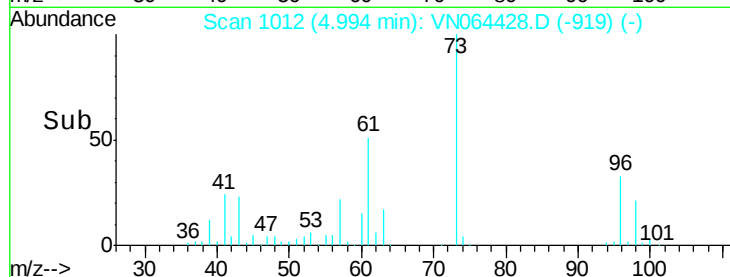
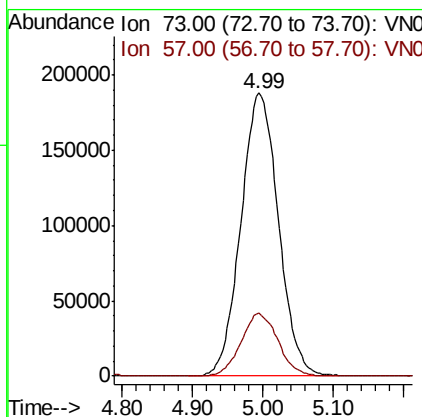
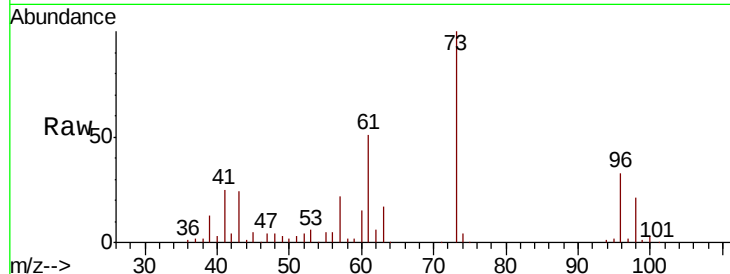
#19
Methvl tert-butvl Ether
Concen: 55.964 ug/l
RT: 4.99 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VN064428.D
Acq: 4 Nov 2020 11:00

Instrument :
MSVOA_N
ClientSampled :
VSTDICCC050

Tot Ion: 73 Resp: 698332
Ion Ratio Lower Upper
73 100
57 22.1 17.7 26.5

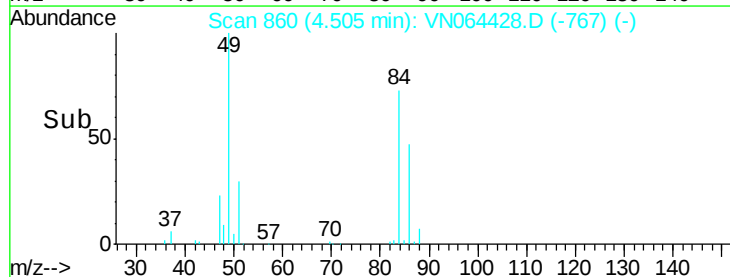
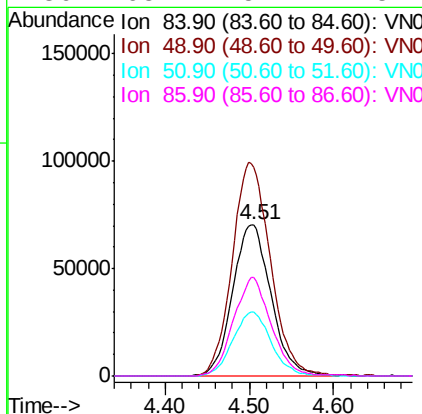
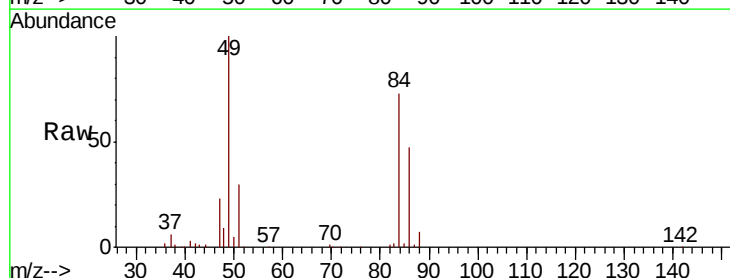
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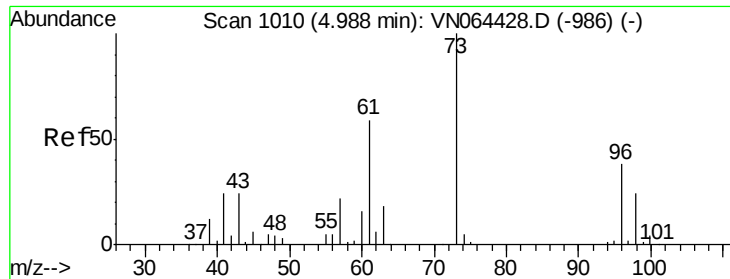
MMDadoda
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#20
Methylene Chloride
Concen: 57.050 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN064428.D
Acq: 4 Nov 2020 11:00

Tgt Ion: 84 Resp: 223115
Ion Ratio Lower Upper
84 100
49 137.6 110.1 165.1
51 42.0 33.6 50.4
86 65.1 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 58.580 ug/l

RT: 4.99 min Scan# 1010

Delta R.T. 0.00 min

Lab File: VN064428.D

Acq: 4 Nov 2020 11:00

Instrument :

MSVOA_N

ClientSampled :

VSTDICCC050

Tot Ion: 96 Resp: 216091

Ion Ratio Lower Upper

96 100

61 153.0 122.4 183.6

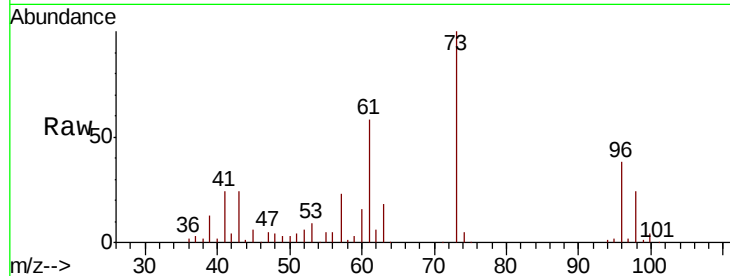
98 63.0 50.4 75.6

Manual Integrations

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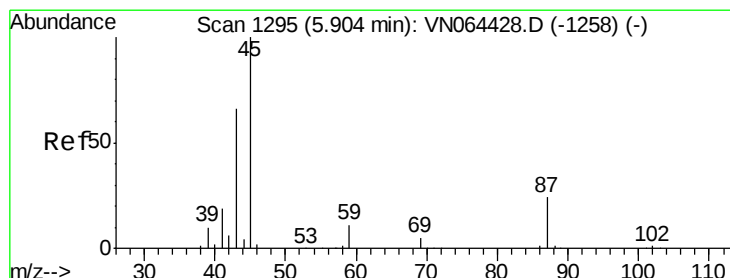
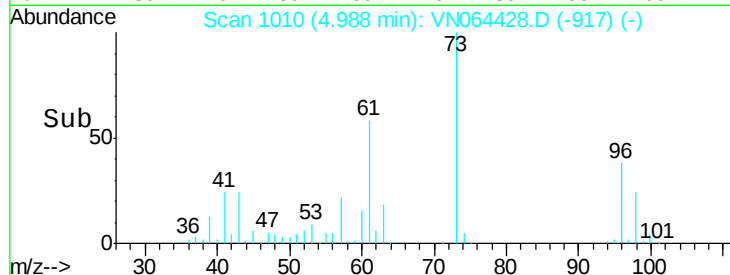
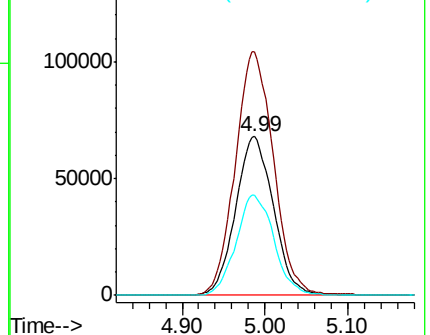
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Abundance Ion 95.90 (95.60 to 96.60): VN064428.D (-986) (-)

Ion 60.90 (60.60 to 61.60): VN064428.D (-986) (-)

Ion 97.90 (97.60 to 98.60): VN064428.D (-986) (-)



#22

Diisopropyl ether

Concen: 61.269 ug/l

RT: 5.90 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VN064428.D

Acq: 4 Nov 2020 11:00

Tgt Ion: 45 Resp: 814256

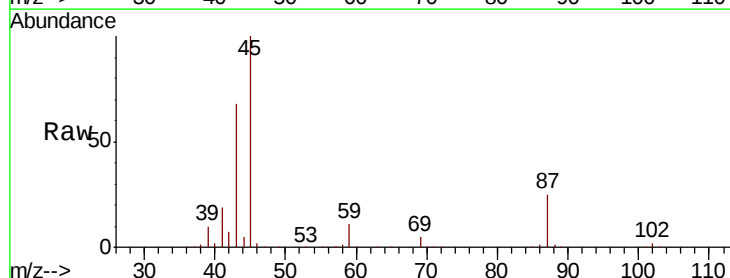
Ion Ratio Lower Upper

45 100

43 66.5 53.2 79.8

87 24.9 19.9 29.9

59 10.8 8.6 13.0

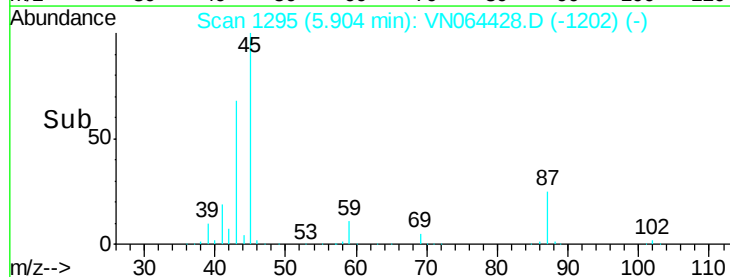
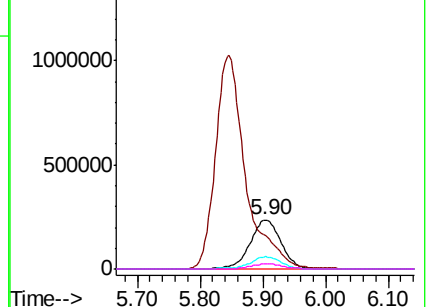


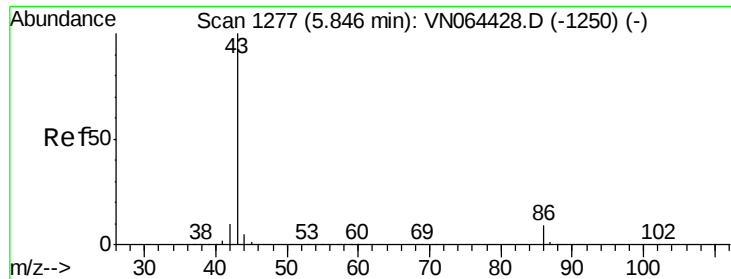
Abundance Ion 45.00 (44.70 to 45.70): VN064428.D (-1258) (-)

Ion 43.00 (42.70 to 43.70): VN064428.D (-1258) (-)

Ion 87.00 (86.70 to 87.70): VN064428.D (-1258) (-)

Ion 59.00 (58.70 to 59.70): VN064428.D (-1258) (-)





#23

Vinyl Acetate

Concen: 308.218 ug/l

RT: 5.85 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VN064428.D

Acq: 4 Nov 2020 11:00

Instrument :

MSVOA_N

ClientSampled :

VSTDICCC050

Tot Ion: 43 Resp: 3426869

Ion Ratio Lower Upper

43 100

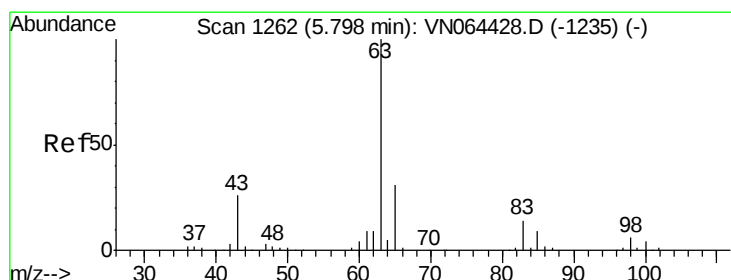
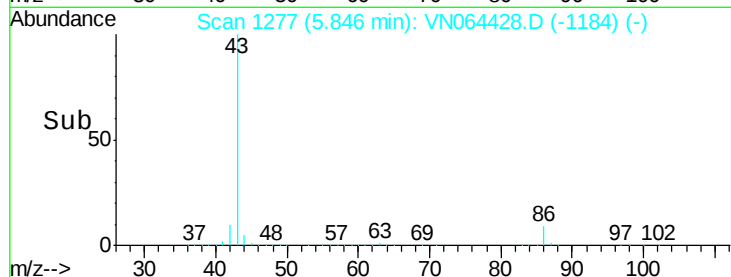
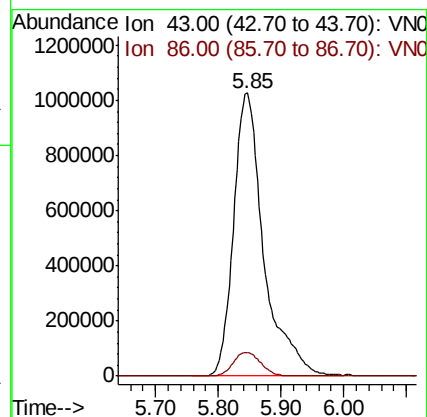
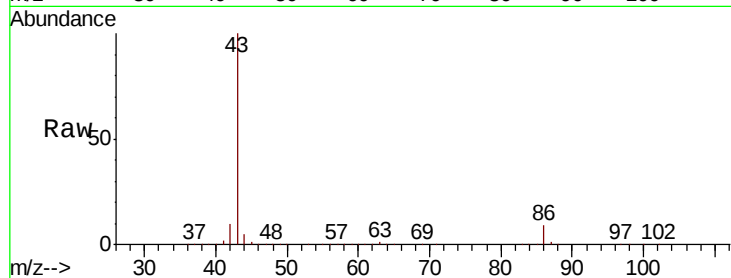
86 8.5 6.8 10.2

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#24

1,1-Dichloroethane

Concen: 59.106 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. 0.00 min

Lab File: VN064428.D

Acq: 4 Nov 2020 11:00

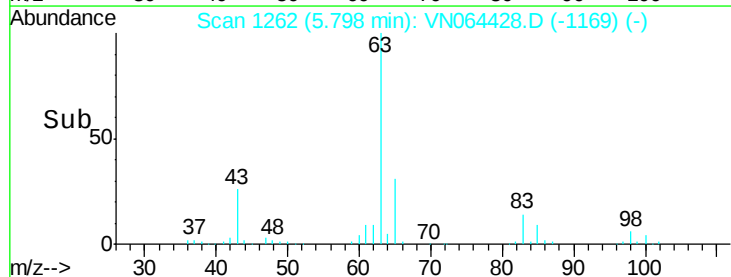
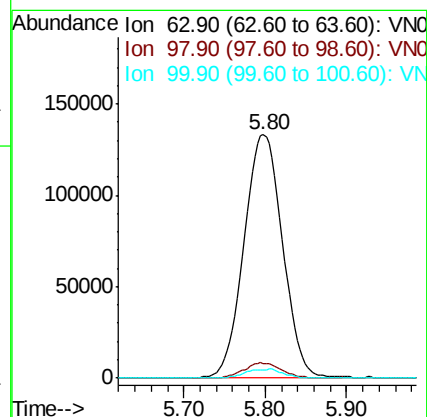
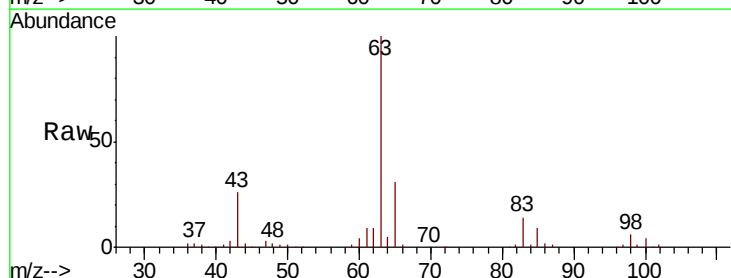
Tgt Ion: 63 Resp: 435661

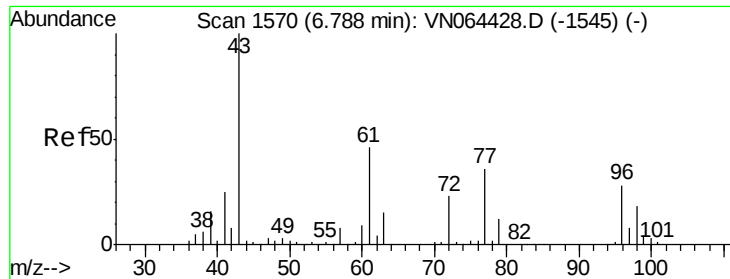
Ion Ratio Lower Upper

63 100

98 6.1 3.0 9.2

100 3.5 1.8 5.3





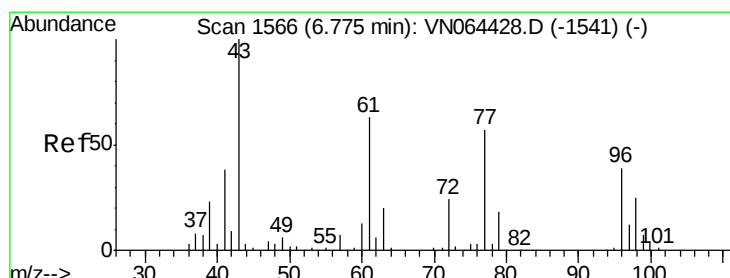
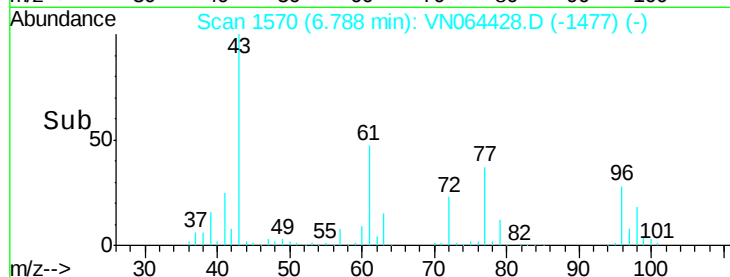
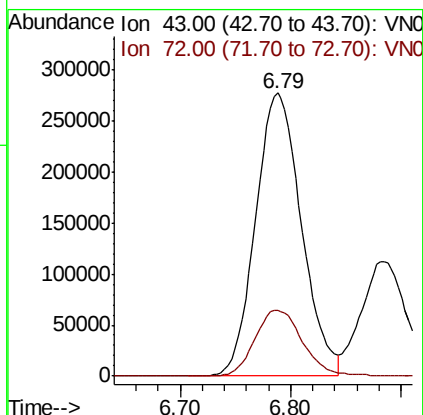
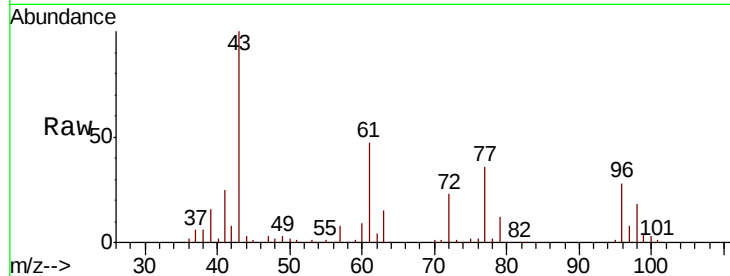
#25
2-Butanone
Concen: 288.478 ug/l
RT: 6.79 min Scan# 1570
Delta R.T. 0.00 min
Lab File: VN064428.D
Acq: 4 Nov 2020 11:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion: 43 Resp: 795756
Ion Ratio Lower Upper
43 100
72 23.1 18.5 27.7

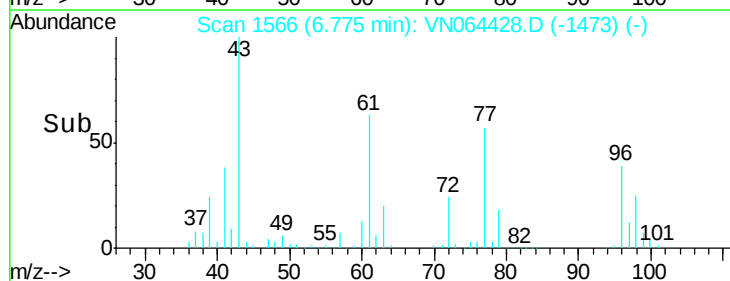
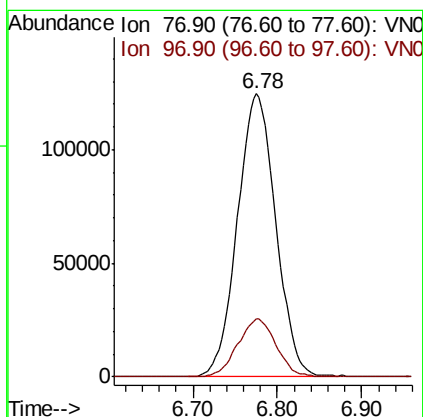
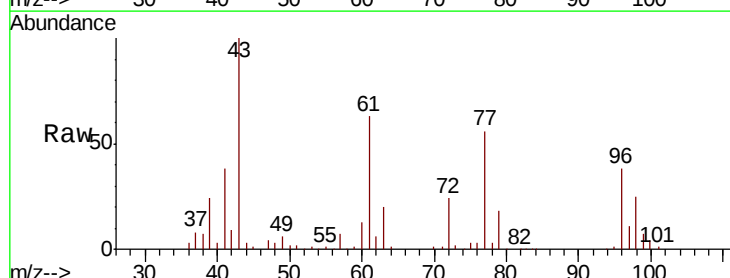
Manual Integrations
APPROVED

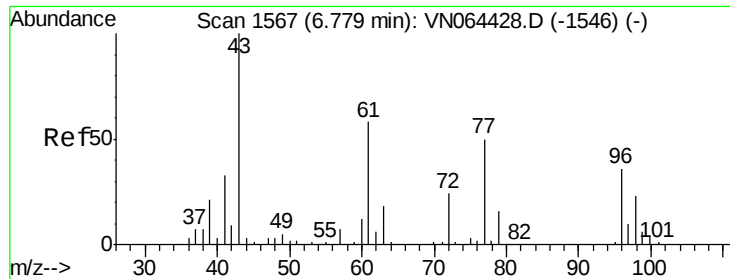
MMDadoda
11/5/2020 2:19:16 PM



#26
2,2-Dichloropropane
Concen: 55.330 ug/l
RT: 6.78 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VN064428.D
Acq: 4 Nov 2020 11:00

Tgt Ion: 77 Resp: 393372
Ion Ratio Lower Upper
77 100
97 20.4 10.2 30.6





#27

cis-1,2-Dichloroethene

Concen: 59.556 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN064428.D

Acq: 4 Nov 2020 11:00

Instrument :

MSVOA_N

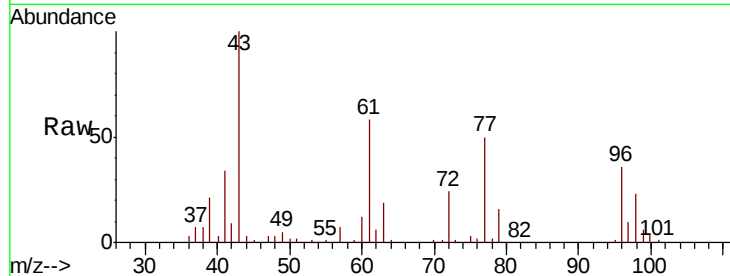
ClientSampleId :

VSTDICCC050

Tot Ion:	96	Resp:	250871
Ion Ratio	Lower	Upper	
96	100		
61	164.8	0.0	329.6
98	65.6	0.0	131.2

Manual Integrations
APPROVED

MMDadoda
11/5/2020 2:19:16 PM

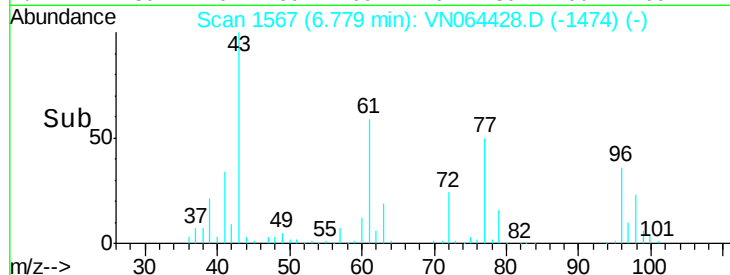


Abundance Ion 95.90 (95.60 to 96.60): VN064428.D (-1546) (-)

Ion 60.90 (60.60 to 61.60): VN064428.D (-1546) (-)

Ion 97.90 (97.60 to 98.60): VN064428.D (-1546) (-)

Time-->

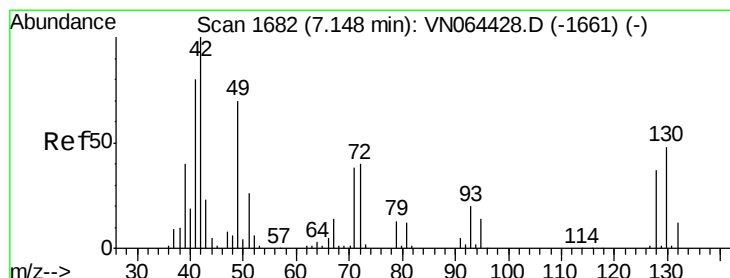


Abundance Ion 95.90 (95.60 to 96.60): VN064428.D (-1546) (-)

Ion 60.90 (60.60 to 61.60): VN064428.D (-1546) (-)

Ion 97.90 (97.60 to 98.60): VN064428.D (-1546) (-)

Time-->



#28

Bromochloromethane

Concen: 51.724 ug/l

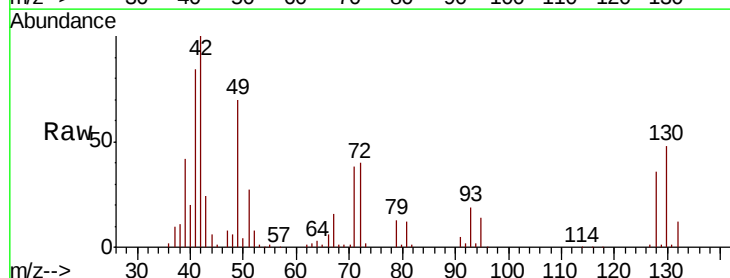
RT: 7.15 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VN064428.D

Acq: 4 Nov 2020 11:00

Tgt Ion:	49	Resp:	177160
Ion Ratio	Lower	Upper	
49	100		
129	1.8	0.0	3.6
130	67.8	54.2	81.4

