

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051820\
 Data File : VN061429.D
 Acq On : 18 May 2020 12:00
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 5/19/2020 4:25:33 PM

Quant Time: May 18 12:43:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051820W.M
 Quant Title : SW846 8260
 QLast Update : Mon May 18 12:26:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	292840	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	539945	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	512439	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	245590	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	210170	46.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.54%	
35) Dibromofluoromethane	7.55	113	135789	50.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.10%	
50) Toluene-d8	10.06	98	634318	47.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.68%	
62) 4-Bromofluorobenzene	12.37	95	240341	48.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.22%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.83	85	124976	52.752	ug/l	100
3) Chloromethane	2.03	50	189275	40.907	ug/l	100
4) Vinyl Chloride	2.16	62	283993	40.064	ug/l	100
5) Bromomethane	2.54	94	152922	39.811	ug/l	100
6) Chloroethane	2.67	64	185304	36.849	ug/l	100
7) Trichlorofluoromethane	2.98	101	336839	38.715	ug/l	100
8) Diethyl Ether	3.37	74	96937	49.430	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	142679	51.478	ug/l	100
10) Methyl Iodide	3.91	142	166306	48.203	ug/l	100
11) Tert butyl alcohol	4.73	59	130493	384.972	ug/l	100
12) 1,1-Dichloroethene	3.70	96	142045	47.852	ug/l	100
13) Acrolein	3.56	56	96586	251.679	ug/l	100
14) Allyl chloride	4.27	41	249701	47.450	ug/l	100
15) Acrylonitrile	4.93	53	379883	262.387	ug/l	100
16) Acetone	3.77	43	293926	259.106	ug/l	100
17) Carbon Disulfide	4.01	76	333741	43.687	ug/l	100
18) Methyl Acetate	4.28	43	155143	46.738	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	560482	48.230	ug/l	100
20) Methylene Chloride	4.50	84	173430	48.439	ug/l	100
21) trans-1,2-Dichloroethene	4.99	96	170995	47.631	ug/l	100
22) Diisopropyl ether	5.90	45	552819	47.223	ug/l	100
23) Vinyl Acetate	5.84	43	2245938	235.683	ug/l	100
24) 1,1-Dichloroethane	5.80	63	323455	48.377	ug/l	100
25) 2-Butanone	6.78	43	496423	264.363	ug/l	100
26) 2,2-Dichloropropane	6.77	77	298125	52.071	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	205236	49.229	ug/l	100
28) Bromochloromethane	7.15	49	148698	50.648	ug/l	100
29) Tetrahydrofuran	7.17	42	331230	259.848	ug/l	100
30) Chloroform	7.33	83	344836	49.139	ug/l	100
31) Cyclohexane	7.61	56	293385	44.699	ug/l	100
32) 1,1,1-Trichloroethane	7.53	97	311886	49.931	ug/l	100
36) 1,1-Dichloropropene	7.75	75	256501	47.616	ug/l	100
37) Ethyl Acetate	6.88	43	219609	48.904	ug/l	100
38) Carbon Tetrachloride	7.73	117	246010	53.272	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	313492	48.898	ug/l	100
40) Benzene	8.00	78	769489	48.534	ug/l	100
41) Methacrylonitrile	7.13	41	102039	48.967	ug/l	100
42) 1,2-Dichloroethane	8.09	62	275425	48.329	ug/l	100
43) Isopropyl Acetate	8.12	43	395654	45.822	ug/l	100
44) Trichloroethene	8.80	130	202485	49.425	ug/l	100
45) 1,2-Dichloropropane	9.08	63	193973	48.568	ug/l	100
46) Dibromomethane	9.18	93	134488	50.076	ug/l	100
47) Bromodichloromethane	9.37	83	290292	49.788	ug/l	100
48) Methyl methacrylate	9.17	41	180717	46.251	ug/l	100
49) 1,4-Dioxane	9.17	88	43251	1706.574	ug/l	100
51) 4-Methyl-2-Pentanone	9.95	43	1122728	241.471	ug/l	100
52) Toluene	10.13	92	502491	49.930	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	323028	50.662	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	331768	49.333	ug/l	100
55) 1,1,2-Trichloroethane	10.54	97	191882	51.246	ug/l	100
56) Ethyl methacrylate	10.40	69	302934	49.481	ug/l	100
57) 1,3-Dichloropropane	10.68	76	329880	50.566	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	641143	247.940	ug/l	100
59) 2-Hexanone	10.72	43	811930	254.916	ug/l	100
60) Dibromochloromethane	10.87	129	217320	52.204	ug/l	100
61) 1,2-Dibromoethane	10.98	107	201587	51.185	ug/l	100
64) Tetrachloroethene	10.60	164	198805	49.553	ug/l	100
65) Chlorobenzene	11.41	112	525426	49.403	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	191767	51.083	ug/l	100
67) Ethyl Benzene	11.48	91	989620	50.230	ug/l	100
68) m/p-Xylenes	11.59	106	754775	101.976	ug/l	100
69) o-Xylene	11.92	106	361210	50.313	ug/l	100
70) Styrene	11.94	104	618358	51.301	ug/l	100
71) Bromoform	12.10	173	141229	53.416	ug/l #	100
73) Isopropylbenzene	12.22	105	977071	48.881	ug/l	100
74) N-amyl acetate	12.04	43	358651	45.875	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.48	83	267680	46.978	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	254034m	49.527	ug/l	
77) Bromobenzene	12.50	156	212846	48.651	ug/l	100
78) n-propylbenzene	12.56	91	1135362	48.726	ug/l	100
79) 2-Chlorotoluene	12.65	91	654388	47.903	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	820583	49.052	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	95939	48.916	ug/l	100
82) 4-Chlorotoluene	12.75	91	691272	48.161	ug/l	100
83) tert-Butylbenzene	12.97	119	698226	48.926	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	827734	49.585	ug/l	100
85) sec-Butylbenzene	13.15	105	951201	49.382	ug/l	100
86) p-Isopropyltoluene	13.26	119	852487	50.982	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	396892	50.027	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	401169	49.239	ug/l	100
89) n-Butylbenzene	13.59	91	776342	51.167	ug/l	100
90) Hexachloroethane	13.85	117	119905	52.046	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	384210	50.659	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	54808	50.030	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	217691	52.347	ug/l	100
94) Hexachlorobutadiene	14.98	225	91724	57.274	ug/l	100
95) Naphthalene	15.10	128	703223	52.215	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	211268	50.832	ug/l	100

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

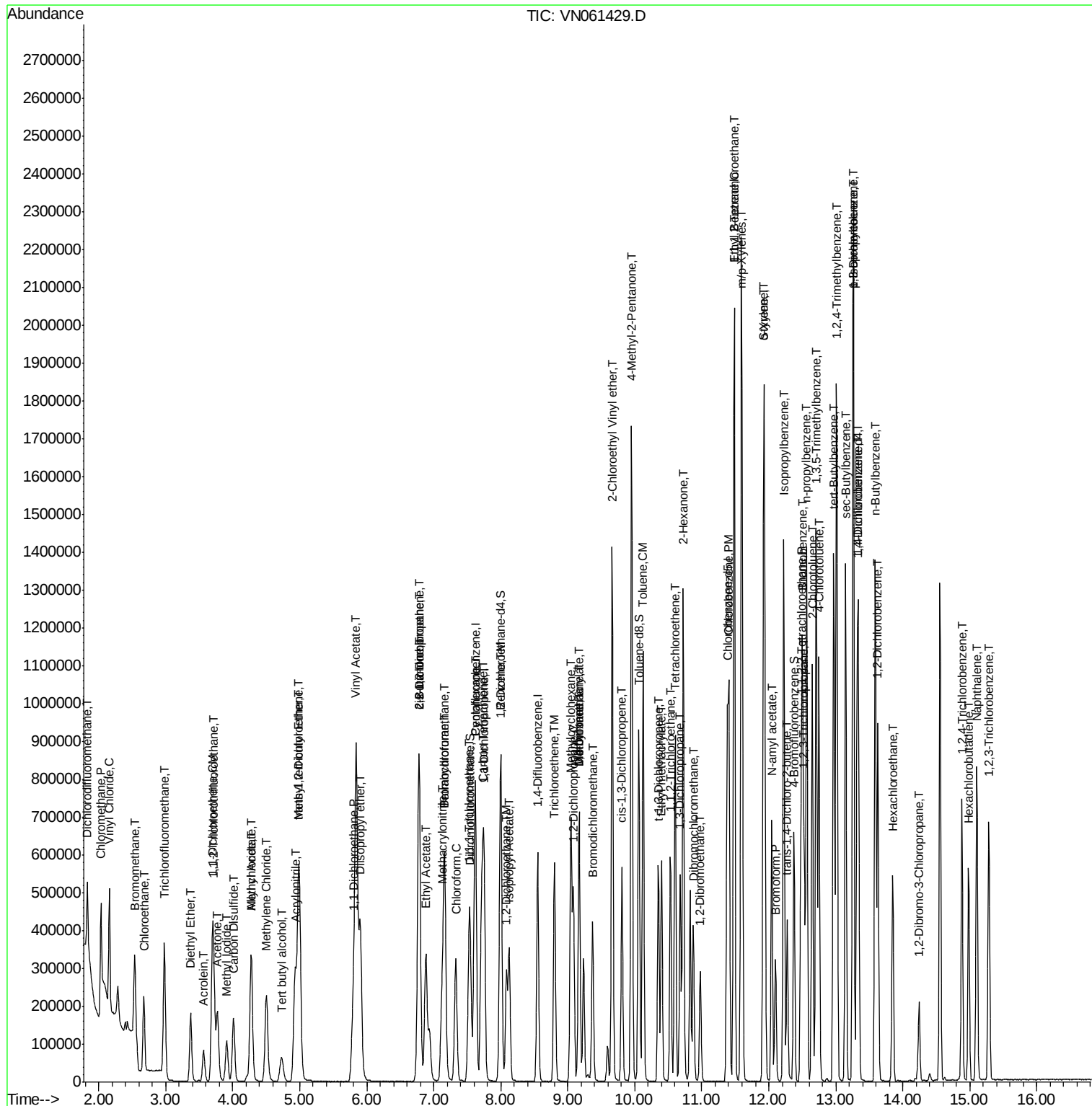
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Acq On : 18 May 2020 12:00
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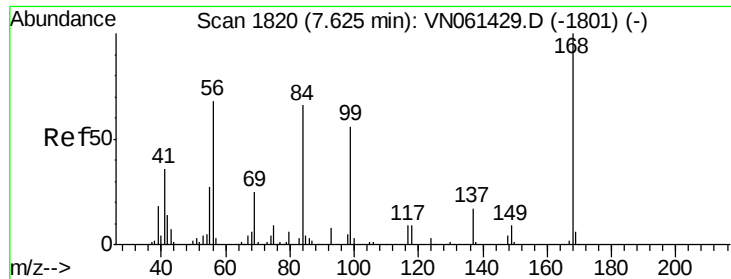
Instrument :
MSVOA_N
Client Sample Id :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN061429.D

Acq: 18 May 2020 12:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion:168 Resp: 292840

Ion Ratio Lower Upper

168 100

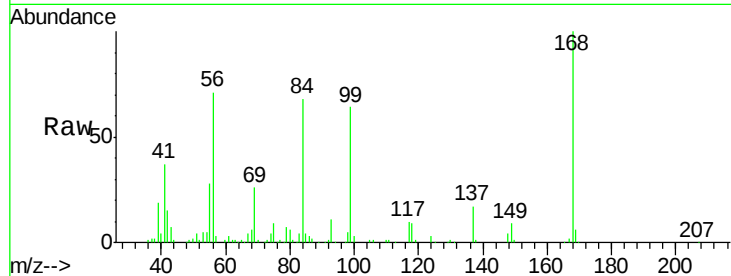
99 63.9 51.1 76.7

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

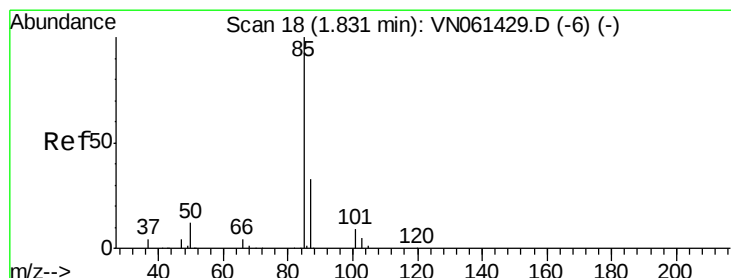
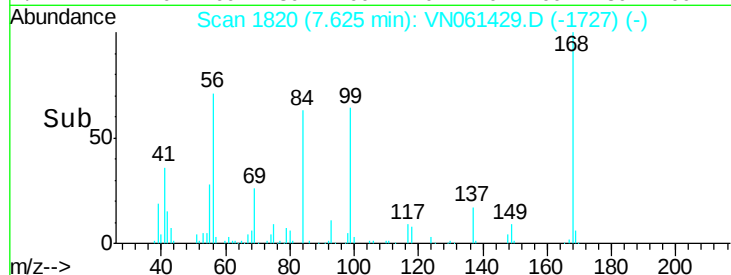
7.63

100000

50000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 52.752 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061429.D

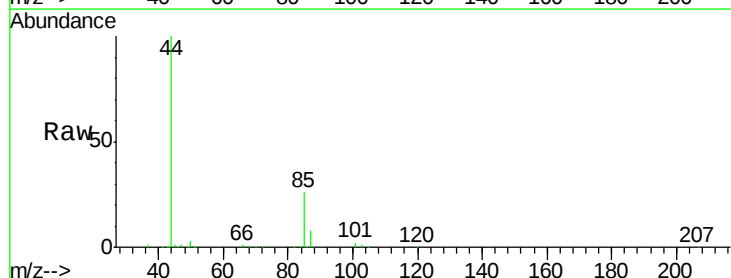
Acq: 18 May 2020 12:00

Tgt Ion: 85 Resp: 124976

Ion Ratio Lower Upper

85 100

87 32.5 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

100000

80000

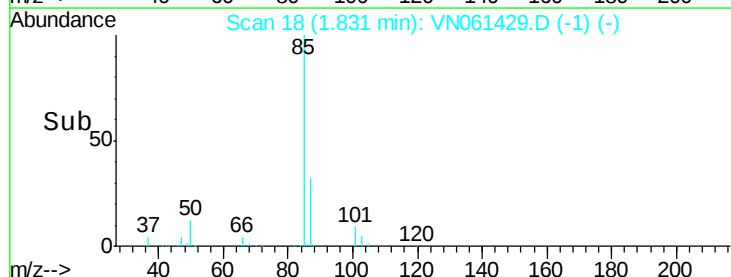
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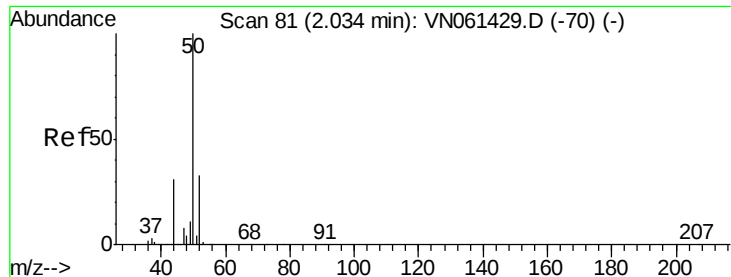
40000

20000

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Time--> 1.75 1.80 1.85 1.90 1.95





#3

Chloromethane

Concen: 40.907 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN061429.D

Acq: 18 May 2020 12:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion: 50 Resp: 189275

Ion Ratio Lower Upper

50 100

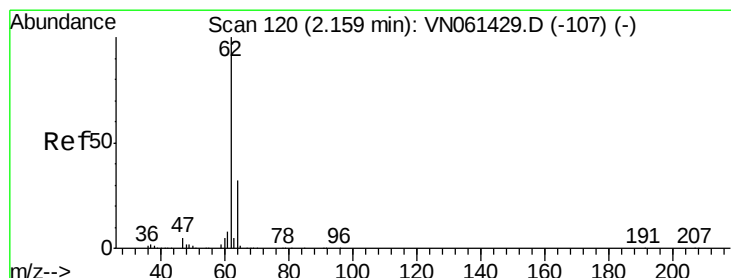
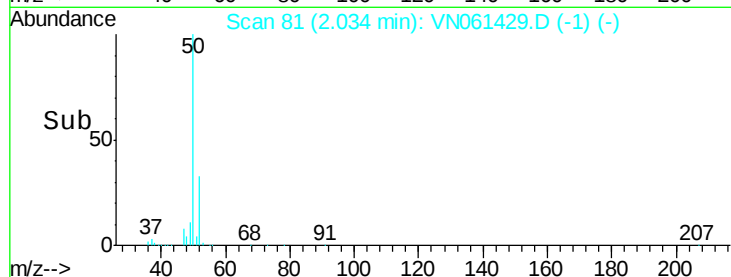
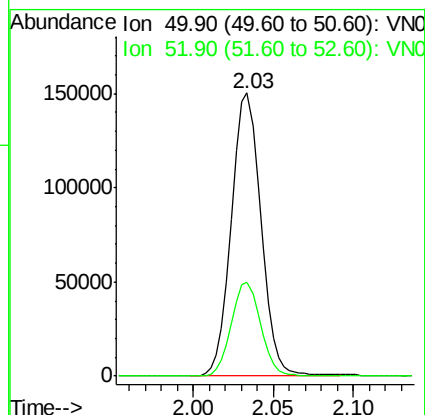
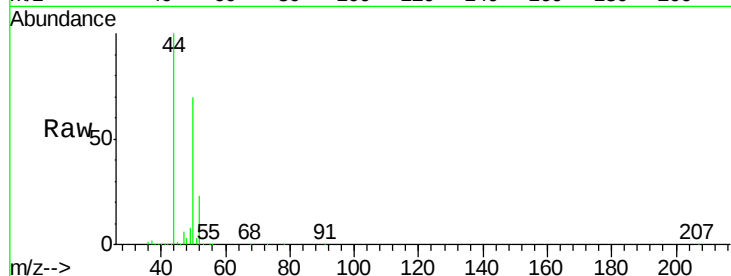
52 33.4 26.7 40.1

Manual Integrations

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#4

Vinyl Chloride

Concen: 40.064 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN061429.D

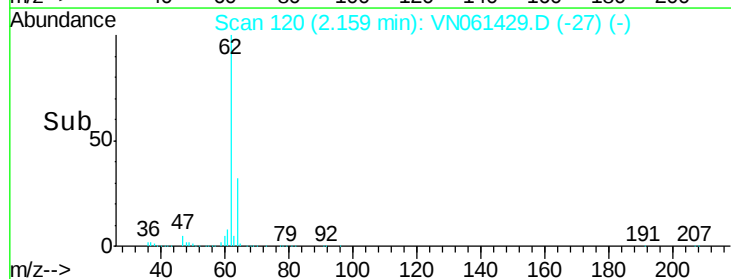
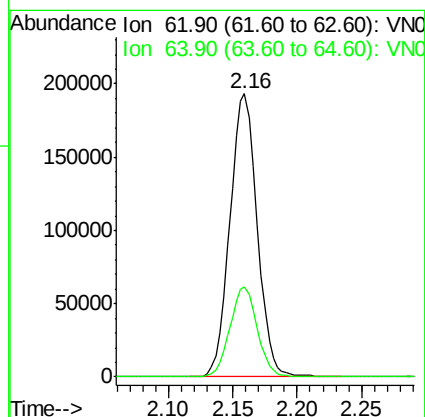
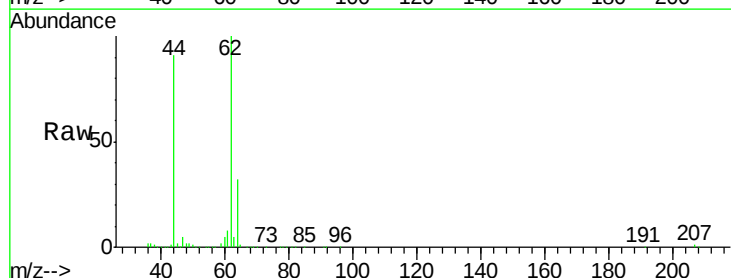
Acq: 18 May 2020 12:00

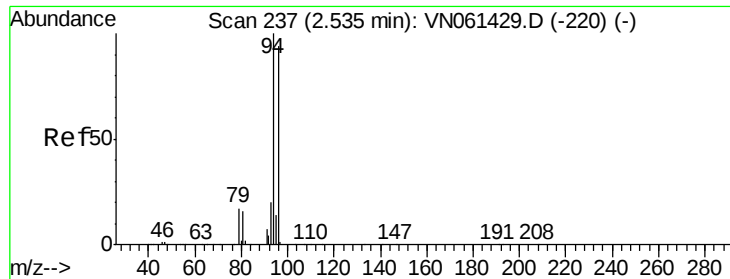
Tgt Ion: 62 Resp: 283993

Ion Ratio Lower Upper

62 100

64 31.6 25.3 37.9





#5

Bromomethane

Concen: 39.811 ug/l

RT: 2.54 min Scan# 237

Delta R.T. 0.00 min

Lab File: VN061429.D

Acq: 18 May 2020 12:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion: 94 Resp: 152922

Ion Ratio Lower Upper

94 100

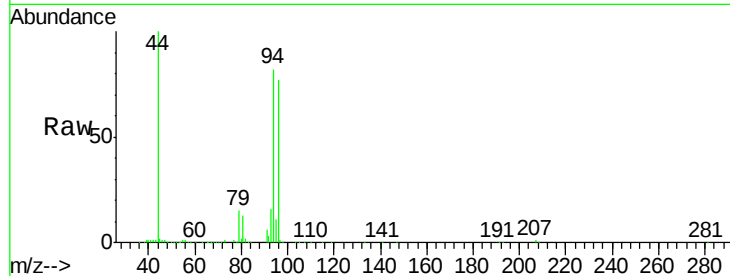
96 93.6 74.9 112.3

Manual Integrations

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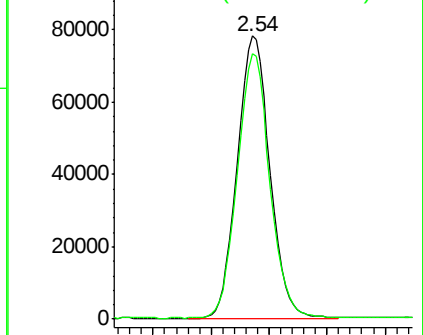
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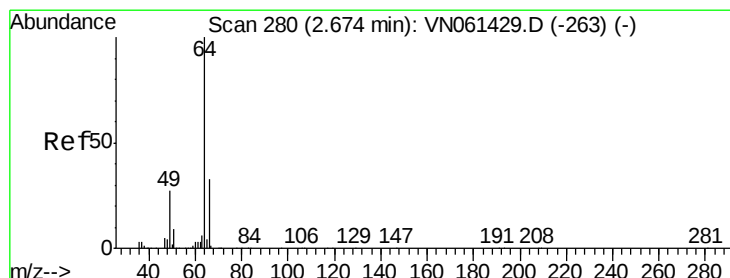
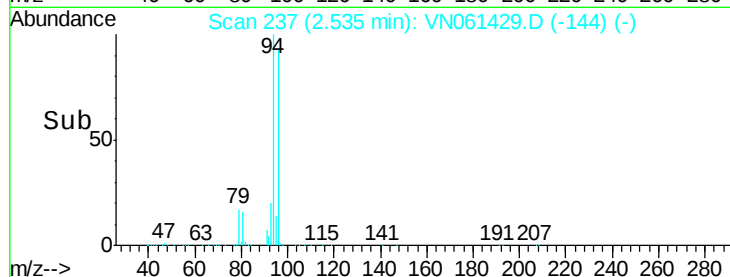


Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO



Time-->



#6

Chloroethane

Concen: 36.849 ug/l

RT: 2.67 min Scan# 280

Delta R.T. 0.00 min

Lab File: VN061429.D

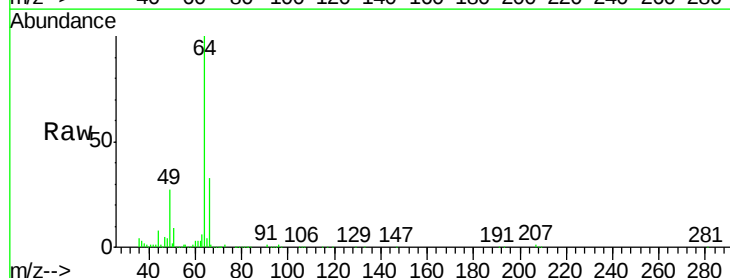
Acq: 18 May 2020 12:00

Tgt Ion: 64 Resp: 185304

Ion Ratio Lower Upper

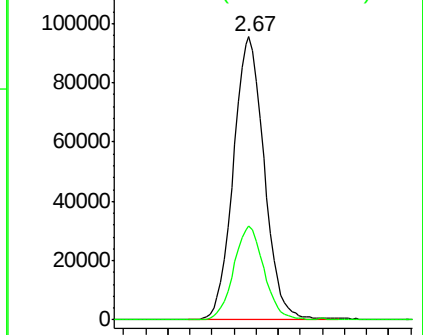
64 100

66 32.9 26.3 39.5

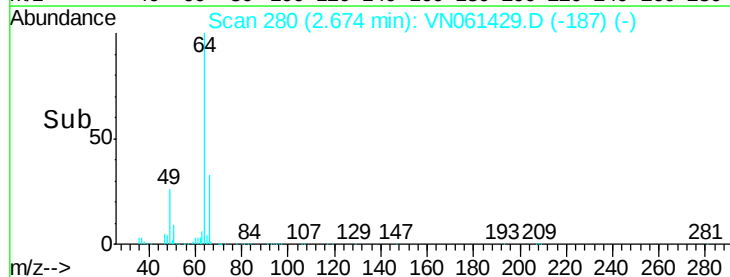


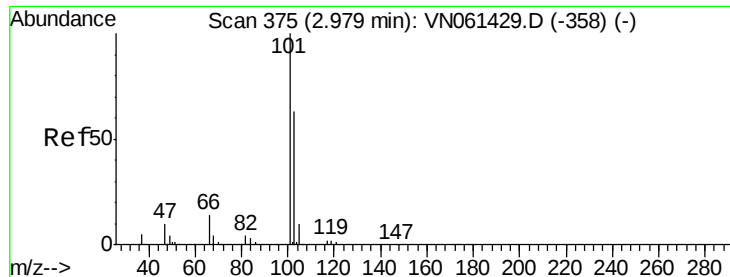
Abundance Ion 63.90 (63.60 to 64.60): VNO

Ion 65.90 (65.60 to 66.60): VNO



Time-->





#7

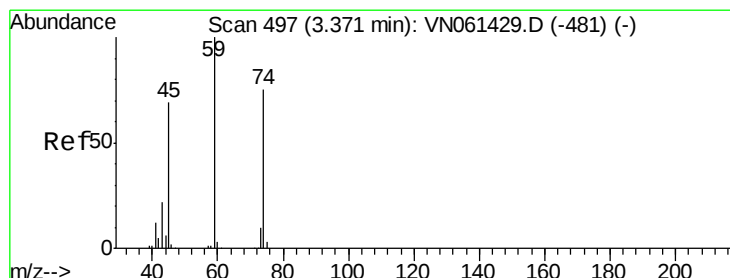
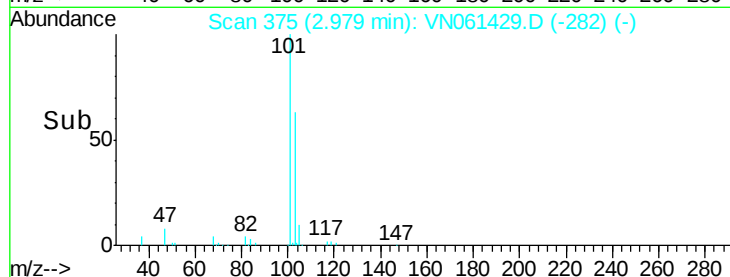
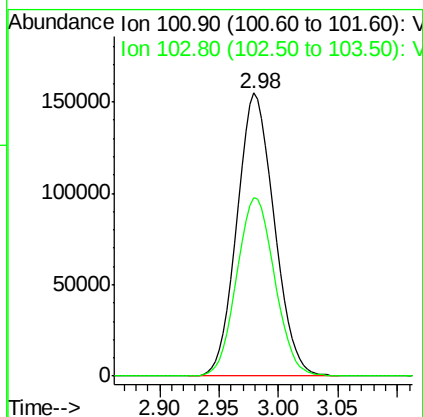
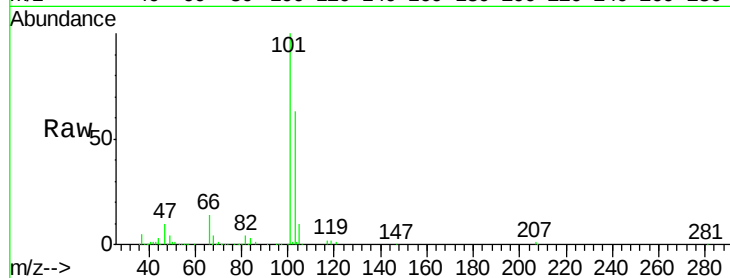
Trichlorofluoromethane
Concen: 38.715 ug/l
RT: 2.98 min Scan# 375
Delta R.T. 0.00 min
Lab File: VN061429.D
Acq: 18 May 2020 12:00

Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	62.8	50.2	75.4

Manual Integrations
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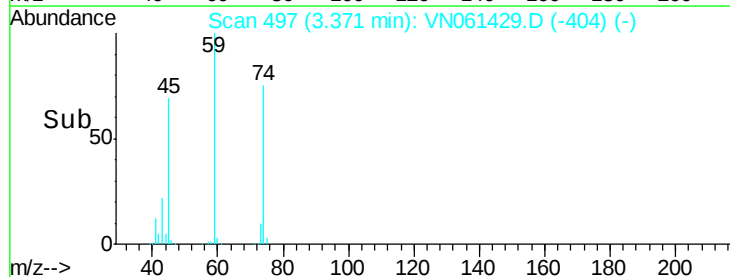
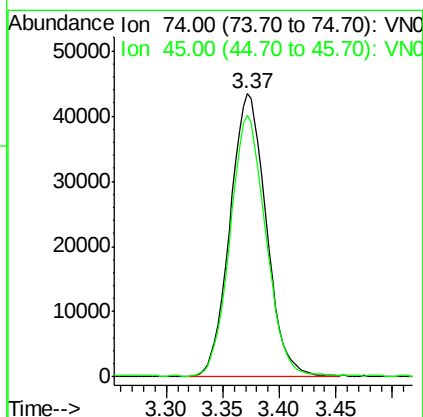
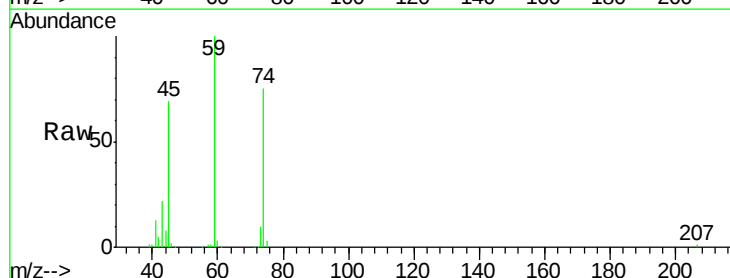
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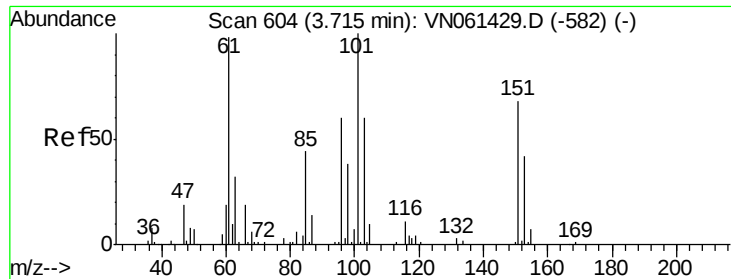


#8

Diethyl Ether
Concen: 49.430 ug/l
RT: 3.37 min Scan# 497
Delta R.T. 0.00 min
Lab File: VN061429.D
Acq: 18 May 2020 12:00

Tgt Ion	Ratio	Lower	Upper
74	100		
45	91.4	45.7	137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.478 ug/l

RT: 3.72 min Scan# 604

Delta R.T. 0.00 min

Lab File: VN061429.D

Acq: 18 May 2020 12:00

Instrument :

MSVOA_N

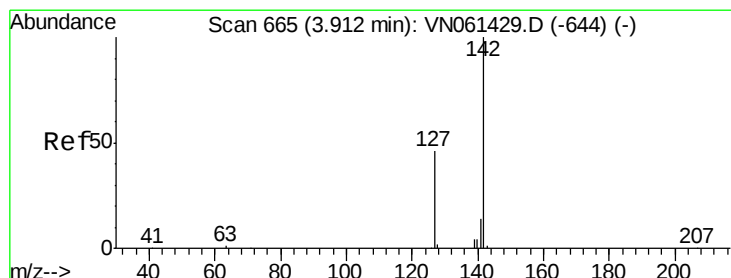
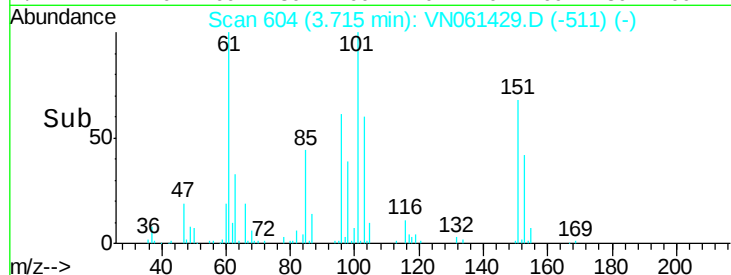
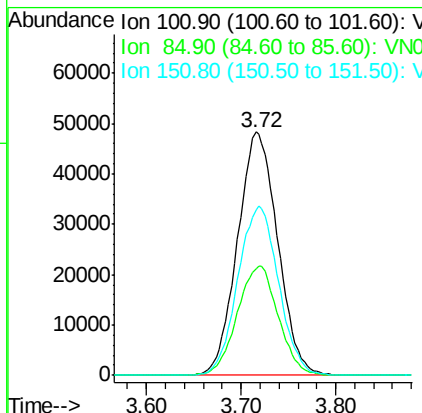
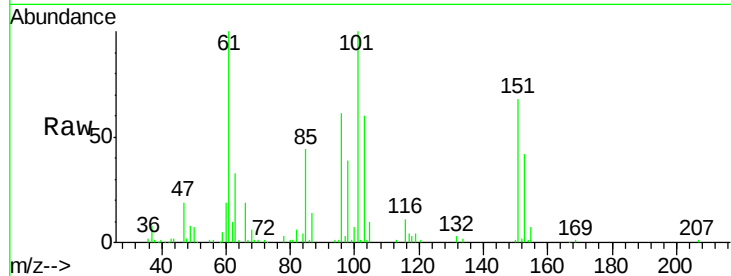
ClientSampleId :

