

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051820\
 Data File : VN061451.D
 Acq On : 19 May 2020 00:20
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 5/19/2020 4:24:44 PM

Quant Time: May 19 04:45:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051820W.M
 Quant Title : SW846 8260
 QLast Update : Mon May 18 13:09:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	246530	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	475905	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	460118	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	212899	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	196139	53.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.62%	
35) Dibromofluoromethane	7.54	113	129370	51.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.78%	
50) Toluene-d8	10.06	98	558749	48.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.64%	
62) 4-Bromofluorobenzene	12.37	95	213532	49.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	85112	41.520	ug/l	98
3) Chloromethane	2.03	50	154838	46.311	ug/l	99
4) Vinyl Chloride	2.16	62	215051	44.942	ug/l	98
5) Bromomethane	2.54	94	137287	57.321	ug/l	98
6) Chloroethane	2.67	64	153922	47.792	ug/l	97
7) Trichlorofluoromethane	2.98	101	306903	52.829	ug/l	98
8) Diethyl Ether	3.37	74	88810	52.485	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.72	101	106564	44.111	ug/l	100
10) Methyl Iodide	3.91	142	148329	50.552	ug/l	99
11) Tert butyl alcohol	4.72	59	108891	256.852	ug/l	100
12) 1,1-Dichloroethene	3.69	96	113339	44.851	ug/l	93
13) Acrolein	3.56	56	72777	239.819	ug/l	98
14) Allyl chloride	4.27	41	186775	45.416	ug/l	93
15) Acrylonitrile	4.92	53	336892	268.224	ug/l	99
16) Acetone	3.77	43	245768	261.631	ug/l	100
17) Carbon Disulfide	4.01	76	275538	50.873	ug/l	99
18) Methyl Acetate	4.27	43	136646	54.245	ug/l	100
19) Methyl tert-butyl Ether	4.98	73	520985	54.328	ug/l	99
20) Methylene Chloride	4.50	84	152947	50.580	ug/l	97
21) trans-1,2-Dichloroethene	4.98	96	143936	49.396	ug/l	99
22) Diisopropyl ether	5.89	45	497871	53.874	ug/l	95
23) Vinyl Acetate	5.83	43	2033519	276.713	ug/l	98
24) 1,1-Dichloroethane	5.79	63	281376	52.201	ug/l	99
25) 2-Butanone	6.78	43	435581	260.012	ug/l	99
26) 2,2-Dichloropropane	6.77	77	216407	42.115	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	184418	53.579	ug/l	96
28) Bromochloromethane	7.15	49	139148	60.817	ug/l	97
29) Tetrahydrofuran	7.16	42	291582	262.813	ug/l	100
30) Chloroform	7.32	83	312872	55.573	ug/l	100
31) Cyclohexane	7.61	56	211734	44.290	ug/l	98
32) 1,1,1-Trichloroethane	7.52	97	256436	49.846	ug/l	99
36) 1,1-Dichloropropene	7.75	75	205140	46.099	ug/l	99
37) Ethyl Acetate	6.88	43	195228	48.377	ug/l	99
38) Carbon Tetrachloride	7.73	117	194653	47.505	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	215456	39.641	ug/l	96
40) Benzene	8.00	78	680899	50.774	ug/l	99
41) Methacrylonitrile	7.12	41	87662	51.430	ug/l	97
42) 1,2-Dichloroethane	8.08	62	261026	54.026	ug/l	100
43) Isopropyl Acetate	8.12	43	361082	51.300	ug/l	99
44) Trichloroethene	8.80	130	177174	50.422	ug/l	99
45) 1,2-Dichloropropane	9.08	63	178247	53.103	ug/l	99
46) Dibromomethane	9.17	93	127428	54.154	ug/l	98
47) Bromodichloromethane	9.37	83	264092	53.268	ug/l	98
48) Methyl methacrylate	9.16	41	166100	51.084	ug/l	99
49) 1,4-Dioxane	9.16	88	39354	1156.624	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	1006124	262.401	ug/l	99
52) Toluene	10.12	92	439397	51.036	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	289223	53.225	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	304314	52.682	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	184234	56.601	ug/l	99
56) Ethyl methacrylate	10.40	69	278547	54.737	ug/l	99
57) 1,3-Dichloropropane	10.68	76	310468	55.192	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	585695	262.212	ug/l	98
59) 2-Hexanone	10.72	43	715977	258.097	ug/l	100
60) Dibromochloromethane	10.87	129	202931	56.361	ug/l	100
61) 1,2-Dibromoethane	10.98	107	191950	56.086	ug/l	99
64) Tetrachloroethene	10.60	164	163092	45.817	ug/l	99
65) Chlorobenzene	11.40	112	468288	49.909	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	175956	52.309	ug/l	98
67) Ethyl Benzene	11.48	91	831932	48.573	ug/l	100
68) m/p-Xylenes	11.59	106	637171	98.010	ug/l	99
69) o-Xylene	11.92	106	312799	49.720	ug/l	99
70) Styrene	11.94	104	542986	52.120	ug/l	100
71) Bromoform	12.10	173	130799	50.004	ug/l #	99
73) Isopropylbenzene	12.22	105	783874	45.864	ug/l	100
74) N-amyl acetate	12.04	43	321994	51.469	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.48	83	241902	51.443	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	203887m	44.631	ug/l	
77) Bromobenzene	12.50	156	191235	51.557	ug/l	98
78) n-propylbenzene	12.56	91	886031	45.498	ug/l	99
79) 2-Chlorotoluene	12.65	91	546507	47.478	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	654548	46.772	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	84629	49.144	ug/l	97
82) 4-Chlorotoluene	12.75	91	584116	49.009	ug/l	100
83) tert-Butylbenzene	12.97	119	520170	43.394	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	674022	48.126	ug/l	99
85) sec-Butylbenzene	13.15	105	685033	42.262	ug/l	100
86) p-Isopropyltoluene	13.26	119	622007	43.215	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	337678	49.744	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	341970	50.302	ug/l	100
89) n-Butylbenzene	13.59	91	536217	41.007	ug/l	100
90) Hexachloroethane	13.85	117	87566	44.889	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	332219	51.019	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	49116	51.708	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	168654	47.767	ug/l	99
94) Hexachlorobutadiene	14.98	225	56375	35.935	ug/l	97
95) Naphthalene	15.10	128	597193	53.203	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	164330	46.753	ug/l	99

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

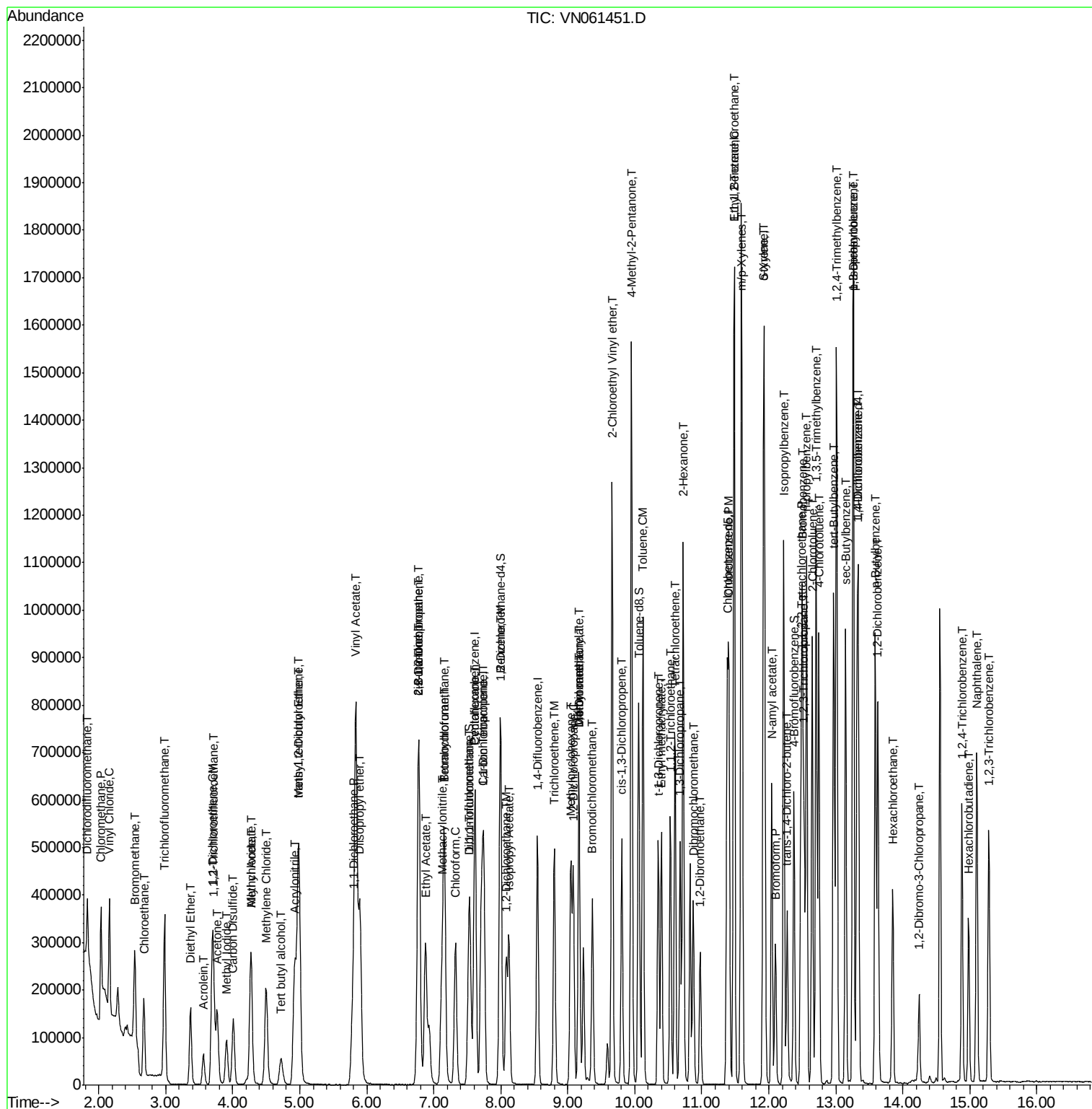
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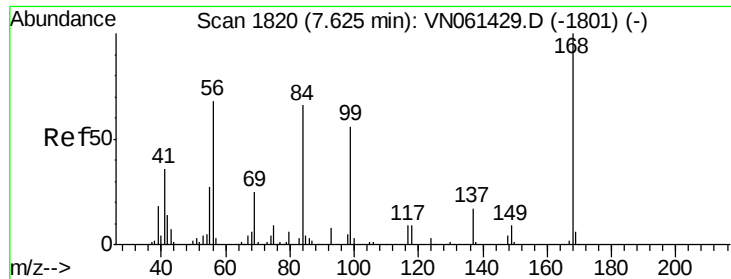
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN061451.D

Acq: 19 May 2020 00:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 246530

Ion Ratio Lower Upper

168 100

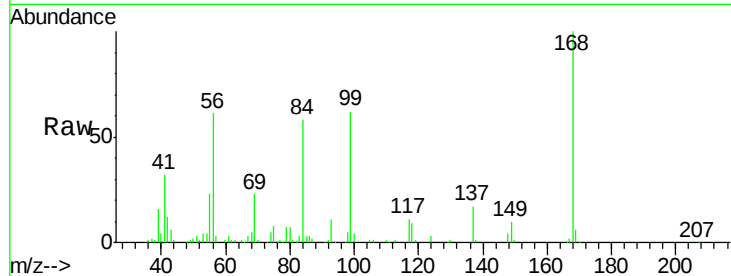
99 61.7 51.1 76.7

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

7.62

100000

80000

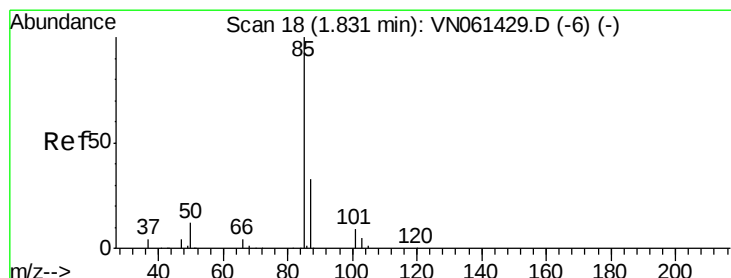
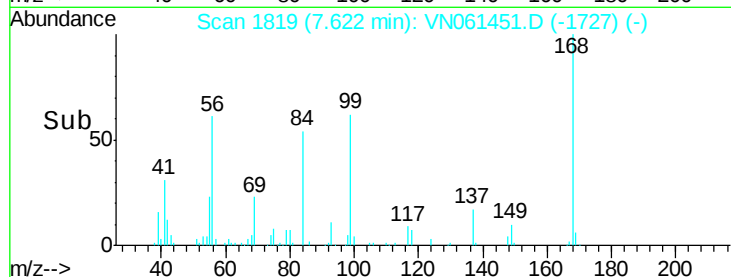
60000