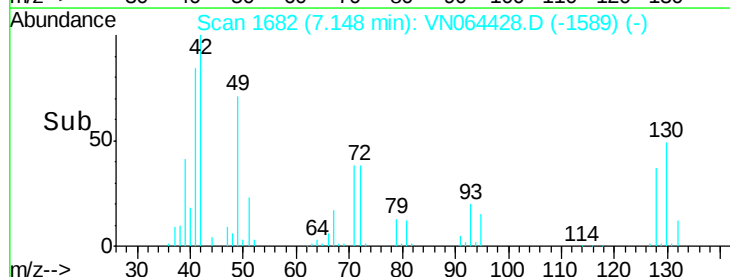


Abundance Ion 48.90 (48.60 to 49.60): VN064428.D (-1661) (-)

Ion 128.80 (128.50 to 129.50): VN064428.D (-1661) (-)

Ion 129.80 (129.50 to 130.50): VN064428.D (-1661) (-)

Time-->

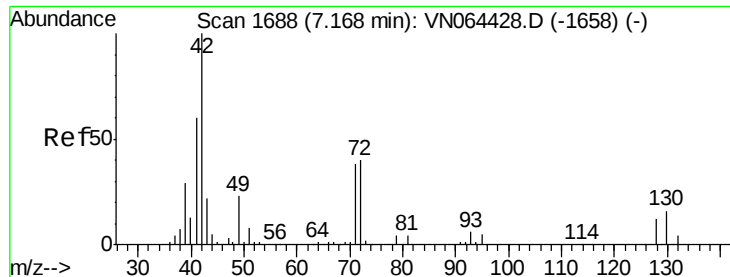


Abundance Ion 48.90 (48.60 to 49.60): VN064428.D (-1661) (-)

Ion 128.80 (128.50 to 129.50): VN064428.D (-1661) (-)

Ion 129.80 (129.50 to 130.50): VN064428.D (-1661) (-)

Time-->



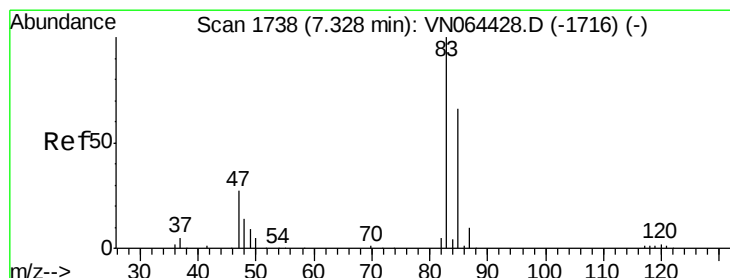
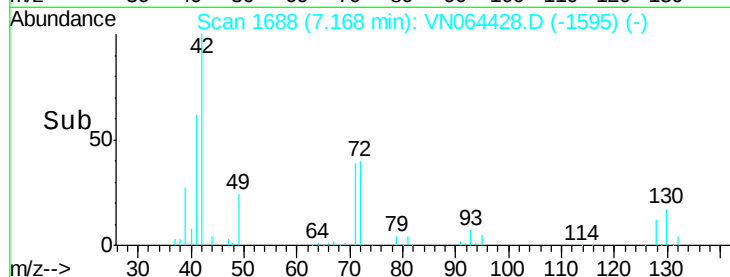
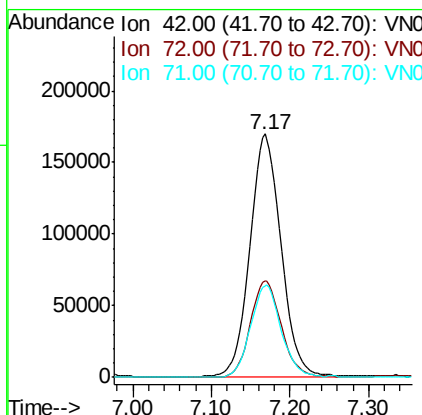
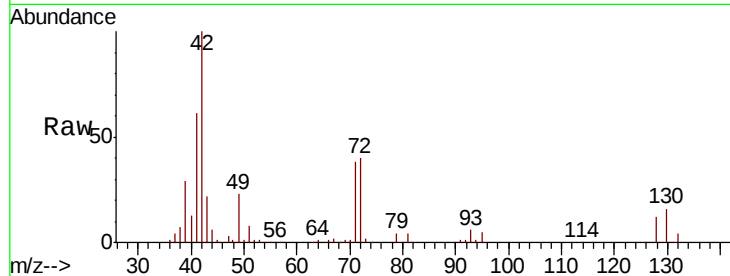
#29
Tetrahydrofuran
Concen: 271.406 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VN064428.D
Acq: 4 Nov 2020 11:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.6	31.7	47.5
71	37.2	29.8	44.6

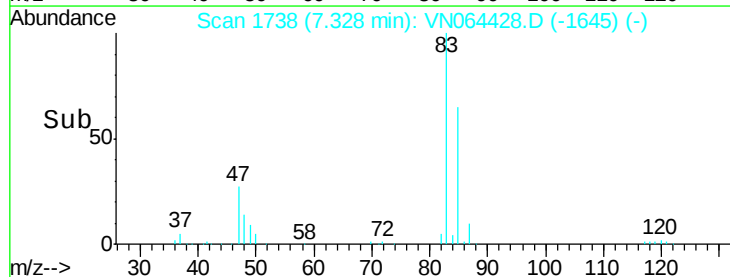
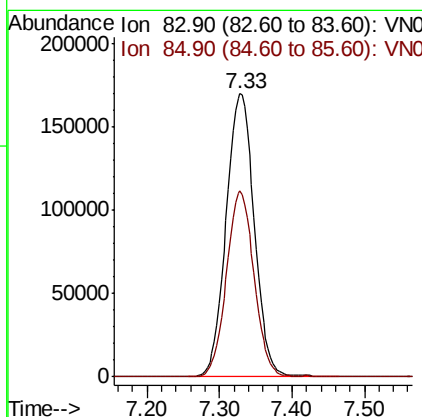
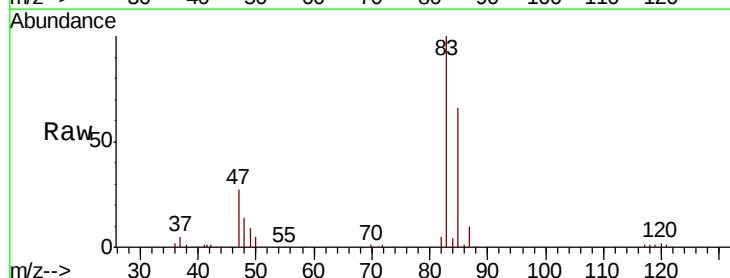
Manual Integrations
APPROVED

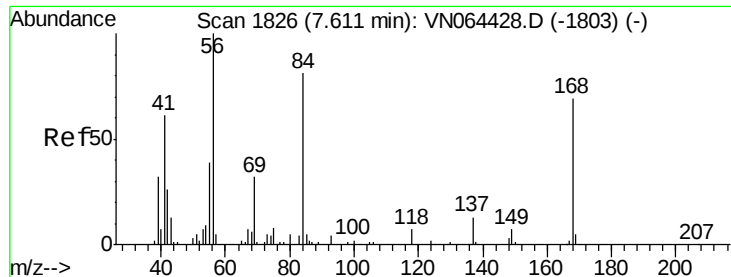
MMDadoda
11/5/2020 2:19:16 PM



#30
Chloroform
Concen: 58.434 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN064428.D
Acq: 4 Nov 2020 11:00

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.6	52.5	78.7





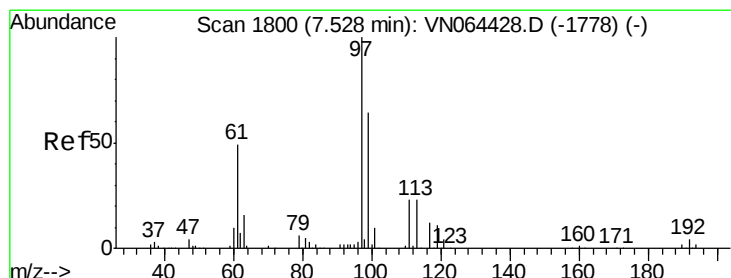
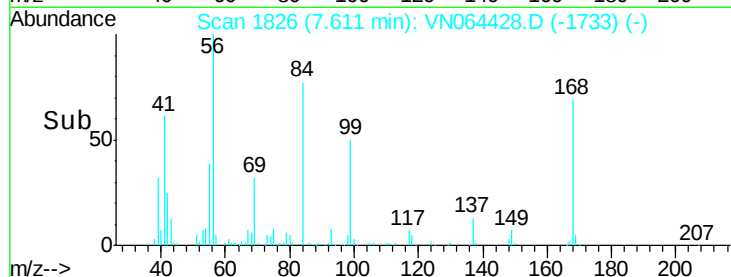
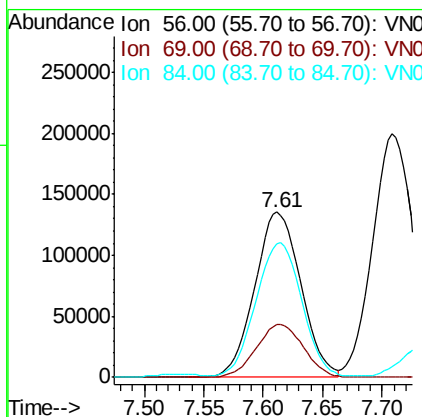
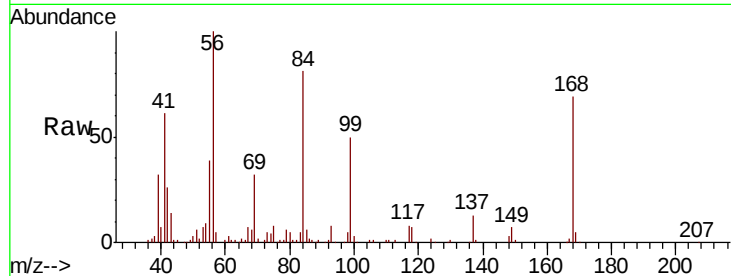
#31
Cvclohexane
Concen: 56.445 ug/l
RT: 7.61 min Scan# 1826
Delta R.T. 0.00 min
Lab File: VN064428.D
Acq: 4 Nov 2020 11:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.0	25.6	38.4
84	78.8	63.0	94.6

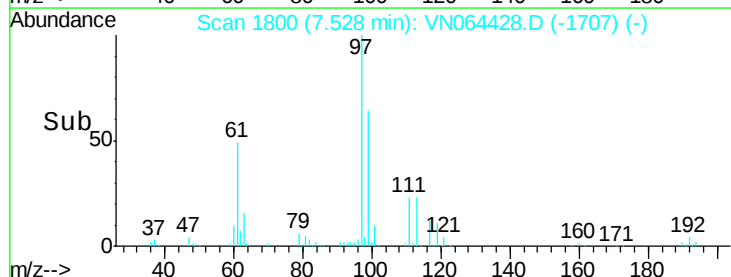
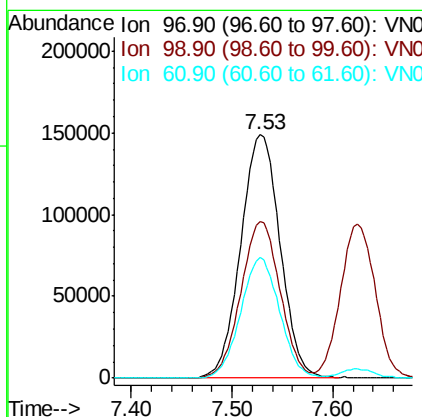
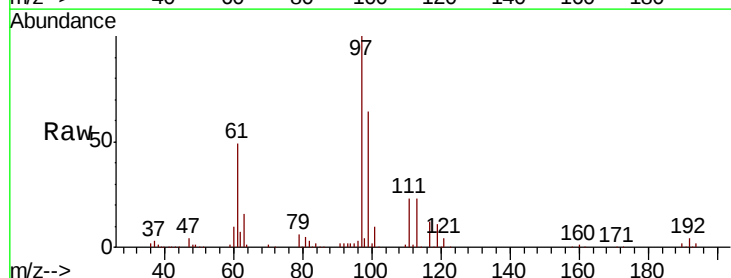
Manual Integrations
APPROVED

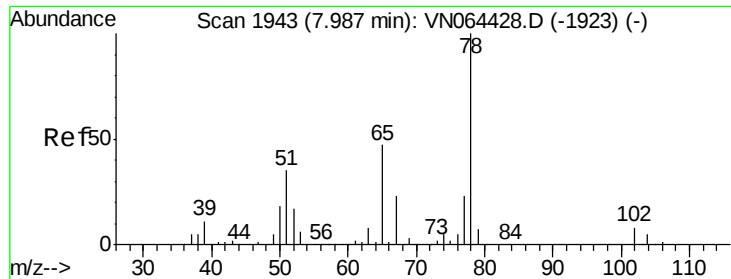
MMDadoda
11/5/2020 2:19:16 PM



#32
1,1,1-Trichloroethane
Concen: 54.341 ug/l
RT: 7.53 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VN064428.D
Acq: 4 Nov 2020 11:00

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.3	76.9
61	48.9	39.1	58.7





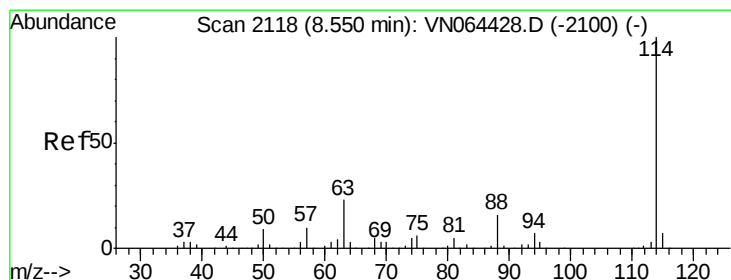
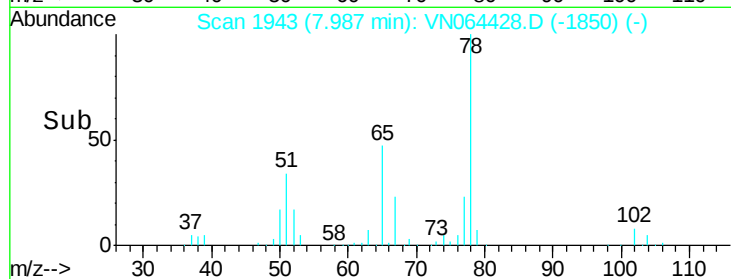
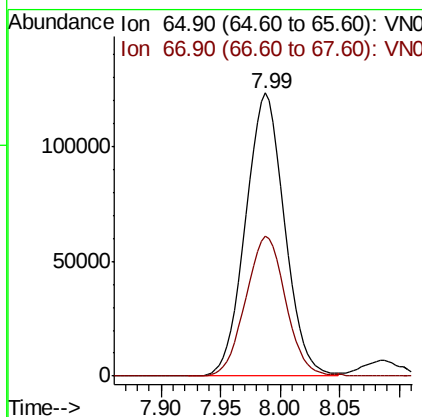
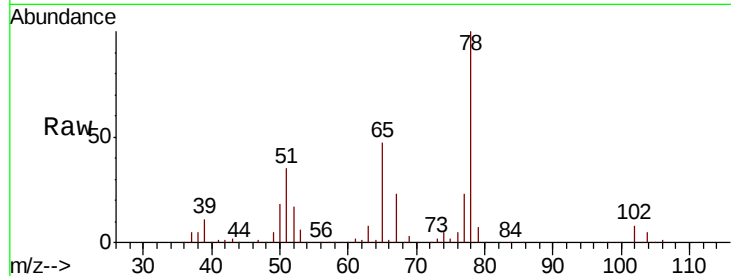
#33
 1,2-Dichloroethane-d4
 Concen: 51.279 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064428.D
 Acq: 4 Nov 2020 11:00

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	280208		
67	50.8	0.0	101.6	

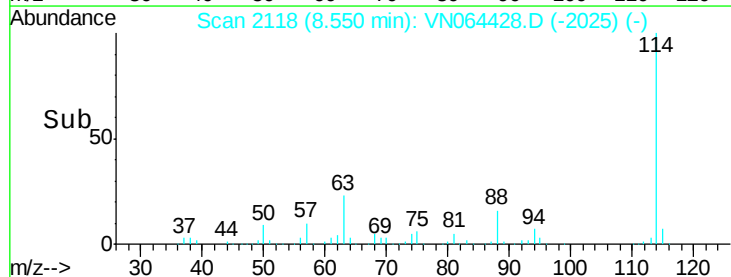
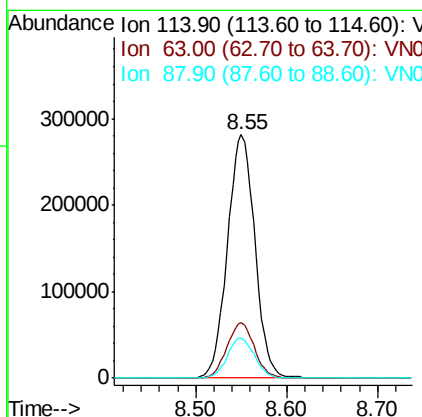
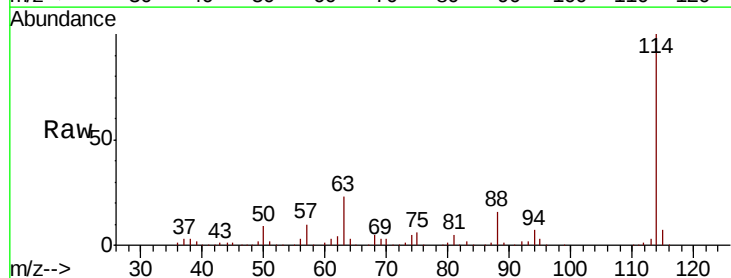
Manual Integrations
 APPROVED

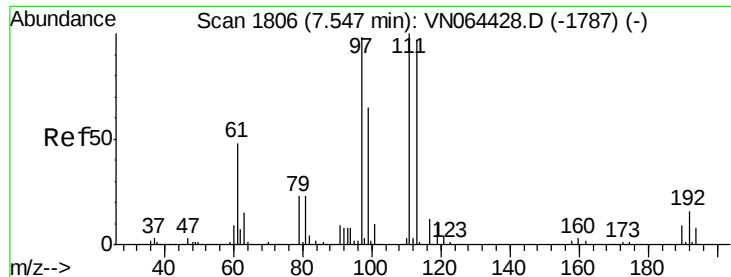
MMDadoda
 11/5/2020 2:19:16 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064428.D
 Acq: 4 Nov 2020 11:00

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	589147		
63	22.8	0.0	45.6	
88	16.4	0.0	32.8	





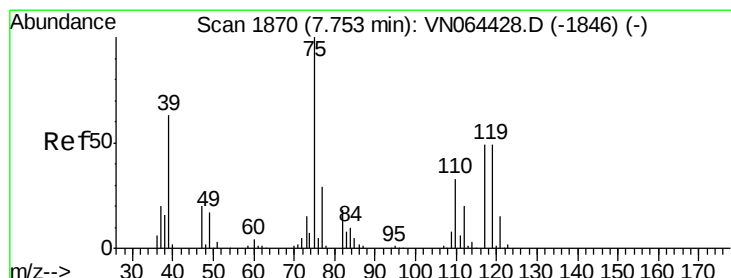
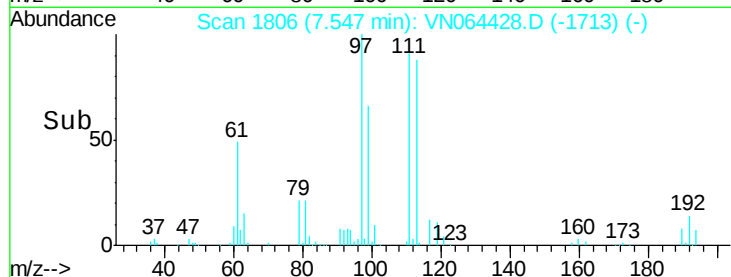
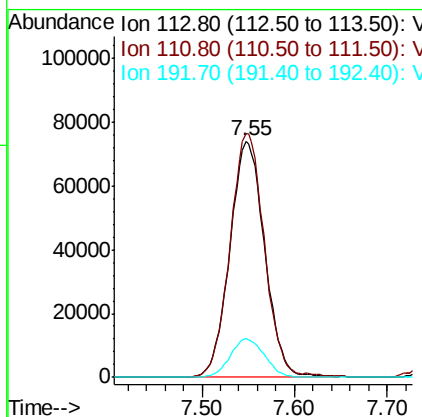
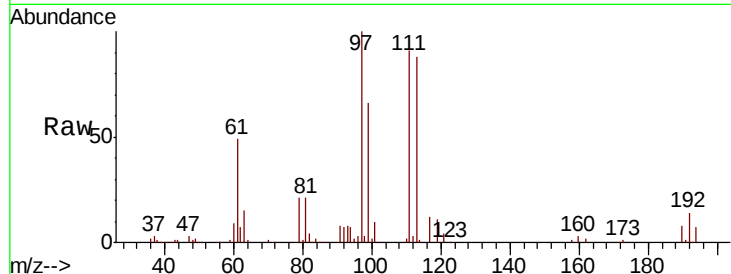
#35
 Dibromofluoromethane
 Concen: 48.995 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. 0.00 min
 Lab File: VN064428.D
 Acq: 4 Nov 2020 11:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	192628		
111	101.4	81.1	121.7	
192	16.0	12.8	19.2	

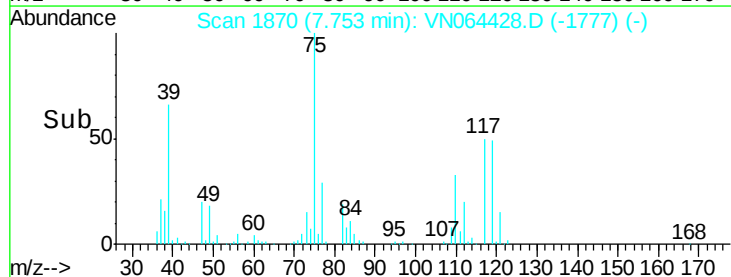
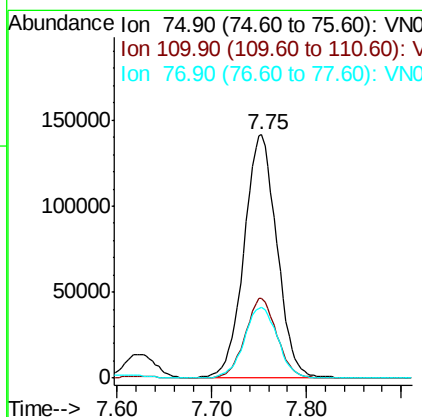
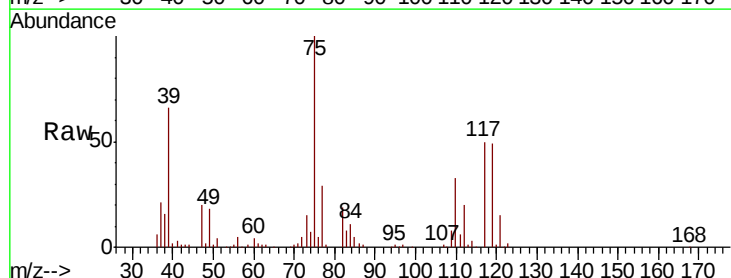
Manual Integrations
 APPROVED

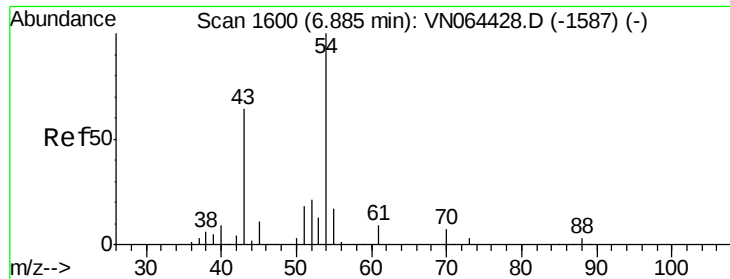
MMDadoda
 11/5/2020 2:19:16 PM



#36
 1,1-Dichloropropene
 Concen: 55.710 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. 0.00 min
 Lab File: VN064428.D
 Acq: 4 Nov 2020 11:00

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	338424		
110	32.0	16.0	48.0	
77	30.0	24.0	36.0	





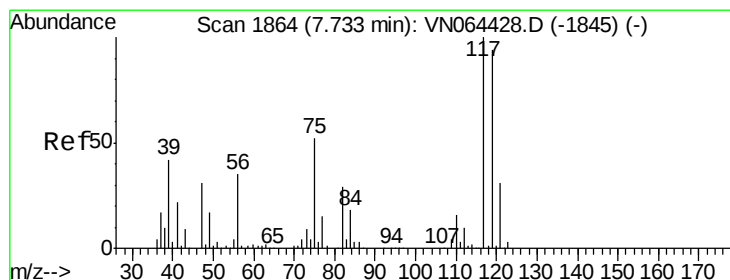
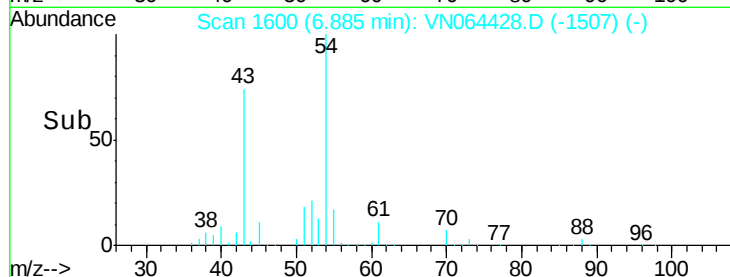
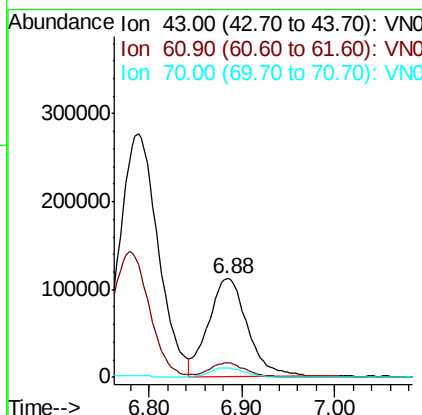
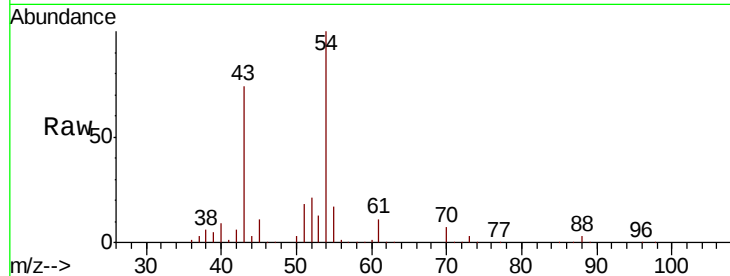
#37
Ethyl Acetate
Concen: 53.835 ug/l
RT: 6.88 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VN064428.D
Acq: 4 Nov 2020 11:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.5	10.0	15.0
70	8.9	7.1	10.7