VSTDICCC050

Tot Ion:	101	Resp:	142679
Ion Ratio	Lower	Upper	
101	100		
85	45.8	36.6	55.0
151	70.4	56.3	84.5

Manual Integrations
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#10

Methyl Iodide

Concen: 48.203 ug/l

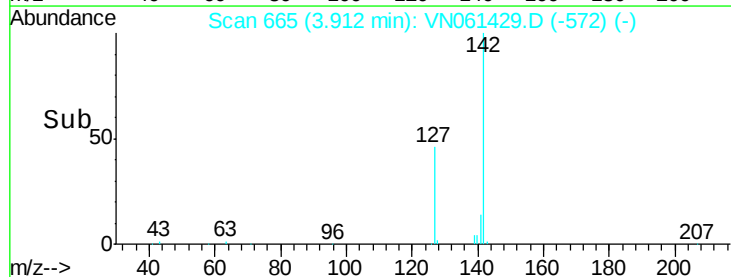
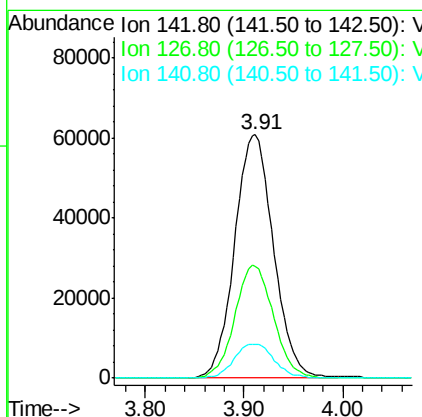
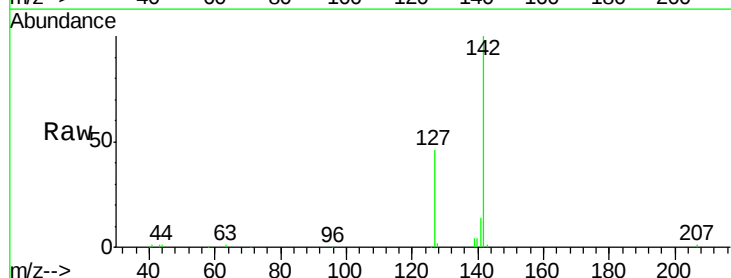
RT: 3.91 min Scan# 665

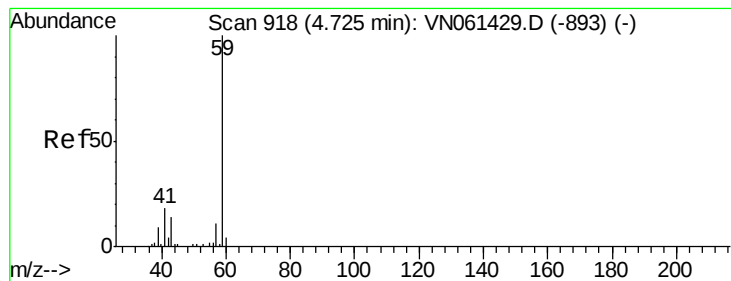
Delta R.T. 0.00 min

Lab File: VN061429.D

Acq: 18 May 2020 12:00

Tgt Ion:	142	Resp:	166306
Ion Ratio	Lower	Upper	
142	100		
127	45.9	36.7	55.1
141	14.4	11.5	17.3





#11

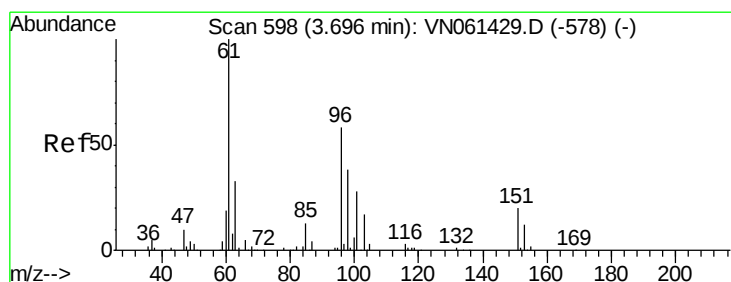
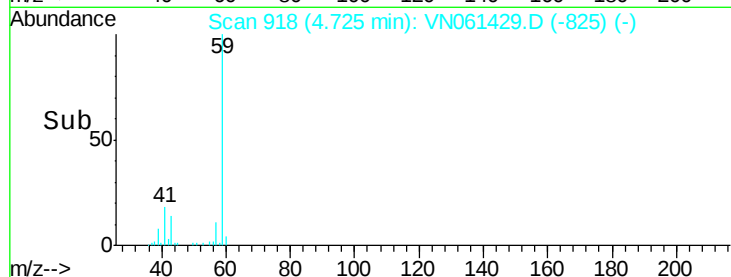
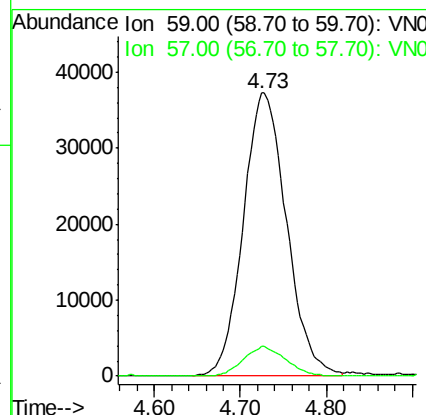
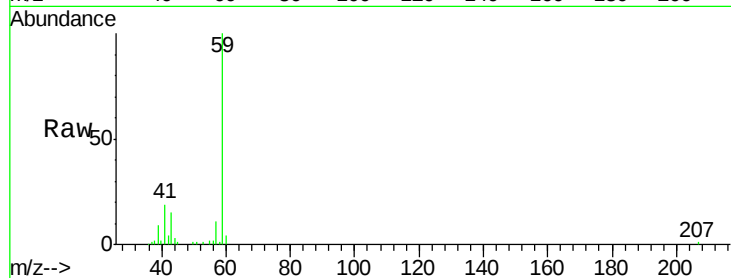
Tert butyl alcohol
Concen: 384.972 ug/l
RT: 4.73 min Scan# 918
Delta R.T. 0.00 min
Lab File: VN061429.D
Acq: 18 May 2020 12:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.2	12.2

Manual Integrations
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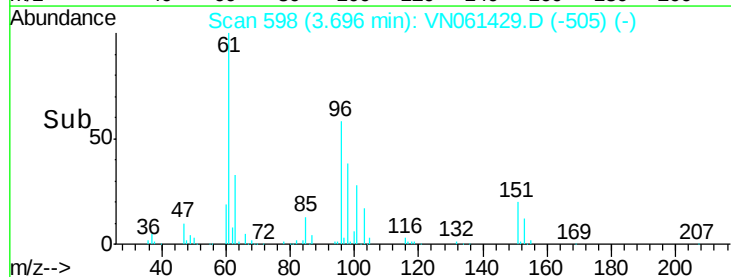
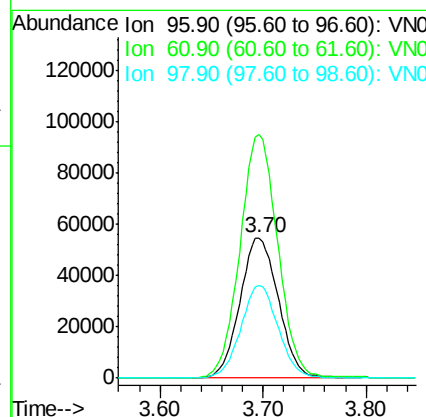
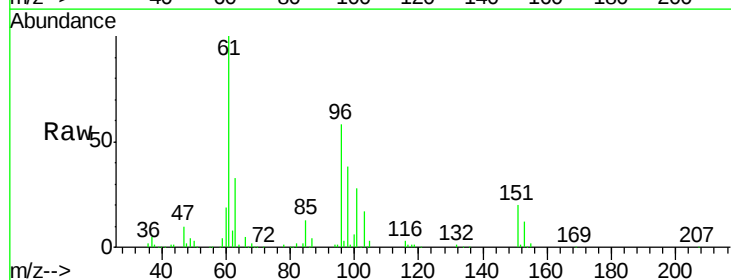
MMDadoda
5/19/2020 4:25:33 PM

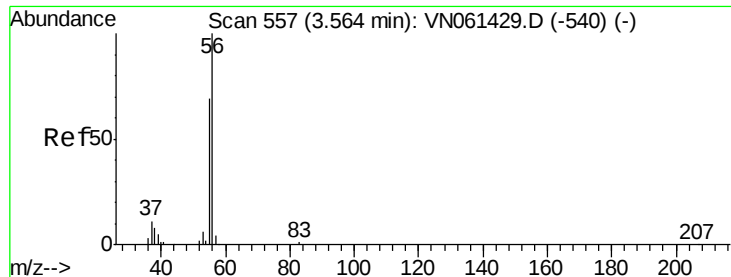


#12

1,1-Dichloroethene
Concen: 47.852 ug/l
RT: 3.70 min Scan# 598
Delta R.T. 0.00 min
Lab File: VN061429.D
Acq: 18 May 2020 12:00

Tgt Ion	Ratio	Lower	Upper
96	100		
61	173.4	138.7	208.1
98	66.3	53.0	79.6





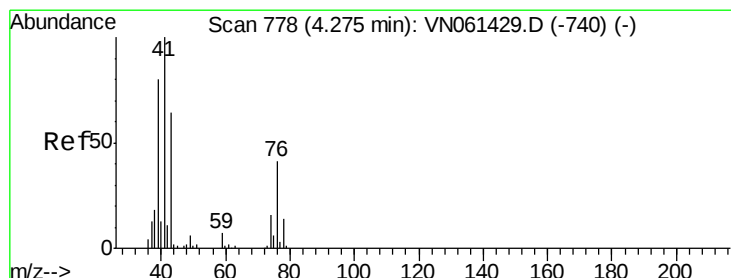
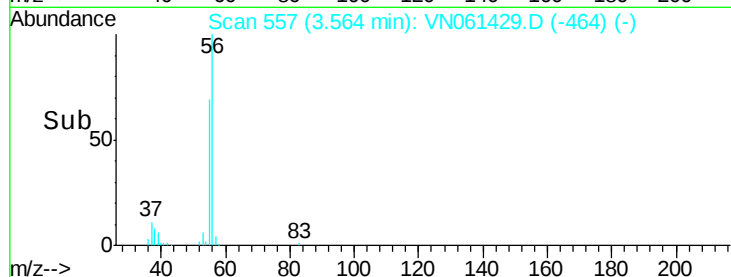
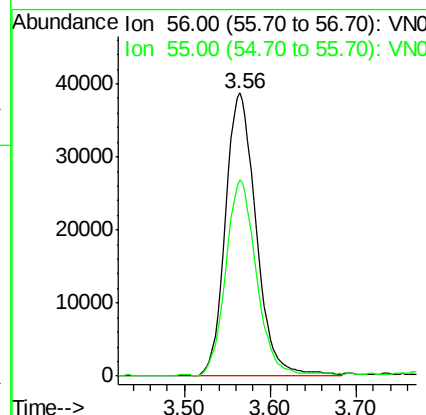
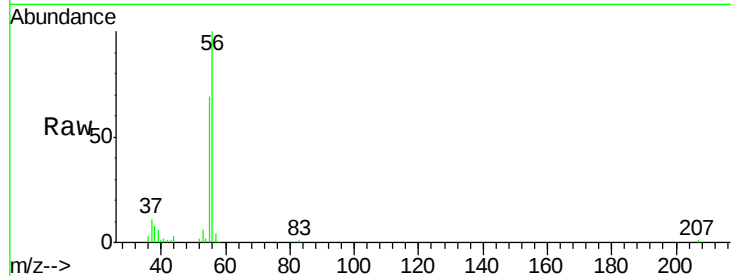
#13
 Acrolein
 Concen: 251.679 ug/l
 RT: 3.56 min Scan# 557
 Delta R.T. 0.00 min
 Lab File: VN061429.D
 Acq: 18 May 2020 12:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
56	100		
55	68.5	54.8	82.2

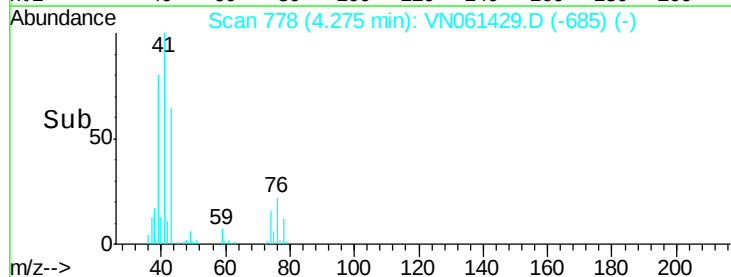
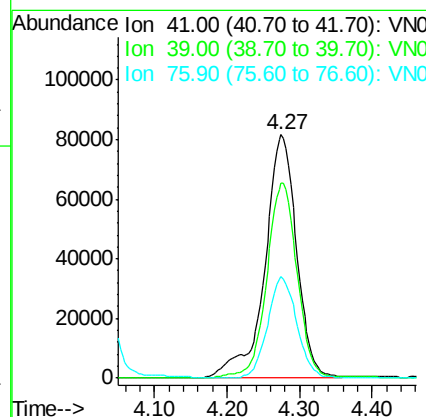
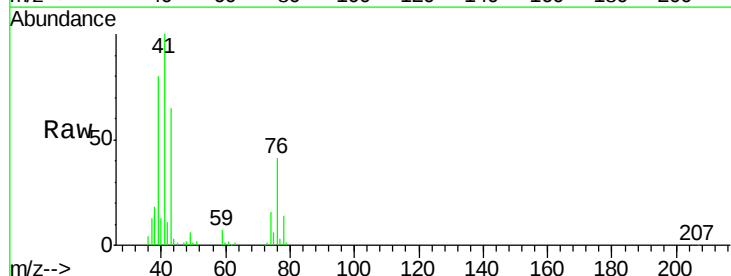
Manual Integrations
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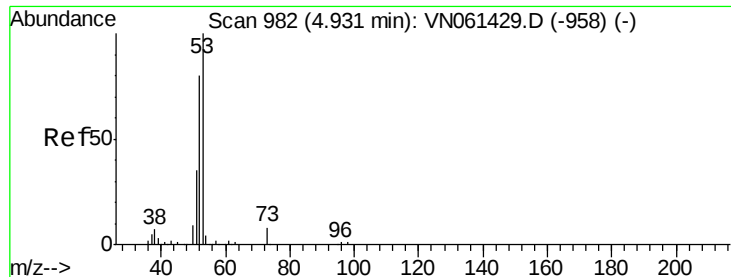
MMDadoda
 5/19/2020 4:25:33 PM



#14
 Allyl chloride
 Concen: 47.450 ug/l
 RT: 4.27 min Scan# 778
 Delta R.T. 0.00 min
 Lab File: VN061429.D
 Acq: 18 May 2020 12:00

Tgt Ion	Ratio	Lower	Upper
41	100		
39	76.5	61.2	91.8
76	37.4	29.9	44.9





#15

Acrylonitrile

Concen: 262.387 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN061429.D

Acq: 18 May 2020 12:00

Instrument :

MSVOA_N

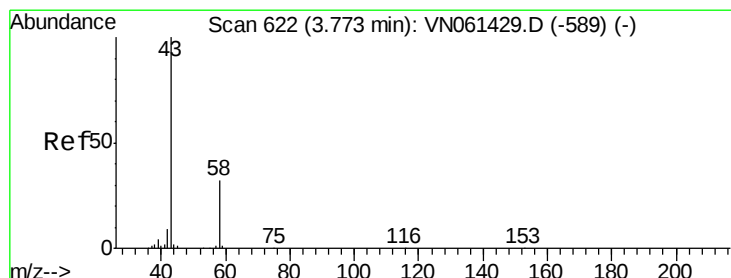
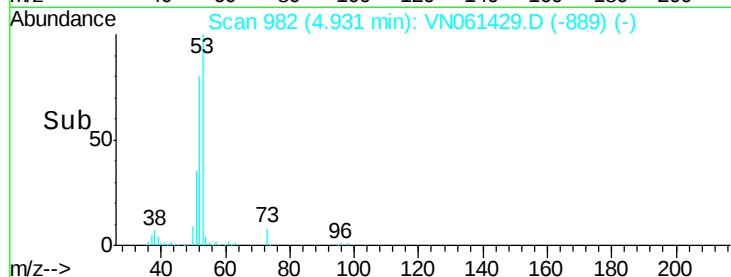
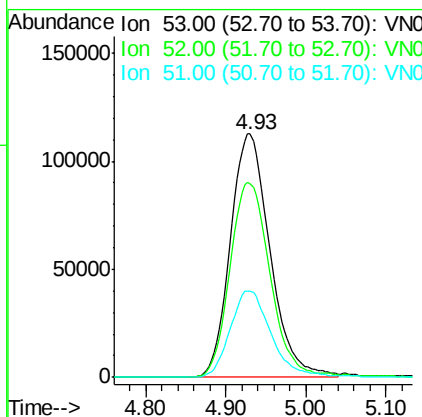
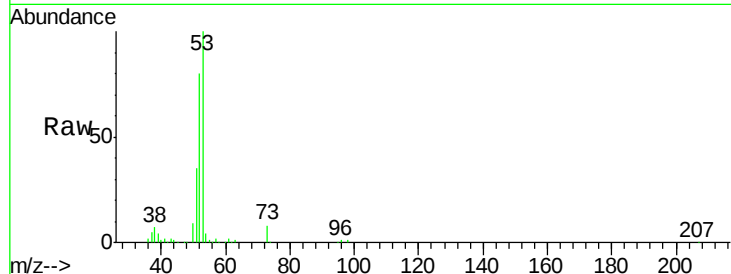
ClientSampleId :

VSTDICCC050

Tot Ion:	53	Resp:	379883
Ion	Ratio	Lower	Upper
53	100		
52	80.9	64.7	97.1
51	36.9	29.5	44.3

Manual Integrations
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#16

Acetone

Concen: 259.106 ug/l

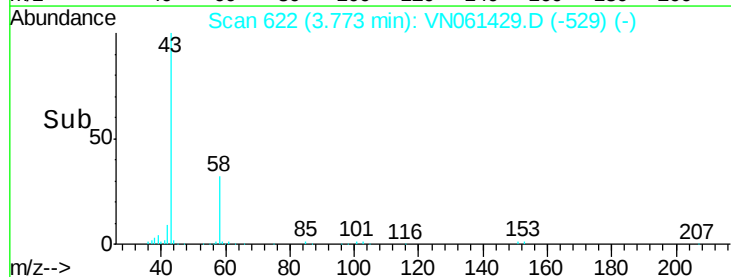
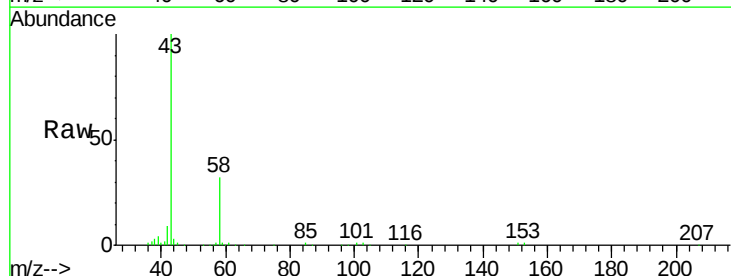
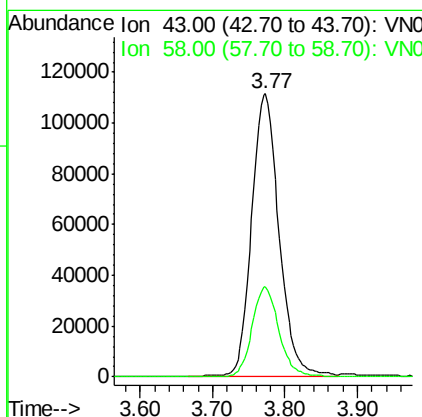
RT: 3.77 min Scan# 622

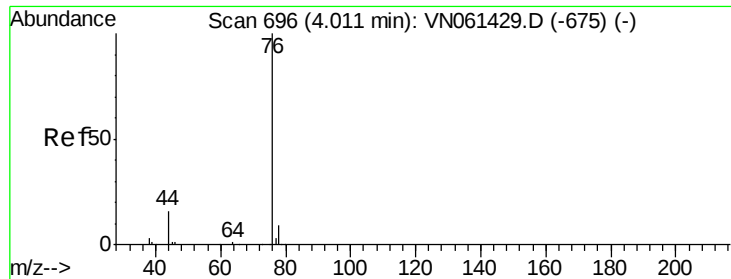
Delta R.T. 0.00 min

Lab File: VN061429.D

Acq: 18 May 2020 12:00

Tgt Ion:	43	Resp:	293926
Ion	Ratio	Lower	Upper
43	100		
58	32.0	25.6	38.4





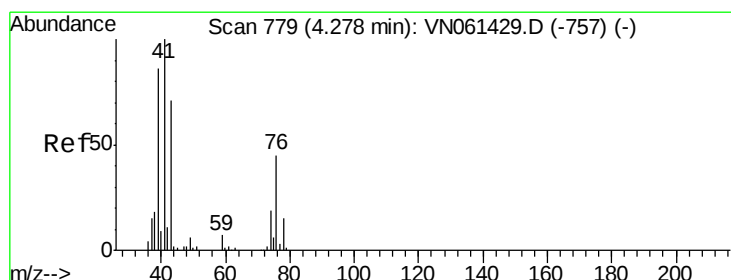
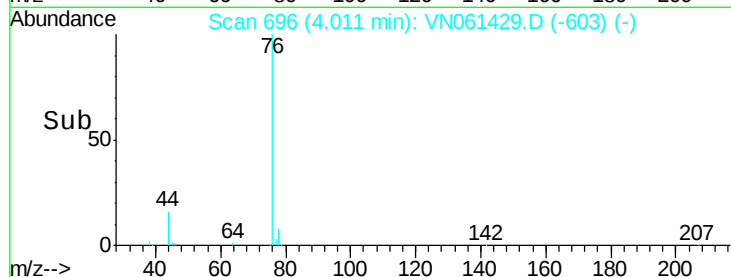
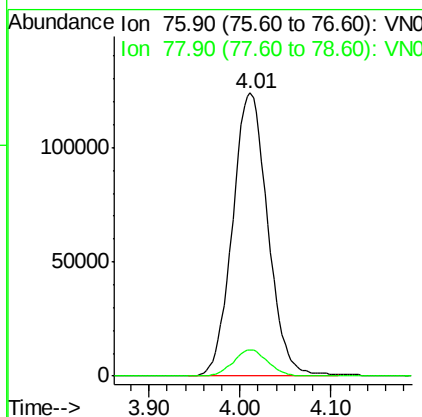
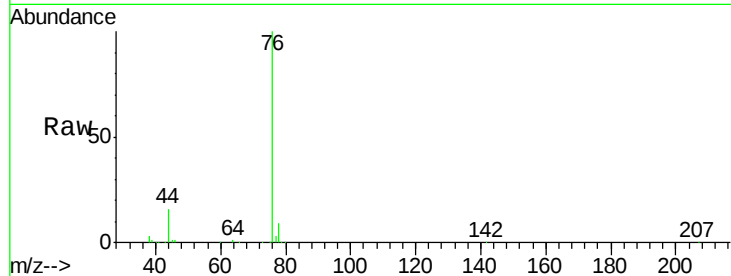
#17
Carbon Disulfide
Concen: 43.687 ug/l
RT: 4.01 min Scan# 696
Delta R.T. 0.00 min
Lab File: VN061429.D
Acq: 18 May 2020 12:00

Instrument :
MSVOA_N
ClientSampled :
VSTDICCC050

Tot Ion: 76 Resp: 333741
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0

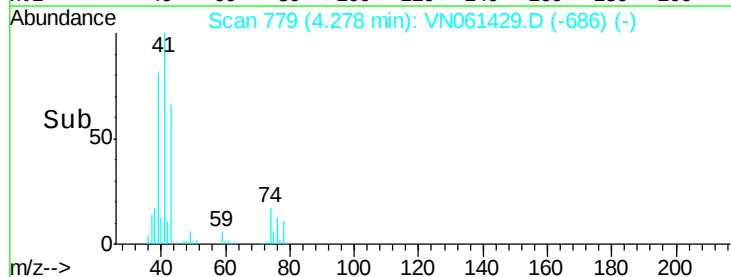
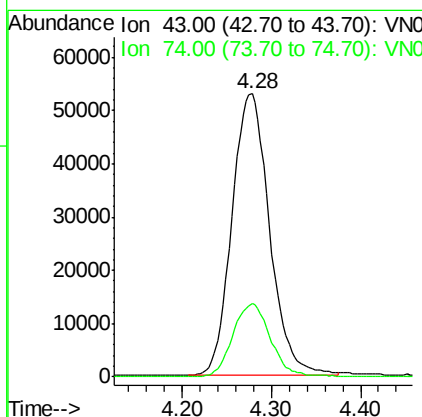
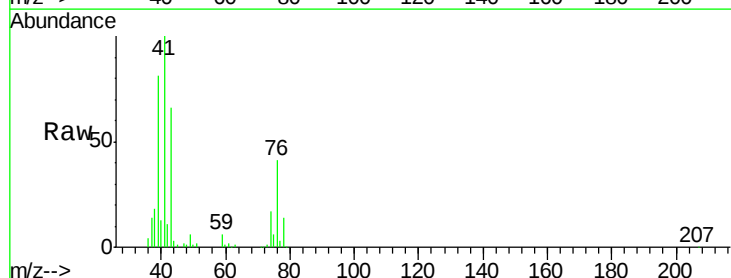
Manual Integrations
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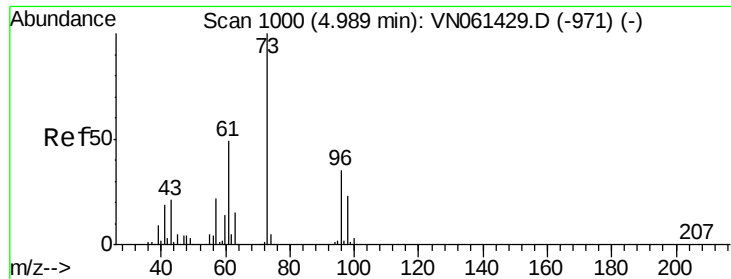
MMDadoda
5/19/2020 4:25:33 PM



#18
Methyl Acetate
Concen: 46.738 ug/l
RT: 4.28 min Scan# 779
Delta R.T. 0.00 min
Lab File: VN061429.D
Acq: 18 May 2020 12:00

Tgt Ion: 43 Resp: 155143
Ion Ratio Lower Upper
43 100
74 26.0 20.8 31.2





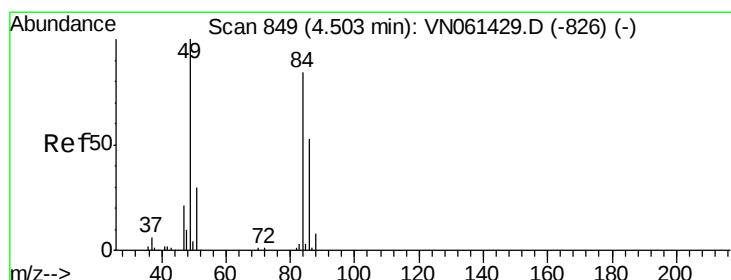
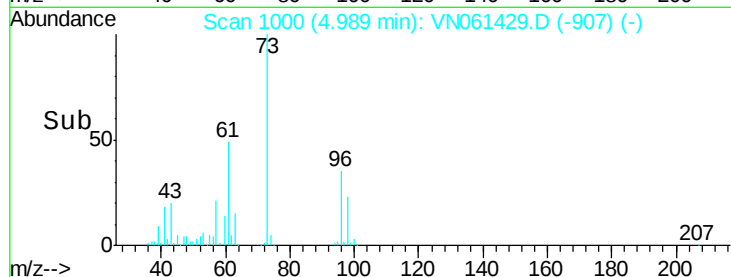
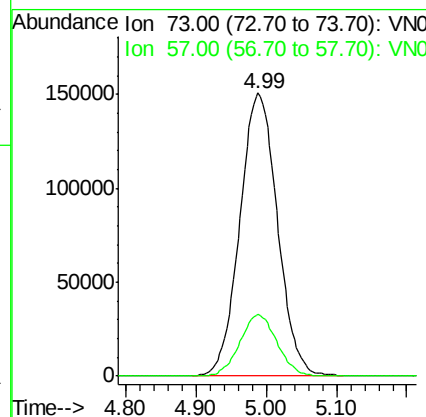
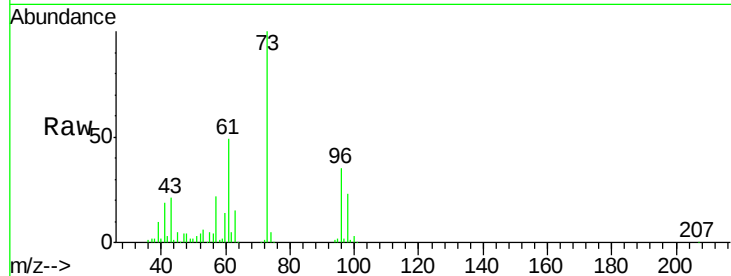
#19
Methvl tert-butvl Ether
Concen: 48.230 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. 0.00 min
Lab File: VN061429.D
Acq: 18 May 2020 12:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion: 73 Resp: 560482
Ion Ratio Lower Upper
73 100
57 21.7 17.4 26.0

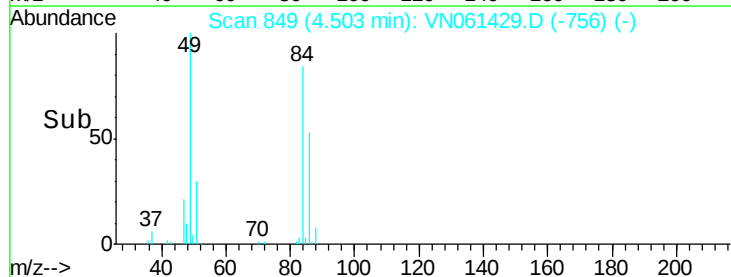
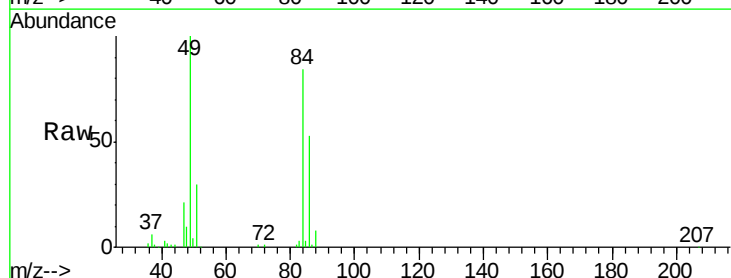
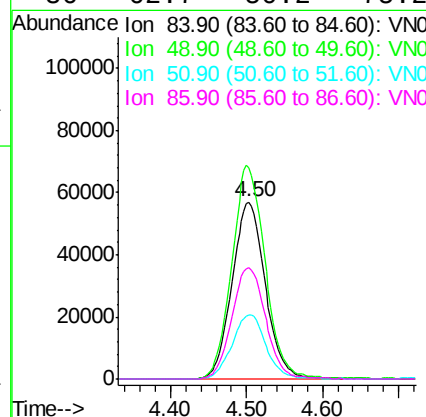
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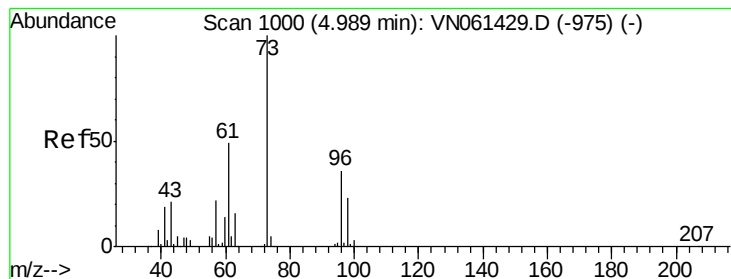
MMDadoda
5/19/2020 4:25:33 PM



#20
Methylene Chloride
Concen: 48.439 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.00 min
Lab File: VN061429.D
Acq: 18 May 2020 12:00

Tgt Ion: 84 Resp: 173430
Ion Ratio Lower Upper
84 100
49 119.1 95.3 142.9
51 36.3 29.0 43.6
86 62.7 50.2 75.2





#21

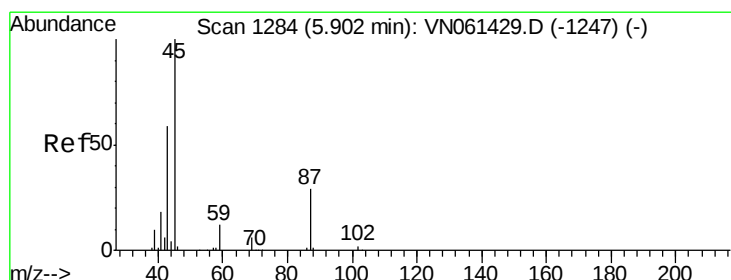
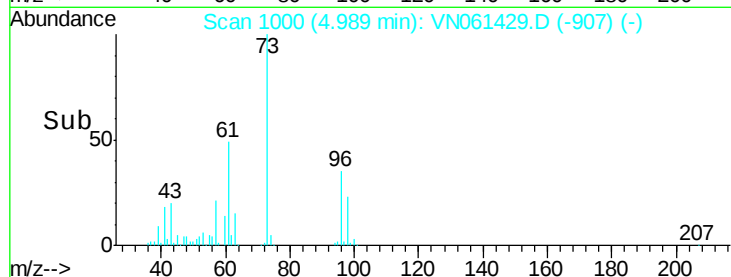
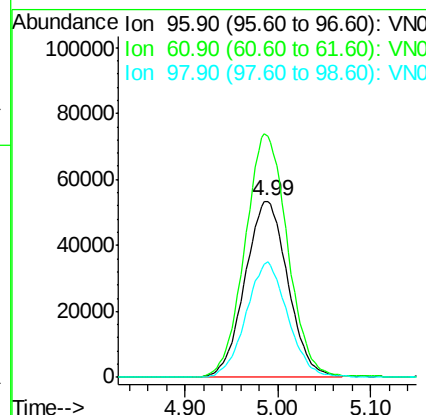
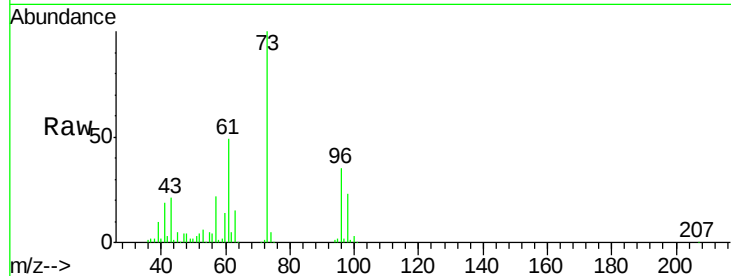
trans-1,2-Dichloroethene
Concen: 47.631 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. 0.00 min
Lab File: VN061429.D
Acq: 18 May 2020 12:00