40000

20000

0

Time--> 7.50 7.55 7.60 7.65 7.70



#2

Dichlorodifluoromethane

Concen: 41.520 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN061451.D

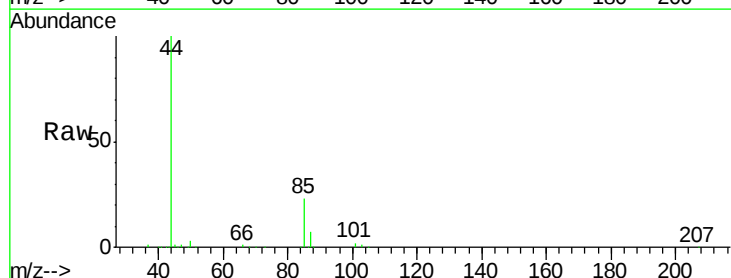
Acq: 19 May 2020 00:20

Tgt Ion: 85 Resp: 85112

Ion Ratio Lower Upper

85 100

87 31.2 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

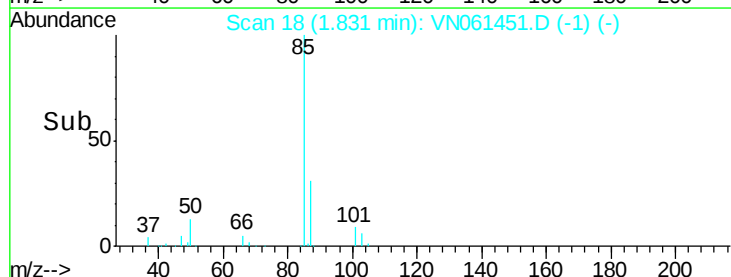
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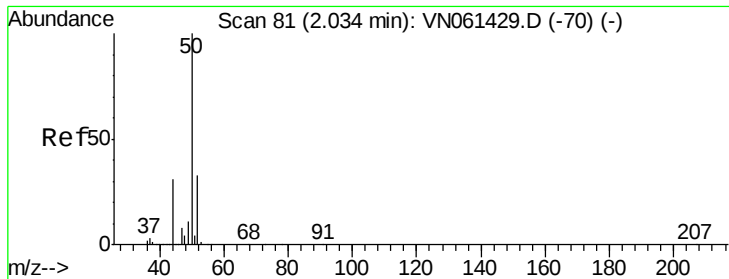
40000

20000

0

Time--> 1.75 1.80 1.85 1.90





#3

Chloromethane

Concen: 46.311 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN061451.D

Acq: 19 May 2020 00:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 154838

Ion Ratio Lower Upper

50 100

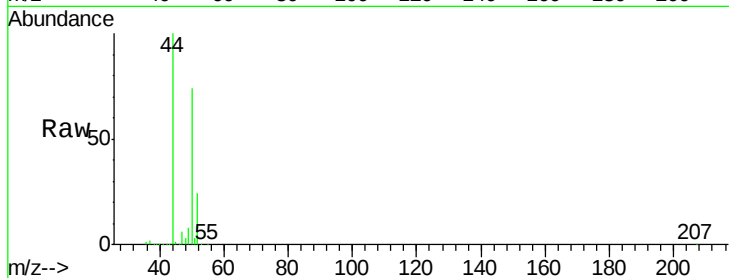
52 32.6 26.7 40.1

Manual Integrations

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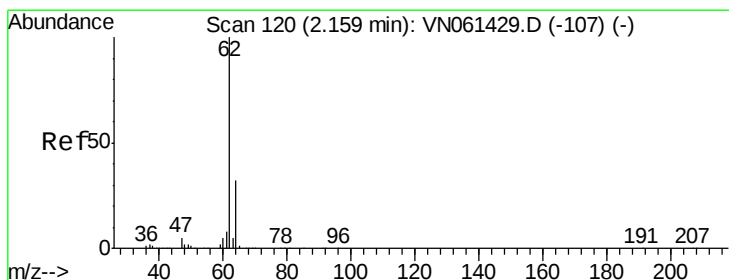
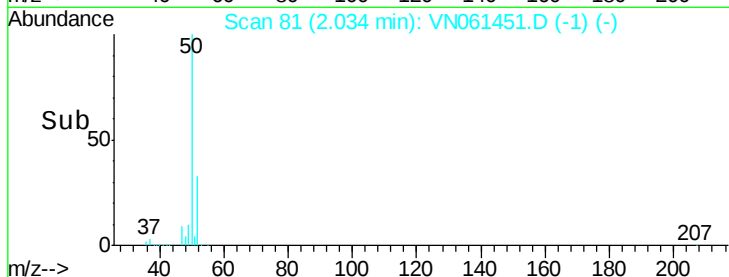
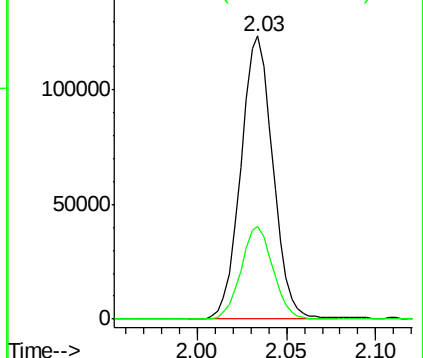
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Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 44.942 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN061451.D

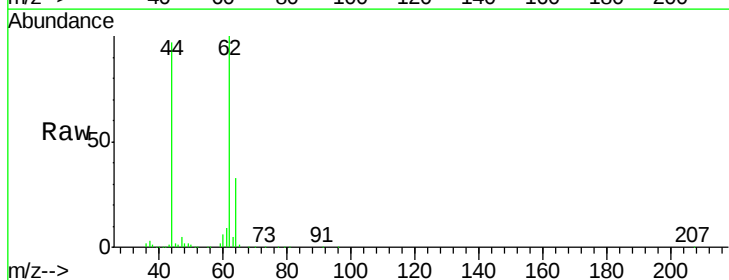
Acq: 19 May 2020 00:20

Tgt Ion: 62 Resp: 215051

Ion Ratio Lower Upper

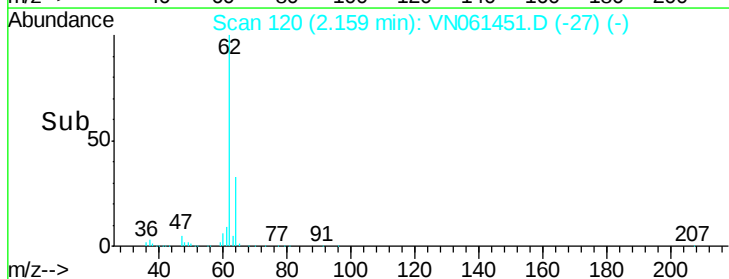
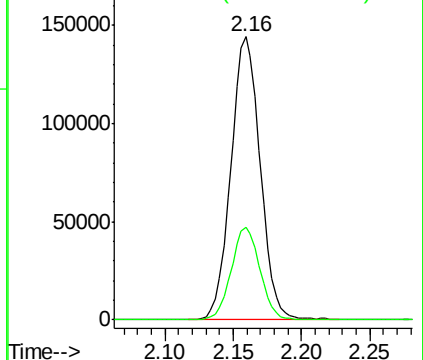
62 100

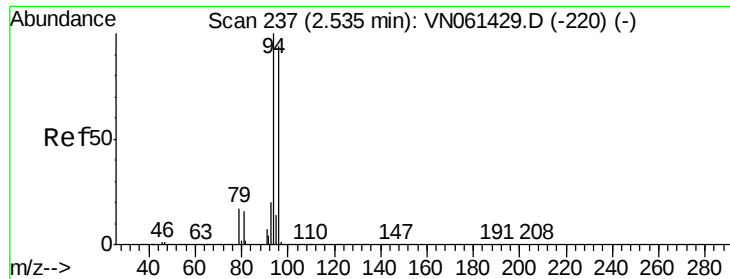
64 32.7 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 57.321 ug/l

RT: 2.54 min Scan# 237

Delta R.T. 0.00 min

Lab File: VN061451.D

Acq: 19 May 2020 00:20

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ClientSampleId :

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Tot Ion: 94 Resp: 137287

Ion Ratio Lower Upper

94 100

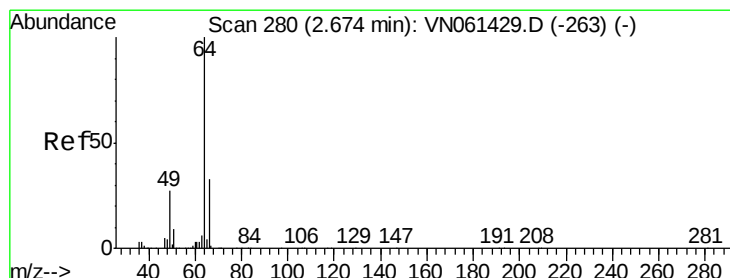
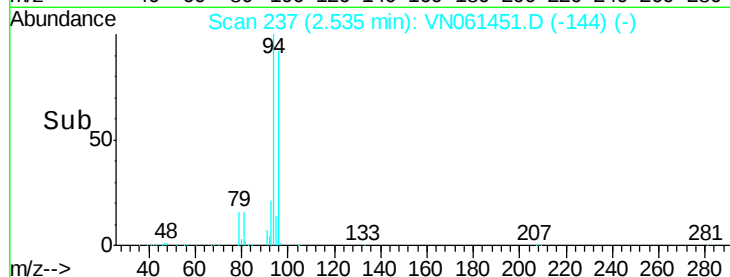
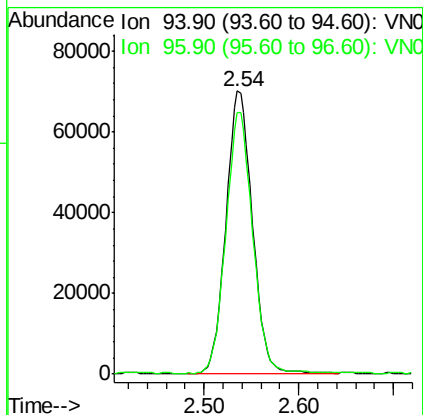
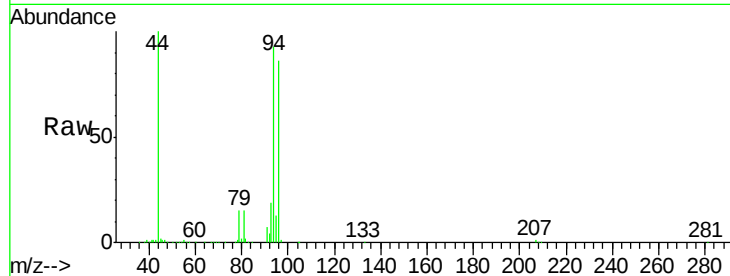
96 91.8 74.9 112.3

Manual Integrations

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#6

Chloroethane

Concen: 47.792 ug/l

RT: 2.67 min Scan# 280

Delta R.T. -0.00 min

Lab File: VN061451.D

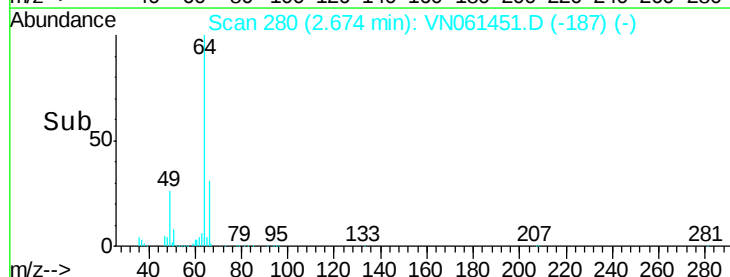
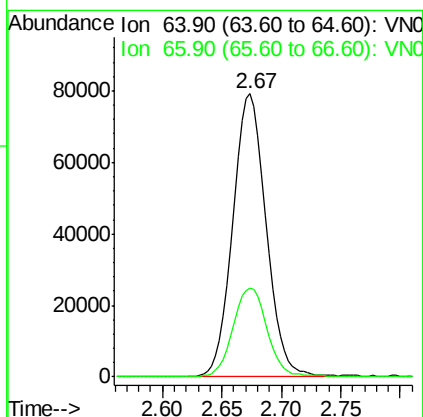
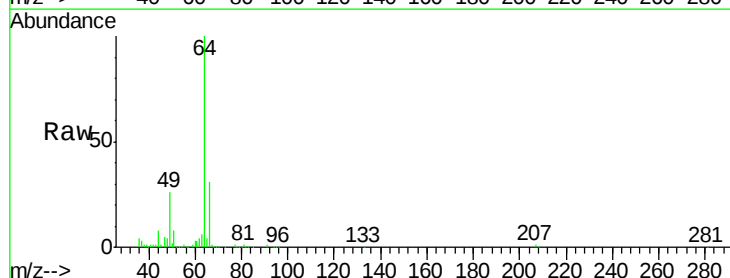
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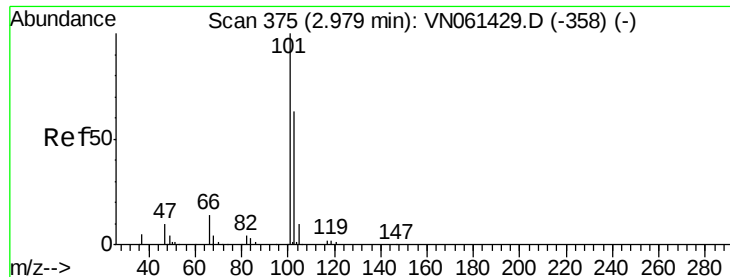
Tgt Ion: 64 Resp: 153922