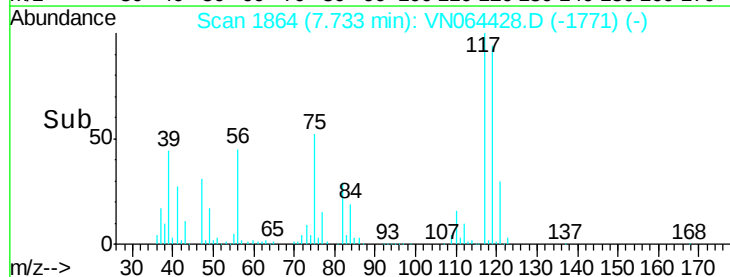
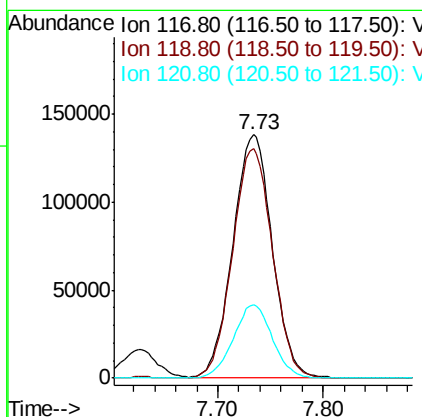
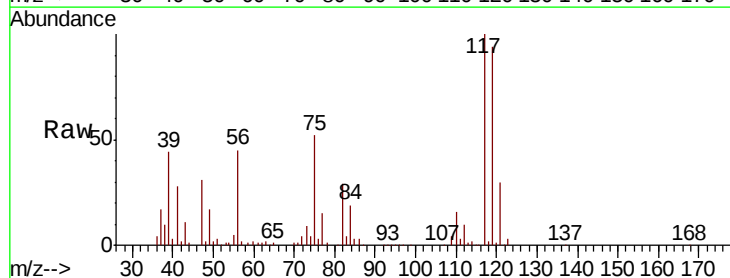
Manual Integrations
APPROVED

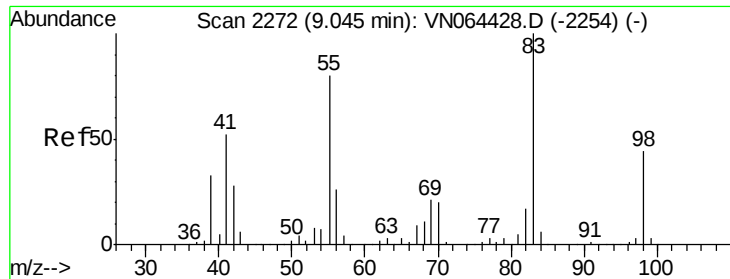
MMDadoda
11/5/2020 2:19:16 PM



#38
Carbon Tetrachloride
Concen: 51.804 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN064428.D
Acq: 4 Nov 2020 11:00

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.4	75.5	113.3
121	30.5	24.4	36.6





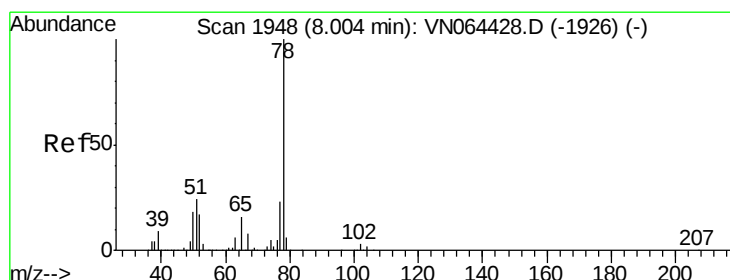
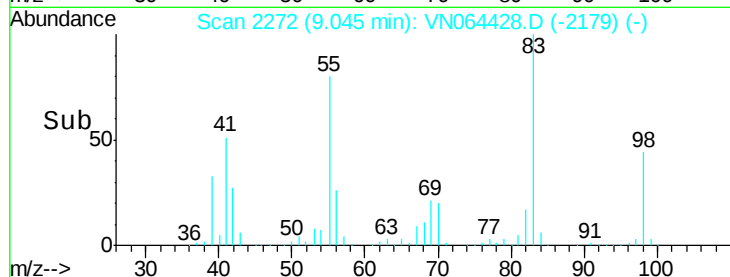
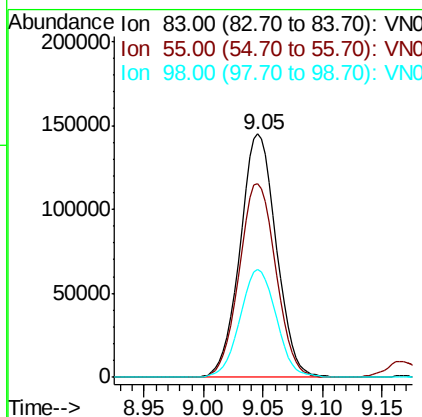
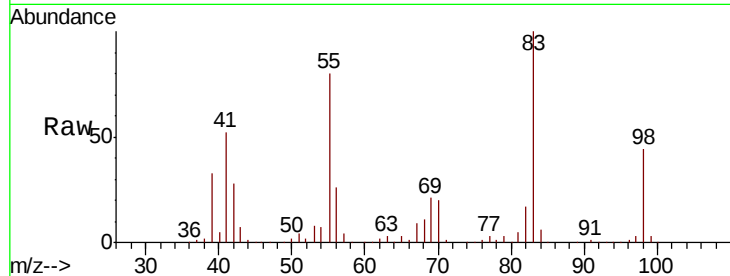
#39
Methvlcvclohexane
Concen: 51.616 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN064428.D
Acq: 4 Nov 2020 11:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	83	Resp	305808
Ion	Ratio	Lower	Upper
83	100		
55	79.7	63.8	95.6
98	44.3	35.4	53.2

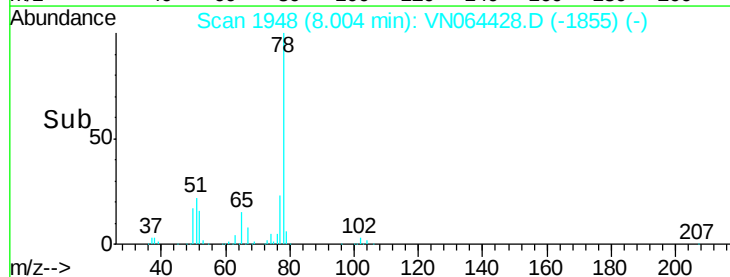
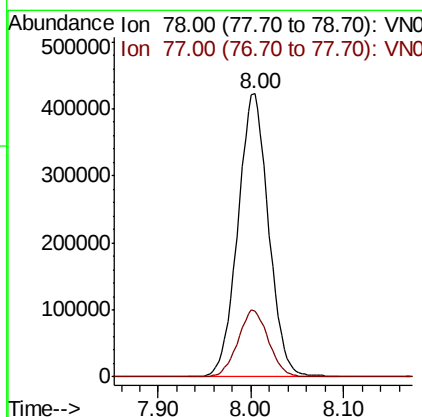
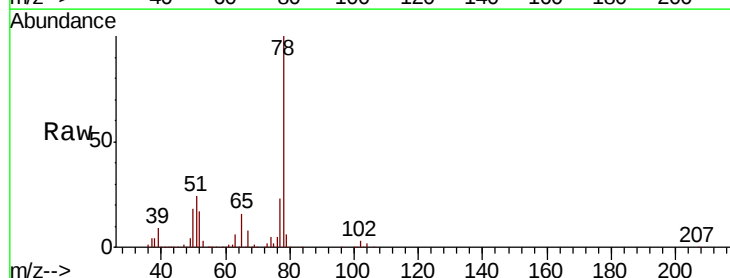
Manual Integrations
APPROVED

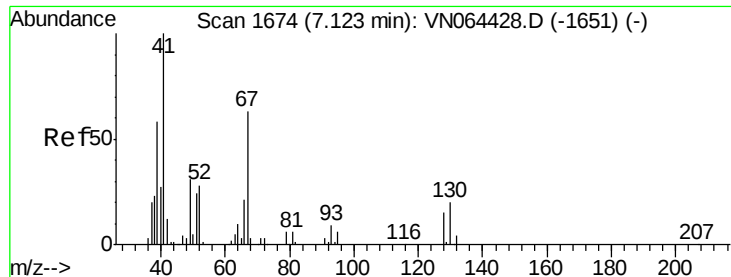
MMDadoda
11/5/2020 2:19:16 PM



#40
Benzene
Concen: 57.025 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN064428.D
Acq: 4 Nov 2020 11:00

Tgt Ion	78	Resp	970409
Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.7	28.1





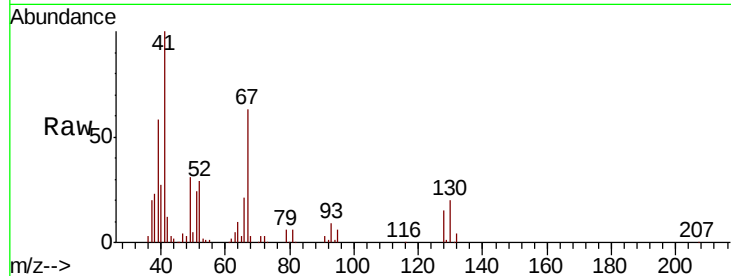
#41
Methacrylonitrile
Concen: 45.113 ug/l
RT: 7.12 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VN064428.D
Acq: 4 Nov 2020 11:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

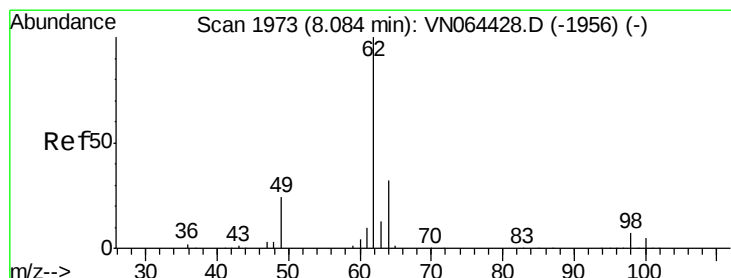
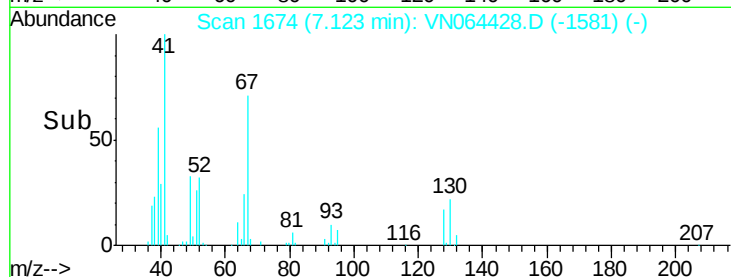
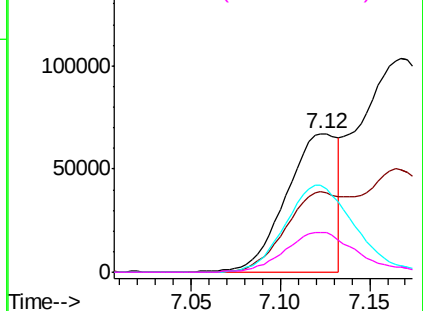
Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	62.5	50.0	75.0	
67	85.4	68.3	102.5	
52	40.9	32.7	49.1	

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11/5/2020 2:19:16 PM

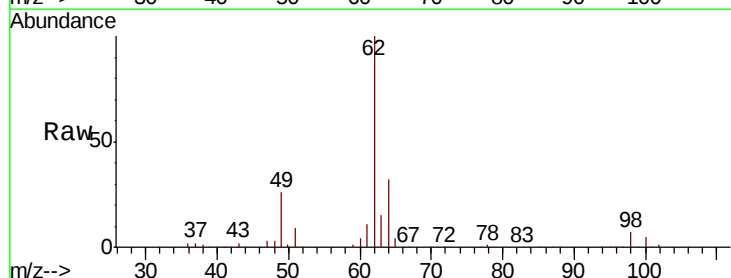


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

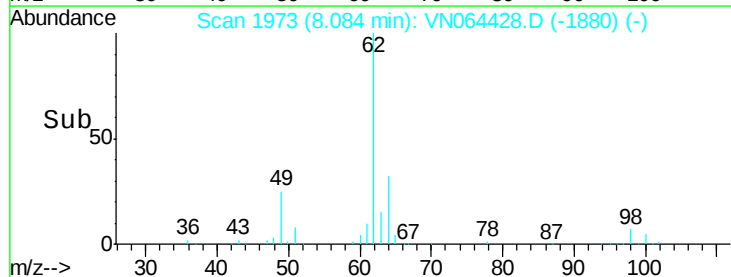
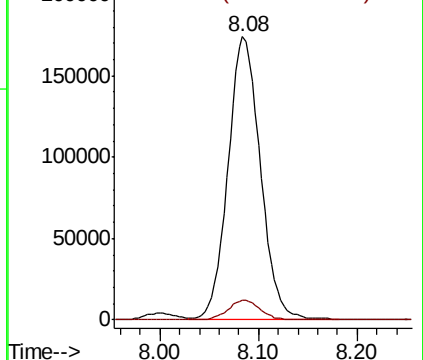


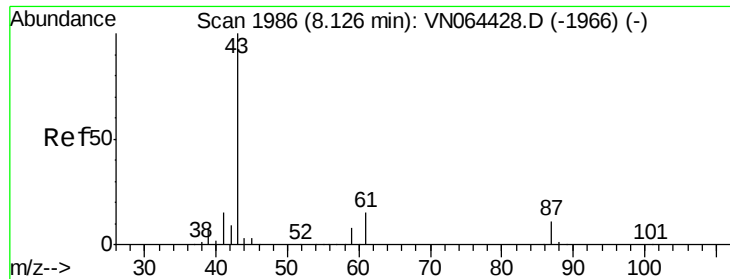
#42
1,2-Dichloroethane
Concen: 54.769 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VN064428.D
Acq: 4 Nov 2020 11:00

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	7.0	0.0	14.0	



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 53.701 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN064428.D

Acq: 4 Nov 2020 11:00

Instrument :

MSVOA_N

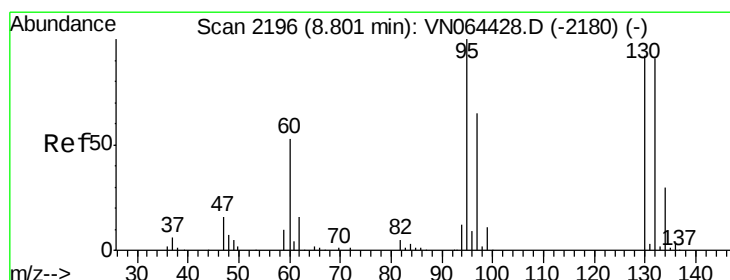
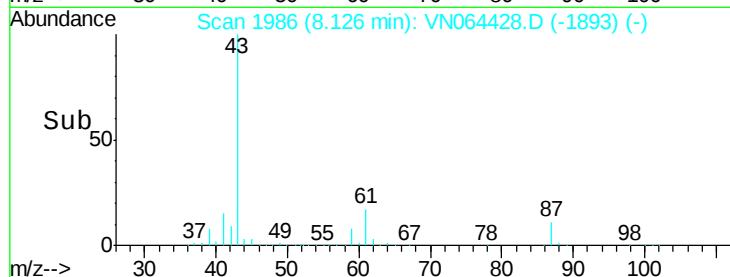
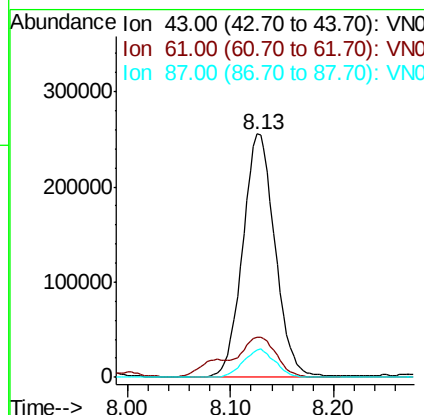
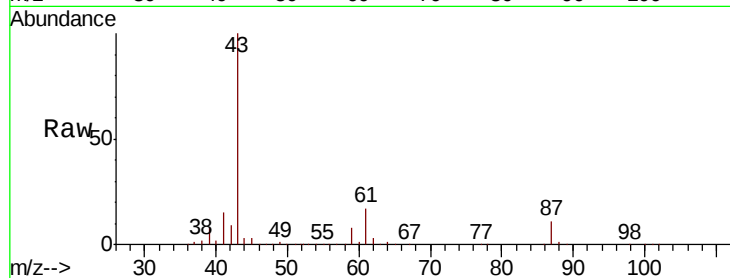
ClientSampleId :

VSTDICCC050

Tot Ion:	43	Resp:	555241
Ion	Ratio	Lower	Upper
43	100		
61	17.5	14.0	21.0
87	11.4	9.1	13.7

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#44

Trichloroethene

Concen: 55.748 ug/l

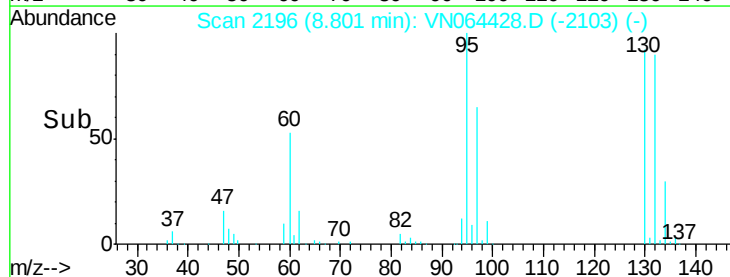
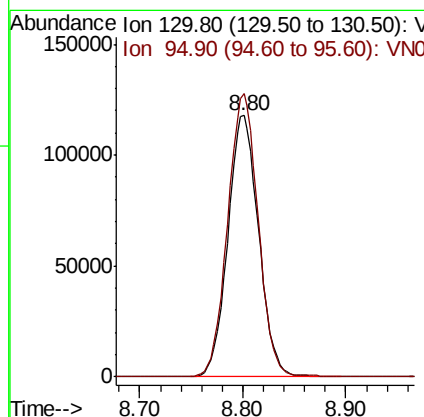
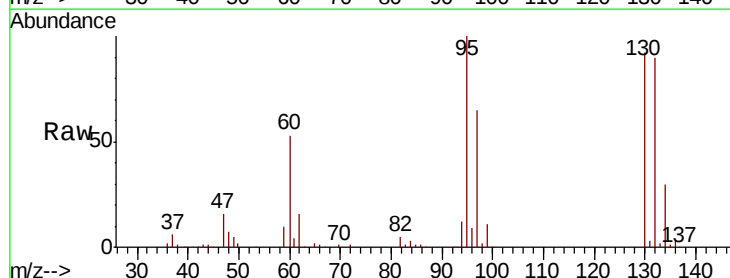
RT: 8.80 min Scan# 2196

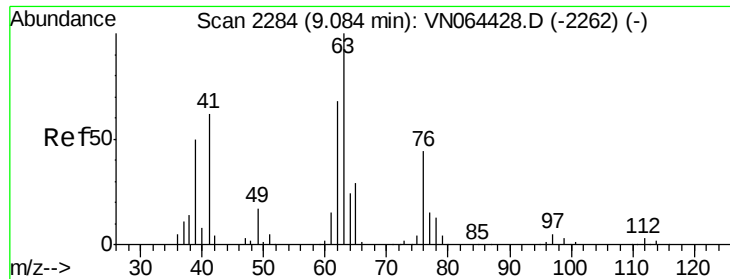
Delta R.T. 0.00 min

Lab File: VN064428.D

Acq: 4 Nov 2020 11:00

Tgt Ion:	130	Resp:	244904
Ion	Ratio	Lower	Upper
130	100		
95	108.4	0.0	216.8





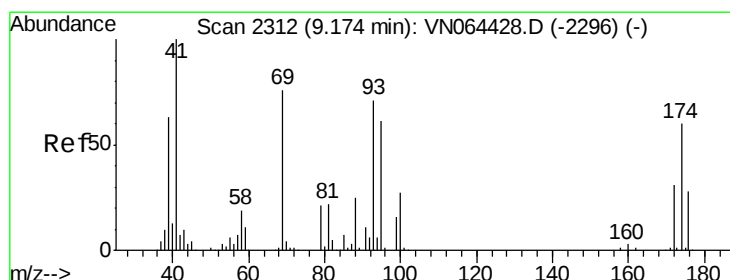
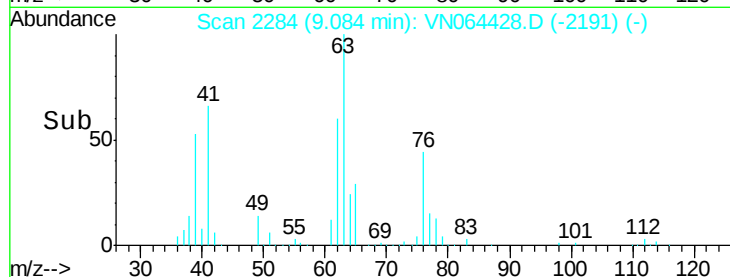
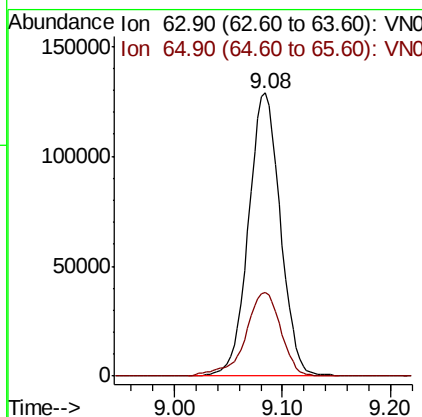
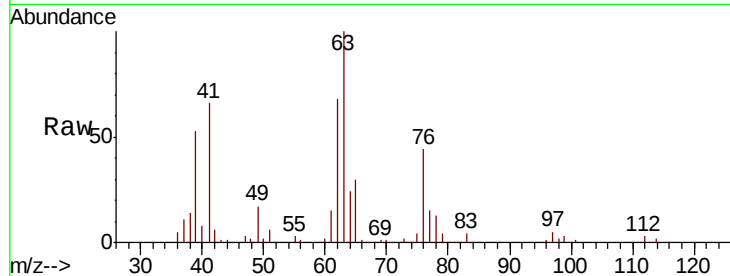
#45
 1,2-Dichloropropane
 Concen: 57.889 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN064428.D
 Acq: 4 Nov 2020 11:00

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDICCC050

Tot Ion: 63 Resp: 264228
 Ion Ratio Lower Upper
 63 100
 65 29.5 23.6 35.4

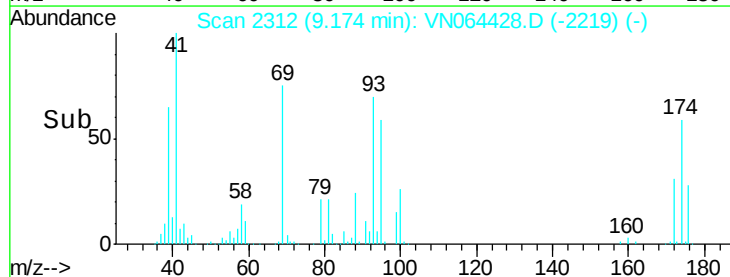
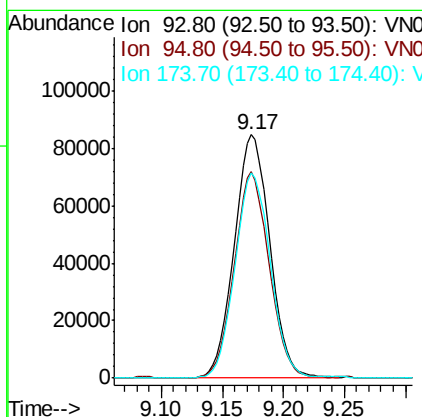
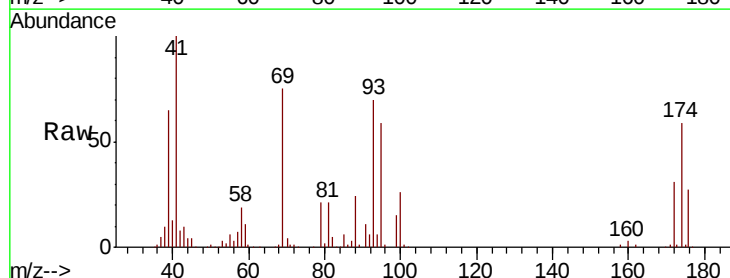
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#46
 Dibromomethane
 Concen: 54.861 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN064428.D
 Acq: 4 Nov 2020 11:00

Tgt Ion: 93 Resp: 171895
 Ion Ratio Lower Upper
 93 100
 95 83.0 66.4 99.6
 174 84.0 67.2 100.8





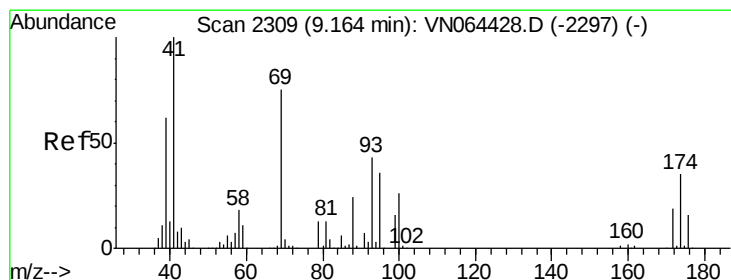
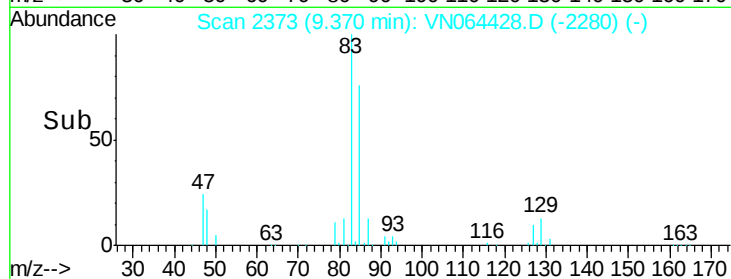
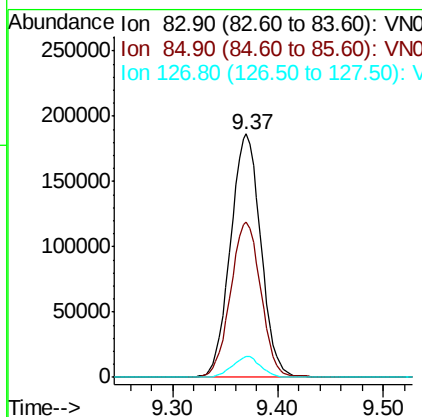
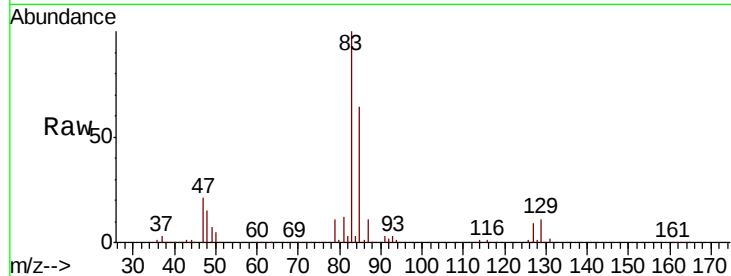
#47
Bromodichloromethane
Concen: 53.354 ug/l
RT: 9.37 min Scan# 2373
Delta R.T. 0.00 min
Lab File: VN064428.D
Acq: 4 Nov 2020 11:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
83	100		
85	64.0	51.2	76.8
127	8.6	6.9	10.3