Instrument :
MSVOA_N
ClientSampled :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	137.2	109.8	164.6
98	65.5	52.4	78.6

Manual Integrations
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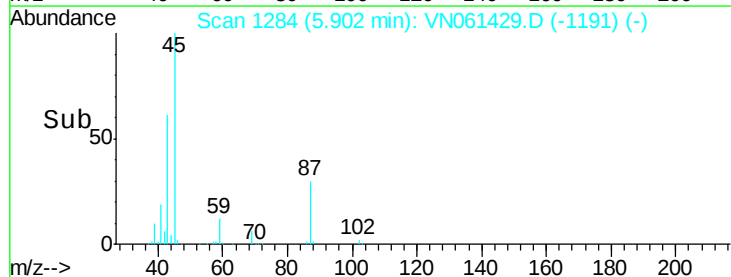
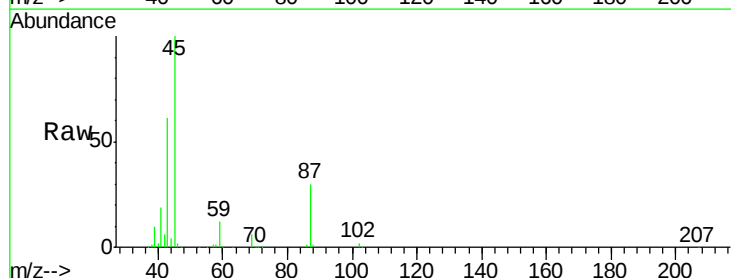
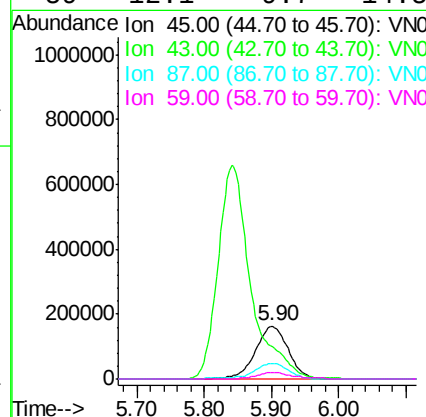
MMDadoda
5/19/2020 4:25:33 PM

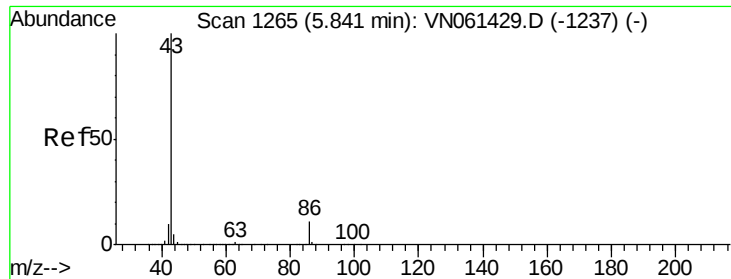


#22

Diisopropyl ether
Concen: 47.223 ug/l
RT: 5.90 min Scan# 1284
Delta R.T. 0.00 min
Lab File: VN061429.D
Acq: 18 May 2020 12:00

Tgt Ion	Ratio	Lower	Upper
45	100		
43	59.9	47.9	71.9
87	30.0	24.0	36.0
59	12.1	9.7	14.5





#23

Vinyl Acetate

Concen: 235.683 ug/l

RT: 5.84 min Scan# 1265

Delta R.T. 0.00 min

Lab File: VN061429.D

Acq: 18 May 2020 12:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 2245938

Ion Ratio Lower Upper

43 100

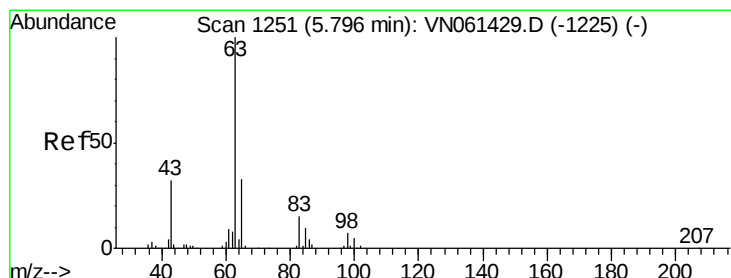
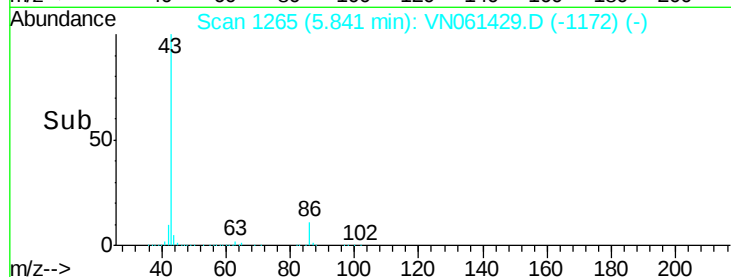
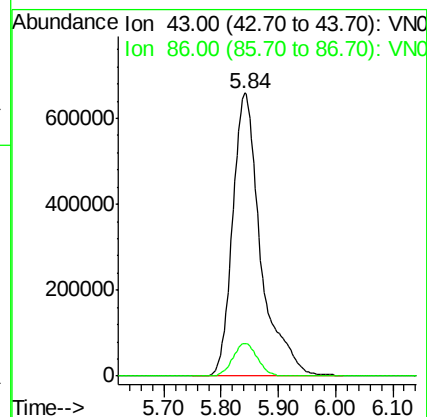
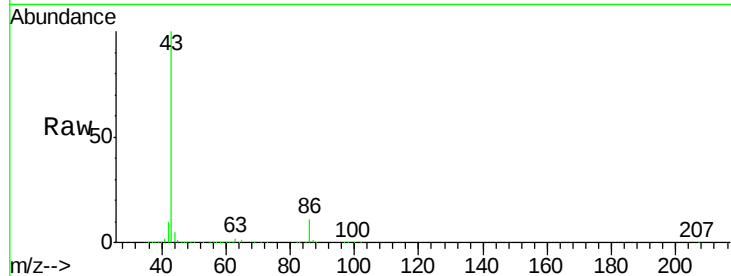
86 11.4 9.1 13.7

Manual Integrations

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MMDadoda

5/19/2020 4:25:33 PM



#24

1,1-Dichloroethane

Concen: 48.377 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VN061429.D

Acq: 18 May 2020 12:00

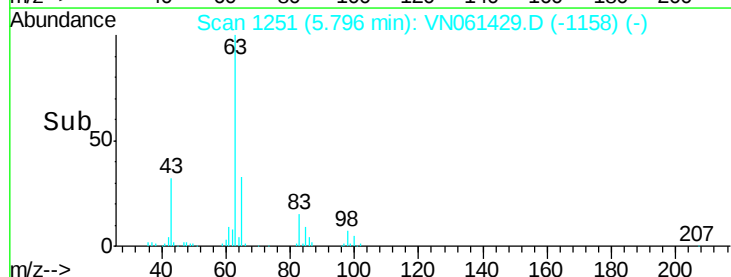
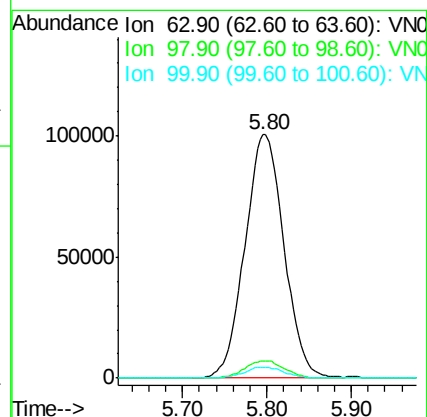
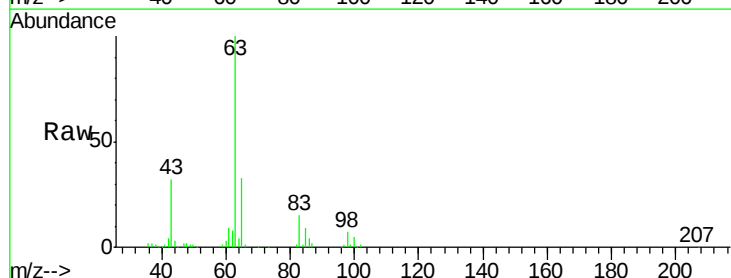
Tgt Ion: 63 Resp: 323455

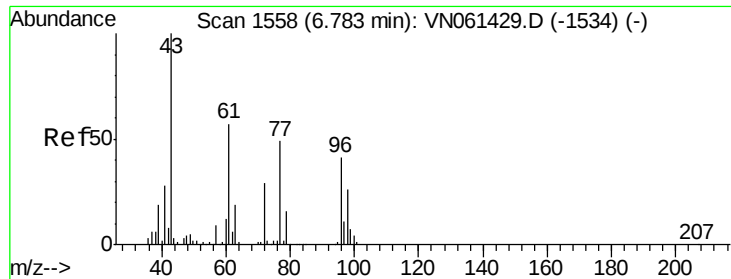
Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.5

100 4.6 2.3 6.9





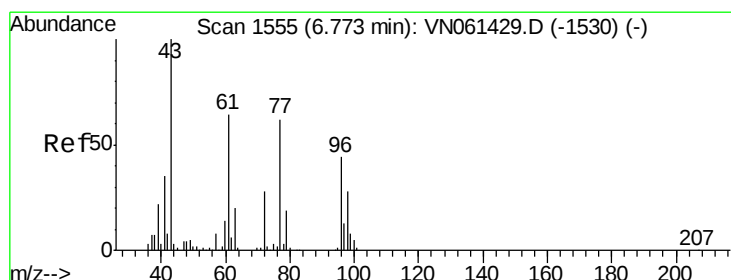
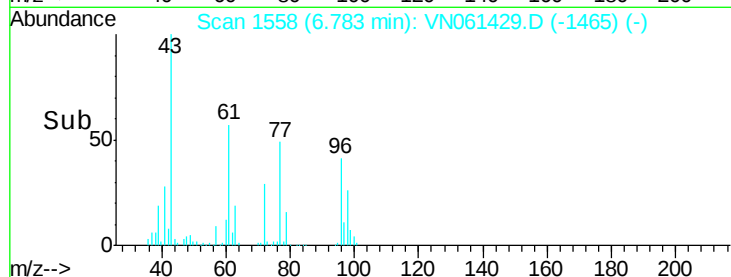
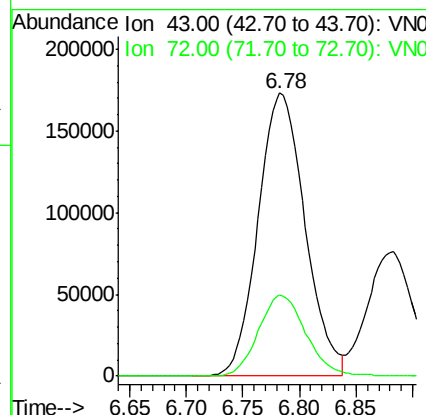
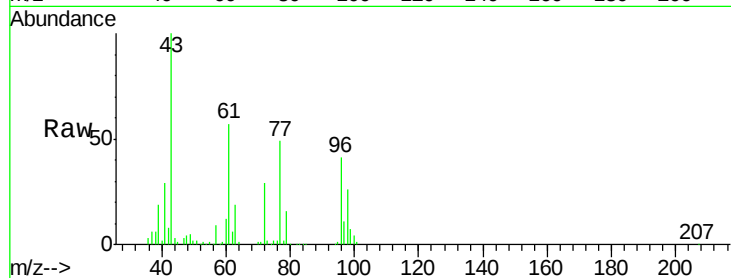
#25
2-Butanone
Concen: 264.363 ug/l
RT: 6.78 min Scan# 1558
Delta R.T. 0.00 min
Lab File: VN061429.D
Acq: 18 May 2020 12:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion: 43 Resp: 496423
Ion Ratio Lower Upper
43 100
72 28.8 23.0 34.6

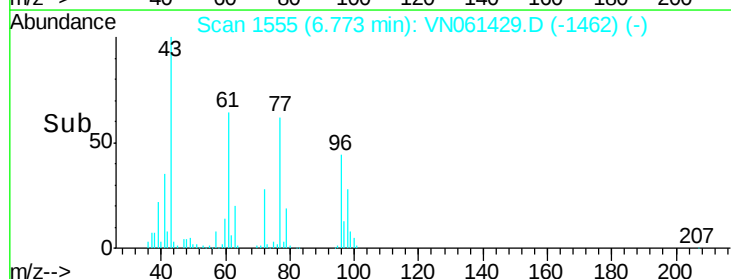
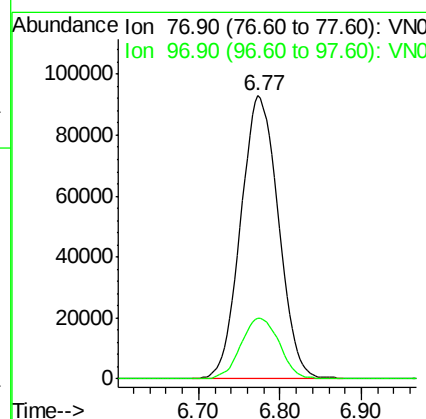
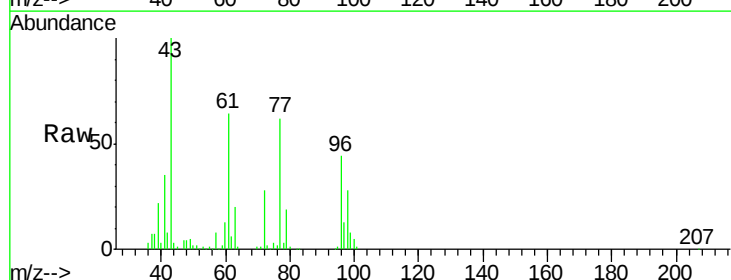
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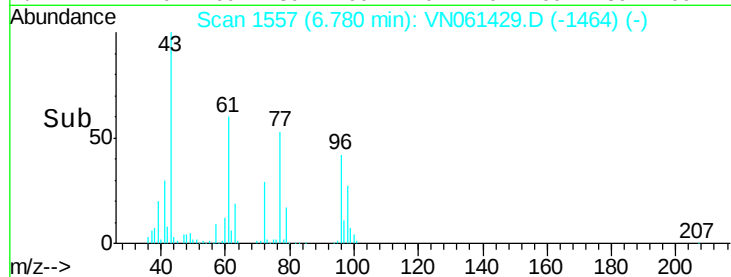
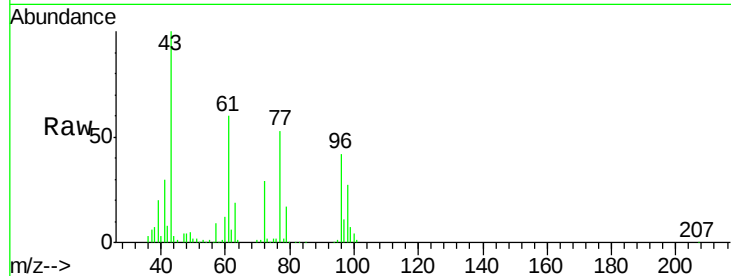
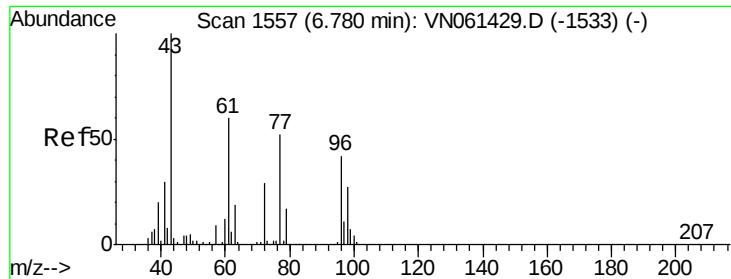
MMDadoda
5/19/2020 4:25:33 PM



#26
2,2-Dichloropropane
Concen: 52.071 ug/l
RT: 6.77 min Scan# 1555
Delta R.T. 0.00 min
Lab File: VN061429.D
Acq: 18 May 2020 12:00

Tgt Ion: 77 Resp: 298125
Ion Ratio Lower Upper
77 100
97 21.9 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 49.229 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. 0.00 min

Lab File: VN061429.D

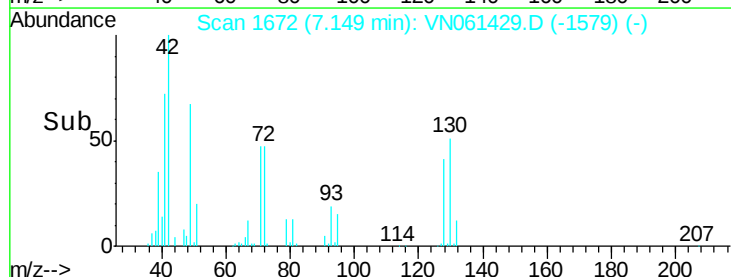
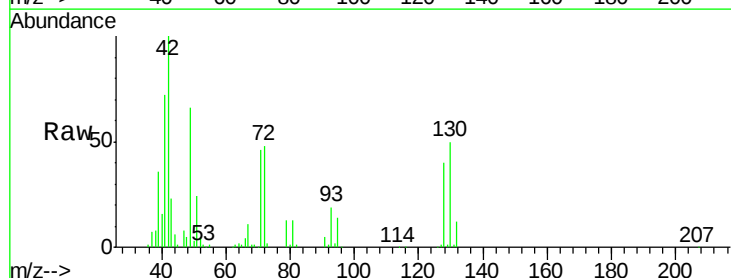
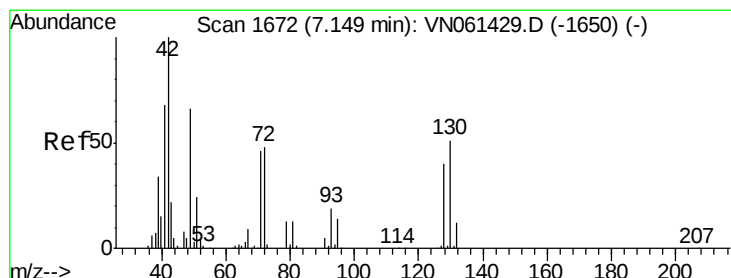
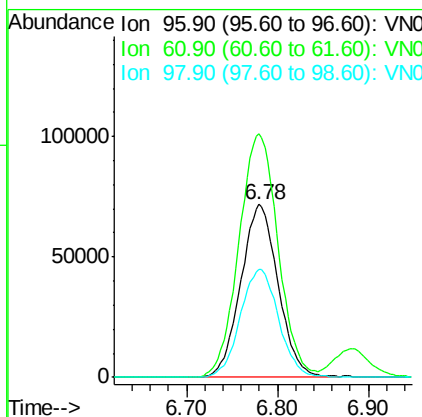
Acq: 18 May 2020 12:00

Tot Ion:	96	Resp:	205236
Ion	Ratio	Lower	Upper
96	100		
61	147.1	0.0	294.2
98	64.1	0.0	128.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

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#28

Bromochloromethane

Concen: 50.648 ug/l

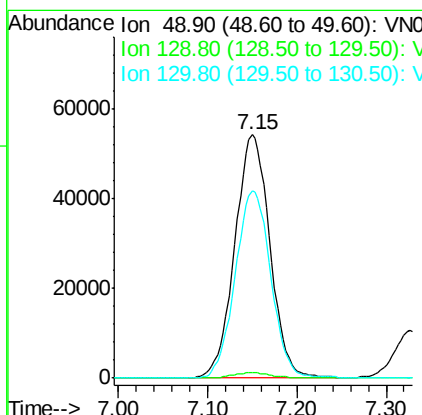
RT: 7.15 min Scan# 1672

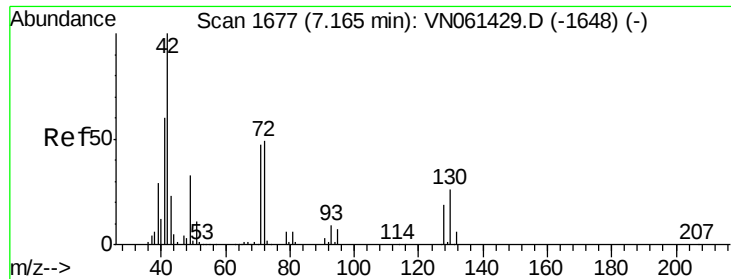
Delta R.T. 0.00 min

Lab File: VN061429.D

Acq: 18 May 2020 12:00

Tgt Ion:	49	Resp:	148698
Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.6
130	77.7	62.2	93.2





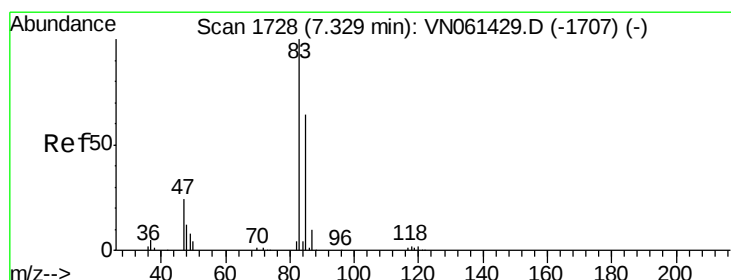
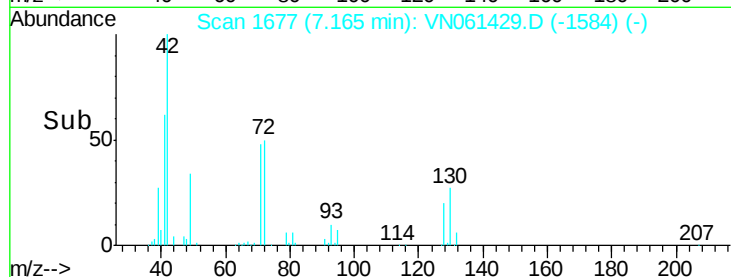
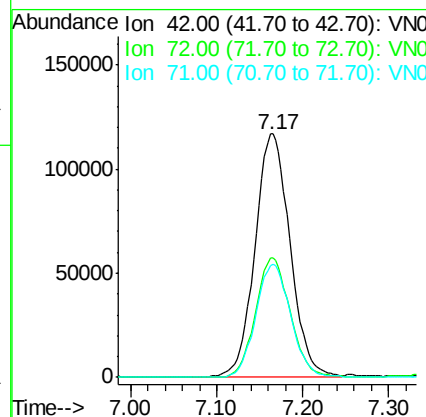
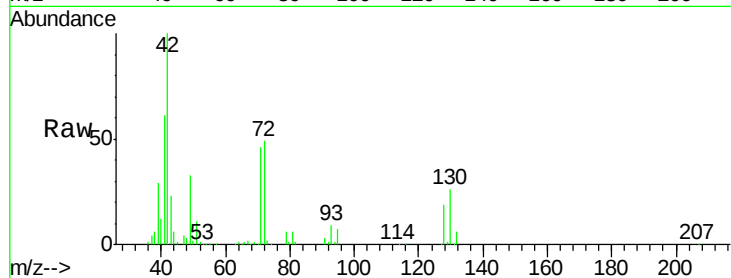
#29
Tetrahydrofuran
Concen: 259.848 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. 0.00 min
Lab File: VN061429.D
Acq: 18 May 2020 12:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.8	39.0	58.6
71	46.1	36.9	55.3

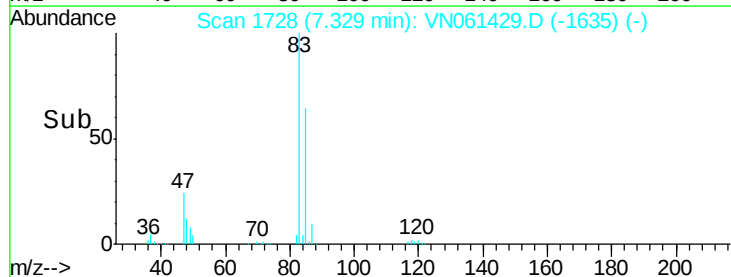
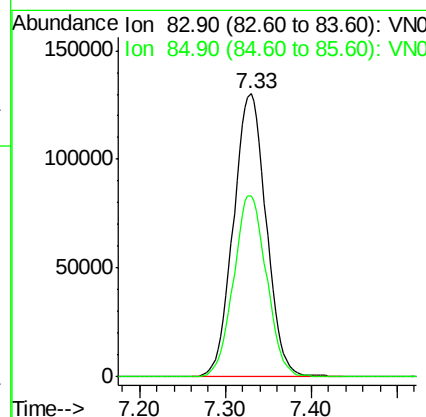
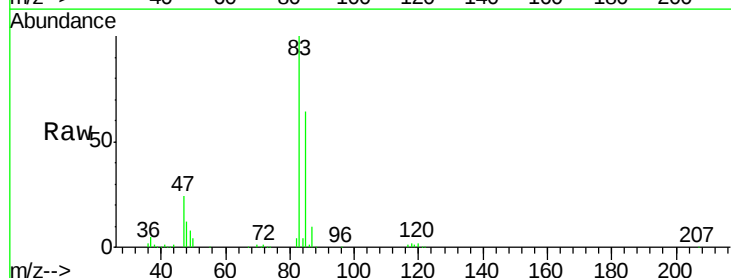
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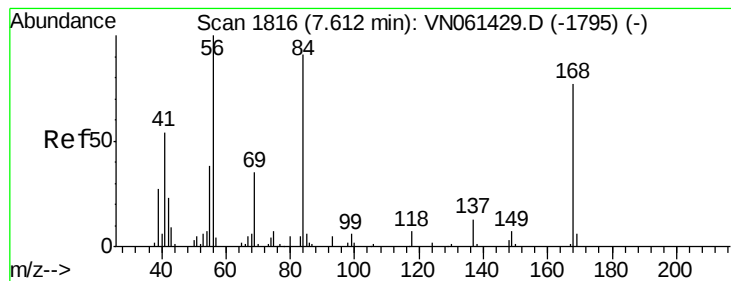
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#30
Chloroform
Concen: 49.139 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. 0.00 min
Lab File: VN061429.D
Acq: 18 May 2020 12:00

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.7	51.0	76.4





#31

Cyclohexane

Concen: 44.699 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VN061429.D

Acq: 18 May 2020 12:00

Instrument :

MSVOA_N

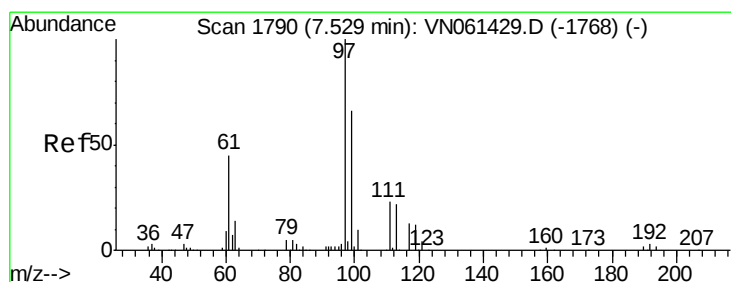
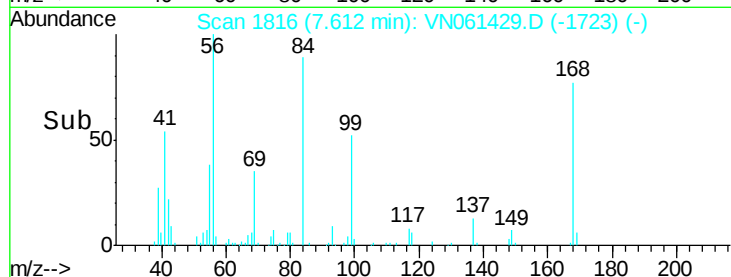
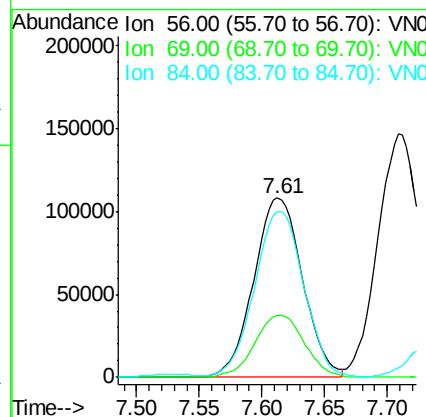
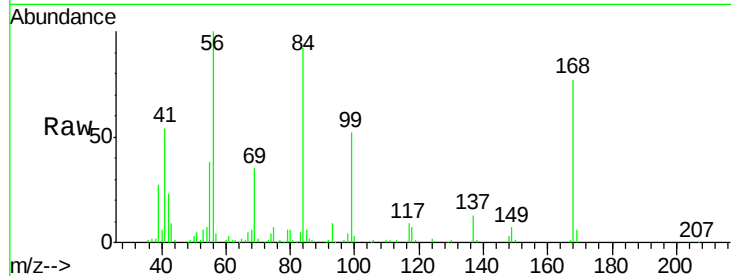
ClientSampled :

VSTDICCC050

Tot Ion:	56	Resp:	293385
Ion	Ratio	Lower	Upper
56	100		
69	34.7	27.8	41.6
84	90.9	72.7	109.1

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#32

1,1,1-Trichloroethane

Concen: 49.931 ug/l

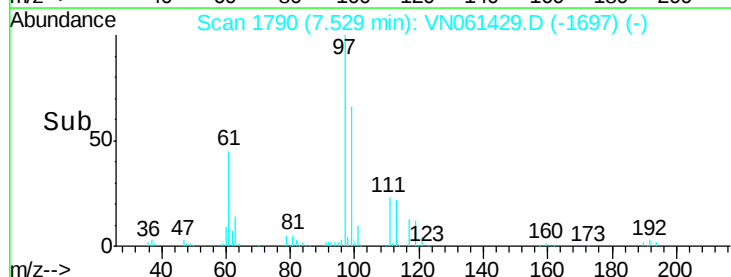
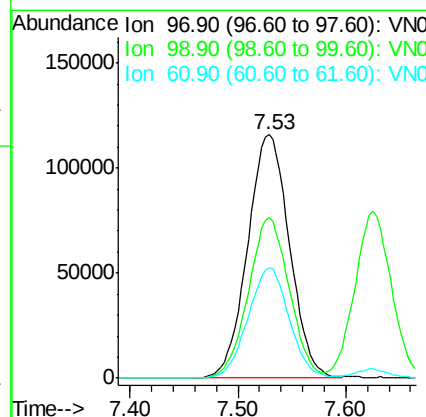
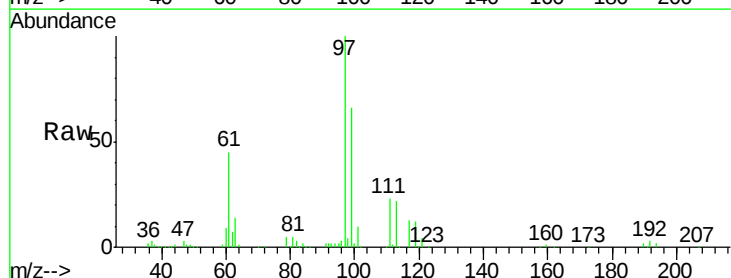
RT: 7.53 min Scan# 1790

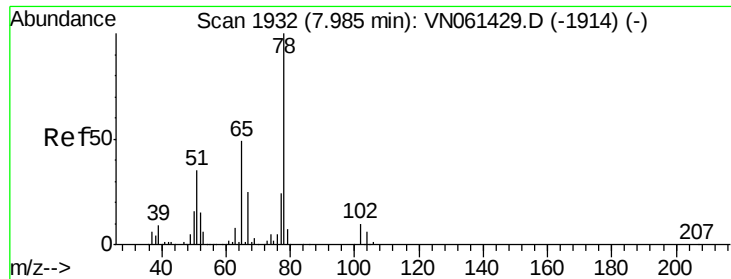
Delta R.T. 0.00 min

Lab File: VN061429.D

Acq: 18 May 2020 12:00

Tgt Ion:	97	Resp:	311886
Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.5	77.3
61	44.7	35.8	53.6





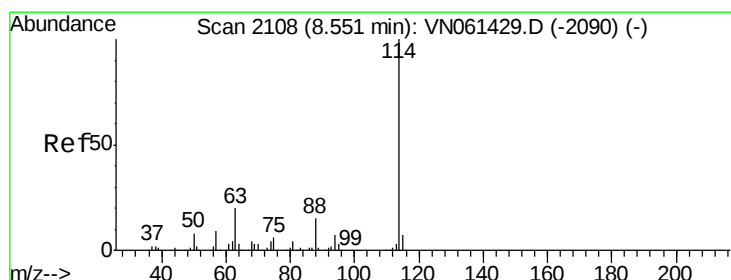
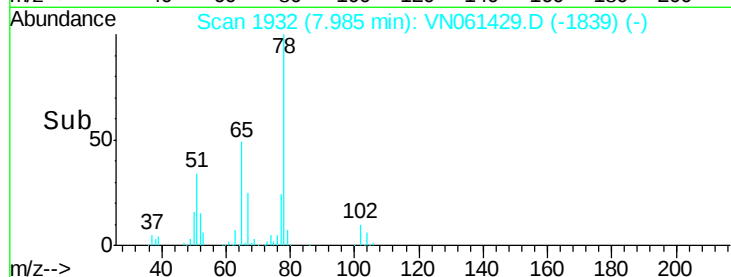
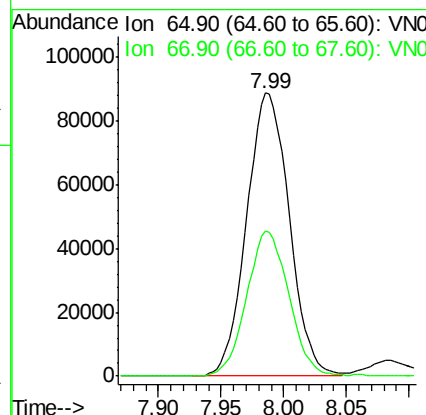
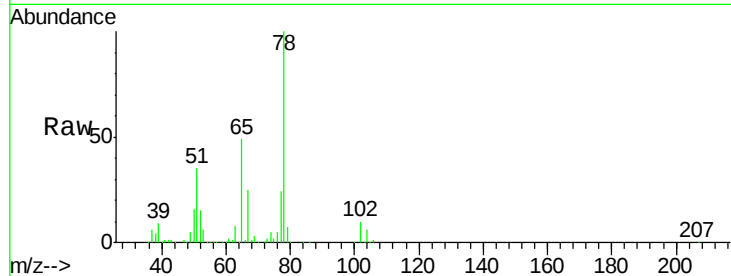
#33
 1,2-Dichloroethane-d4
 Concen: 46.767 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. 0.00 min
 Lab File: VN061429.D
 Acq: 18 May 2020 12:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	210170		
67	50.7	0.0	101.4	