Ion Ratio Lower Upper

64 100

66 31.3 26.3 39.5





#7

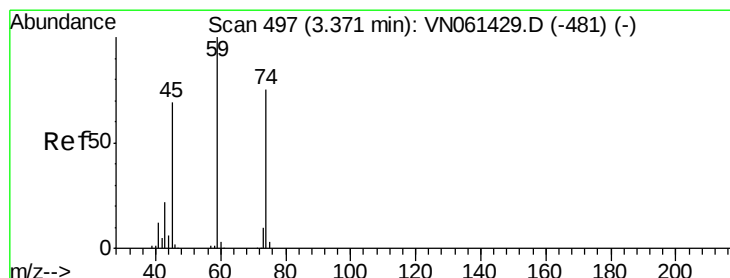
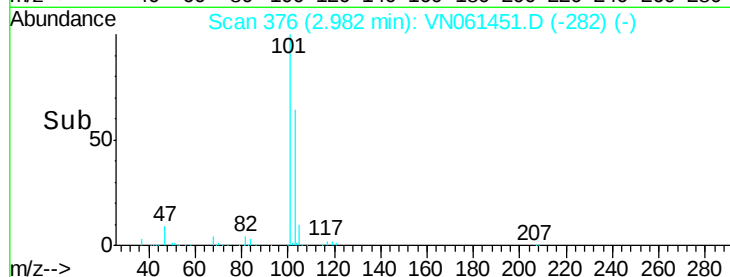
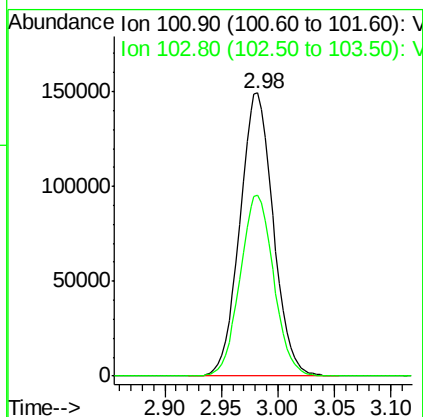
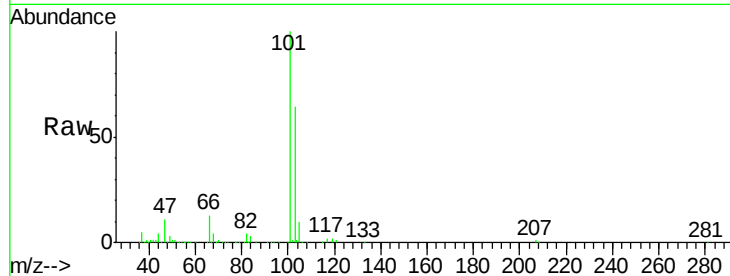
Trichlorofluoromethane
Concen: 52.829 ug/l
RT: 2.98 min Scan# 376
Delta R.T. 0.00 min
Lab File: VN061451.D
Acq: 19 May 2020 00:20

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Tot Ion	Ratio	Resp	Lower	Upper
101	100	306903		
103	64.1	50.2	75.4	

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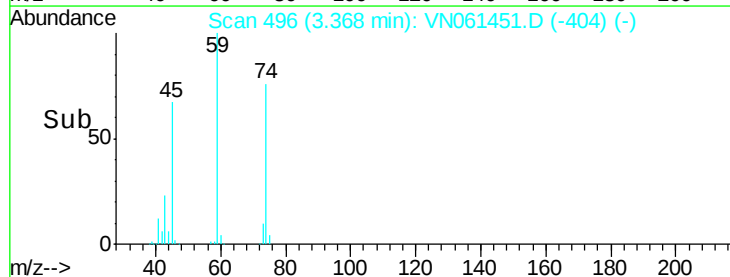
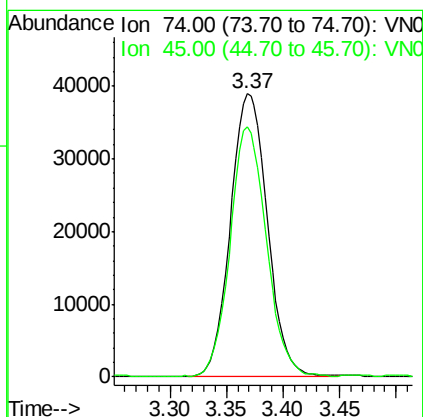
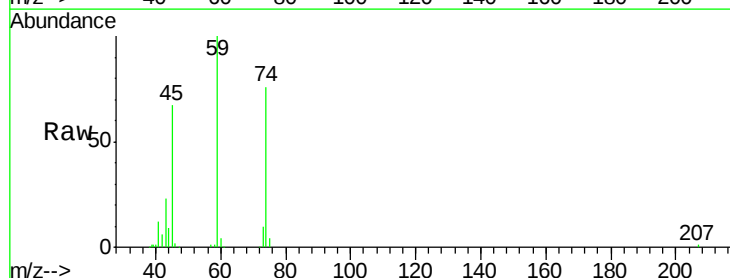
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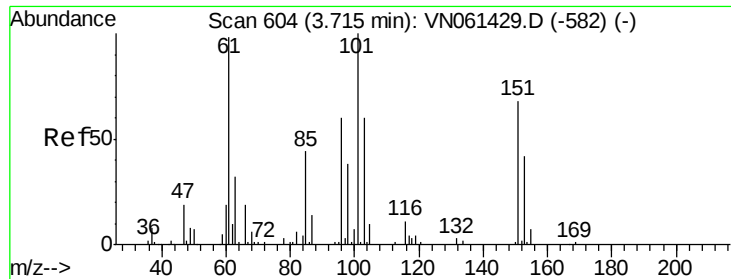


#8

Diethyl Ether
Concen: 52.485 ug/l
RT: 3.37 min Scan# 496
Delta R.T. -0.00 min
Lab File: VN061451.D
Acq: 19 May 2020 00:20

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	88810		
45	86.9	45.7	137.1	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.111 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.00 min

Lab File: VN061451.D

Acq: 19 May 2020 00:20

Instrument :

MSVOA_N

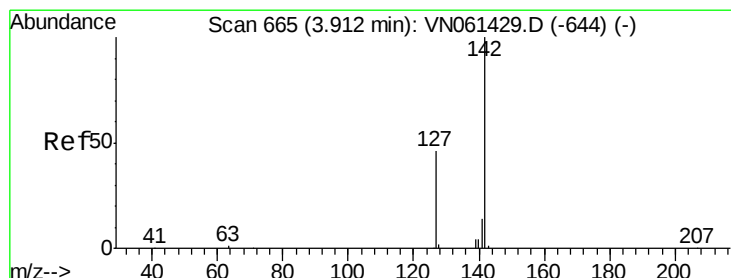
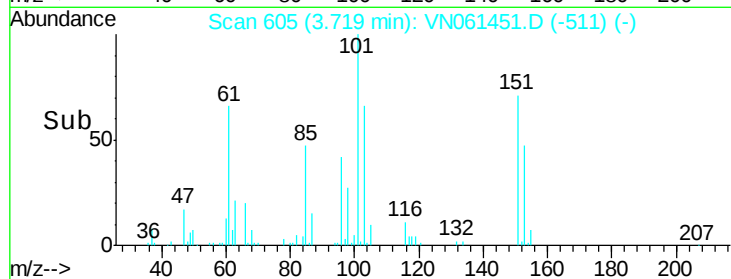
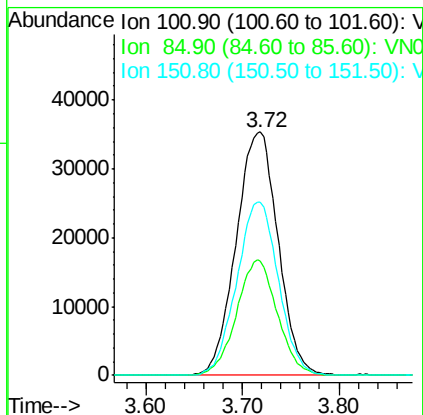
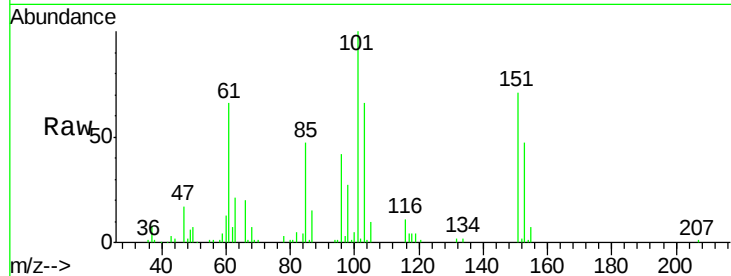
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	106564
Ion Ratio	Lower	Upper	
101	100		
85	46.0	36.6	55.0
151	70.7	56.3	84.5

Manual Integrations
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#10

Methyl Iodide

Concen: 50.552 ug/l

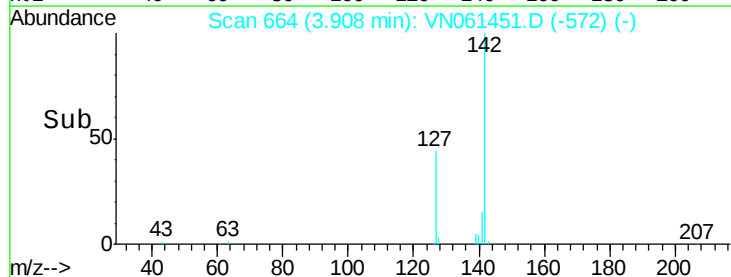
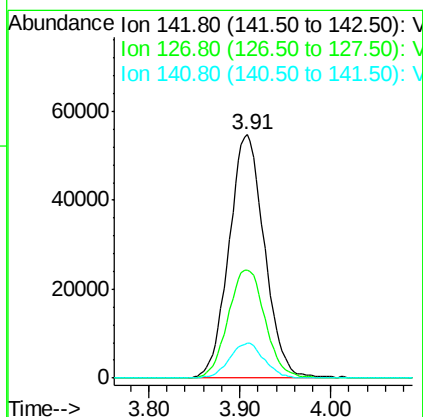
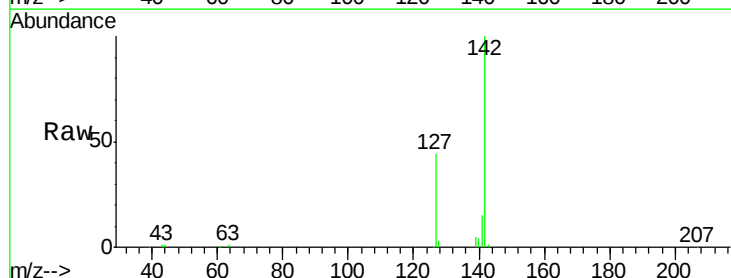
RT: 3.91 min Scan# 664

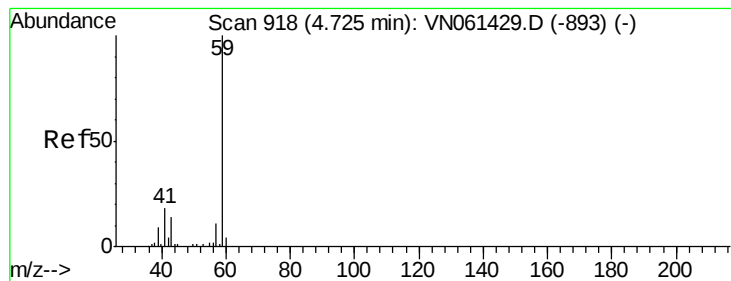
Delta R.T. -0.00 min

Lab File: VN061451.D

Acq: 19 May 2020 00:20

Tgt Ion:	142	Resp:	148329
Ion Ratio	Lower	Upper	
142	100		
127	46.3	36.7	55.1
141	14.2	11.5	17.3





