

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042220\
 Data File : VN061128.D
 Acq On : 22 Apr 2020 14:21
 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
 4/24/2020 1:34:58 PM

Quant Time: Apr 22 14:58:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 22 14:48:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.40	168	194414	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.35	114	318282	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.21	117	294060	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.15	152	144931	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.77	65	126218	50.10	ug/l	0.00
Spiked Amount			Recovery	=	100.20%	
35) Dibromofluoromethane	7.31	113	89359	48.09	ug/l	0.00
Spiked Amount			Recovery	=	96.18%	
50) Toluene-d8	9.88	98	380543	52.68	ug/l	0.00
Spiked Amount			Recovery	=	105.36%	
62) 4-Bromofluorobenzene	12.21	95	142534	50.90	ug/l	0.00
Spiked Amount			Recovery	=	101.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.72	85	98049	44.558	ug/l	100
3) Chloromethane	1.91	50	113811	35.151	ug/l	100
4) Vinyl Chloride	2.03	62	138106	48.631	ug/l	100
5) Bromomethane	2.38	94	67155	47.357	ug/l	100
6) Chloroethane	2.52	64	72806	45.284	ug/l	100
7) Trichlorofluoromethane	2.82	101	142341	41.506	ug/l	100
8) Diethyl Ether	3.18	74	65401	46.903	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.50	101	98703	47.525	ug/l	100
10) Methyl Iodide	3.68	142	140248	68.698	ug/l	100
11) Tert butyl alcohol	4.44	59	87822	206.688	ug/l	100
12) 1,1-Dichloroethene	3.49	96	96796	46.202	ug/l	100
13) Acrolein	3.36	56	64056	181.192	ug/l	100
14) Allyl chloride	4.03	41	133840	35.049	ug/l	100
15) Acrylonitrile	4.64	53	272085	232.328	ug/l	100
16) Acetone	3.55	43	232627	220.105	ug/l	100
17) Carbon Disulfide	3.78	76	296963	45.343	ug/l	100
18) Methyl Acetate	4.02	43	154692	46.093	ug/l	100
19) Methyl tert-butyl Ether	4.69	73	346691	47.242	ug/l	100
20) Methylene Chloride	4.24	84	111520	47.187	ug/l	100
21) trans-1,2-Dichloroethene	4.70	96	110748	48.859	ug/l	100
22) Diisopropyl ether	5.61	45	364529	44.606	ug/l	100
23) Vinyl Acetate	5.55	43	1503828	233.448	ug/l	100
24) 1,1-Dichloroethane	5.51	63	203495	45.844	ug/l	100
25) 2-Butanone	6.51	43	372969	227.865	ug/l	100
26) 2,2-Dichloropropane	6.50	77	179679	48.262	ug/l	100
27) cis-1,2-Dichloroethene	6.51	96	125533	48.377	ug/l	100
28) Bromochloromethane	6.89	49	86021	42.883	ug/l	100
29) Tetrahydrofuran	6.90	42	252318	226.430	ug/l	100
30) Chloroform	7.08	83	205355	49.012	ug/l	100
31) Cyclohexane	7.38	56	194464	42.984	ug/l	100
32) 1,1,1-Trichloroethane	7.29	97	180341	49.614	ug/l	100
36) 1,1-Dichloropropene	7.52	75	157830	48.420	ug/l	100
37) Ethyl Acetate	6.61	43	160670	45.760	ug/l	100
38) Carbon Tetrachloride	7.50	117	141752	52.033	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.85	83	194513	49.787	ug/l	100
40) Benzene	7.78	78	465406	48.129	ug/l	100
41) Methacrylonitrile	6.87	41	77698m	52.216	ug/l	
42) 1,2-Dichloroethane	7.87	62	164958	49.831	ug/l	100
43) Isopropyl Acetate	7.92	43	270643	47.300	ug/l	100
44) Trichloroethene	8.60	130	133769	53.703	ug/l	100
45) 1,2-Dichloropropane	8.89	63	122065	46.910	ug/l	100
46) Dibromomethane	8.98	93	80739	52.926	ug/l	100
47) Bromodichloromethane	9.18	83	161130	50.427	ug/l	100
48) Methyl methacrylate	8.98	41	128605	50.493	ug/l	100
49) 1,4-Dioxane	8.98	88	28244	913.710	ug/l	100
51) 4-Methyl-2-Pentanone	9.78	43	815415	246.442	ug/l	100
52) Toluene	9.95	92	293187	50.253	ug/l	100
53) t-1,3-Dichloropropene	10.18	75	190356	51.217	ug/l	100
54) cis-1,3-Dichloropropene	9.63	75	201717	49.930	ug/l	100
55) 1,1,2-Trichloroethane	10.36	97	113597	51.345	ug/l	100
56) Ethyl methacrylate	10.23	69	180632	52.217	ug/l	100
57) 1,3-Dichloropropane	10.51	76	192574	49.121	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.49	63	453597	276.247	ug/l	100
59) 2-Hexanone	10.56	43	604865	252.795	ug/l	100
60) Dibromochloromethane	10.71	129	121121	53.060	ug/l	100
61) 1,2-Dibromoethane	10.81	107	119007	52.484	ug/l	100
64) Tetrachloroethene	10.43	164	149156	62.805	ug/l	100
65) Chlorobenzene	11.24	112	304089	50.045	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.32	131	110542	50.765	ug/l	100
67) Ethyl Benzene	11.32	91	569765	49.957	ug/l	100
68) m/p-Xylenes	11.43	106	428115	103.228	ug/l	100
69) o-Xylene	11.76	106	205261	51.471	ug/l	100
70) Styrene	11.77	104	343612	53.536	ug/l	100
71) Bromoform	11.93	173	86531	53.279	ug/l #	100
73) Isopropylbenzene	12.06	105	551398	47.672	ug/l	100
74) N-amyl acetate	11.89	43	252226	47.223	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.32	83	148421	42.935	ug/l	100
76) 1,2,3-Trichloropropane	12.36	75	168453m	52.001	ug/l	
77) Bromobenzene	12.33	156	134492	49.403	ug/l	100
78) n-propylbenzene	12.40	91	652071	48.342	ug/l	100
79) 2-Chlorotoluene	12.48	91	374468	47.346	ug/l	100
80) 1,3,5-Trimethylbenzene	12.55	105	468040	48.986	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.11	75	65162	50.251	ug/l	100
82) 4-Chlorotoluene	12.58	91	392698	47.843	ug/l	100
83) tert-Butylbenzene	12.81	119	396559	49.183	ug/l	100
84) 1,2,4-Trimethylbenzene	12.85	105	467125	49.426	ug/l	100
85) sec-Butylbenzene	12.99	105	534266	49.080	ug/l	100
86) p-Isopropyltoluene	13.10	119	483798	49.775	ug/l	100
87) 1,3-Dichlorobenzene	13.09	146	238450	49.378	ug/l	100
88) 1,4-Dichlorobenzene	13.17	146	240680	49.429	ug/l	100
89) n-Butylbenzene	13.43	91	446188	49.561	ug/l	100
90) Hexachloroethane	13.68	117	44598	31.995	ug/l	100
91) 1,2-Dichlorobenzene	13.46	146	224970	48.910	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.08	75	32919	48.683	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.72	180	147650	53.766	ug/l	100
94) Hexachlorobutadiene	14.82	225	63993	46.274	ug/l	100
95) Naphthalene	14.93	128	464476	57.201	ug/l	100
96) 1,2,3-Trichlorobenzene	15.10	180	141947	53.605	ug/l	100

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

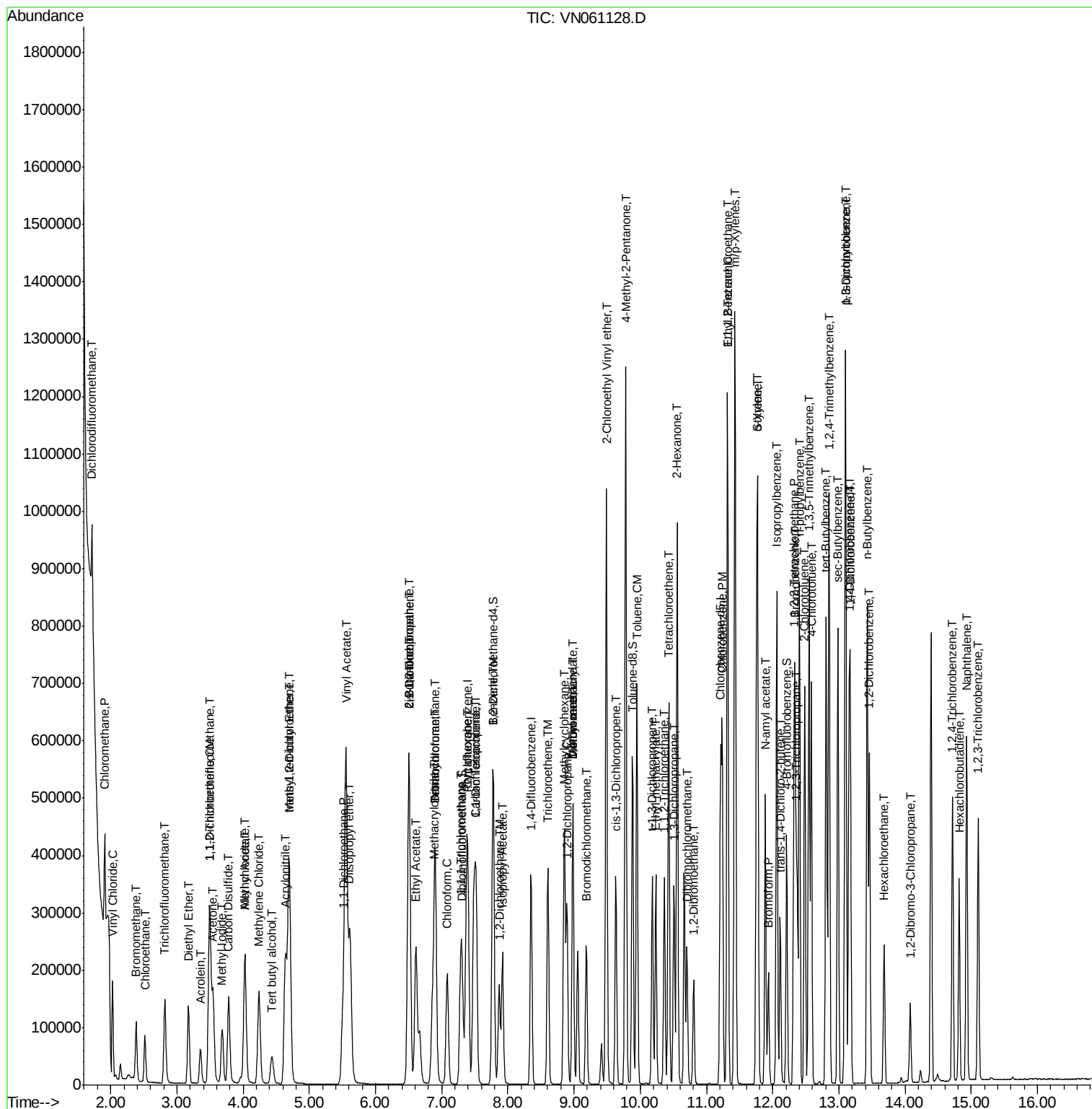
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Data File : VN061128.D
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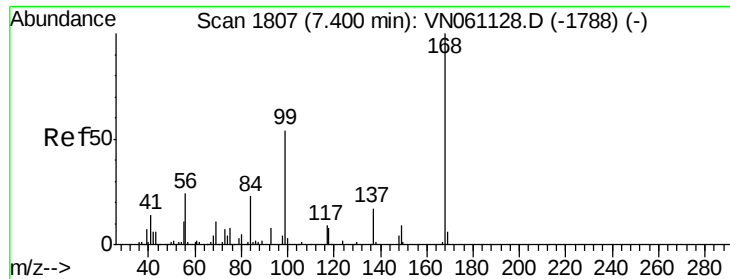
Instrument :
MSVOA_N
ClientSampled :
VSTDICCC050

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.40 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN061128.D

Acq: 22 Apr 2020 14:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion:168 Resp: 194414

Ion Ratio Lower Upper

168 100

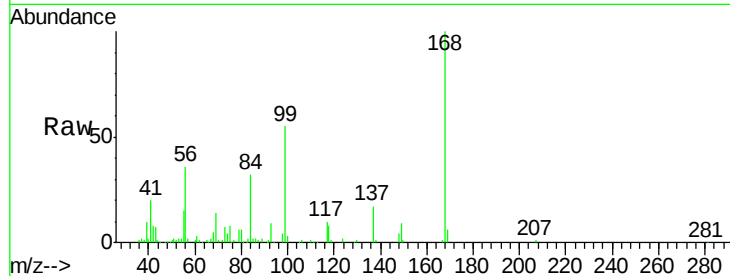
99 55.4 44.3 66.5

Manual Integrations

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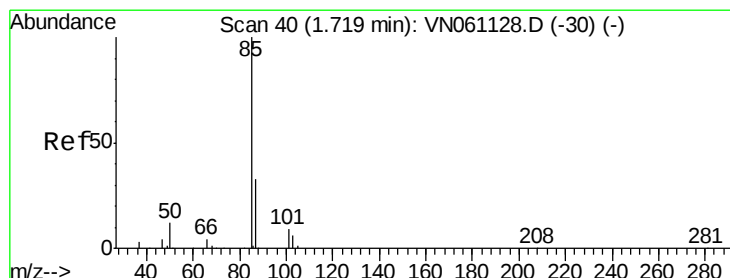
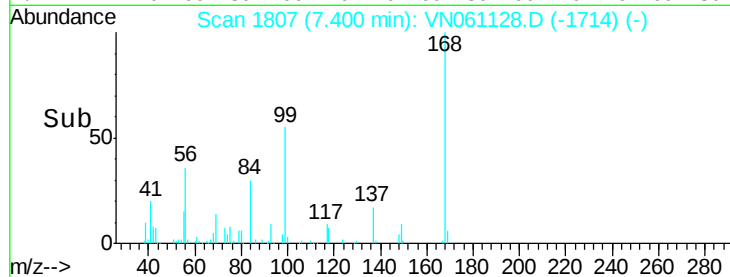
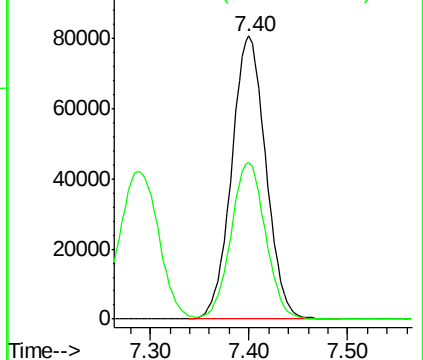
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 44.558 ug/l

RT: 1.72 min Scan# 40

Delta R.T. 0.00 min

Lab File: VN061128.D

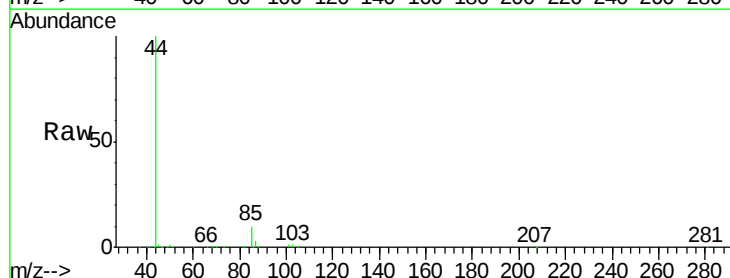
Acq: 22 Apr 2020 14:21

Tgt Ion: 85 Resp: 98049

Ion Ratio Lower Upper

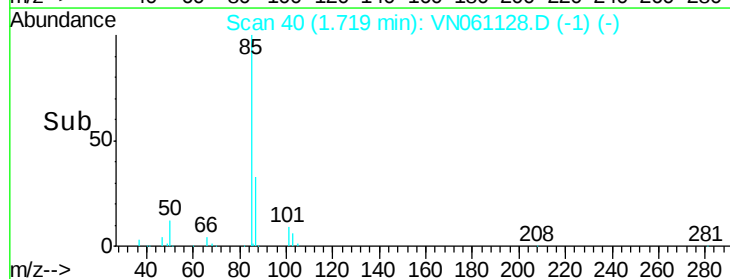
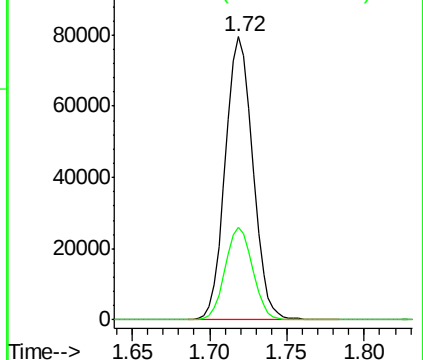
85 100

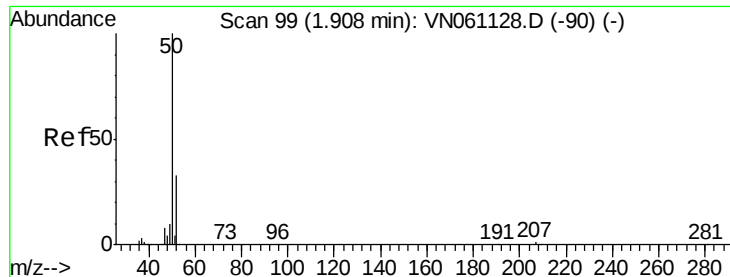
87 32.7 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 35.151 ug/l

RT: 1.91 min Scan# 99

Delta R.T. 0.00 min

Lab File: VN061128.D

Acq: 22 Apr 2020 14:21

Instrument :

MSVOA_N

ClientSampled :

VSTDICCC050

Tot Ion: 50 Resp: 113811

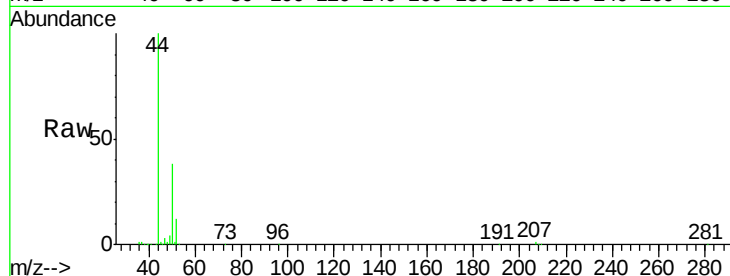
Ion Ratio Lower Upper

50 100

52 32.9 26.3 39.5

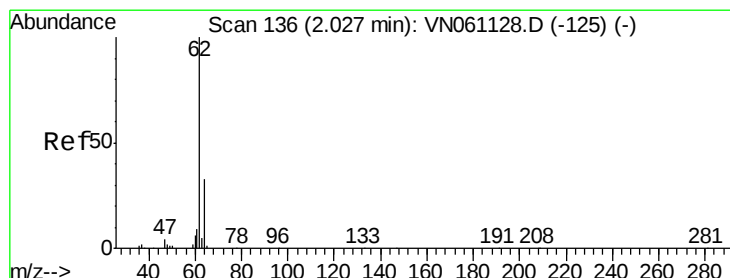
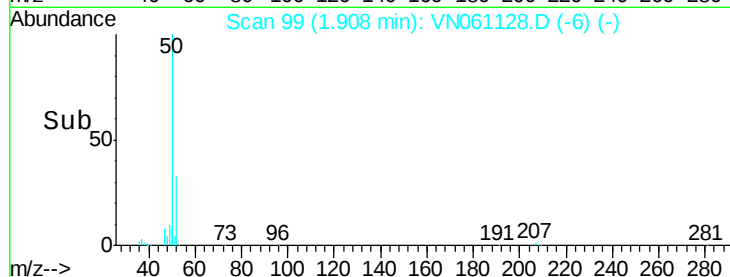
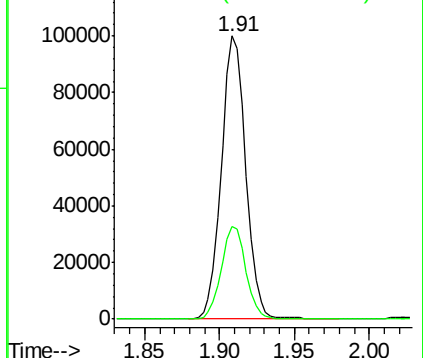
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Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 48.631 ug/l

RT: 2.03 min Scan# 136

Delta R.T. 0.00 min

Lab File: VN061128.D

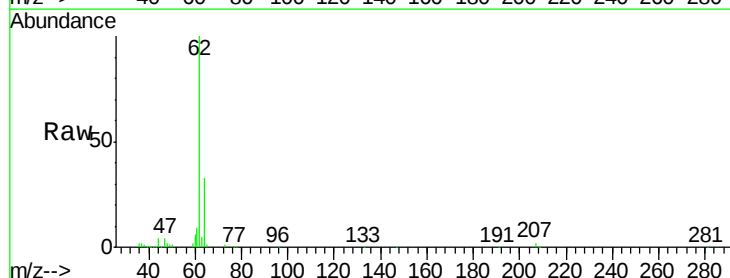
Acq: 22 Apr 2020 14:21

Tgt Ion: 62 Resp: 138106

Ion Ratio Lower Upper

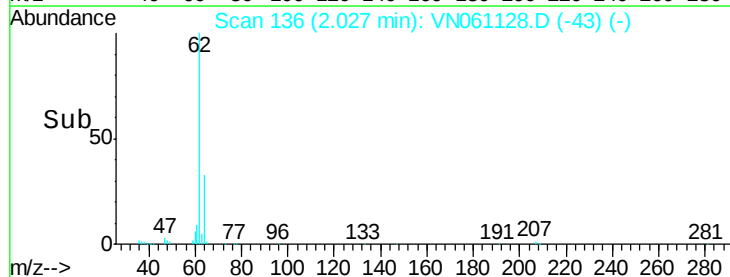
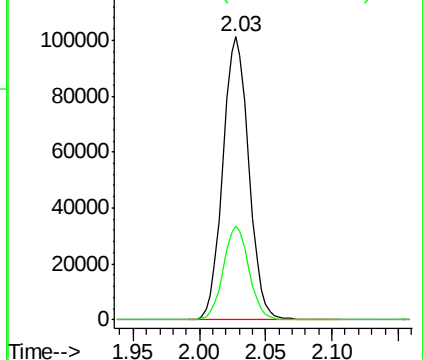
62 100

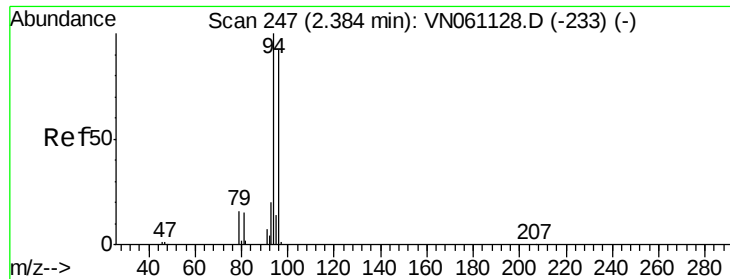
64 33.3 26.6 40.0



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 47.357 ug/l

RT: 2.38 min Scan# 247

Delta R.T. 0.00 min

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Acq: 22 Apr 2020 14:21

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Tot Ion: 94 Resp: 67155

Ion Ratio Lower Upper

94 100

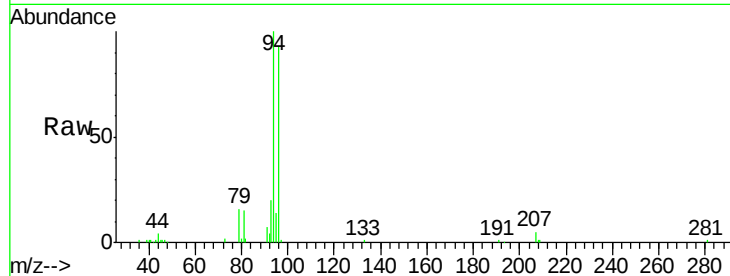
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Manual Integrations

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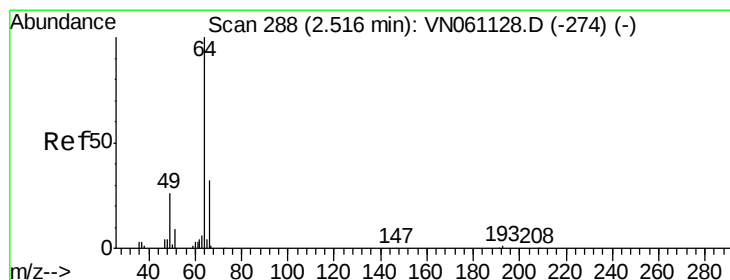
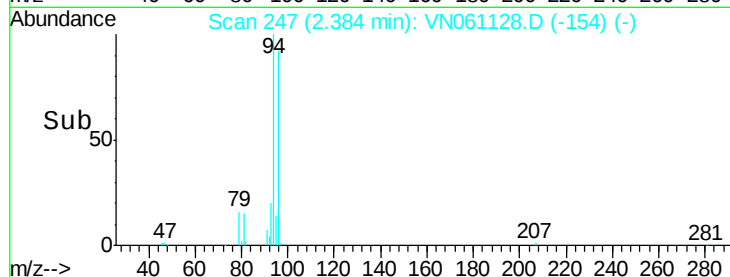
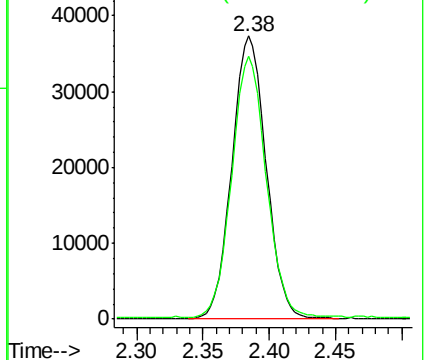
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 45.284 ug/l

RT: 2.52 min Scan# 288

Delta R.T. 0.00 min

Lab File: VN061128.D

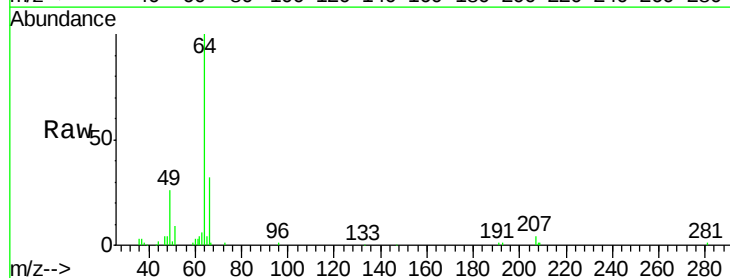
Acq: 22 Apr 2020 14:21

Tgt Ion: 64 Resp: 72806

Ion Ratio Lower Upper

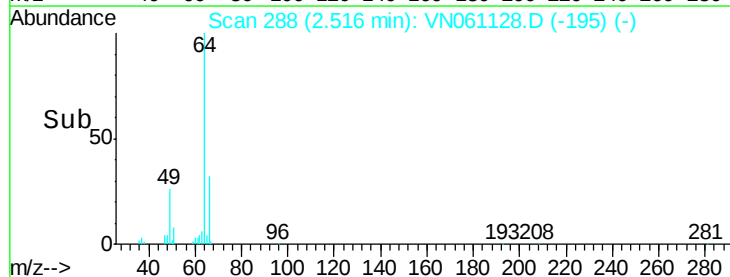
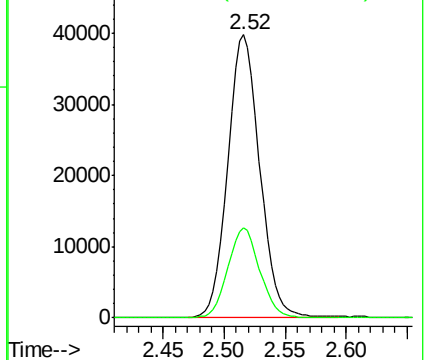
64 100

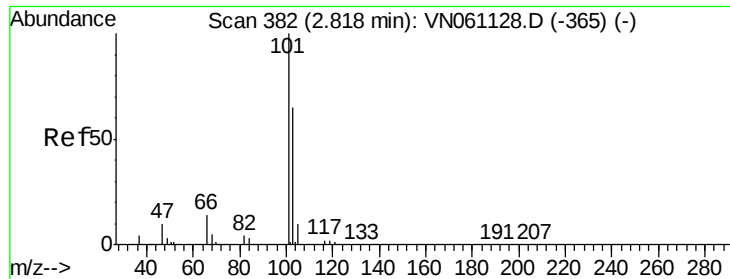
66 31.8 25.4 38.2



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

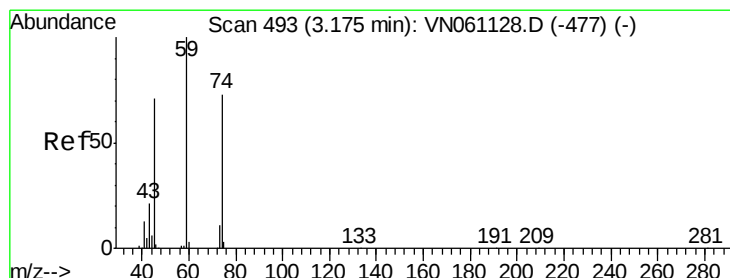
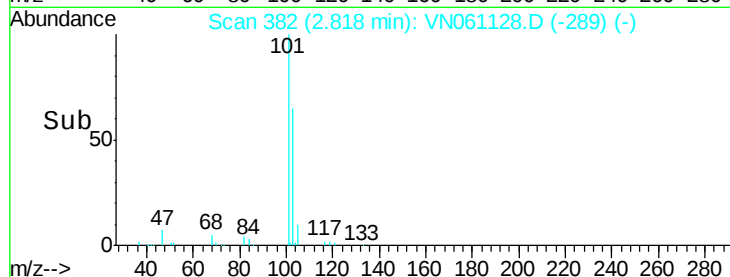
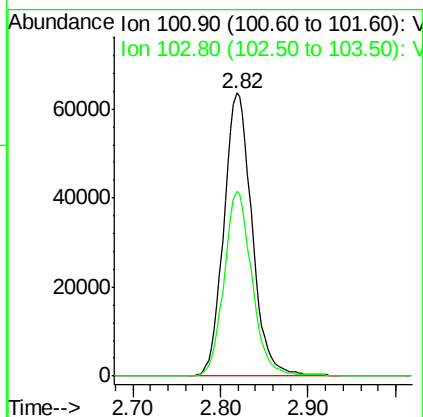
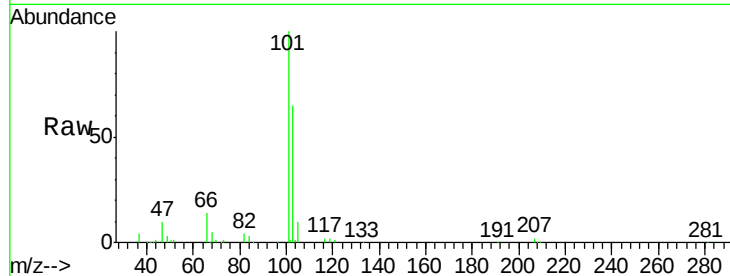
Trichlorofluoromethane
Concen: 41.506 ug/l
RT: 2.82 min Scan# 382
Delta R.T. 0.00 min
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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.1	52.1	78.1

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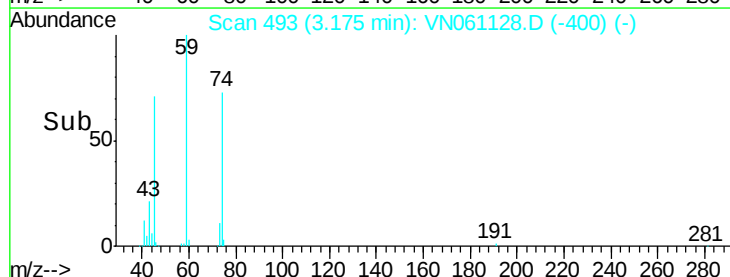
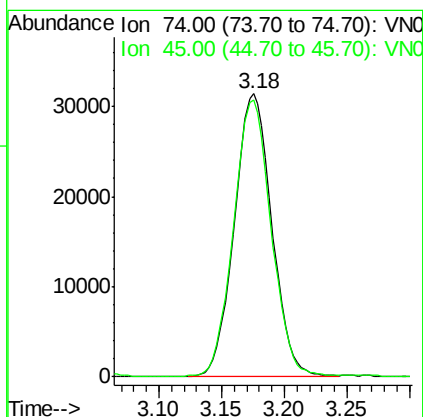
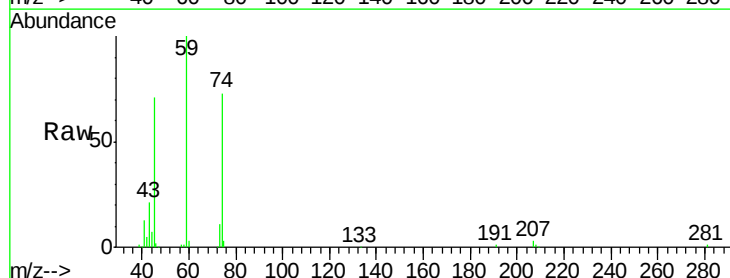
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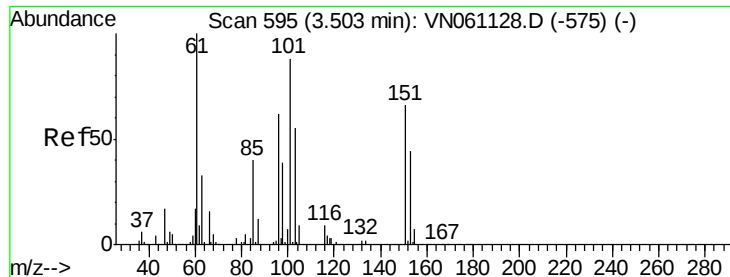


#8

Diethyl Ether
Concen: 46.903 ug/l
RT: 3.18 min Scan# 493
Delta R.T. 0.00 min
Lab File: VN061128.D
Acq: 22 Apr 2020 14:21

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.3	49.1	147.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.525 ug/l

RT: 3.50 min Scan# 595

Delta R.T. 0.00 min

Lab File: VN061128.D

Acq: 22 Apr 2020 14:21

Instrument :

MSVOA_N

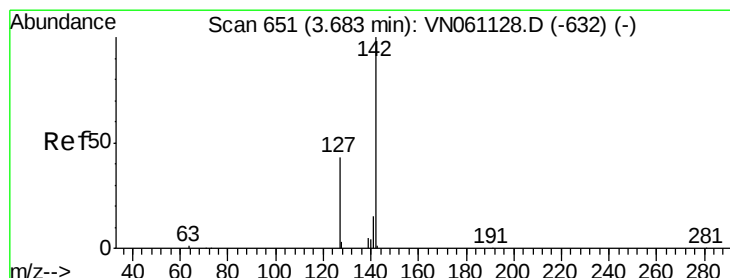
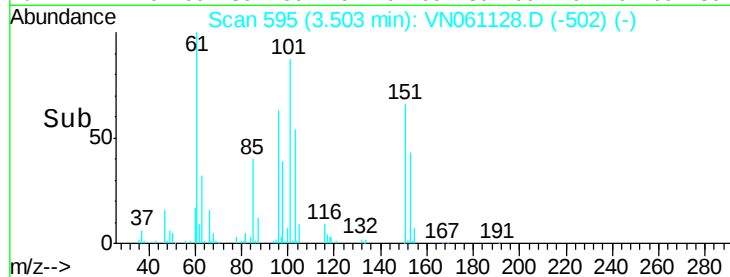
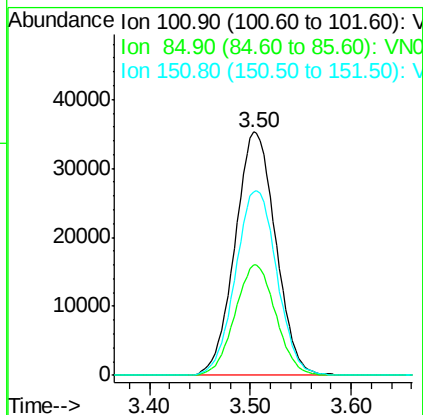
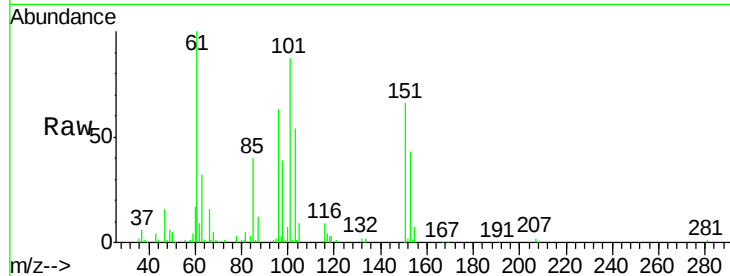
ClientSampleId :