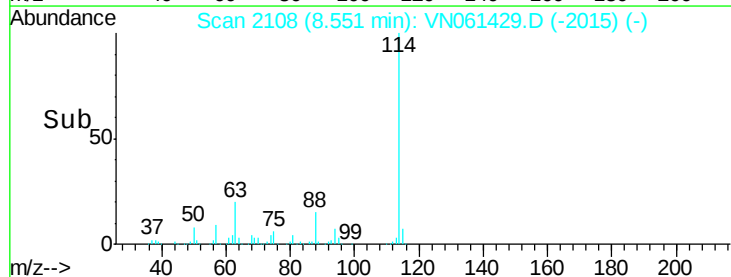
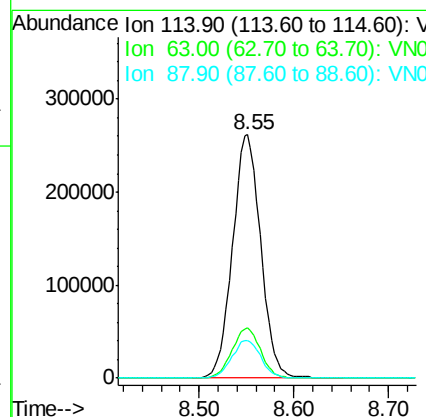
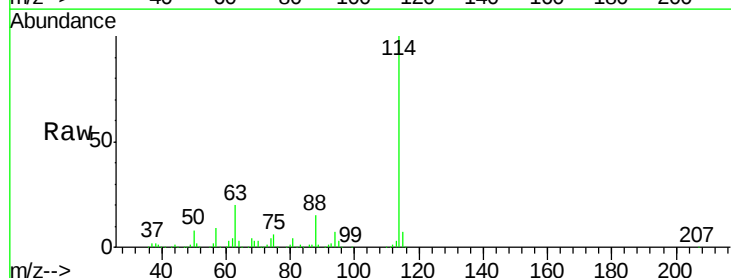
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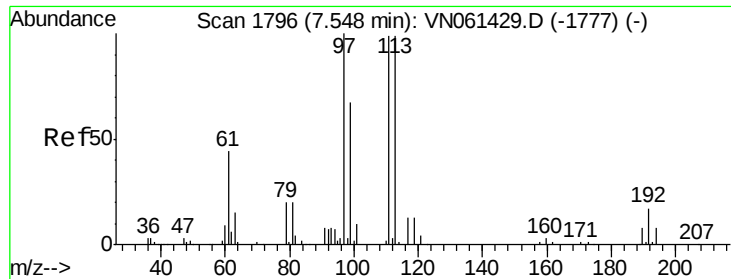
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 5/19/2020 4:25:33 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN061429.D
 Acq: 18 May 2020 12:00

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	539945		
63	20.4	0.0	40.8	
88	15.4	0.0	30.8	





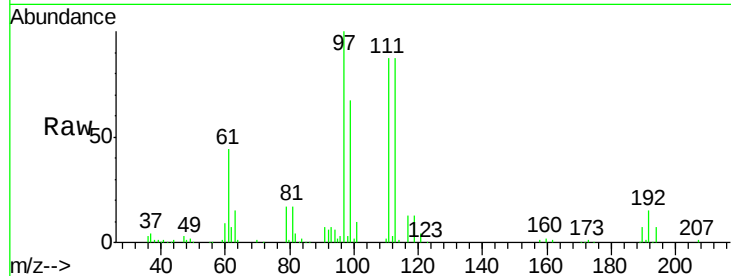
#35
 Dibromofluoromethane
 Concen: 50.053 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN061429.D
 Acq: 18 May 2020 12:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

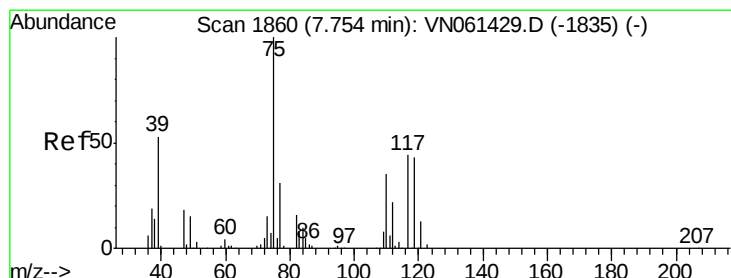
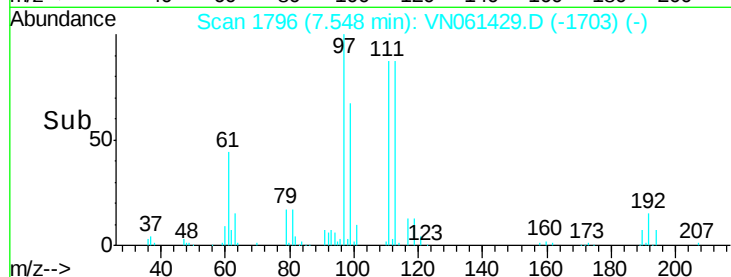
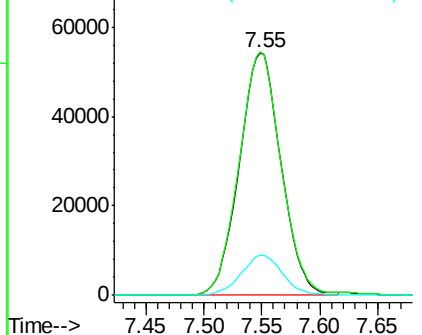
Tot Ion	Ratio	Resp	Lower	Upper
113	100	135789		
111	100.8	80.6	121.0	
192	16.5	13.2	19.8	

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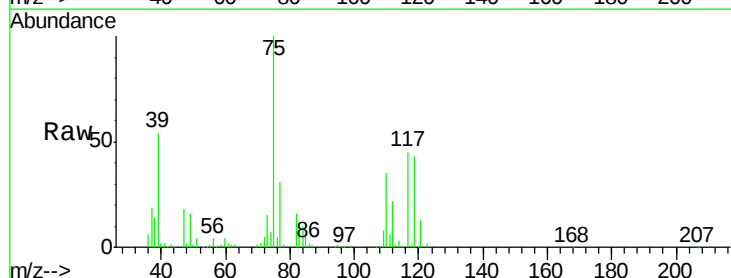


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

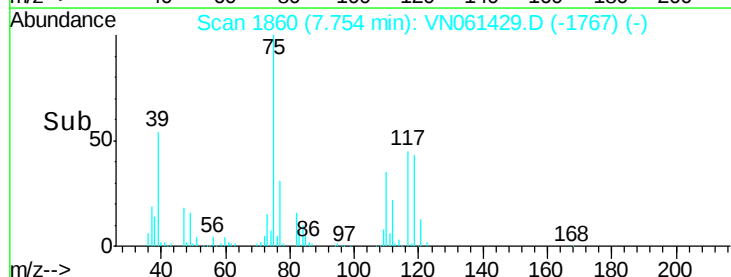
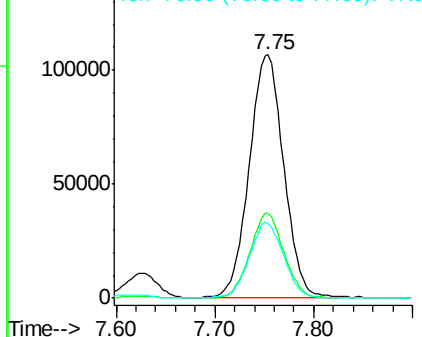


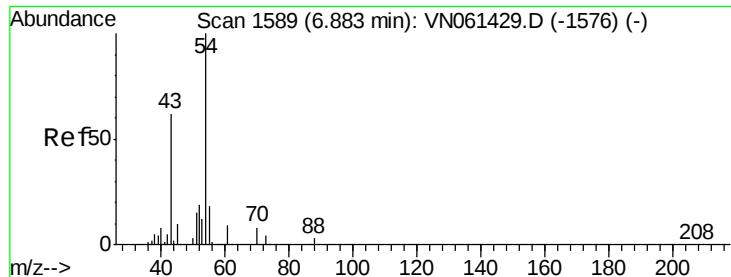
#36
 1,1-Dichloropropene
 Concen: 47.616 ug/l
 RT: 7.75 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VN061429.D
 Acq: 18 May 2020 12:00

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	256501		
110	34.6	17.3	51.9	
77	31.1	24.9	37.3	



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V





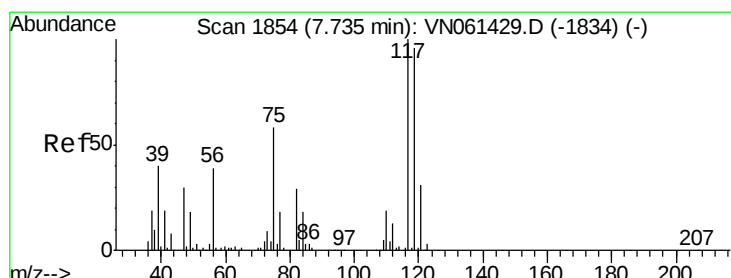
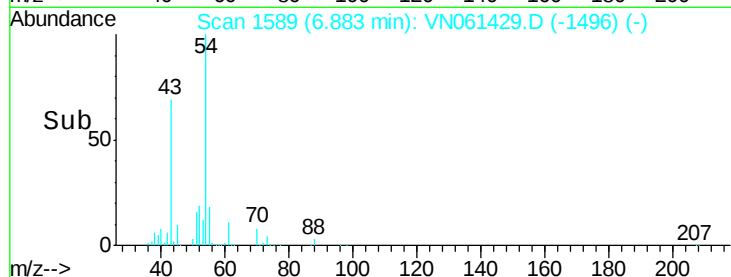
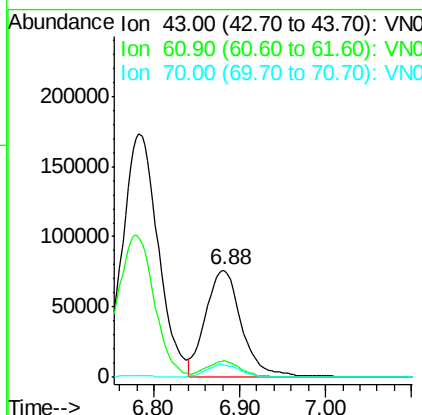
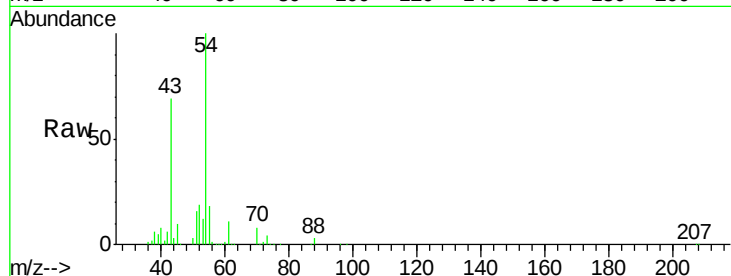
#37
Ethyl Acetate
Concen: 48.904 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. 0.00 min
Lab File: VN061429.D
Acq: 18 May 2020 12:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.6	11.7	17.5
70	11.5	9.2	13.8

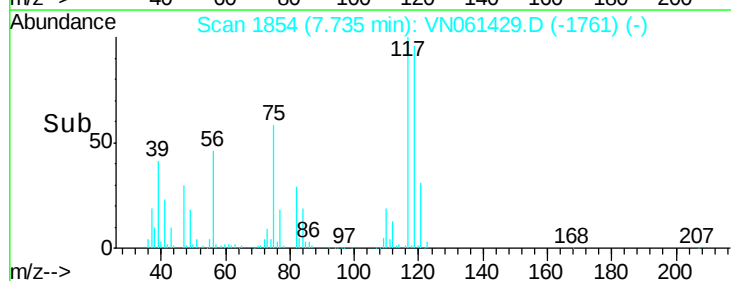
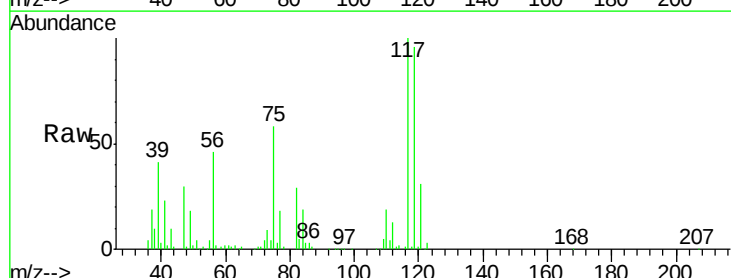
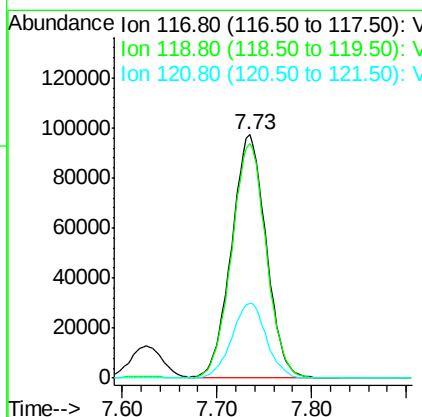
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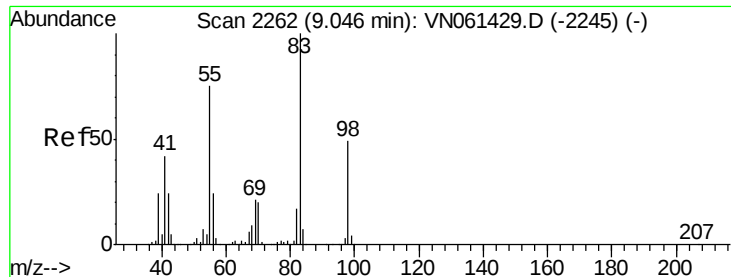
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#38
Carbon Tetrachloride
Concen: 53.272 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VN061429.D
Acq: 18 May 2020 12:00

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.3	77.0	115.6
121	30.9	24.7	37.1





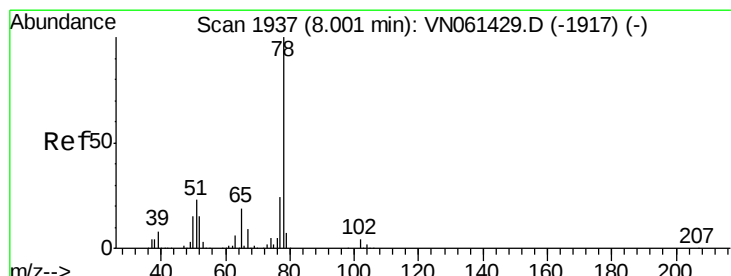
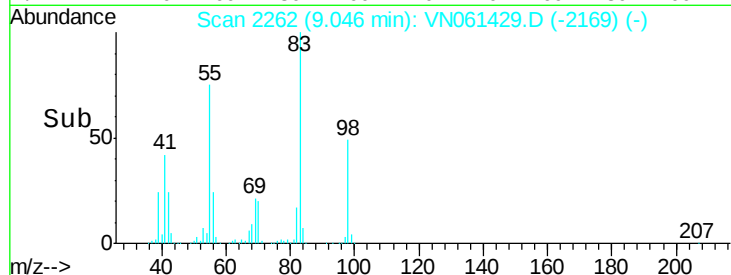
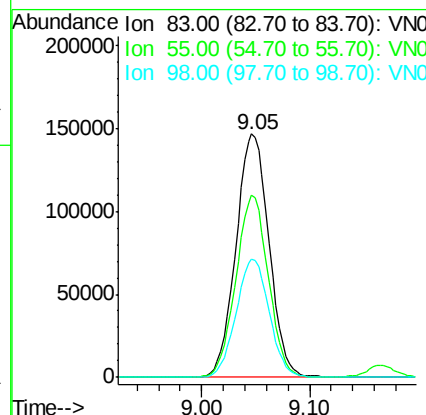
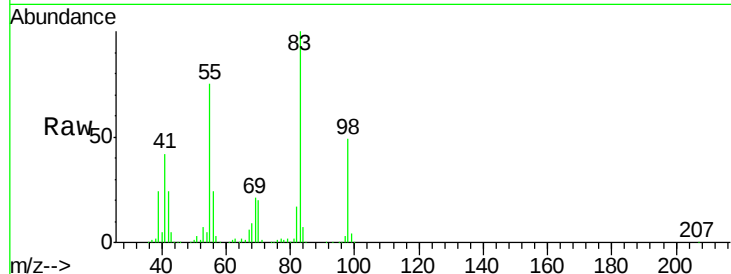
#39
Methvlcvclohexane
Concen: 48.898 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VN061429.D
Acq: 18 May 2020 12:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	313492		
55	74.6		59.7	89.5
98	48.6		38.9	58.3

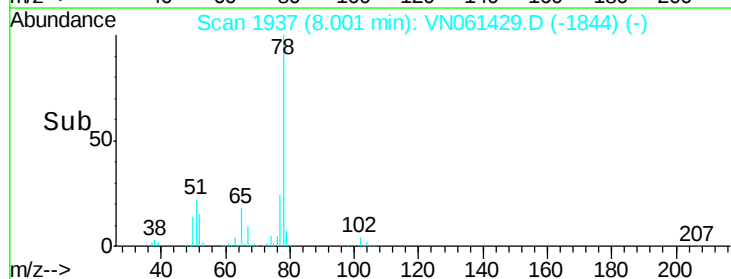
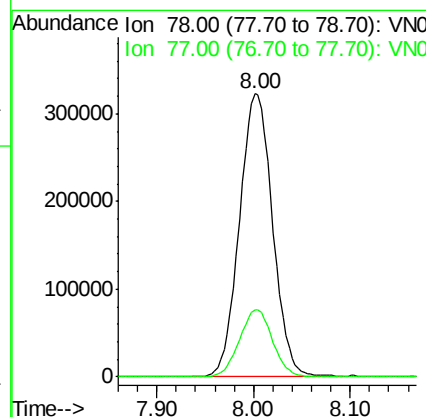
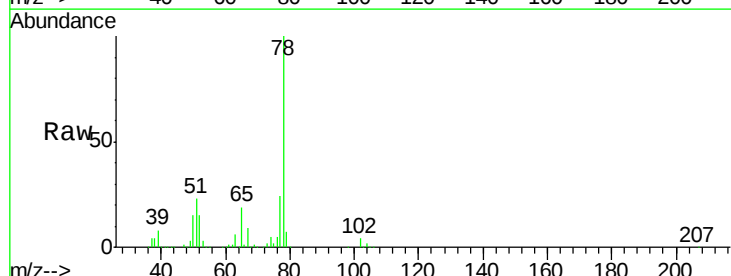
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#40
Benzene
Concen: 48.534 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VN061429.D
Acq: 18 May 2020 12:00

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	769489		
77	23.9		19.1	28.7





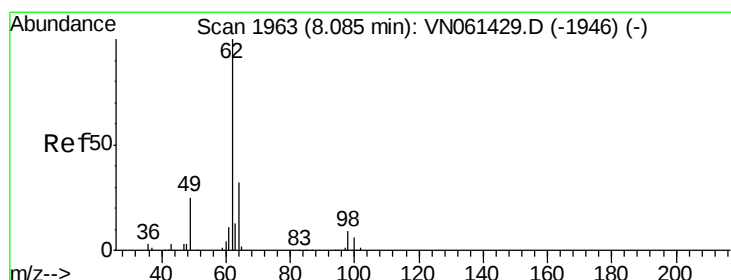
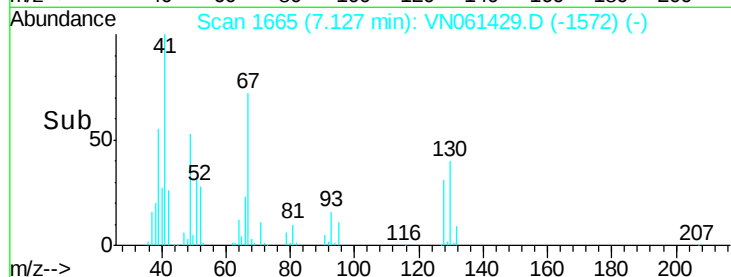
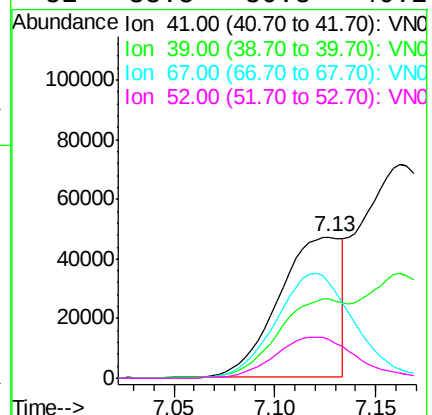
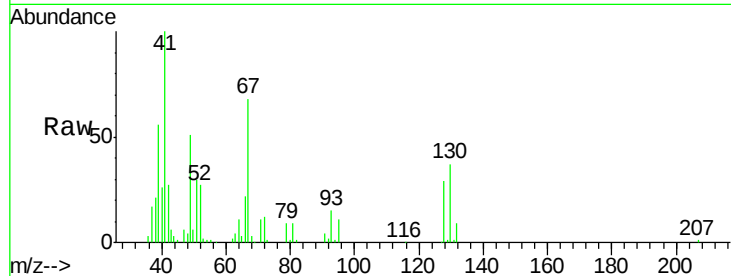
#41
Methacrylonitrile
Concen: 48.967 ug/l
RT: 7.13 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VN061429.D
Acq: 18 May 2020 12:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	60.4	48.3	72.5	
67	92.8	74.2	111.4	
52	38.5	30.8	46.2	

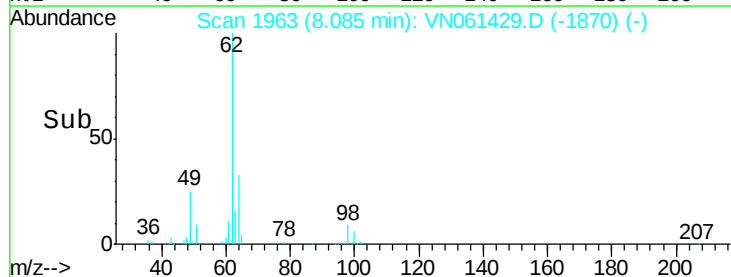
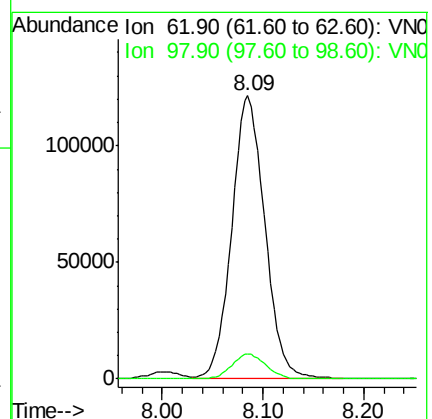
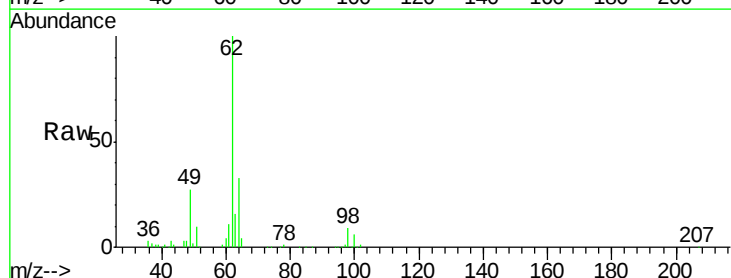
Manual Integrations
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5/19/2020 4:25:33 PM



#42
1,2-Dichloroethane
Concen: 48.329 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VN061429.D
Acq: 18 May 2020 12:00

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.2	0.0	18.4	





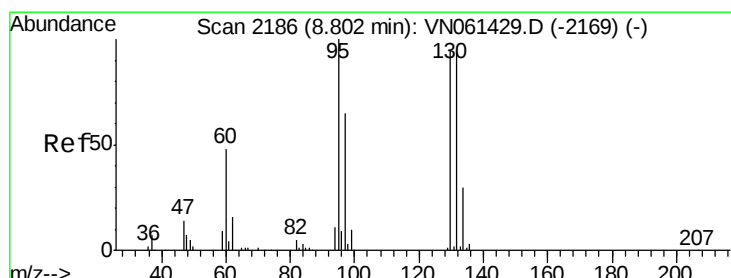
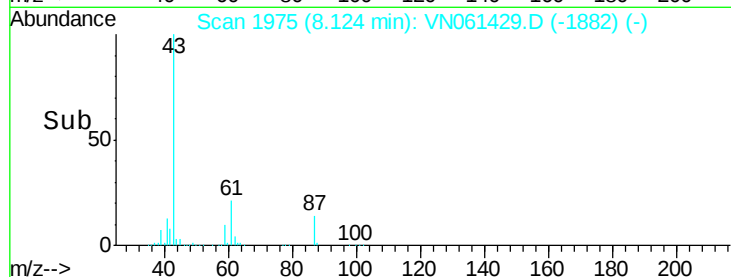
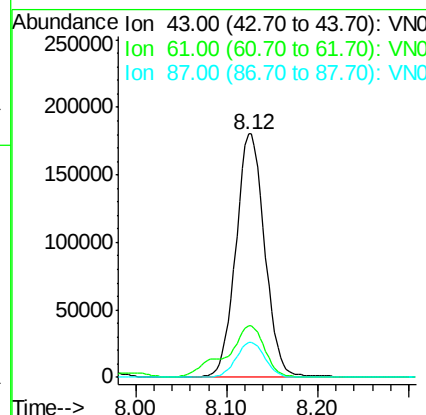
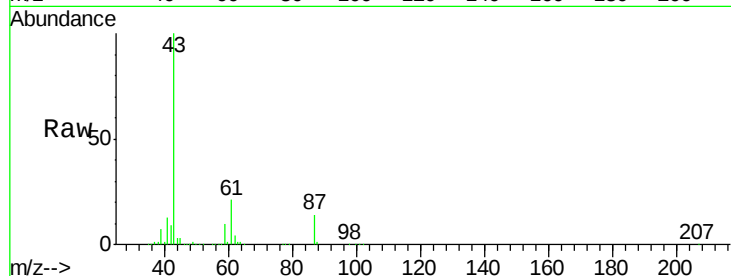
#43
Isopropyl Acetate
Concen: 45.822 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN061429.D
Acq: 18 May 2020 12:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	28.7	23.0	34.4
87	14.5	11.6	17.4

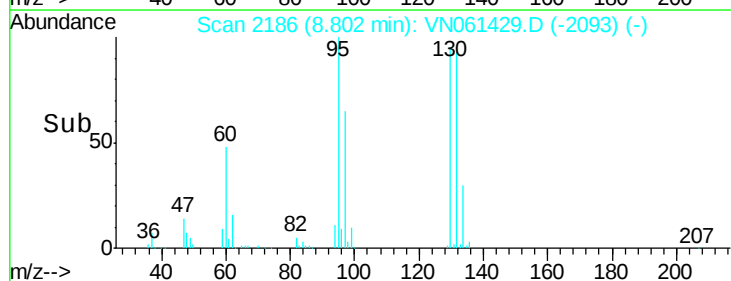
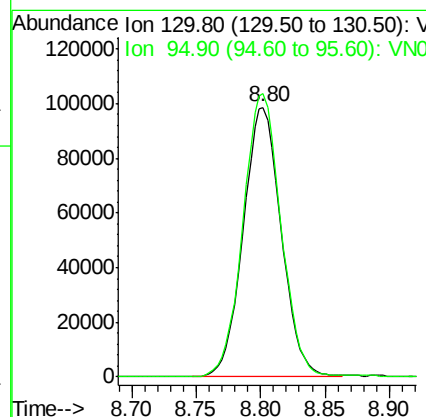
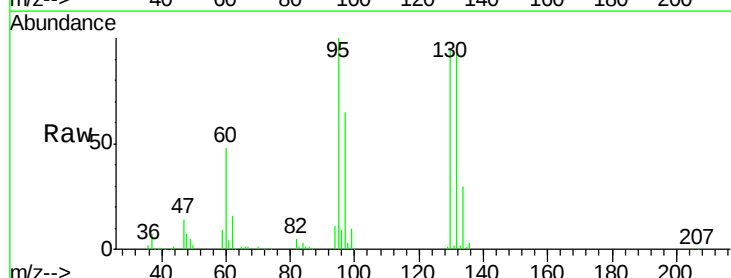
Manual Integrations
APPROVED

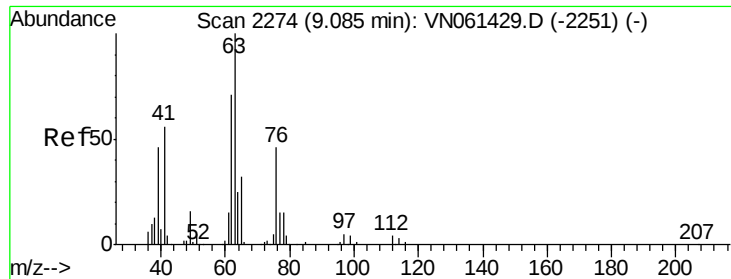
MMDadoda
5/19/2020 4:25:33 PM



#44
Trichloroethene
Concen: 49.425 ug/l
RT: 8.80 min Scan# 2186
Delta R.T. 0.00 min
Lab File: VN061429.D
Acq: 18 May 2020 12:00

Tgt Ion	Ratio	Lower	Upper
130	100		
95	104.9	0.0	209.8





#45

1,2-Dichloropropane

Concen: 48.568 ug/l

RT: 9.08 min Scan# 2274

Delta R.T. 0.00 min

Lab File: VN061429.D

Acq: 18 May 2020 12:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion: 63 Resp: 193973

Ion Ratio Lower Upper

63 100

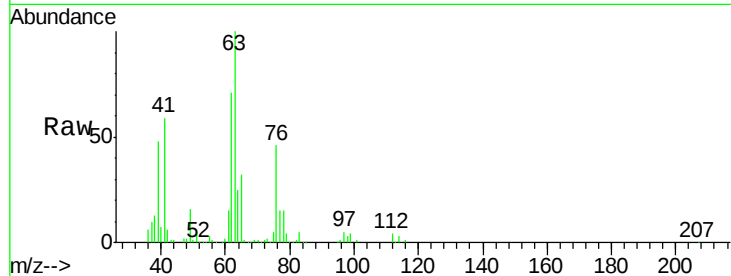
65 31.5 25.2 37.8

Manual Integrations

APPROVED

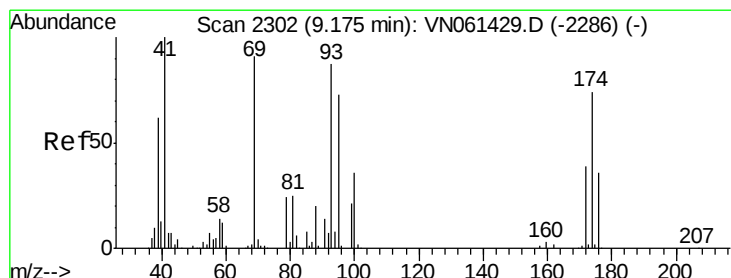
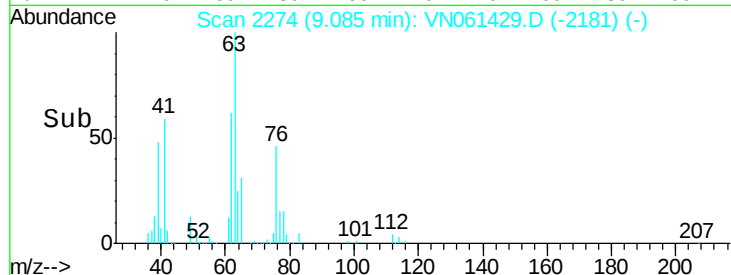
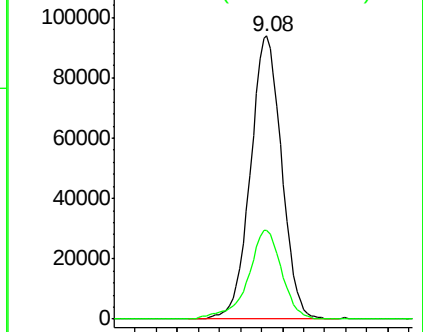
MMDadoda

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Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 50.076 ug/l

RT: 9.18 min Scan# 2302

Delta R.T. 0.00 min

Lab File: VN061429.D

Acq: 18 May 2020 12:00

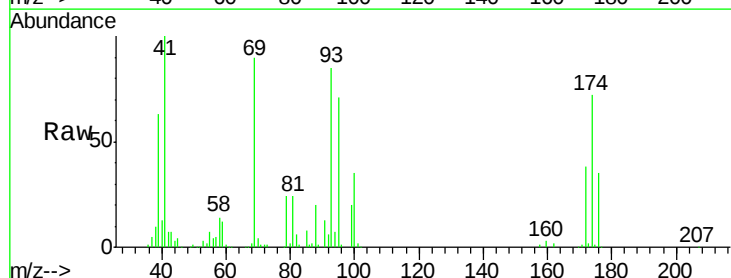
Tgt Ion: 93 Resp: 134488

Ion Ratio Lower Upper

93 100

95 82.0 65.6 98.4

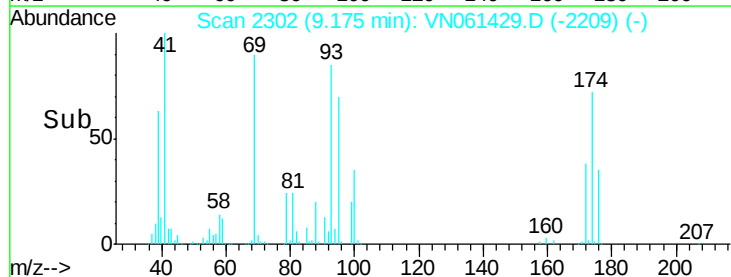
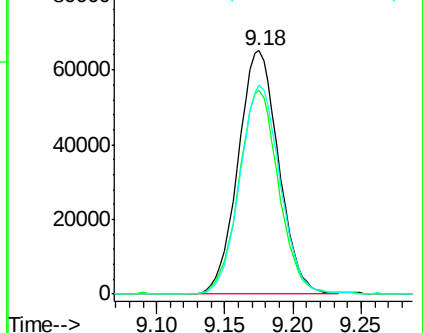
174 85.0 68.0 102.0