#11

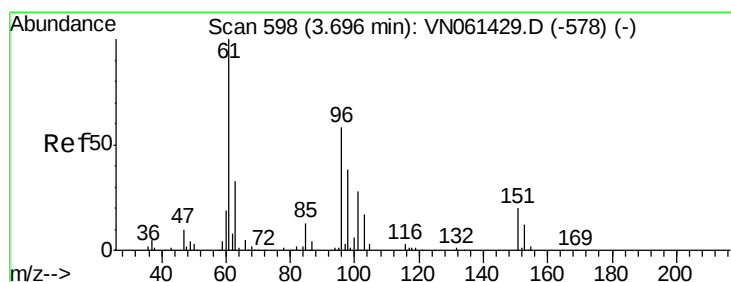
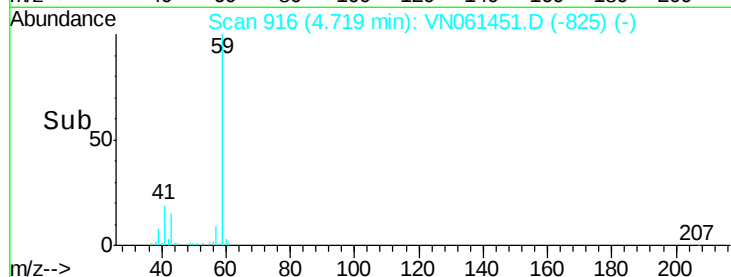
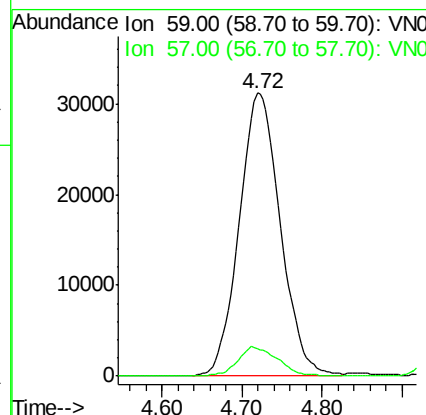
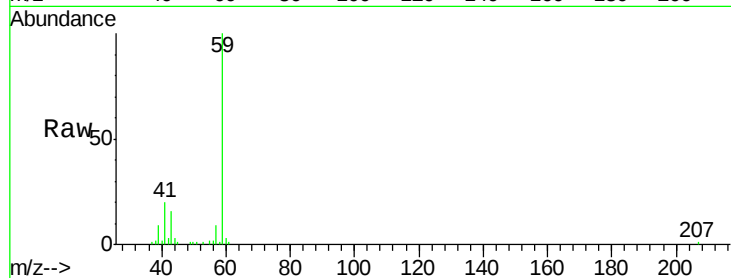
Tert butyl alcohol
Concen: 256.852 ug/l
RT: 4.72 min Scan# 916
Delta R.T. -0.01 min
Lab File: VN061451.D
Acq: 19 May 2020 00:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.2	12.2

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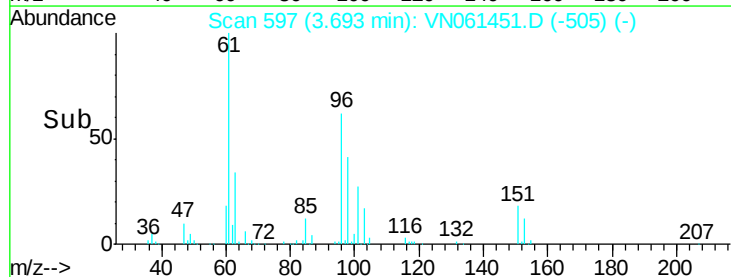
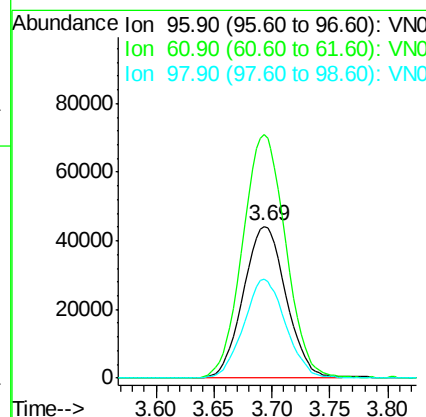
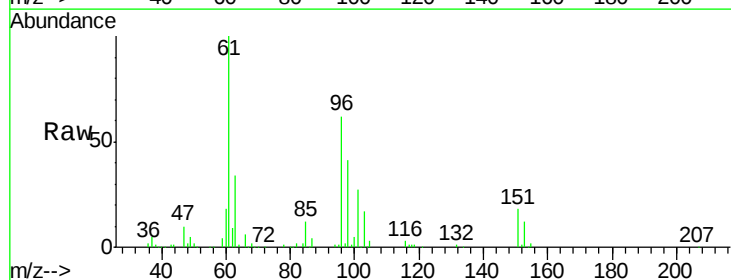
MMDadoda
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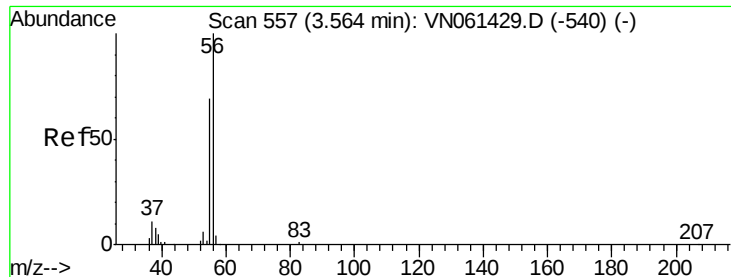


#12

1,1-Dichloroethene
Concen: 44.851 ug/l
RT: 3.69 min Scan# 597
Delta R.T. -0.00 min
Lab File: VN061451.D
Acq: 19 May 2020 00:20

Tgt Ion	Ratio	Lower	Upper
96	100		
61	160.3	138.7	208.1
98	65.3	53.0	79.6





#13

Acrolein

Concen: 239.819 ug/l

RT: 3.56 min Scan# 557

Delta R.T. 0.00 min

Lab File: VN061451.D

Acq: 19 May 2020 00:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 72777

Ion Ratio Lower Upper

56 100

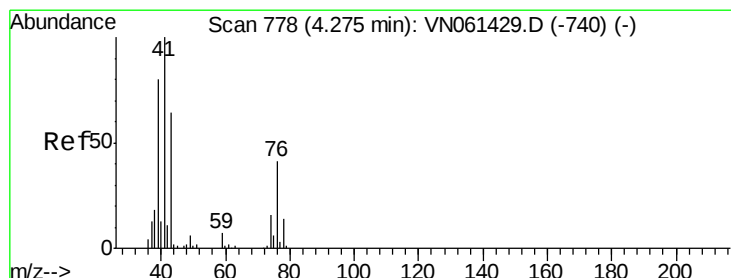
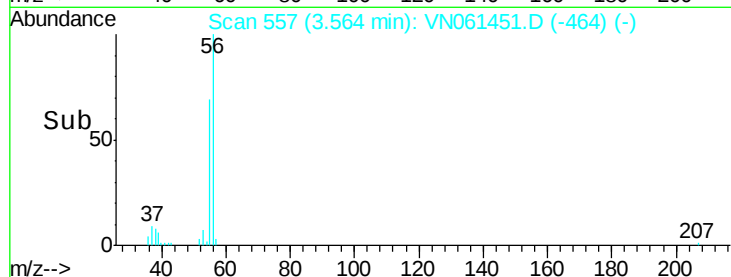
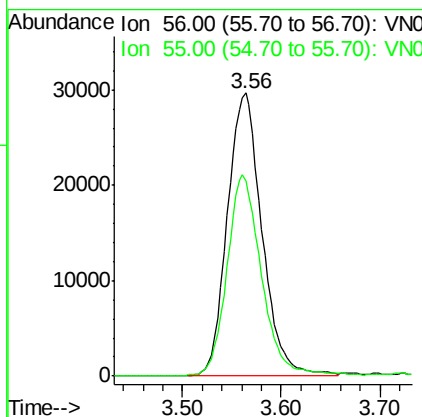
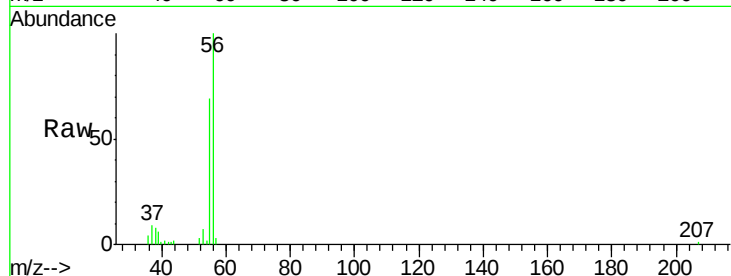
55 70.3 54.8 82.2

Manual Integrations

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#14

Allyl chloride

Concen: 45.416 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN061451.D

Acq: 19 May 2020 00:20

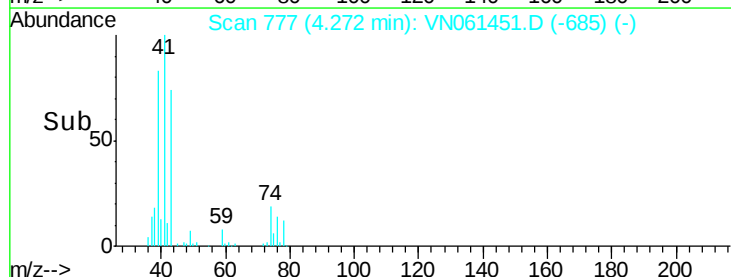
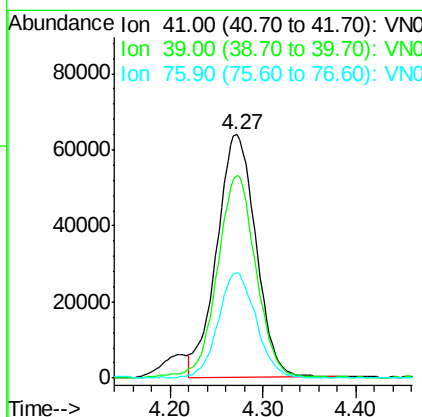
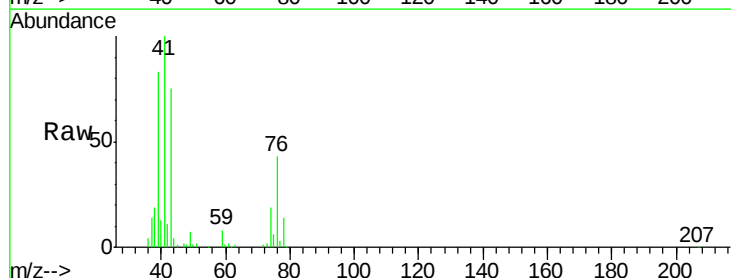
Tgt Ion: 41 Resp: 186775

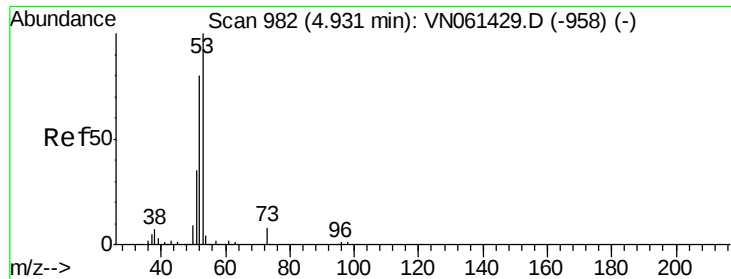
Ion Ratio Lower Upper

41 100

39 83.2 61.2 91.8

76 41.2 29.9 44.9





#15

Acrylonitrile

Concen: 268.224 ug/l

RT: 4.92 min Scan# 980

Delta R.T. -0.01 min

Lab File: VN061451.D

Acq: 19 May 2020 00:20

Instrument :