VSTDICCC050

Tot Ion:	101	Resp:	98703
Ion Ratio	Lower	Upper	
101	100		
85	45.3	36.2	54.4
151	77.3	61.8	92.8

Manual Integrations
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#10

Methyl Iodide

Concen: 68.698 ug/l

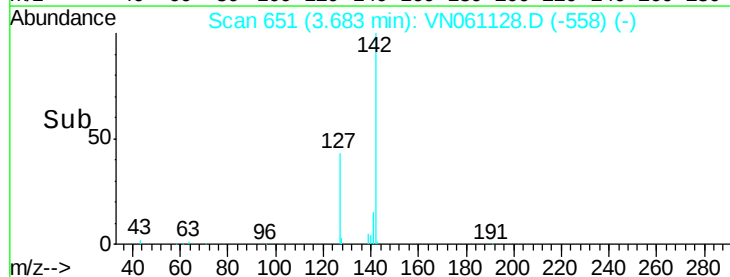
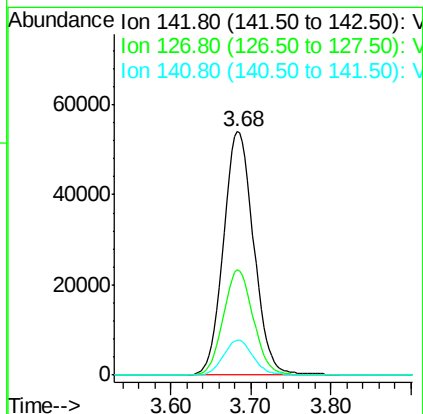
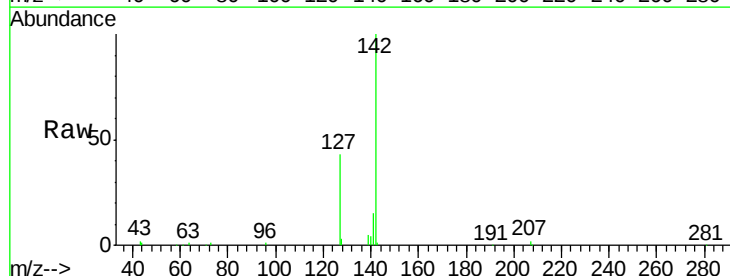
RT: 3.68 min Scan# 651

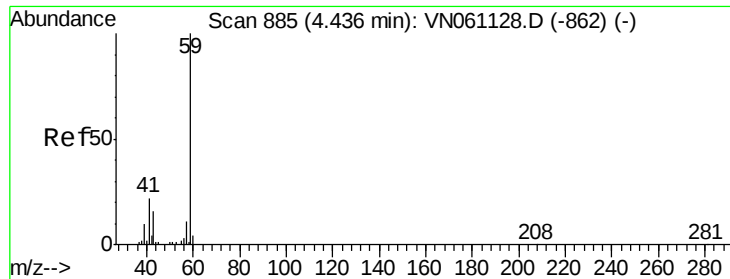
Delta R.T. 0.00 min

Lab File: VN061128.D

Acq: 22 Apr 2020 14:21

Tgt Ion:	142	Resp:	140248
Ion Ratio	Lower	Upper	
142	100		
127	42.8	34.2	51.4
141	14.1	11.3	16.9





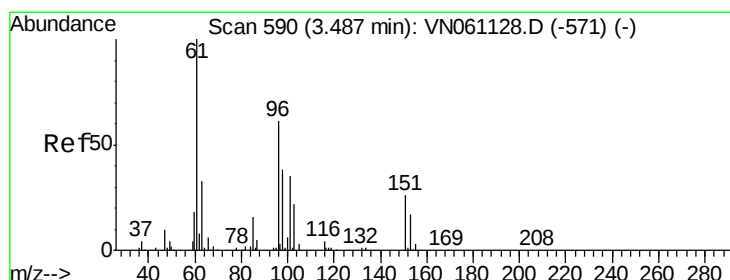
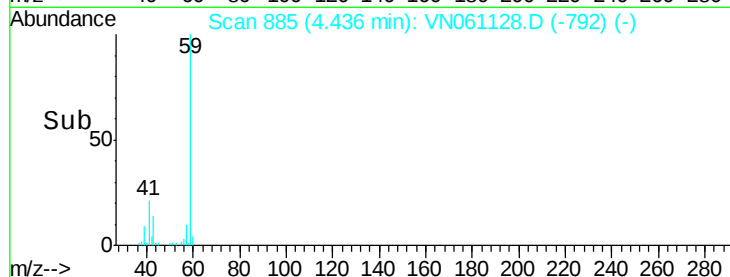
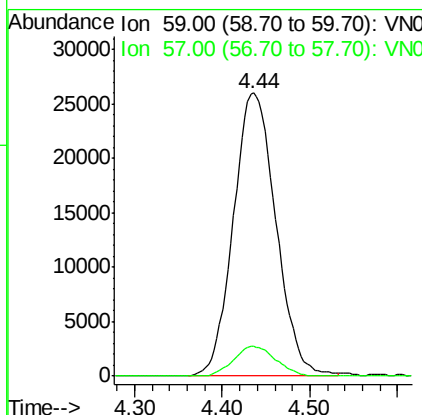
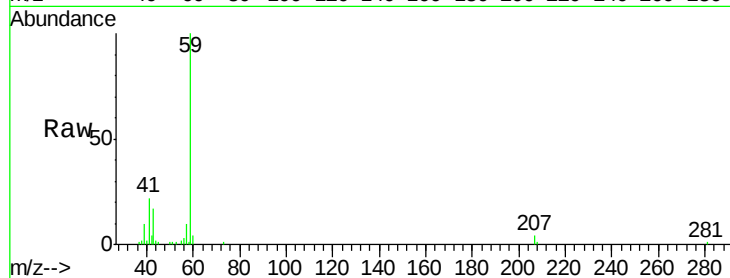
#11
Tert butyl alcohol
Concen: 206.688 ug/l
RT: 4.44 min Scan# 885
Delta R.T. 0.00 min
Lab File: VN061128.D
Acq: 22 Apr 2020 14:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion: 59 Resp: 87822
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.4

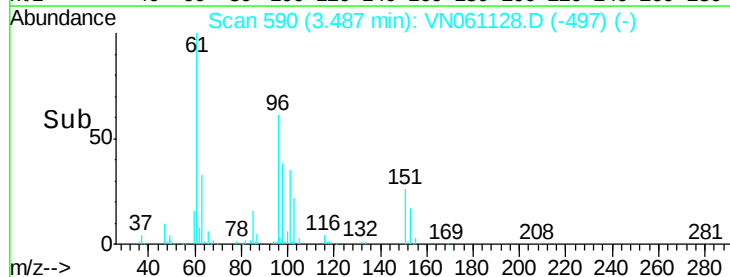
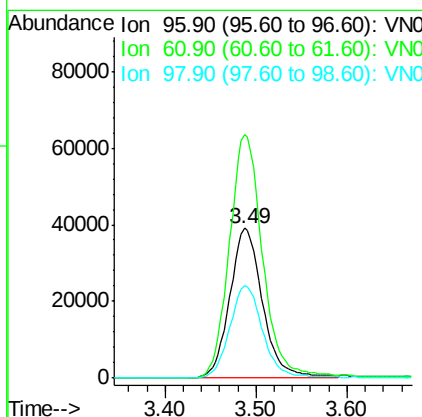
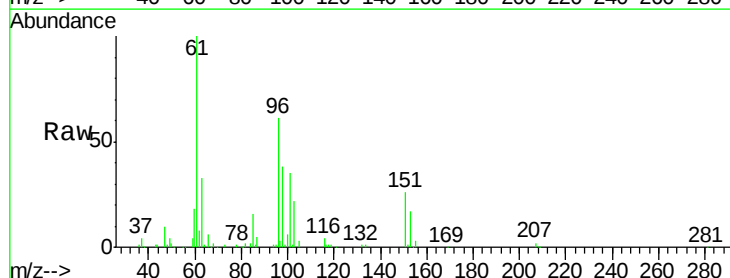
Manual Integrations
APPROVED

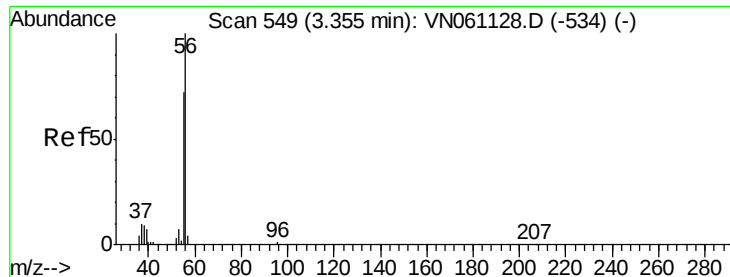
MMDadoda
4/24/2020 1:34:58 PM



#12
1,1-Dichloroethene
Concen: 46.202 ug/l
RT: 3.49 min Scan# 590
Delta R.T. 0.00 min
Lab File: VN061128.D
Acq: 22 Apr 2020 14:21

Tgt Ion: 96 Resp: 96796
Ion Ratio Lower Upper
96 100
61 163.5 130.8 196.2
98 61.8 49.4 74.2





#13

Acrolein

Concen: 181.192 ug/l

RT: 3.36 min Scan# 549

Delta R.T. 0.00 min

Lab File: VN061128.D

Acq: 22 Apr 2020 14:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion: 56 Resp: 64056

Ion Ratio Lower Upper

56 100

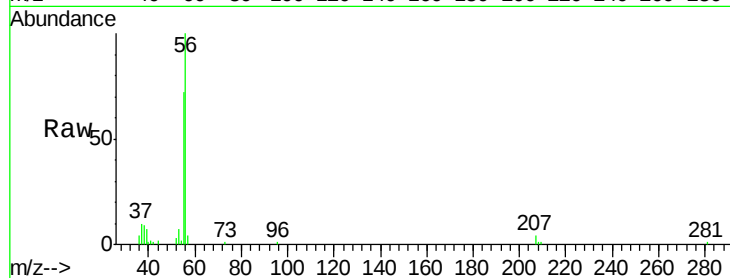
55 71.7 57.4 86.0

Manual Integrations

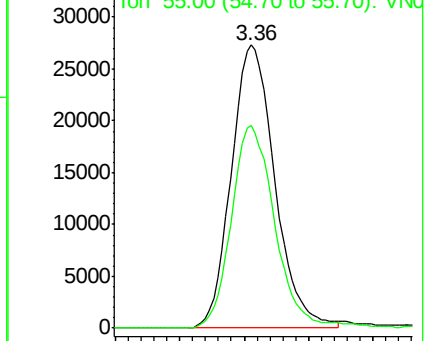
APPROVED

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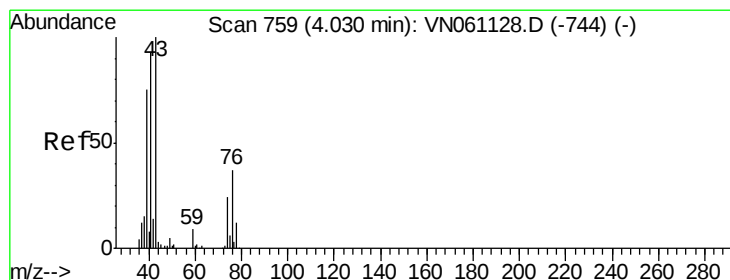
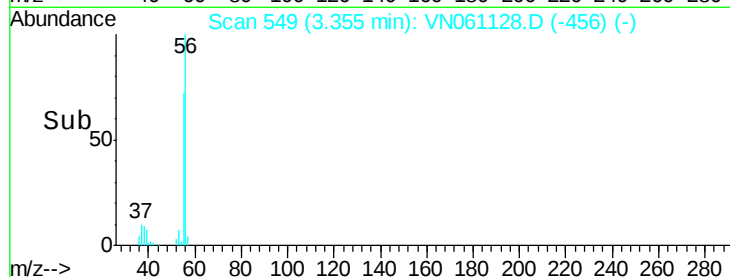
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Abundance Ion 56.00 (55.70 to 56.70): VN061128.D (-534) (-)



Time--> 3.25 3.30 3.35 3.40 3.45



#14

Allyl chloride

Concen: 35.049 ug/l

RT: 4.03 min Scan# 759

Delta R.T. 0.00 min

Lab File: VN061128.D

Acq: 22 Apr 2020 14:21

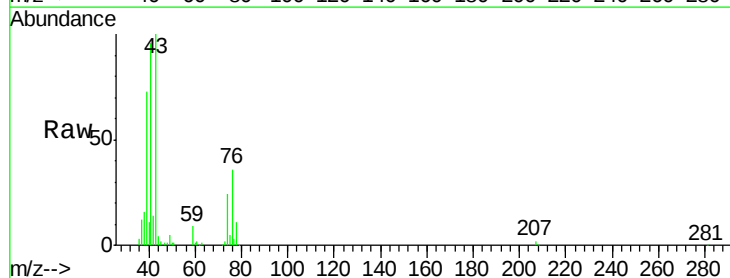
Tgt Ion: 41 Resp: 133840

Ion Ratio Lower Upper

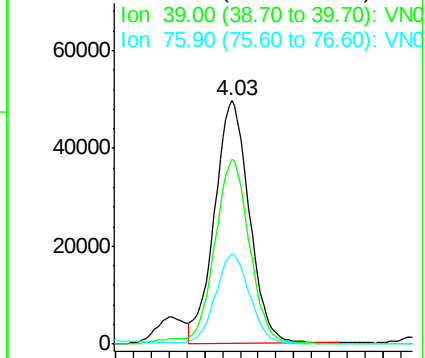
41 100

39 76.2 61.0 91.4

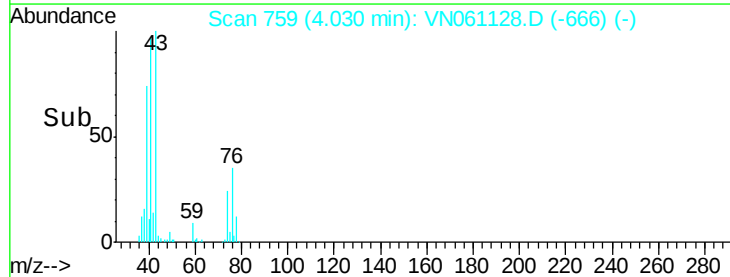
76 36.1 28.9 43.3

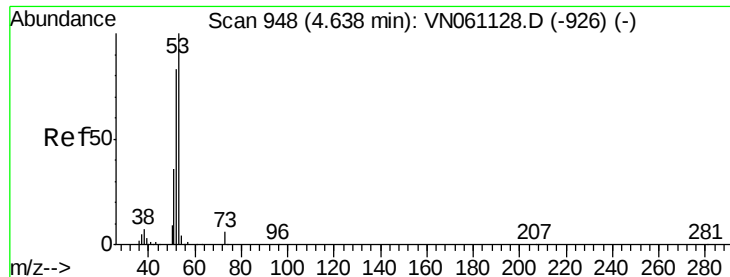


Abundance Ion 41.00 (40.70 to 41.70): VN061128.D (-744) (-)



Time--> 3.90 4.00 4.10 4.20





#15

Acrylonitrile

Concen: 232.328 ug/l

RT: 4.64 min Scan# 948

Delta R.T. 0.00 min

Lab File: VN061128.D

Acq: 22 Apr 2020 14:21

Instrument :

MSVOA_N

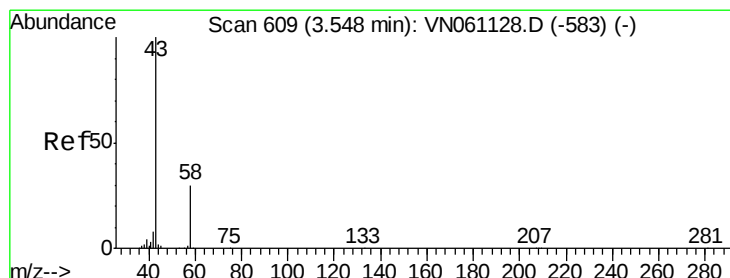
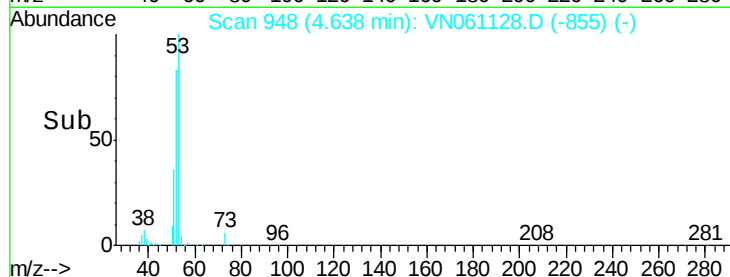
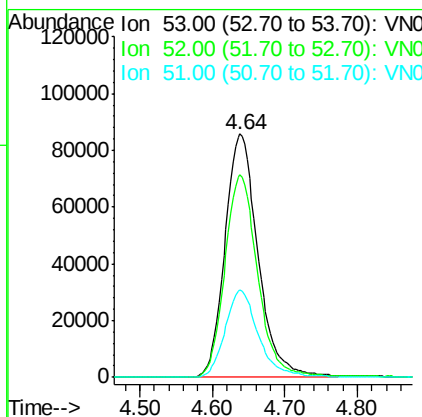
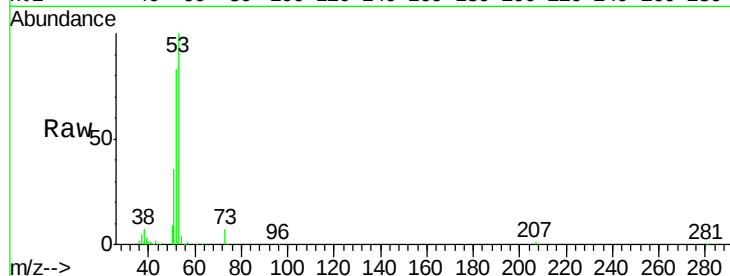
ClientSampleId :

VSTDICCC050

Tot Ion:	53	Resp:	272085
Ion Ratio	Lower	Upper	
53	100		
52	82.6	66.1	99.1
51	36.2	29.0	43.4

Manual Integrations
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#16

Acetone

Concen: 220.105 ug/l

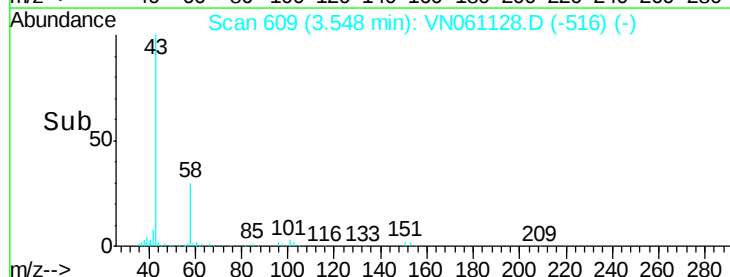
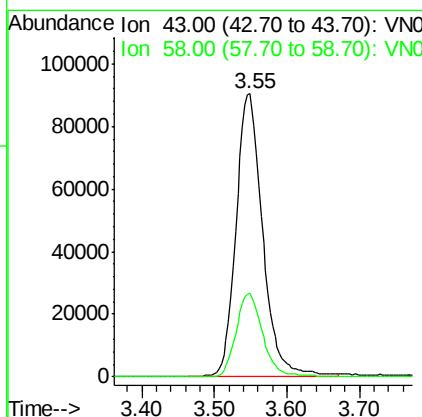
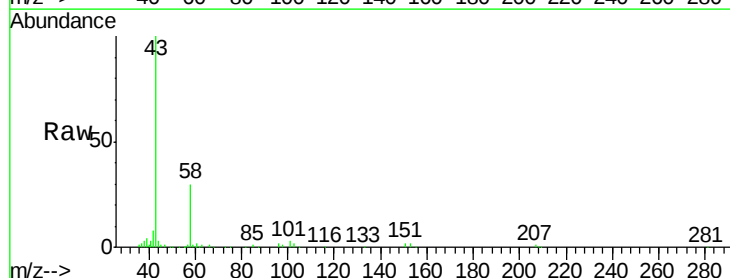
RT: 3.55 min Scan# 609

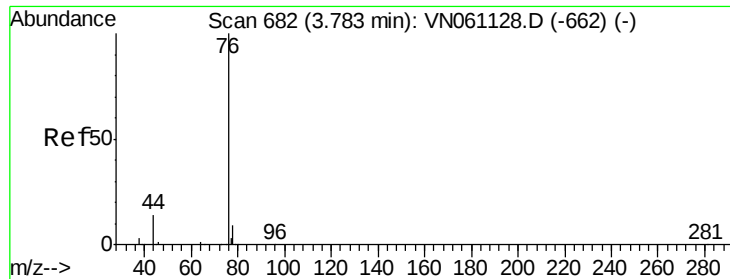
Delta R.T. 0.00 min

Lab File: VN061128.D

Acq: 22 Apr 2020 14:21

Tgt Ion:	43	Resp:	232627
Ion Ratio	Lower	Upper	
43	100		
58	29.5	23.6	35.4





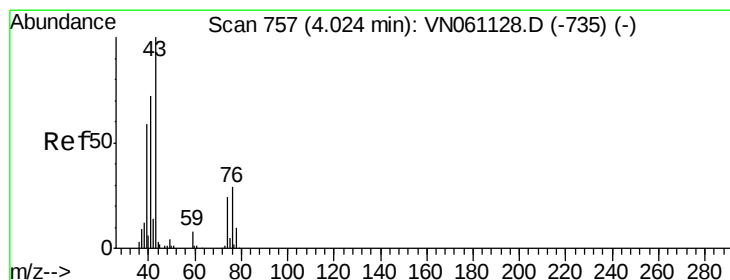
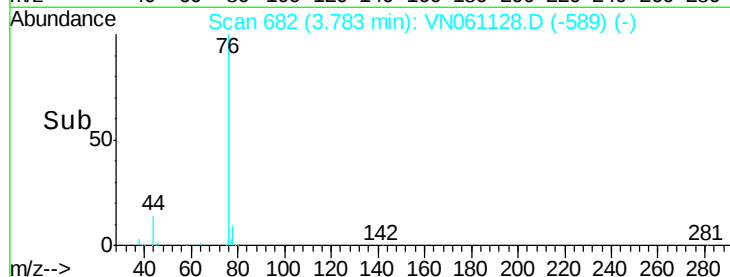
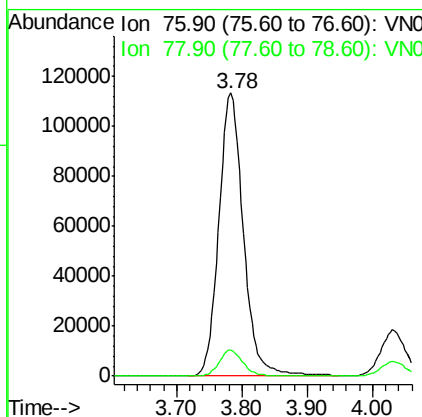
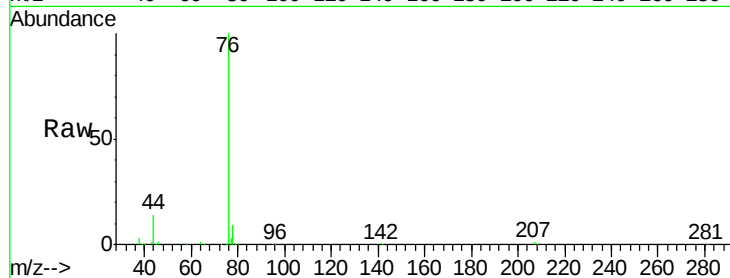
#17
Carbon Disulfide
Concen: 45.343 ug/l
RT: 3.78 min Scan# 682
Delta R.T. 0.00 min
Lab File: VN061128.D
Acq: 22 Apr 2020 14:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.2	10.8

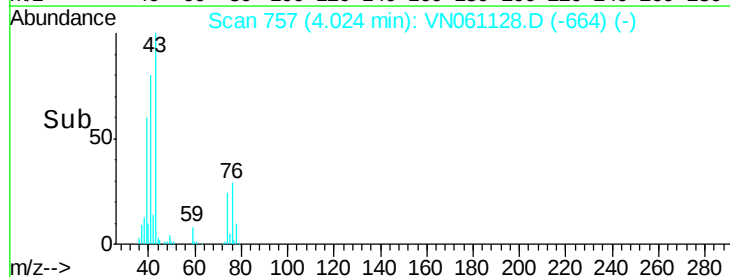
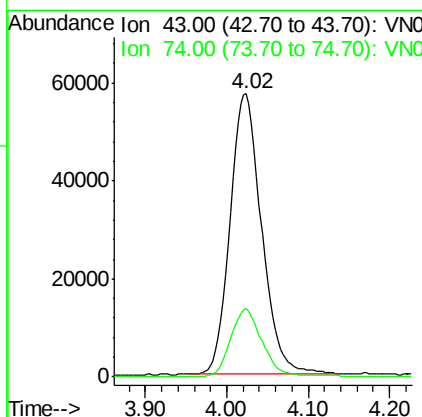
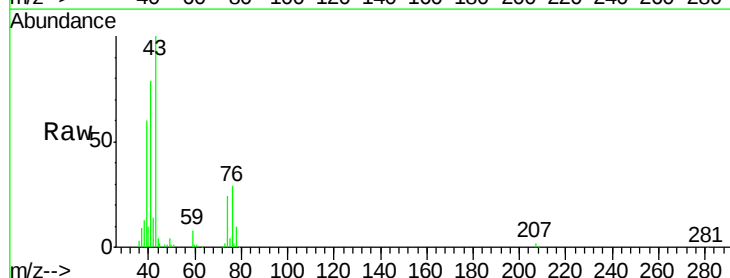
Manual Integrations
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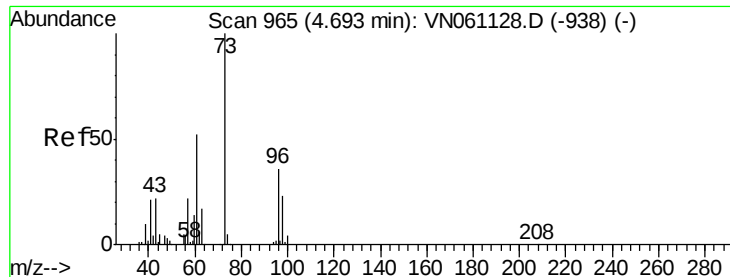
MMDadoda
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#18
Methyl Acetate
Concen: 46.093 ug/l
RT: 4.02 min Scan# 757
Delta R.T. 0.00 min
Lab File: VN061128.D
Acq: 22 Apr 2020 14:21

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.2	19.4	29.0





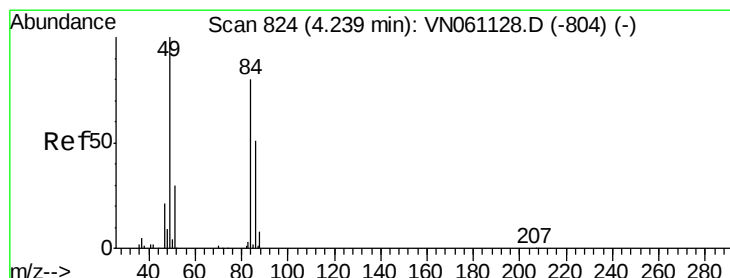
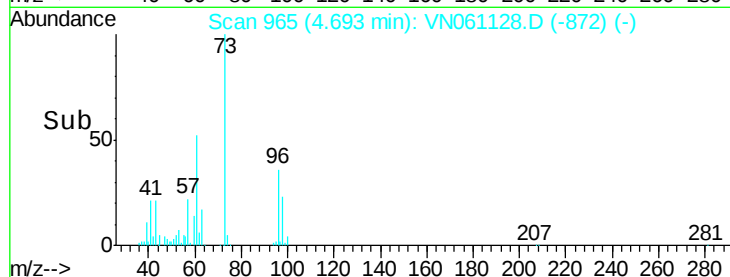
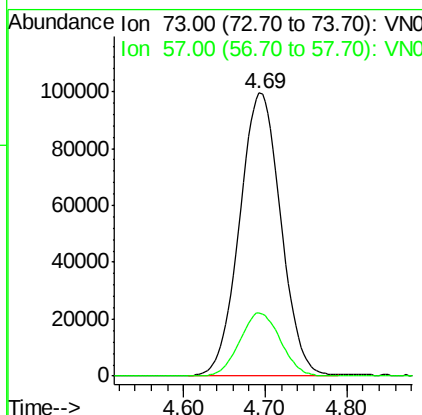
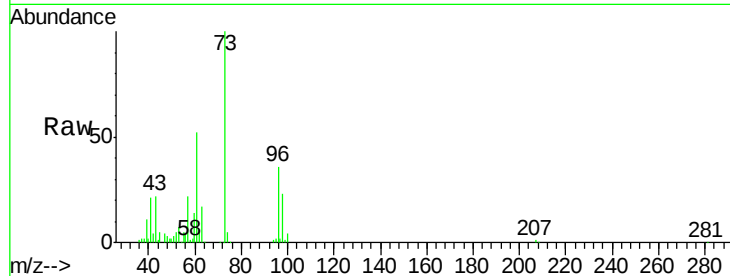
#19
Methvl tert-butvl Ether
Concen: 47.242 ug/l
RT: 4.69 min Scan# 965
Delta R.T. 0.00 min
Lab File: VN061128.D
Acq: 22 Apr 2020 14:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ion	Ratio	Lower	Upper
73	73	100		
57	57	22.3	17.8	26.8

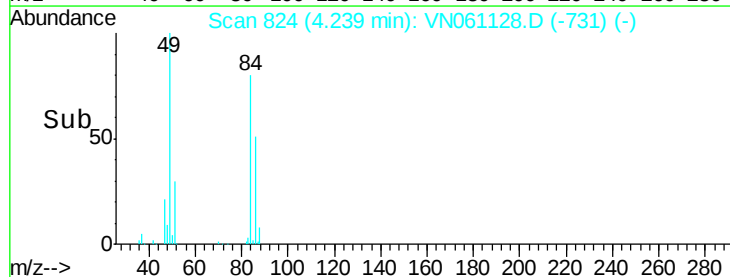
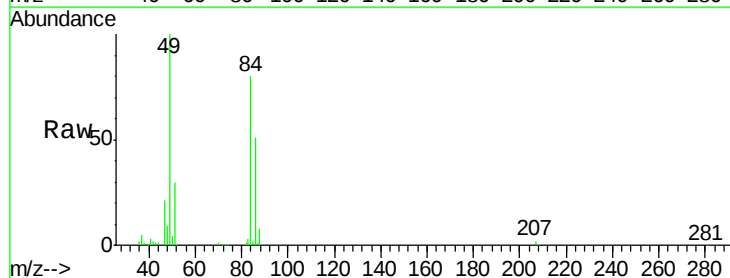
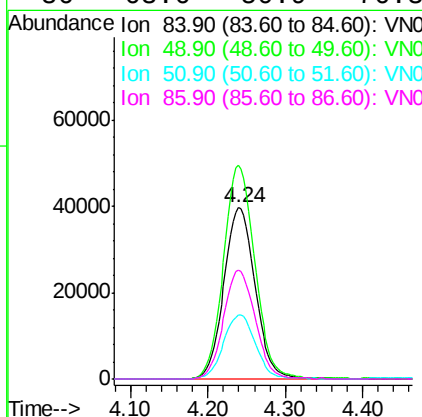
Manual Integrations
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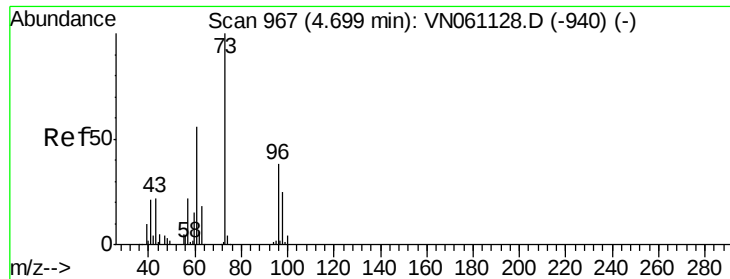
MMDadoda
4/24/2020 1:34:58 PM



#20
Methylene Chloride
Concen: 47.187 ug/l
RT: 4.24 min Scan# 824
Delta R.T. 0.00 min
Lab File: VN061128.D
Acq: 22 Apr 2020 14:21

Tgt Ion	Ion	Ratio	Lower	Upper
84	84	100		
49	49	124.7	99.8	149.6
51	51	37.4	29.9	44.9
86	86	63.6	50.9	76.3





#21

trans-1,2-Dichloroethene

Concen: 48.859 ug/l

RT: 4.70 min Scan# 967

Delta R.T. 0.00 min

Lab File: VN061128.D

Acq: 22 Apr 2020 14:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion: 96 Resp: 110748

Ion Ratio Lower Upper

96 100

61 145.5 116.4 174.6

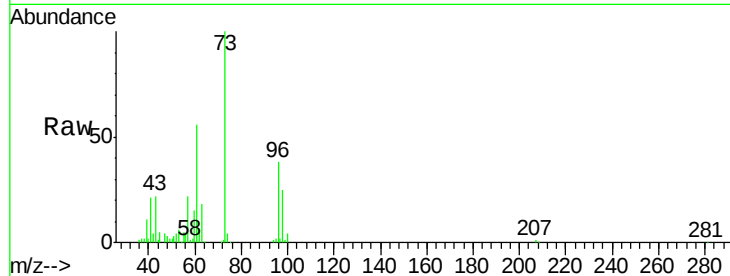
98 64.3 51.4 77.2

Manual Integrations

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MMDadoda

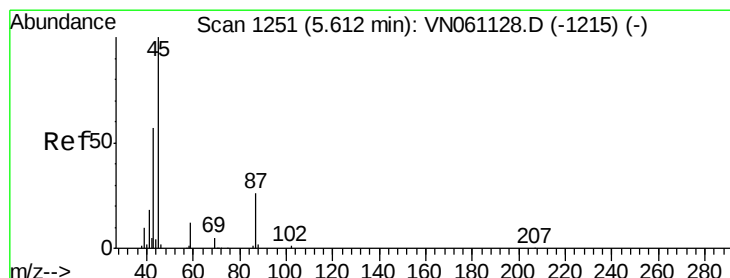
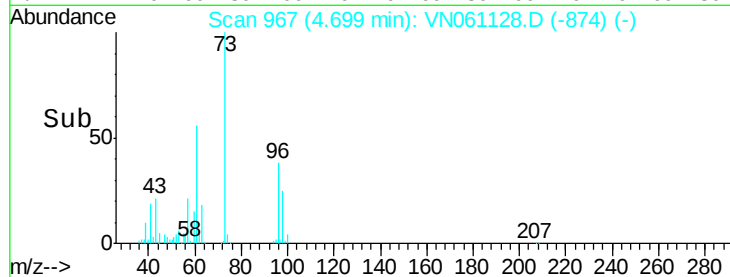
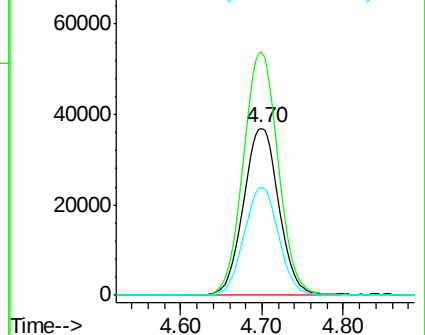
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Abundance Ion 95.90 (95.60 to 96.60): VNC