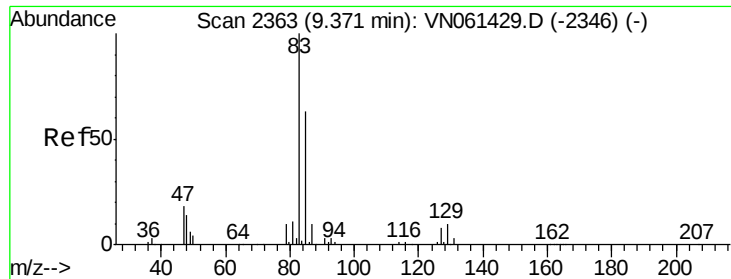


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





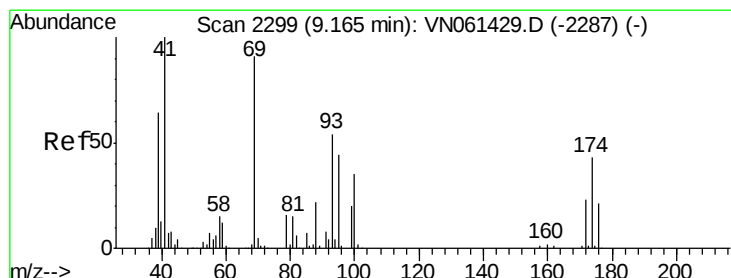
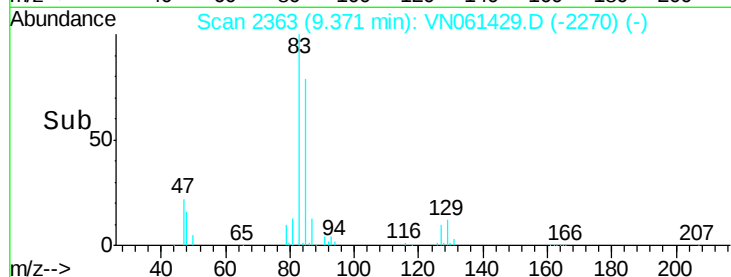
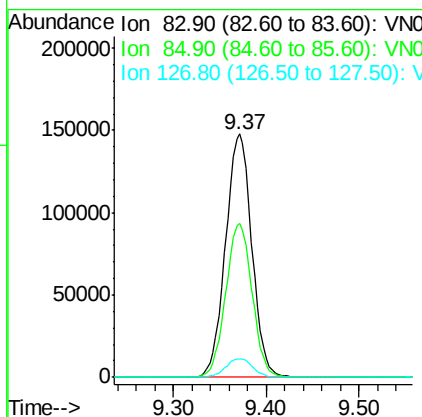
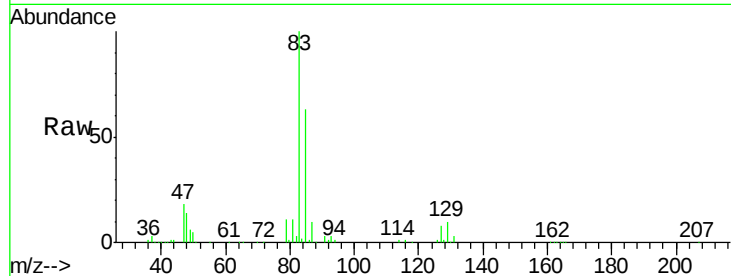
#47
Bromodichloromethane
Concen: 49.788 ug/l
RT: 9.37 min Scan# 2363
Delta R.T. 0.00 min
Lab File: VN061429.D
Acq: 18 May 2020 12:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	290292		
85	63.3		50.6	76.0
127	7.6		6.1	9.1

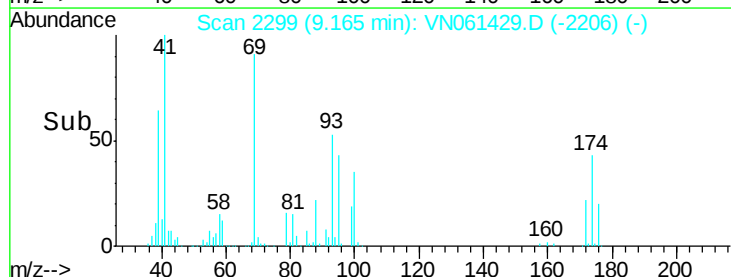
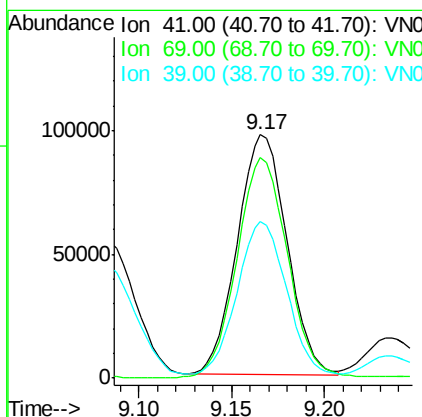
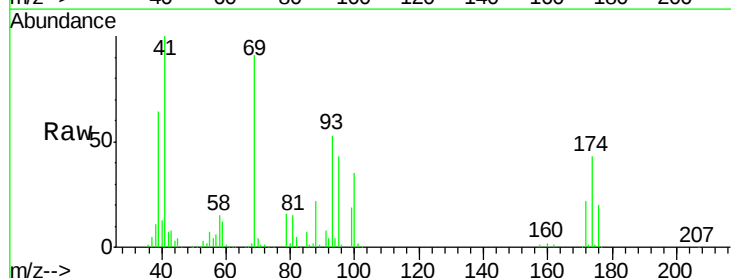
Manual Integrations
APPROVED

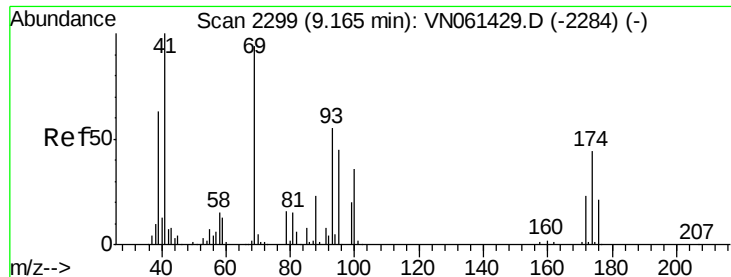
MMDadoda
5/19/2020 4:25:33 PM



#48
Methyl methacrylate
Concen: 46.251 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. 0.00 min
Lab File: VN061429.D
Acq: 18 May 2020 12:00

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	180717		
69	94.1		75.3	112.9
39	65.8		52.6	79.0





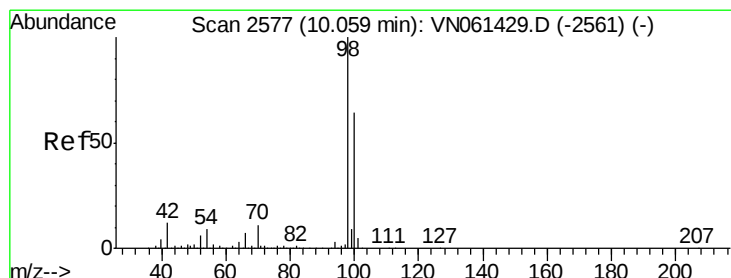
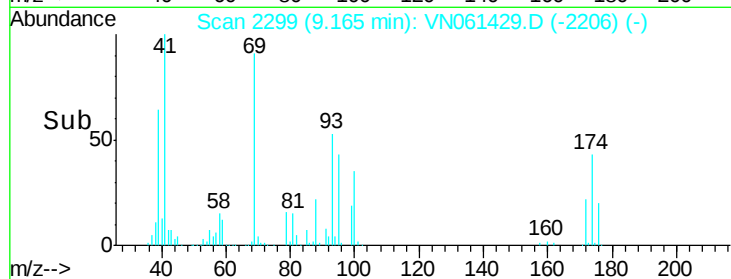
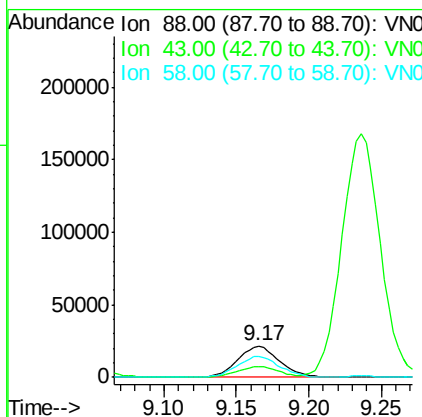
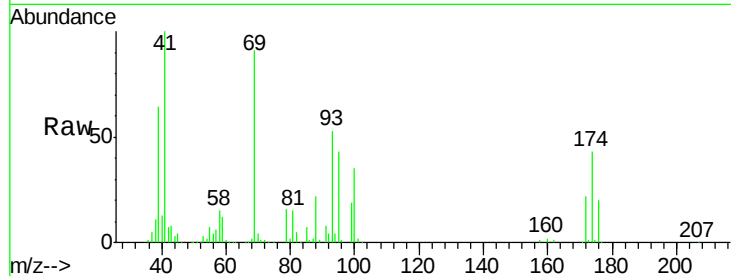
#49
1,4-Dioxane
Concen: 1706.574 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. 0.00 min
Lab File: VN061429.D
Acq: 18 May 2020 12:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	88	Resp	43251
Ion	Ratio	Lower	Upper
88	100		
43	32.9	26.3	39.5
58	67.6	54.1	81.1

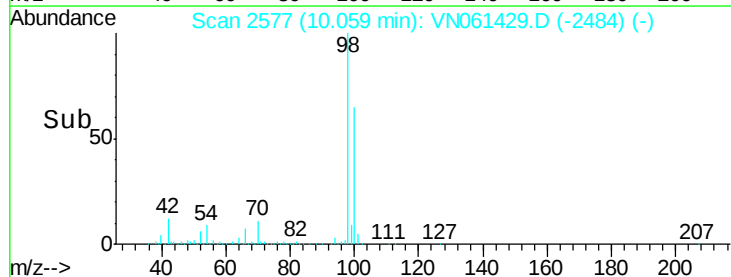
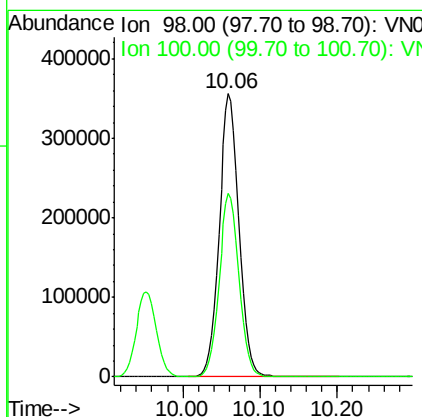
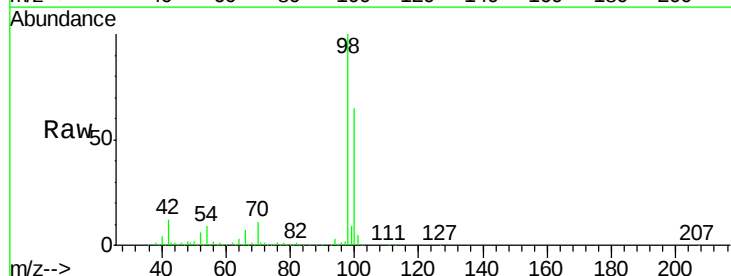
Manual Integrations
APPROVED

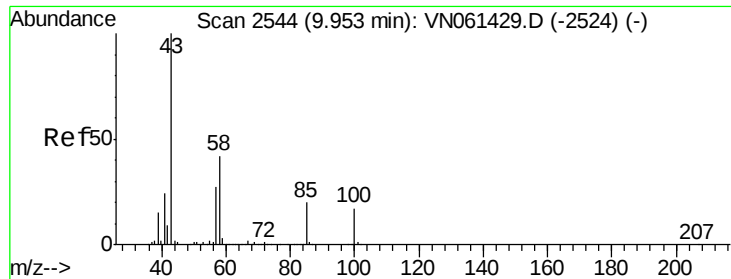
MMDadoda
5/19/2020 4:25:33 PM



#50
Toluene-d8
Concen: 47.340 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN061429.D
Acq: 18 May 2020 12:00

Tgt Ion	98	Resp	634318
Ion	Ratio	Lower	Upper
98	100		
100	64.8	51.8	77.8





#51

4-Methyl-2-Pentanone

Concen: 241.471 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. 0.00 min

Lab File: VN061429.D

Acq: 18 May 2020 12:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 1122728

Ion Ratio Lower Upper

43 100

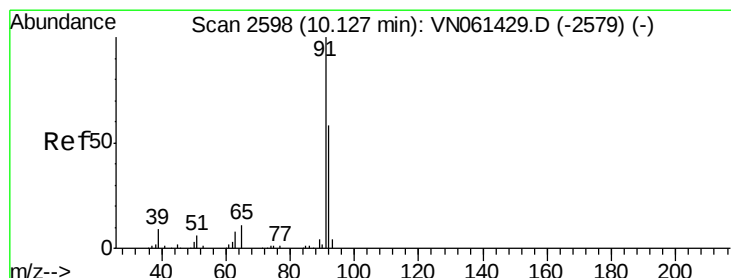
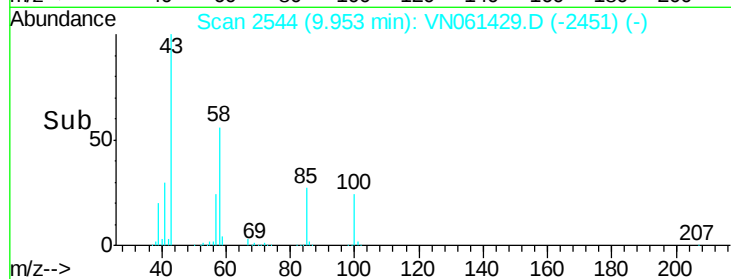
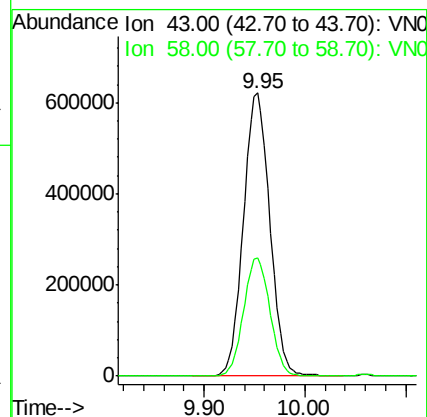
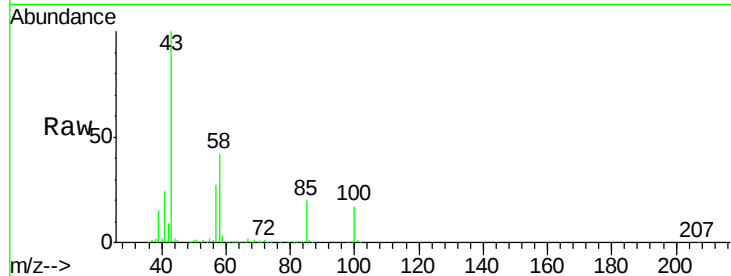
58 41.8 33.4 50.2

Manual Integrations

APPROVED

MMDadoda

5/19/2020 4:25:33 PM



#52

Toluene

Concen: 49.930 ug/l

RT: 10.13 min Scan# 2598

Delta R.T. 0.00 min

Lab File: VN061429.D

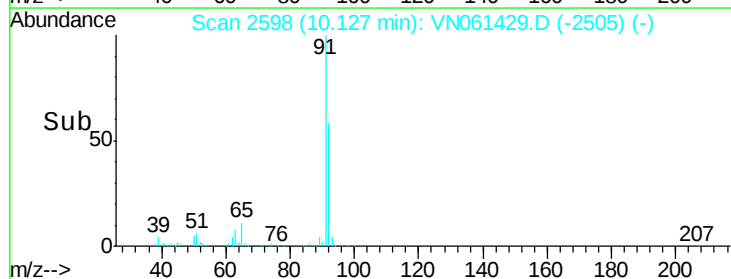
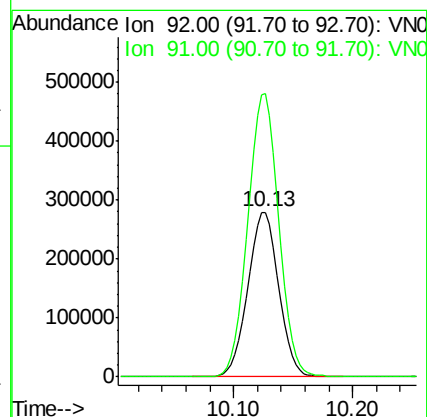
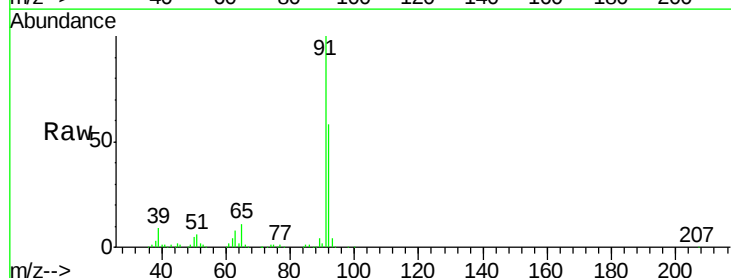
Acq: 18 May 2020 12:00

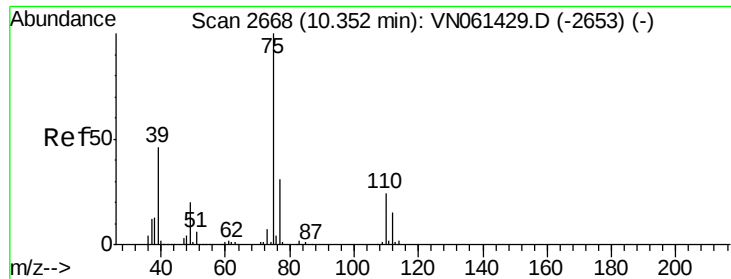
Tgt Ion: 92 Resp: 502491

Ion Ratio Lower Upper

92 100

91 172.5 138.0 207.0





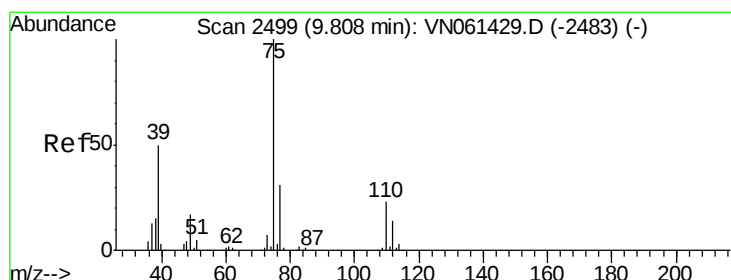
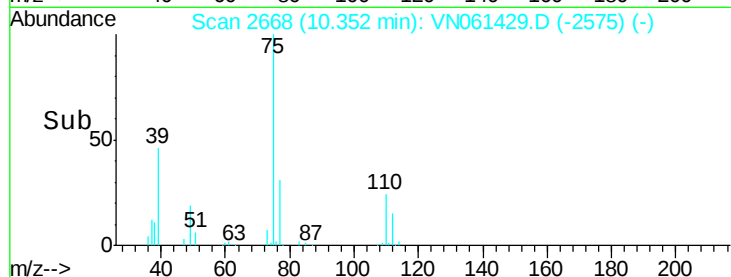
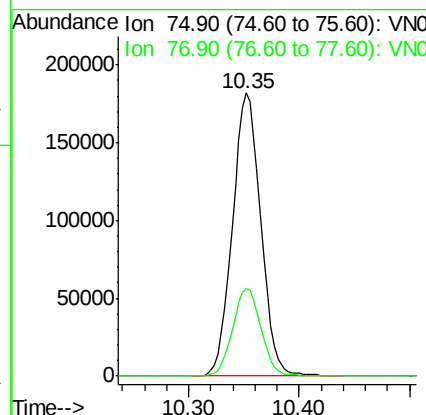
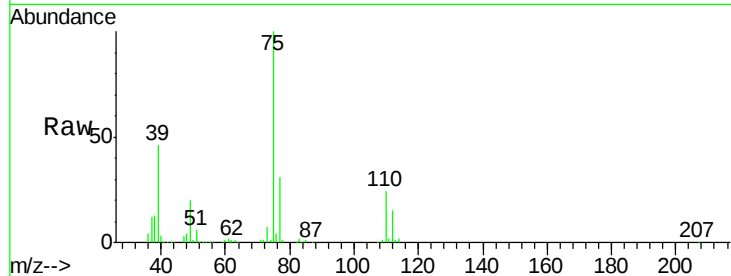
#53
t-1,3-Dichloropropene
Concen: 50.662 ug/l
RT: 10.35 min Scan# 2668
Delta R.T. 0.00 min
Lab File: VN061429.D
Acq: 18 May 2020 12:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion: 75 Resp: 323028
Ion Ratio Lower Upper
75 100
77 31.0 24.8 37.2

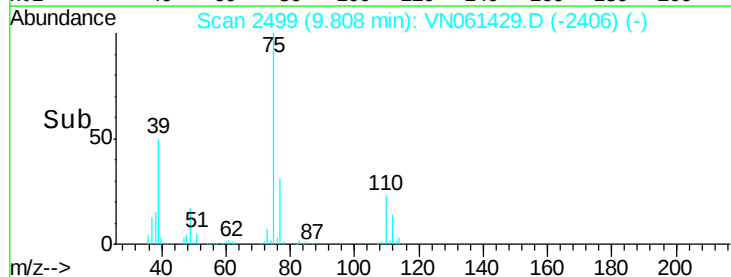
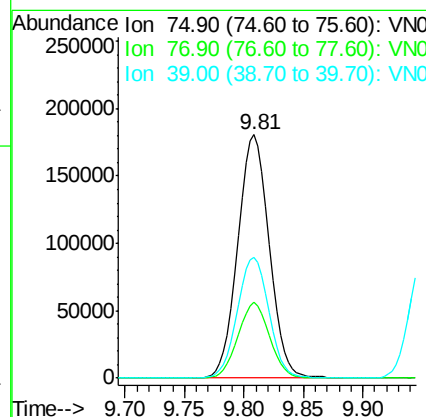
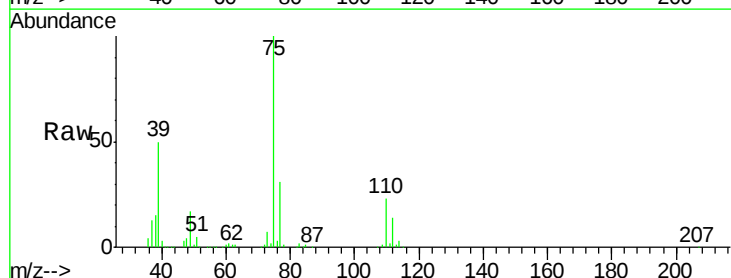
Manual Integrations
APPROVED

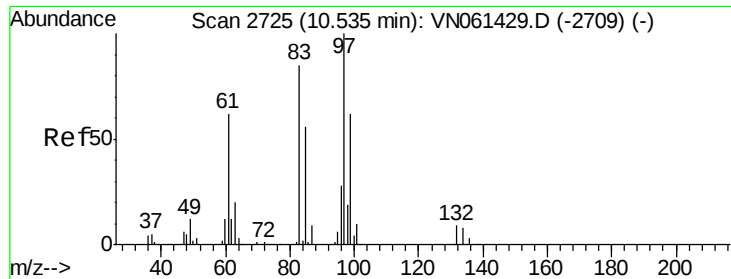
MMDadoda
5/19/2020 4:25:33 PM



#54
cis-1,3-Dichloropropene
Concen: 49.333 ug/l
RT: 9.81 min Scan# 2499
Delta R.T. 0.00 min
Lab File: VN061429.D
Acq: 18 May 2020 12:00

Tgt Ion: 75 Resp: 331768
Ion Ratio Lower Upper
75 100
77 31.0 24.8 37.2
39 49.7 39.8 59.6





#55

1,1,2-Trichloroethane

Concen: 51.246 ug/l

RT: 10.54 min Scan# 2725

Delta R.T. 0.00 min

Lab File: VN061429.D

Acq: 18 May 2020 12:00

Instrument :

MSVOA_N

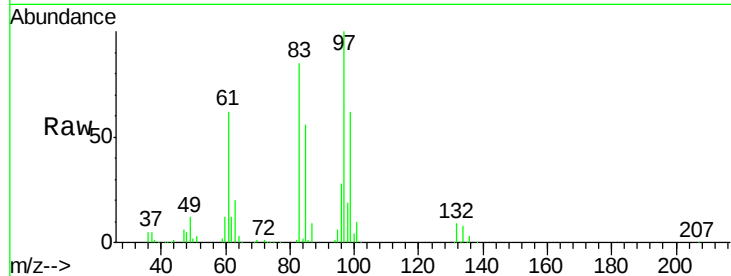
ClientSampleId :

VSTDICCC050

Tot Ion:	97	Resp:	191882
Ion	Ratio	Lower	Upper
97	100		
83	85.3	68.2	102.4
85	55.8	44.6	67.0
99	61.9	49.5	74.3

Manual Integrations
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MMDadoda
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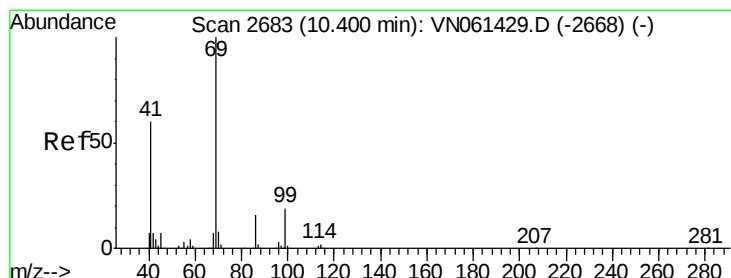
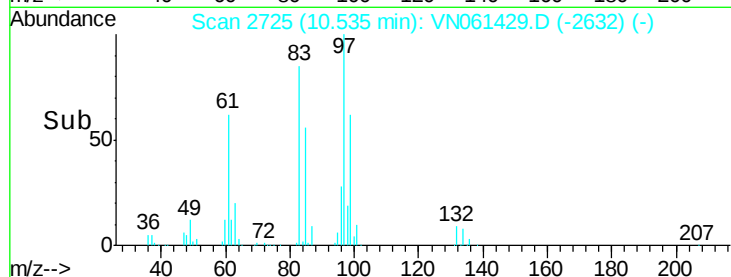
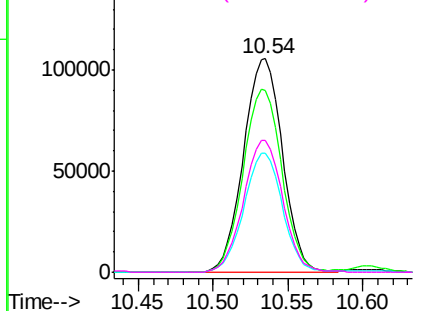
Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 49.481 ug/l

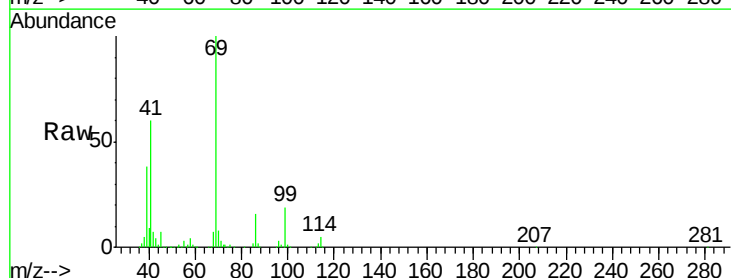
RT: 10.40 min Scan# 2683

Delta R.T. 0.00 min

Lab File: VN061429.D

Acq: 18 May 2020 12:00

Tgt Ion:	69	Resp:	302934
Ion	Ratio	Lower	Upper
69	100		
41	60.4	48.3	72.5
39	37.7	30.2	45.2

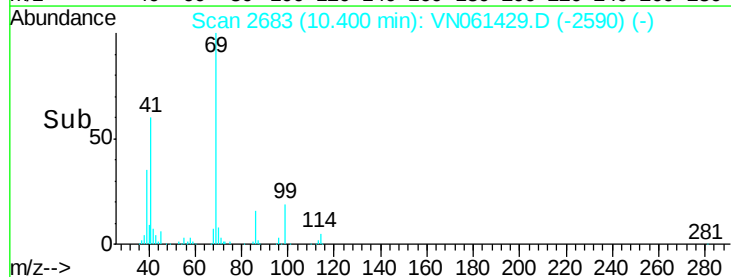
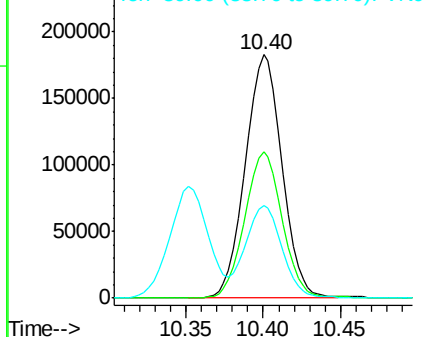


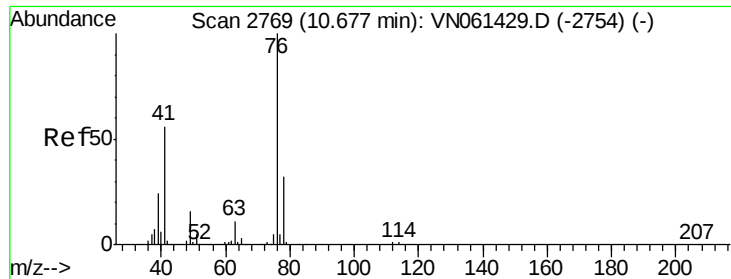
Abundance

Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





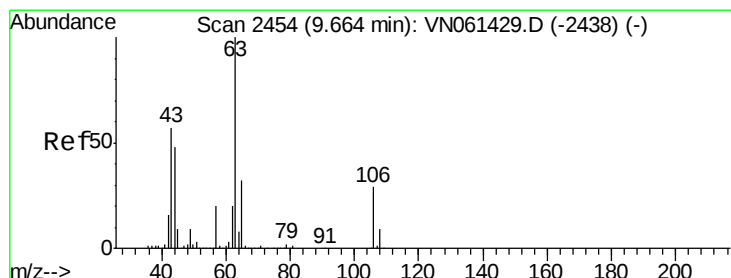
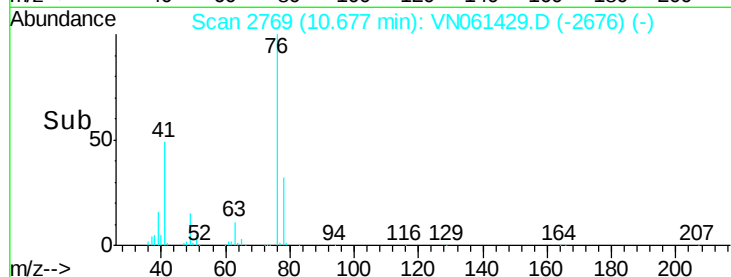
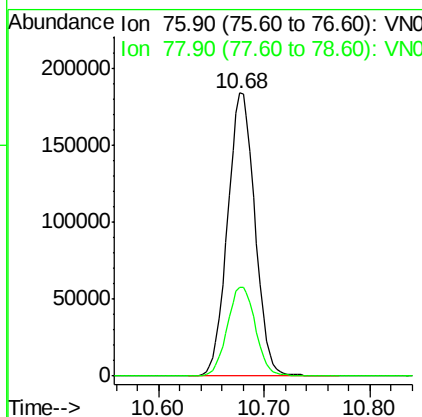
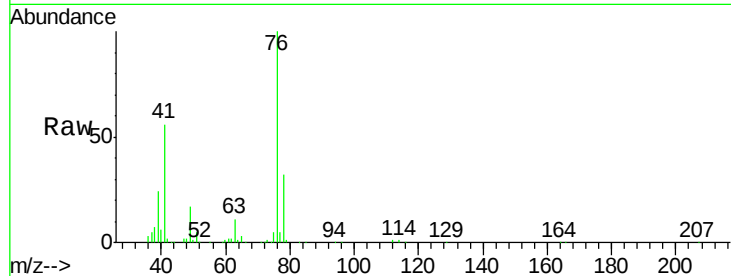
#57
 1,3-Dichloropropane
 Concen: 50.566 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. 0.00 min
 Lab File: VN061429.D
 Acq: 18 May 2020 12:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.5	26.0	39.0

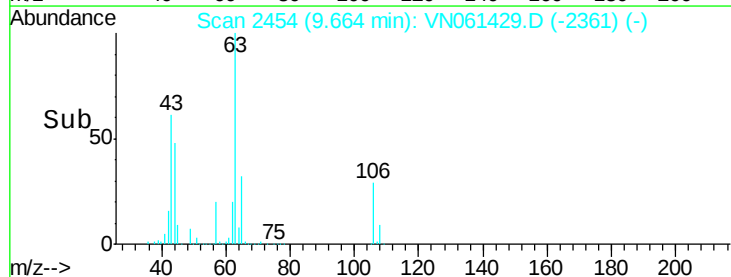
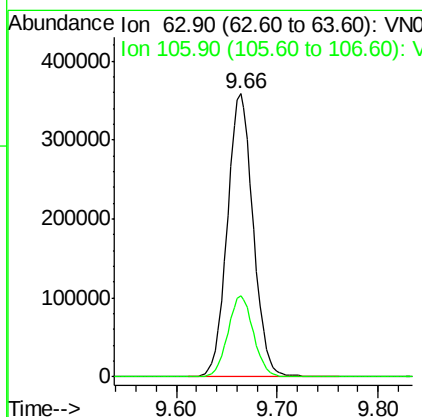
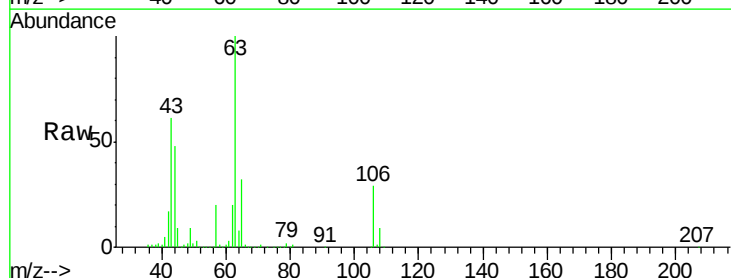
Manual Integrations
 APPROVED