MSVOA_N

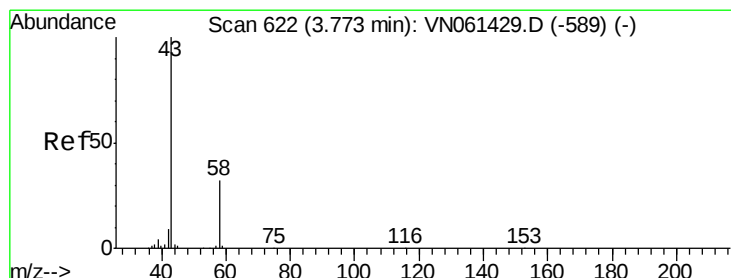
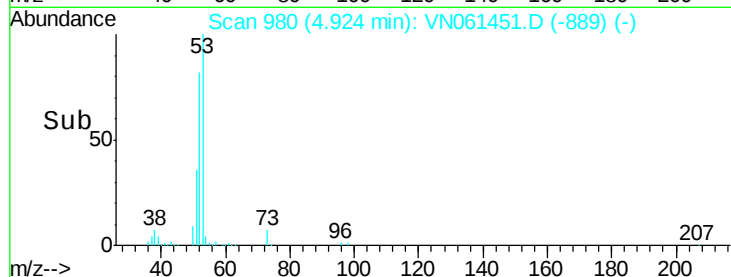
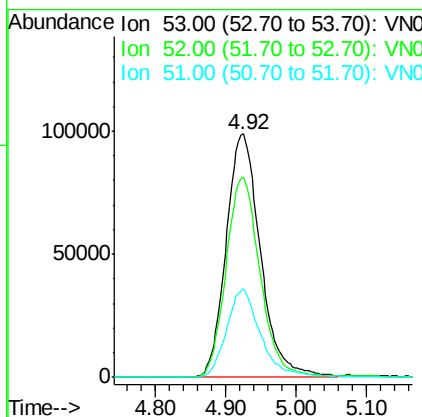
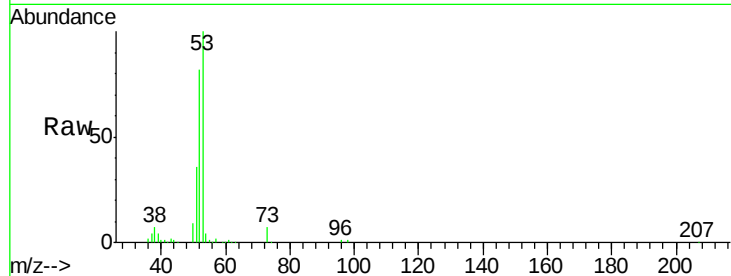
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	336892
Ion Ratio	Lower	Upper	
53	100		
52	81.4	64.7	97.1
51	35.8	29.5	44.3

Manual Integrations
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#16

Acetone

Concen: 261.631 ug/l

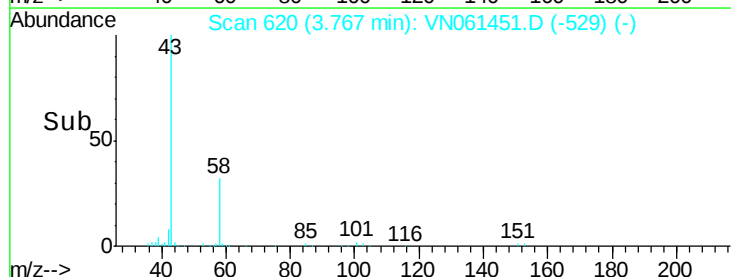
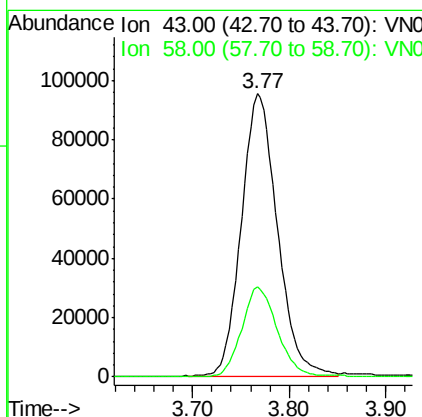
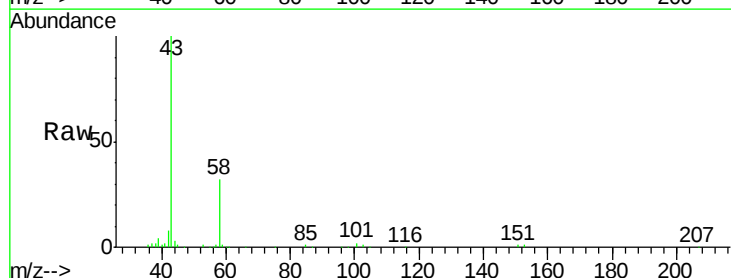
RT: 3.77 min Scan# 620

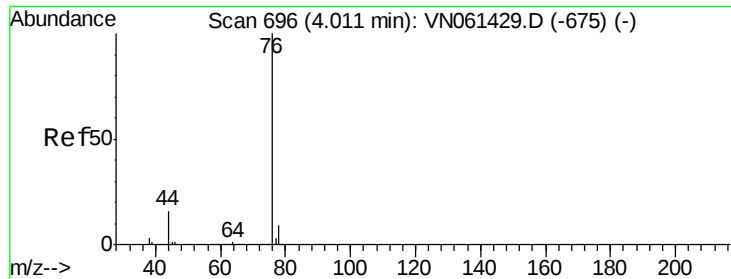
Delta R.T. -0.01 min

Lab File: VN061451.D

Acq: 19 May 2020 00:20

Tgt Ion:	43	Resp:	245768
Ion Ratio	Lower	Upper	
43	100		
58	32.0	25.6	38.4





#17

Carbon Disulfide

Concen: 50.873 ug/l

RT: 4.01 min Scan# 695

Delta R.T. -0.00 min

Lab File: VN061451.D

Acq: 19 May 2020 00:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 275538

Ion Ratio Lower Upper

76 100

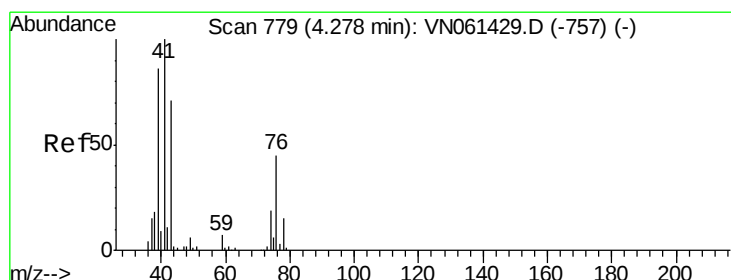
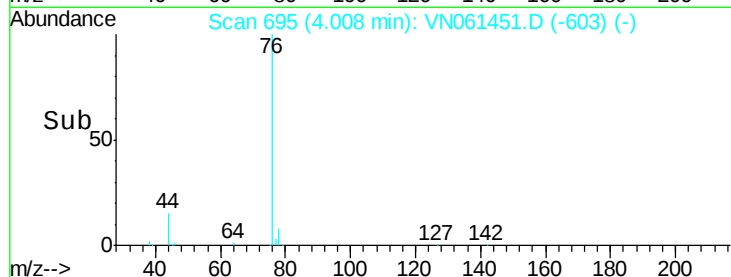
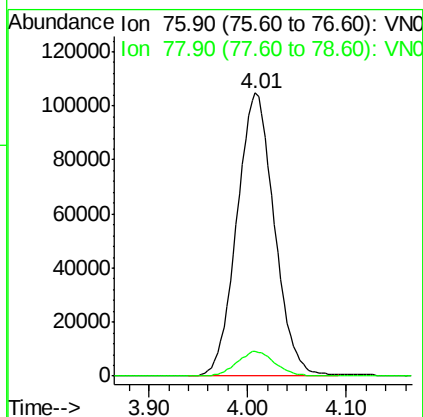
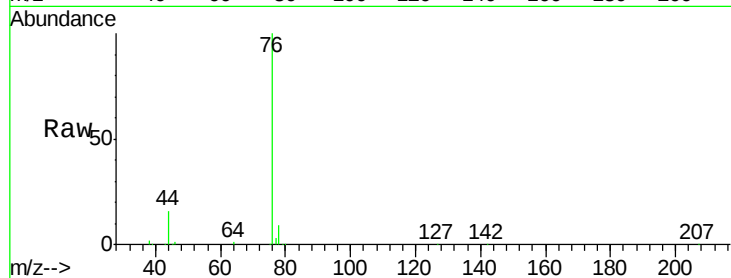
78 8.7 7.4 11.0

Manual Integrations

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#18

Methyl Acetate

Concen: 54.245 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.01 min

Lab File: VN061451.D

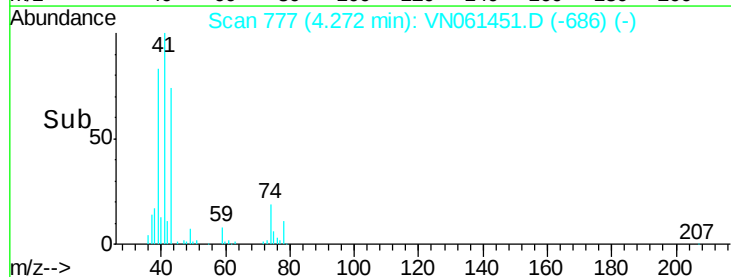
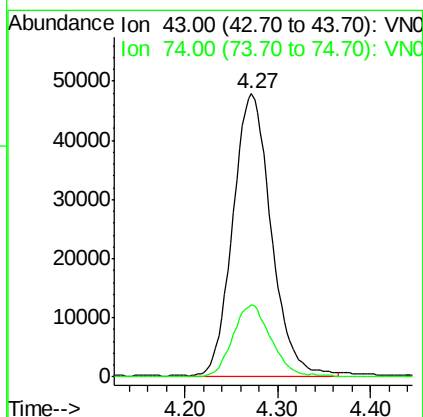
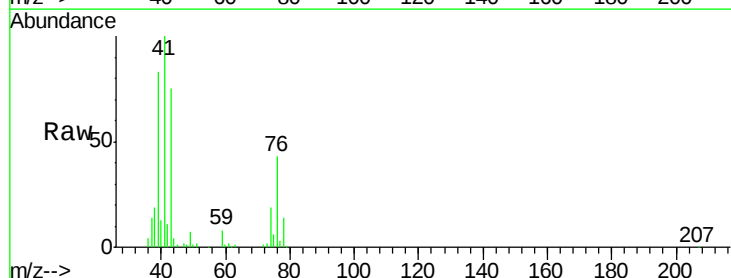
Acq: 19 May 2020 00:20

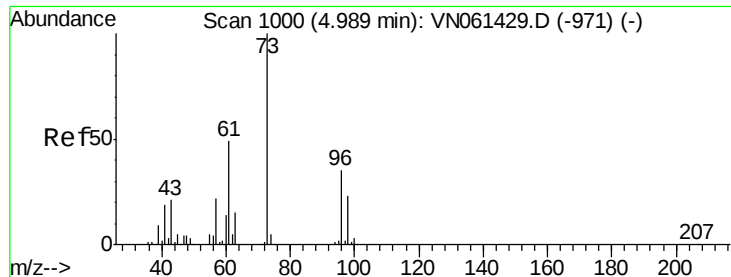
Tgt Ion: 43 Resp: 136646

Ion Ratio Lower Upper

43 100

74 25.8 20.8 31.2





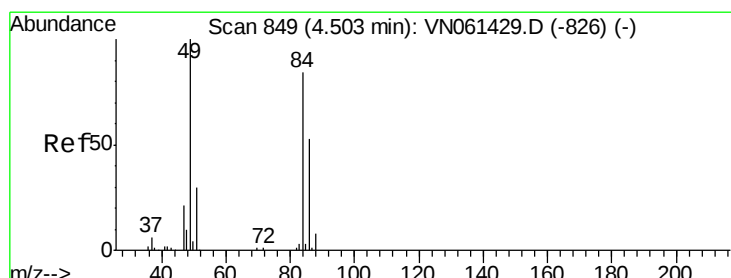
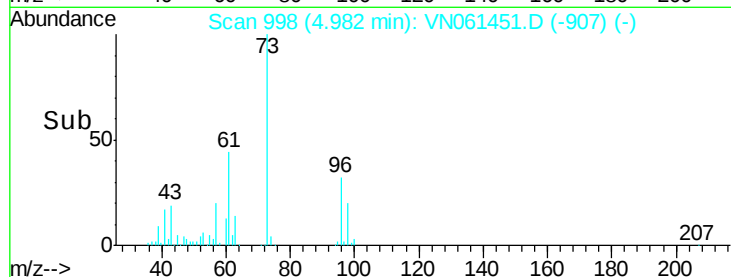
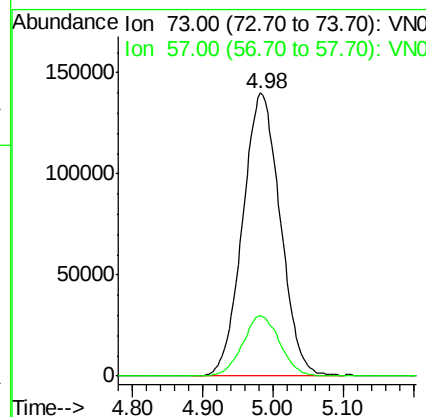
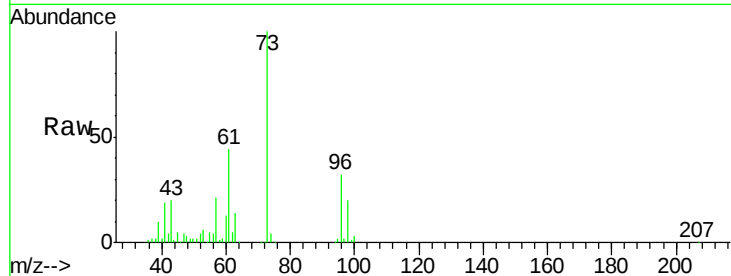
#19
Methvl tert-butvl Ether
Concen: 54.328 ug/l
RT: 4.98 min Scan# 998
Delta R.T. -0.01 min
Lab File: VN061451.D
Acq: 19 May 2020 00:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 520985
Ion Ratio Lower Upper
73 100
57 21.2 17.4 26.0