Ion 60.90 (60.60 to 61.60): VNC

Ion 97.90 (97.60 to 98.60): VNC



#22

Diisopropyl ether

Concen: 44.606 ug/l

RT: 5.61 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VN061128.D

Acq: 22 Apr 2020 14:21

Tgt Ion: 45 Resp: 364529

Ion Ratio Lower Upper

45 100

43 60.5 48.4 72.6

87 26.7 21.4 32.0

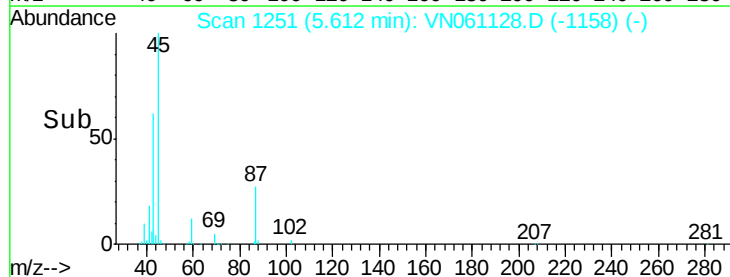
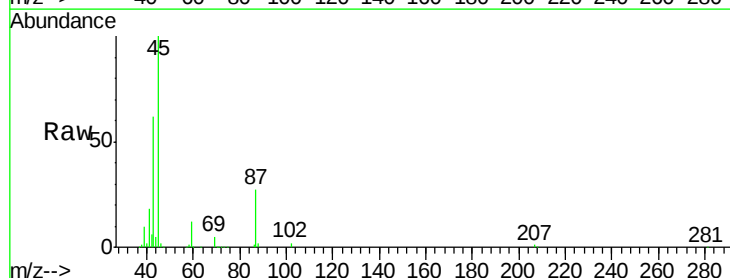
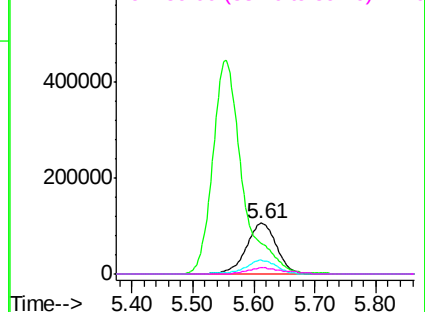
59 11.8 9.4 14.2

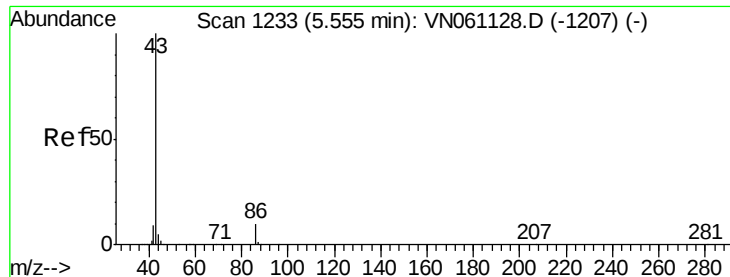
Abundance Ion 45.00 (44.70 to 45.70): VNC

Ion 43.00 (42.70 to 43.70): VNC

Ion 87.00 (86.70 to 87.70): VNC

Ion 59.00 (58.70 to 59.70): VNC





#23

Vinyl Acetate

Concen: 233.448 ug/l

RT: 5.55 min Scan# 1233

Delta R.T. 0.00 min

Lab File: VN061128.D

Acq: 22 Apr 2020 14:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 1503828

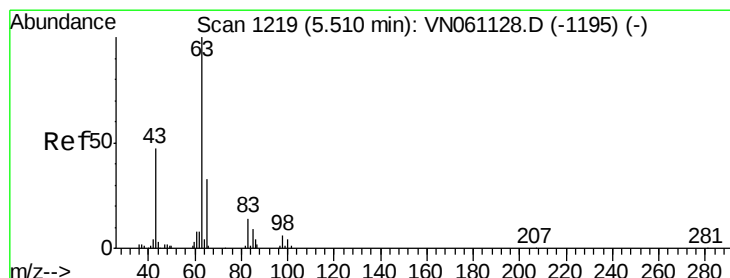
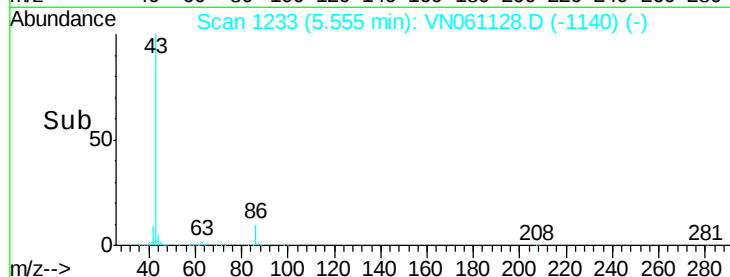
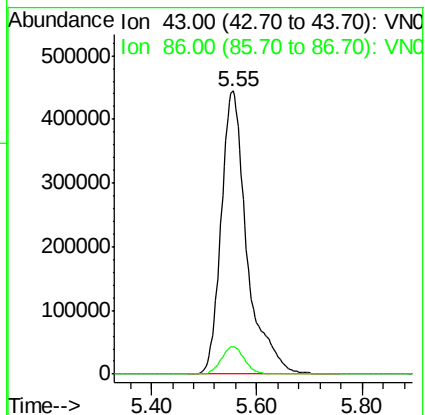
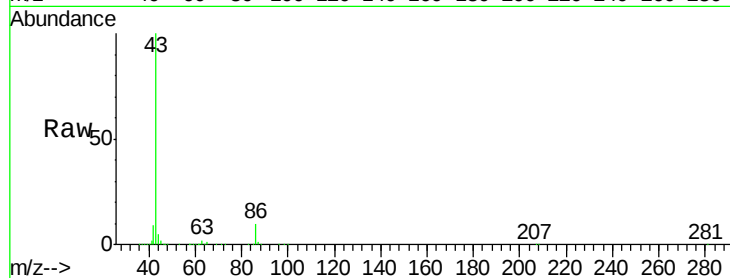
Ion Ratio Lower Upper

43 100

86 9.8 7.8 11.8

Manual Integrations
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#24

1,1-Dichloroethane

Concen: 45.844 ug/l

RT: 5.51 min Scan# 1219

Delta R.T. 0.00 min

Lab File: VN061128.D

Acq: 22 Apr 2020 14:21

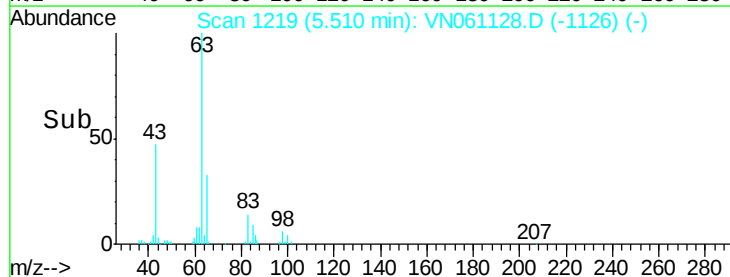
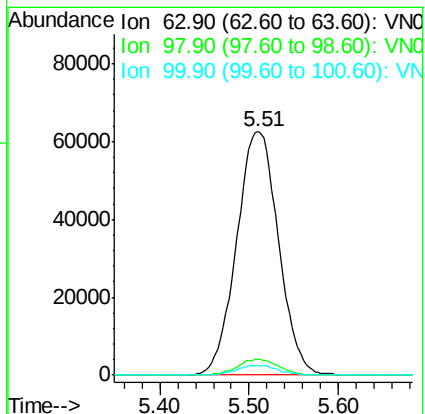
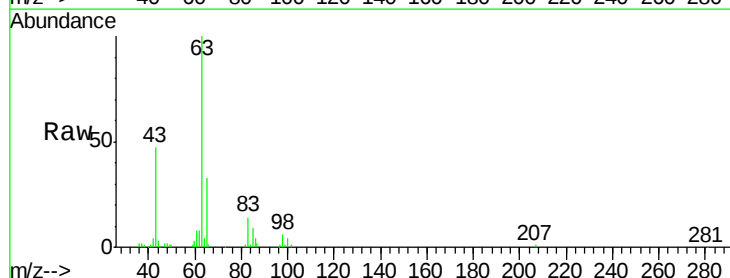
Tgt Ion: 63 Resp: 203495

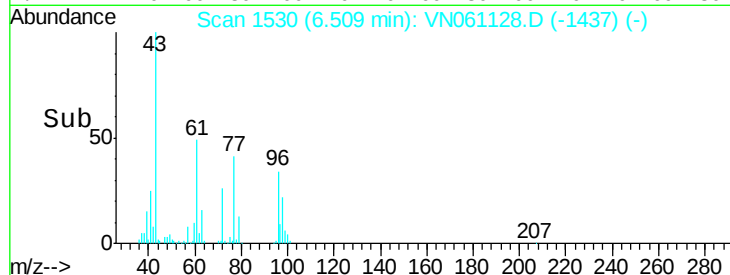
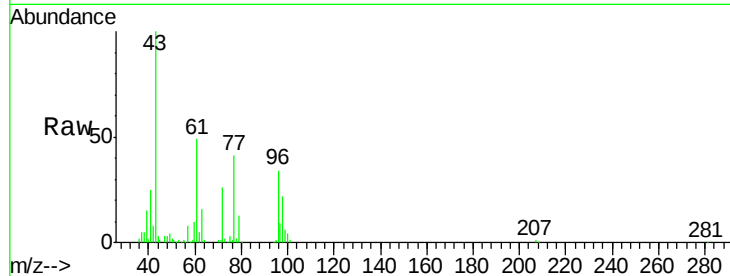
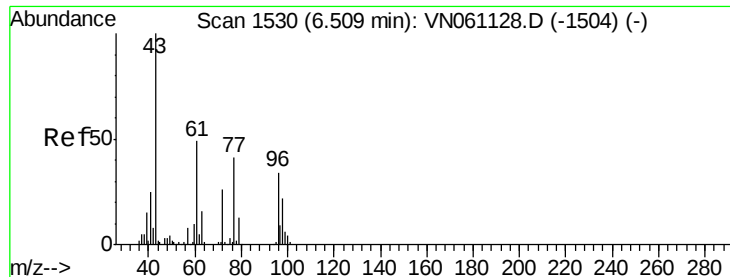
Ion Ratio Lower Upper

63 100

98 6.5 3.3 9.8

100 4.0 2.0 6.0





#25

2-Butanone

Concen: 227.865 ug/l

RT: 6.51 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VN061128.D

Acq: 22 Apr 2020 14:21

Tot Ion: 43 Resp: 372969

Ion Ratio Lower Upper

43 100

72 26.0 20.8 31.2

Instrument :

MSVOA_N

ClientSampleId :

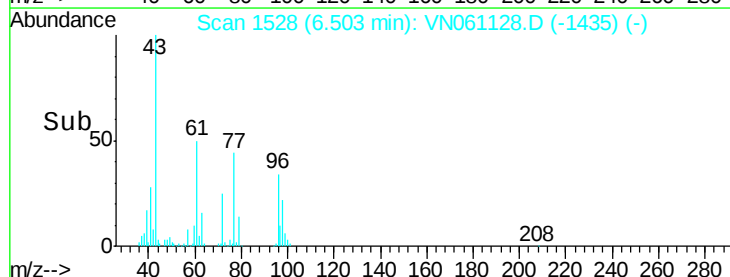
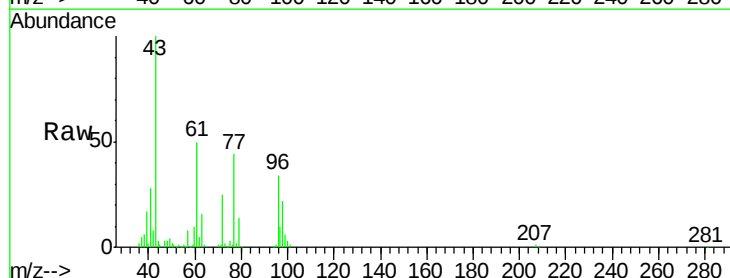
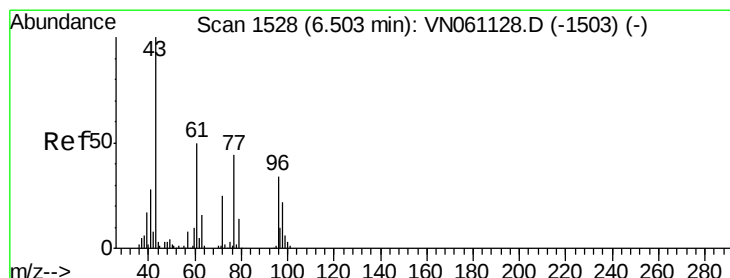
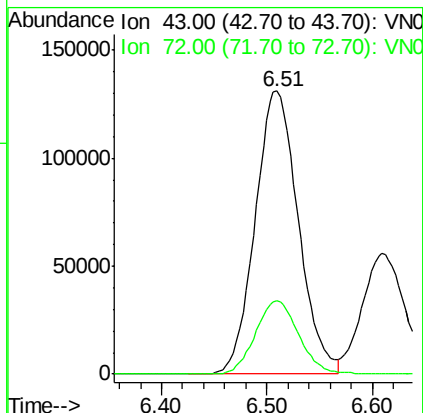
VSTDICCC050

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 48.262 ug/l

RT: 6.50 min Scan# 1528

Delta R.T. 0.00 min

Lab File: VN061128.D

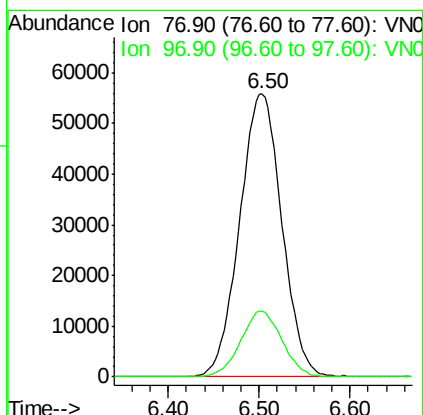
Acq: 22 Apr 2020 14:21

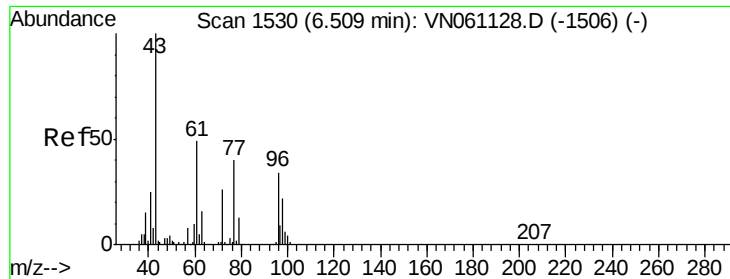
Tgt Ion: 77 Resp: 179679

Ion Ratio Lower Upper

77 100

97 22.7 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 48.377 ug/l

RT: 6.51 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VN061128.D

Acq: 22 Apr 2020 14:21

Instrument :

MSVOA_N

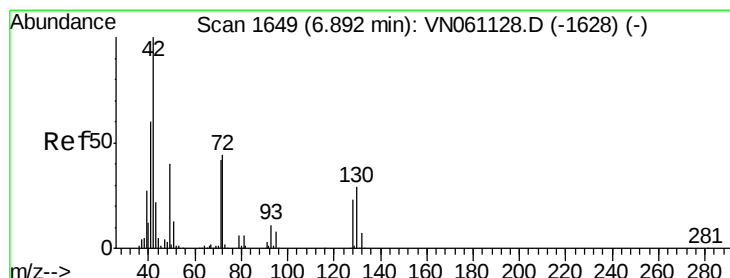
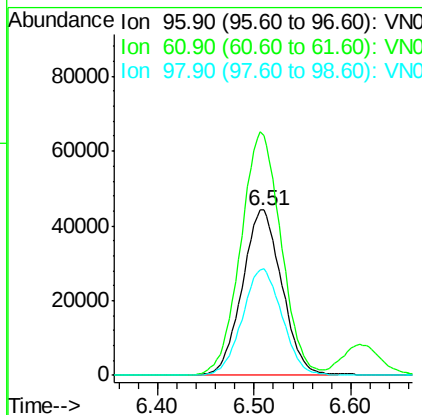
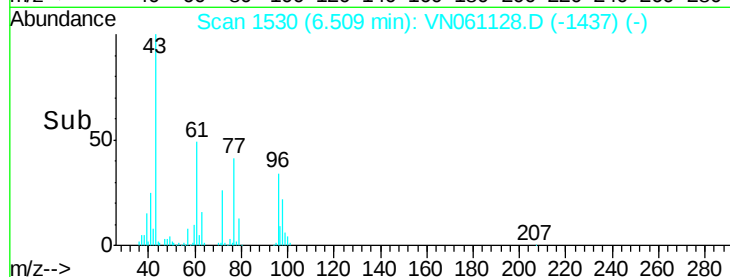
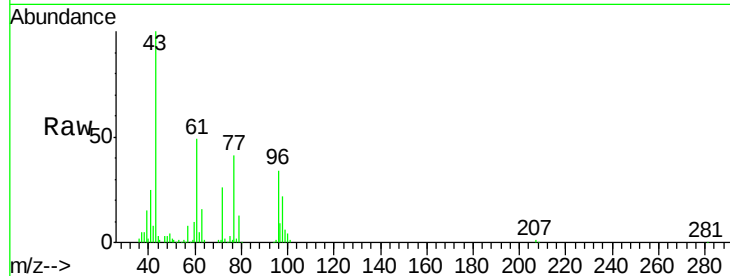
ClientSampleId :

VSTDICCC050

Tot Ion:	96	Resp:	125533
Ion Ratio	Lower	Upper	
96	100		
61	150.2	0.0	300.4
98	64.8	0.0	129.6

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#28

Bromochloromethane

Concen: 42.883 ug/l

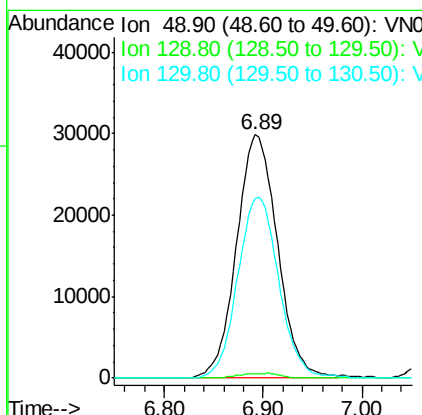
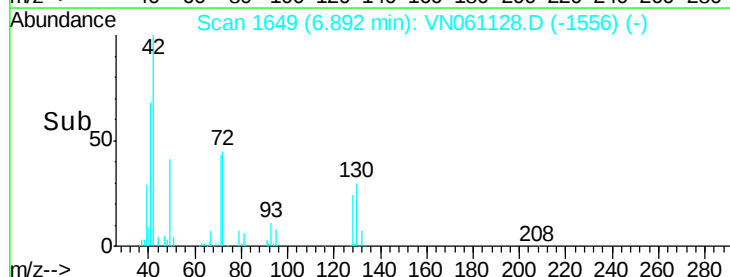
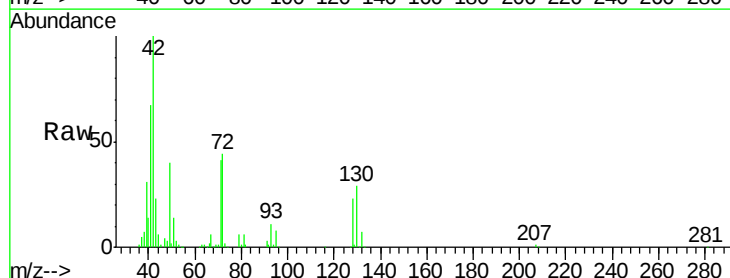
RT: 6.89 min Scan# 1649

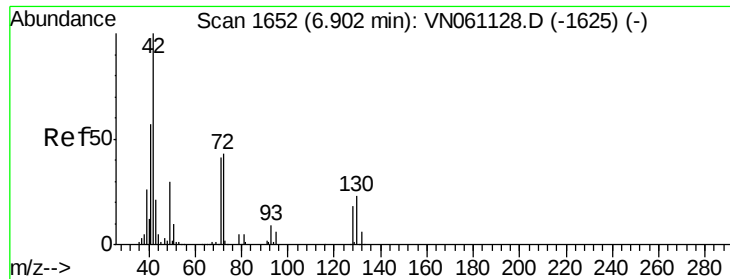
Delta R.T. 0.00 min

Lab File: VN061128.D

Acq: 22 Apr 2020 14:21

Tgt Ion:	49	Resp:	86021
Ion Ratio	Lower	Upper	
49	100		
129	1.1	0.0	2.2
130	74.6	59.7	89.5





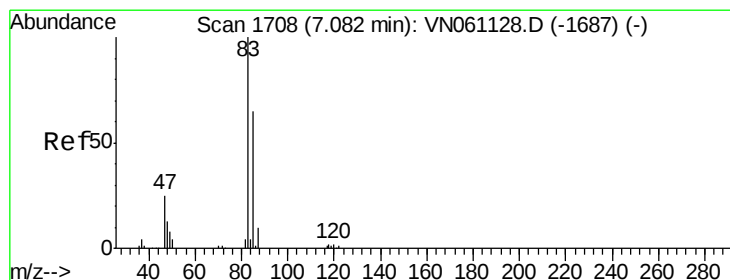
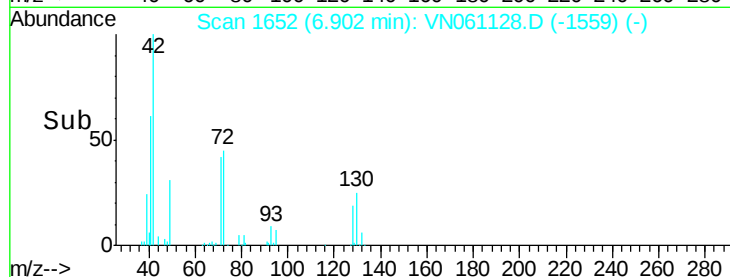
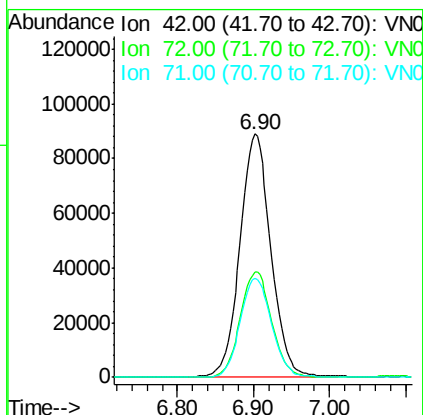
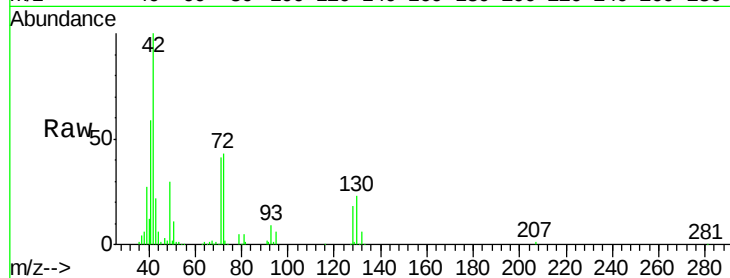
#29
Tetrahydrofuran
Concen: 226.430 ug/l
RT: 6.90 min Scan# 1652
Delta R.T. 0.00 min
Lab File: VN061128.D
Acq: 22 Apr 2020 14:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.9	35.1	52.7
71	41.3	33.0	49.6

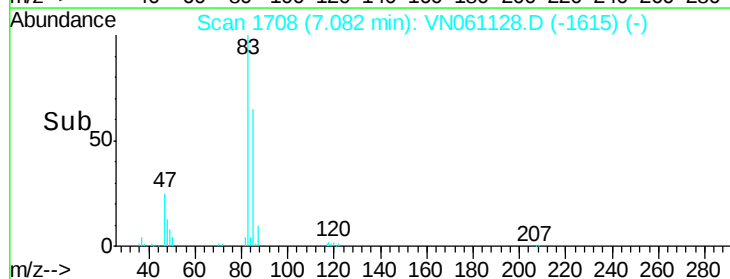
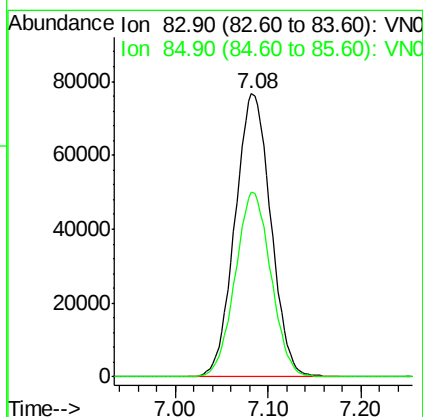
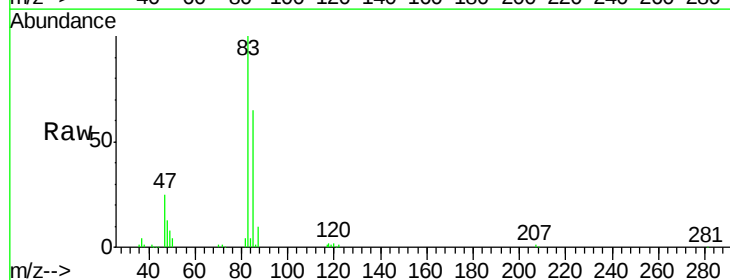
Manual Integrations
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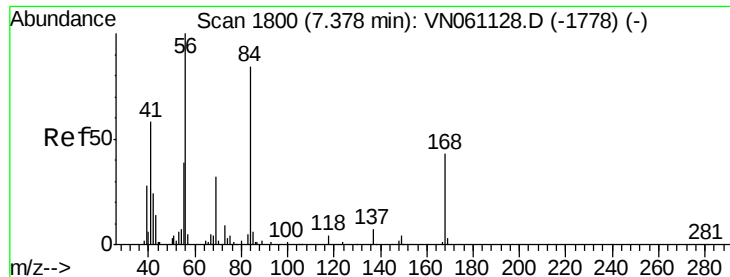
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#30
Chloroform
Concen: 49.012 ug/l
RT: 7.08 min Scan# 1708
Delta R.T. 0.00 min
Lab File: VN061128.D
Acq: 22 Apr 2020 14:21

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.3	52.2	78.4





#31

Cyclohexane

Concen: 42.984 ug/l

RT: 7.38 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VN061128.D

Acq: 22 Apr 2020 14:21

Instrument :

MSVOA_N

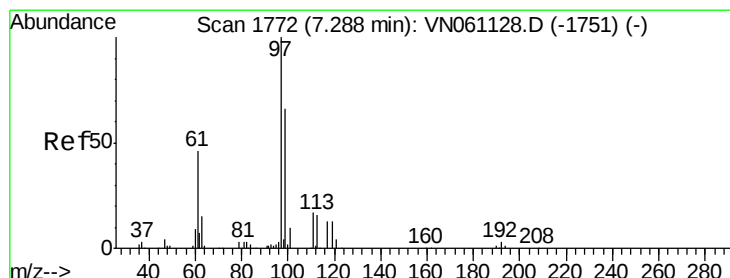
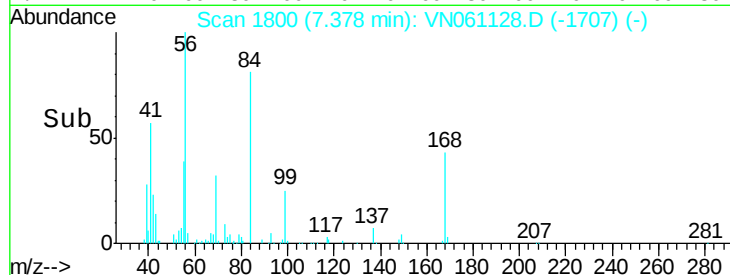
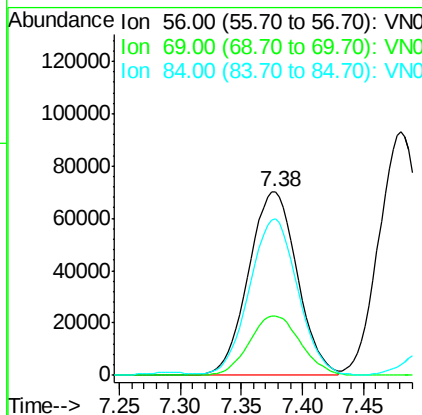
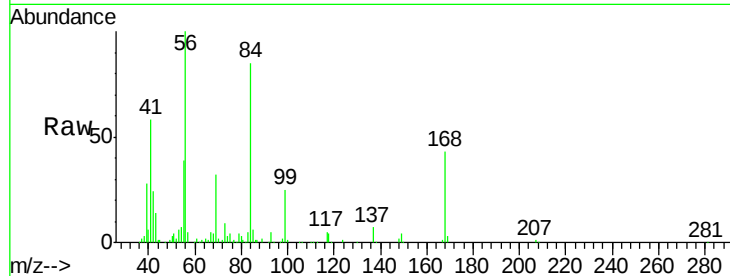
ClientSampleId :

VSTDICCC050

Tot Ion:	56	Resp:	194464
Ion	Ratio	Lower	Upper
56	100		
69	32.4	25.9	38.9
84	84.2	67.4	101.0

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#32

1,1,1-Trichloroethane

Concen: 49.614 ug/l

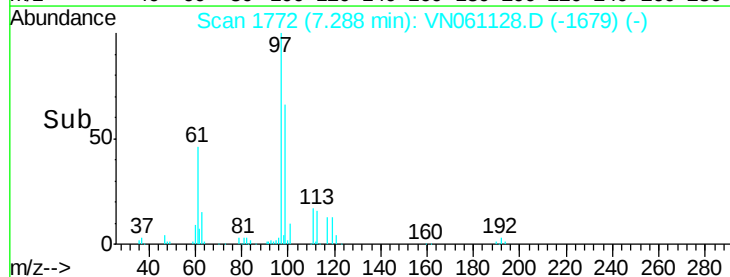
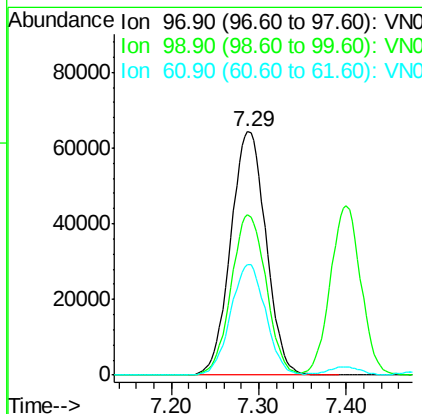
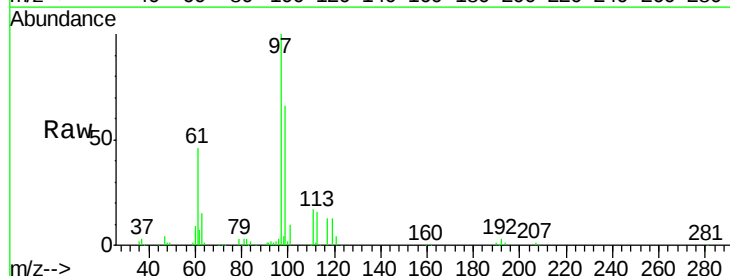
RT: 7.29 min Scan# 1772

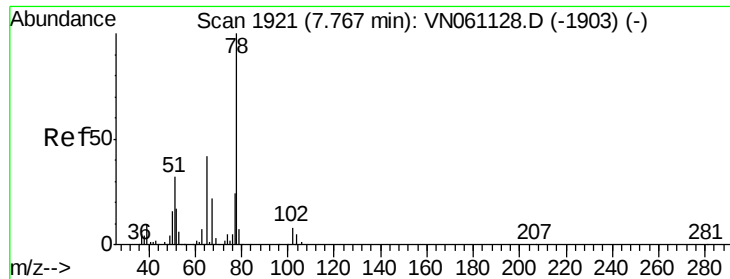
Delta R.T. 0.00 min

Lab File: VN061128.D

Acq: 22 Apr 2020 14:21

Tgt Ion:	97	Resp:	180341
Ion	Ratio	Lower	Upper
97	100		
99	65.0	52.0	78.0
61	44.9	35.9	53.9





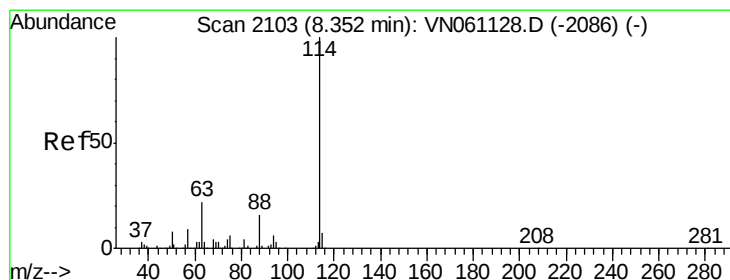
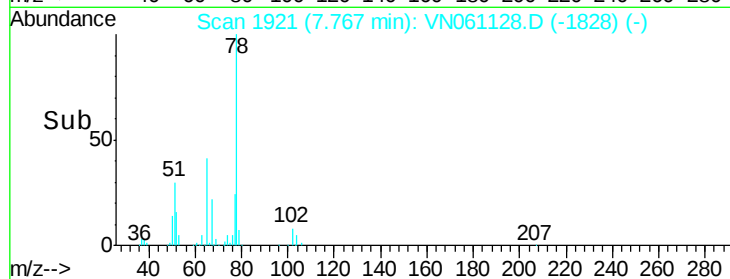
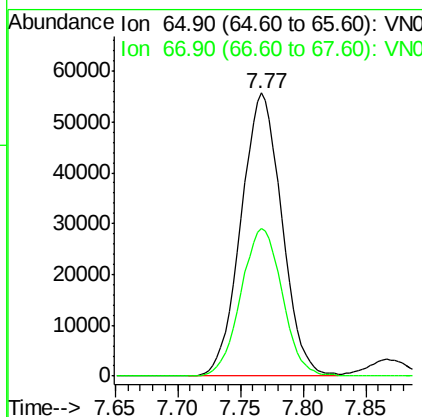
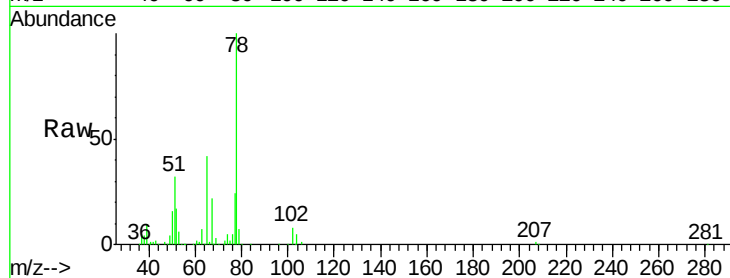
#33
 1,2-Dichloroethane-d4
 Concen: 50.102 ug/l
 RT: 7.77 min Scan# 1921
 Delta R.T. 0.00 min
 Lab File: VN061128.D
 Acq: 22 Apr 2020 14:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	52.9	0.0	105.8	