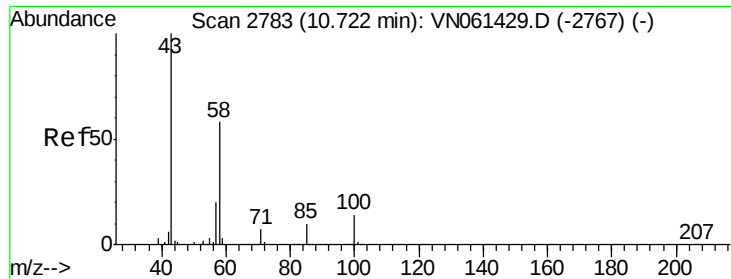
MMDadoda
 5/19/2020 4:25:33 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 247.940 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN061429.D
 Acq: 18 May 2020 12:00

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.4	22.7	34.1





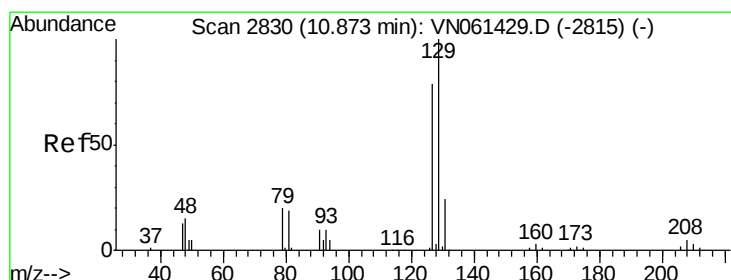
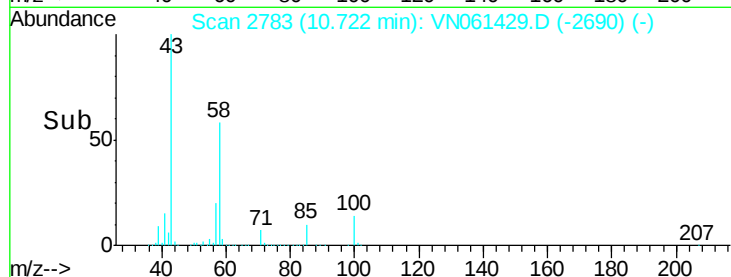
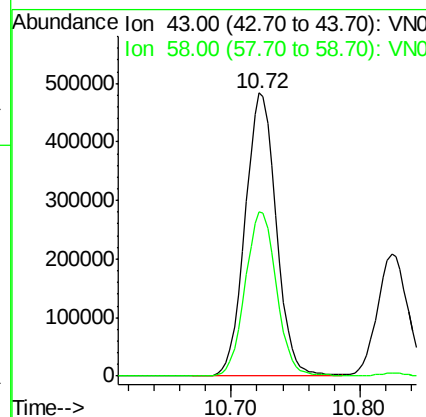
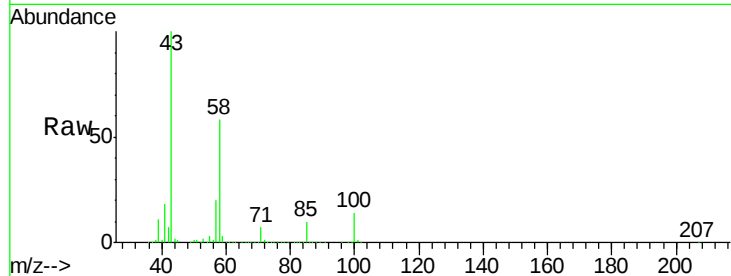
#59
2-Hexanone
Concen: 254.916 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VN061429.D
Acq: 18 May 2020 12:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion: 43 Resp: 811930
Ion Ratio Lower Upper
43 100
58 58.4 29.2 87.6

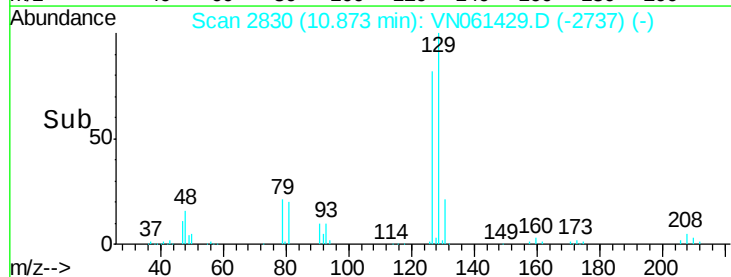
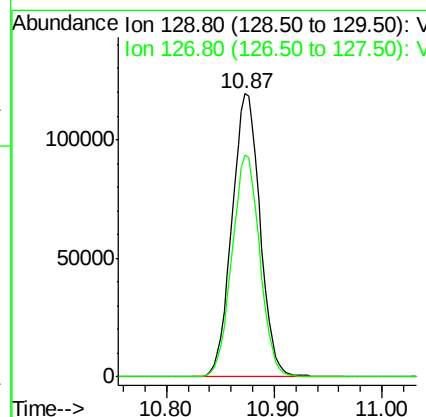
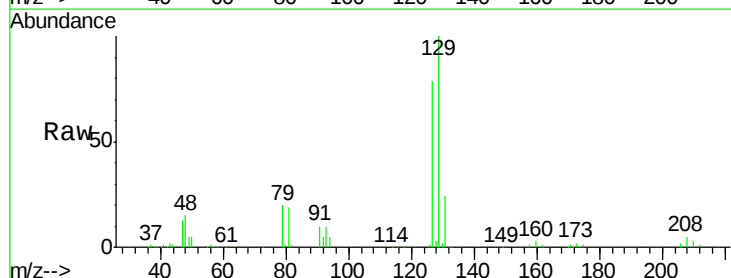
Manual Integrations
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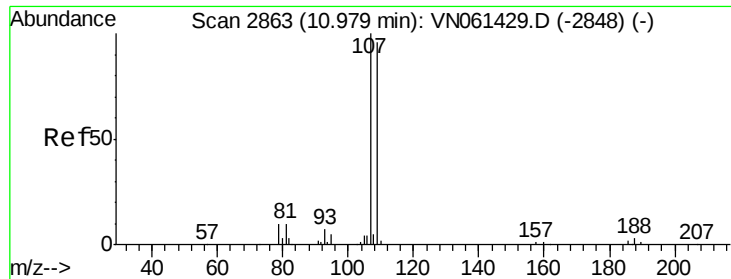
MMDadoda
5/19/2020 4:25:33 PM



#60
Dibromochloromethane
Concen: 52.204 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. 0.00 min
Lab File: VN061429.D
Acq: 18 May 2020 12:00

Tgt Ion: 129 Resp: 217320
Ion Ratio Lower Upper
129 100
127 77.5 38.8 116.3





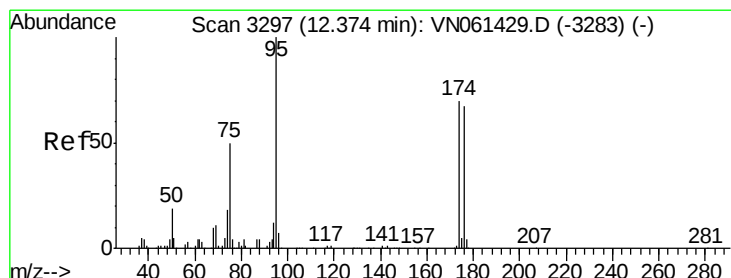
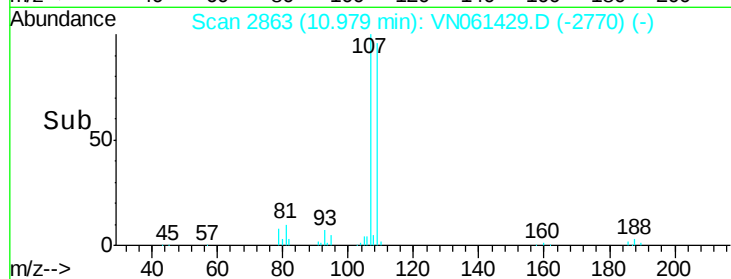
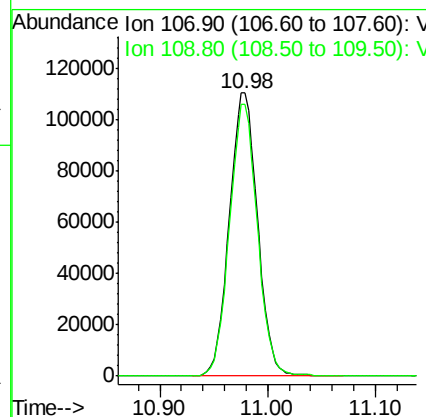
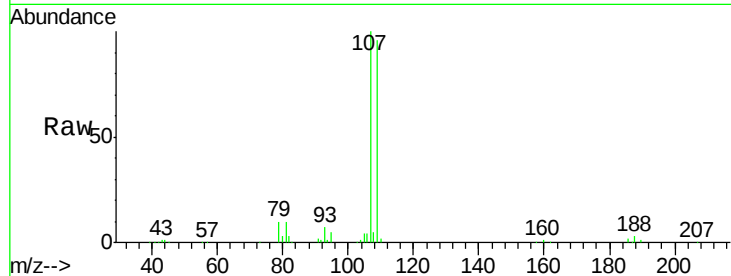
#61
 1,2-Dibromoethane
 Concen: 51.185 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. 0.00 min
 Lab File: VN061429.D
 Acq: 18 May 2020 12:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.6	75.7	113.5

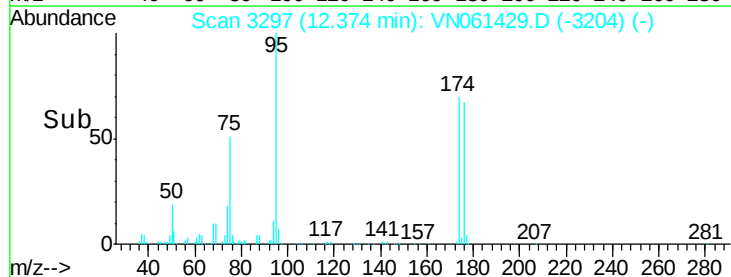
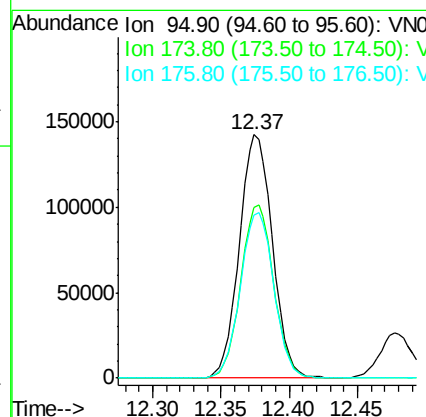
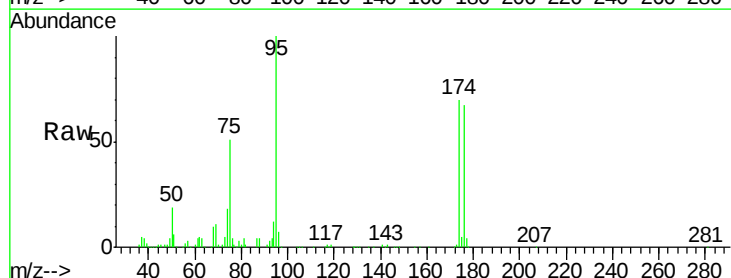
Manual Integrations
 APPROVED

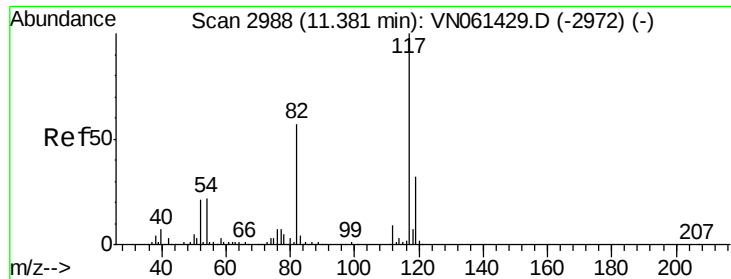
MMDadoda
 5/19/2020 4:25:33 PM



#62
 4-Bromofluorobenzene
 Concen: 48.606 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. 0.00 min
 Lab File: VN061429.D
 Acq: 18 May 2020 12:00

Tgt Ion	Ratio	Lower	Upper
95	100		
174	70.6	0.0	141.2
176	68.8	0.0	137.6





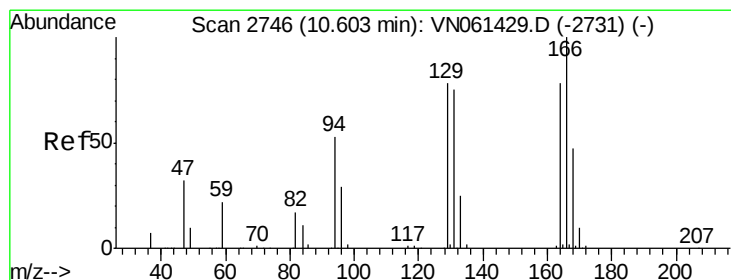
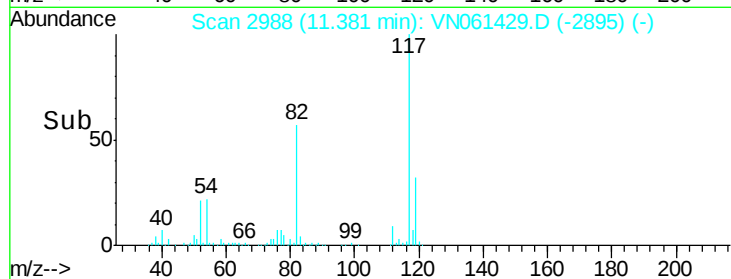
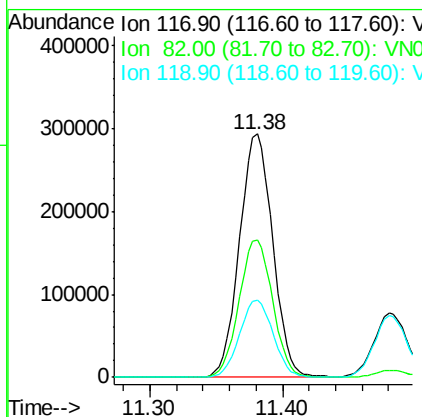
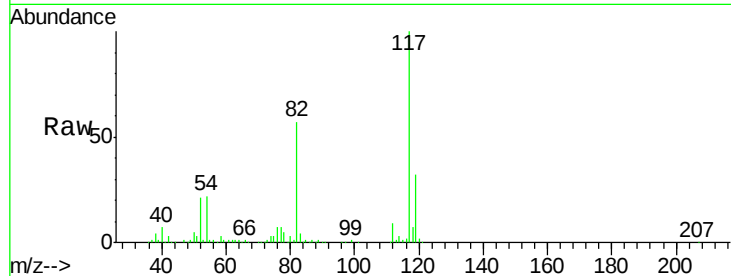
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061429.D
Acq: 18 May 2020 12:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.5	45.2	67.8
119	31.6	25.3	37.9

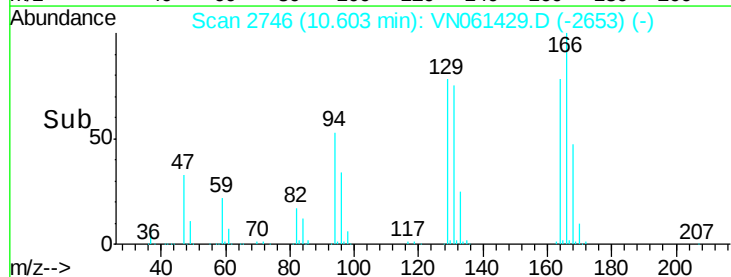
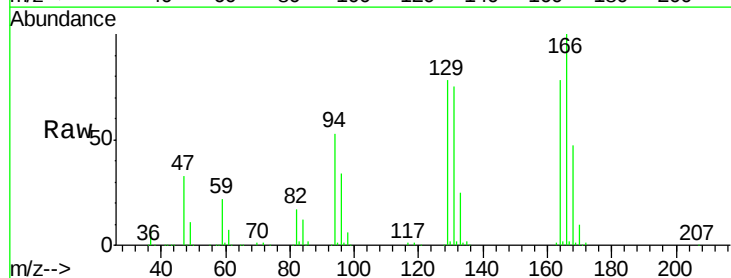
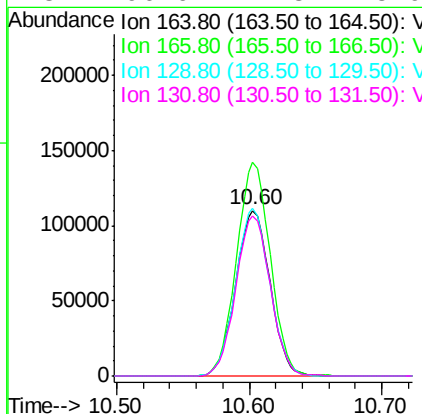
Manual Integrations
APPROVED

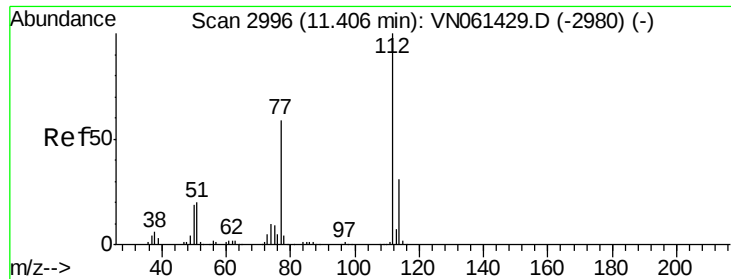
MMDadoda
5/19/2020 4:25:33 PM



#64
Tetrachloroethene
Concen: 49.553 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. 0.00 min
Lab File: VN061429.D
Acq: 18 May 2020 12:00

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.0	103.2	154.8
129	101.2	81.0	121.4
131	96.6	77.3	115.9





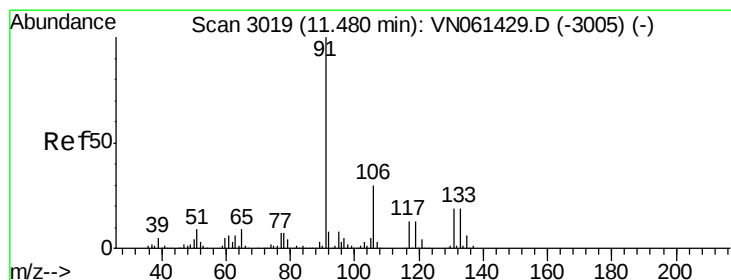
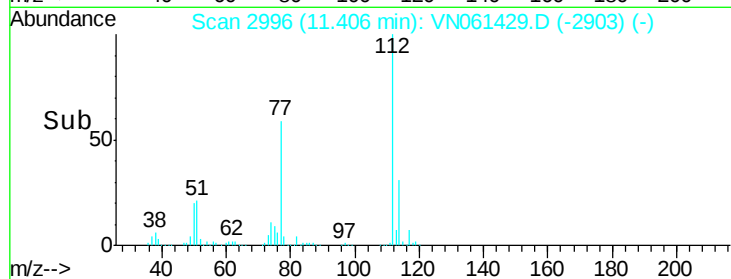
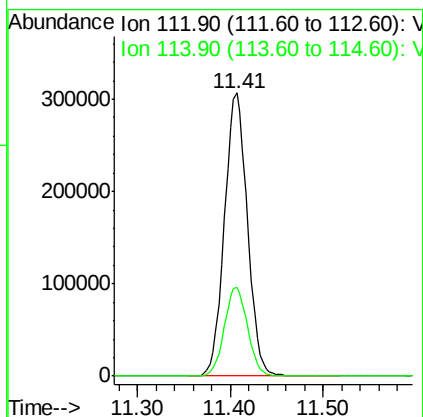
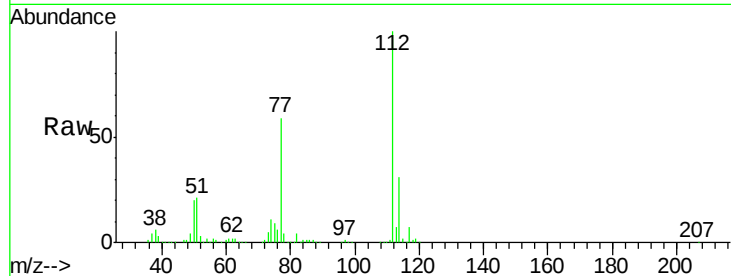
#65
Chlorobenzene
Concen: 49.403 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN061429.D
Acq: 18 May 2020 12:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion:112 Resp: 525426
Ion Ratio Lower Upper
112 100
114 31.3 25.0 37.6

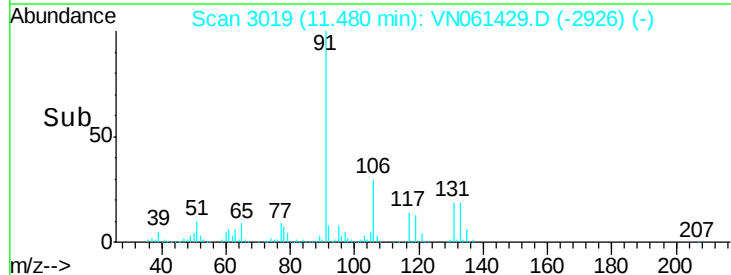
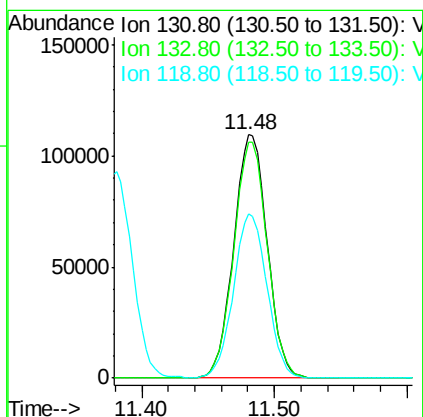
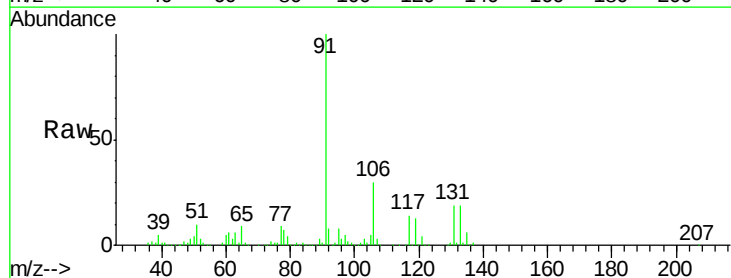
Manual Integrations
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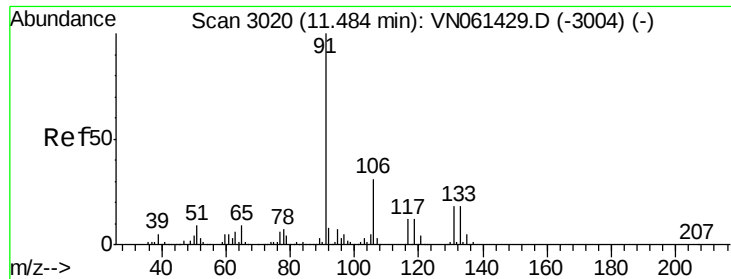
MMDadoda
5/19/2020 4:25:33 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 51.083 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. 0.00 min
Lab File: VN061429.D
Acq: 18 May 2020 12:00

Tgt Ion:131 Resp: 191767
Ion Ratio Lower Upper
131 100
133 97.4 48.7 146.1
119 67.5 33.8 101.3





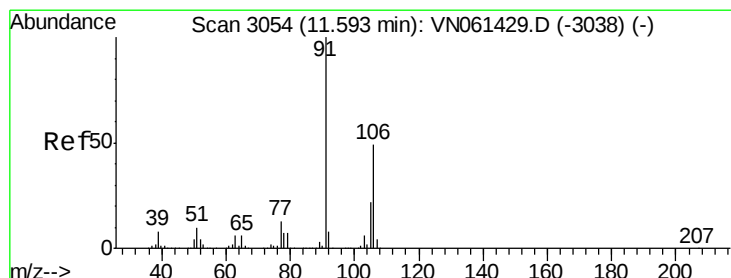
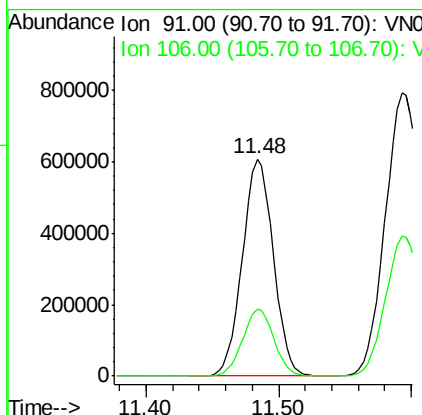
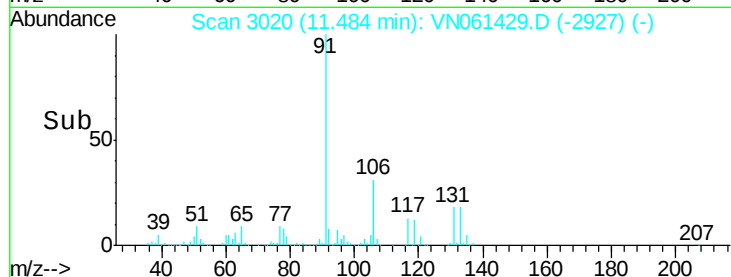
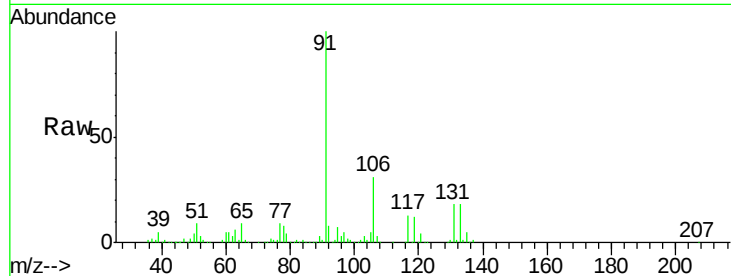
#67
Ethyl Benzene
Concen: 50.230 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN061429.D
Acq: 18 May 2020 12:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion: 91 Resp: 989620
Ion Ratio Lower Upper
91 100
106 30.7 24.6 36.8

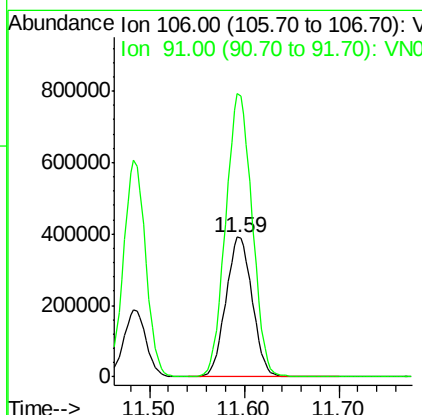
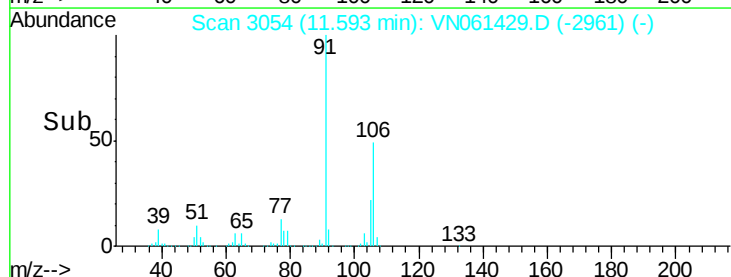
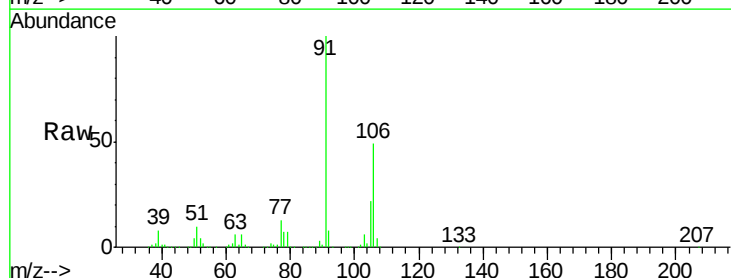
Manual Integrations
APPROVED

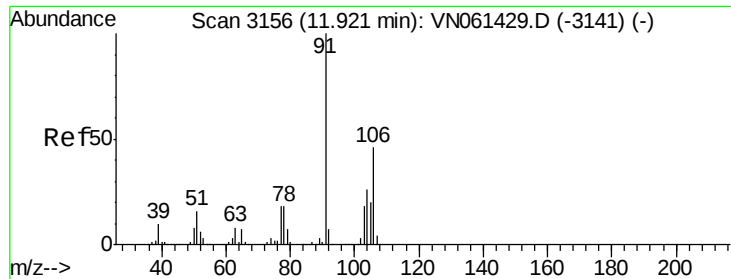
MMDadoda
5/19/2020 4:25:33 PM



#68
m/p-Xylenes
Concen: 101.976 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN061429.D
Acq: 18 May 2020 12:00

Tgt Ion: 106 Resp: 754775
Ion Ratio Lower Upper
106 100
91 203.8 163.0 244.6





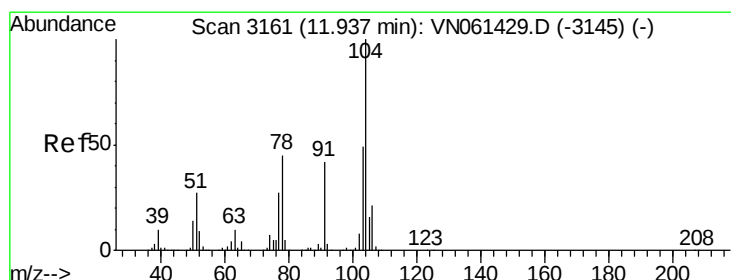
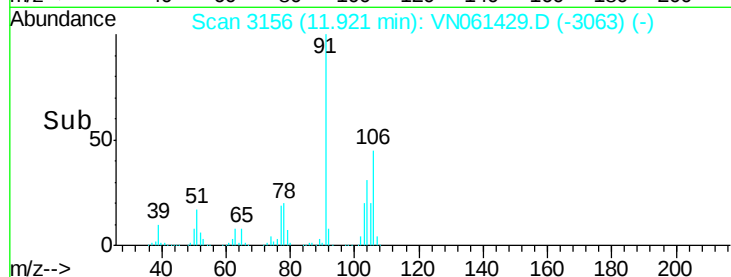
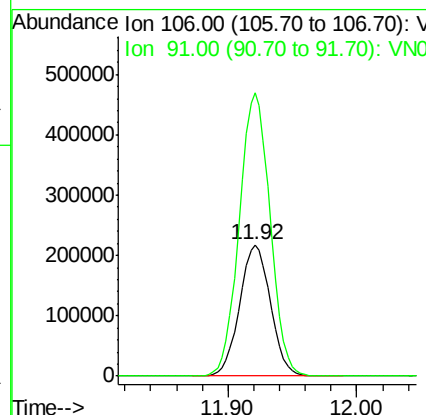
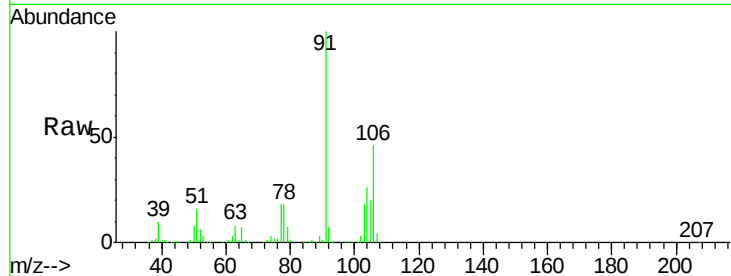
#69
o-Xylene
Concen: 50.313 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN061429.D
Acq: 18 May 2020 12:00

Instrument :
MSVOA_N
ClientSampled :
VSTDICCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	361210		
91	91	215.8	107.9	323.7	

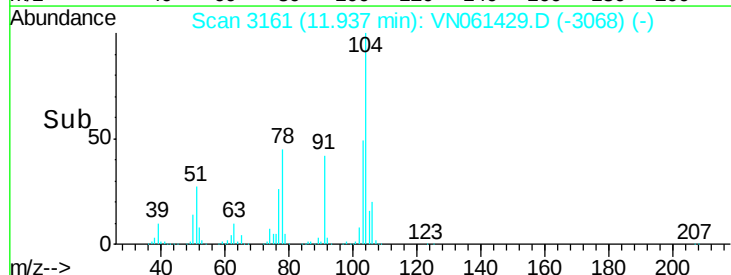
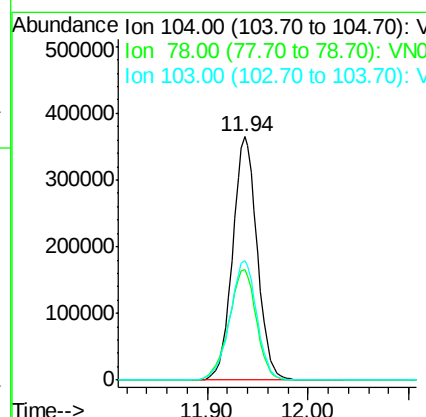
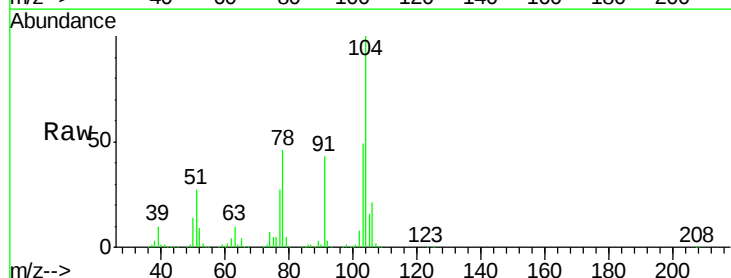
Manual Integrations
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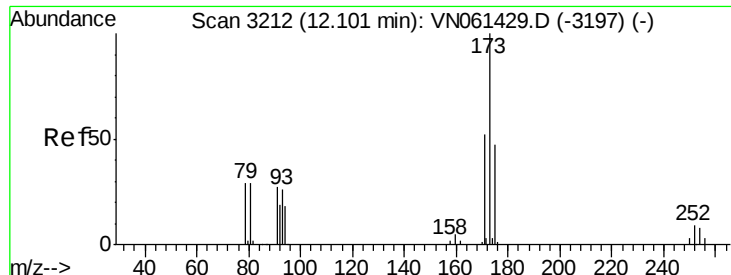
MMDadoda
5/19/2020 4:25:33 PM



#70
Styrene
Concen: 51.301 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. 0.00 min
Lab File: VN061429.D
Acq: 18 May 2020 12:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	618358		
78	78	50.9	40.7	61.1	
103	103	53.7	43.0	64.4	