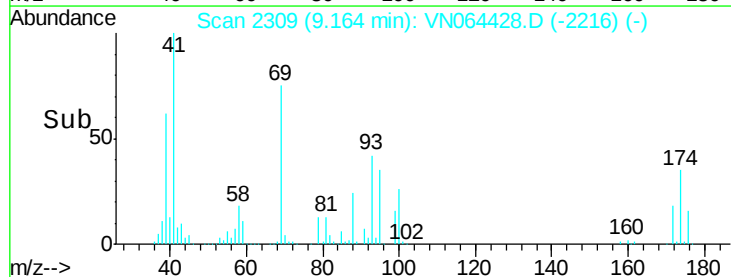
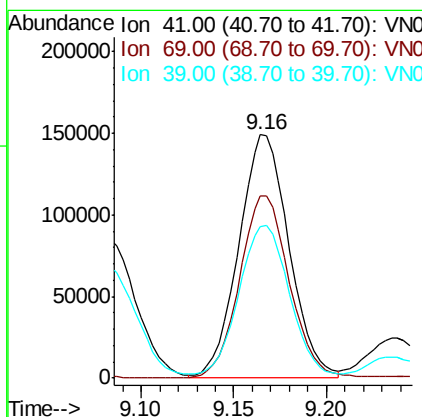
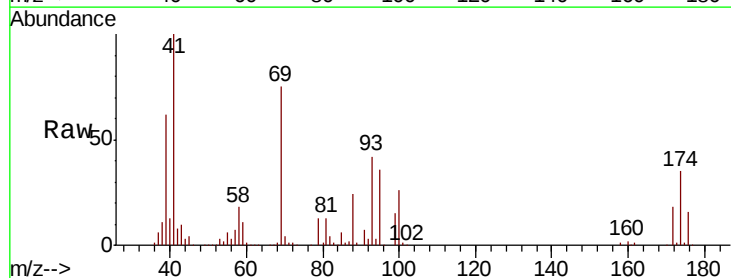
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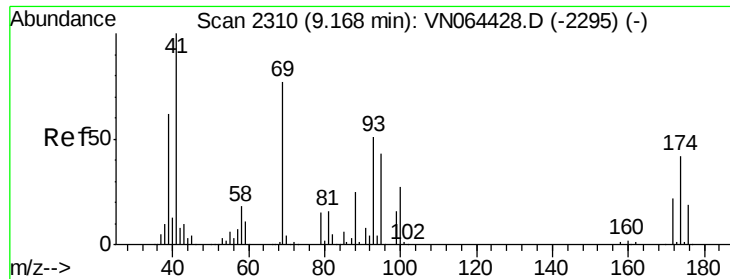
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11/5/2020 2:19:16 PM



#48
Methyl methacrylate
Concen: 52.450 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. 0.00 min
Lab File: VN064428.D
Acq: 4 Nov 2020 11:00

Tgt Ion	Ratio	Lower	Upper
41	100		
69	75.5	60.4	90.6
39	64.0	51.2	76.8





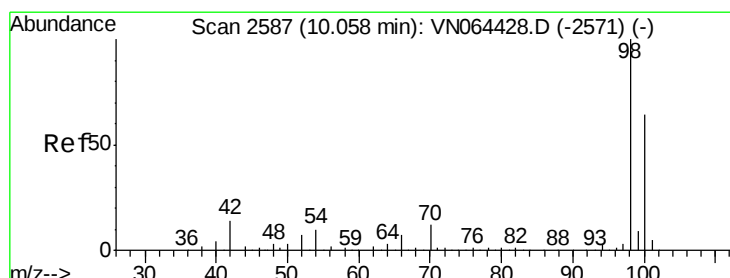
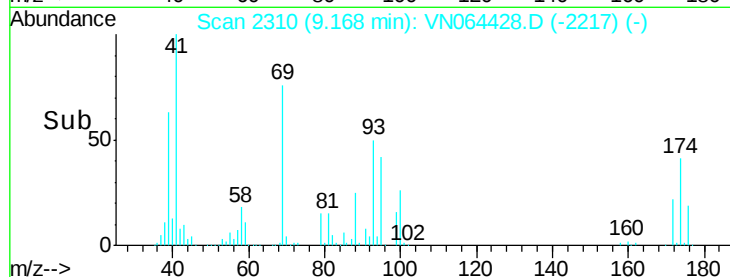
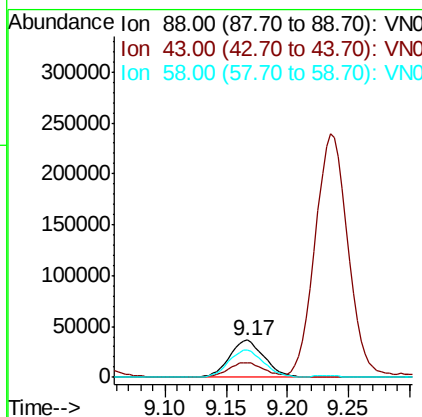
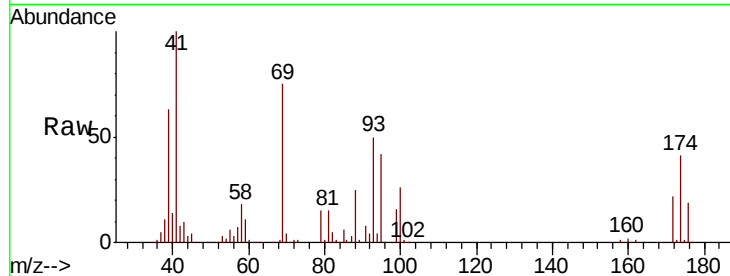
#49
1,4-Dioxane
Concen: 951.982 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN064428.D
Acq: 4 Nov 2020 11:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	38.8	31.0	46.6
58	73.0	58.4	87.6

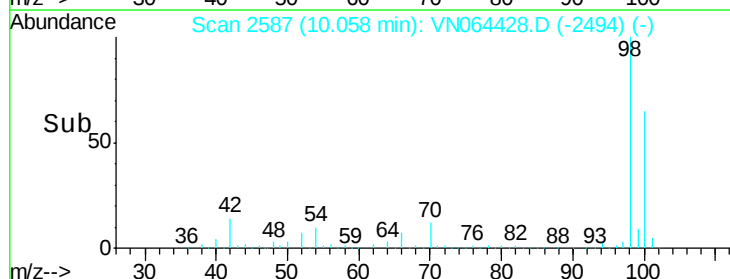
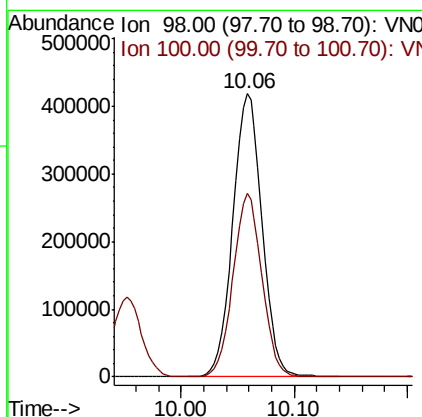
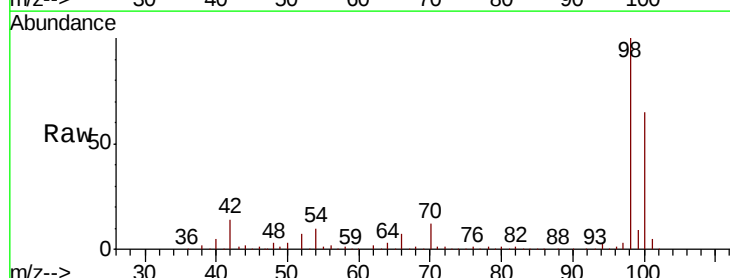
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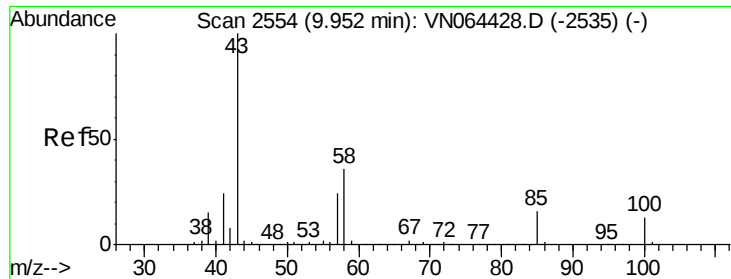
MMDadoda
11/5/2020 2:19:16 PM



#50
Toluene-d8
Concen: 50.894 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN064428.D
Acq: 4 Nov 2020 11:00

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.4	50.7	76.1





#51

4-Methyl-2-Pentanone

Concen: 277.476 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN064428.D

Acq: 4 Nov 2020 11:00

Instrument :

MSVOA_N

ClientSampled :

VSTDICCC050

Tot Ion: 43 Resp: 1676966

Ion Ratio Lower Upper

43 100

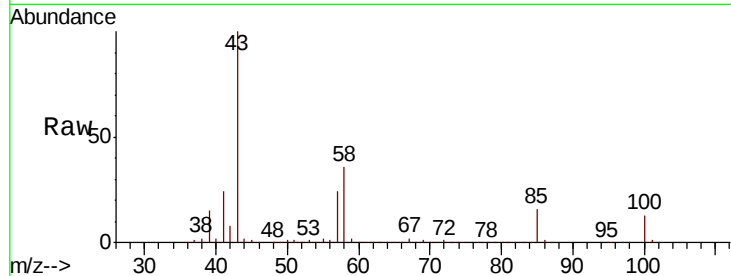
58 35.5 28.4 42.6

Manual Integrations

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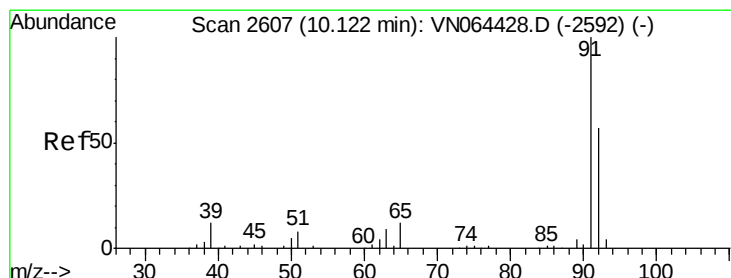
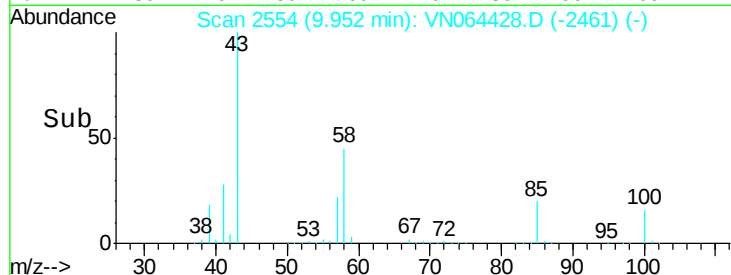
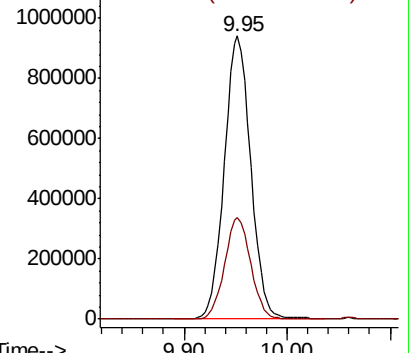
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 57.193 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN064428.D

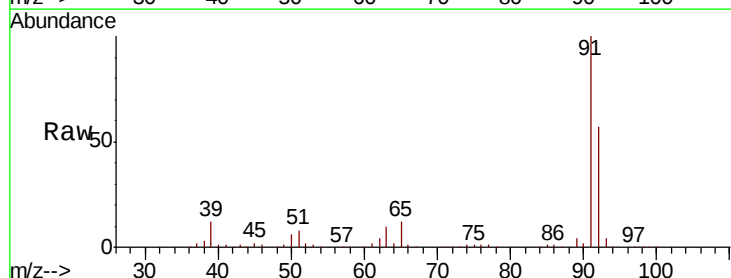
Acq: 4 Nov 2020 11:00

Tgt Ion: 92 Resp: 613110

Ion Ratio Lower Upper

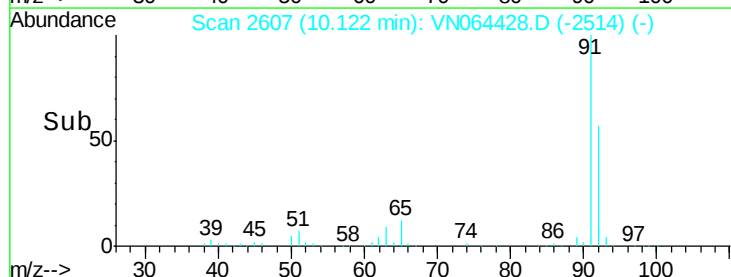
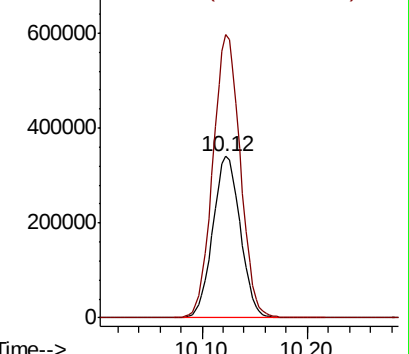
92 100

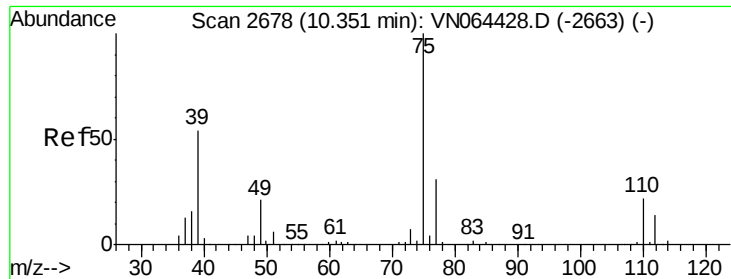
91 174.5 139.6 209.4



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





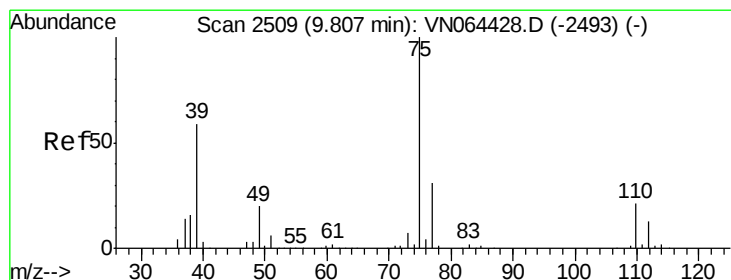
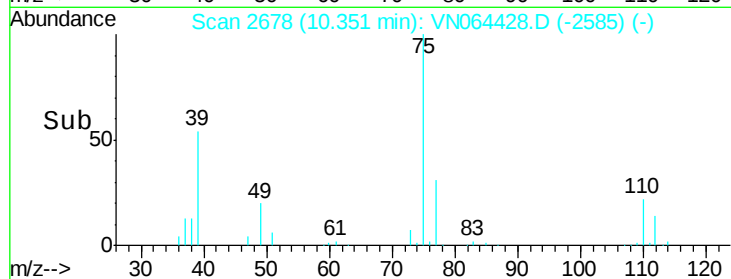
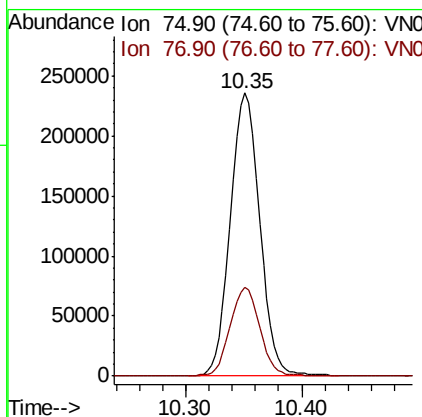
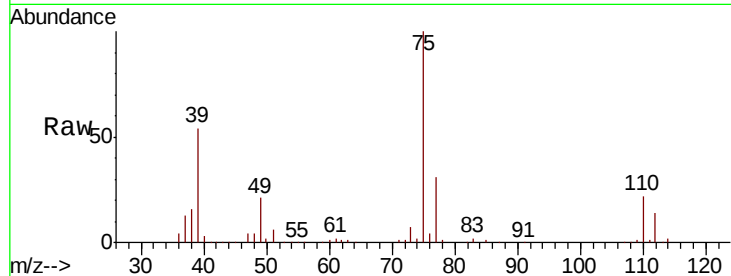
#53
 t-1,3-Dichloropropene
 Concen: 55.988 ug/l
 RT: 10.35 min Scan# 2678
 Delta R.T. 0.00 min
 Lab File: VN064428.D
 Acq: 4 Nov 2020 11:00

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDICCC050

Tot Ion: 75 Resp: 414214
 Ion Ratio Lower Upper
 75 100
 77 31.0 24.8 37.2

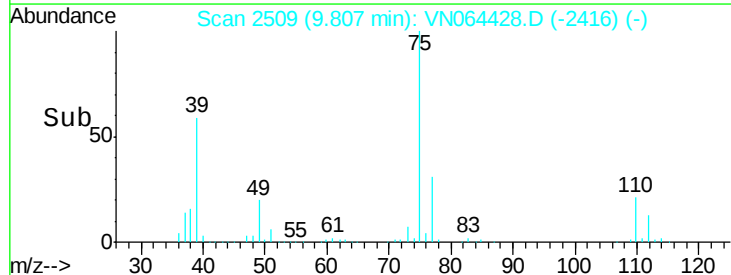
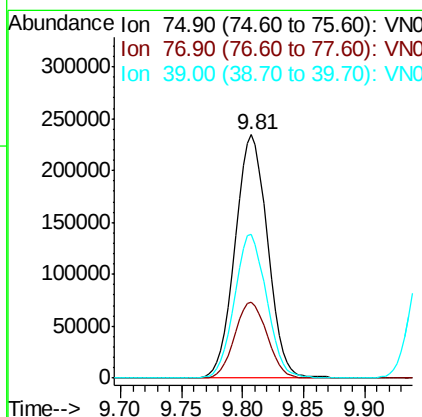
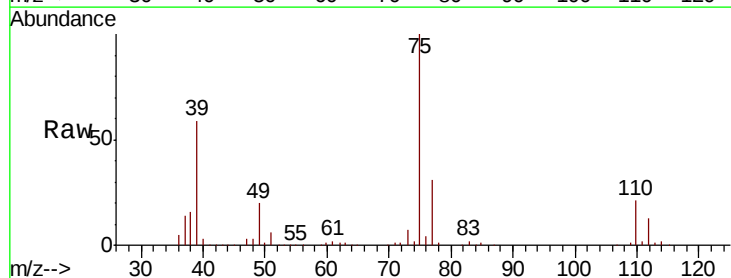
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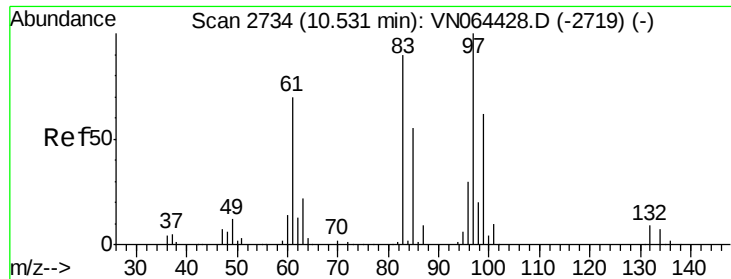
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#54
 cis-1,3-Dichloropropene
 Concen: 56.879 ug/l
 RT: 9.81 min Scan# 2509
 Delta R.T. 0.00 min
 Lab File: VN064428.D
 Acq: 4 Nov 2020 11:00

Tgt Ion: 75 Resp: 432844
 Ion Ratio Lower Upper
 75 100
 77 31.1 24.9 37.3
 39 58.9 47.1 70.7





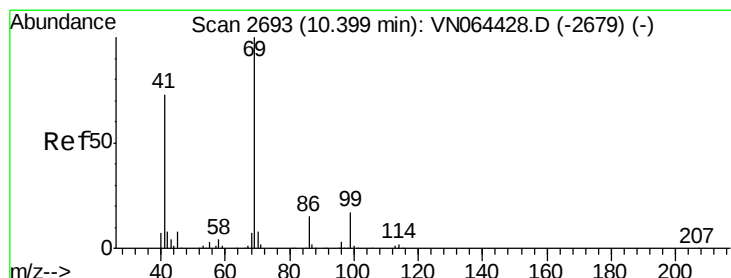
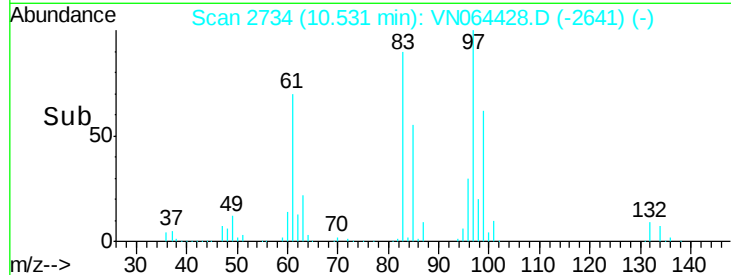
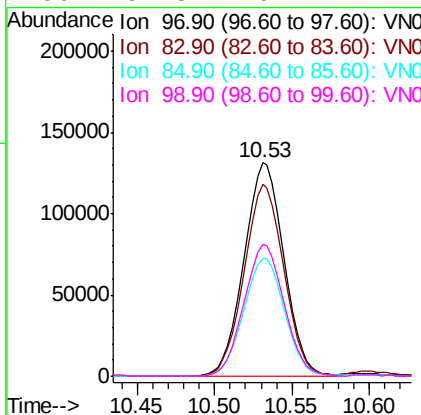
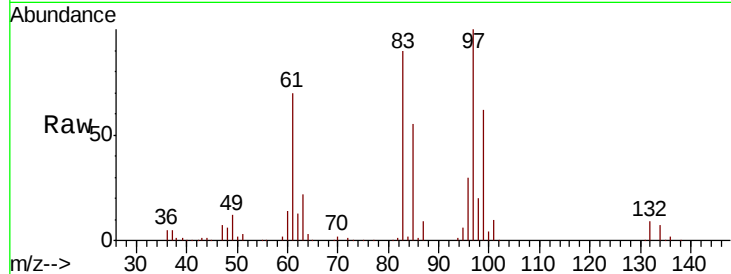
#55
 1,1,2-Trichloroethane
 Concen: 56.130 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN064428.D
 Acq: 4 Nov 2020 11:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion	97	Resp	236319
Ion	Ratio	Lower	Upper
97	100		
83	89.6	71.7	107.5
85	55.4	44.3	66.5
99	61.8	49.4	74.2

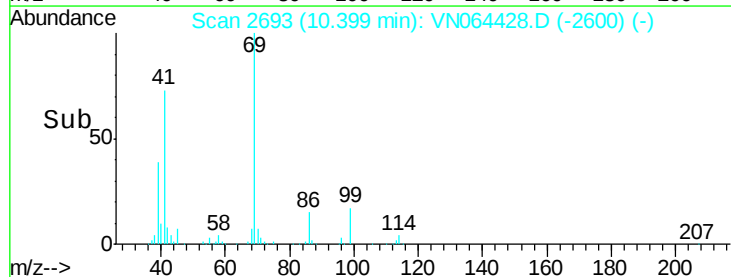
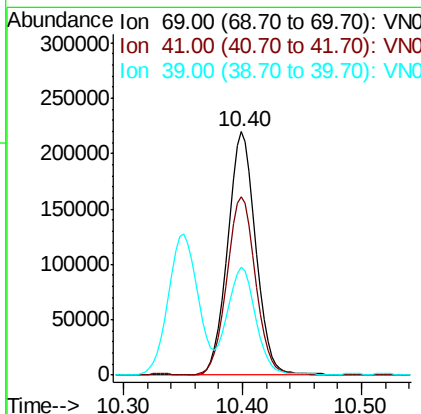
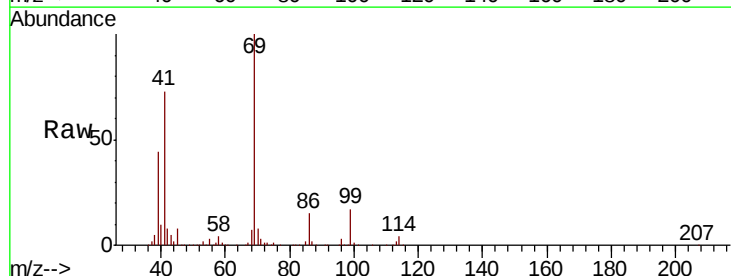
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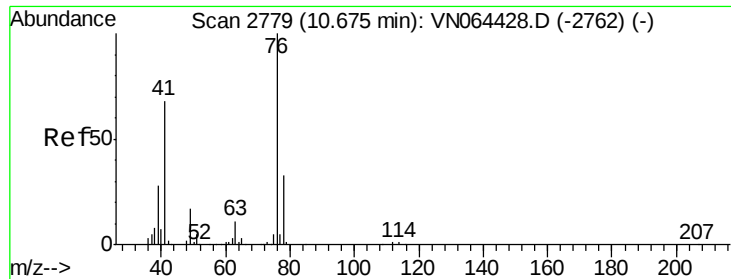
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 11/5/2020 2:19:16 PM



#56
 Ethyl methacrylate
 Concen: 56.672 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN064428.D
 Acq: 4 Nov 2020 11:00

Tgt Ion	69	Resp	359663
Ion	Ratio	Lower	Upper
69	100		
41	74.1	59.3	88.9
39	44.2	35.4	53.0





#57

1,3-Dichloropropane

Concen: 57.411 ug/l

RT: 10.68 min Scan# 2779

Delta R.T. 0.00 min

Lab File: VN064428.D

Acq: 4 Nov 2020 11:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion: 76 Resp: 412209