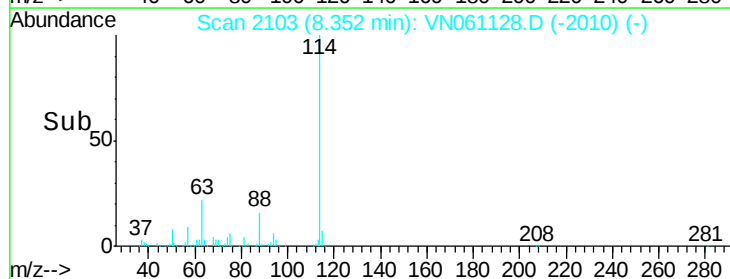
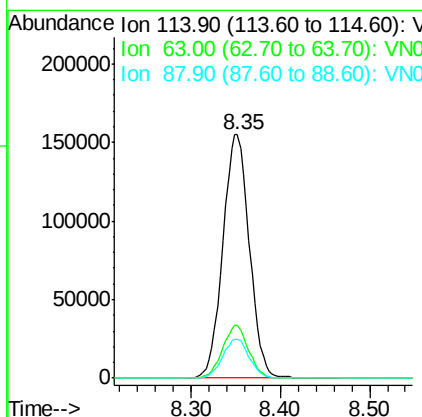
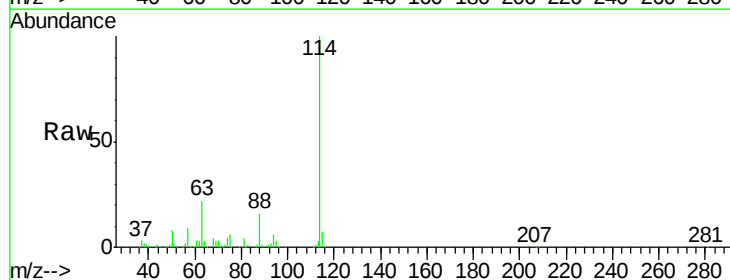
Manual Integrations
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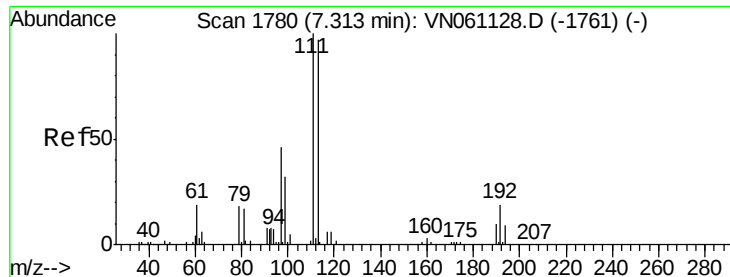
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 4/24/2020 1:34:58 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.35 min Scan# 2103
 Delta R.T. 0.00 min
 Lab File: VN061128.D
 Acq: 22 Apr 2020 14:21

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	21.6	0.0	43.2	
88	16.2	0.0	32.4	





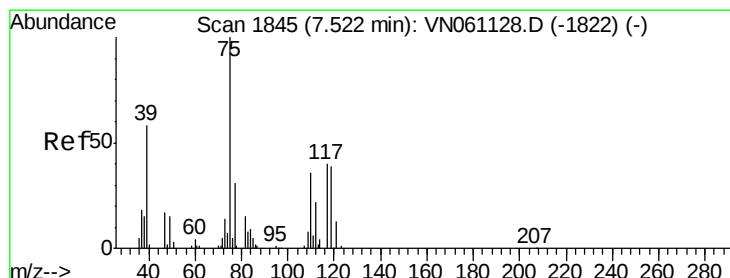
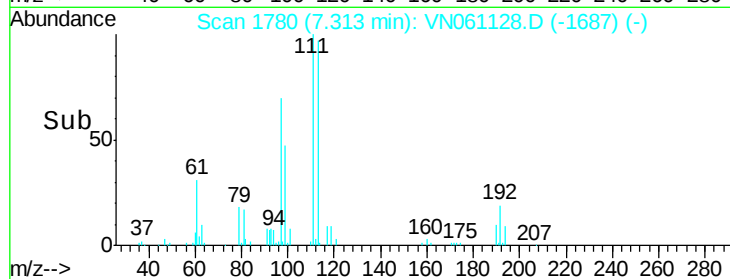
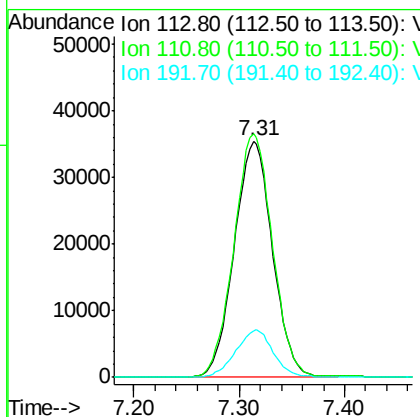
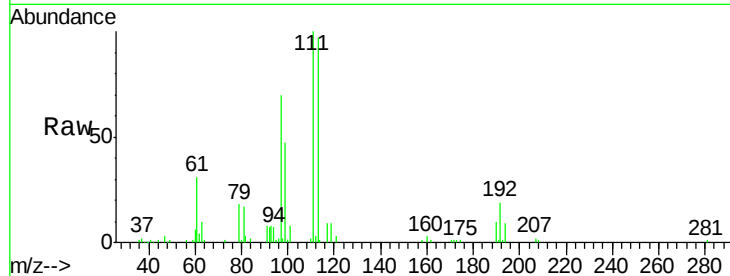
#35
 Dibromofluoromethane
 Concen: 48.091 ug/l
 RT: 7.31 min Scan# 1780
 Delta R.T. 0.00 min
 Lab File: VN061128.D
 Acq: 22 Apr 2020 14:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.8	83.0	124.6
192	19.7	15.8	23.6

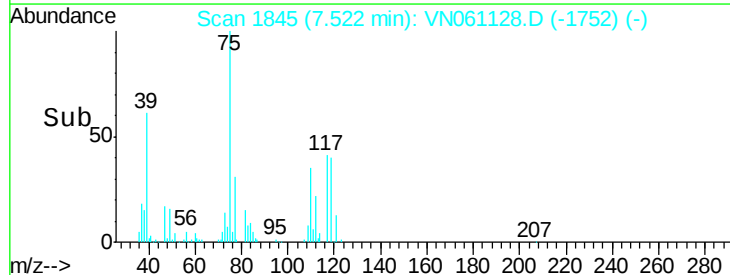
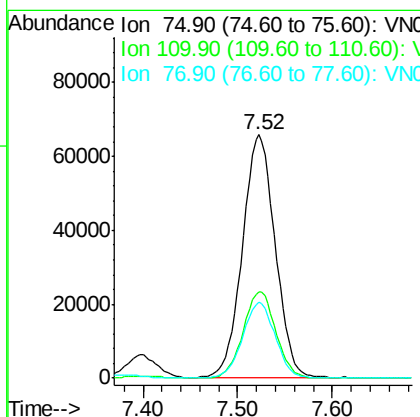
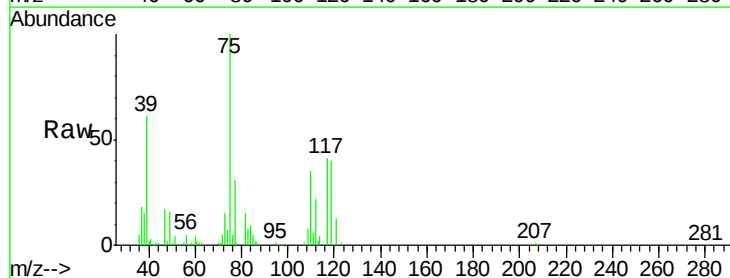
Manual Integrations
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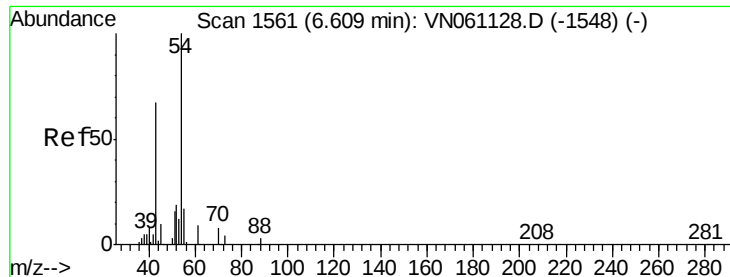
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#36
 1,1-Dichloropropene
 Concen: 48.420 ug/l
 RT: 7.52 min Scan# 1845
 Delta R.T. 0.00 min
 Lab File: VN061128.D
 Acq: 22 Apr 2020 14:21

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.4	17.7	53.1
77	31.0	24.8	37.2





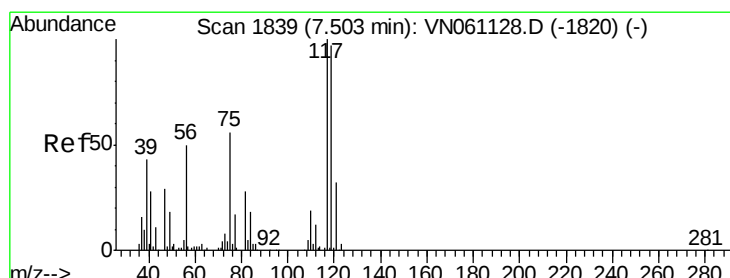
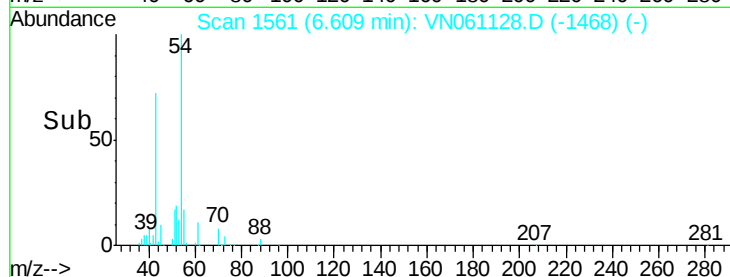
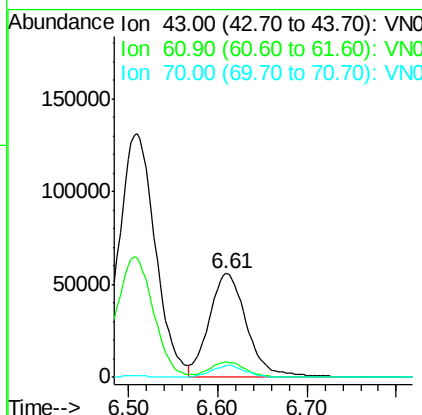
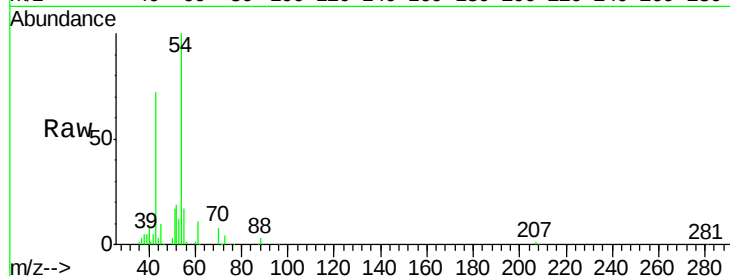
#37
Ethyl Acetate
Concen: 45.760 ug/l
RT: 6.61 min Scan# 1561
Delta R.T. 0.00 min
Lab File: VN061128.D
Acq: 22 Apr 2020 14:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.2	11.4	17.0
70	10.3	8.2	12.4

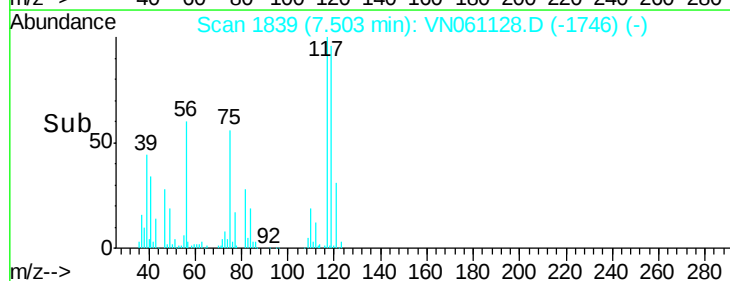
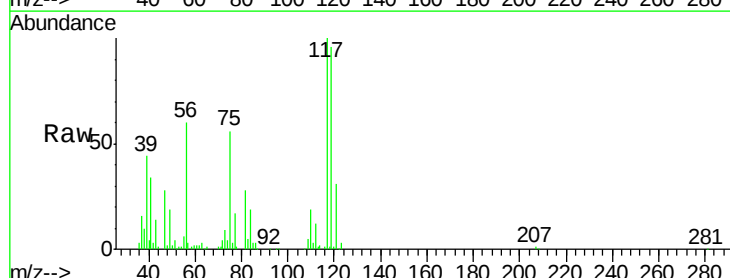
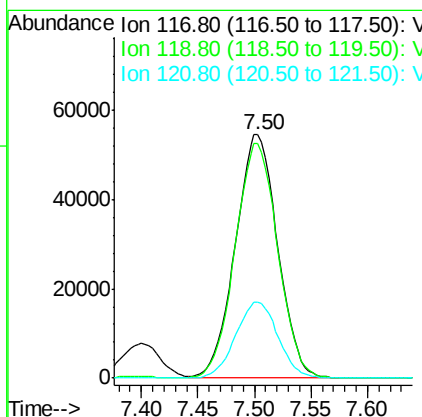
Manual Integrations
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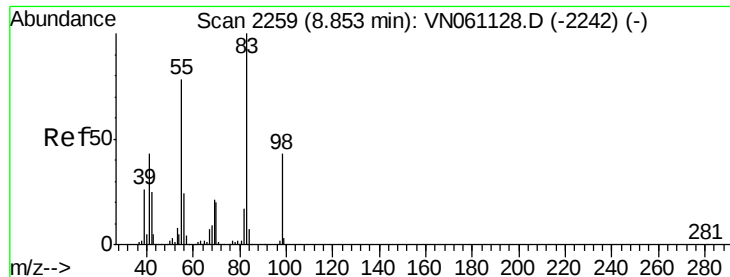
MMDadoda
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#38
Carbon Tetrachloride
Concen: 52.033 ug/l
RT: 7.50 min Scan# 1839
Delta R.T. 0.00 min
Lab File: VN061128.D
Acq: 22 Apr 2020 14:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.1	76.9	115.3
121	31.3	25.0	37.6





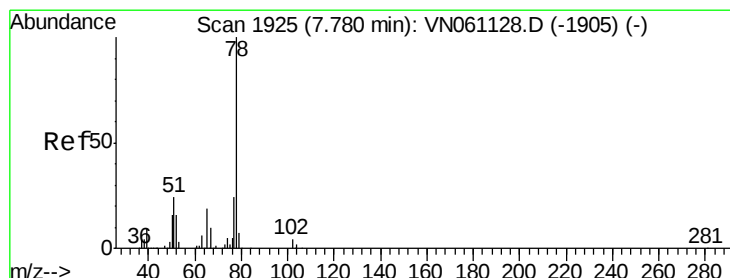
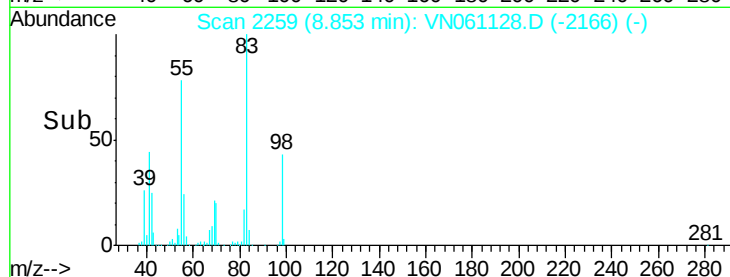
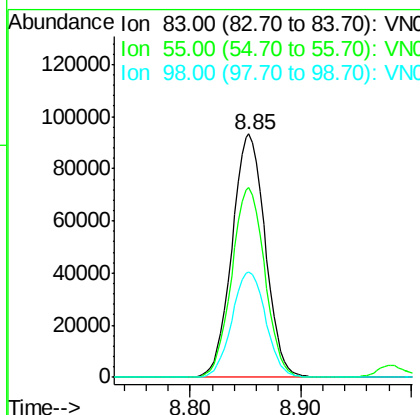
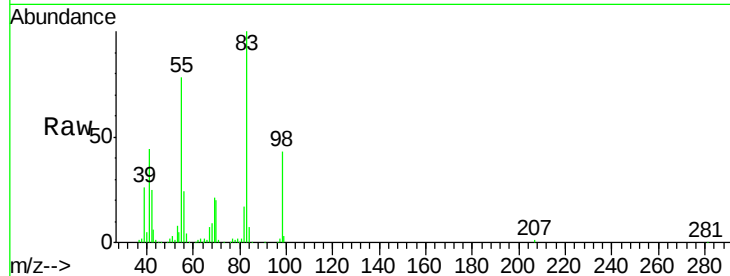
#39
Methylvlcyclohexane
Concen: 49.787 ug/l
RT: 8.85 min Scan# 2259
Delta R.T. 0.00 min
Lab File: VN061128.D
Acq: 22 Apr 2020 14:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.8	62.2	93.4
98	43.4	34.7	52.1

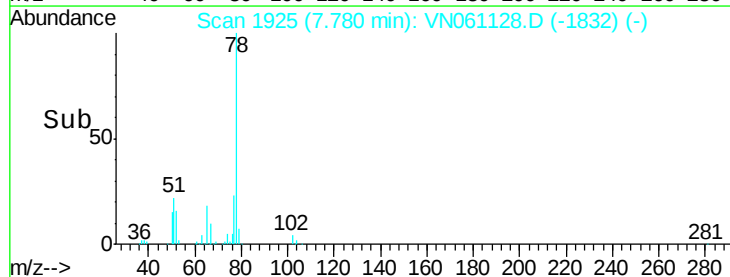
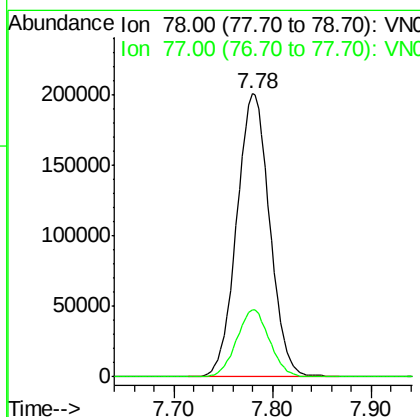
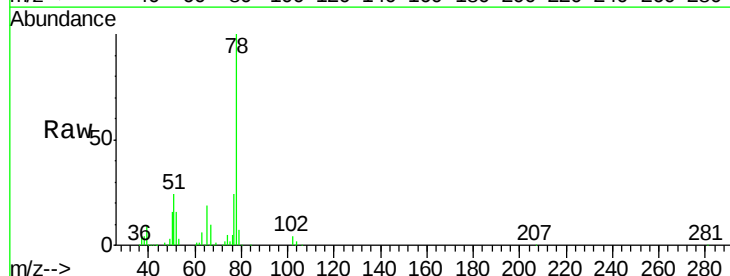
Manual Integrations
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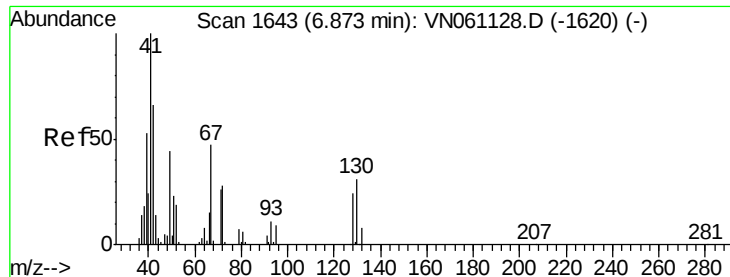
MMDadoda
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#40
Benzene
Concen: 48.129 ug/l
RT: 7.78 min Scan# 1925
Delta R.T. 0.00 min
Lab File: VN061128.D
Acq: 22 Apr 2020 14:21

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.0	28.6





#41

Methacrylonitrile

Concen: 52.216 ug/l m

RT: 6.87 min Scan# 1643

Delta R.T. 0.00 min

Lab File: VN061128.D

Acq: 22 Apr 2020 14:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion: 41 Resp: 77698

Ion Ratio Lower Upper

41 100

39 149.5 119.4 179.0

67 0.0 0.0 0.0

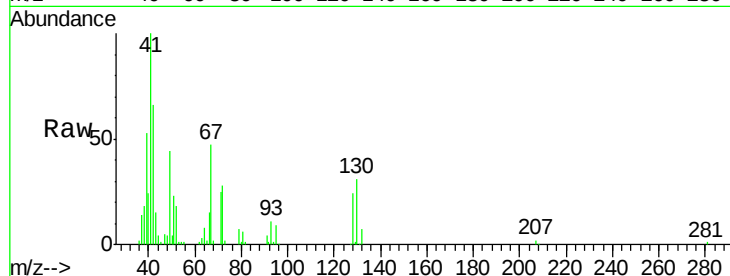
52 0.0 0.0 0.0

Manual Integrations

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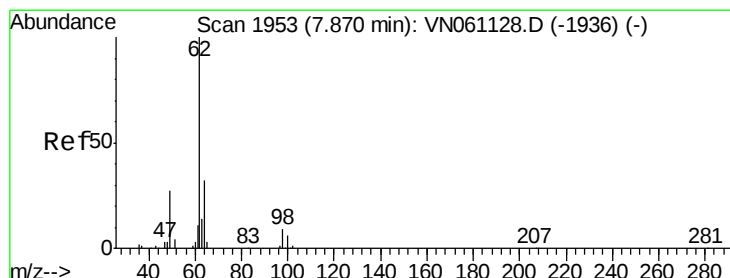
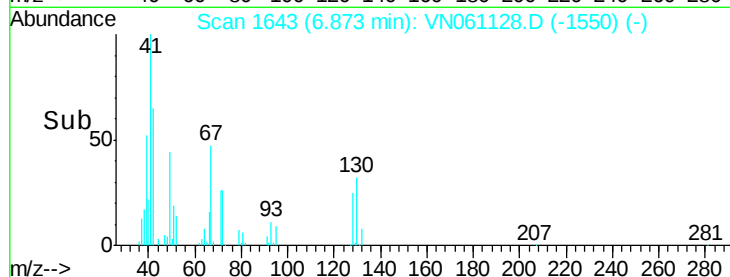
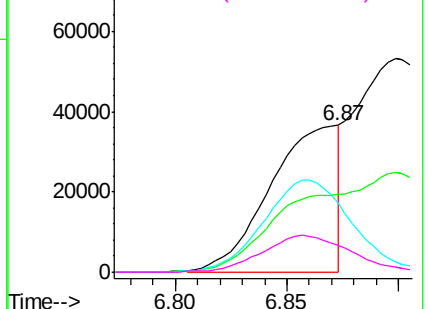


Abundance Ion 41.00 (40.70 to 41.70): VN061128.D (-1620) (-)

Ion 39.00 (38.70 to 39.70): VN061128.D (-1620) (-)

Ion 67.00 (66.70 to 67.70): VN061128.D (-1620) (-)

Ion 52.00 (51.70 to 52.70): VN061128.D (-1620) (-)



#42

1,2-Dichloroethane

Concen: 49.831 ug/l

RT: 7.87 min Scan# 1953

Delta R.T. 0.00 min

Lab File: VN061128.D

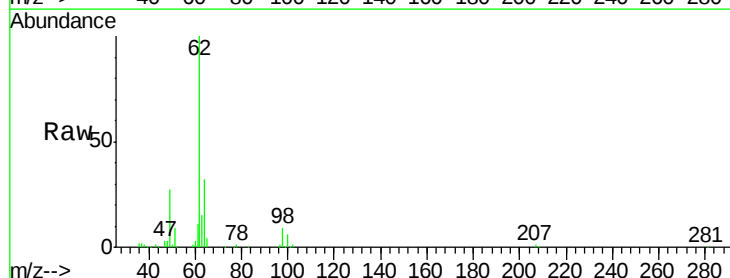
Acq: 22 Apr 2020 14:21

Tgt Ion: 62 Resp: 164958

Ion Ratio Lower Upper

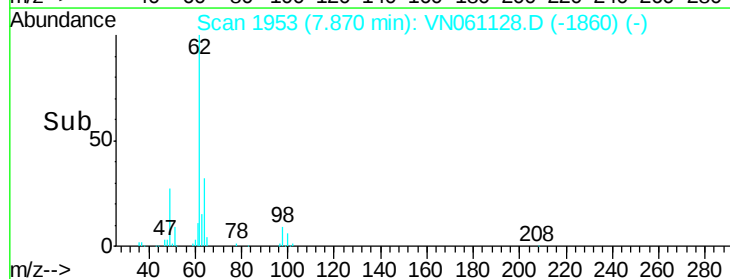
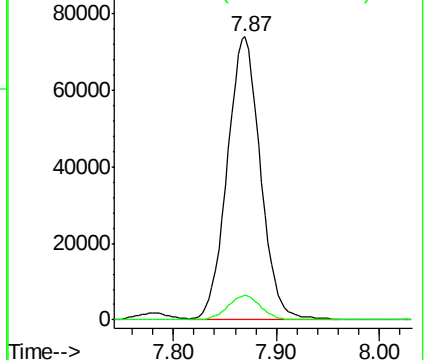
62 100

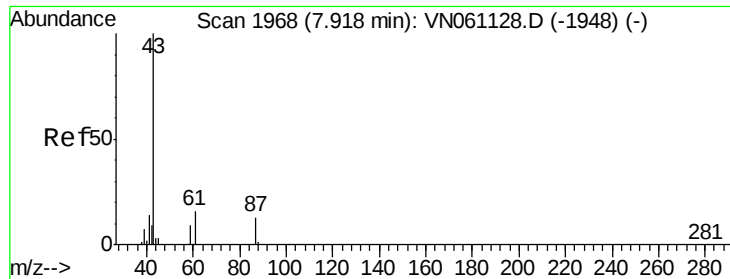
98 8.5 0.0 17.0



Abundance Ion 61.90 (61.60 to 62.60): VN061128.D (-1936) (-)

Ion 97.90 (97.60 to 98.60): VN061128.D (-1936) (-)





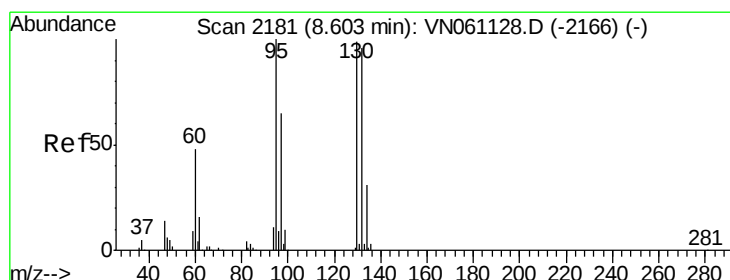
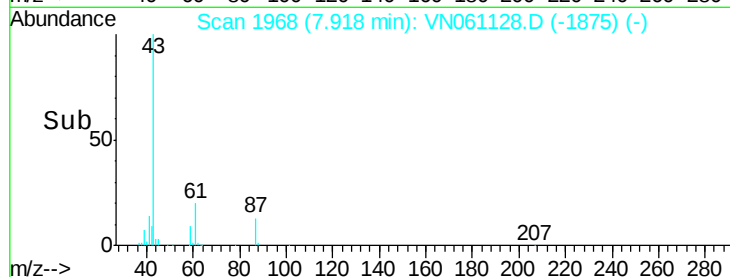
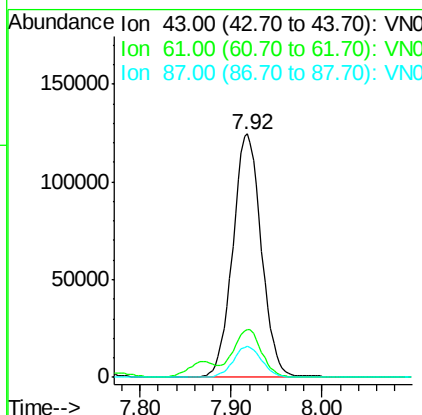
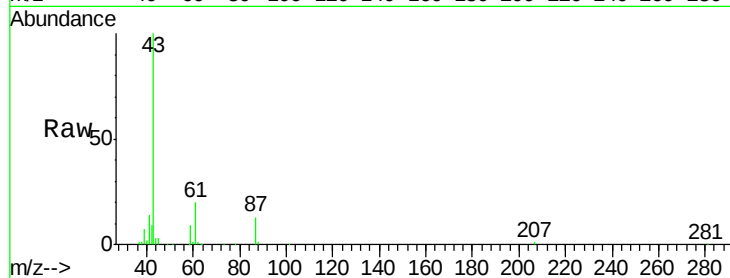
#43
Isopropyl Acetate
Concen: 47.300 ug/l
RT: 7.92 min Scan# 1968
Delta R.T. 0.00 min
Lab File: VN061128.D
Acq: 22 Apr 2020 14:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.4	15.5	23.3
87	12.8	10.2	15.4

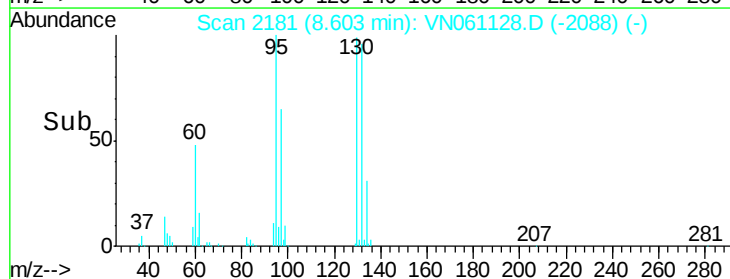
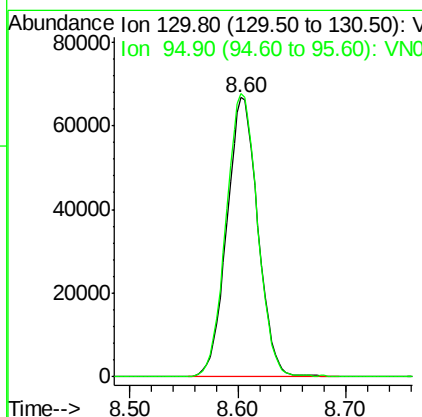
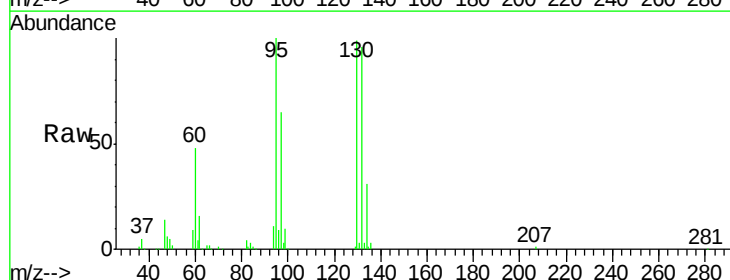
Manual Integrations
APPROVED

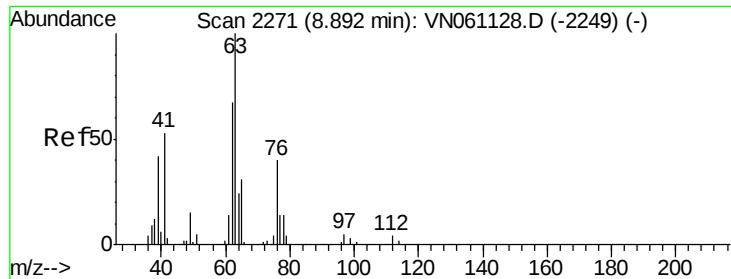
MMDadoda
4/24/2020 1:34:58 PM



#44
Trichloroethene
Concen: 53.703 ug/l
RT: 8.60 min Scan# 2181
Delta R.T. 0.00 min
Lab File: VN061128.D
Acq: 22 Apr 2020 14:21

Tgt Ion	Ratio	Lower	Upper
130	100		
95	101.3	0.0	202.6





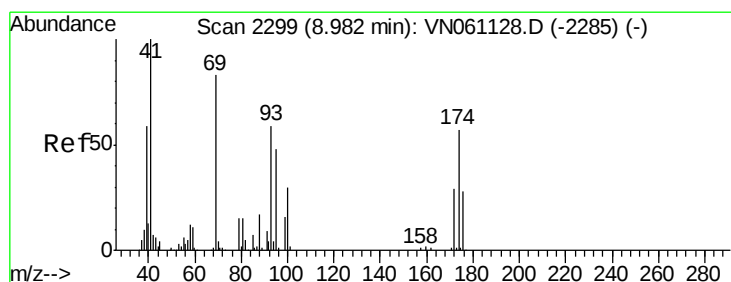
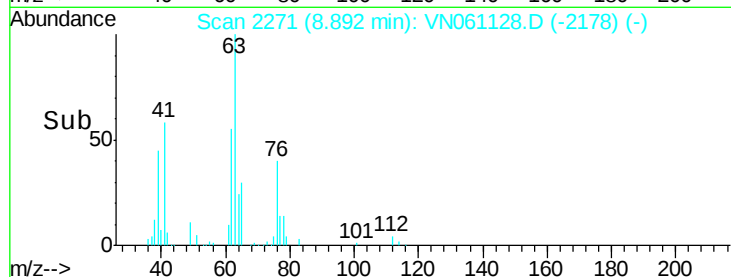
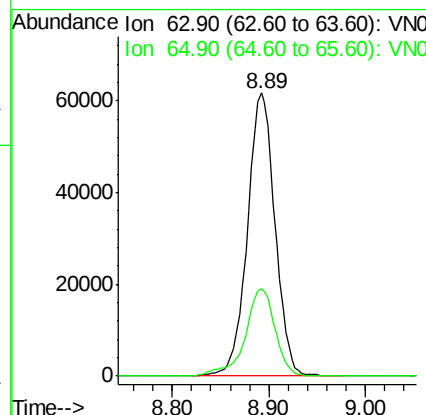
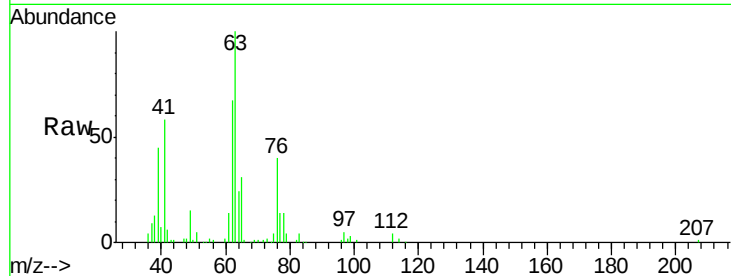
#45
 1,2-Dichloropropane
 Concen: 46.910 ug/l
 RT: 8.89 min Scan# 2271
 Delta R.T. 0.00 min
 Lab File: VN061128.D
 Acq: 22 Apr 2020 14:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.9	24.7	37.1