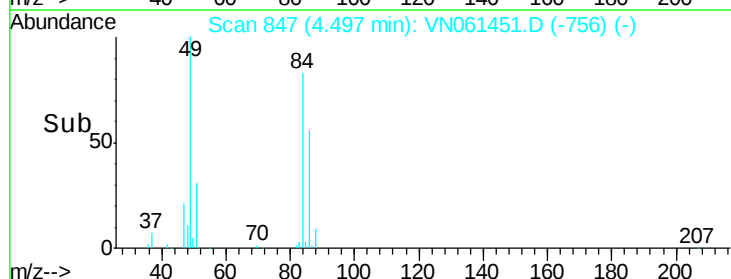
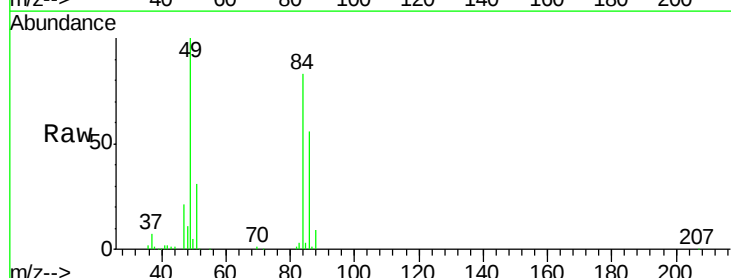
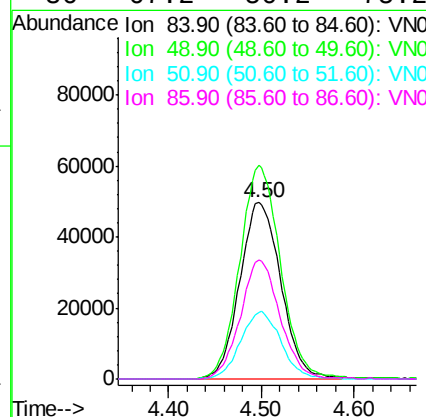
Manual Integrations
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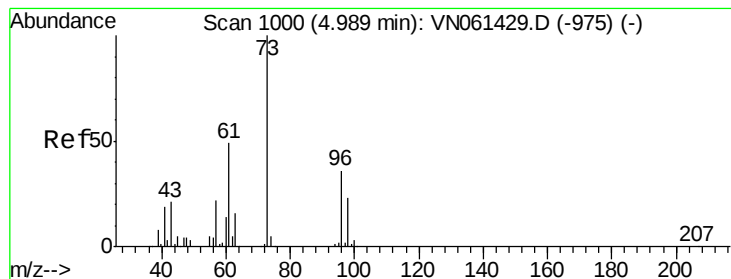
MMDadoda
5/19/2020 4:24:44 PM



#20
Methylene Chloride
Concen: 50.580 ug/l
RT: 4.50 min Scan# 847
Delta R.T. -0.01 min
Lab File: VN061451.D
Acq: 19 May 2020 00:20

Tgt Ion: 84 Resp: 152947
Ion Ratio Lower Upper
84 100
49 121.0 95.3 142.9
51 37.6 29.0 43.6
86 67.2 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 49.396 ug/l

RT: 4.98 min Scan# 998

Delta R.T. -0.01 min

Lab File: VN061451.D

Acq: 19 May 2020 00:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 143936

Ion Ratio Lower Upper

96 100

61 138.2 109.8 164.6

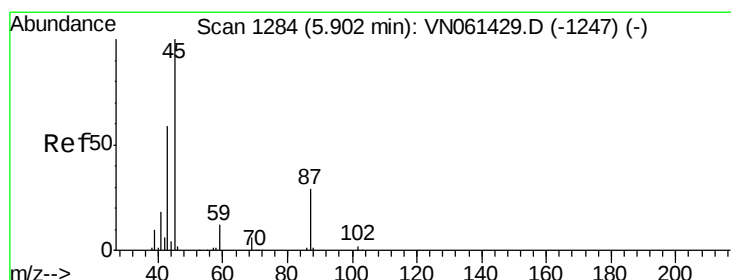
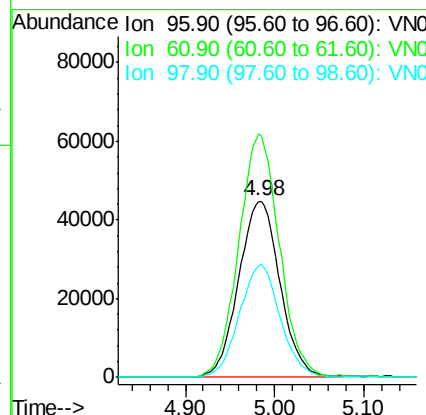
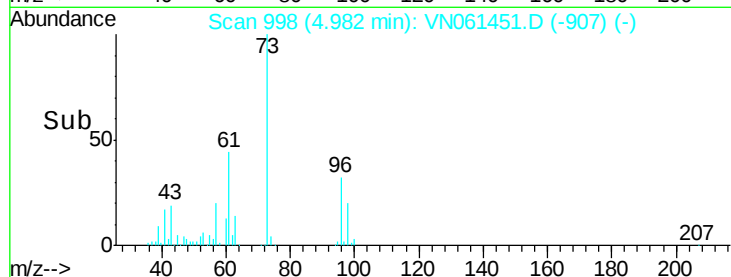
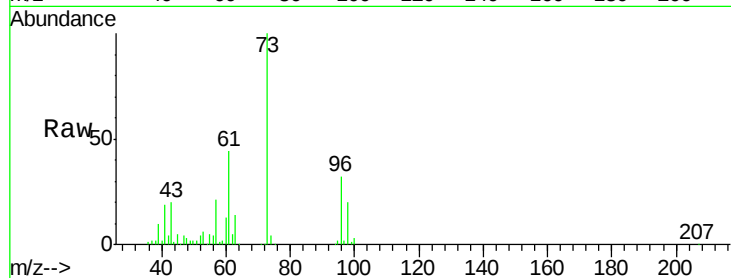
98 63.8 52.4 78.6

Manual Integrations

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#22

Diisopropyl ether

Concen: 53.874 ug/l

RT: 5.89 min Scan# 1281

Delta R.T. -0.01 min

Lab File: VN061451.D

Acq: 19 May 2020 00:20

Tgt Ion: 45 Resp: 497871

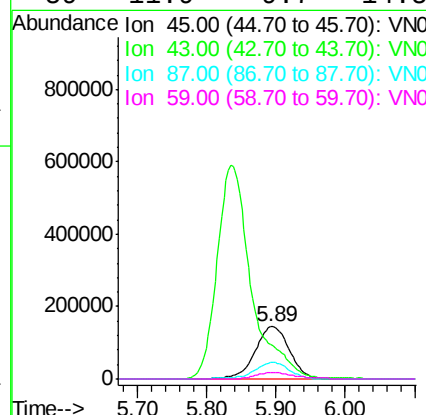
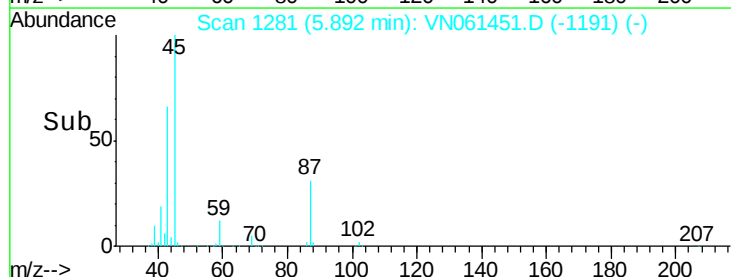
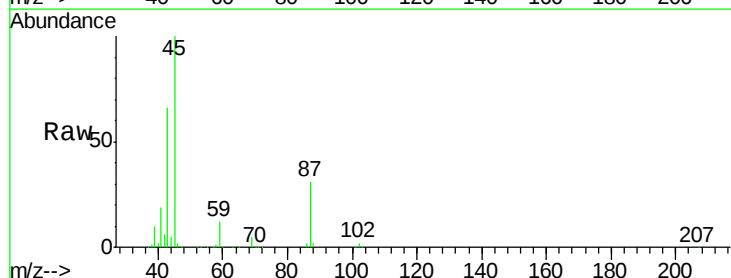
Ion Ratio Lower Upper

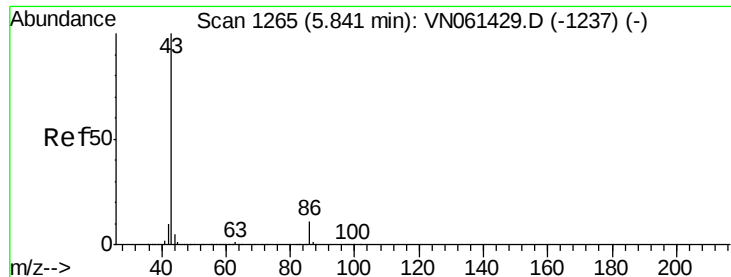
45 100

43 64.8 47.9 71.9

87 31.1 24.0 36.0

59 11.9 9.7 14.5





#23

Vinyl Acetate

Concen: 276.713 ug/l

RT: 5.83 min Scan# 1263

Delta R.T. -0.01 min

Lab File: VN061451.D

Acq: 19 May 2020 00:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2033519

Ion Ratio Lower Upper

43 100

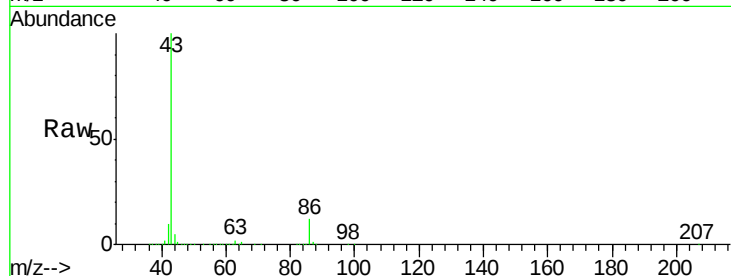
86 12.0 9.1 13.7

Manual Integrations

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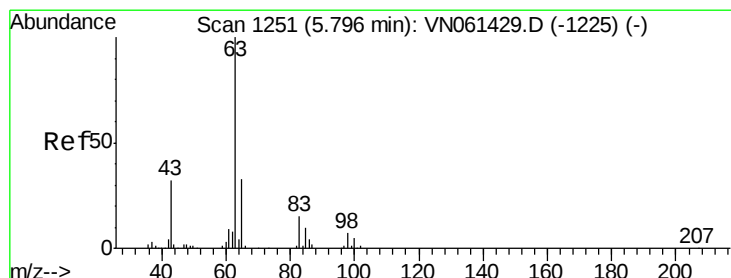
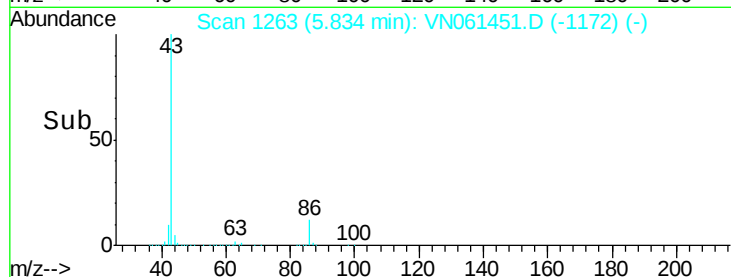
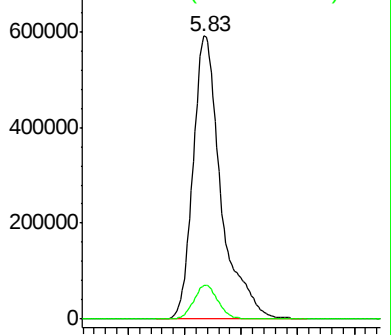
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 52.201 ug/l