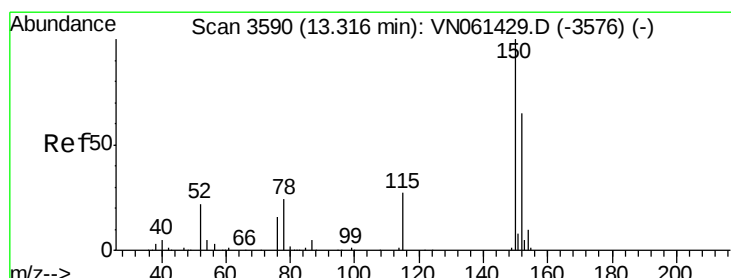
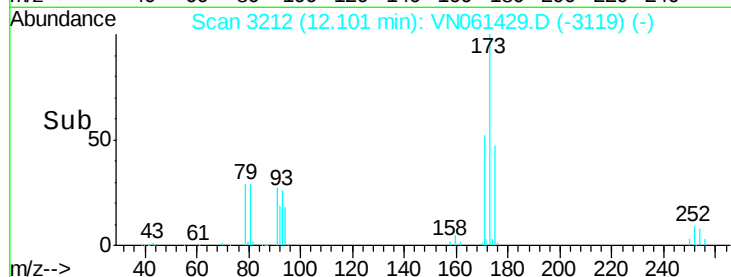
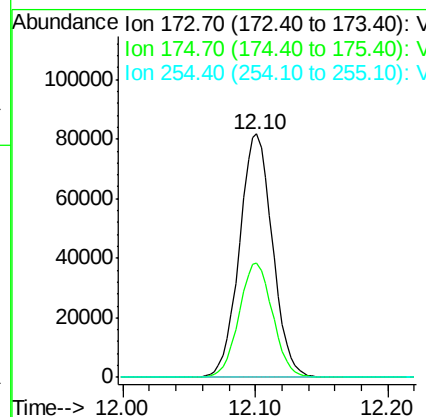
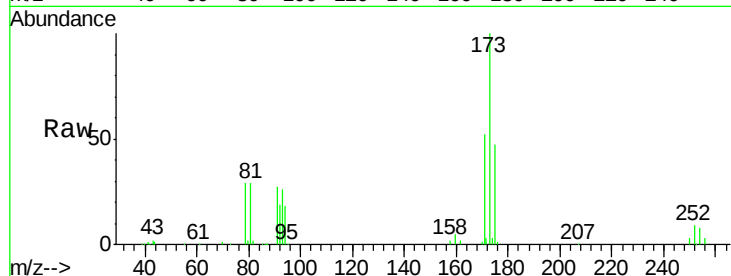
#71
Bromoform
Concen: 53.416 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. 0.00 min
Lab File: VN061429.D
Acq: 18 May 2020 12:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.9	23.9	71.8
254	0.0	0.0	0.0

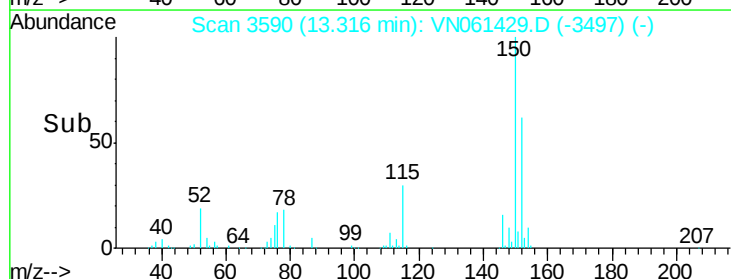
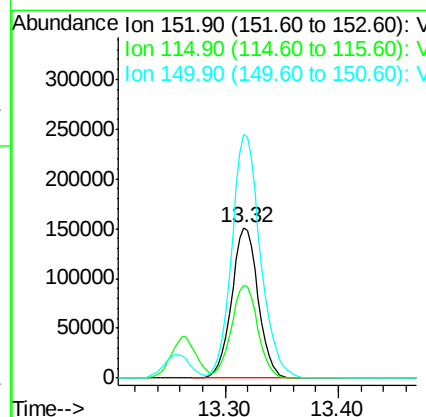
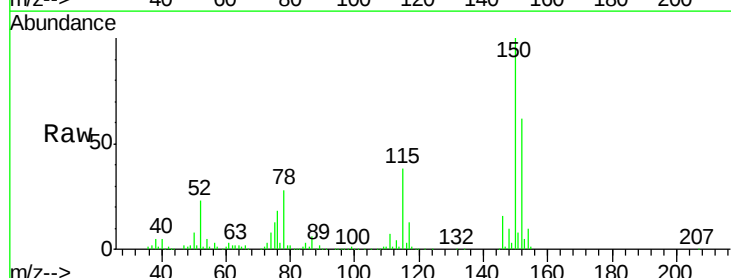
Manual Integrations
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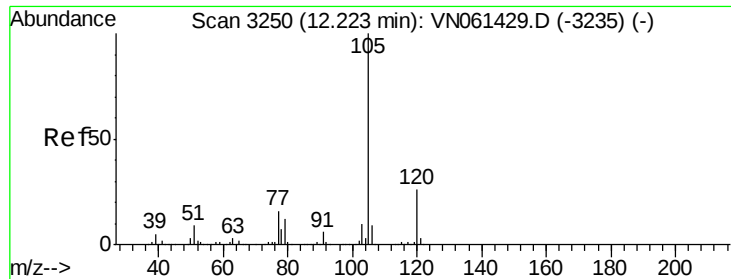
MMDadoda
5/19/2020 4:25:33 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3590
Delta R.T. 0.00 min
Lab File: VN061429.D
Acq: 18 May 2020 12:00

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.7	30.9	92.5
150	174.6	0.0	349.2





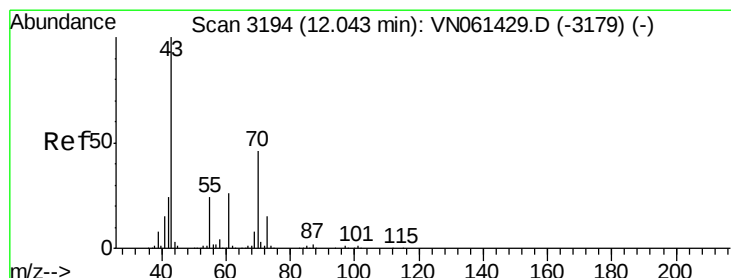
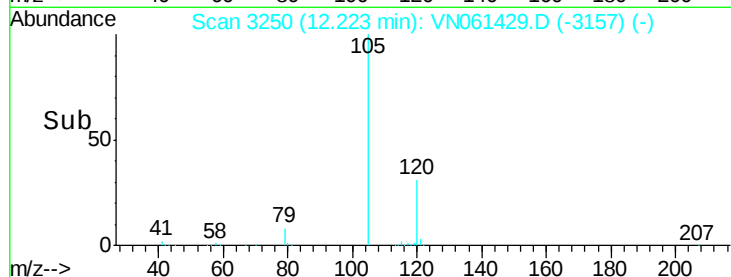
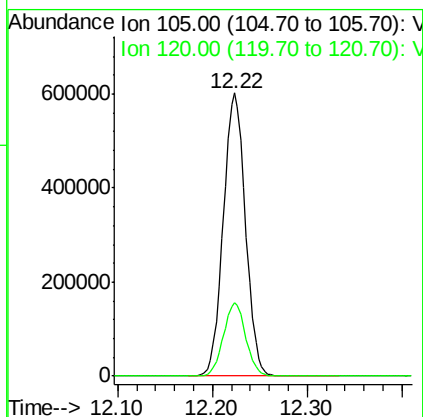
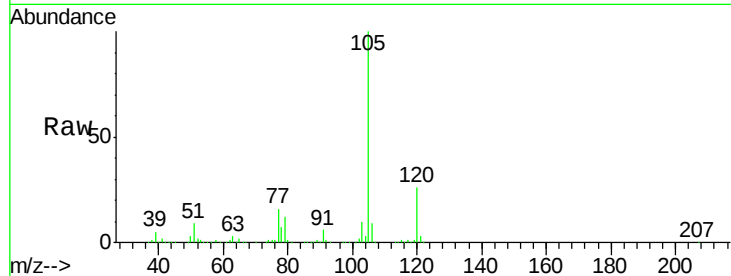
#73
Isopropylbenzene
Concen: 48.881 ug/l
RT: 12.22 min Scan# 3250
Delta R.T. 0.00 min
Lab File: VN061429.D
Acq: 18 May 2020 12:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.0	13.0	39.0

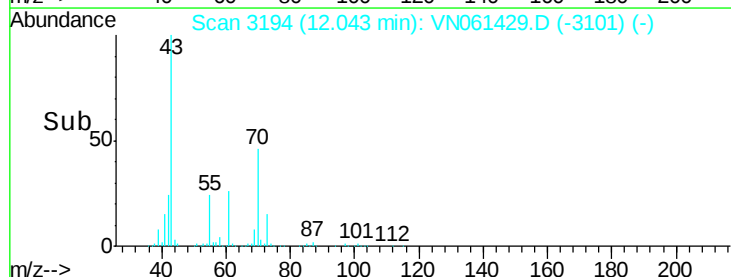
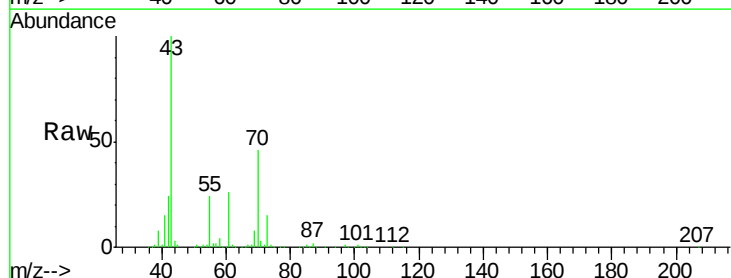
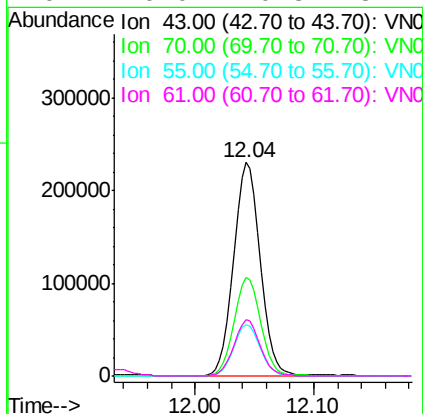
Manual Integrations
APPROVED

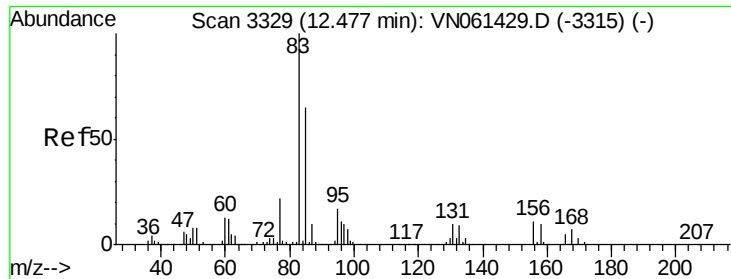
MMDadoda
5/19/2020 4:25:33 PM



#74
N-ethyl acetate
Concen: 45.875 ug/l
RT: 12.04 min Scan# 3194
Delta R.T. 0.00 min
Lab File: VN061429.D
Acq: 18 May 2020 12:00

Tgt Ion	Ratio	Lower	Upper
43	100		
70	46.2	37.0	55.4
55	24.4	19.5	29.3
61	26.0	20.8	31.2





#75

1,1,2,2-Tetrachloroethane

Concen: 46.978 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. 0.00 min

Lab File: VN061429.D

Acq: 18 May 2020 12:00

Instrument :

MSVOA_N

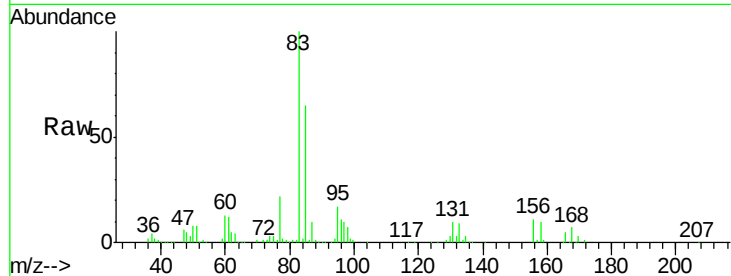
ClientSampleId :

VSTDICCC050

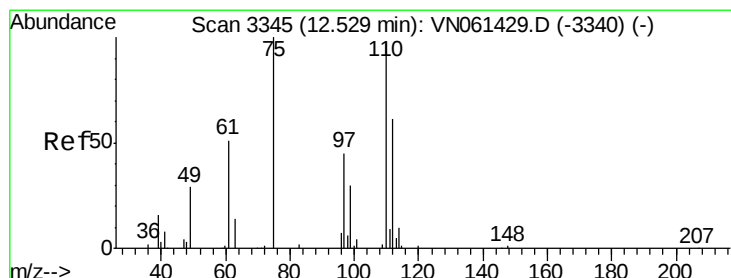
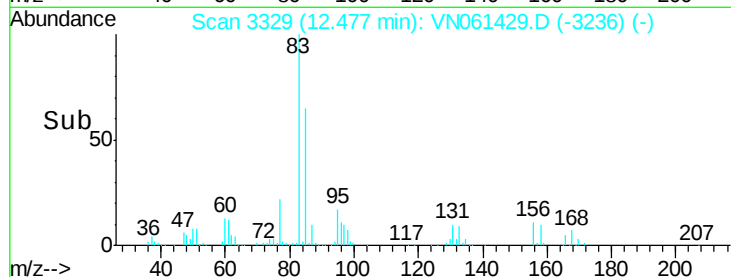
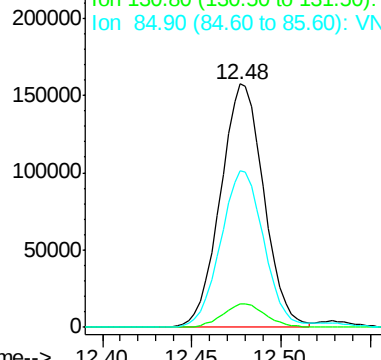
Tot Ion:	83	Resp:	267680
Ion Ratio	Lower	Upper	
83	100		
131	9.6	4.8	14.4
85	64.3	32.1	96.5

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Abundance Ion 82.90 (82.60 to 83.60): VN061429.D (-3329) (-)



#76

1,2,3-Trichloropropane

Concen: 49.527 ug/l m

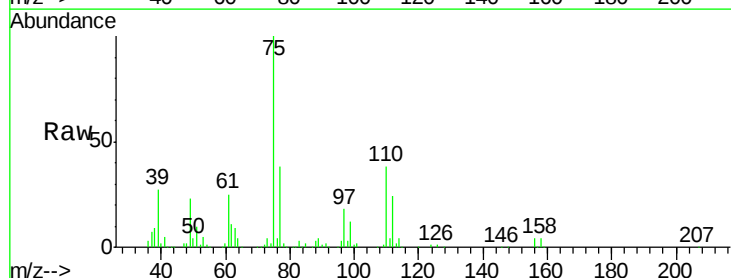
RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

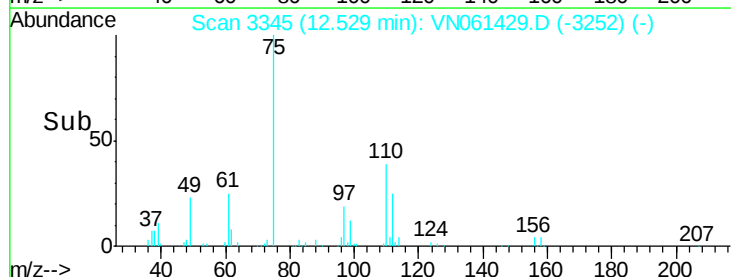
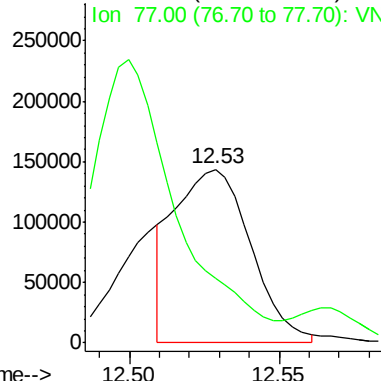
Lab File: VN061429.D

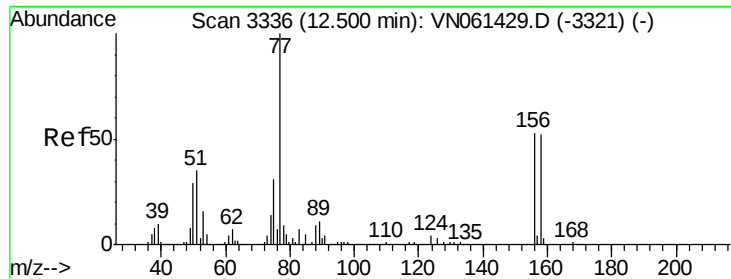
Acq: 18 May 2020 12:00

Tgt Ion:	75	Resp:	254034
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VN061429.D (-3345) (-)





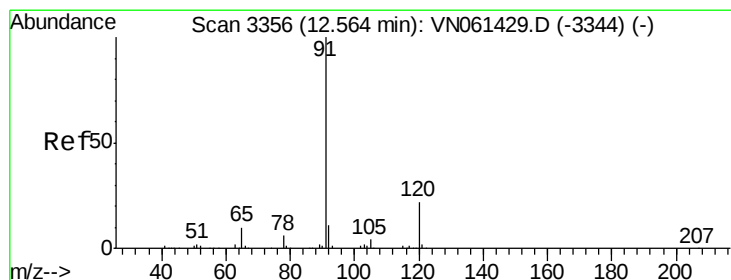
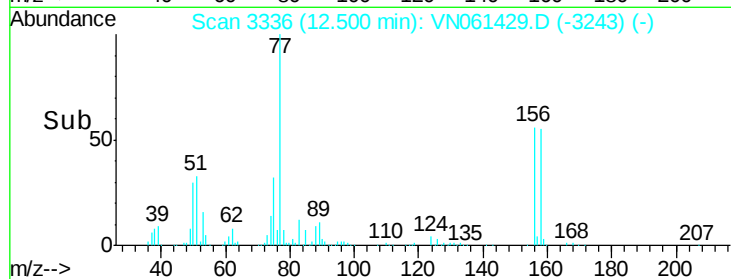
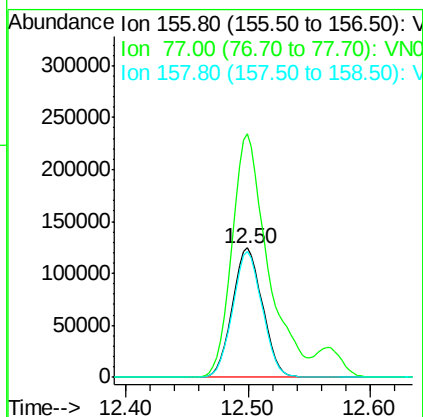
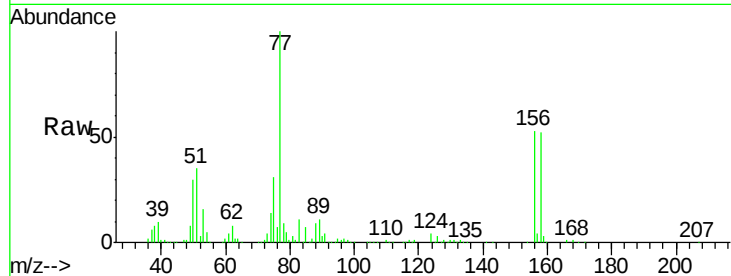
#77
Bromobenzene
Concen: 48.651 ug/l
RT: 12.50 min Scan# 3336
Delta R.T. 0.00 min
Lab File: VN061429.D
Acq: 18 May 2020 12:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	224.6	112.3	336.9	
158	95.7	47.9	143.6	

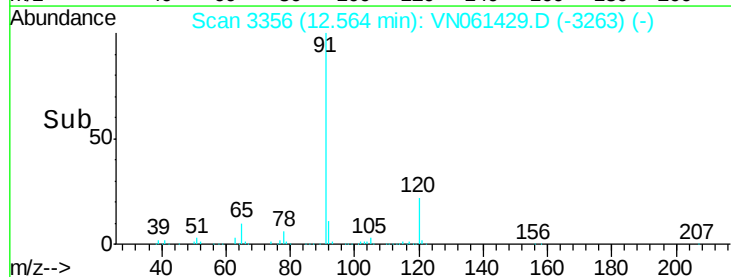
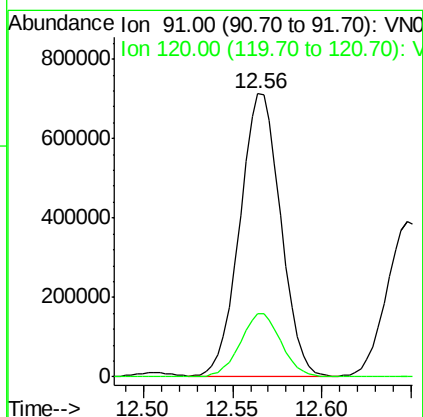
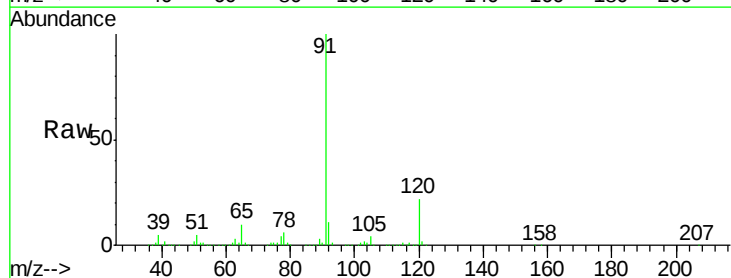
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#78
n-propylbenzene
Concen: 48.726 ug/l
RT: 12.56 min Scan# 3356
Delta R.T. 0.00 min
Lab File: VN061429.D
Acq: 18 May 2020 12:00

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	22.4	11.2	33.6	





#79

2-Chlorotoluene

Concen: 47.903 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. 0.00 min

Lab File: VN061429.D

Acq: 18 May 2020 12:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion: 91 Resp: 654388

Ion Ratio Lower Upper

91 100

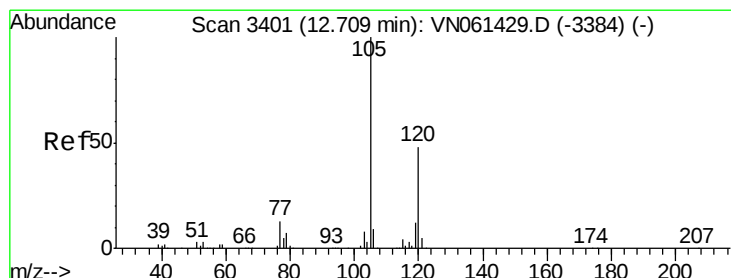
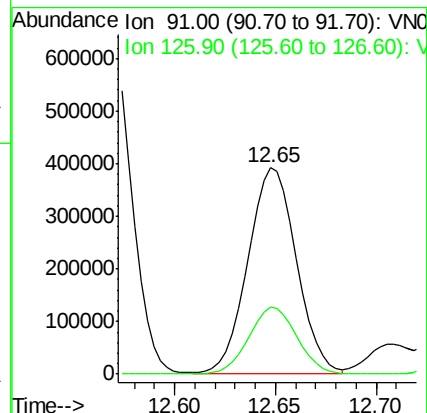
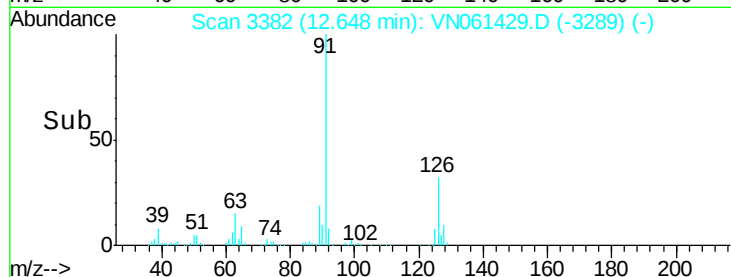
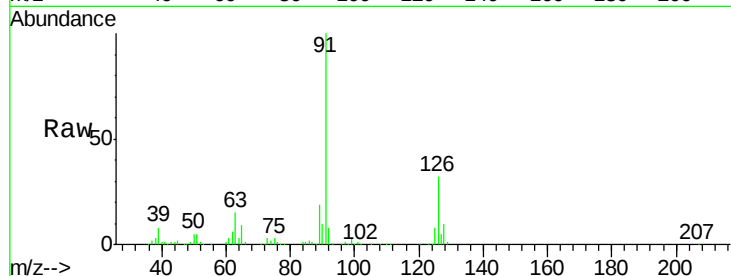
126 32.6 16.3 48.9

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#80

1,3,5-Trimethylbenzene

Concen: 49.052 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. 0.00 min

Lab File: VN061429.D

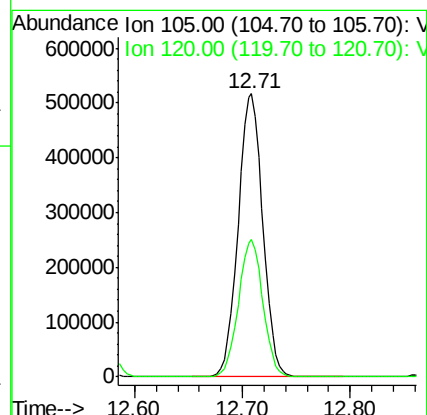
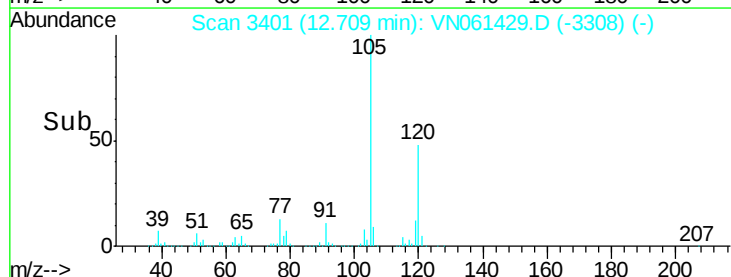
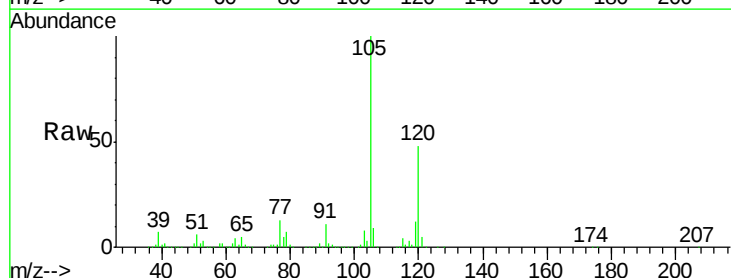
Acq: 18 May 2020 12:00

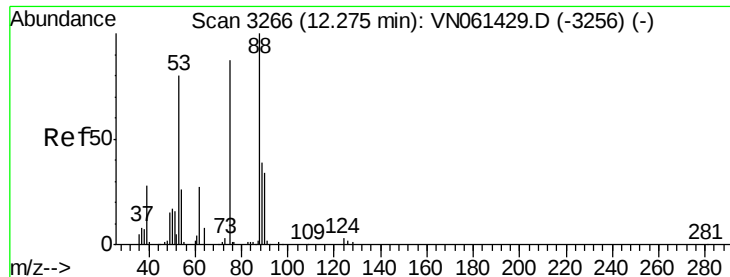
Tgt Ion: 105 Resp: 820583

Ion Ratio Lower Upper

105 100

120 48.3 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 48.916 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. 0.00 min

Lab File: VN061429.D

Acq: 18 May 2020 12:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion: 75 Resp: 95939

Ion Ratio Lower Upper

75 100

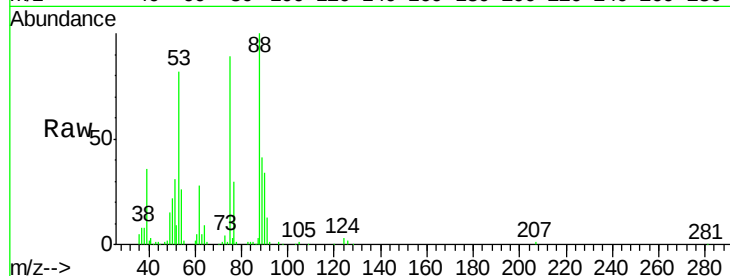
53 94.0 75.2 112.8

89 47.8 38.2 57.4

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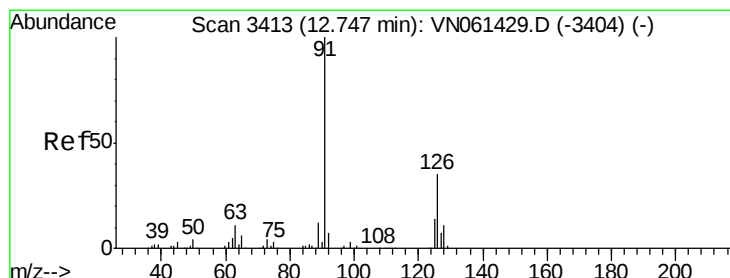
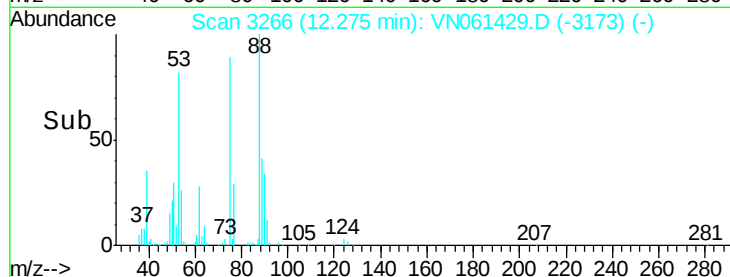
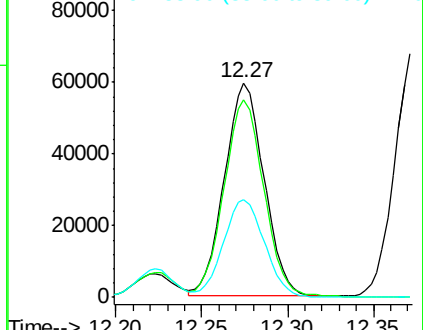
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Abundance Ion 74.90 (74.60 to 75.60): VN061429.D (-3256) (-)

Ion 53.00 (52.70 to 53.70): VN061429.D (-3256) (-)

Ion 88.90 (88.60 to 89.60): VN061429.D (-3256) (-)



#82

4-Chlorotoluene

Concen: 48.161 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN061429.D

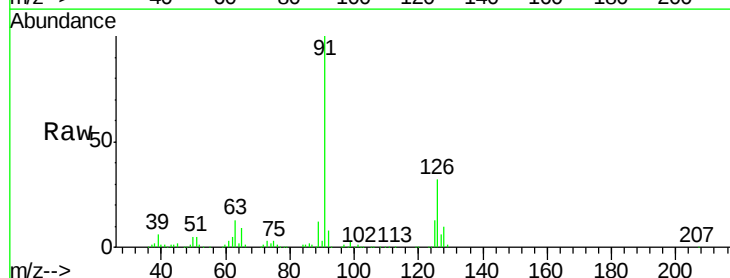
Acq: 18 May 2020 12:00

Tgt Ion: 91 Resp: 691272

Ion Ratio Lower Upper

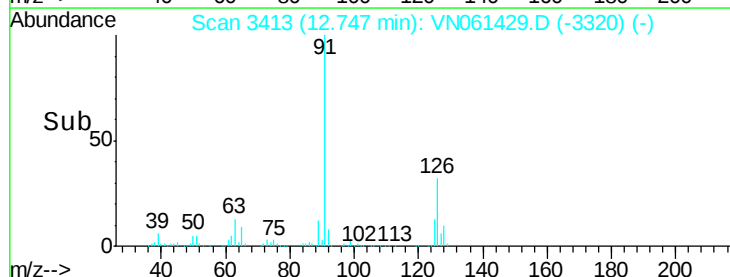
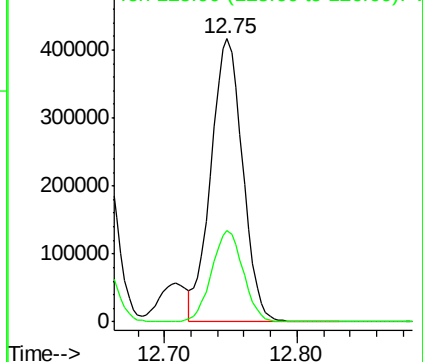
91 100

126 32.1 16.1 48.2



Abundance Ion 91.00 (90.70 to 91.70): VN061429.D (-3404) (-)

Ion 125.90 (125.60 to 126.60): VN061429.D (-3404) (-)





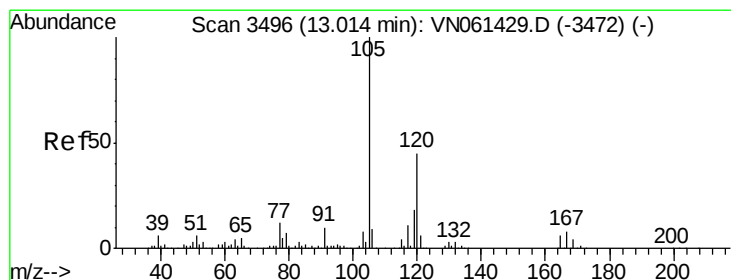
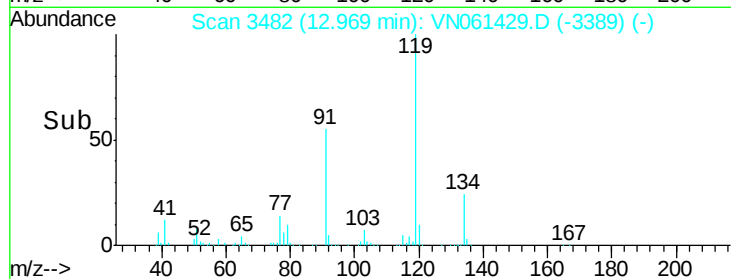
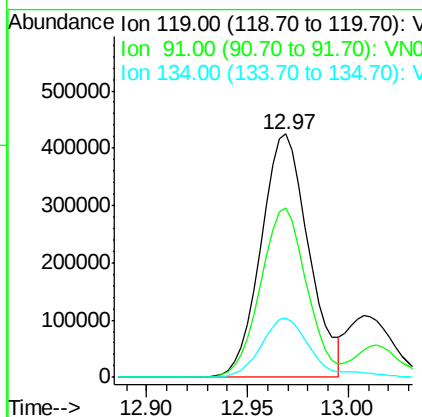
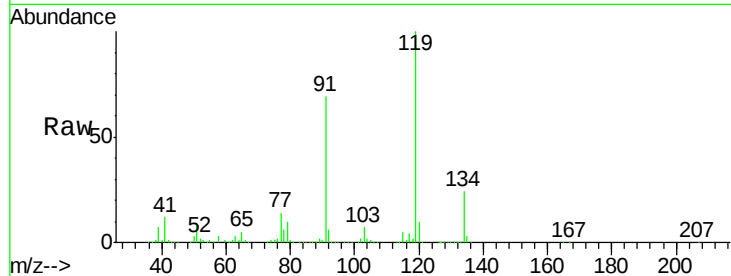
#83
 tert-Butylbenzene
 Concen: 48.926 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. 0.00 min
 Lab File: VN061429.D
 Acq: 18 May 2020 12:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	698226		
91	67.3	33.7	101.0	
134	25.5	12.8	38.3	