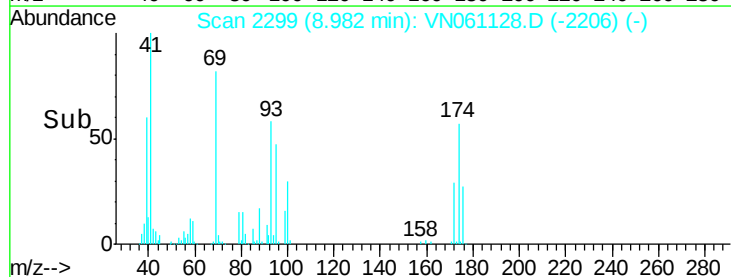
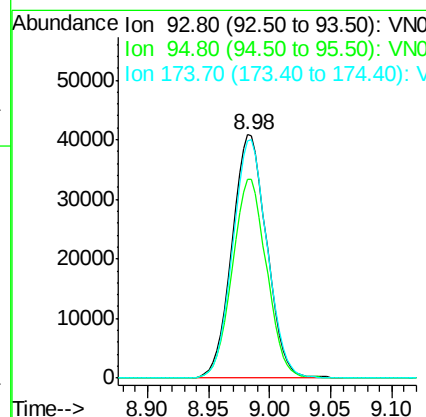
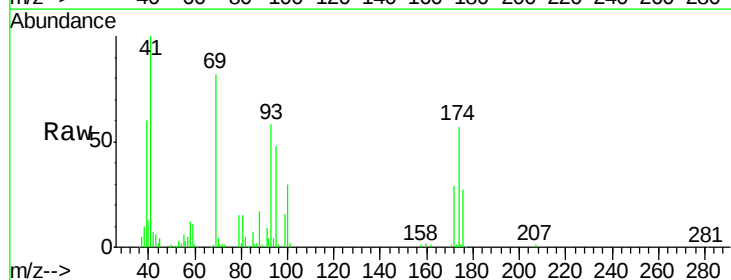
Manual Integrations
 APPROVED

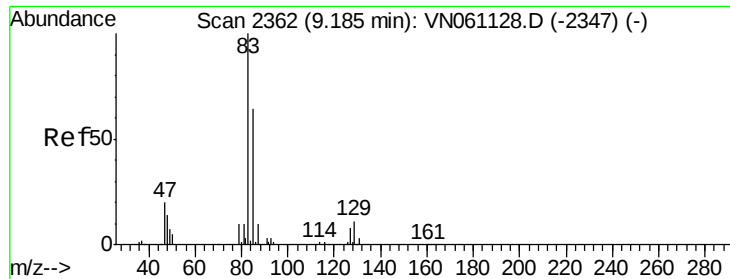
MMDadoda
 4/24/2020 1:34:58 PM



#46
 Dibromomethane
 Concen: 52.926 ug/l
 RT: 8.98 min Scan# 2299
 Delta R.T. 0.00 min
 Lab File: VN061128.D
 Acq: 22 Apr 2020 14:21

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.2	65.0	97.4
174	97.2	77.8	116.6





#47

Bromodichloromethane

Concen: 50.427 ug/l

RT: 9.18 min Scan# 2362

Delta R.T. 0.00 min

Lab File: VN061128.D

Acq: 22 Apr 2020 14:21

Instrument :

MSVOA_N

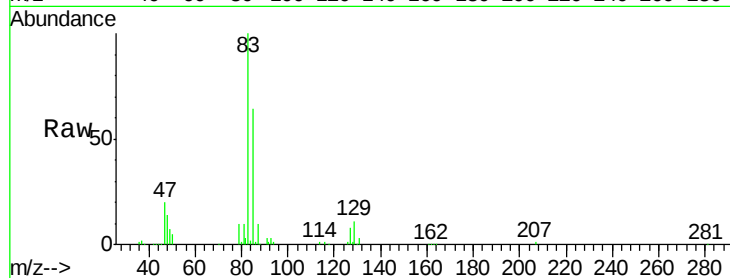
ClientSampleId :

VSTDICCC050

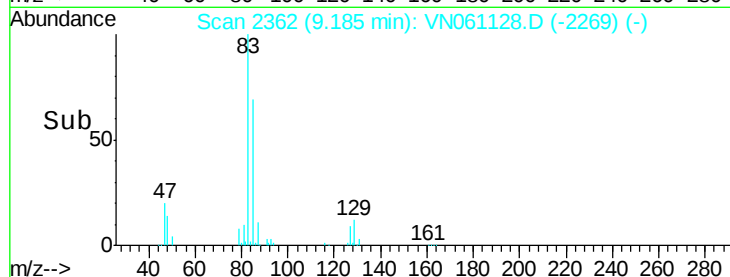
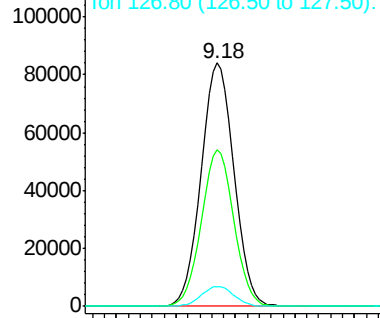
Tot Ion:	83	Resp:	161130
Ion	Ratio	Lower	Upper
83	100		
85	64.3	51.4	77.2
127	8.3	6.6	10.0

Manual Integrations
APPROVED

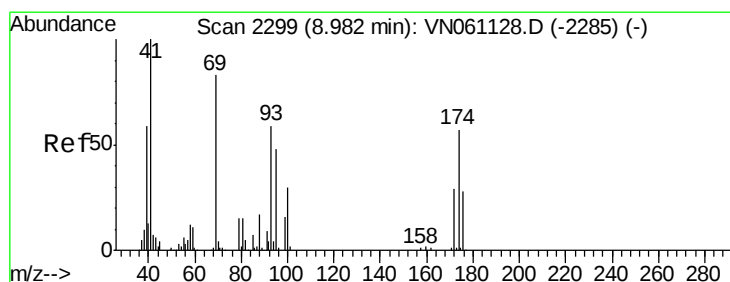
MMDadoda
4/24/2020 1:34:58 PM



Abundance Ion 82.90 (82.60 to 83.60): VN061128.D (-2347) (-)



Time-->



#48

Methyl methacrylate

Concen: 50.493 ug/l

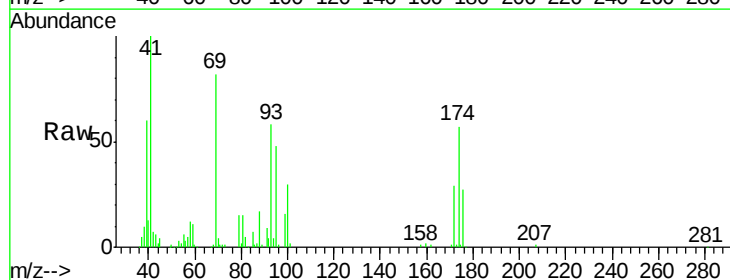
RT: 8.98 min Scan# 2299

Delta R.T. 0.00 min

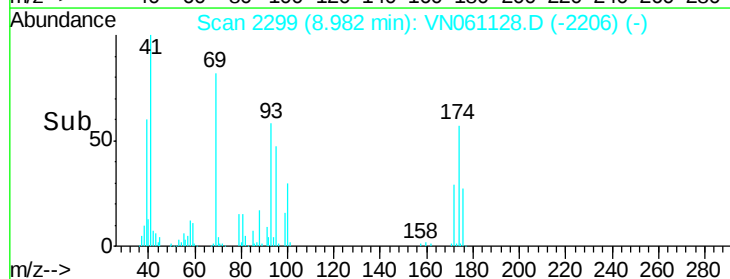
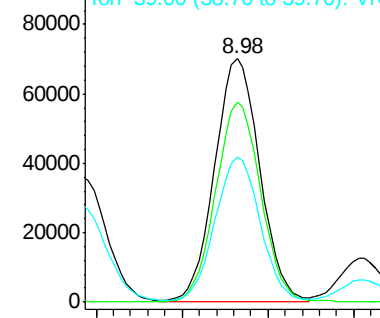
Lab File: VN061128.D

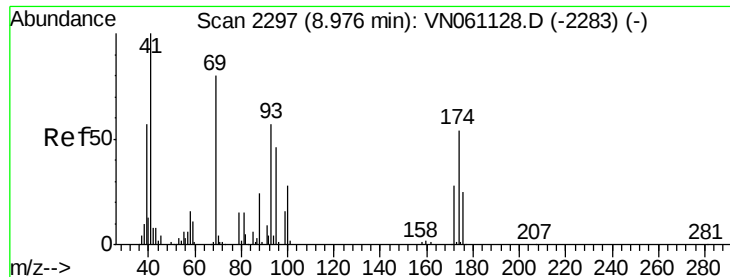
Acq: 22 Apr 2020 14:21

Tgt Ion:	41	Resp:	128605
Ion	Ratio	Lower	Upper
41	100		
69	81.8	65.4	98.2
39	59.7	47.8	71.6



Abundance Ion 41.00 (40.70 to 41.70): VN061128.D (-2285) (-)





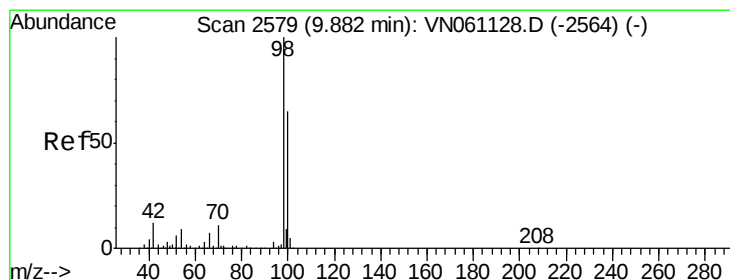
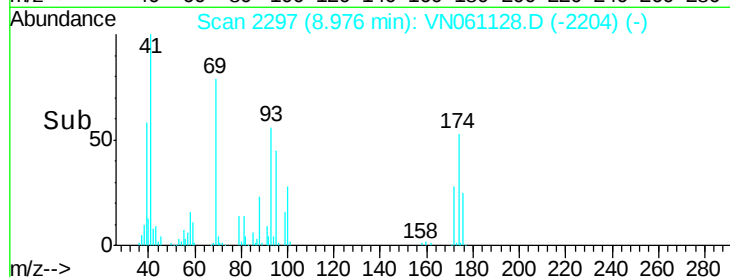
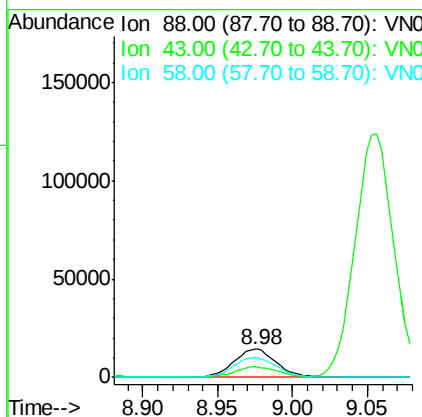
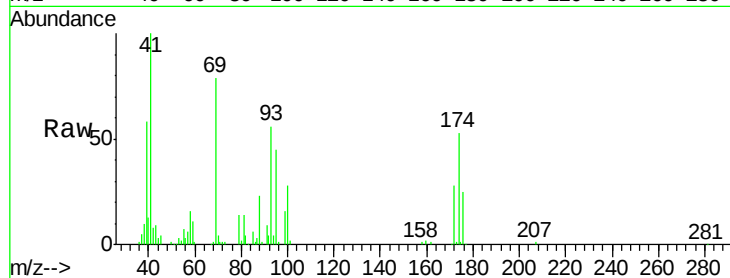
#49
1,4-Dioxane
Concen: 913.710 ug/l
RT: 8.98 min Scan# 2297
Delta R.T. 0.00 min
Lab File: VN061128.D
Acq: 22 Apr 2020 14:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.2	29.0	43.4
58	72.2	57.8	86.6

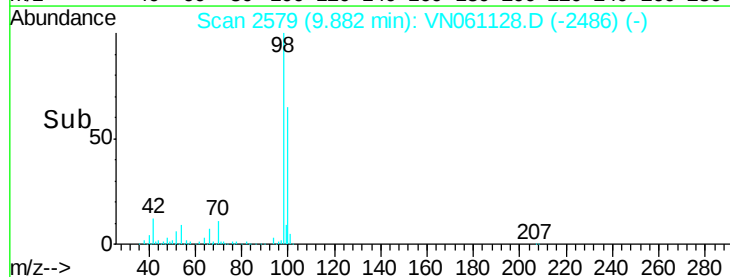
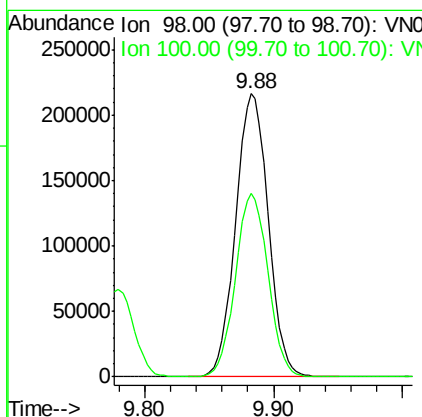
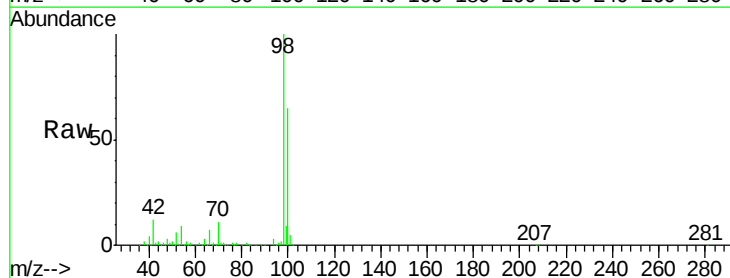
Manual Integrations
APPROVED

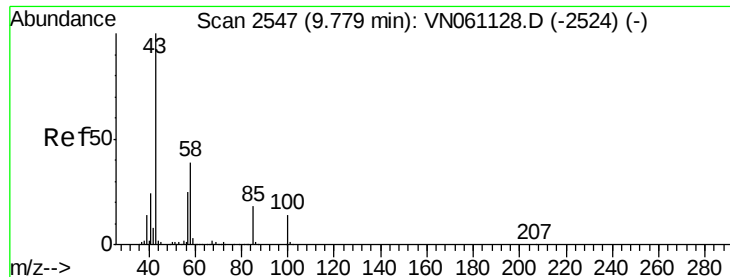
MMDadoda
4/24/2020 1:34:58 PM



#50
Toluene-d8
Concen: 52.684 ug/l
RT: 9.88 min Scan# 2579
Delta R.T. 0.00 min
Lab File: VN061128.D
Acq: 22 Apr 2020 14:21

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.7	51.8	77.6





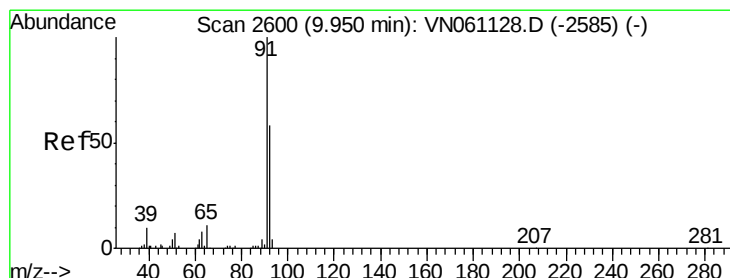
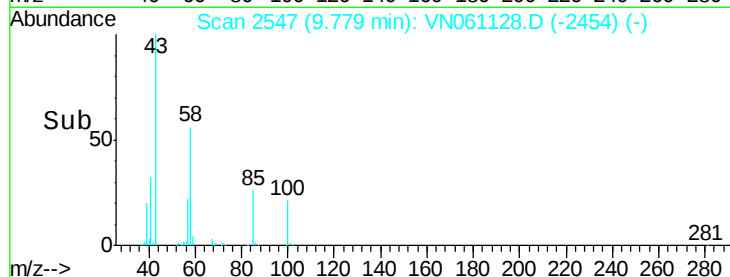
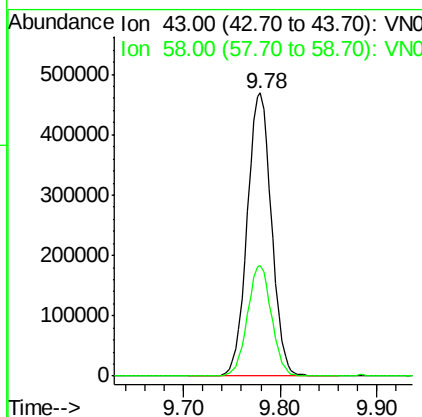
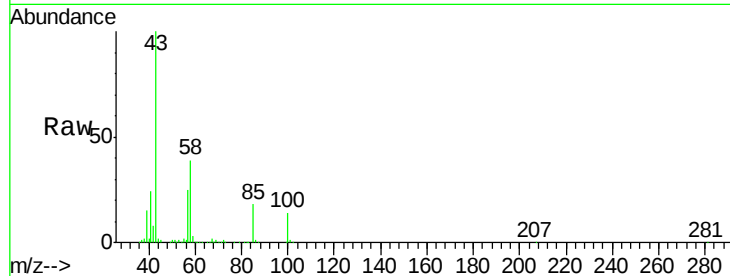
#51
 4-Methyl-2-Pentanone
 Concen: 246.442 ug/l
 RT: 9.78 min Scan# 2547
 Delta R.T. 0.00 min
 Lab File: VN061128.D
 Acq: 22 Apr 2020 14:21

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	38.8	31.0	46.6

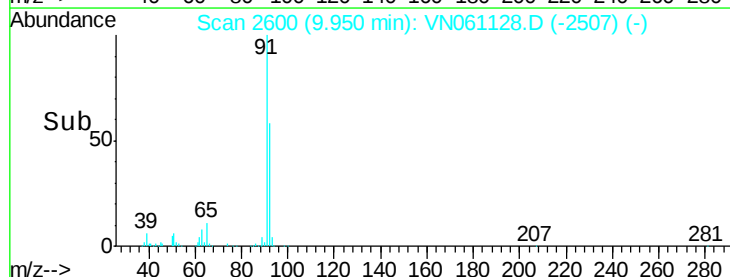
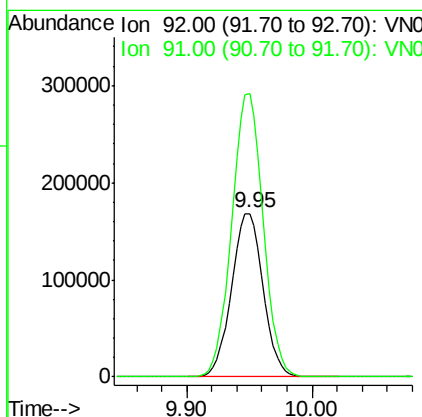
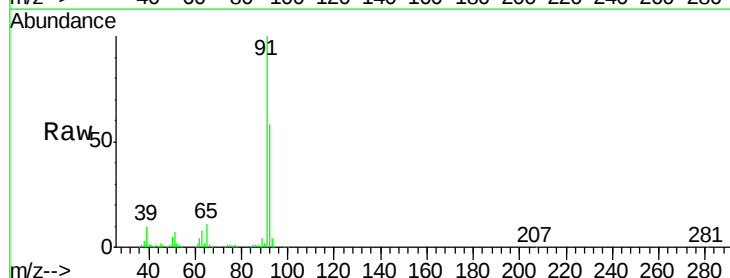
Manual Integrations
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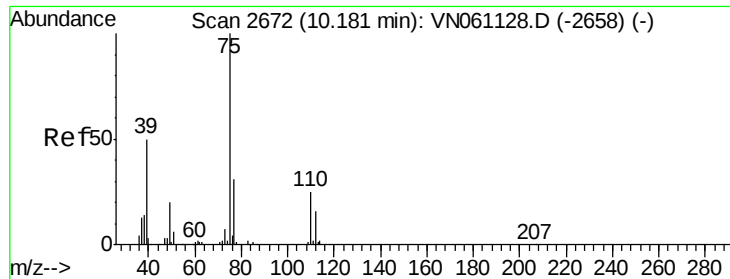
MMDadoda
 4/24/2020 1:34:58 PM



#52
 Toluene
 Concen: 50.253 ug/l
 RT: 9.95 min Scan# 2600
 Delta R.T. 0.00 min
 Lab File: VN061128.D
 Acq: 22 Apr 2020 14:21

Tgt Ion	Ratio	Lower	Upper
92	100		
91	172.9	138.3	207.5





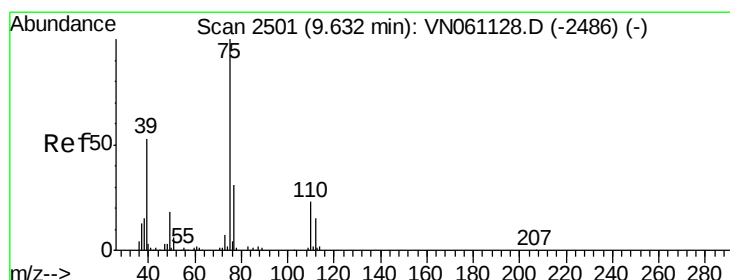
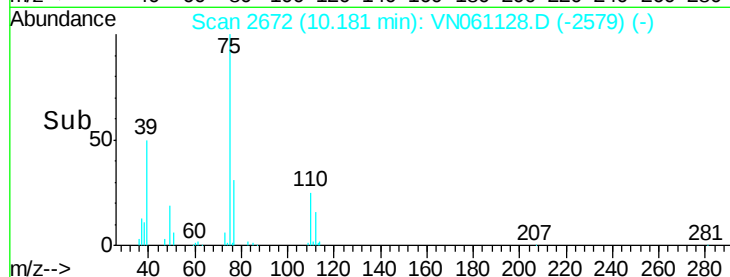
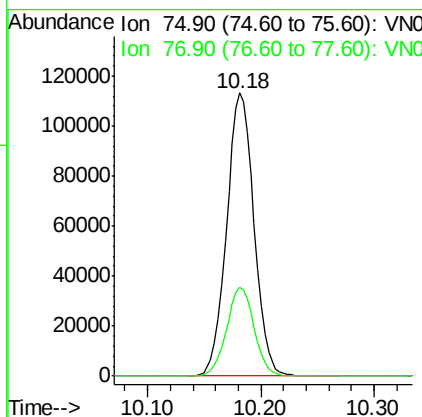
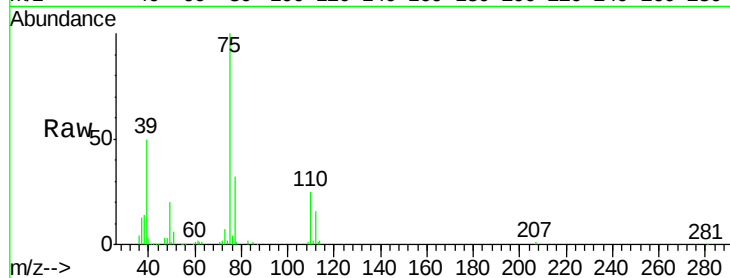
#53
t-1,3-Dichloropropene
Concen: 51.217 ug/l
RT: 10.18 min Scan# 2672
Delta R.T. 0.00 min
Lab File: VN061128.D
Acq: 22 Apr 2020 14:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.1	37.7

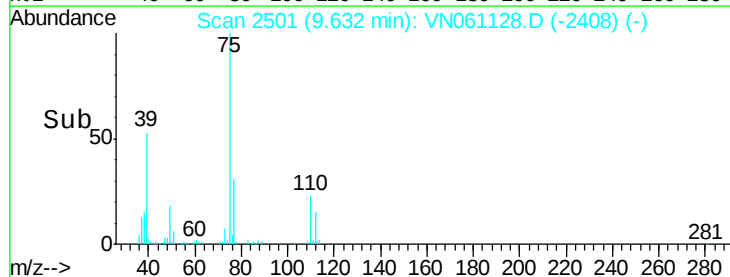
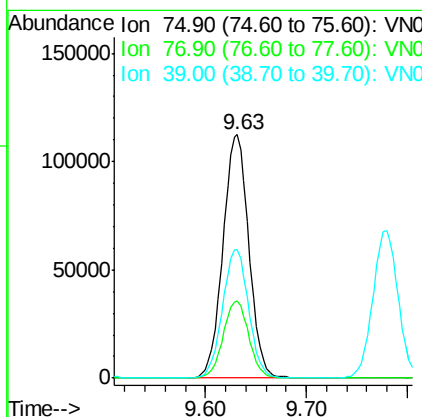
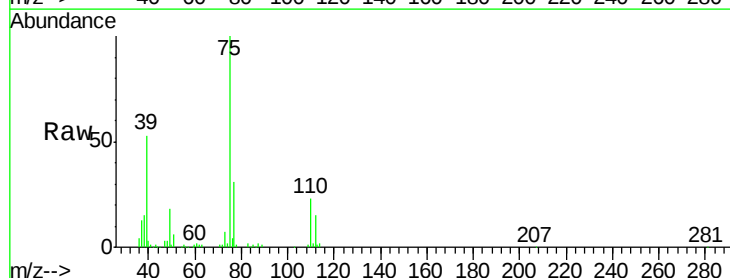
Manual Integrations
APPROVED

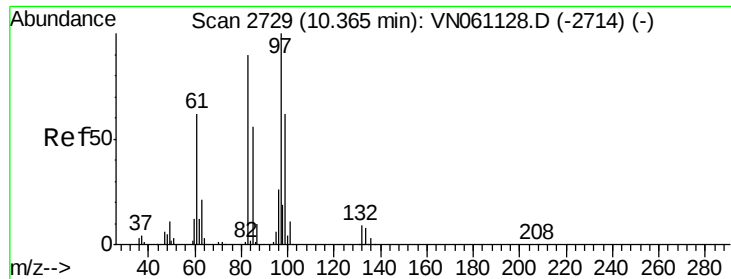
MMDadoda
4/24/2020 1:34:58 PM



#54
cis-1,3-Dichloropropene
Concen: 49.930 ug/l
RT: 9.63 min Scan# 2501
Delta R.T. 0.00 min
Lab File: VN061128.D
Acq: 22 Apr 2020 14:21

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.2	37.8
39	52.6	42.1	63.1





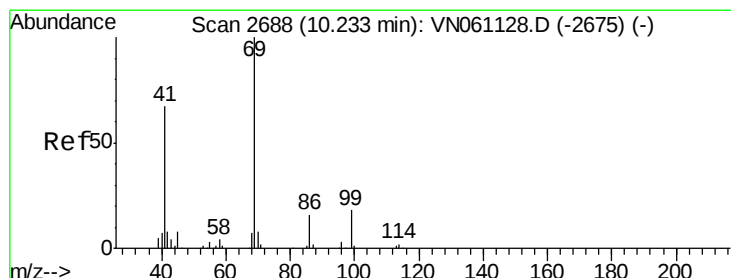
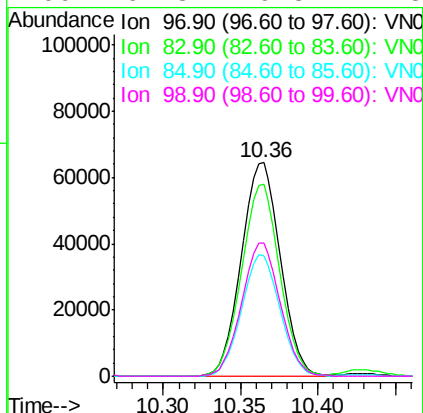
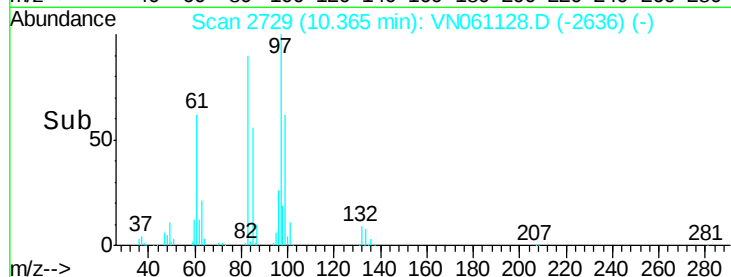
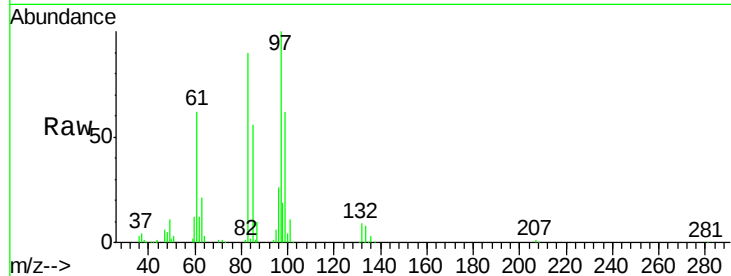
#55
 1,1,2-Trichloroethane
 Concen: 51.345 ug/l
 RT: 10.36 min Scan# 2729
 Delta R.T. 0.00 min
 Lab File: VN061128.D
 Acq: 22 Apr 2020 14:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion:	97	Resp:	113597
Ion	Ratio	Lower	Upper
97	100		
83	89.7	71.8	107.6
85	56.3	45.0	67.6
99	62.3	49.8	74.8

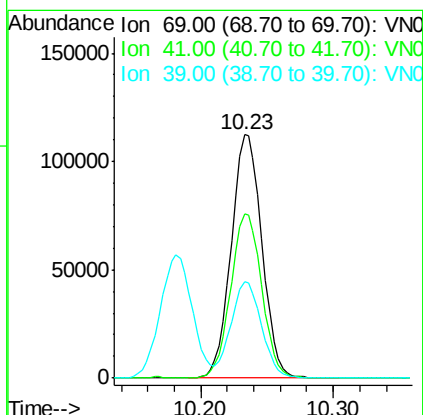
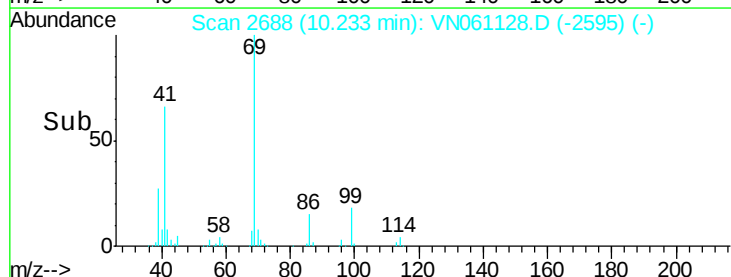
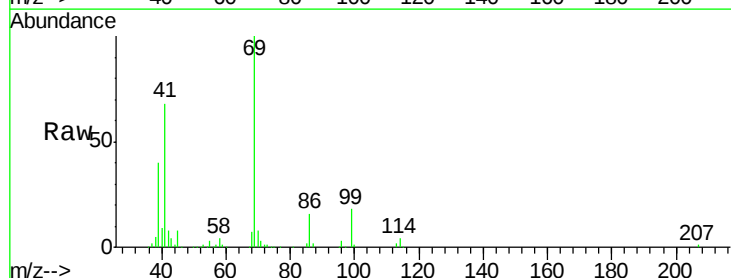
Manual Integrations
 APPROVED

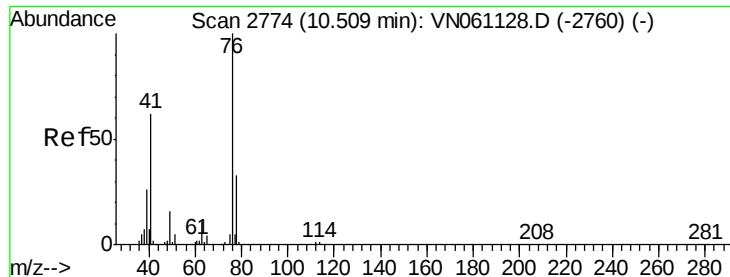
MMDadoda
 4/24/2020 1:34:58 PM



#56
 Ethyl methacrylate
 Concen: 52.217 ug/l
 RT: 10.23 min Scan# 2688
 Delta R.T. 0.00 min
 Lab File: VN061128.D
 Acq: 22 Apr 2020 14:21

Tgt Ion:	69	Resp:	180632
Ion	Ratio	Lower	Upper
69	100		
41	67.5	54.0	81.0
39	39.2	31.4	47.0





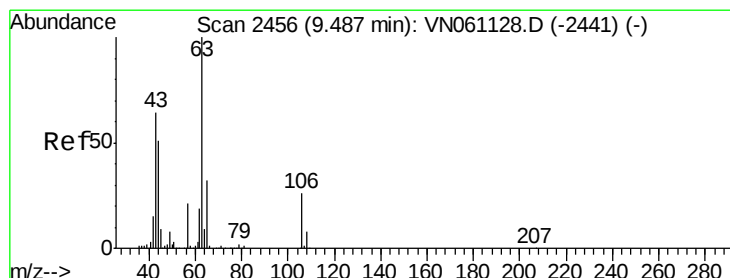
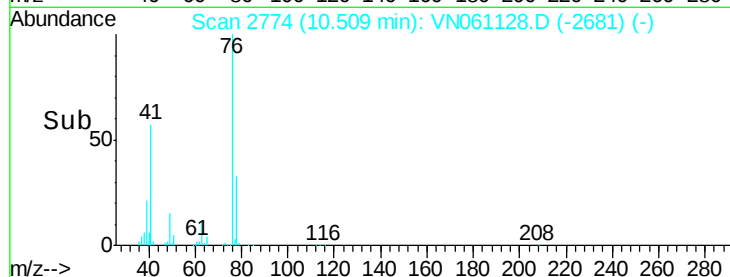
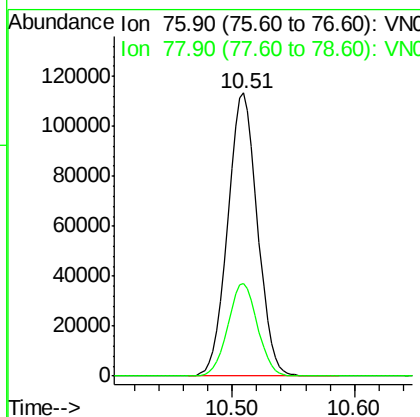
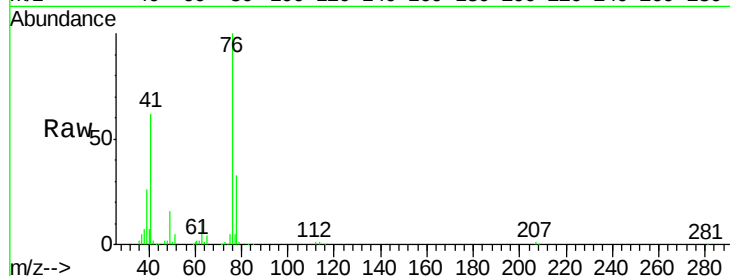
#57
 1,3-Dichloropropane
 Concen: 49.121 ug/l
 RT: 10.51 min Scan# 2774
 Delta R.T. 0.00 min
 Lab File: VN061128.D
 Acq: 22 Apr 2020 14:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.6	26.1	39.1

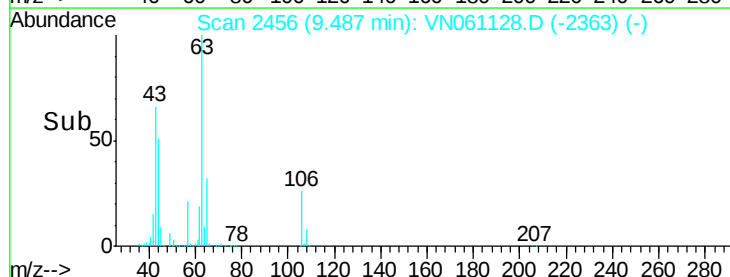
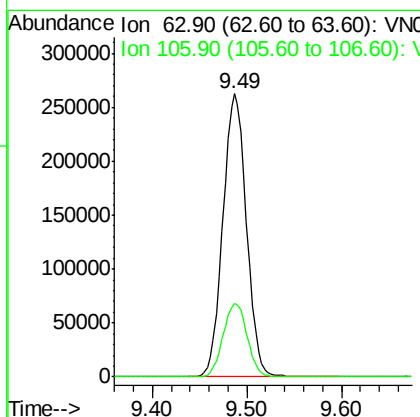
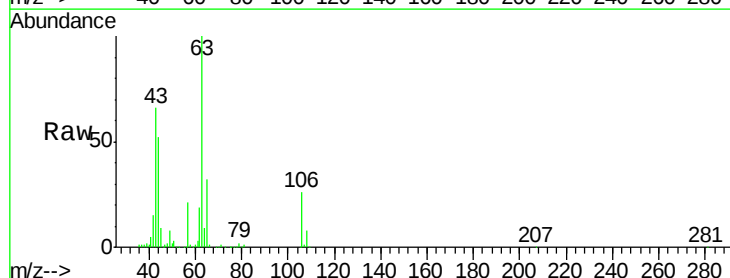
Manual Integrations
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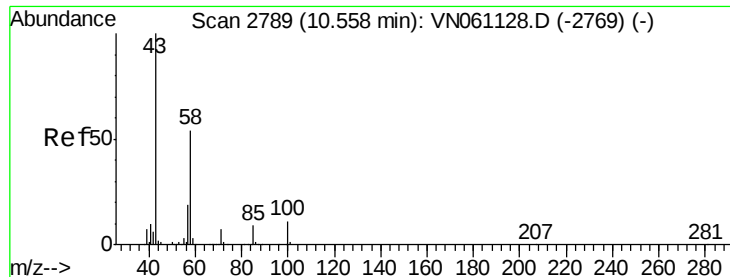
MMDadoda
 4/24/2020 1:34:58 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 276.247 ug/l
 RT: 9.49 min Scan# 2456
 Delta R.T. 0.00 min
 Lab File: VN061128.D
 Acq: 22 Apr 2020 14:21