RT: 5.79 min Scan# 1250

Delta R.T. -0.00 min

Lab File: VN061451.D

Acq: 19 May 2020 00:20

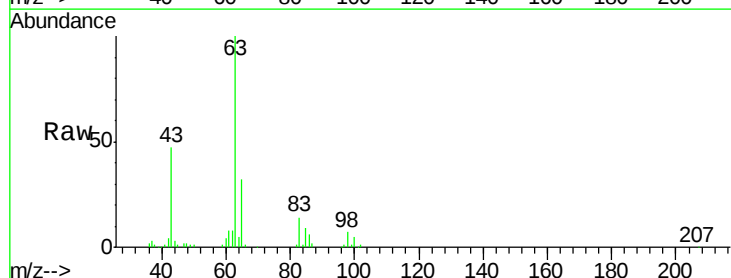
Tgt Ion: 63 Resp: 281376

Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.5

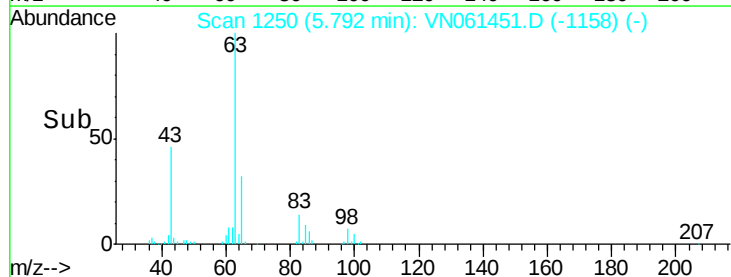
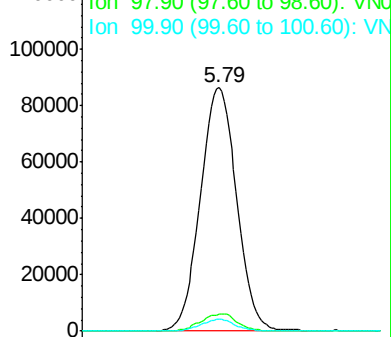
100 5.0 2.3 6.9

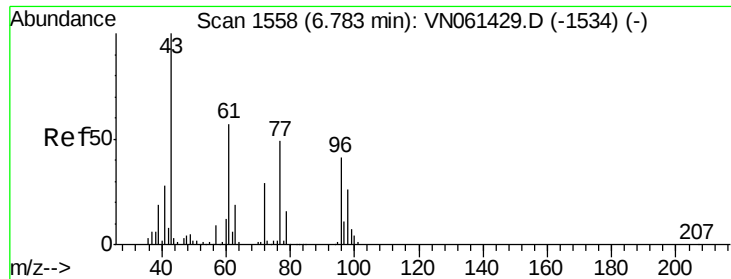


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





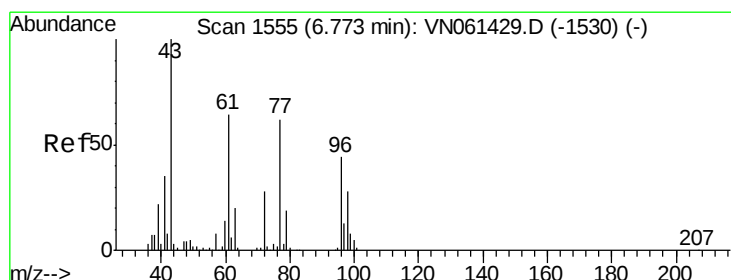
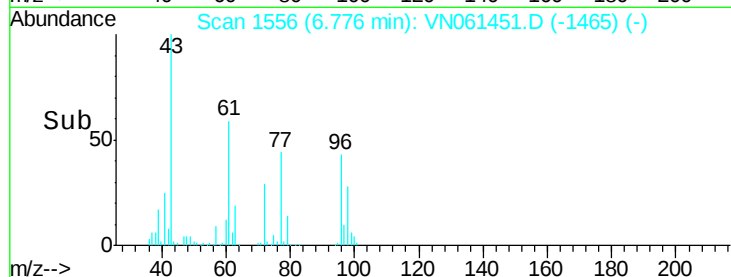
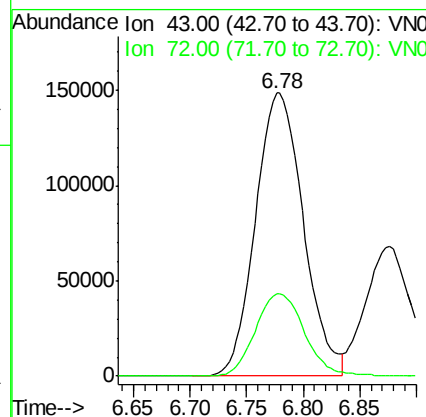
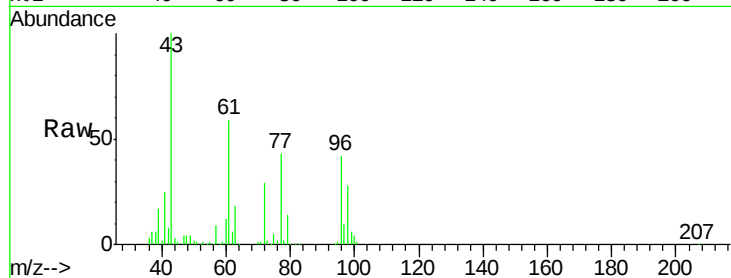
#25
2-Butanone
Concen: 260.012 ug/l
RT: 6.78 min Scan# 1556
Delta R.T. -0.01 min
Lab File: VN061451.D
Acq: 19 May 2020 00:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 435581
Ion Ratio Lower Upper
43 100
72 29.3 23.0 34.6

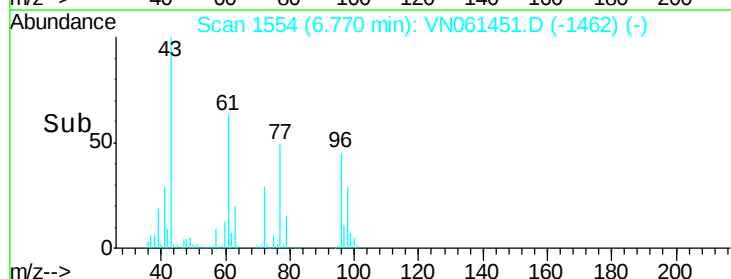
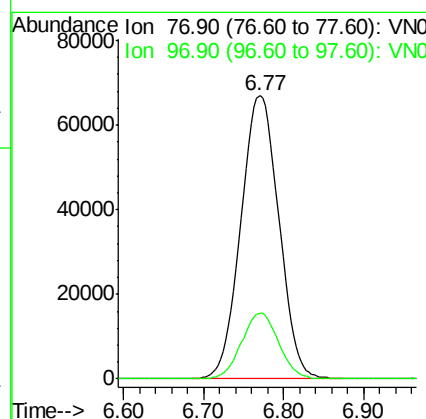
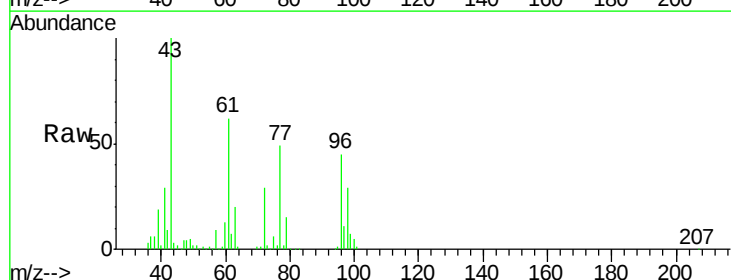
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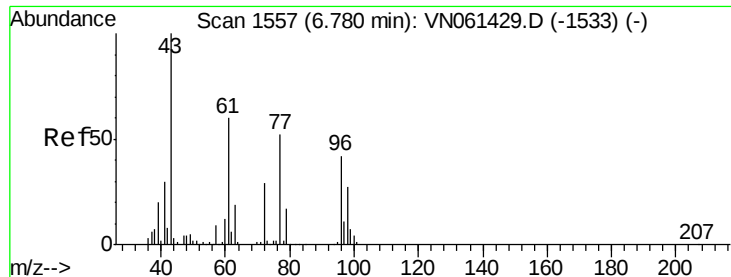
MMDadoda
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#26
2,2-Dichloropropane
Concen: 42.115 ug/l
RT: 6.77 min Scan# 1554
Delta R.T. -0.00 min
Lab File: VN061451.D
Acq: 19 May 2020 00:20

Tgt Ion: 77 Resp: 216407
Ion Ratio Lower Upper
77 100
97 22.6 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 53.579 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. -0.00 min

Lab File: VN061451.D

Acq: 19 May 2020 00:20

Instrument :

MSVOA_N

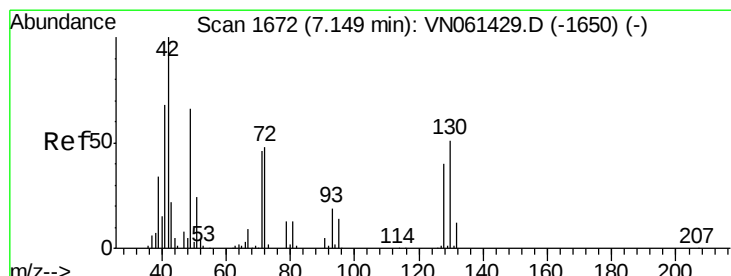
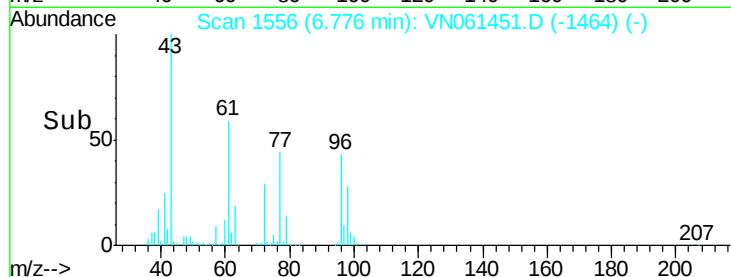
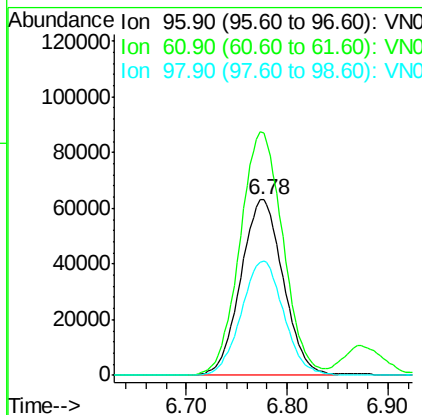
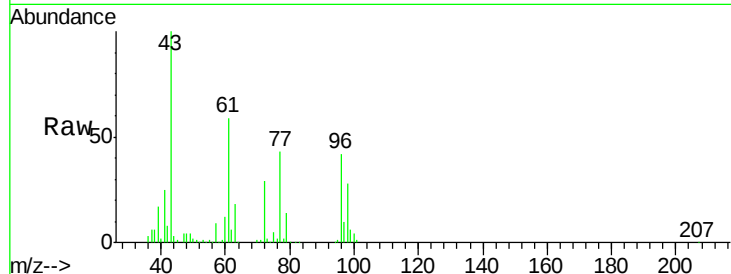
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	184418
Ion Ratio	Lower	Upper	
96	100		
61	140.2	0.0	294.2
98	65.1	0.0	128.2

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#28

Bromochloromethane

Concen: 60.817 ug/l

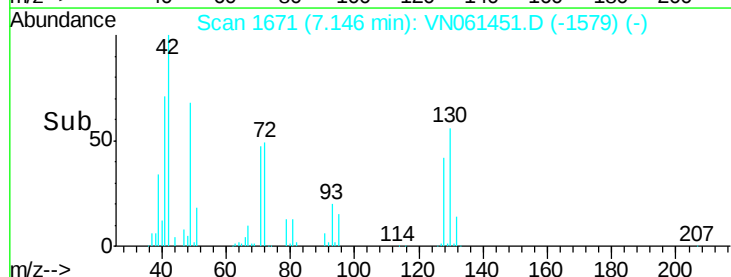
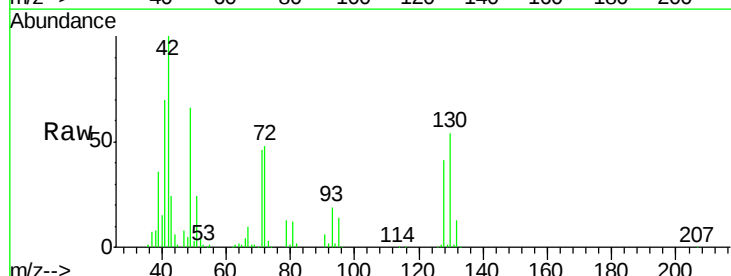
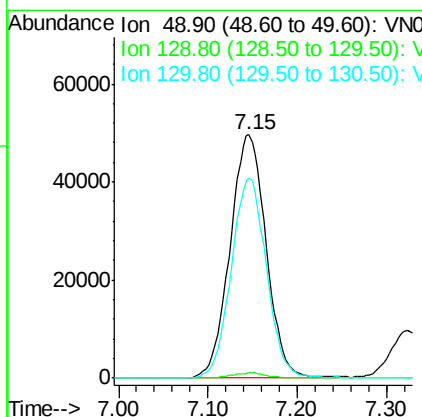
RT: 7.15 min Scan# 1671