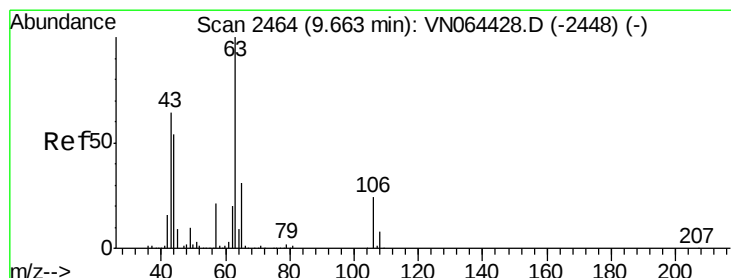
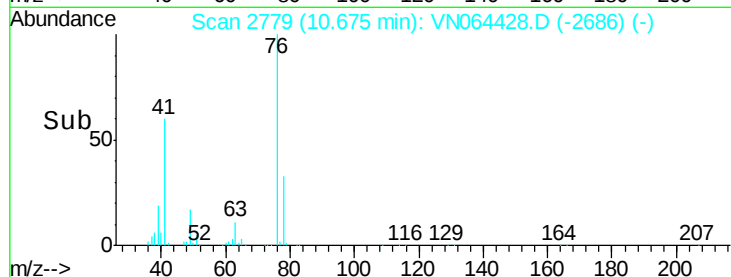
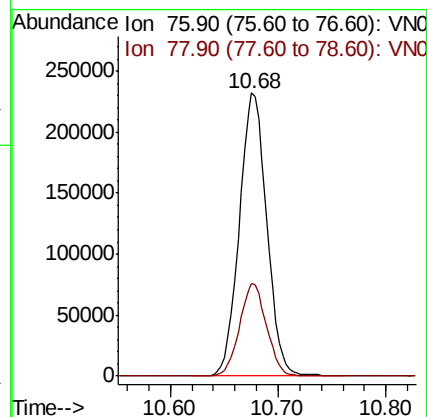
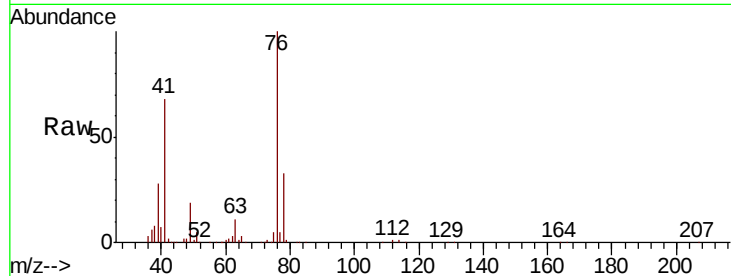
Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.6

Manual Integrations
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11/5/2020 2:19:16 PM



#58

2-Chloroethyl Vinyl ether

Concen: 202.278 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN064428.D

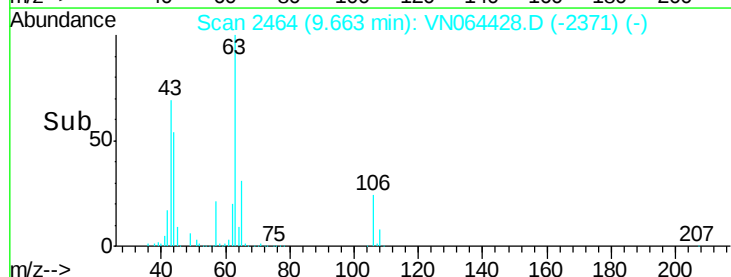
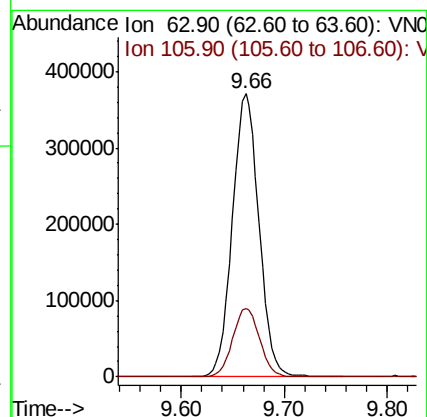
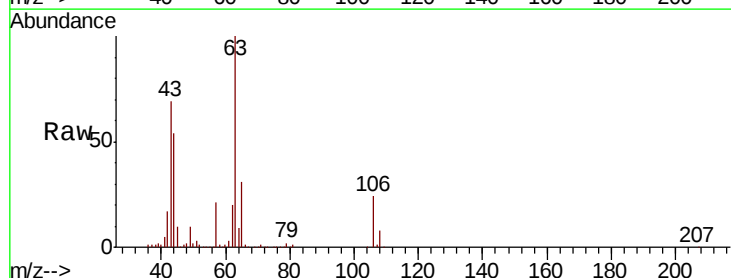
Acq: 4 Nov 2020 11:00

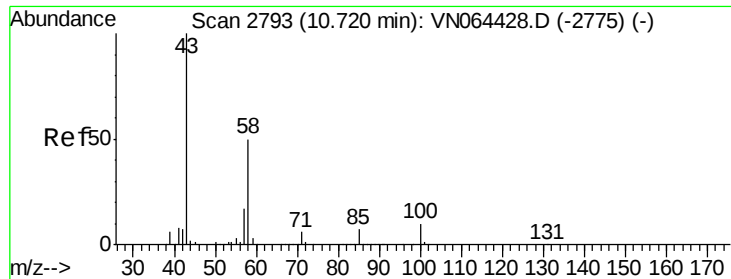
Tgt Ion: 63 Resp: 667900

Ion Ratio Lower Upper

63 100

106 24.4 19.5 29.3





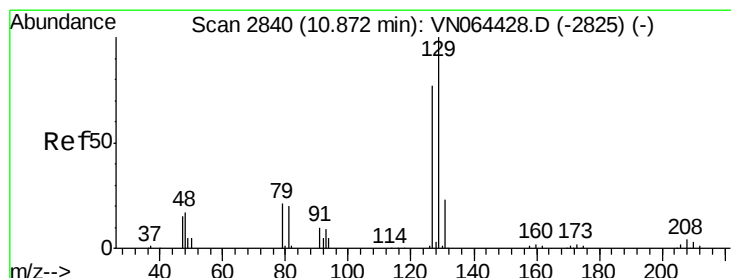
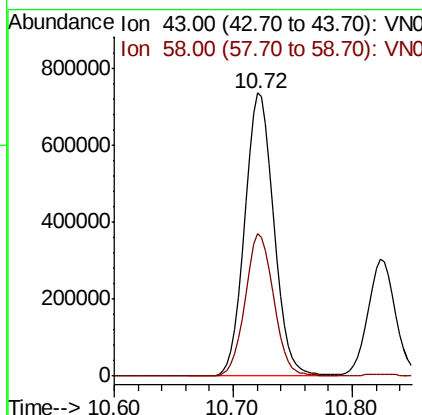
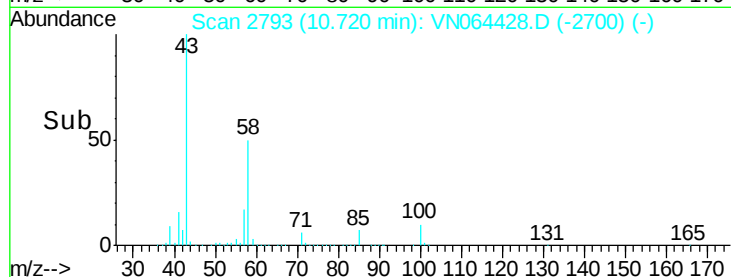
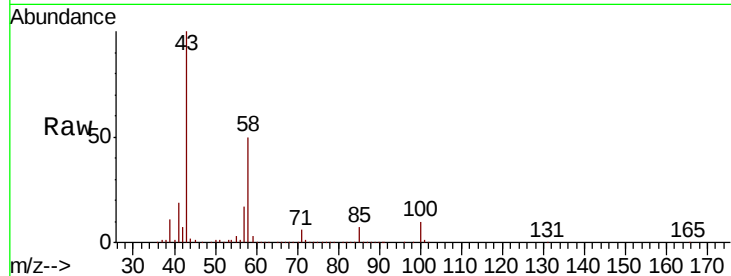
#59
2-Hexanone
Concen: 280.407 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN064428.D
Acq: 4 Nov 2020 11:00

Instrument :
MSVOA_N
ClientSampled :
VSTDICCC050

Tot Ion: 43 Resp: 1245519
Ion Ratio Lower Upper
43 100
58 49.4 24.7 74.1

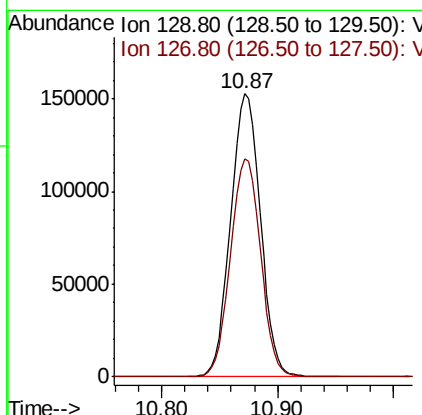
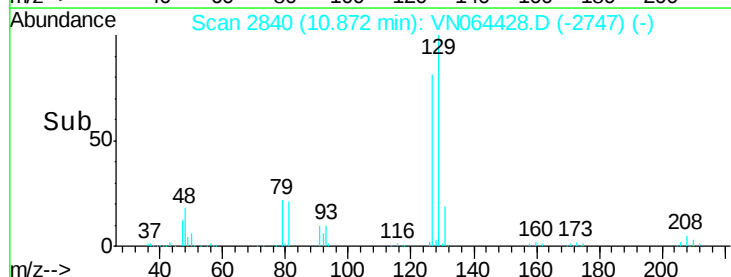
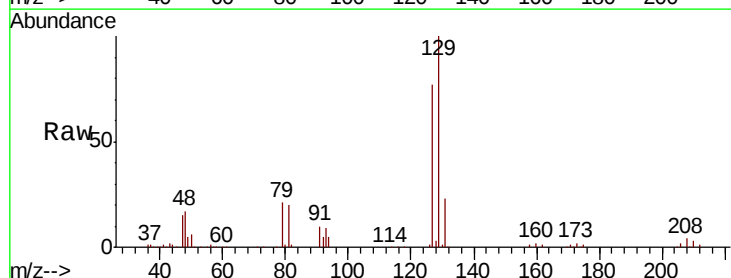
Manual Integrations
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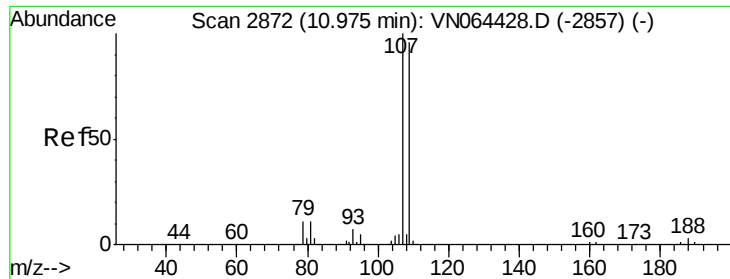
MMDadoda
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#60
Dibromochloromethane
Concen: 55.382 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VN064428.D
Acq: 4 Nov 2020 11:00

Tgt Ion: 129 Resp: 271479
Ion Ratio Lower Upper
129 100
127 77.8 38.9 116.7





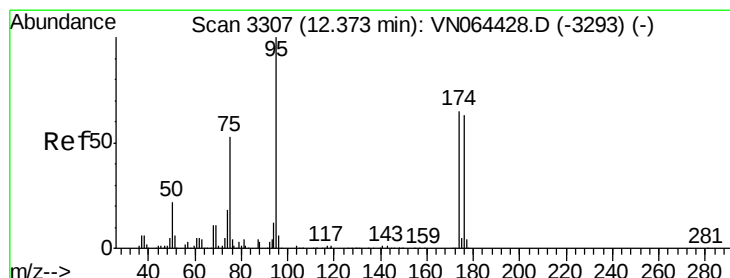
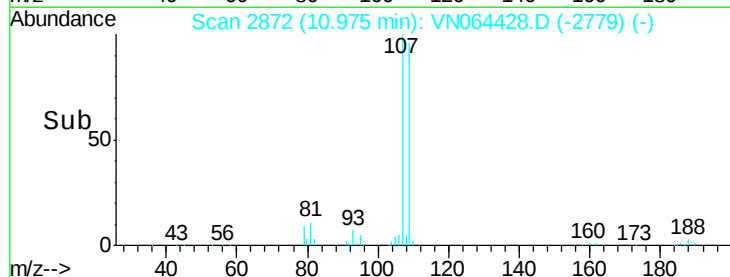
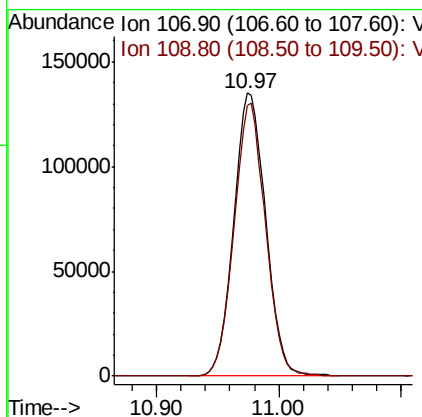
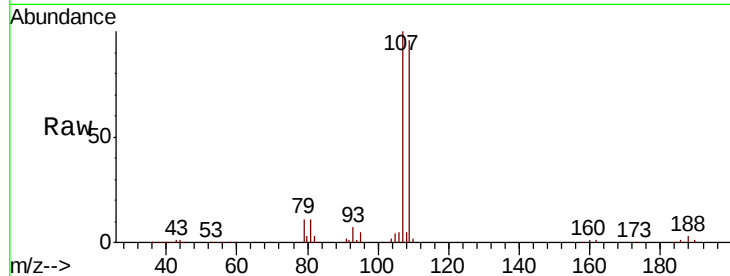
#61
 1,2-Dibromoethane
 Concen: 57.462 ug/l
 RT: 10.97 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: VN064428.D
 Acq: 4 Nov 2020 11:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.9	75.9	113.9

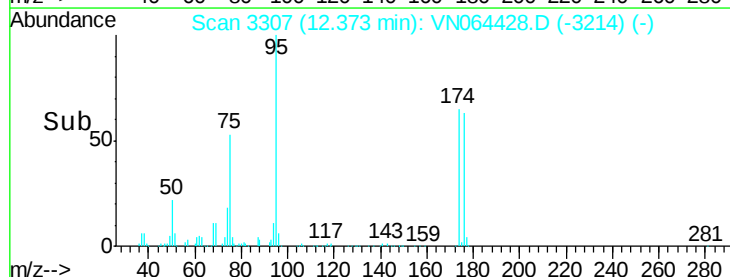
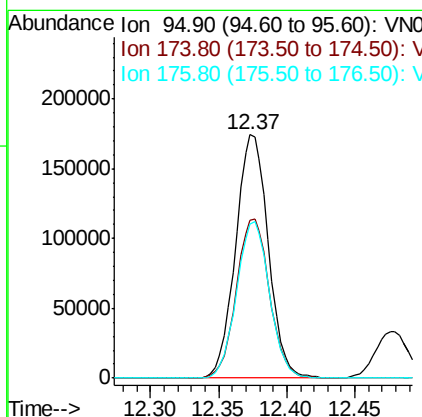
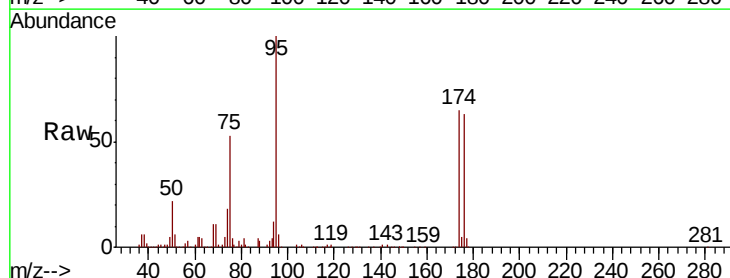
Manual Integrations
 APPROVED

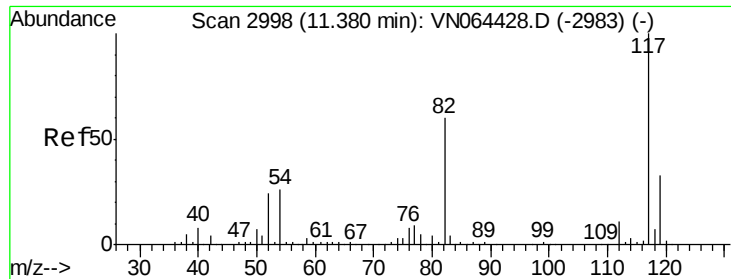
MMDadoda
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#62
 4-Bromofluorobenzene
 Concen: 50.773 ug/l
 RT: 12.37 min Scan# 3307
 Delta R.T. 0.00 min
 Lab File: VN064428.D
 Acq: 4 Nov 2020 11:00

Tgt Ion	Ratio	Lower	Upper
95	100		
174	66.3	0.0	132.6
176	64.6	0.0	129.2





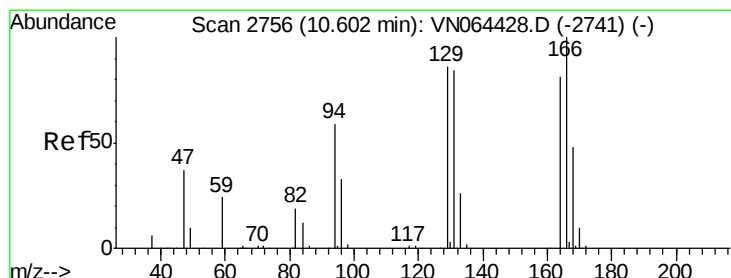
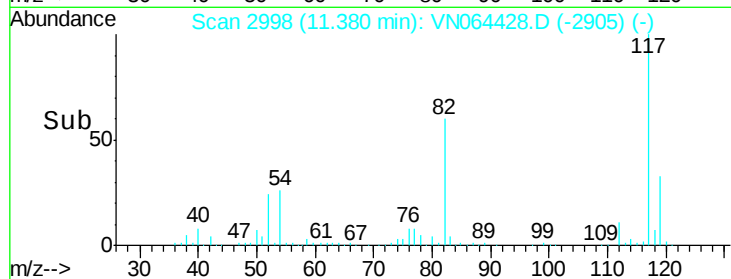
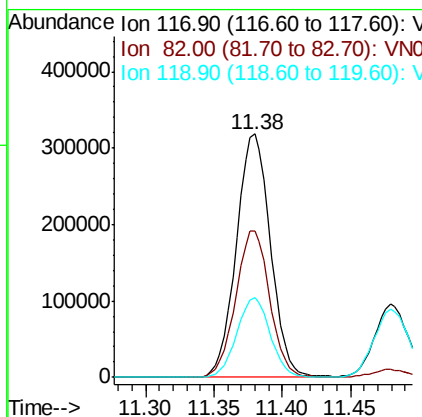
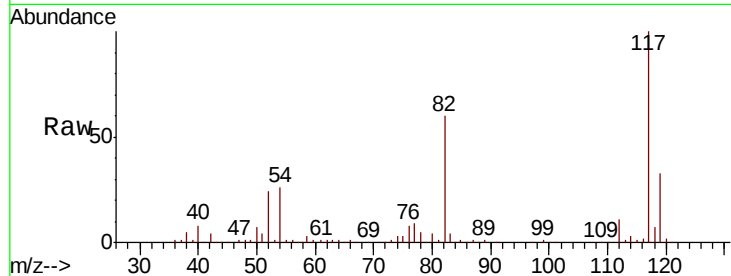
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064428.D
Acq: 4 Nov 2020 11:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.1	48.1	72.1
119	32.8	26.2	39.4

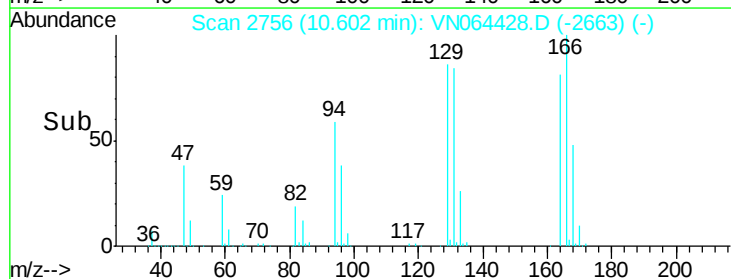
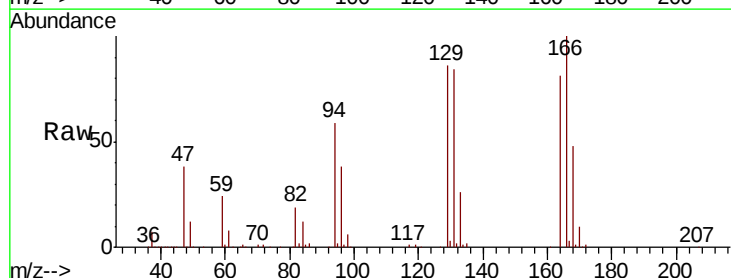
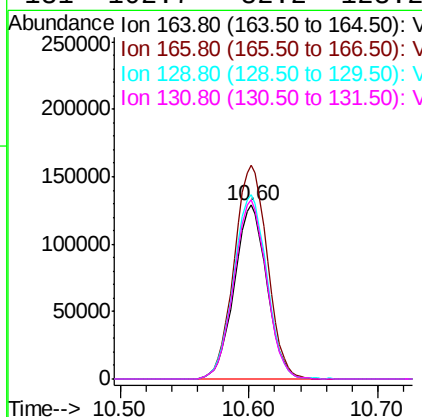
Manual Integrations
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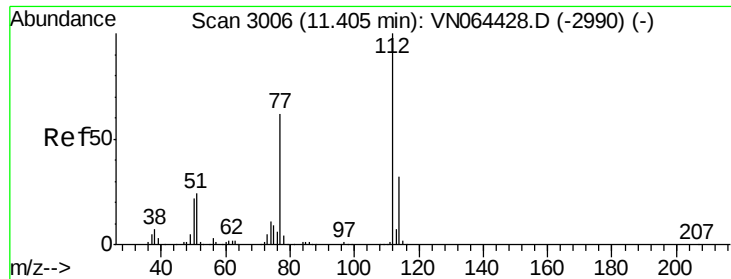
MMDadoda
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#64
Tetrachloroethene
Concen: 49.808 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN064428.D
Acq: 4 Nov 2020 11:00

Tgt Ion	Ratio	Lower	Upper
164	100		
166	122.7	98.2	147.2
129	105.8	84.6	127.0
131	102.7	82.2	123.2





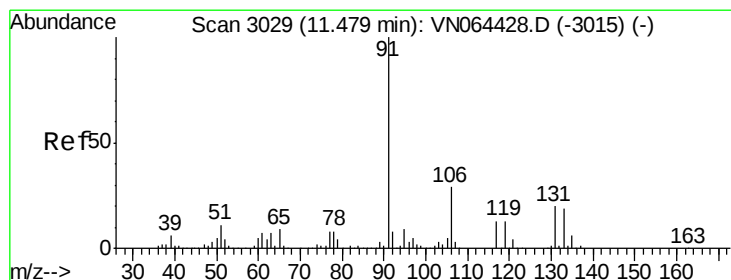
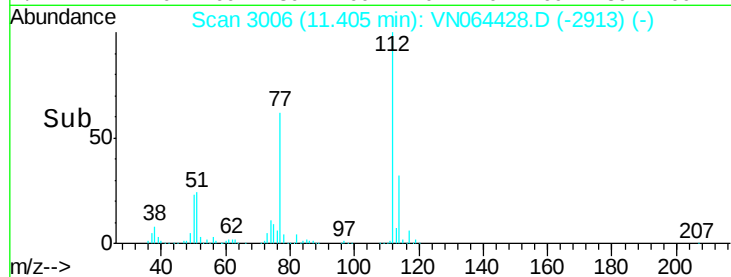
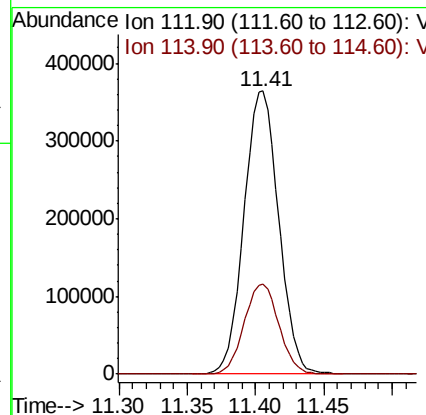
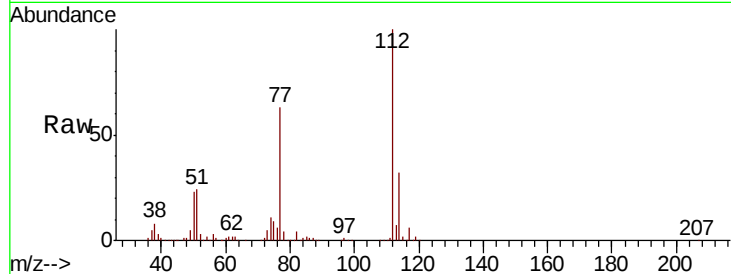
#65
Chlorobenzene
Concen: 56.194 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN064428.D
Acq: 4 Nov 2020 11:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion:112 Resp: 643709
Ion Ratio Lower Upper
112 100
114 32.0 25.6 38.4

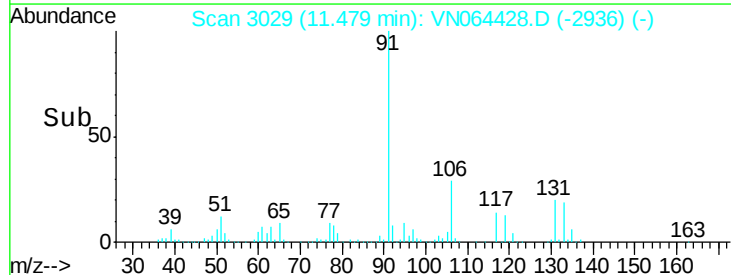
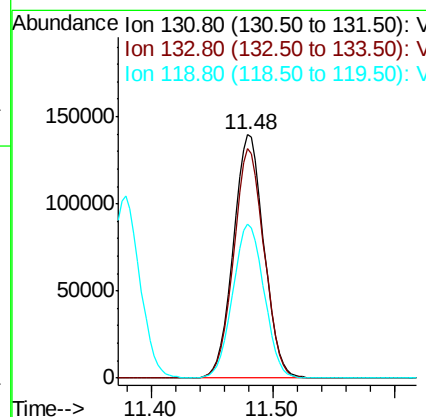
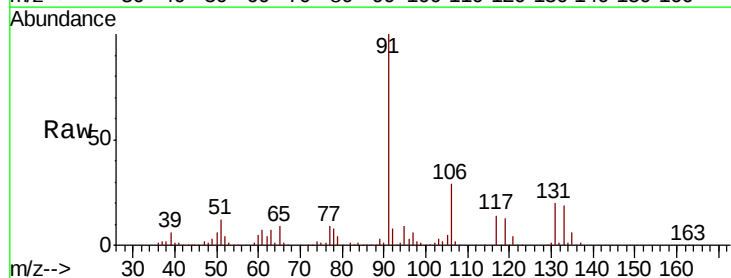
Manual Integrations
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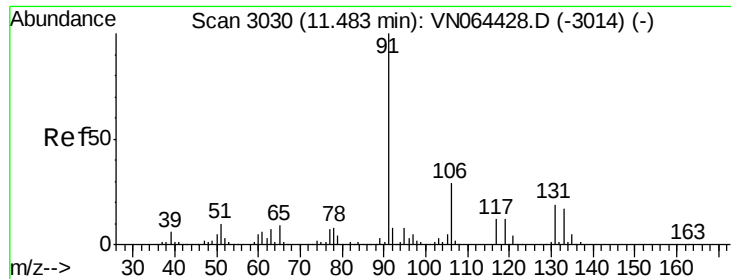
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11/5/2020 2:19:16 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 53.310 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN064428.D
Acq: 4 Nov 2020 11:00