Tgt Ion	Ratio	Lower	Upper
63	100		
106	26.6	21.3	31.9





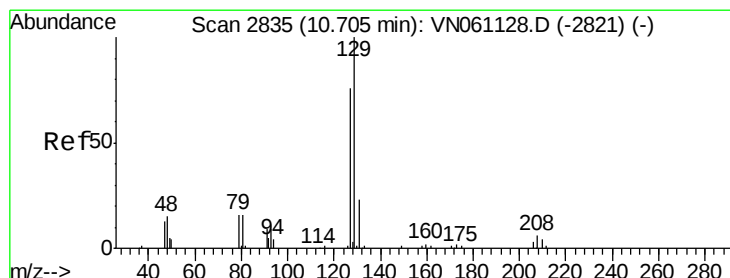
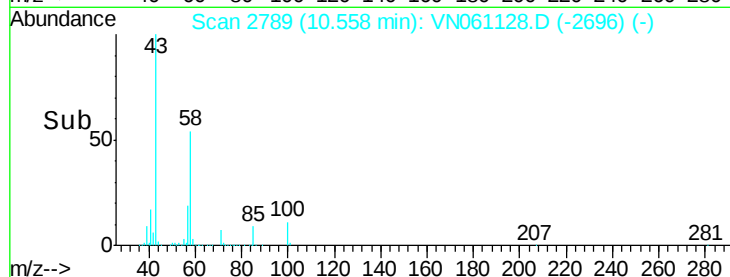
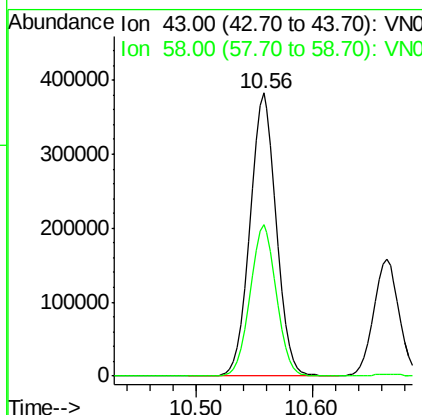
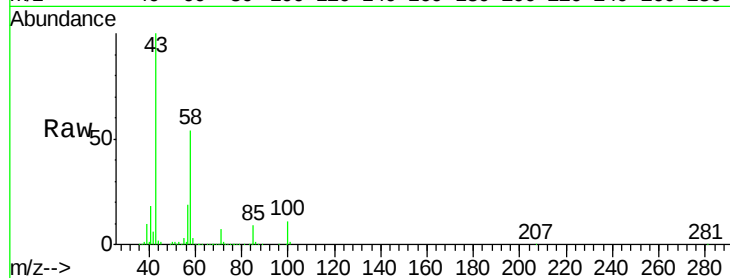
#59
2-Hexanone
Concen: 252.795 ug/l
RT: 10.56 min Scan# 2789
Delta R.T. 0.00 min
Lab File: VN061128.D
Acq: 22 Apr 2020 14:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion: 43 Resp: 604865
Ion Ratio Lower Upper
43 100
58 53.7 26.9 80.6

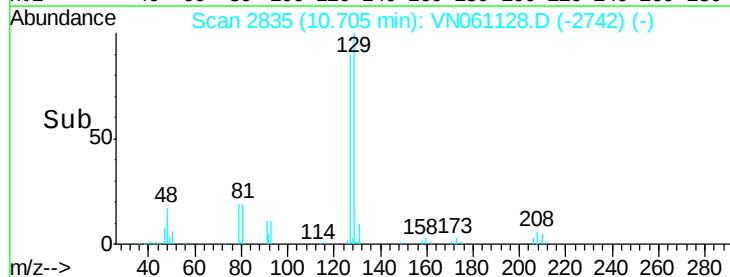
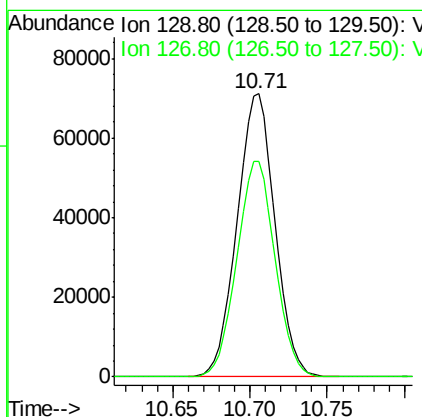
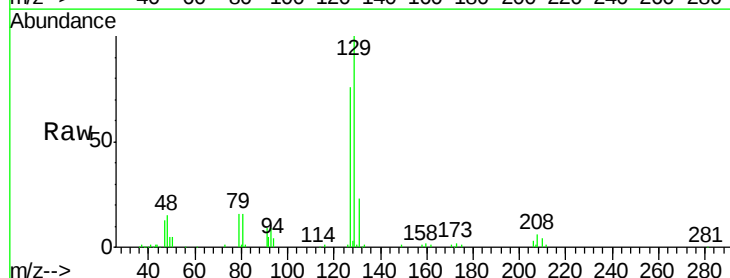
Manual Integrations
APPROVED

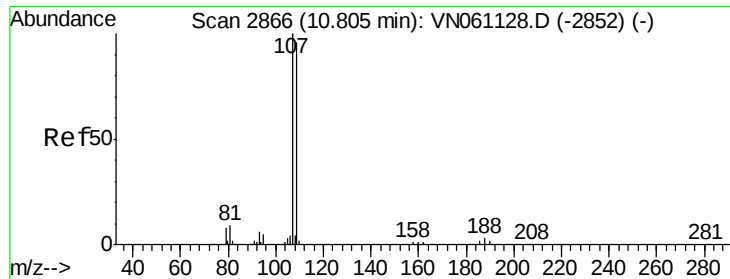
MMDadoda
4/24/2020 1:34:58 PM



#60
Dibromochloromethane
Concen: 53.060 ug/l
RT: 10.71 min Scan# 2835
Delta R.T. 0.00 min
Lab File: VN061128.D
Acq: 22 Apr 2020 14:21

Tgt Ion: 129 Resp: 121121
Ion Ratio Lower Upper
129 100
127 76.8 38.4 115.2





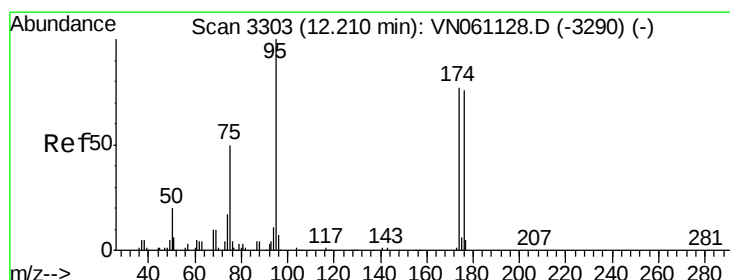
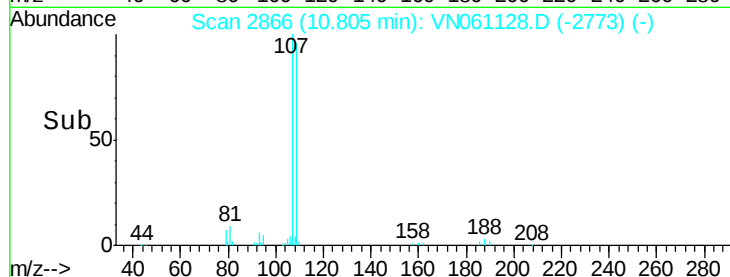
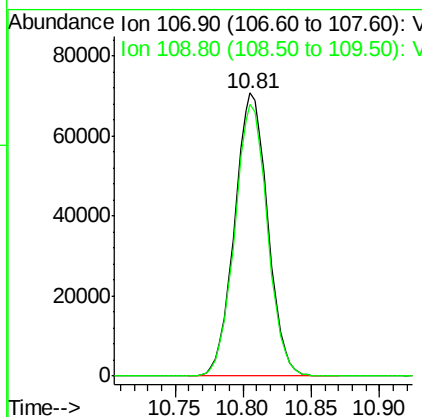
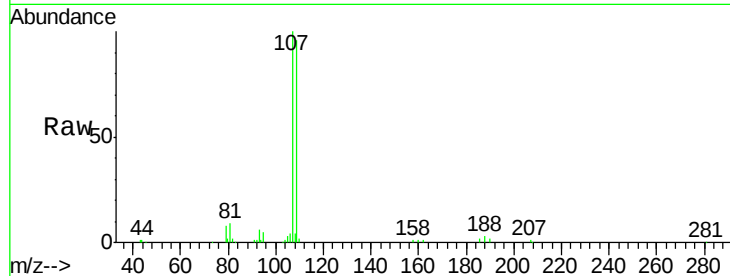
#61
 1,2-Dibromoethane
 Concen: 52.484 ug/l
 RT: 10.81 min Scan# 2866
 Delta R.T. 0.00 min
 Lab File: VN061128.D
 Acq: 22 Apr 2020 14:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.0	76.0	114.0

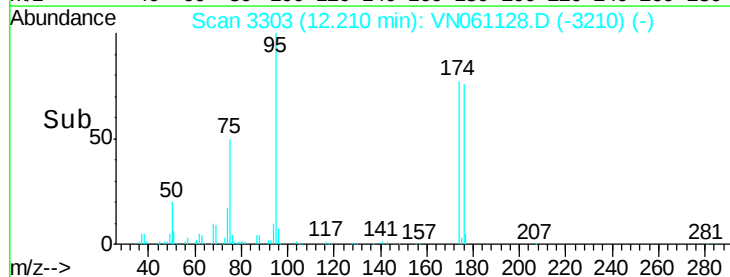
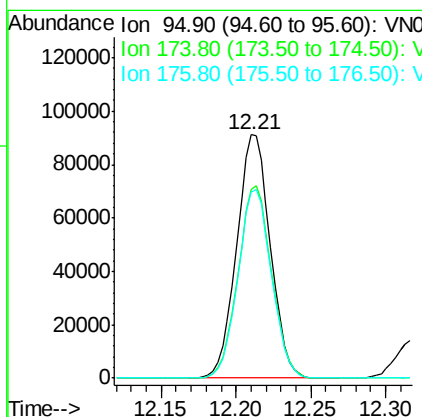
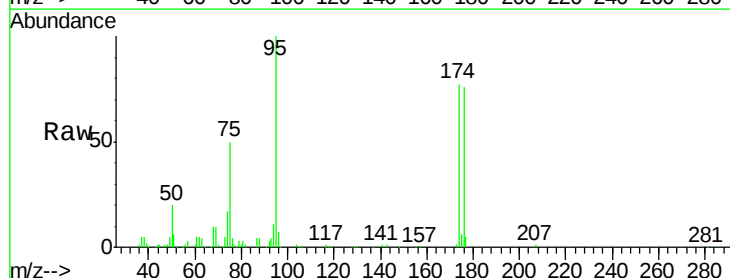
Manual Integrations
 APPROVED

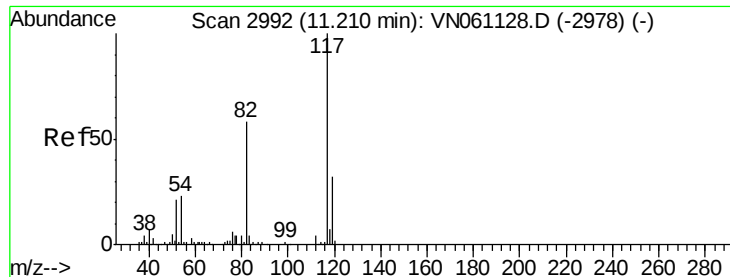
MMDadoda
 4/24/2020 1:34:58 PM



#62
 4-Bromofluorobenzene
 Concen: 50.899 ug/l
 RT: 12.21 min Scan# 3303
 Delta R.T. 0.00 min
 Lab File: VN061128.D
 Acq: 22 Apr 2020 14:21

Tgt Ion	Ratio	Lower	Upper
95	100		
174	78.8	0.0	157.6
176	77.2	0.0	154.4





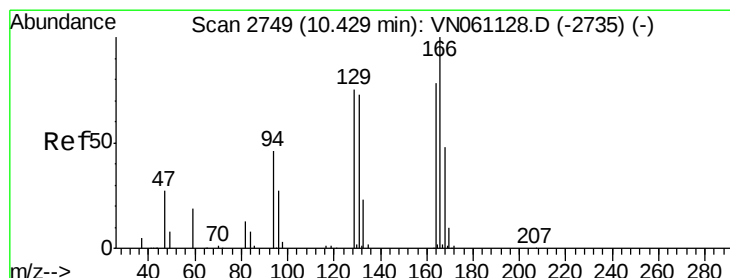
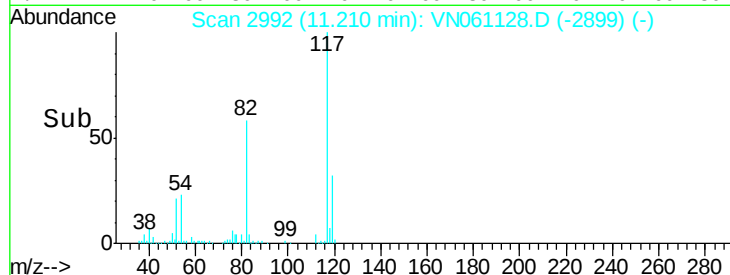
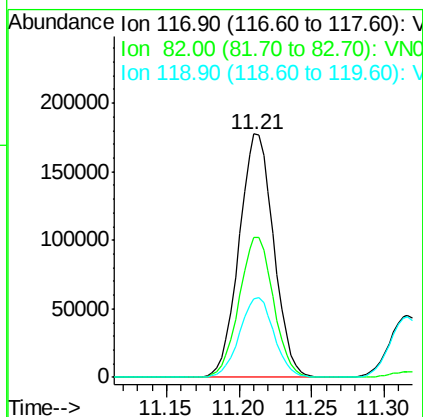
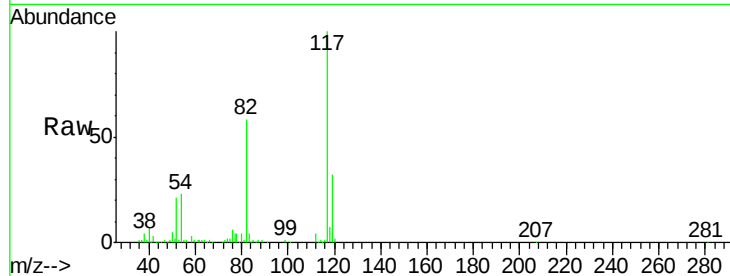
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.21 min Scan# 2992
Delta R.T. 0.00 min
Lab File: VN061128.D
Acq: 22 Apr 2020 14:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.5	46.0	69.0
119	32.4	25.9	38.9

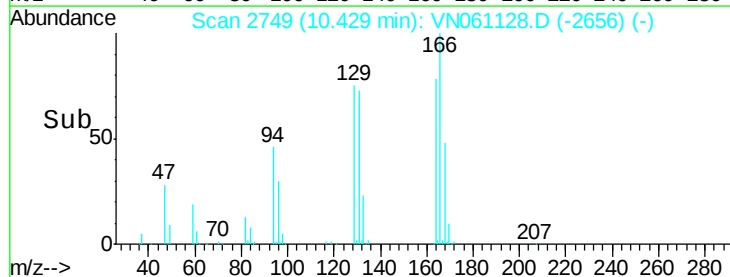
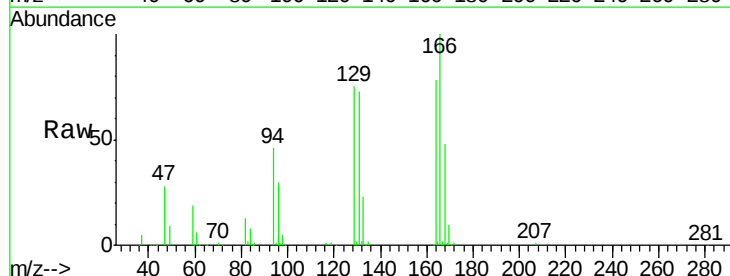
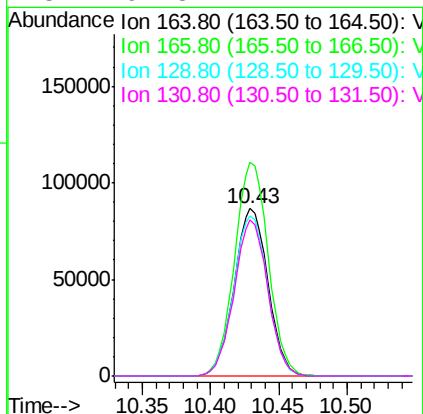
Manual Integrations
APPROVED

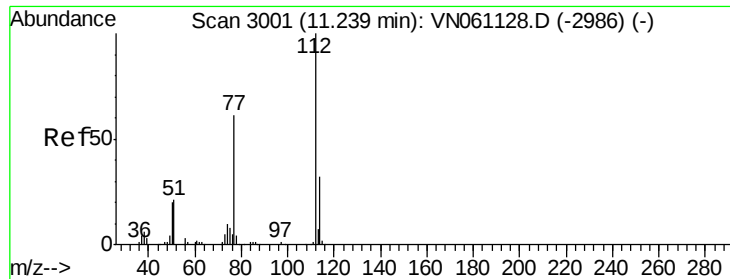
MMDadoda
4/24/2020 1:34:58 PM



#64
Tetrachloroethene
Concen: 62.805 ug/l
RT: 10.43 min Scan# 2749
Delta R.T. 0.00 min
Lab File: VN061128.D
Acq: 22 Apr 2020 14:21

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.4	101.9	152.9
129	95.6	76.5	114.7
131	92.8	74.2	111.4





#65

Chlorobenzene

Concen: 50.045 ug/l

RT: 11.24 min Scan# 3001

Delta R.T. 0.00 min

Lab File: VN061128.D

Acq: 22 Apr 2020 14:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion:112 Resp: 304089

Ion Ratio Lower Upper

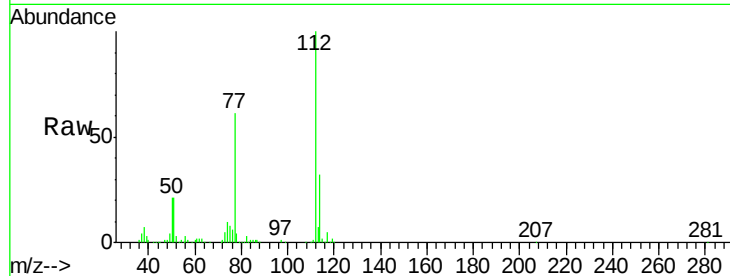
112 100

114 32.1 25.7 38.5

Manual Integrations
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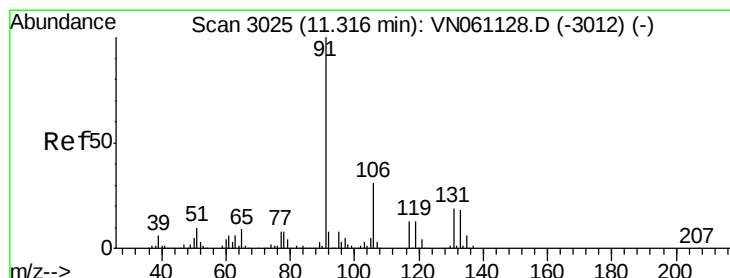
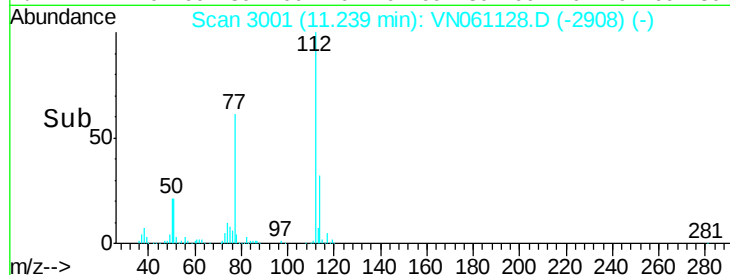
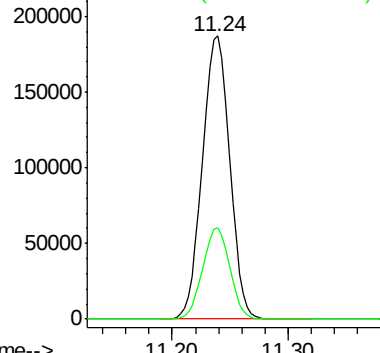
MMDadoda

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 50.765 ug/l

RT: 11.32 min Scan# 3025

Delta R.T. 0.00 min

Lab File: VN061128.D

Acq: 22 Apr 2020 14:21

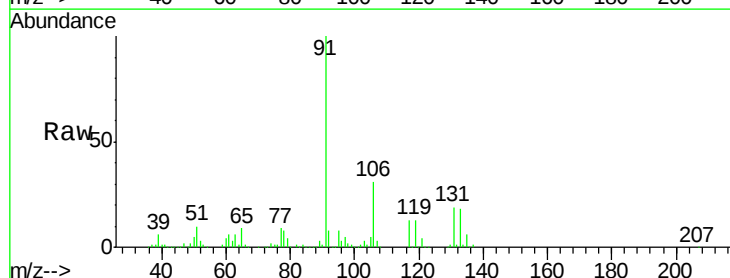
Tgt Ion:131 Resp: 110542

Ion Ratio Lower Upper

131 100

133 96.4 48.2 144.6

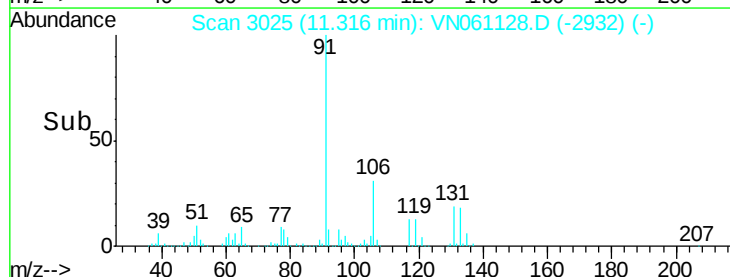
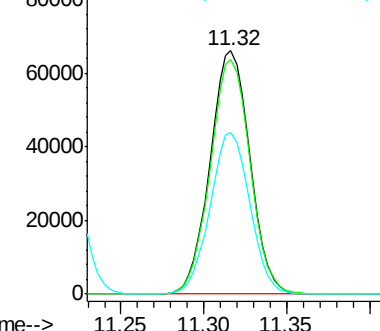
119 66.3 33.1 99.5

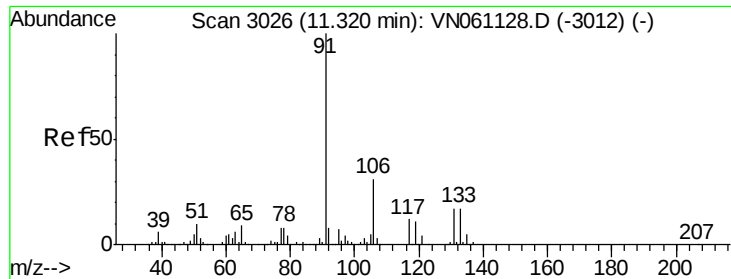


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





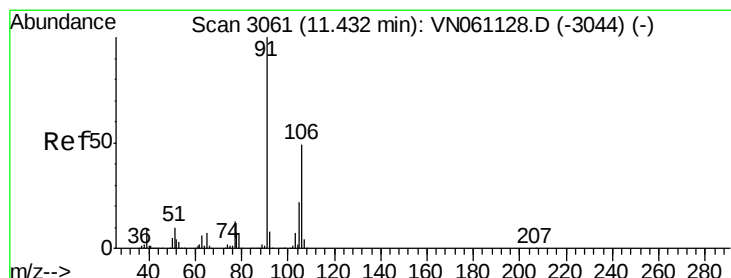
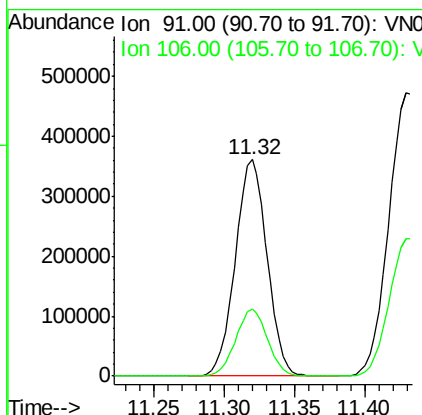
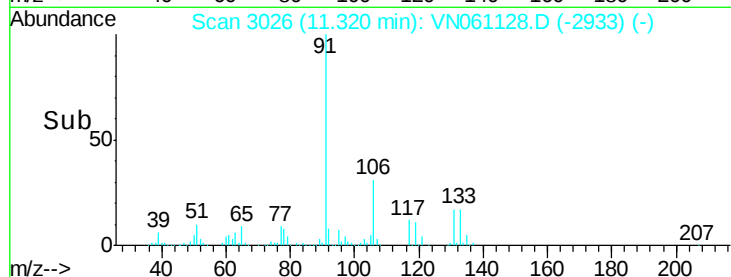
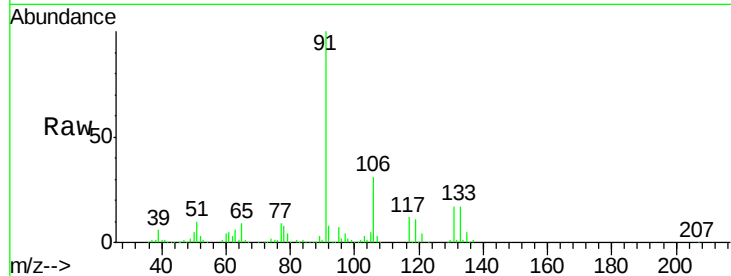
#67
Ethyl Benzene
Concen: 49.957 ug/l
RT: 11.32 min Scan# 3026
Delta R.T. 0.00 min
Lab File: VN061128.D
Acq: 22 Apr 2020 14:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion: 91 Resp: 569765
Ion Ratio Lower Upper
91 100
106 30.9 24.7 37.1

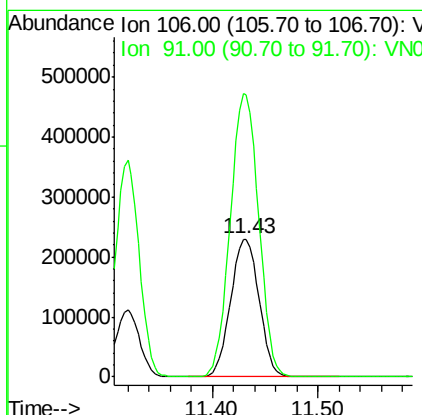
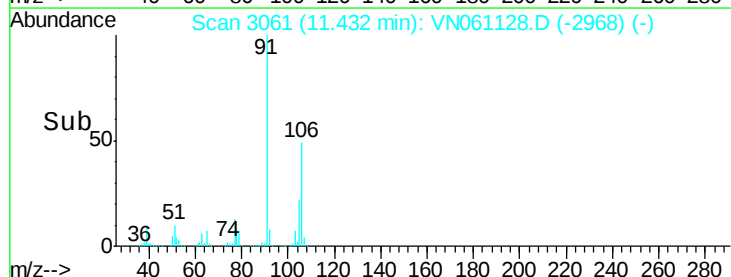
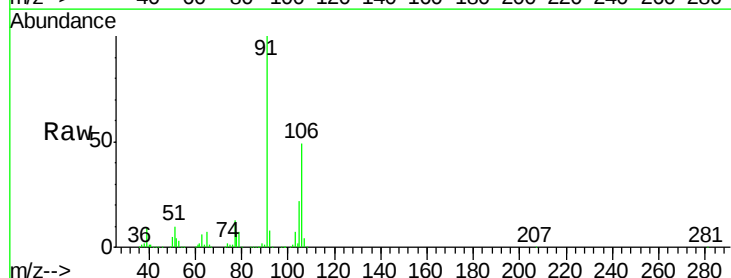
Manual Integrations
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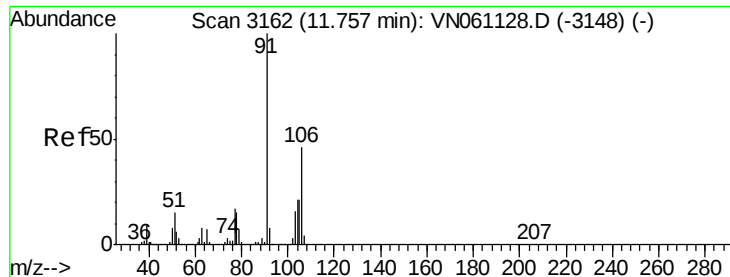
MMDadoda
4/24/2020 1:34:58 PM



#68
m/p-Xylenes
Concen: 103.228 ug/l
RT: 11.43 min Scan# 3061
Delta R.T. 0.00 min
Lab File: VN061128.D
Acq: 22 Apr 2020 14:21

Tgt Ion: 106 Resp: 428115
Ion Ratio Lower Upper
106 100
91 204.9 163.9 245.9





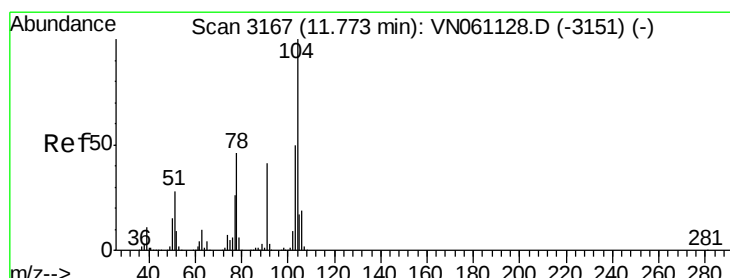
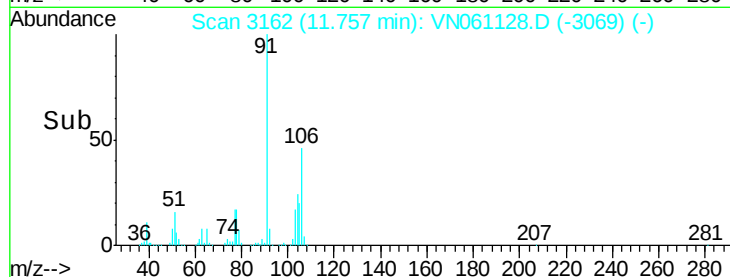
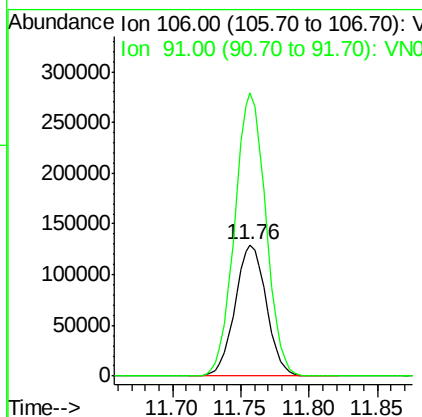
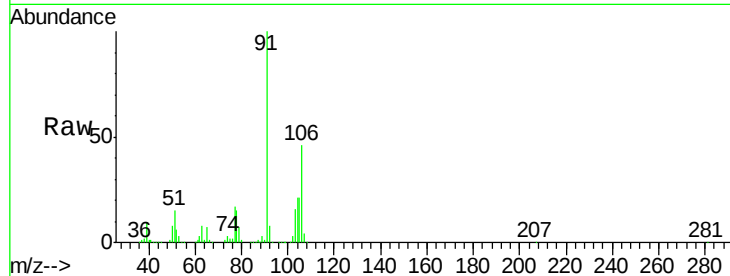
#69
o-Xylene
Concen: 51.471 ug/l
RT: 11.76 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN061128.D
Acq: 22 Apr 2020 14:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	215.2	107.6	322.8	

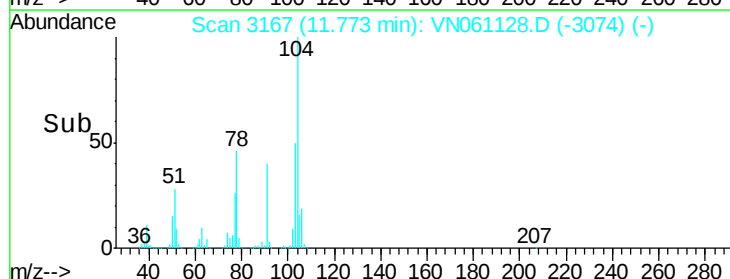
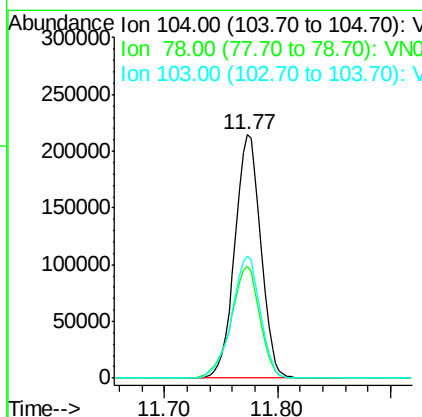
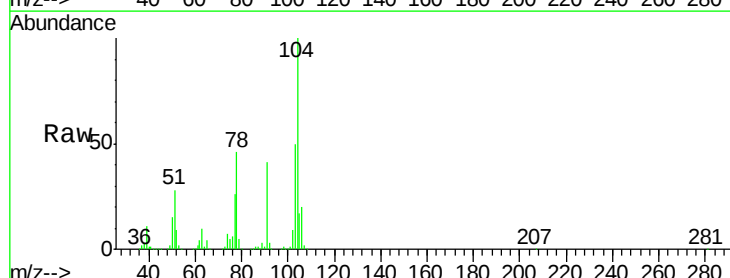
Manual Integrations
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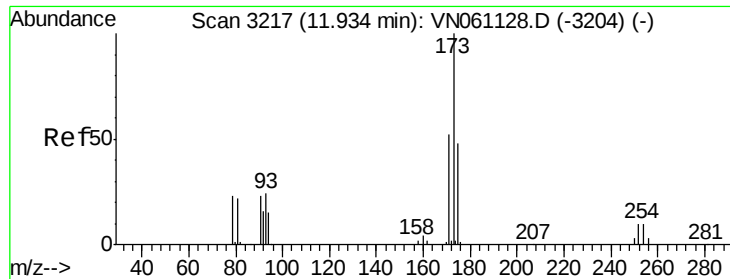
MMDadoda
4/24/2020 1:34:58 PM



#70
Styrene
Concen: 53.536 ug/l
RT: 11.77 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN061128.D
Acq: 22 Apr 2020 14:21