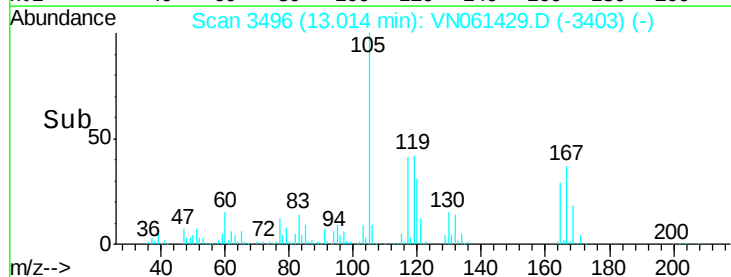
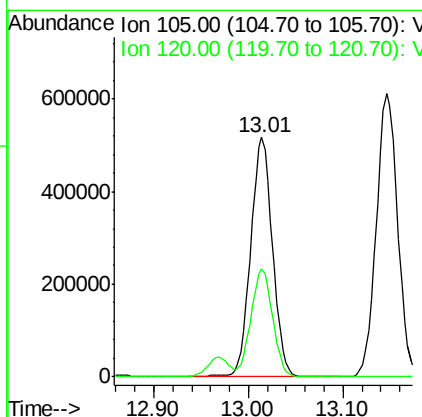
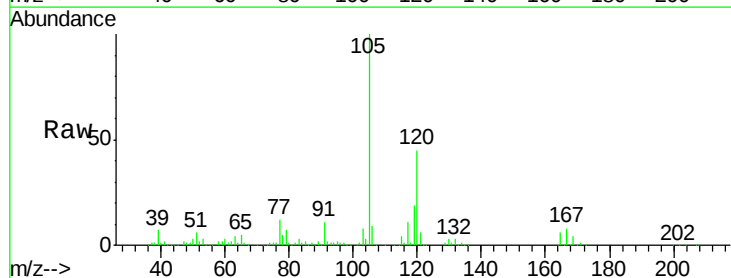
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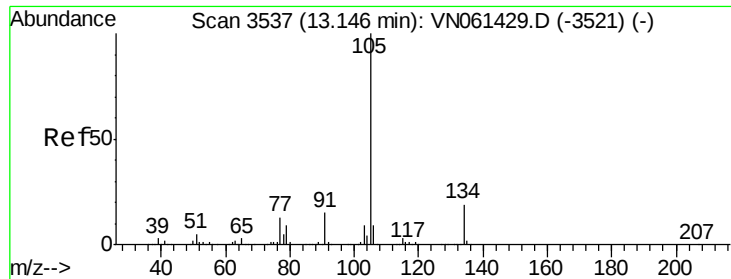
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#84
 1,2,4-Trimethylbenzene
 Concen: 49.585 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. 0.00 min
 Lab File: VN061429.D
 Acq: 18 May 2020 12:00

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	827734		
120	44.9	22.4	67.3	





#85

sec-Butylbenzene

Concen: 49.382 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. 0.00 min

Lab File: VN061429.D

Acq: 18 May 2020 12:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion:105 Resp: 951201

Ion Ratio Lower Upper

105 100

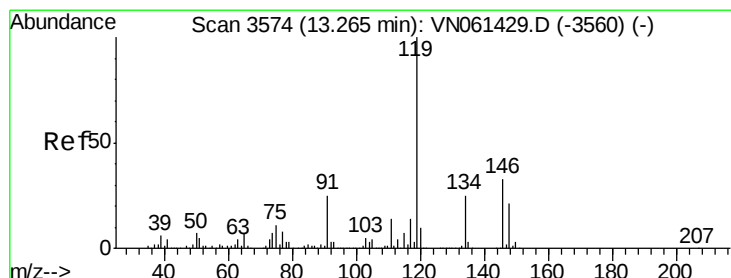
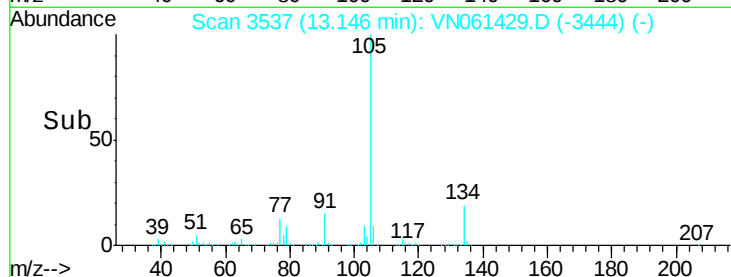
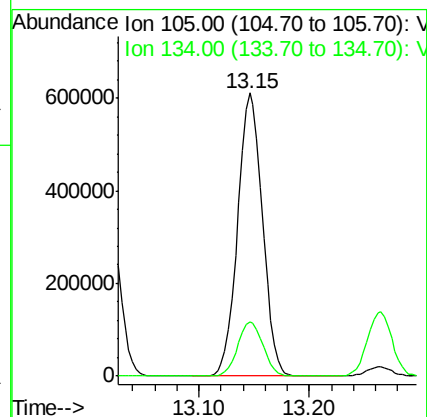
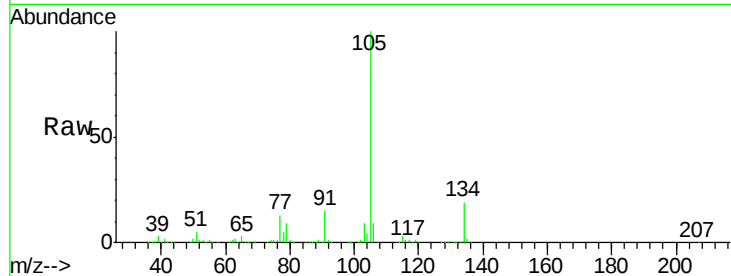
134 19.7 9.8 29.5

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#86

p-Isopropyltoluene

Concen: 50.982 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. 0.00 min

Lab File: VN061429.D

Acq: 18 May 2020 12:00

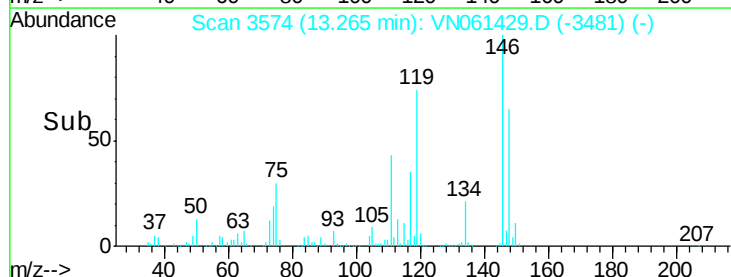
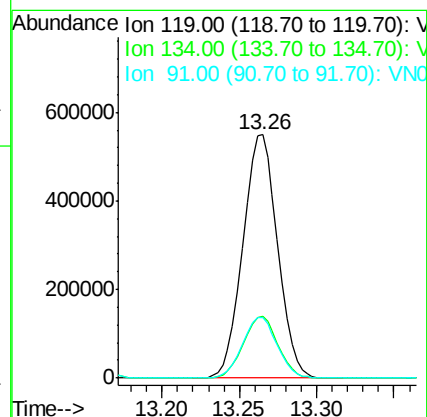
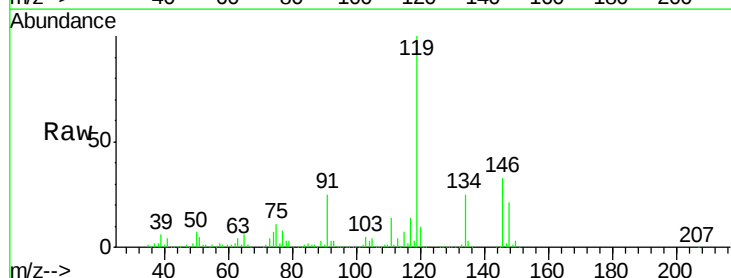
Tgt Ion:119 Resp: 852487

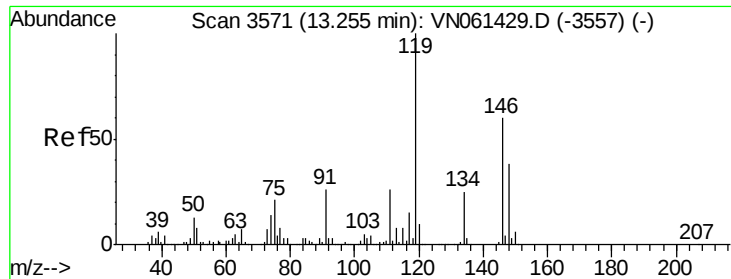
Ion Ratio Lower Upper

119 100

134 25.4 12.7 38.1

91 25.1 12.6 37.6





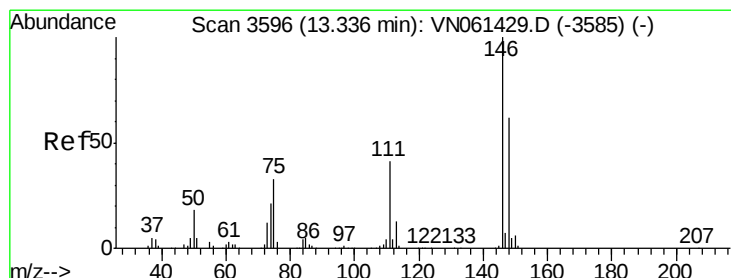
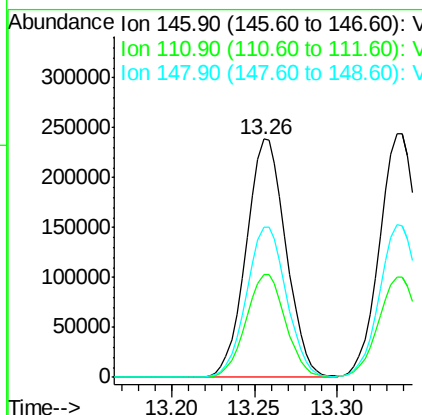
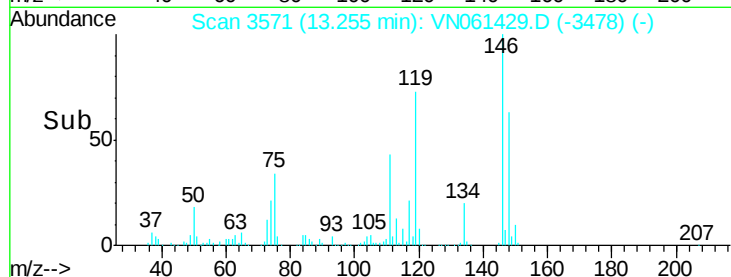
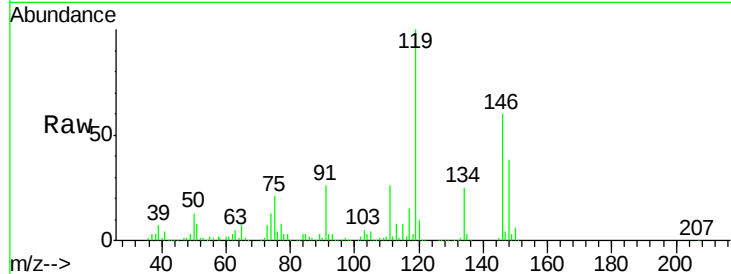
#87
 1,3-Dichlorobenzene
 Concen: 50.027 ug/l
 RT: 13.26 min Scan# 3571
 Delta R.T. 0.00 min
 Lab File: VN061429.D
 Acq: 18 May 2020 12:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	396892		
111	43.0	21.5	64.5	
148	63.5	31.8	95.3	

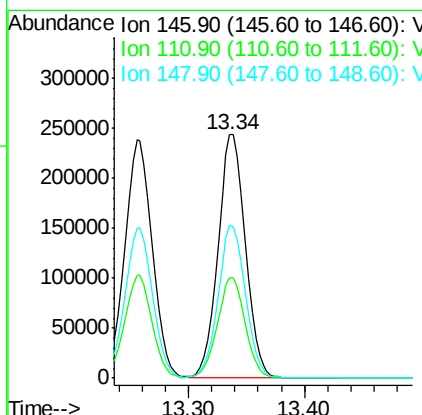
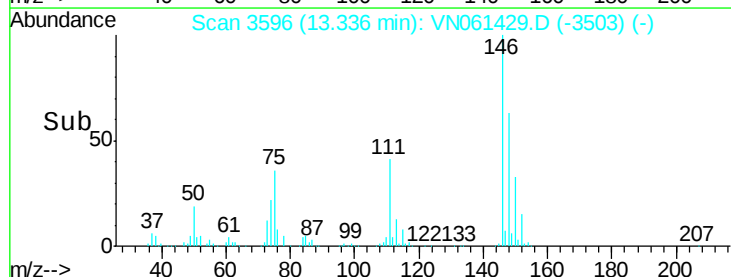
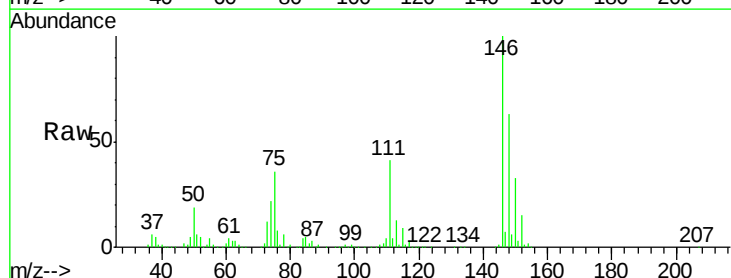
Manual Integrations
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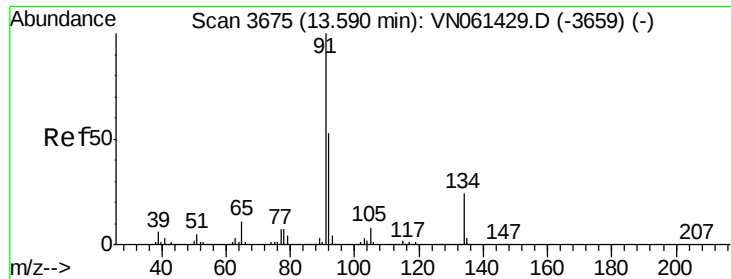
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#88
 1,4-Dichlorobenzene
 Concen: 49.239 ug/l
 RT: 13.34 min Scan# 3596
 Delta R.T. 0.00 min
 Lab File: VN061429.D
 Acq: 18 May 2020 12:00

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	401169		
111	41.7	20.8	62.5	
148	63.2	31.6	94.8	





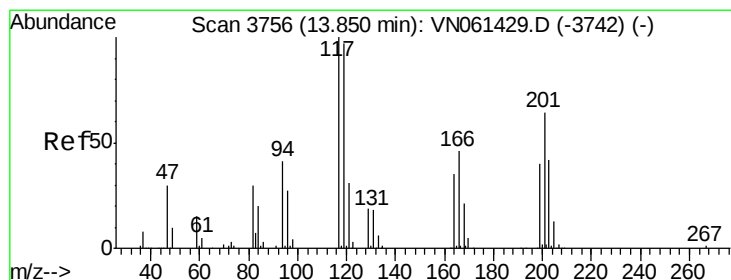
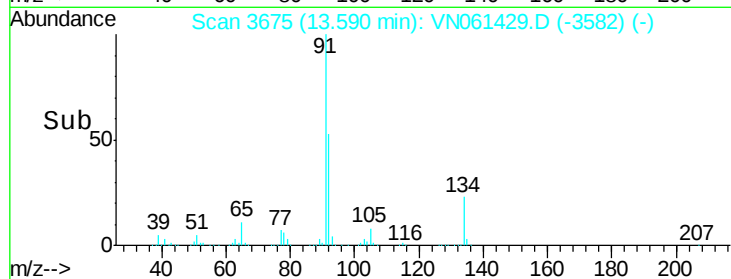
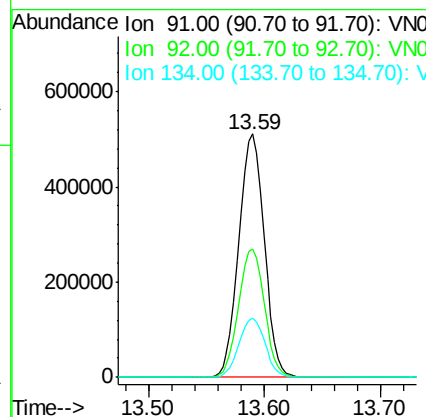
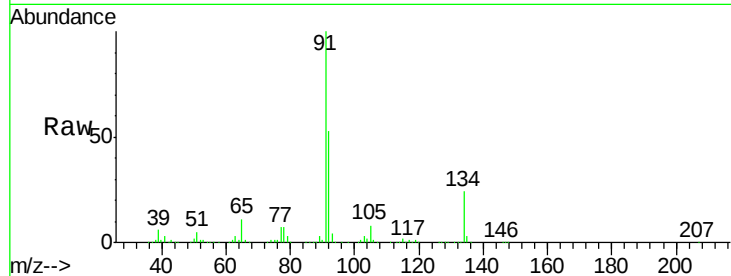
#89
n-Butylbenzene
Concen: 51.167 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. 0.00 min
Lab File: VN061429.D
Acq: 18 May 2020 12:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	53.5	26.8	80.3	
134	24.9	12.4	37.4	

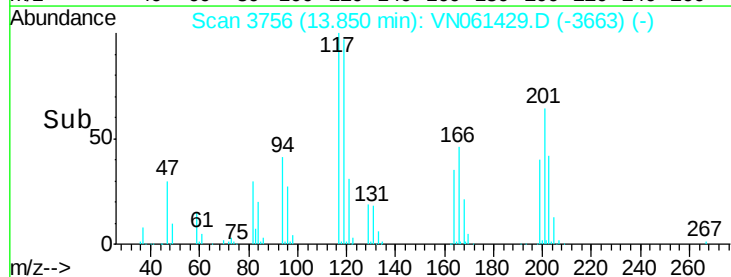
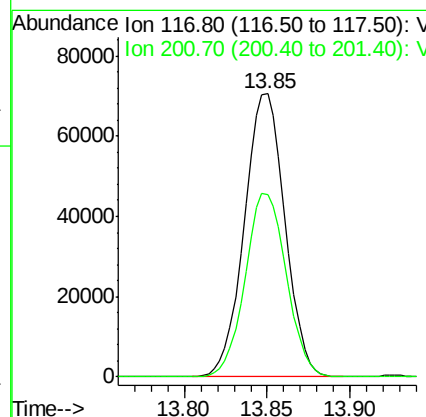
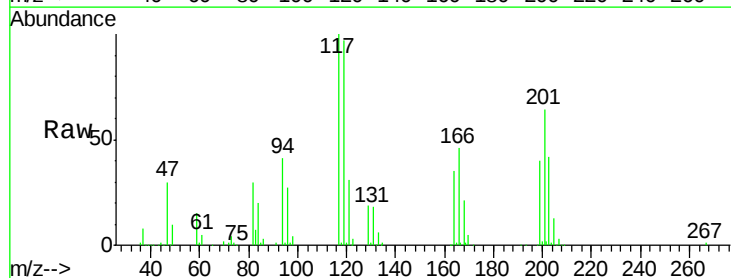
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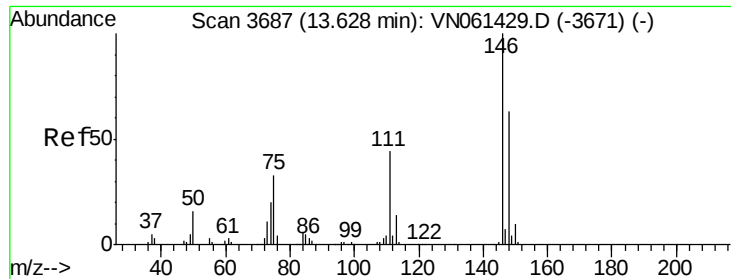
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#90
Hexachloroethane
Concen: 52.046 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. 0.00 min
Lab File: VN061429.D
Acq: 18 May 2020 12:00

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	65.8	32.9	98.7	





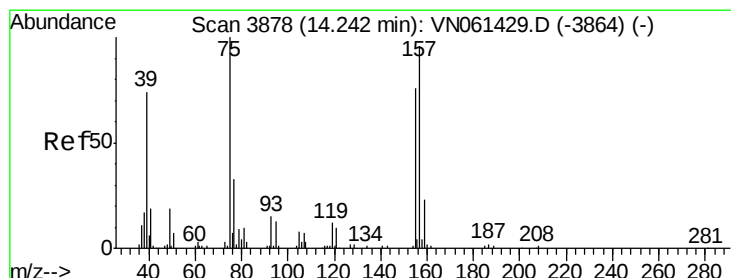
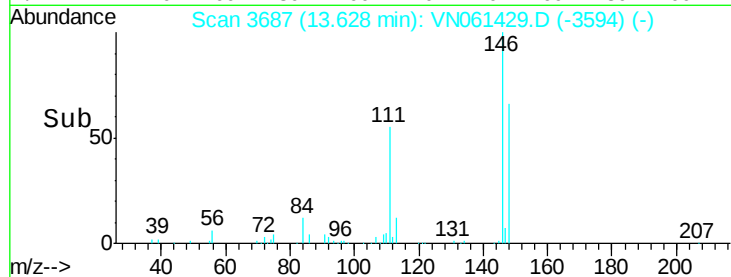
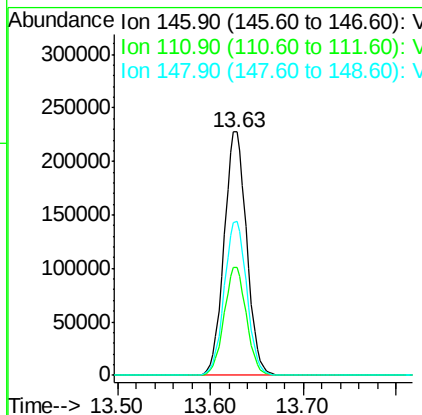
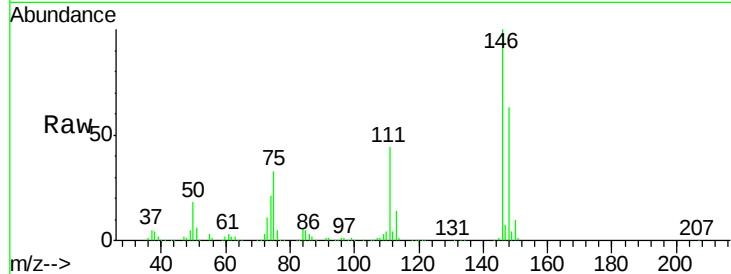
#91
 1,2-Dichlorobenzene
 Concen: 50.659 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN061429.D
 Acq: 18 May 2020 12:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100			
111	43.8	21.9	65.7	
148	63.1	31.6	94.7	

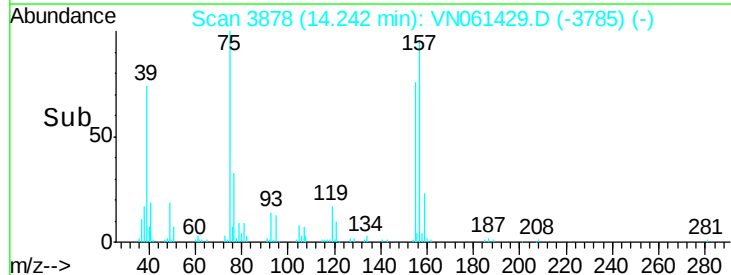
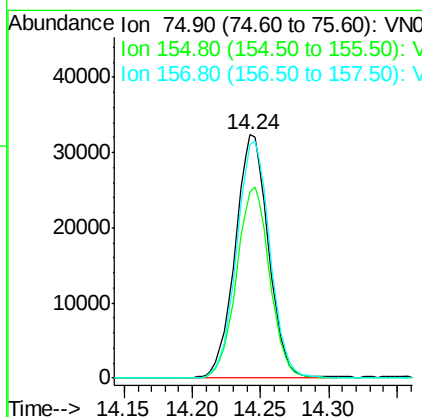
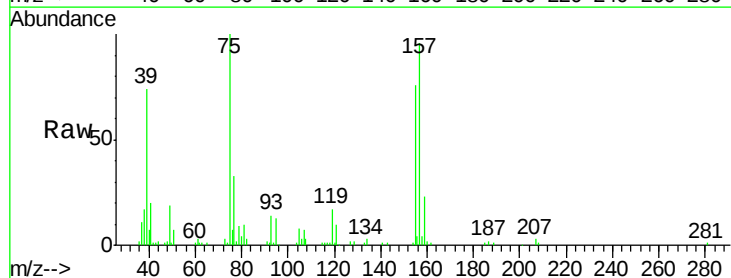
Manual Integrations
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.030 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. 0.00 min
 Lab File: VN061429.D
 Acq: 18 May 2020 12:00

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
155	77.8	38.9	116.7	
157	97.2	48.6	145.8	





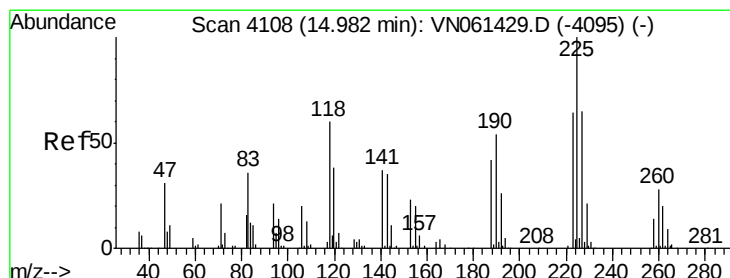
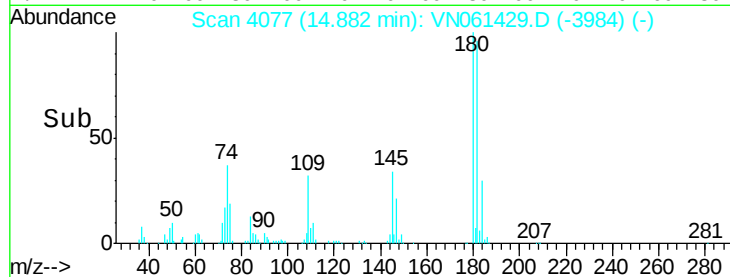
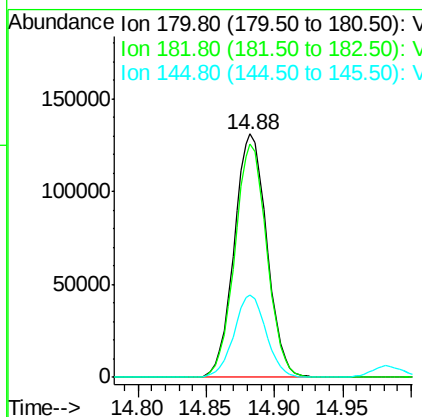
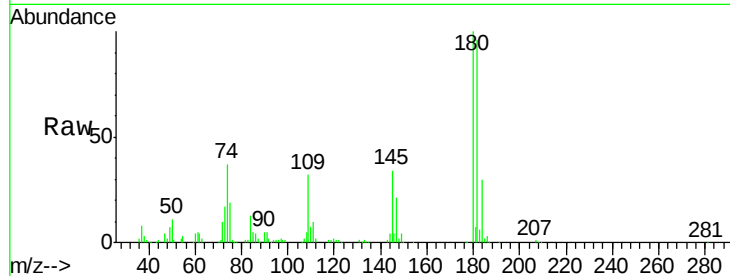
#93
 1,2,4-Trichlorobenzene
 Concen: 52.347 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN061429.D
 Acq: 18 May 2020 12:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	217691		
182	94.0	47.0	141.0	
145	33.3	16.7	50.0	

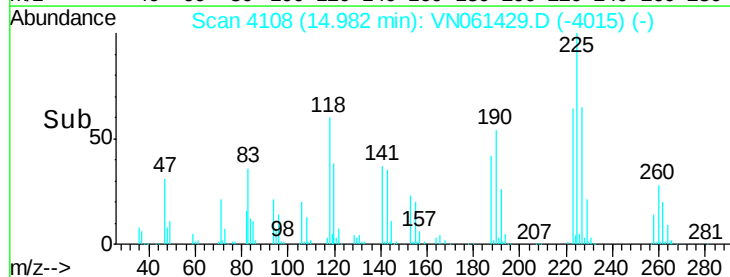
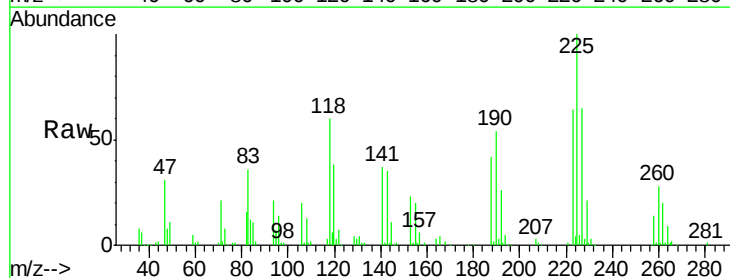
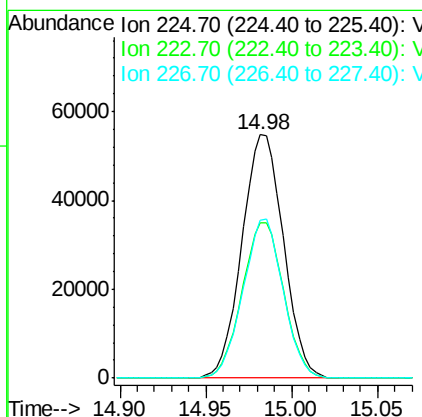
Manual Integrations
 APPROVED

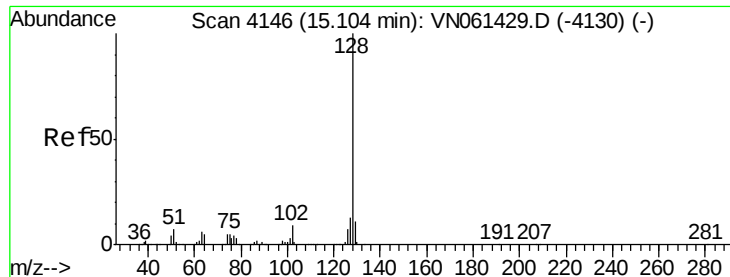
MMDadoda
 5/19/2020 4:25:33 PM



#94
 Hexachlorobutadiene
 Concen: 57.274 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. 0.00 min
 Lab File: VN061429.D
 Acq: 18 May 2020 12:00

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	91724		
223	63.8	31.9	95.7	
227	63.0	31.5	94.5	





#95

Naphthalene

Concen: 52.215 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN061429.D

Acq: 18 May 2020 12:00

Instrument :

MSVOA_N

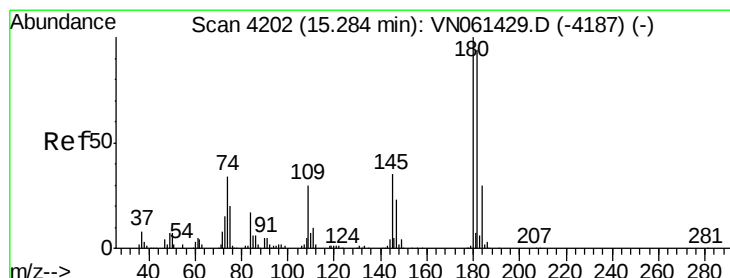
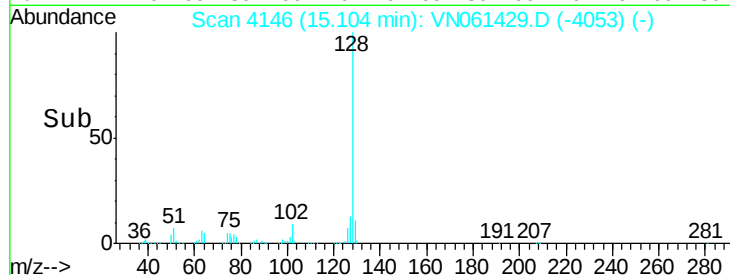
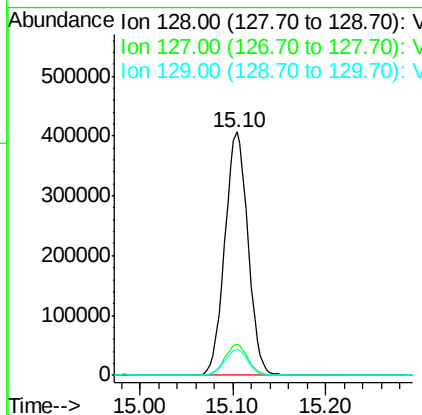
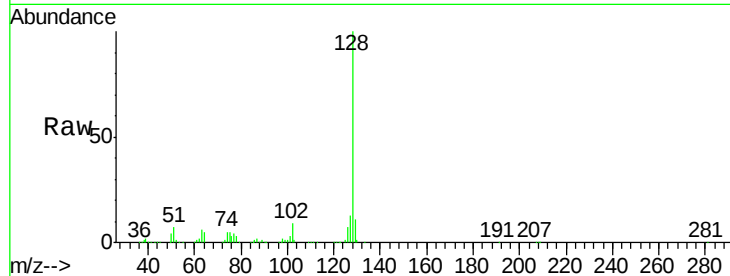
ClientSampleId :

VSTDICCC050

Tot Ion:	128	Resp:	703223
Ion Ratio	Lower	Upper	
128	100		
127	12.6	10.1	15.1
129	10.8	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
5/19/2020 4:25:33 PM



#96

1,2,3-Trichlorobenzene

Concen: 50.832 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. 0.00 min

Lab File: VN061429.D

Acq: 18 May 2020 12:00

Tgt Ion:	180	Resp:	211268
Ion Ratio	Lower	Upper	
180	100		
182	95.5	47.8	143.3
145	34.6	17.3	51.9