Tgt Ion:131 Resp: 244319
Ion Ratio Lower Upper
131 100
133 93.8 46.9 140.7
119 64.3 32.1 96.5





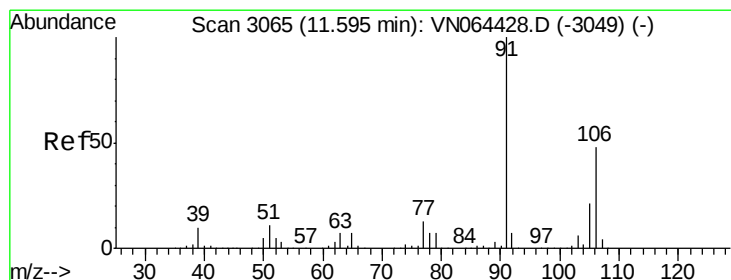
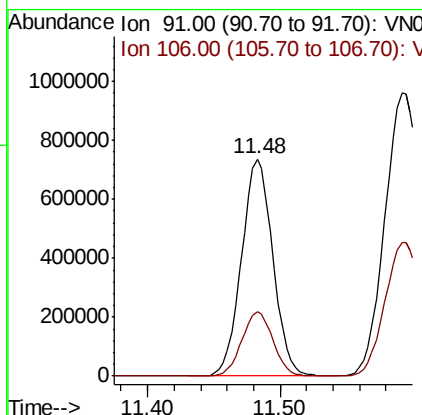
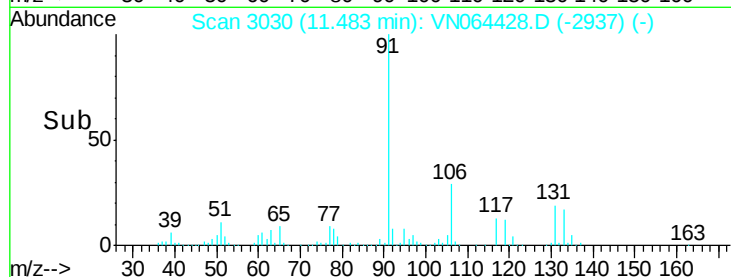
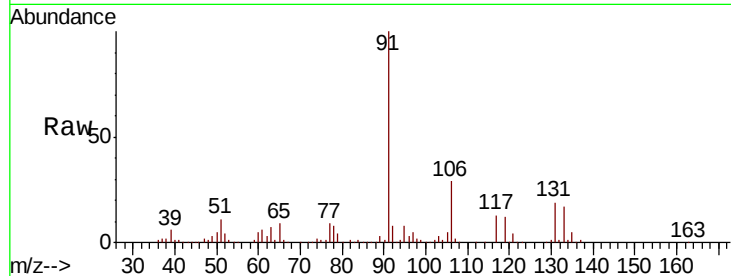
#67
Ethyl Benzene
Concen: 56.684 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064428.D
Acq: 4 Nov 2020 11:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion: 91 Resp: 1206226
Ion Ratio Lower Upper
91 100
106 29.5 23.6 35.4

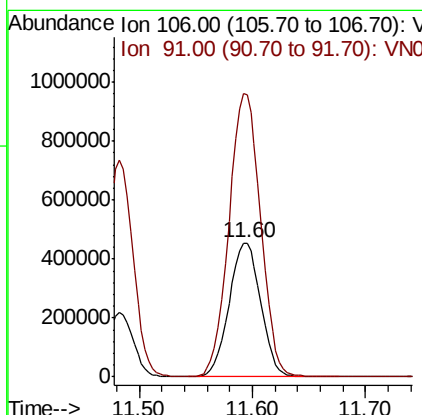
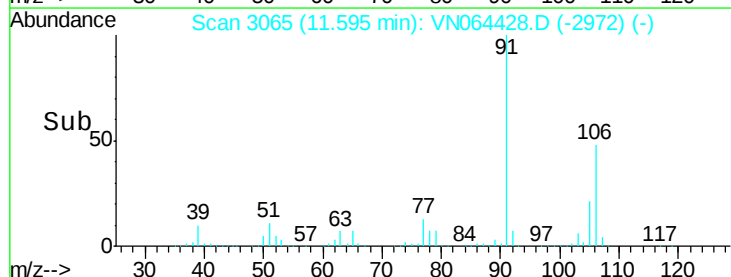
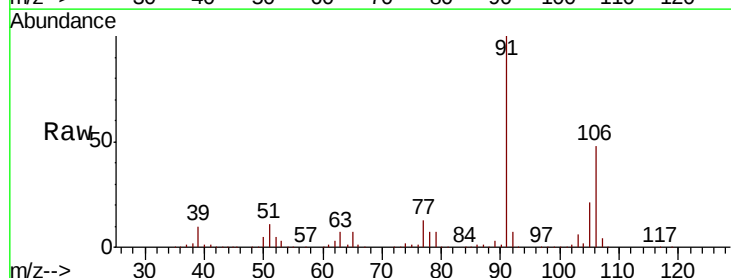
Manual Integrations
APPROVED

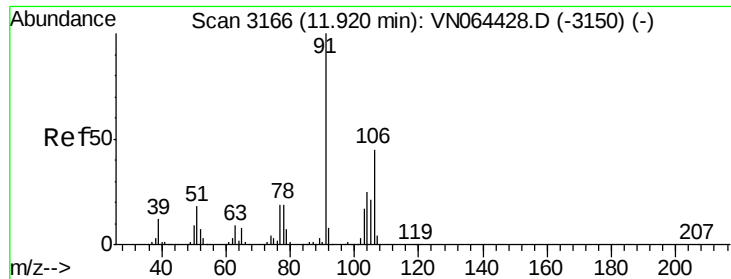
MMDadoda
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#68
m/p-Xylenes
Concen: 111.967 ug/l
RT: 11.60 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN064428.D
Acq: 4 Nov 2020 11:00

Tgt Ion: 106 Resp: 881620
Ion Ratio Lower Upper
106 100
91 211.8 169.4 254.2





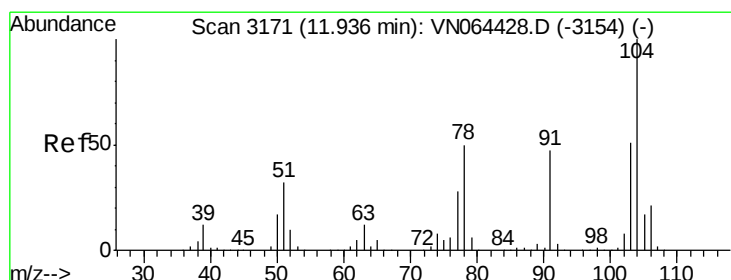
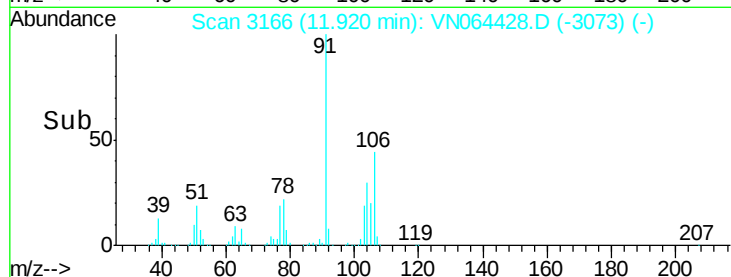
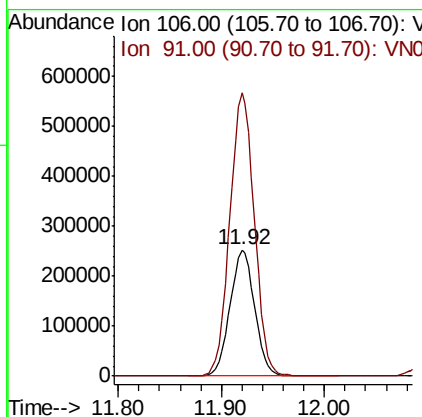
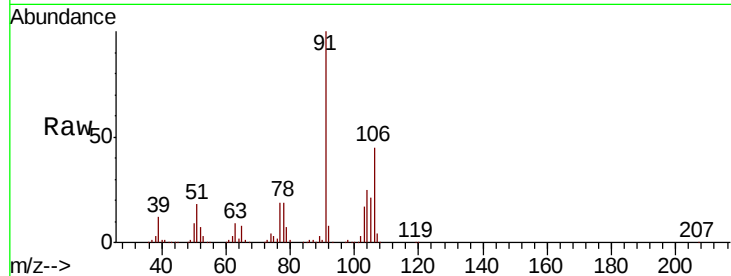
#69
o-Xylene
Concen: 55.600 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN064428.D
Acq: 4 Nov 2020 11:00

Instrument :
MSVOA_N
ClientSampled :
VSTDICCC050

Tot Ion:106 Resp: 422232
Ion Ratio Lower Upper
106 100
91 223.3 111.7 334.9

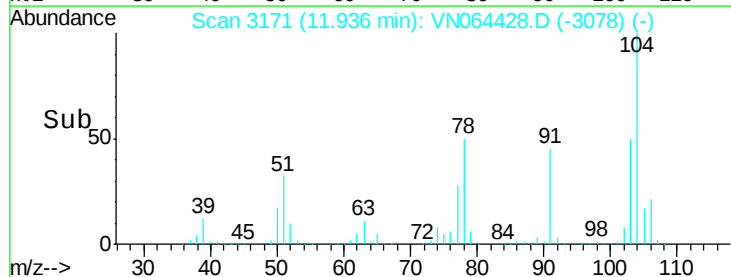
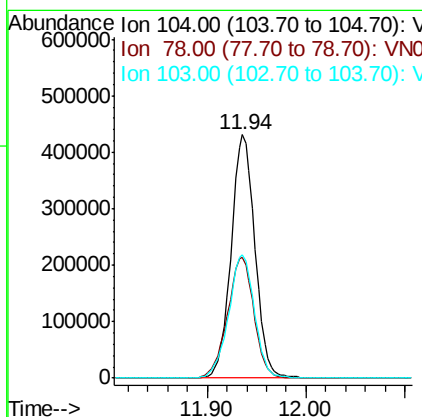
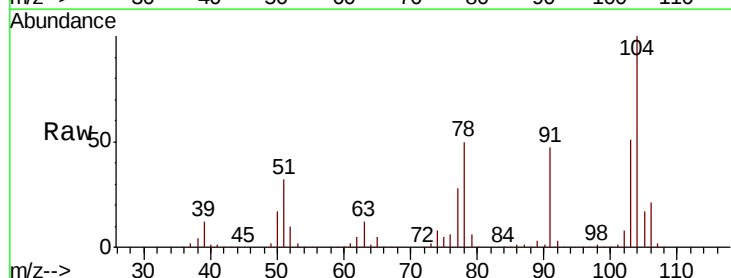
Manual Integrations
APPROVED

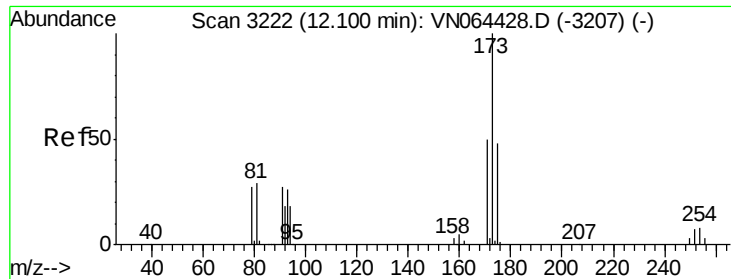
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#70
Styrene
Concen: 58.609 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. 0.00 min
Lab File: VN064428.D
Acq: 4 Nov 2020 11:00

Tgt Ion:104 Resp: 729485
Ion Ratio Lower Upper
104 100
78 55.0 44.0 66.0
103 54.7 43.8 65.6





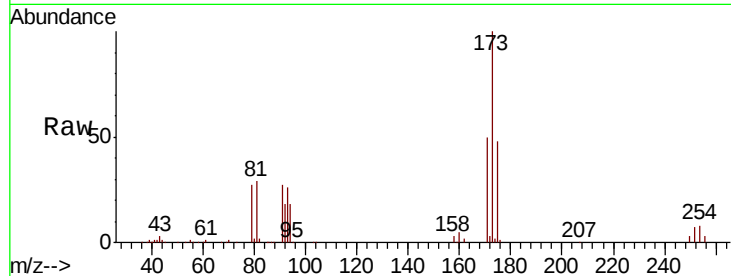
#71
Bromoform
Concen: 49.627 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN064428.D
Acq: 4 Nov 2020 11:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

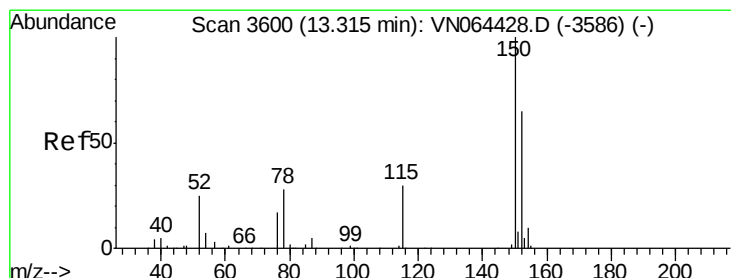
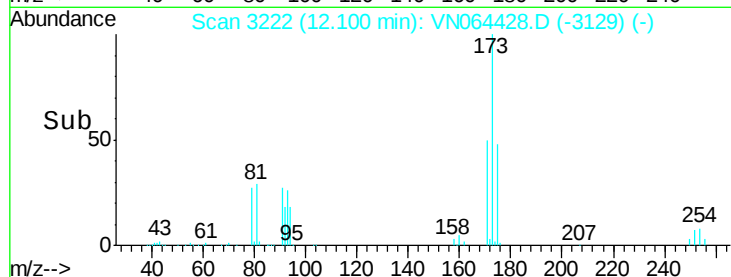
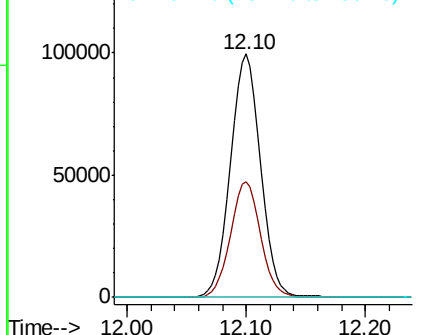
Tot Ion	Ratio	Lower	Upper
173	100		
175	47.4	23.7	71.1
254	0.0	0.0	0.0

Manual Integrations
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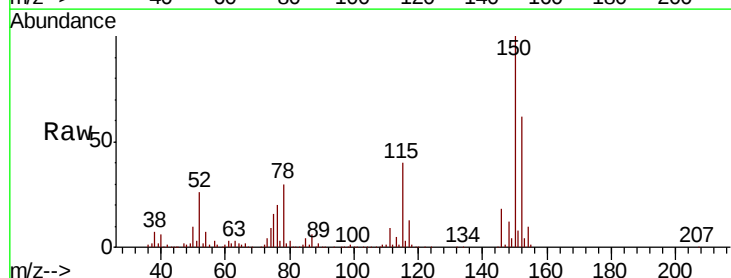


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

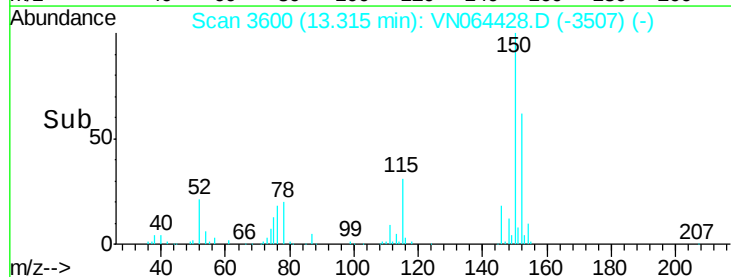
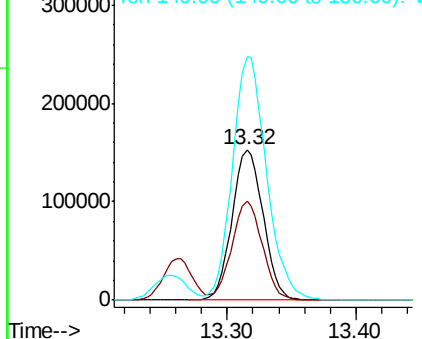


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN064428.D
Acq: 4 Nov 2020 11:00

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.0	32.0	96.0
150	176.9	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: 56.064 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064428.D

Acq: 4 Nov 2020 11:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion:105 Resp: 1100602

Ion Ratio Lower Upper

105 100

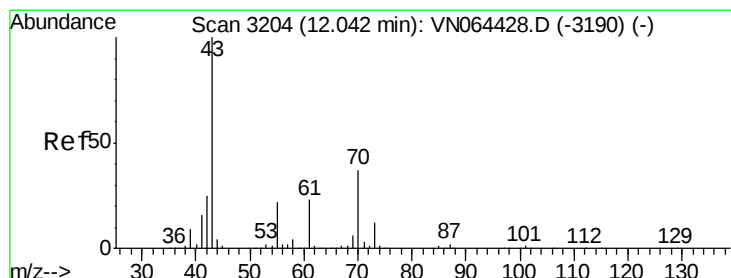
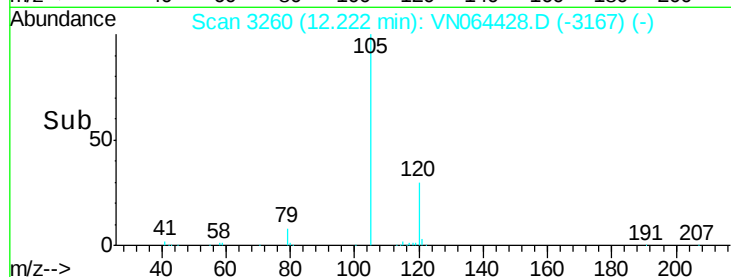
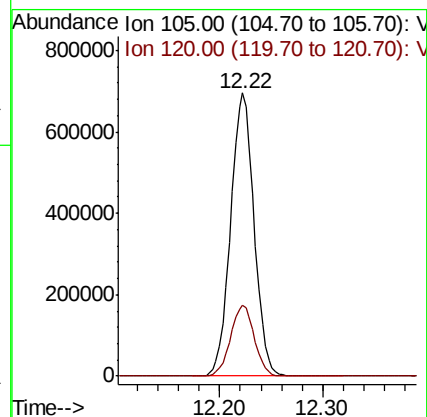
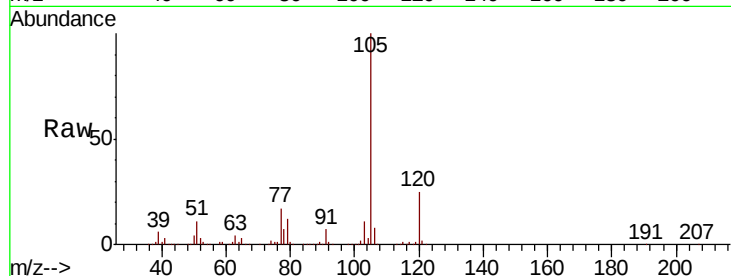
120 25.5 12.8 38.3

Manual Integrations

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#74

N-ethyl acetate

Concen: 58.093 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. 0.00 min

Lab File: VN064428.D

Acq: 4 Nov 2020 11:00

Tgt Ion: 43 Resp: 500664

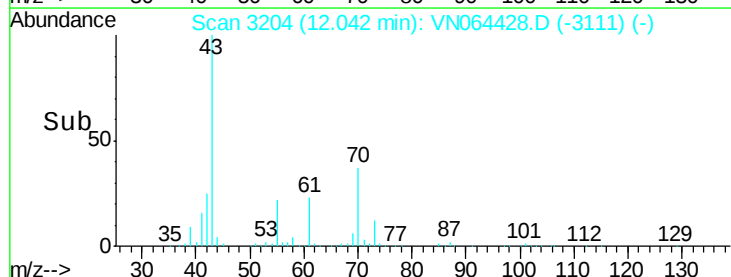
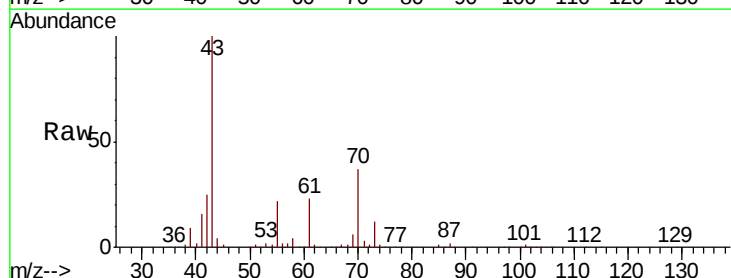
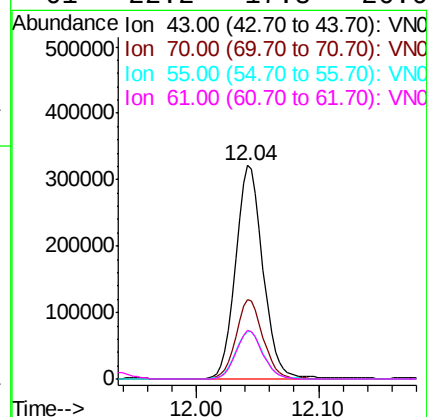
Ion Ratio Lower Upper

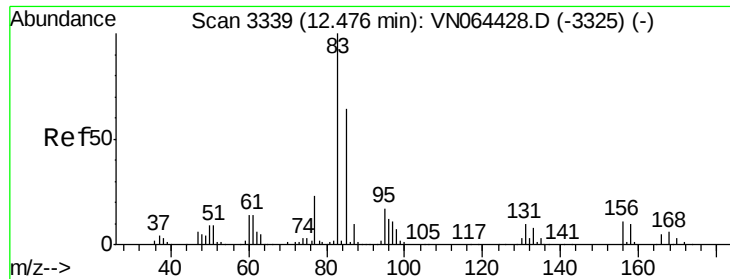
43 100

70 37.0 29.6 44.4

55 23.0 18.4 27.6

61 22.2 17.8 26.6





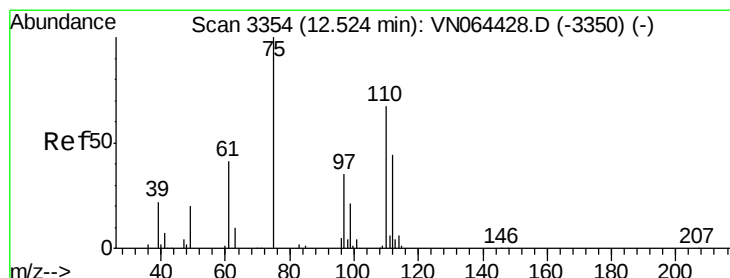
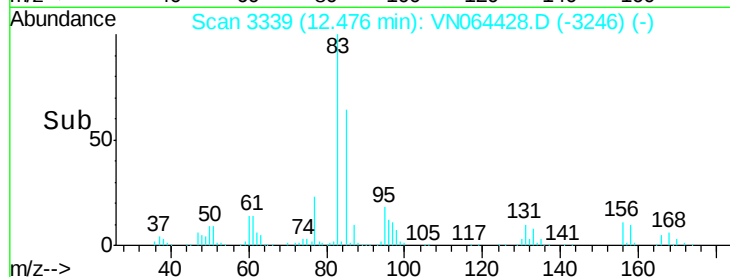
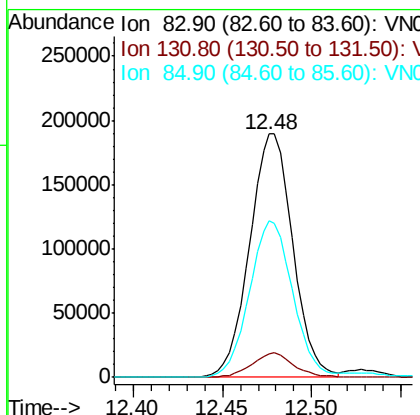
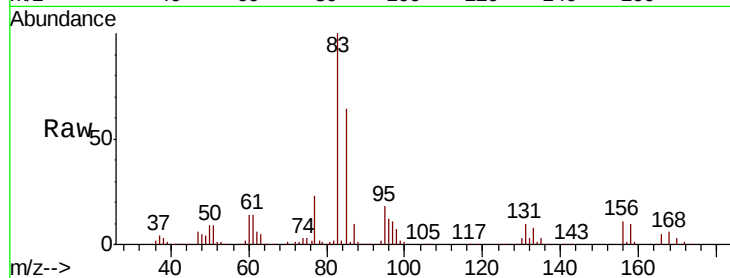
#75
 1,1,2,2-Tetrachloroethane
 Concen: 55.940 ug/l
 RT: 12.48 min Scan# 3339
 Delta R.T. 0.00 min
 Lab File: VN064428.D
 Acq: 4 Nov 2020 11:00

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
131	9.8	4.9	14.7	
85	64.3	32.1	96.5	

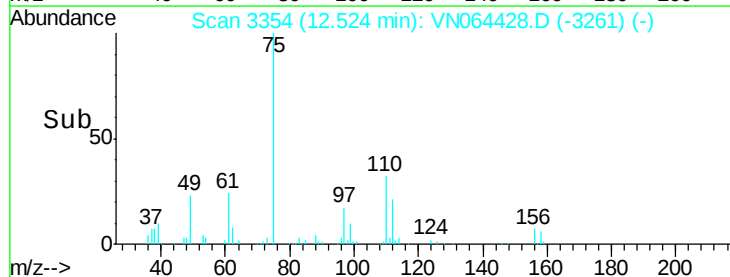
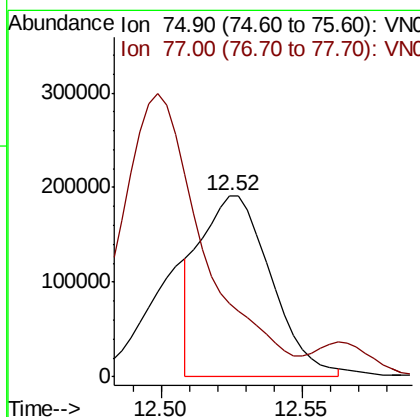
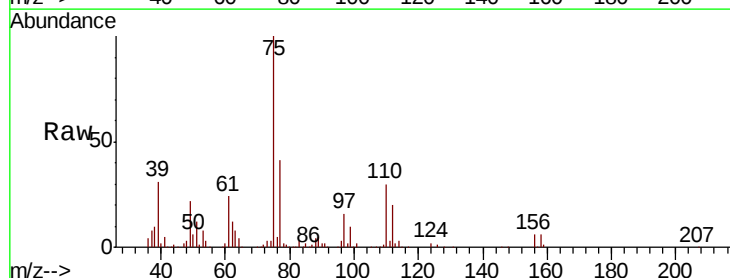
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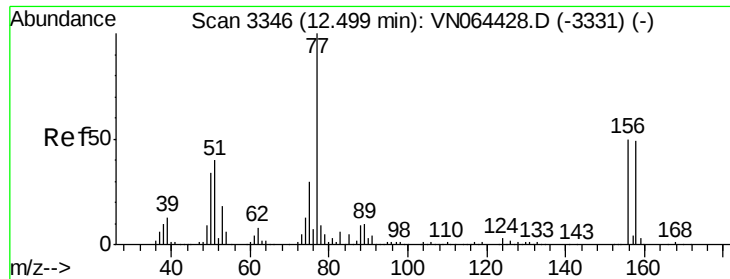
MMDadoda
 11/5/2020 2:19:16 PM