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	50.8	40.6	61.0	
103	54.6	43.7	65.5	





#71

Bromoform

Concen: 53.279 ug/l

RT: 11.93 min Scan# 3217

Delta R.T. 0.00 min

Lab File: VN061128.D

Acq: 22 Apr 2020 14:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion:173 Resp: 86531

Ion Ratio Lower Upper

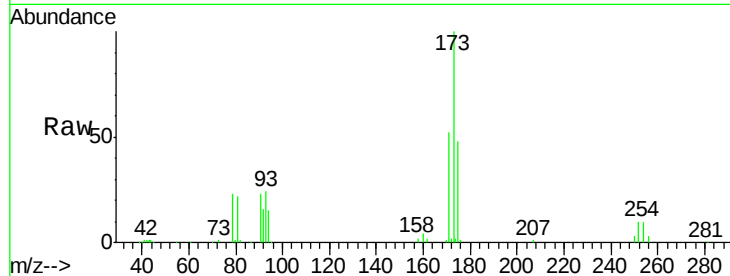
173 100

175 47.9 23.9 71.8

254 0.0 0.0 0.0

Manual Integrations
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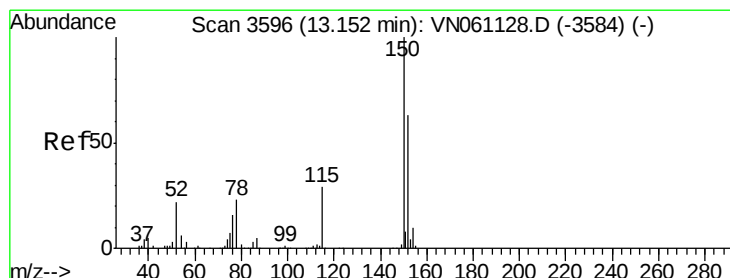
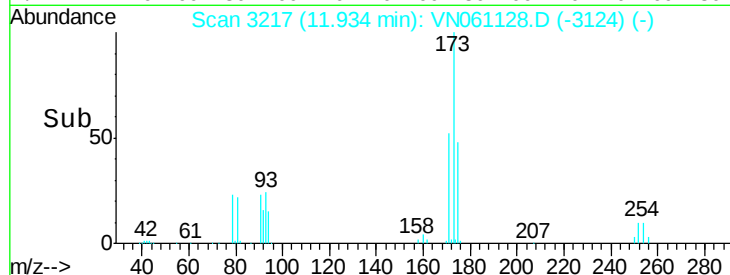
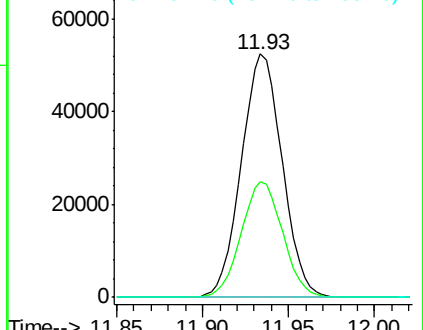
MMDadoda
4/24/2020 1:34:58 PM



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: 13.15 min Scan# 3596

Delta R.T. 0.00 min

Lab File: VN061128.D

Acq: 22 Apr 2020 14:21

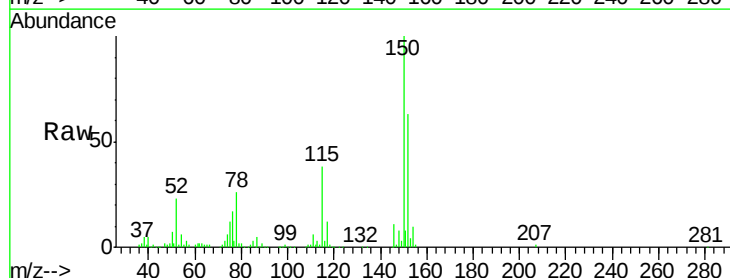
Tgt Ion:152 Resp: 144931

Ion Ratio Lower Upper

152 100

115 59.7 29.8 89.5

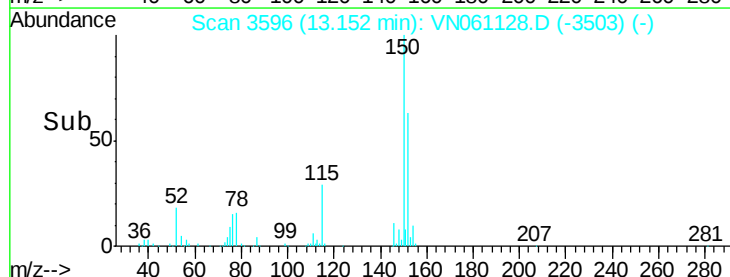
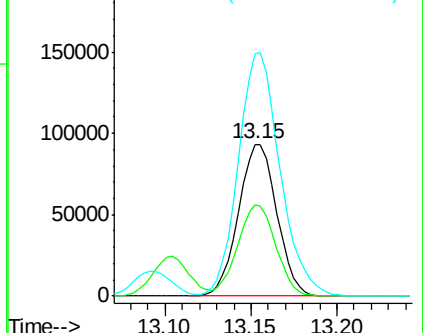
150 174.3 0.0 348.6

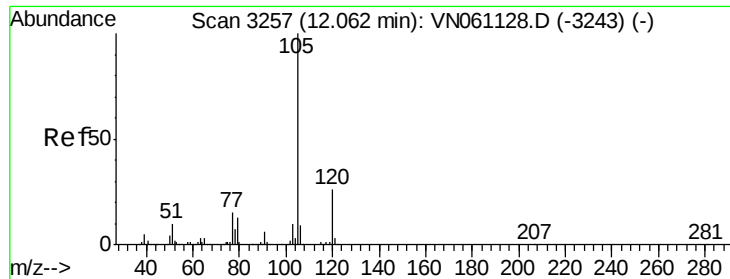


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 47.672 ug/l

RT: 12.06 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN061128.D

Acq: 22 Apr 2020 14:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion:105 Resp: 551398

Ion Ratio Lower Upper

105 100

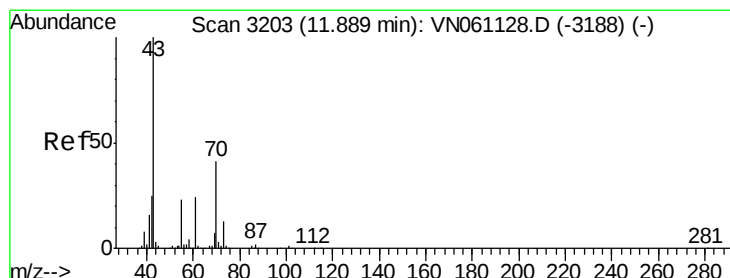
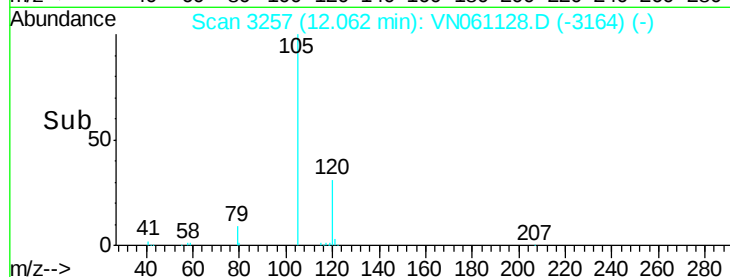
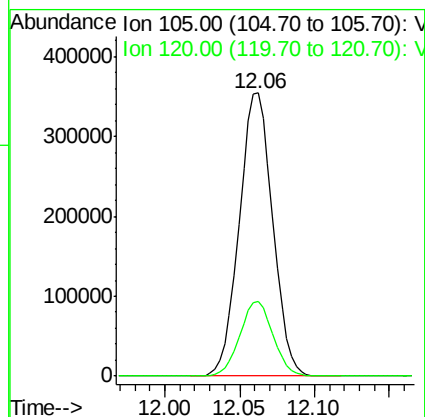
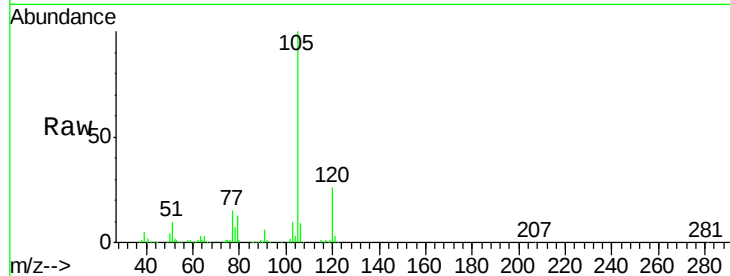
120 26.2 13.1 39.3

Manual Integrations

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MMDadoda

4/24/2020 1:34:58 PM



#74

N-ethyl acetate

Concen: 47.223 ug/l

RT: 11.89 min Scan# 3203

Delta R.T. 0.00 min

Lab File: VN061128.D

Acq: 22 Apr 2020 14:21

Tgt Ion: 43 Resp: 252226

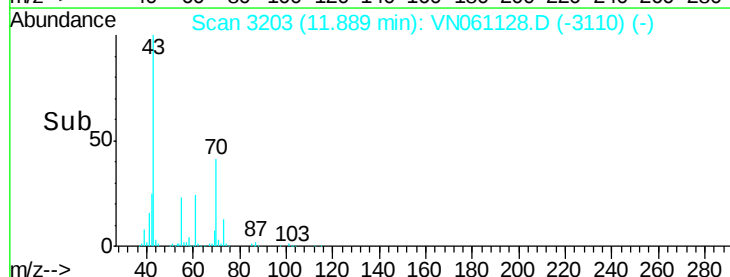
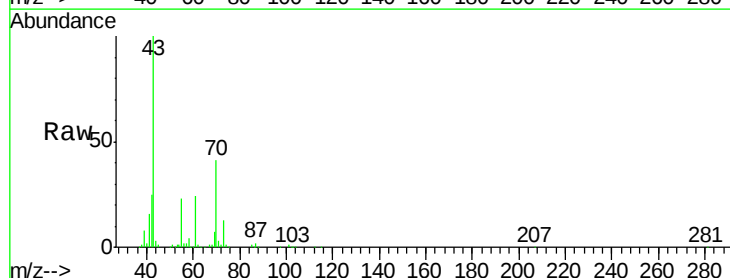
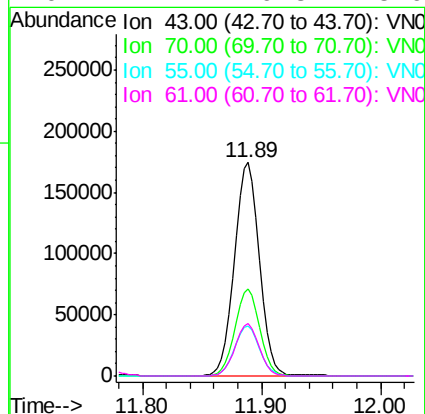
Ion Ratio Lower Upper

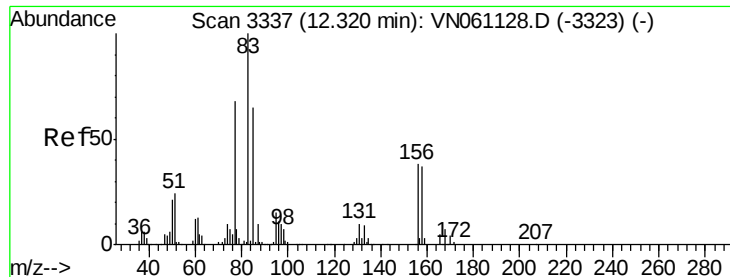
43 100

70 40.6 32.5 48.7

55 23.8 19.0 28.6

61 24.1 19.3 28.9





#75

1,1,2,2-Tetrachloroethane

Concen: 42.935 ug/l

RT: 12.32 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN061128.D

Acq: 22 Apr 2020 14:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion: 83 Resp: 148421
Ion Ratio Lower Upper

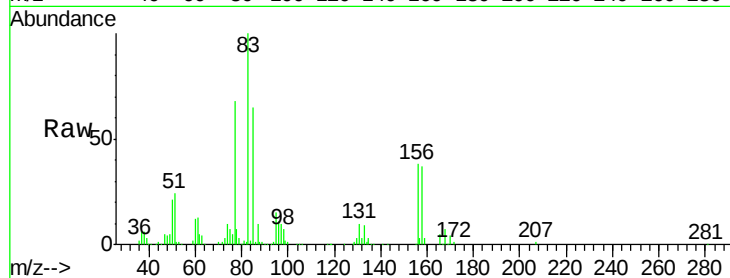
83 100

131 10.1 5.1 15.2

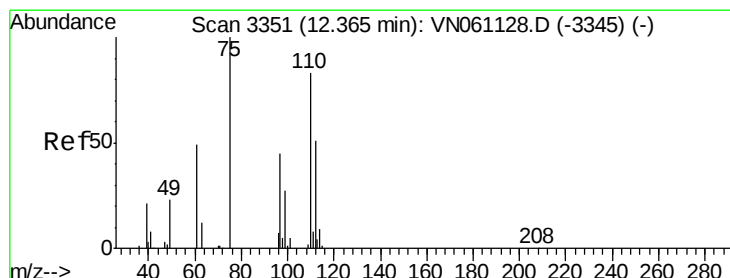
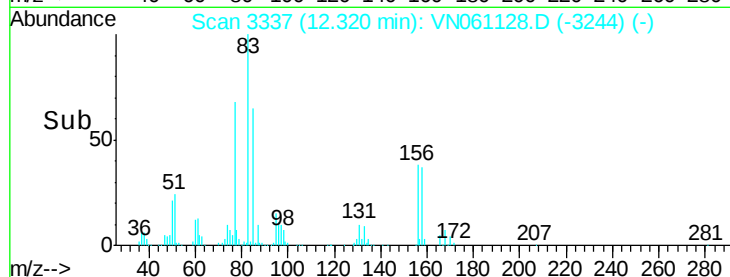
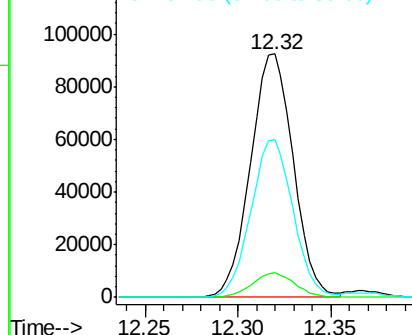
85 63.7 31.9 95.5

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Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 52.001 ug/l m

RT: 12.36 min Scan# 3351

Delta R.T. 0.00 min

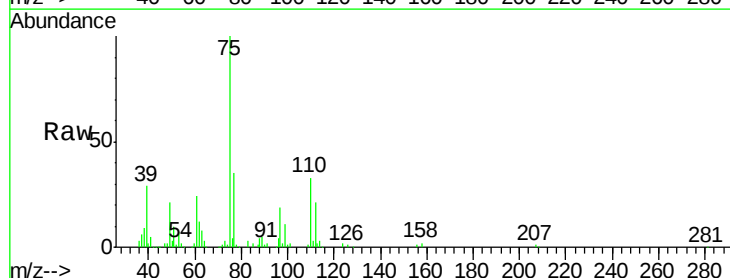
Lab File: VN061128.D

Acq: 22 Apr 2020 14:21

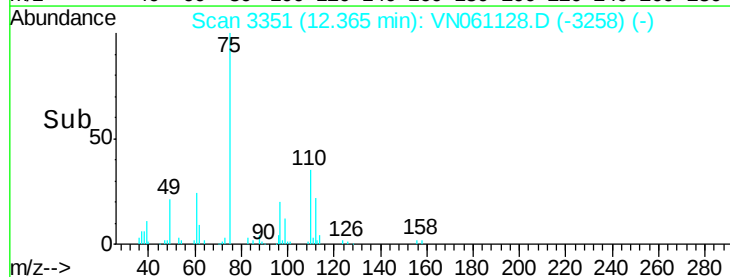
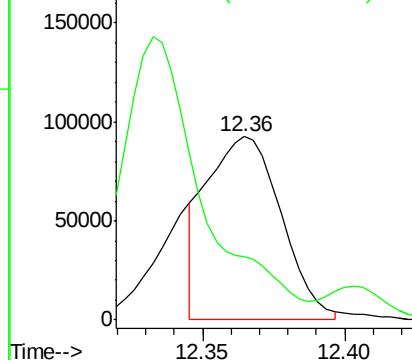
Tgt Ion: 75 Resp: 168453
Ion Ratio Lower Upper

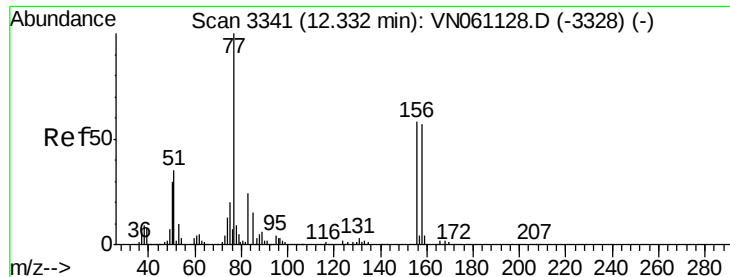
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0
Ion 77.00 (76.70 to 77.70): VN0





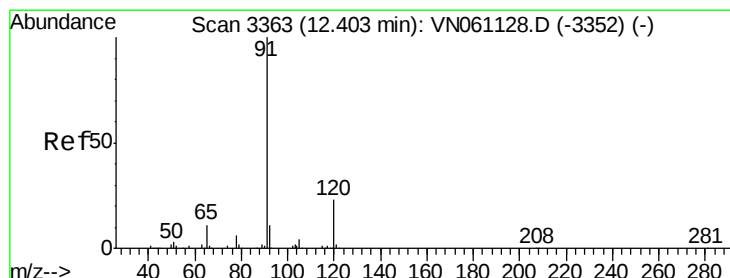
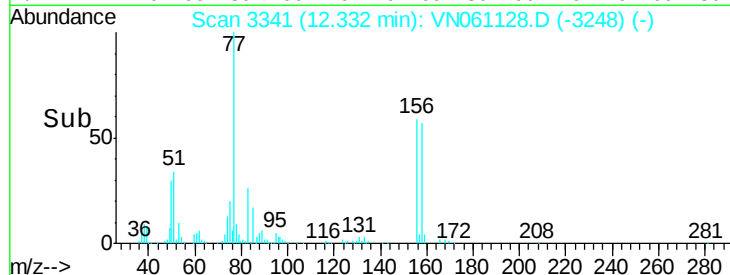
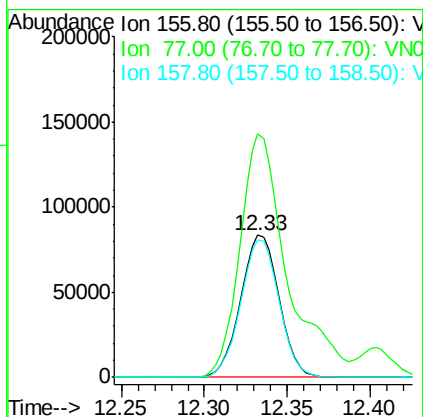
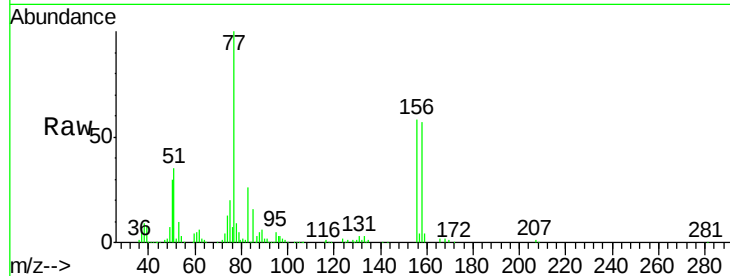
#77
Bromobenzene
Concen: 49.403 ug/l
RT: 12.33 min Scan# 3341
Delta R.T. 0.00 min
Lab File: VN061128.D
Acq: 22 Apr 2020 14:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	211.4	105.7	317.1
158	96.6	48.3	144.9

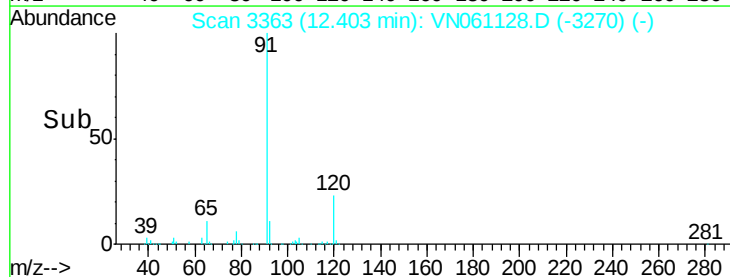
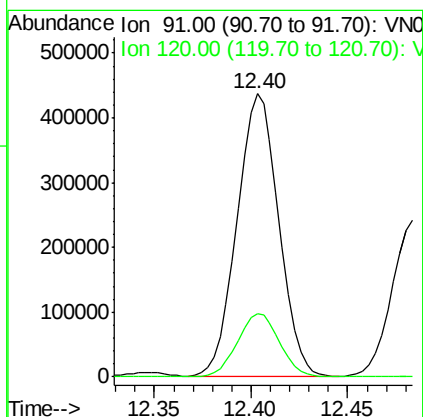
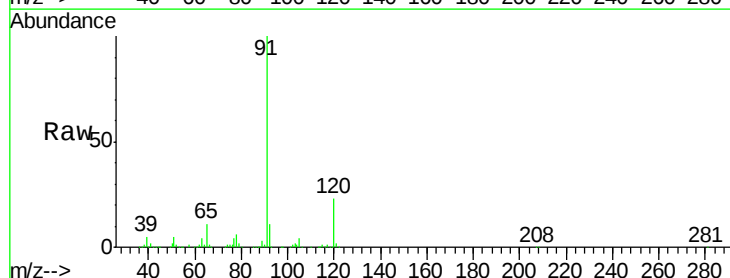
Manual Integrations
APPROVED

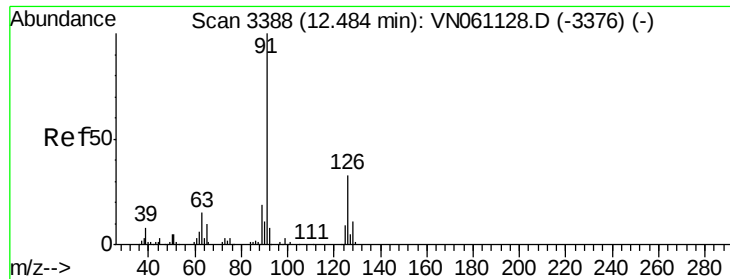
MMDadoda
4/24/2020 1:34:58 PM



#78
n-propylbenzene
Concen: 48.342 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN061128.D
Acq: 22 Apr 2020 14:21

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.6	11.3	33.9





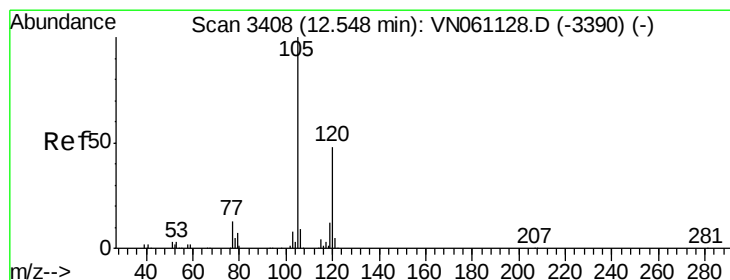
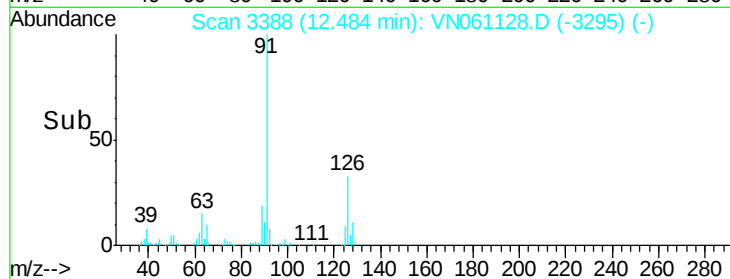
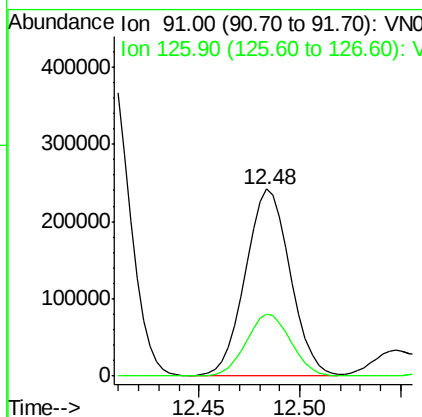
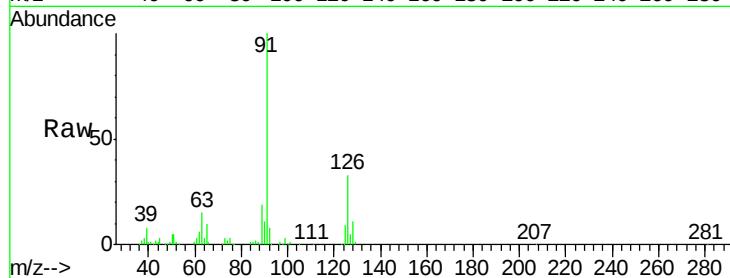
#79
 2-Chlorotoluene
 Concen: 47.346 ug/l
 RT: 12.48 min Scan# 3388
 Delta R.T. 0.00 min
 Lab File: VN061128.D
 Acq: 22 Apr 2020 14:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion: 91 Resp: 374468
 Ion Ratio Lower Upper
 91 100
 126 33.4 16.7 50.1

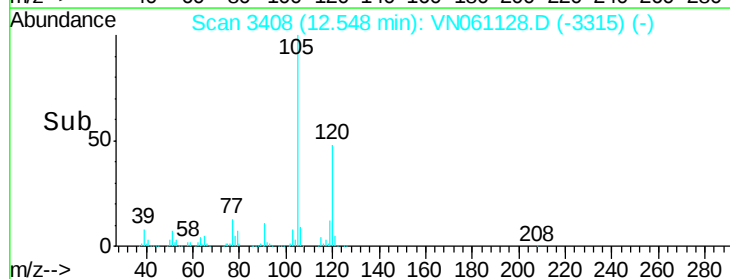
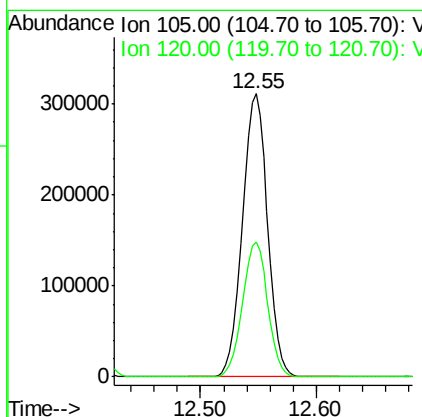
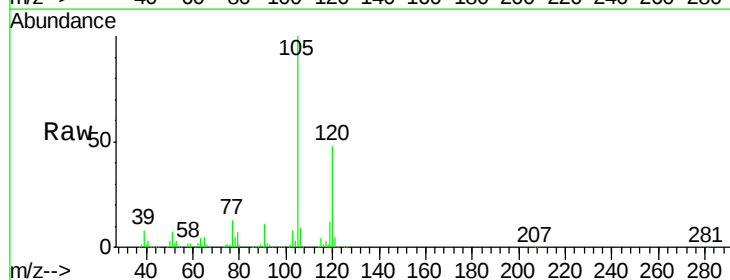
Manual Integrations
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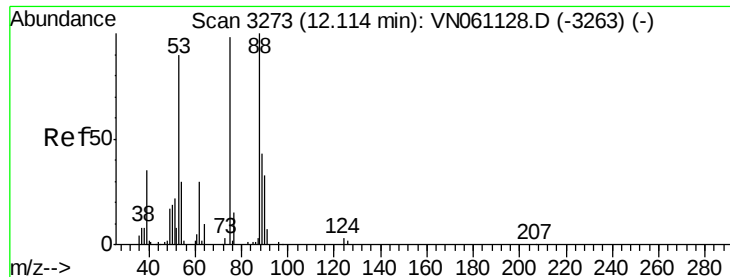
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#80
 1,3,5-Trimethylbenzene
 Concen: 48.986 ug/l
 RT: 12.55 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN061128.D
 Acq: 22 Apr 2020 14:21

Tgt Ion: 105 Resp: 468040
 Ion Ratio Lower Upper
 105 100
 120 47.7 23.8 71.5





#81

trans-1,4-Dichloro-2-butene

Concen: 50.251 ug/l

RT: 12.11 min Scan# 3273

Delta R.T. 0.00 min

Lab File: VN061128.D

Acq: 22 Apr 2020 14:21

Instrument :

MSVOA_N

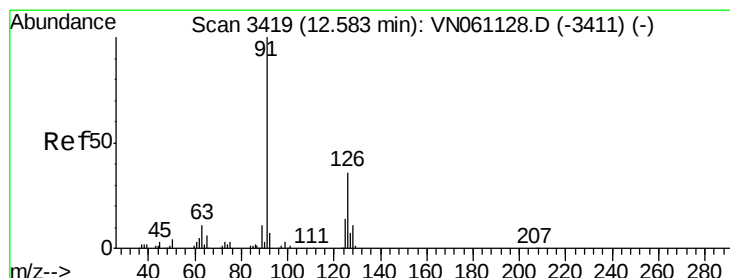
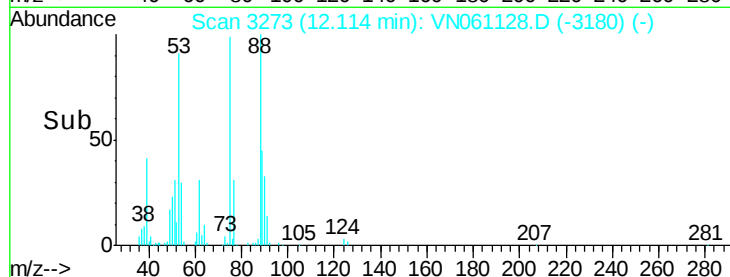
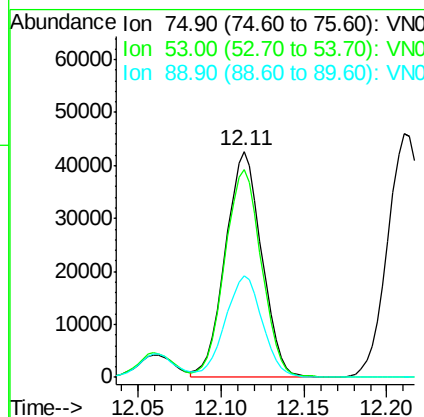
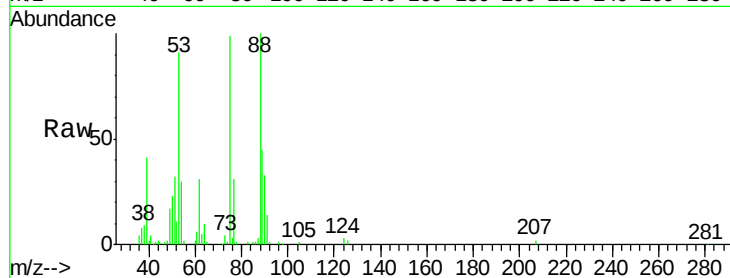
ClientSampleId :

VSTDICCC050

Tot Ion:	75	Resp:	65162
Ion	Ratio	Lower	Upper
75	100		
53	92.9	74.3	111.5
89	45.8	36.6	55.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 47.843 ug/l

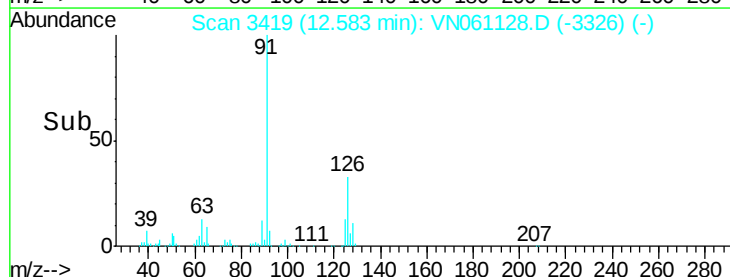
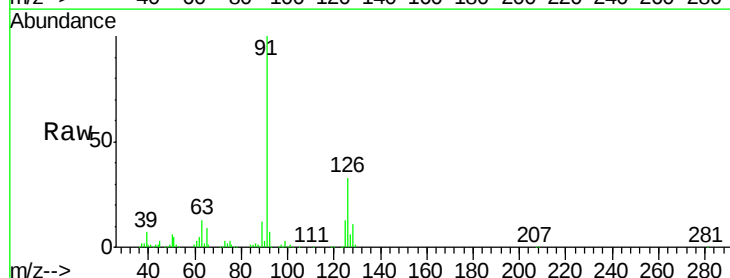
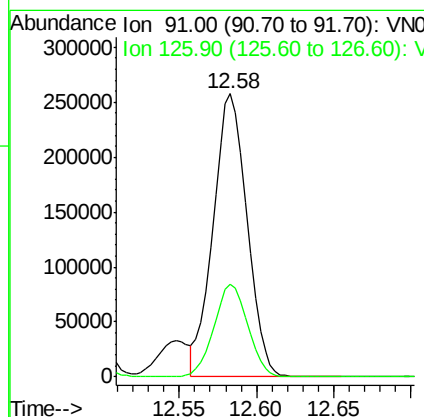
RT: 12.58 min Scan# 3419

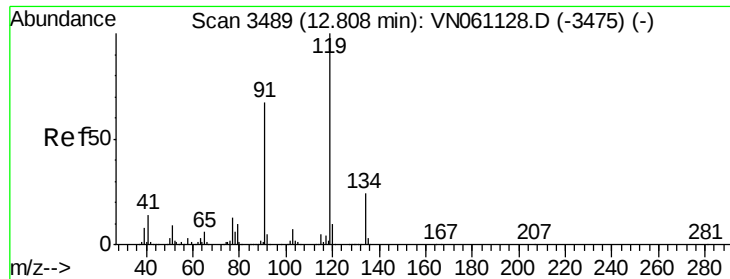
Delta R.T. 0.00 min

Lab File: VN061128.D

Acq: 22 Apr 2020 14:21

Tgt Ion:	91	Resp:	392698
Ion	Ratio	Lower	Upper
91	100		
126	32.8	16.4	49.2





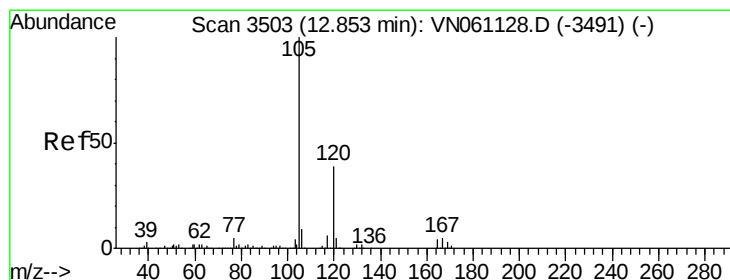
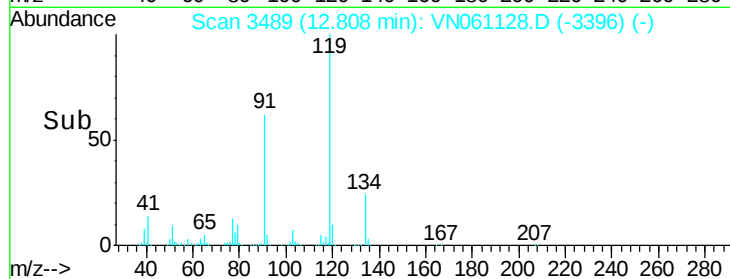
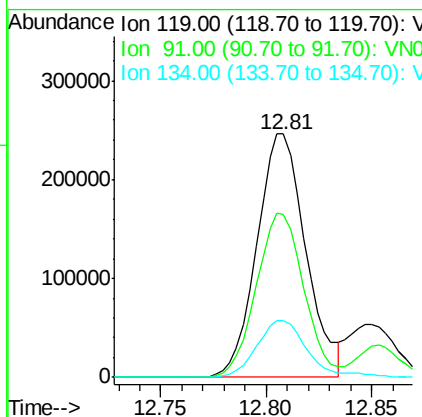
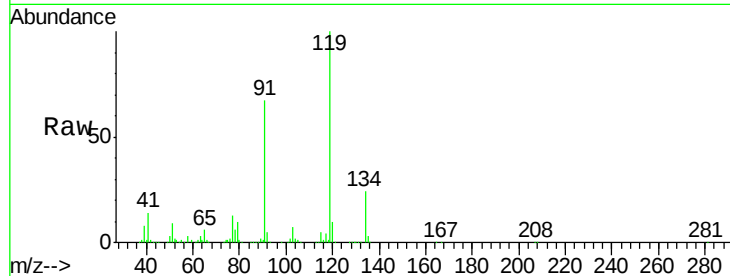
#83
 tert-Butylbenzene
 Concen: 49.183 ug/l
 RT: 12.81 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN061128.D
 Acq: 22 Apr 2020 14:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	396559		
91	65.6	32.8	98.4	
134	24.3	12.2	36.4	