#76
 1,2,3-Trichloropropane
 Concen: 54.337 ug/l m
 RT: 12.52 min Scan# 3354
 Delta R.T. 0.00 min
 Lab File: VN064428.D
 Acq: 4 Nov 2020 11:00

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





#77

Bromobenzene

Concen: 54.046 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064428.D

Acq: 4 Nov 2020 11:00

Instrument :

MSVOA_N

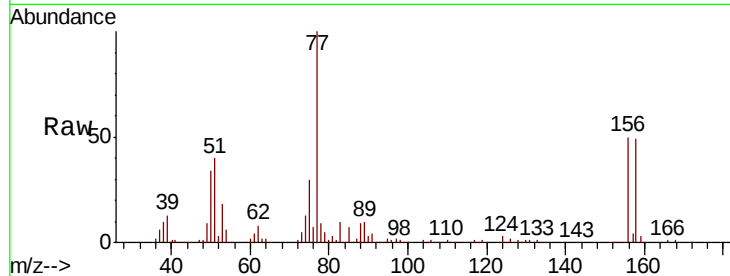
ClientSampleId :

VSTDICCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	238.0	119.0	357.0
158	96.9	48.4	145.3

Manual Integrations
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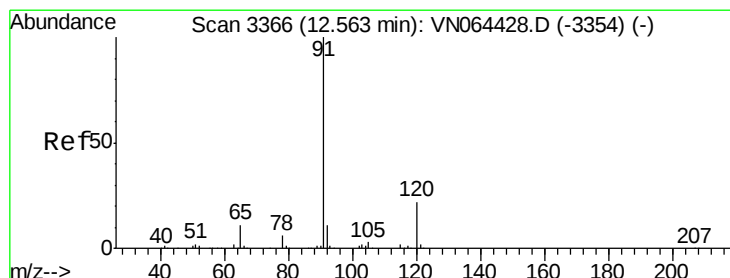
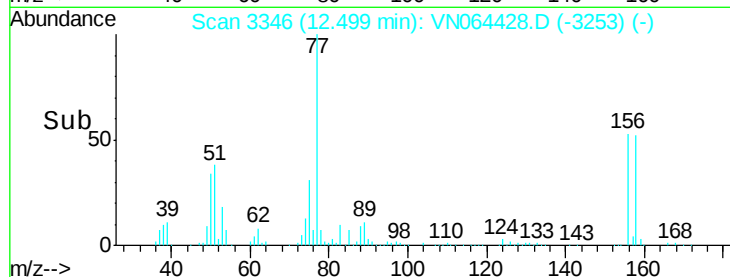
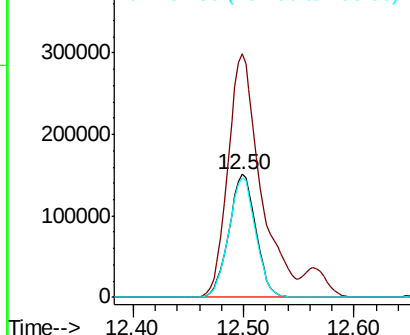
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 57.262 ug/l

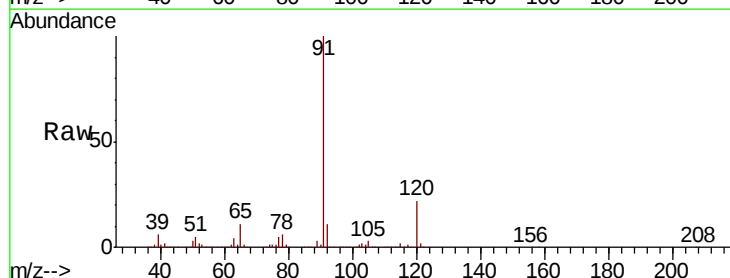
RT: 12.56 min Scan# 3366

Delta R.T. 0.00 min

Lab File: VN064428.D

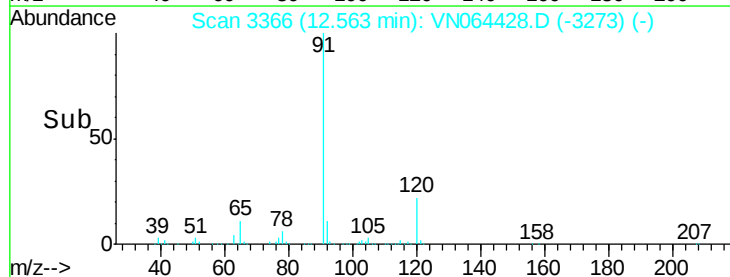
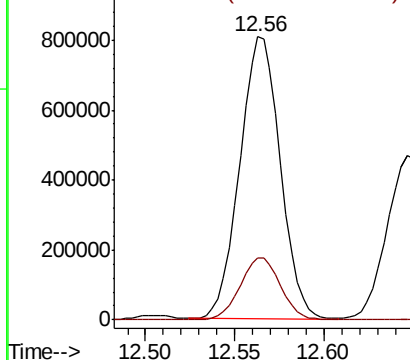
Acq: 4 Nov 2020 11:00

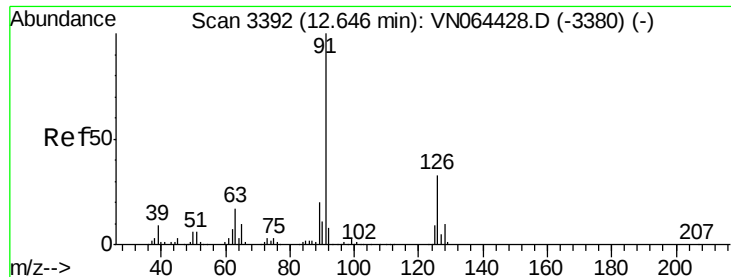
Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.0	11.0	33.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





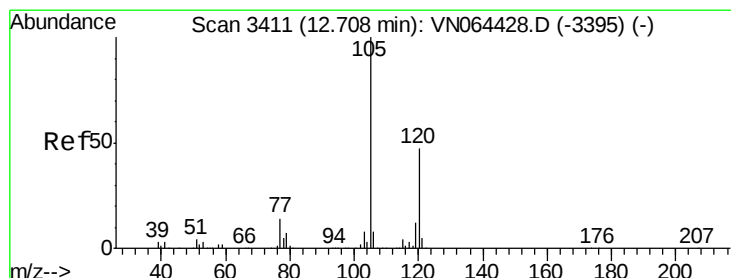
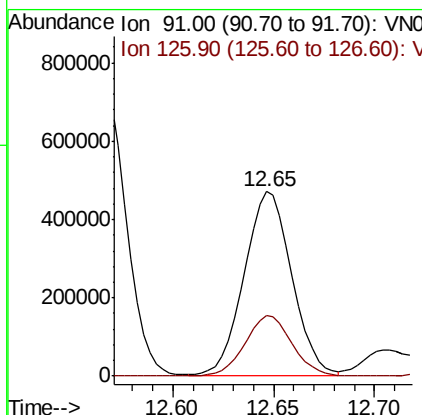
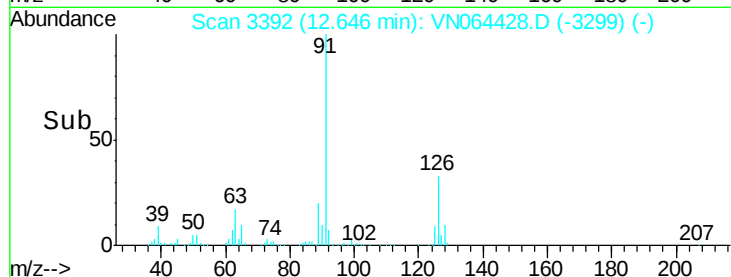
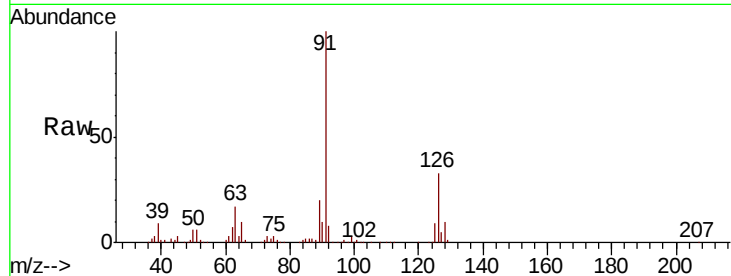
#79
 2-Chlorotoluene
 Concen: 54.405 ug/l
 RT: 12.65 min Scan# 3392
 Delta R.T. 0.00 min
 Lab File: VN064428.D
 Acq: 4 Nov 2020 11:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion: 91 Resp: 769891
 Ion Ratio Lower Upper
 91 100
 126 32.7 16.4 49.1

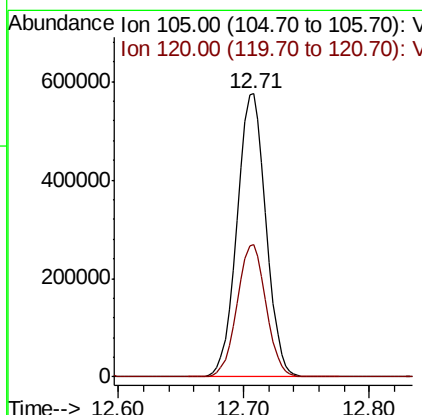
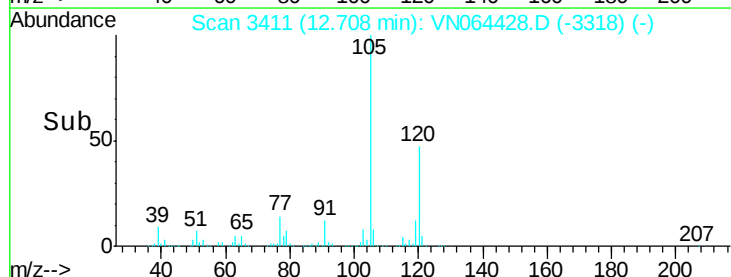
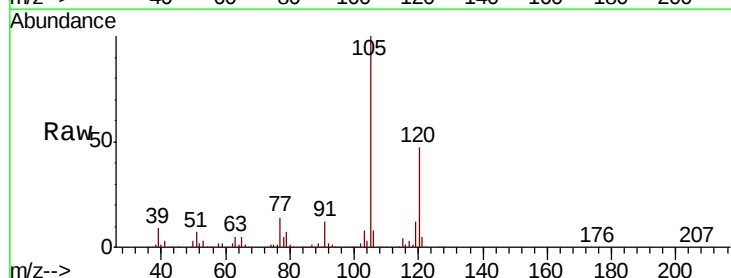
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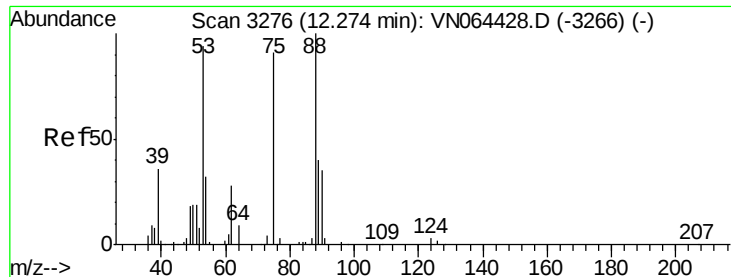
MMDadoda
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#80
 1,3,5-Trimethylbenzene
 Concen: 55.549 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN064428.D
 Acq: 4 Nov 2020 11:00

Tgt Ion: 105 Resp: 918355
 Ion Ratio Lower Upper
 105 100
 120 46.8 23.4 70.2





#81

trans-1,4-Dichloro-2-butene

Concen: 56.072 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. 0.00 min

Lab File: VN064428.D

Acq: 4 Nov 2020 11:00

Instrument :

MSVOA_N

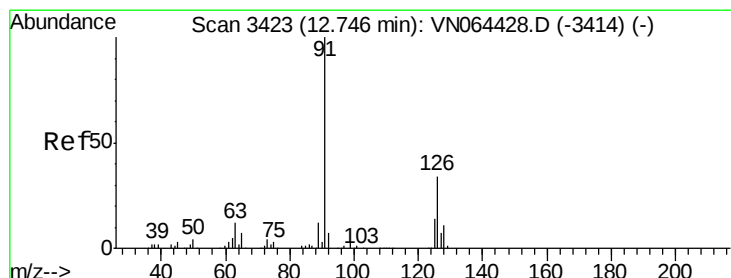
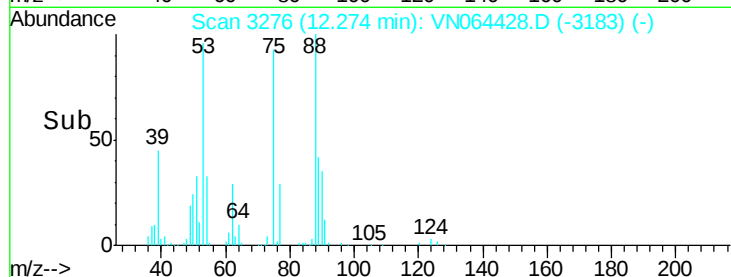
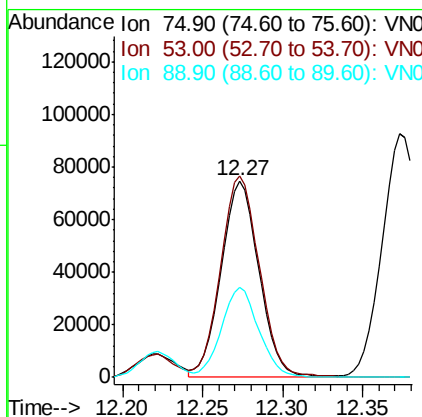
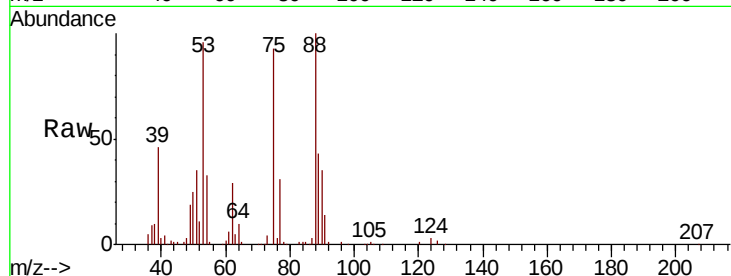
ClientSampleId :

VSTDICCC050

Tot Ion:	75	Resp:	121227
Ion	Ratio	Lower	Upper
75	100		
53	105.0	84.0	126.0
89	45.4	36.3	54.5

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#82

4-Chlorotoluene

Concen: 57.181 ug/l

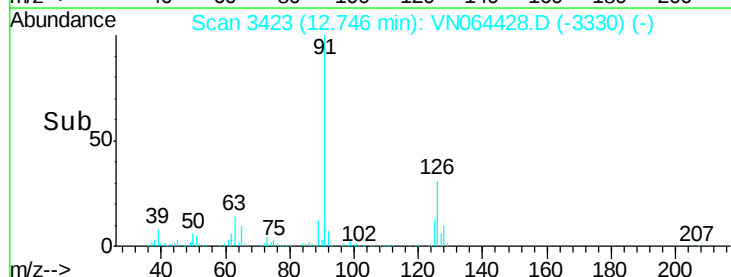
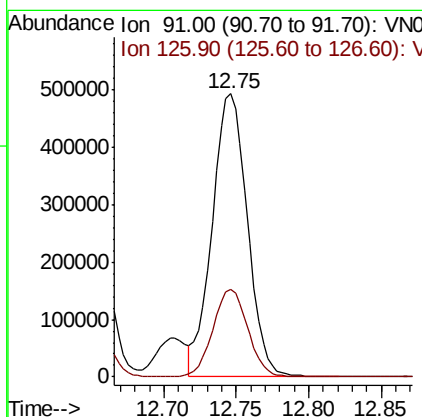
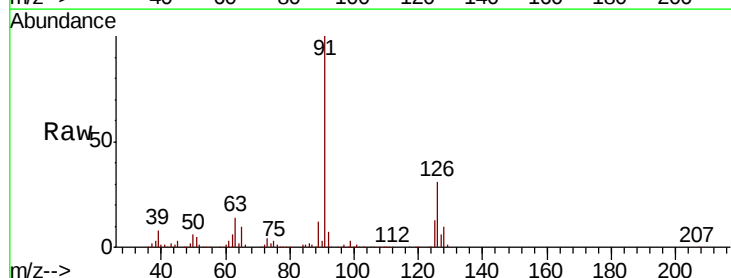
RT: 12.75 min Scan# 3423

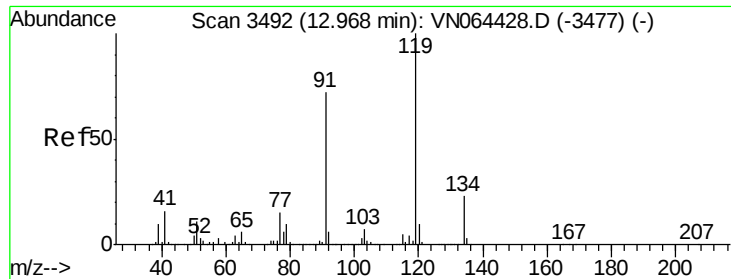
Delta R.T. 0.00 min

Lab File: VN064428.D

Acq: 4 Nov 2020 11:00

Tgt Ion:	91	Resp:	829519
Ion	Ratio	Lower	Upper
91	100		
126	30.8	15.4	46.2





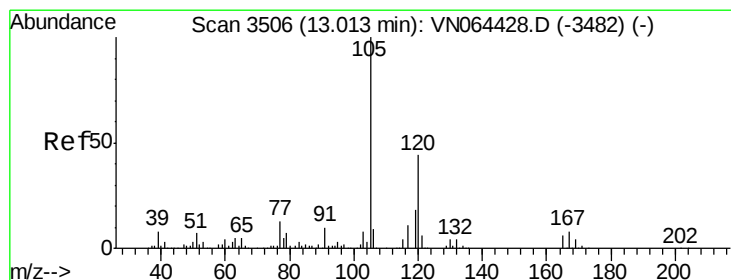
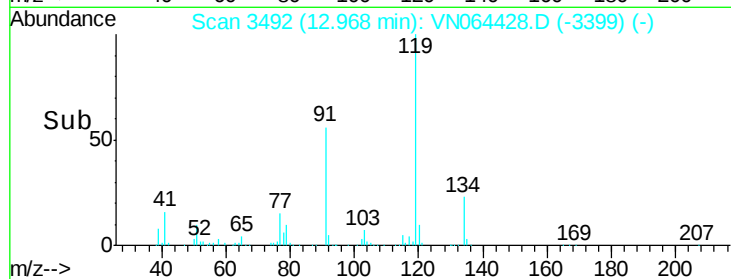
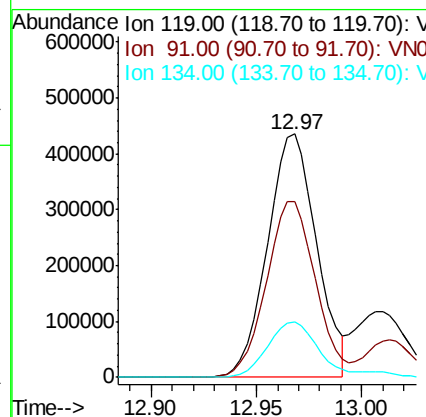
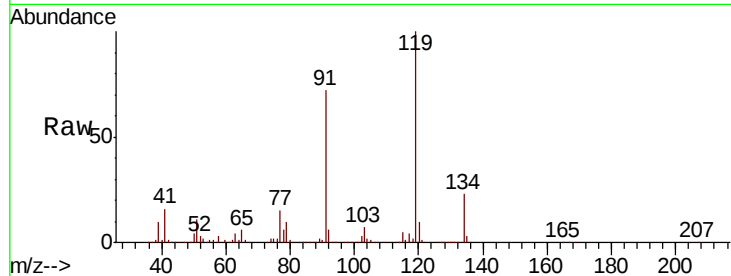
#83
 tert-Butylbenzene
 Concen: 52.499 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: VN064428.D
 Acq: 4 Nov 2020 11:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	72.2	36.1	108.3
134	23.4	11.7	35.1

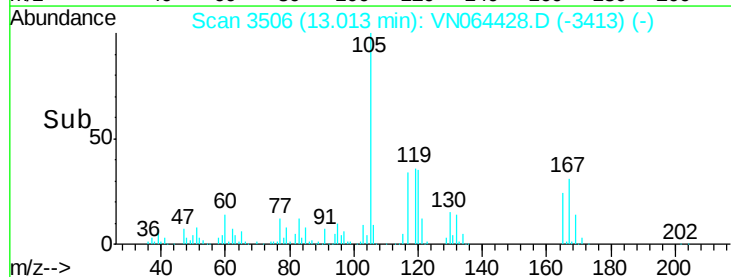
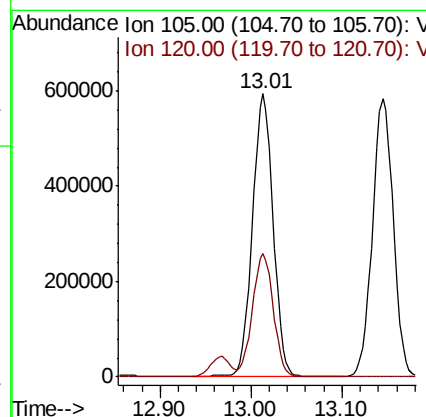
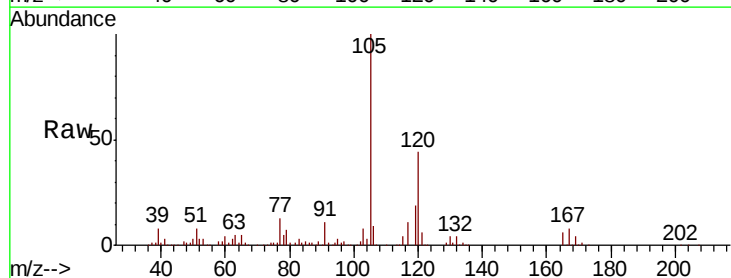
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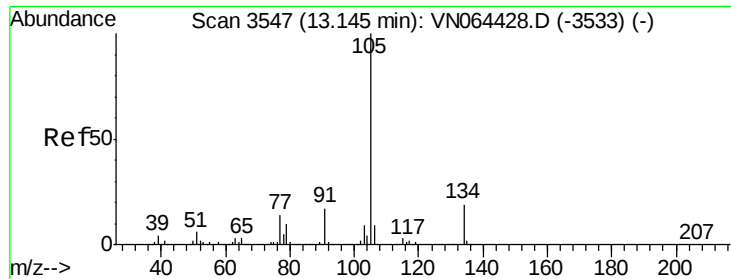
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#84
 1,2,4-Trimethylbenzene
 Concen: 56.808 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN064428.D
 Acq: 4 Nov 2020 11:00

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.8	21.9	65.7





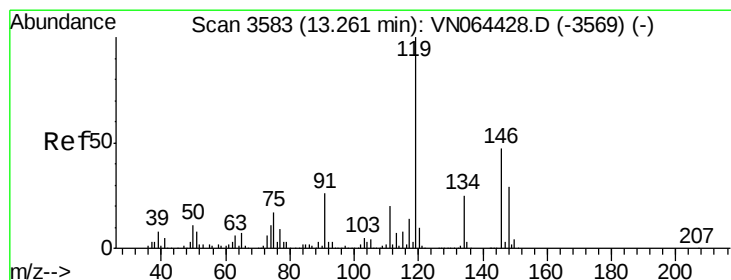
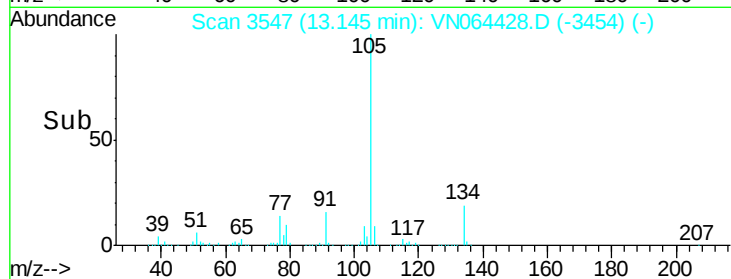
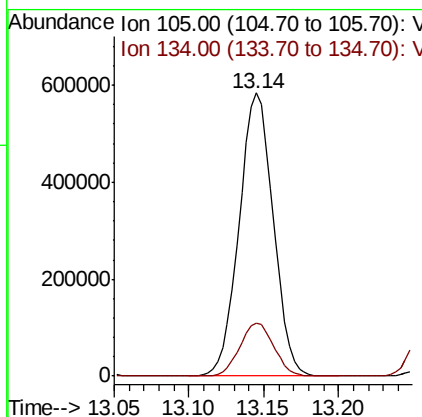
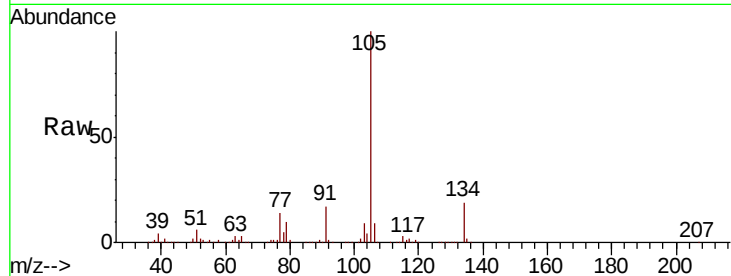
#85
 sec-Butylbenzene
 Concen: 52.953 ug/l
 RT: 13.14 min Scan# 3547
 Delta R.T. 0.00 min
 Lab File: VN064428.D
 Acq: 4 Nov 2020 11:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	18.8	9.4	28.2

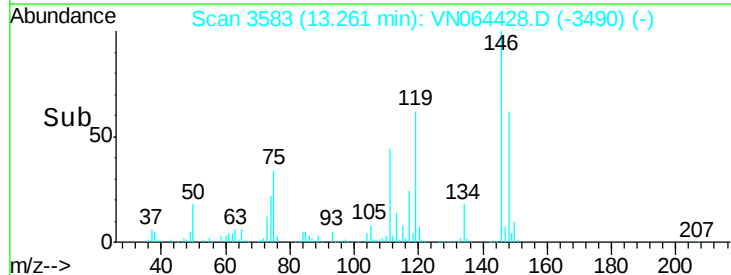
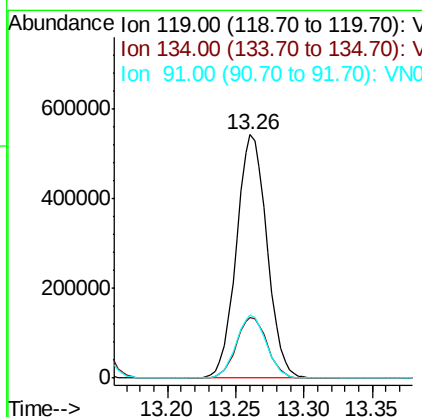
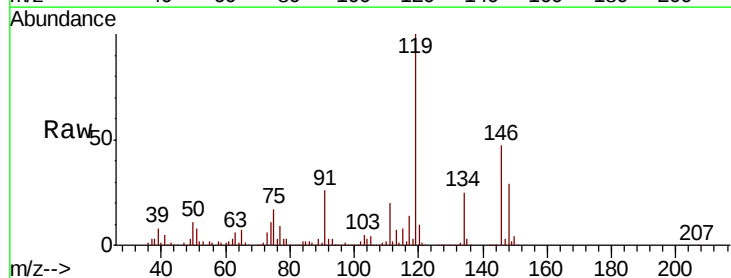
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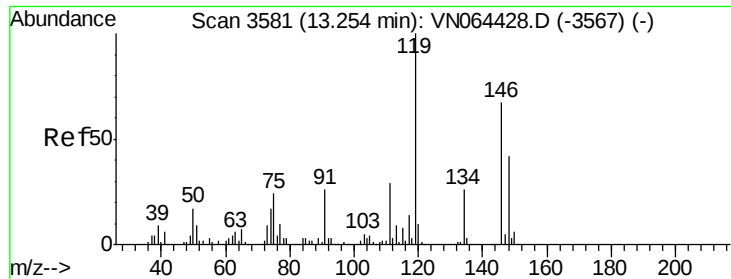
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#86
 p-Isopropyltoluene
 Concen: 53.477 ug/l
 RT: 13.26 min Scan# 3583
 Delta R.T. 0.00 min
 Lab File: VN064428.D
 Acq: 4 Nov 2020 11:00

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.1	12.6	37.6
91	25.5	12.8	38.3





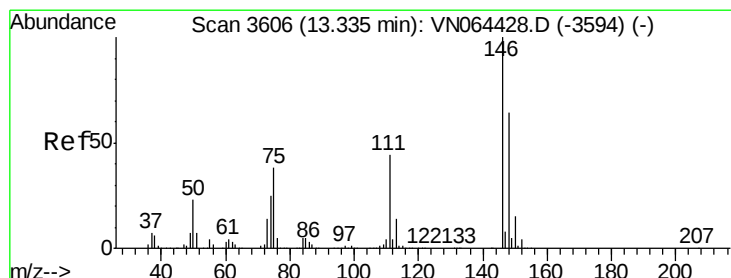
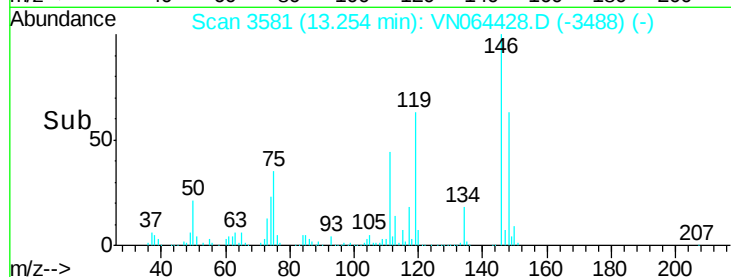
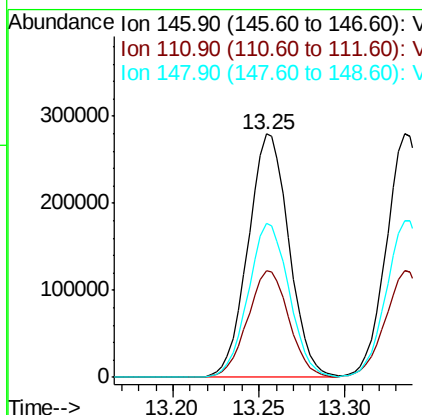
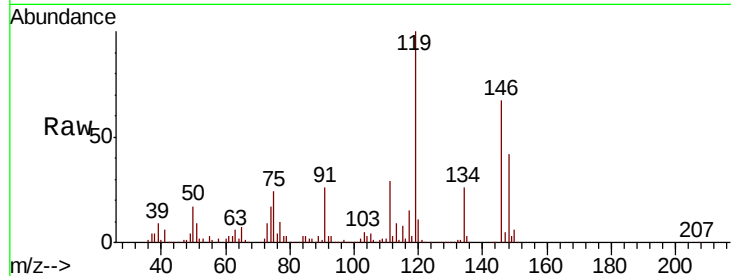
#87
 1,3-Dichlorobenzene
 Concen: 55.145 ug/l
 RT: 13.25 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN064428.D
 Acq: 4 Nov 2020 11:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100			
111	44.1	22.1	66.1	
148	63.4	31.7	95.1	

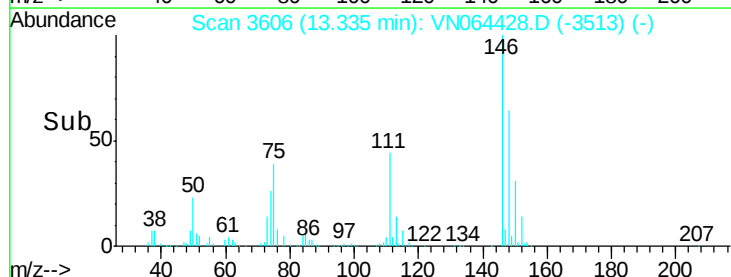
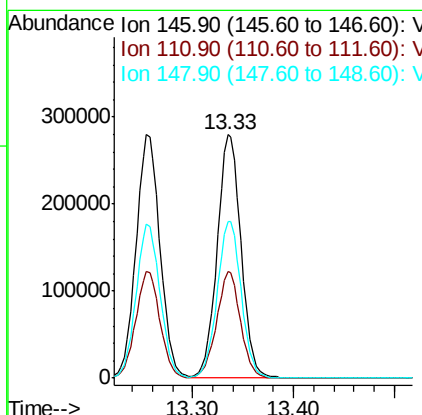
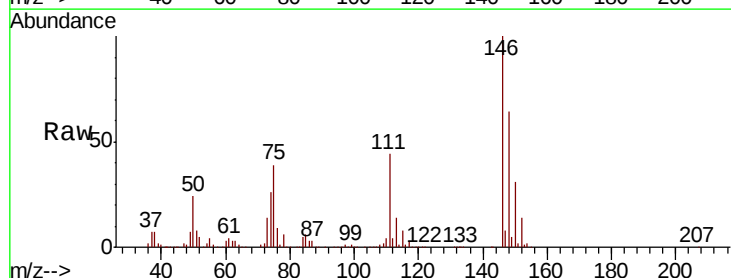
Manual Integrations
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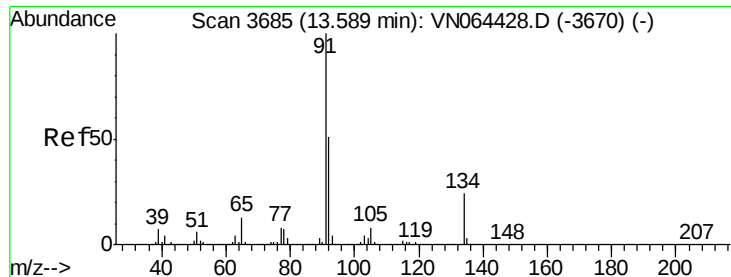
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#88
 1,4-Dichlorobenzene
 Concen: 54.011 ug/l
 RT: 13.33 min Scan# 3606
 Delta R.T. 0.00 min
 Lab File: VN064428.D
 Acq: 4 Nov 2020 11:00

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
111	43.5	21.8	65.3	
148	64.8	32.4	97.2	





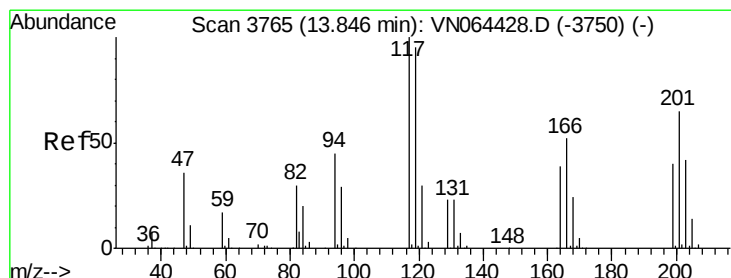
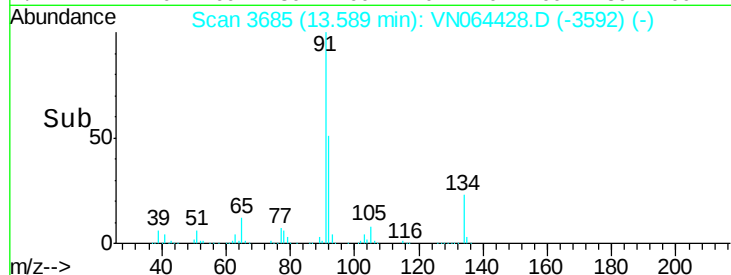
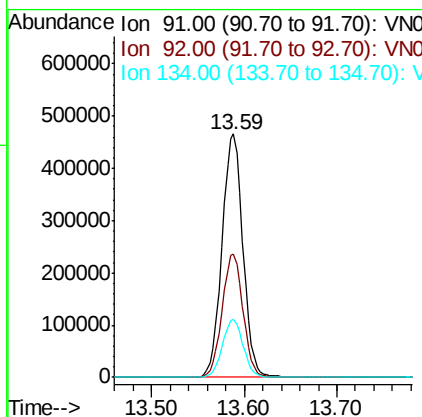
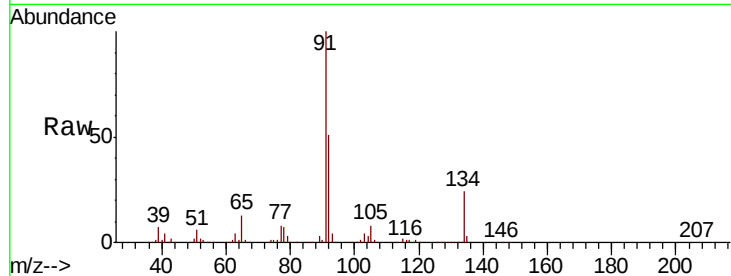
#89
n-Butylbenzene
Concen: 52.633 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN064428.D
Acq: 4 Nov 2020 11:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	50.6	25.3	75.9
134	23.6	11.8	35.4

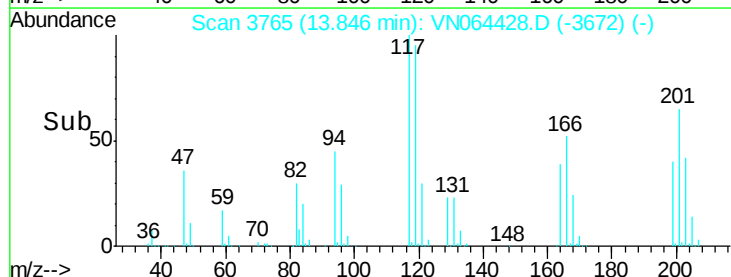
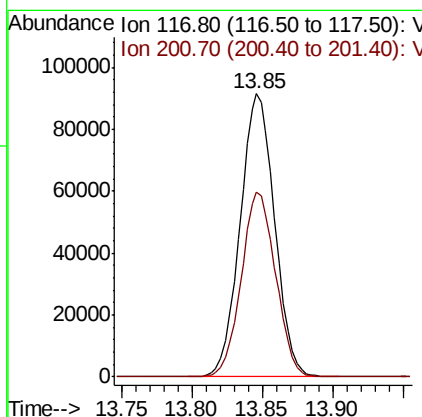
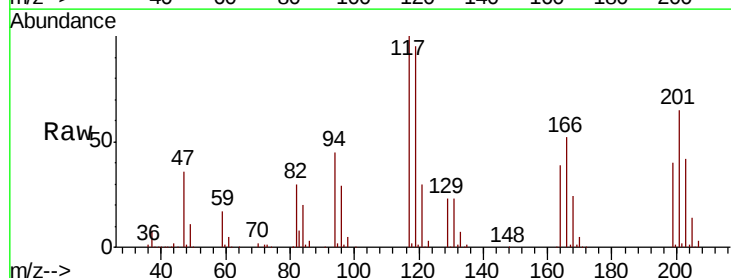
Manual Integrations
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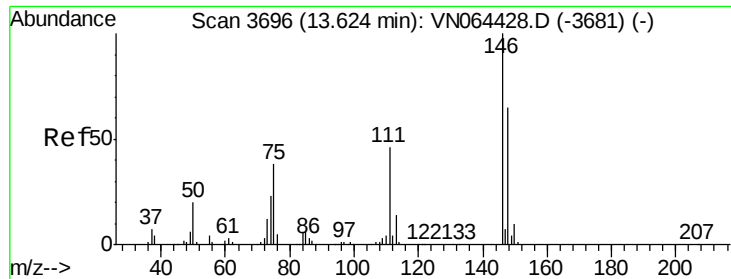
MMDadoda
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#90
Hexachloroethane
Concen: 53.403 ug/l
RT: 13.85 min Scan# 3765
Delta R.T. 0.00 min
Lab File: VN064428.D
Acq: 4 Nov 2020 11:00

Tgt Ion	Ratio	Lower	Upper
117	100		
201	65.0	32.5	97.5





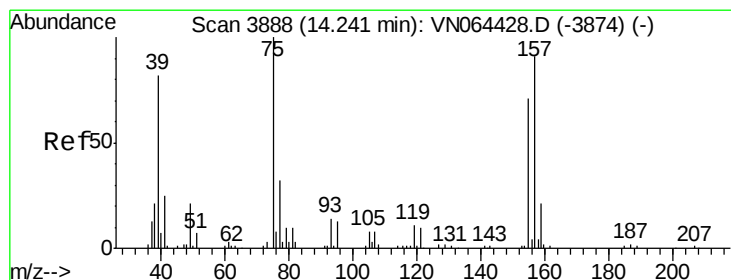
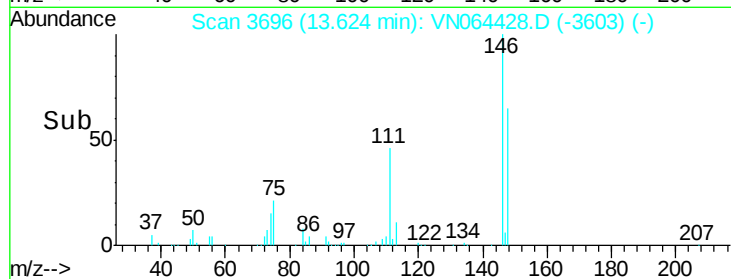
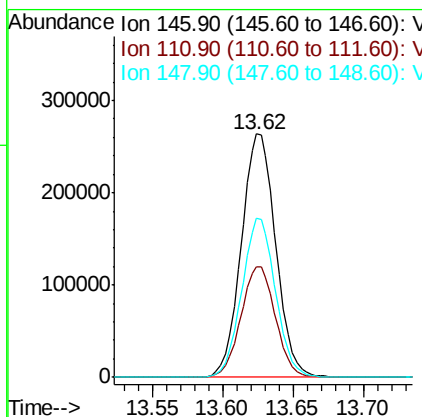
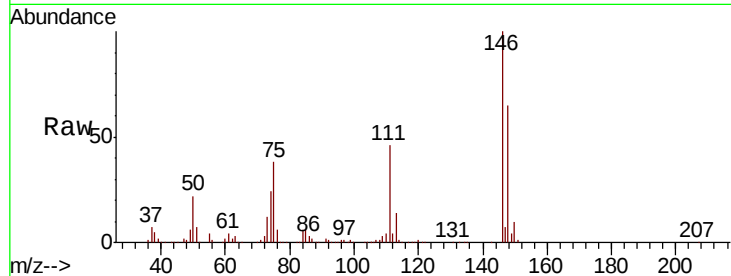
#91
 1,2-Dichlorobenzene
 Concen: 54.022 ug/l
 RT: 13.62 min Scan# 3696
 Delta R.T. 0.00 min
 Lab File: VN064428.D
 Acq: 4 Nov 2020 11:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	45.8	22.9	68.7
148	64.1	32.0	96.2

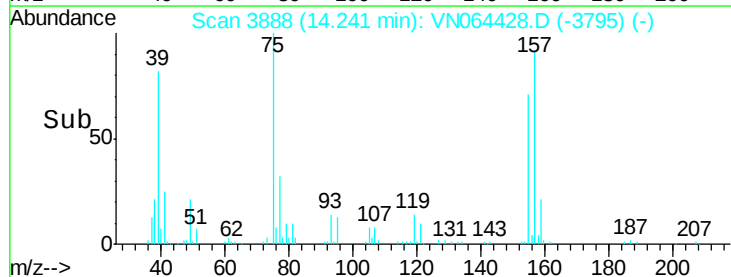
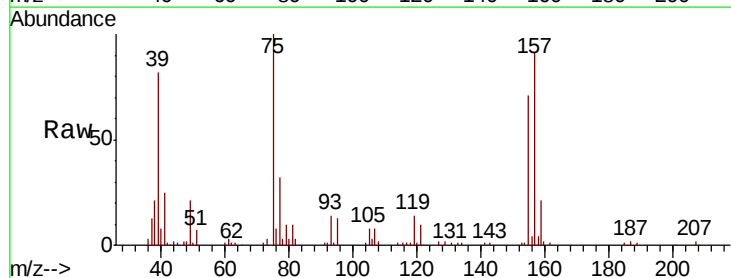
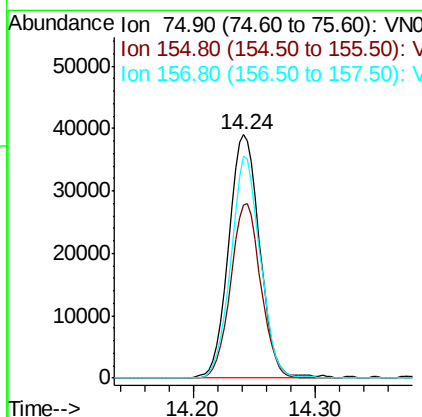
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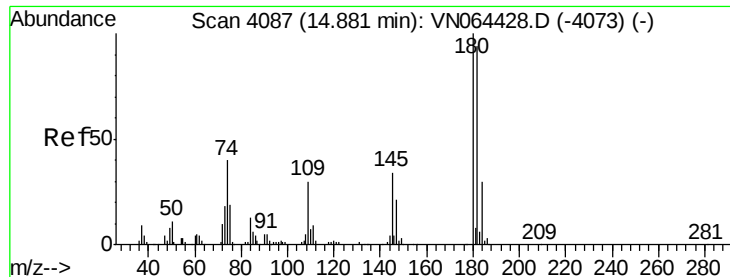
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.431 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. 0.00 min
 Lab File: VN064428.D
 Acq: 4 Nov 2020 11:00

Tgt Ion	Ratio	Lower	Upper
75	100		
155	69.3	34.6	103.9
157	85.9	43.0	128.8





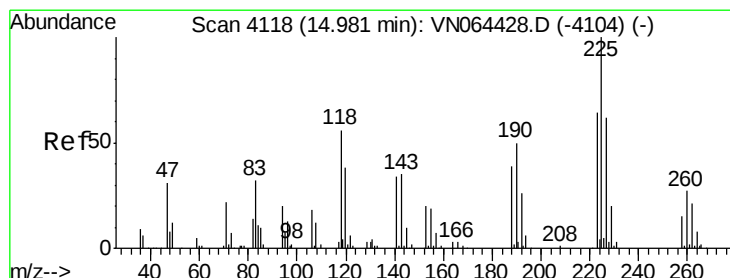
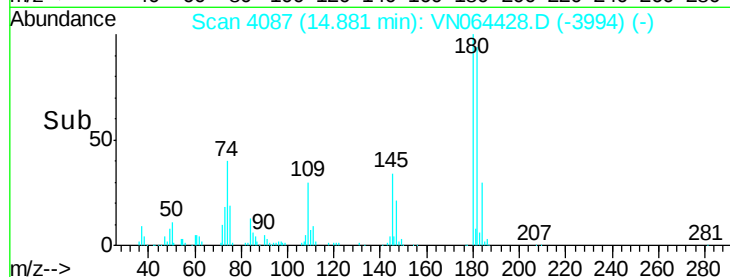
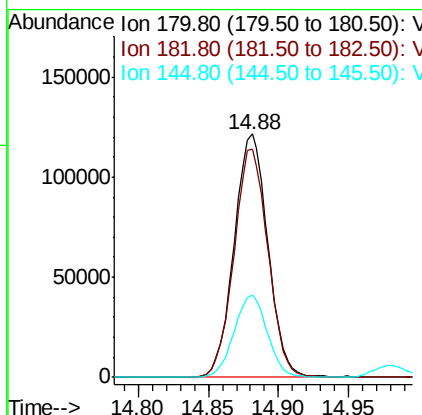
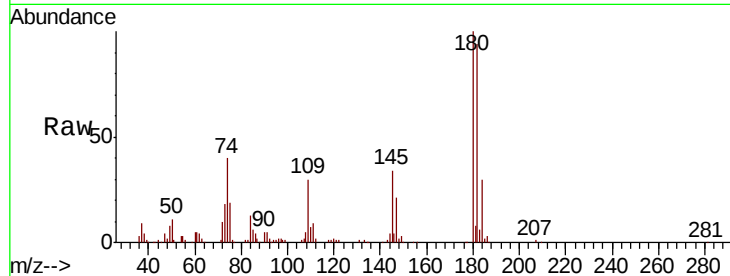
#93
 1,2,4-Trichlorobenzene
 Concen: 50.961 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064428.D
 Acq: 4 Nov 2020 11:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.3	142.0
145	33.4	16.7	50.1

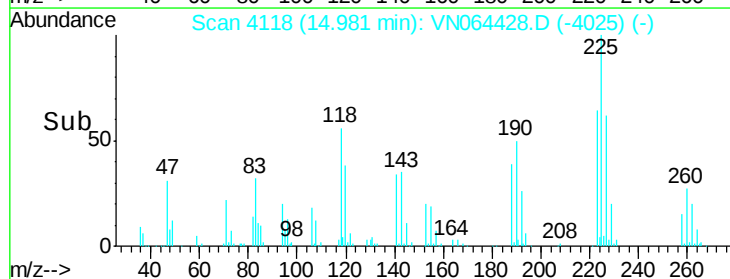
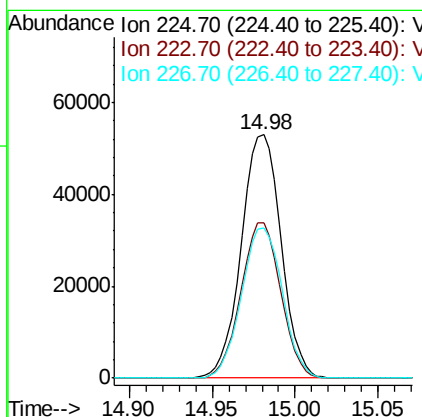
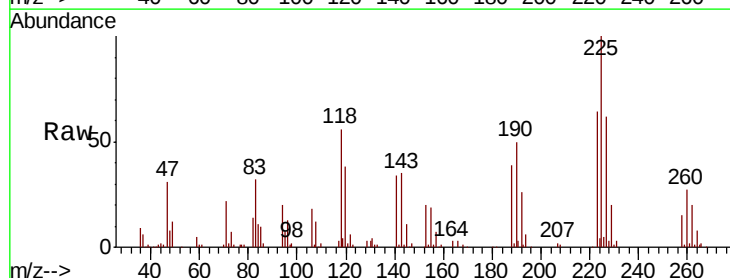
Manual Integrations
 APPROVED

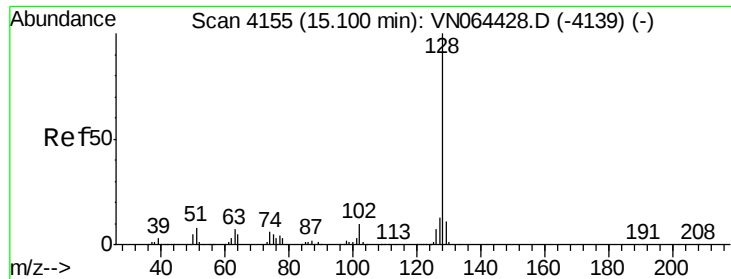
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#94
 Hexachlorobutadiene
 Concen: 36.758 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN064428.D
 Acq: 4 Nov 2020 11:00

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.6	31.8	95.4
227	63.6	31.8	95.4





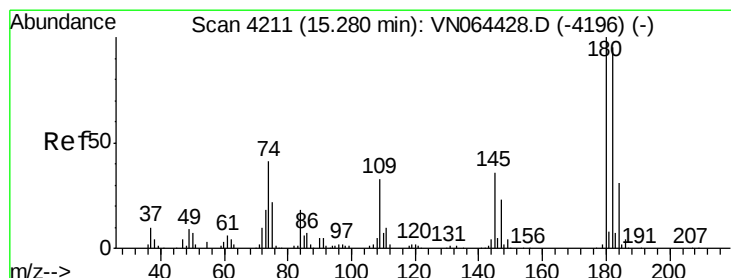
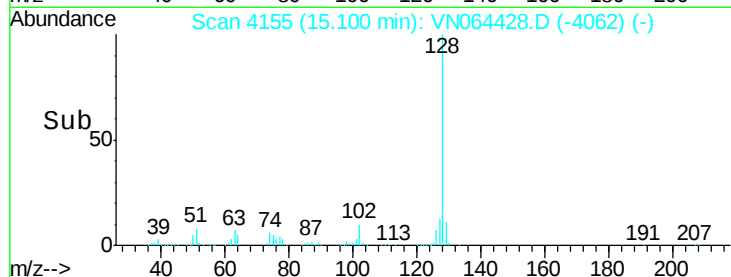
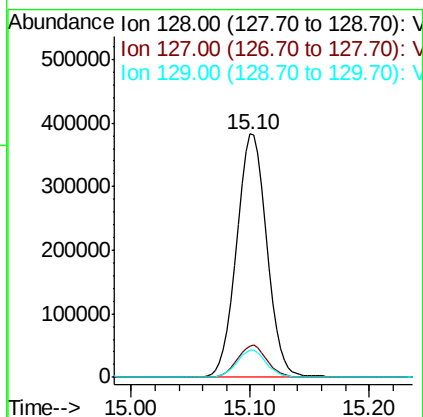
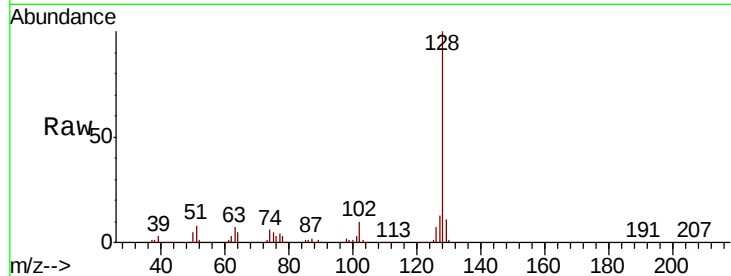
#95
Naphthalene
Concen: 53.801 ug/l
RT: 15.10 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN064428.D
Acq: 4 Nov 2020 11:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.5	15.7
129	11.0	8.8	13.2

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 49.928 ug/l
RT: 15.28 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN064428.D
Acq: 4 Nov 2020 11:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.7	143.1
145	36.5	18.3	54.8