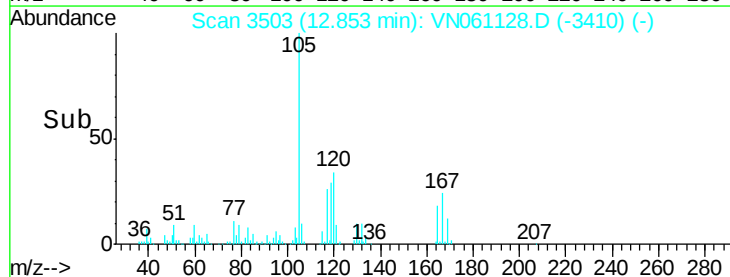
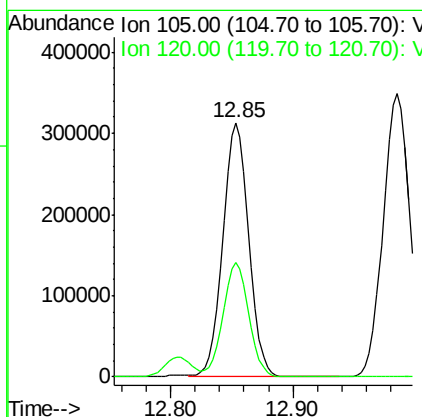
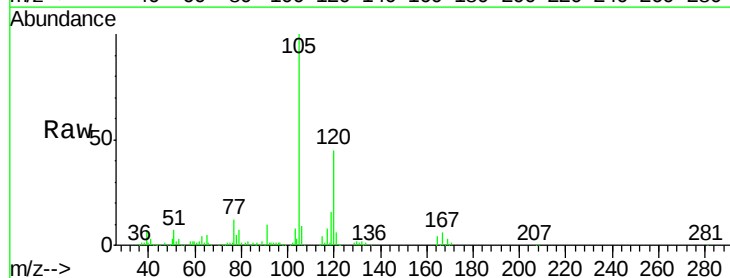
Manual Integrations
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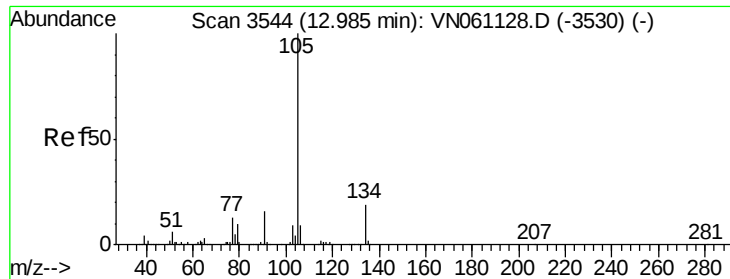
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#84
 1,2,4-Trimethylbenzene
 Concen: 49.426 ug/l
 RT: 12.85 min Scan# 3503
 Delta R.T. 0.00 min
 Lab File: VN061128.D
 Acq: 22 Apr 2020 14:21

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	467125		
120	44.7	22.4	67.0	





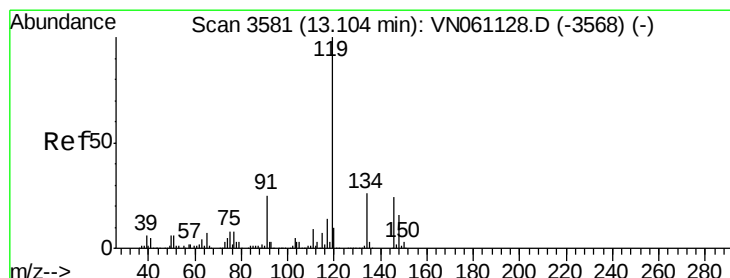
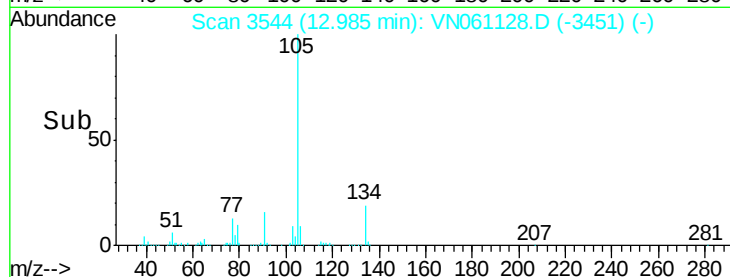
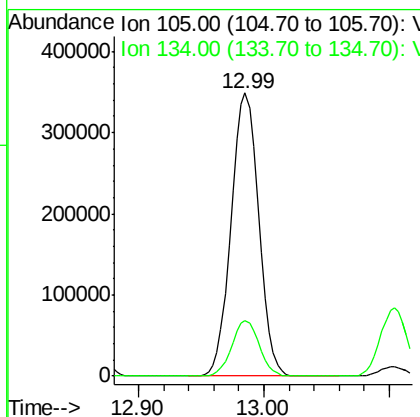
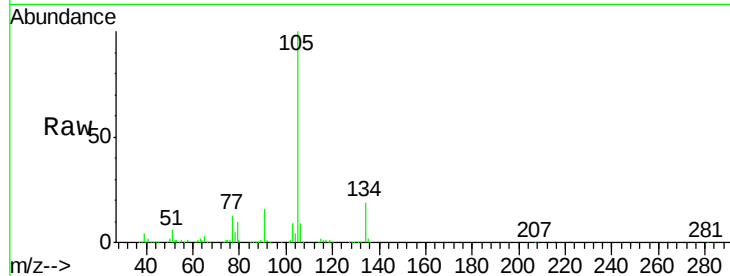
#85
 sec-Butylbenzene
 Concen: 49.080 ug/l
 RT: 12.99 min Scan# 3544
 Delta R.T. 0.00 min
 Lab File: VN061128.D
 Acq: 22 Apr 2020 14:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.3	9.7	28.9

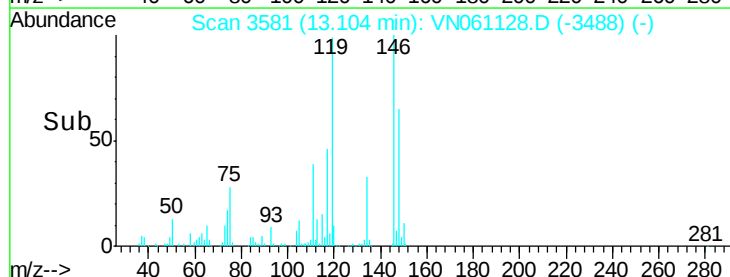
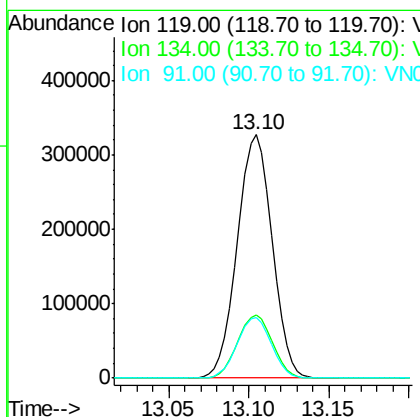
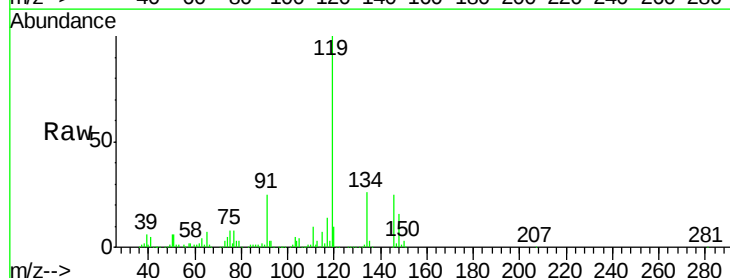
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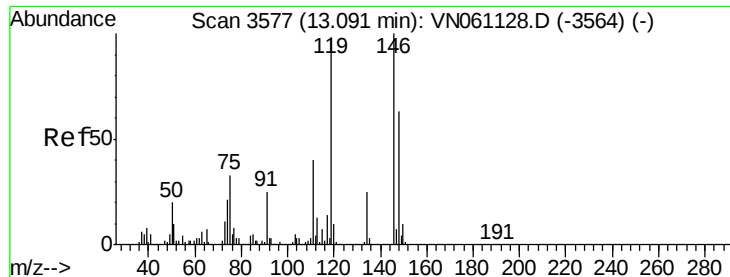
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#86
 p-Isopropyltoluene
 Concen: 49.775 ug/l
 RT: 13.10 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN061128.D
 Acq: 22 Apr 2020 14:21

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.0	13.0	39.0
91	24.7	12.4	37.0





#87

1,3-Dichlorobenzene

Concen: 49.378 ug/l

RT: 13.09 min Scan# 3577

Delta R.T. 0.00 min

Lab File: VN061128.D

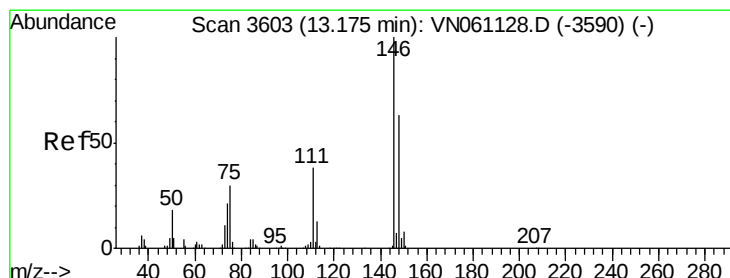
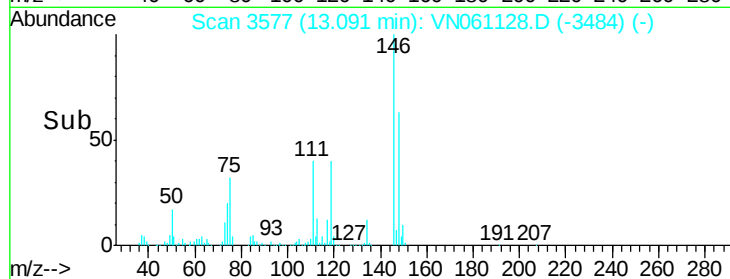
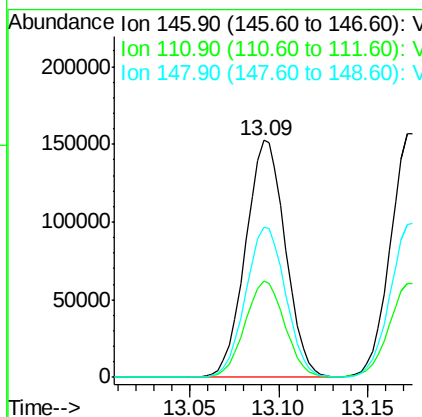
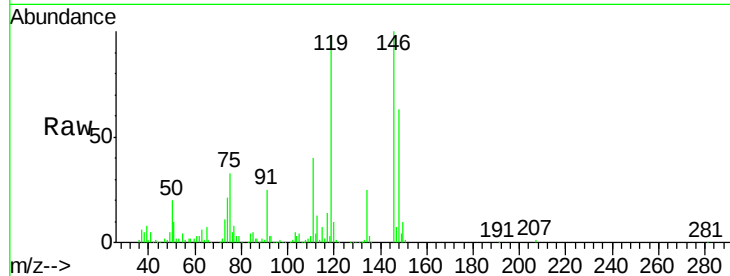
Acq: 22 Apr 2020 14:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.3	60.9
148	63.7	31.9	95.5

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 49.429 ug/l

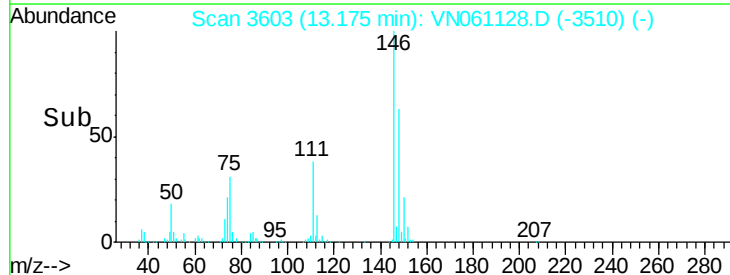
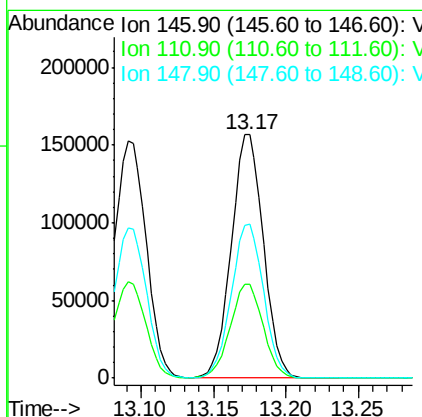
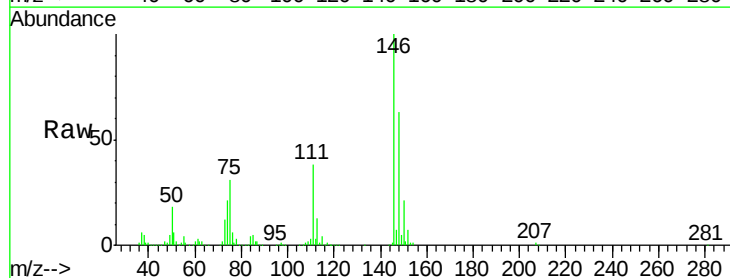
RT: 13.17 min Scan# 3603

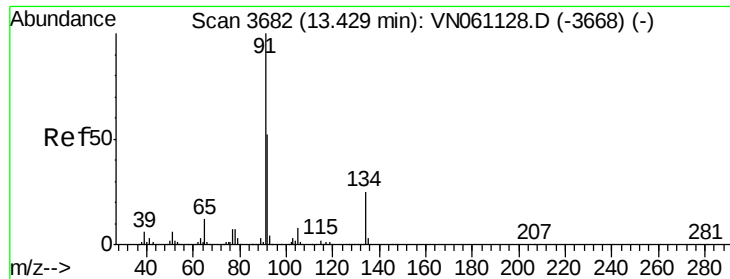
Delta R.T. 0.00 min

Lab File: VN061128.D

Acq: 22 Apr 2020 14:21

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.7	59.1
148	63.5	31.8	95.3





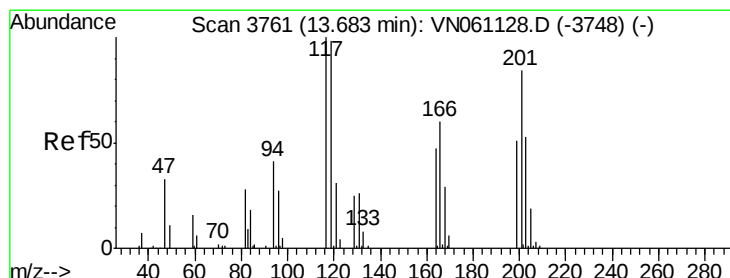
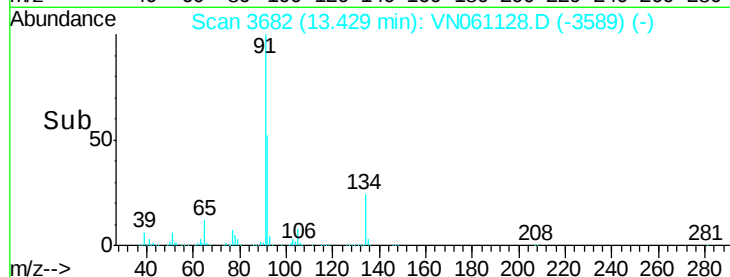
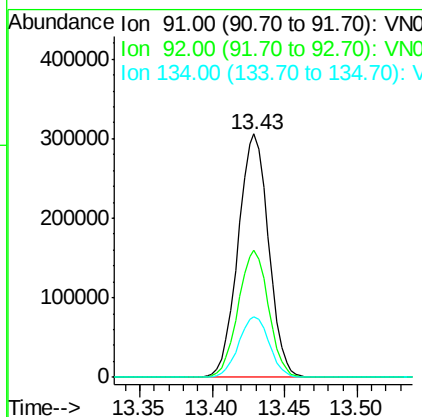
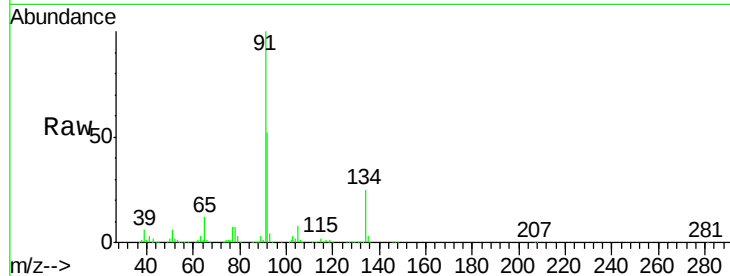
#89
n-Butylbenzene
Concen: 49.561 ug/l
RT: 13.43 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN061128.D
Acq: 22 Apr 2020 14:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.1	26.1	78.2
134	25.1	12.6	37.6

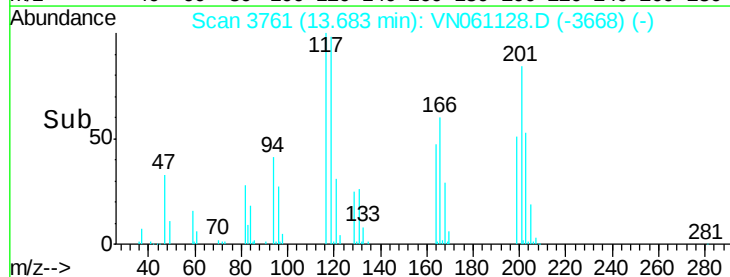
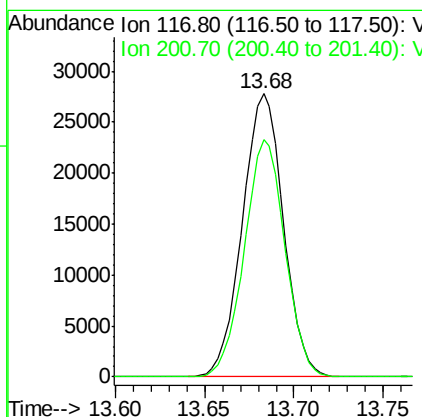
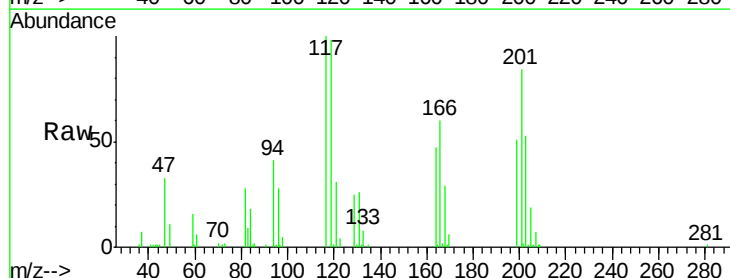
Manual Integrations
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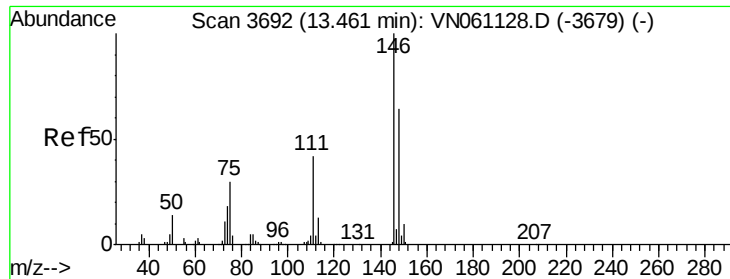
MMDadoda
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#90
Hexachloroethane
Concen: 31.995 ug/l
RT: 13.68 min Scan# 3761
Delta R.T. 0.00 min
Lab File: VN061128.D
Acq: 22 Apr 2020 14:21

Tgt Ion	Ratio	Lower	Upper
117	100		
201	82.9	41.4	124.4





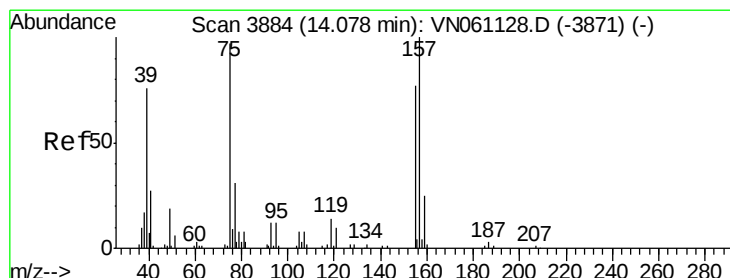
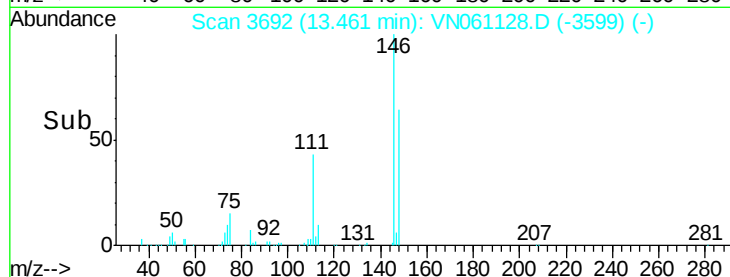
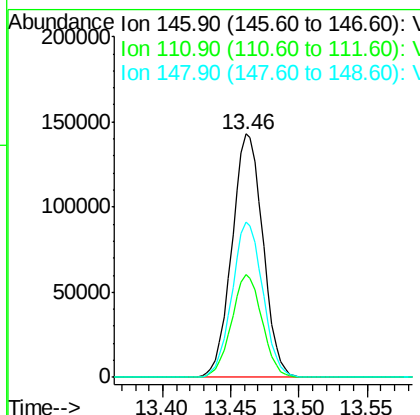
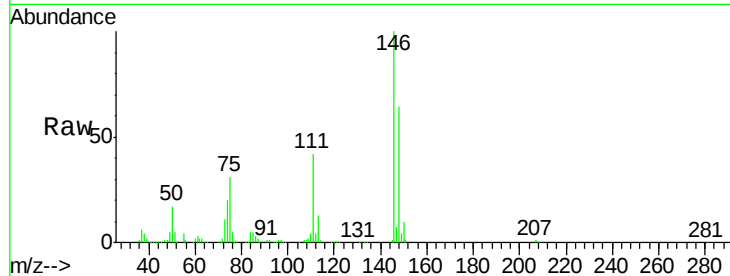
#91
 1,2-Dichlorobenzene
 Concen: 48.910 ug/l
 RT: 13.46 min Scan# 3692
 Delta R.T. 0.00 min
 Lab File: VN061128.D
 Acq: 22 Apr 2020 14:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.5	20.8	62.2
148	63.4	31.7	95.1

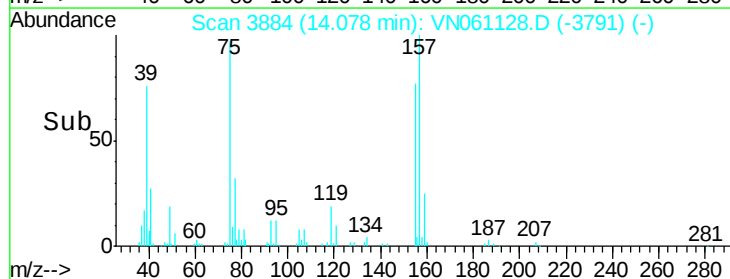
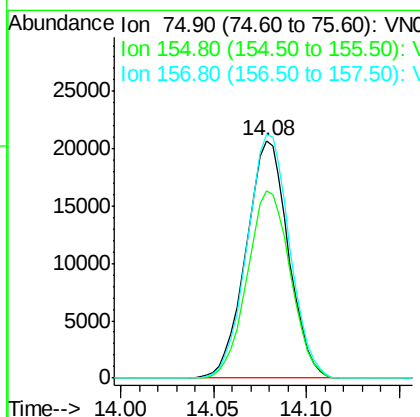
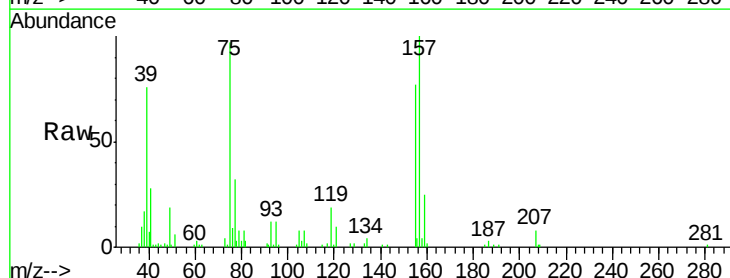
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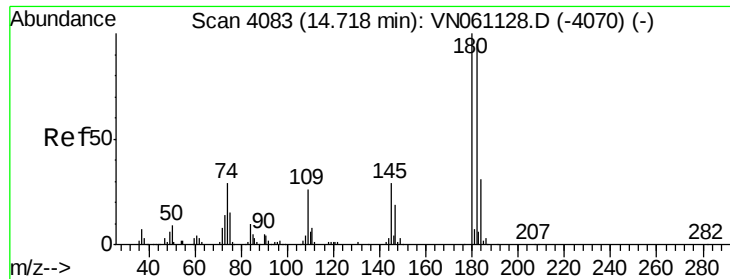
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.683 ug/l
 RT: 14.08 min Scan# 3884
 Delta R.T. 0.00 min
 Lab File: VN061128.D
 Acq: 22 Apr 2020 14:21

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.6	40.3	120.9
157	103.2	51.6	154.8





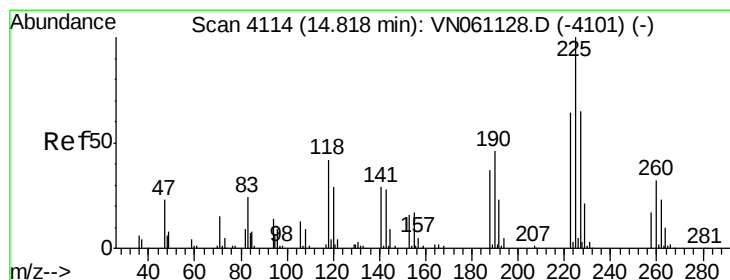
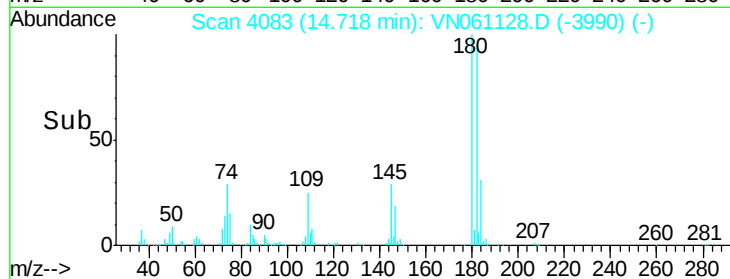
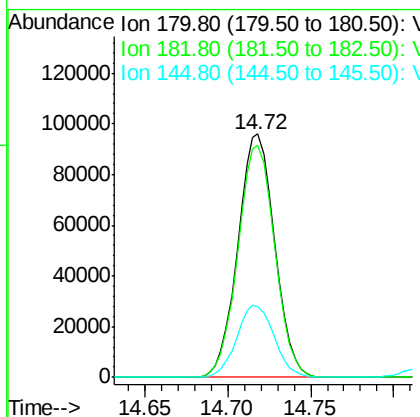
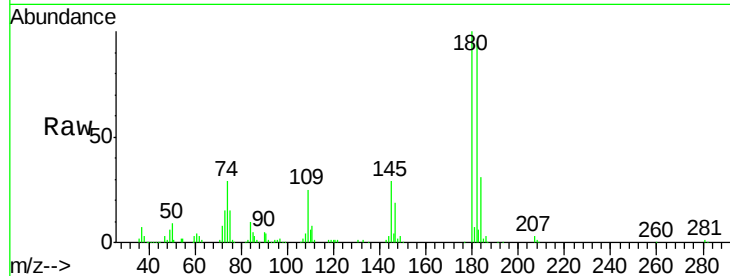
#93
 1,2,4-Trichlorobenzene
 Concen: 53.766 ug/l
 RT: 14.72 min Scan# 4083
 Delta R.T. 0.00 min
 Lab File: VN061128.D
 Acq: 22 Apr 2020 14:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	147650		
182	95.8	47.9	143.7	
145	30.3	15.2	45.5	

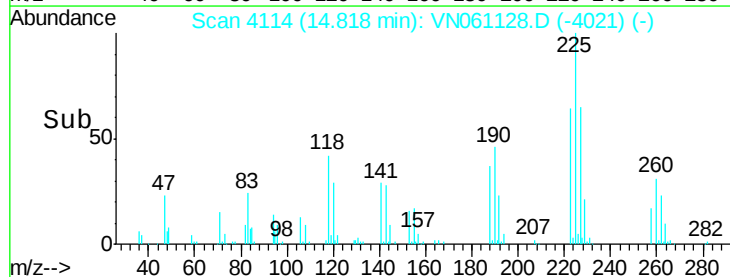
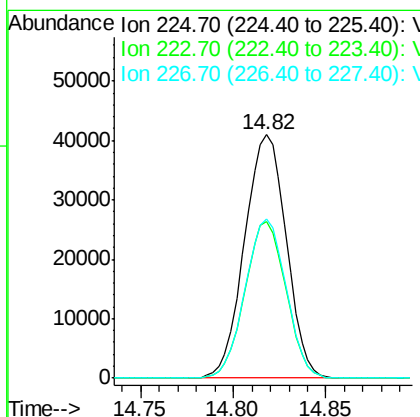
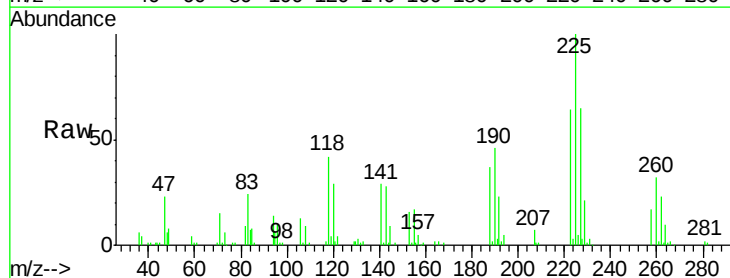
Manual Integrations
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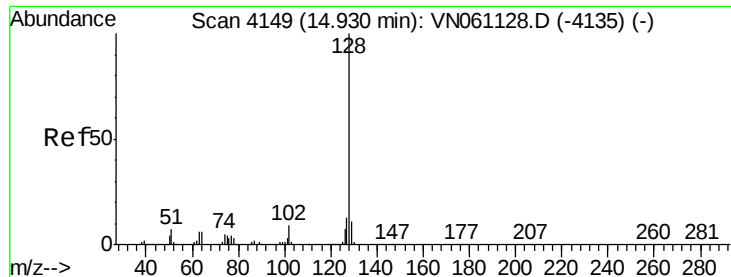
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#94
 Hexachlorobutadiene
 Concen: 46.274 ug/l
 RT: 14.82 min Scan# 4114
 Delta R.T. 0.00 min
 Lab File: VN061128.D
 Acq: 22 Apr 2020 14:21

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	63993		
223	63.3	31.6	95.0	
227	64.1	32.0	96.2	





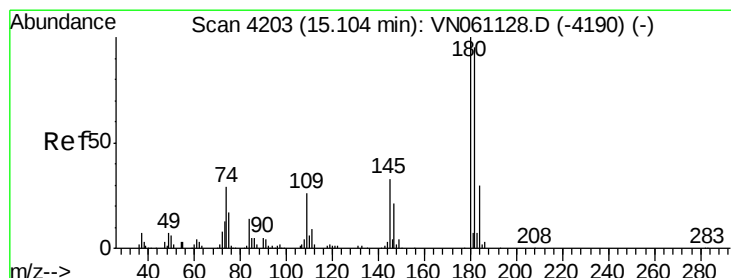
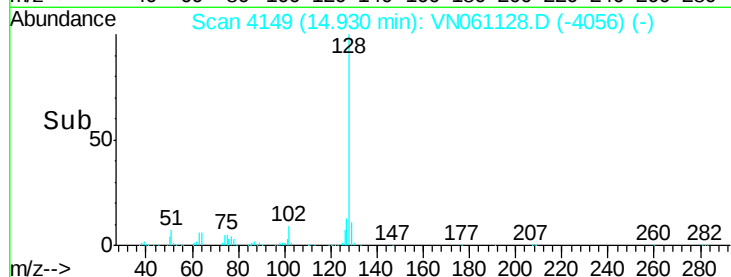
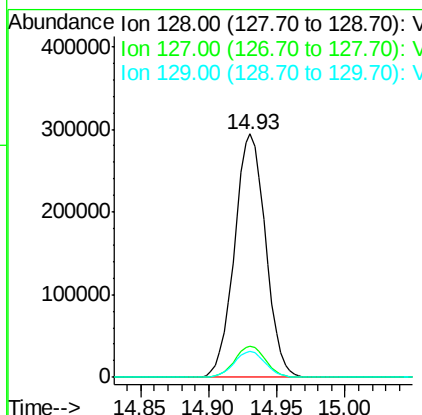
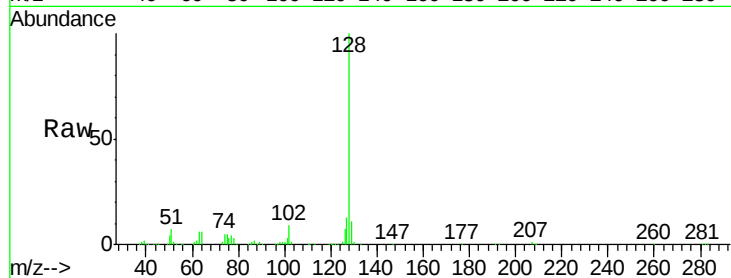
#95
Naphthalene
Concen: 57.201 ug/l
RT: 14.93 min Scan# 4149
Delta R.T. 0.00 min
Lab File: VN061128.D
Acq: 22 Apr 2020 14:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100	464476		
127	12.8	10.2	15.4	
129	10.7	8.6	12.8	

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 53.605 ug/l
RT: 15.10 min Scan# 4203
Delta R.T. 0.00 min
Lab File: VN061128.D
Acq: 22 Apr 2020 14:21

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	141947		
182	95.4	47.7	143.1	
145	32.5	16.3	48.8	