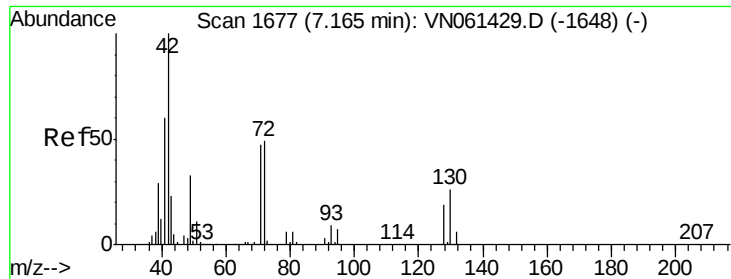
Delta R.T. -0.00 min

Lab File: VN061451.D

Acq: 19 May 2020 00:20

Tgt Ion:	49	Resp:	139148
Ion Ratio	Lower	Upper	
49	100		
129	2.0	0.0	4.6
130	80.1	62.2	93.2





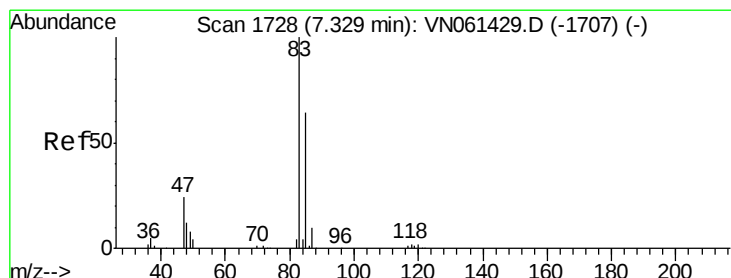
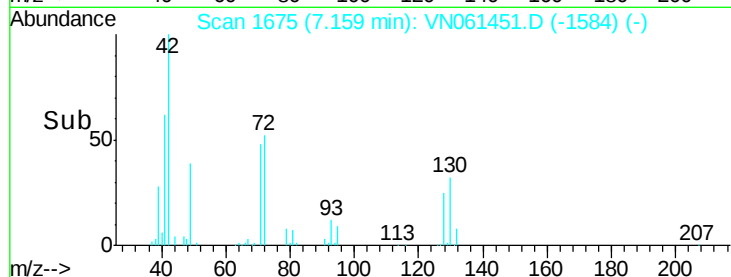
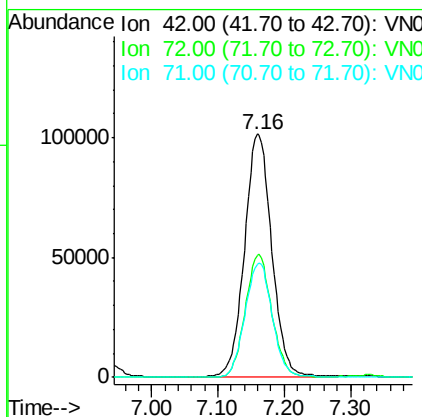
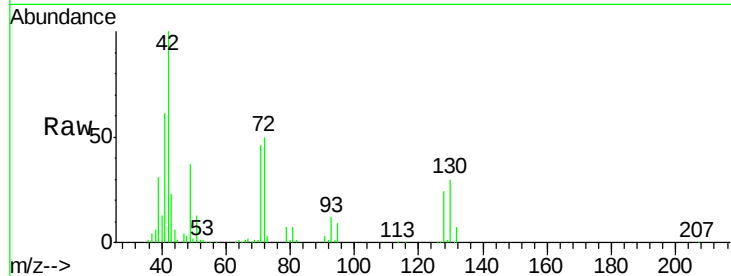
#29
Tetrahydrofuran
Concen: 262.813 ug/l
RT: 7.16 min Scan# 1675
Delta R.T. -0.01 min
Lab File: VN061451.D
Acq: 19 May 2020 00:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.9	39.0	58.6
71	46.6	36.9	55.3

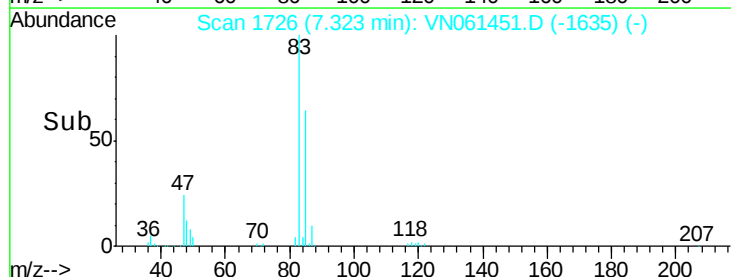
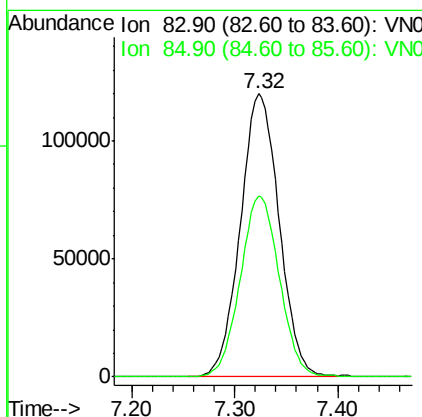
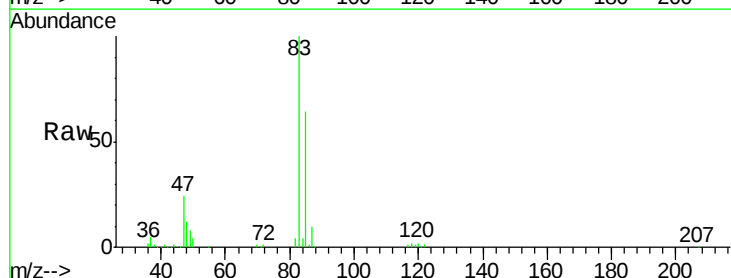
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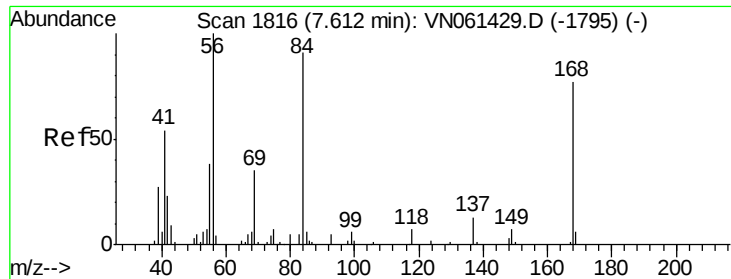
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#30
Chloroform
Concen: 55.573 ug/l
RT: 7.32 min Scan# 1726
Delta R.T. -0.01 min
Lab File: VN061451.D
Acq: 19 May 2020 00:20

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.8	51.0	76.4





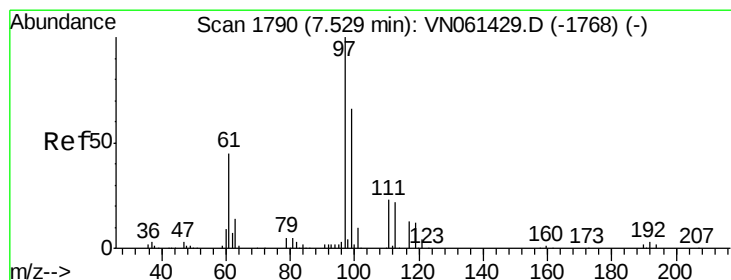
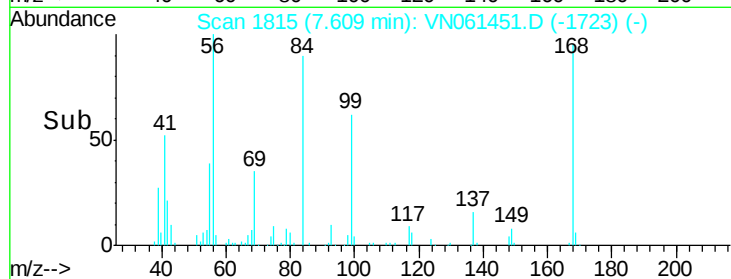
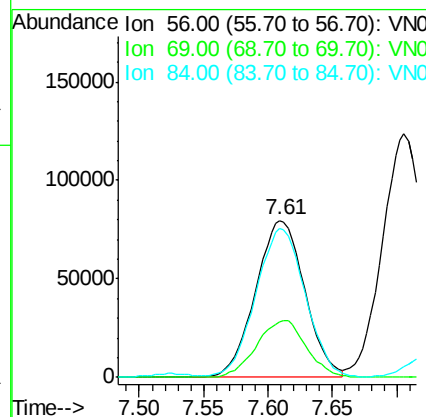
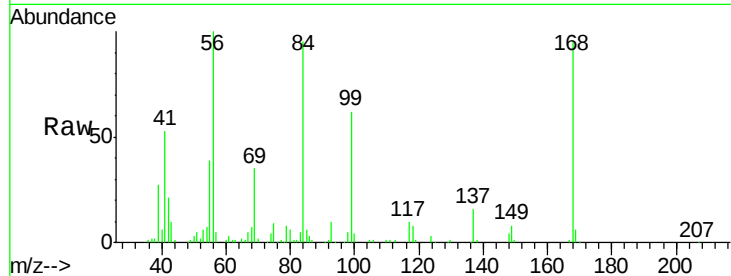
#31
Cyclohexane
Concen: 44.290 ug/l
RT: 7.61 min Scan# 1815
Delta R.T. -0.00 min
Lab File: VN061451.D
Acq: 19 May 2020 00:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	35.1	27.8	41.6
84	93.9	72.7	109.1

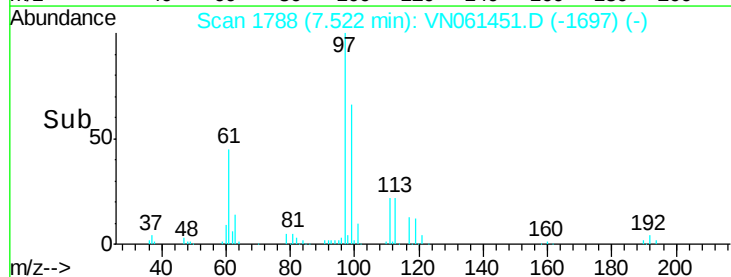
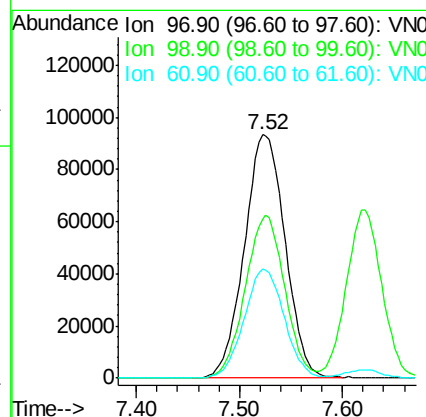
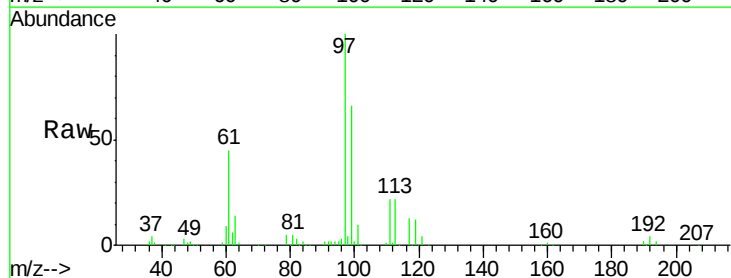
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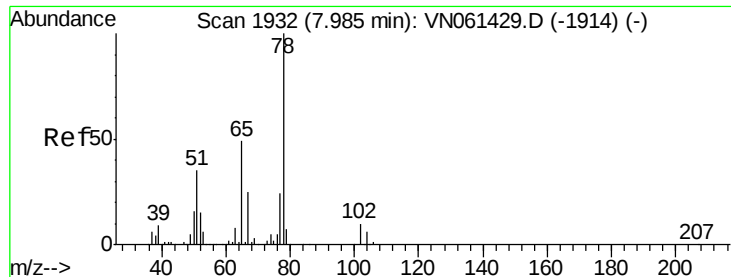
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#32
1,1,1-Trichloroethane
Concen: 49.846 ug/l
RT: 7.52 min Scan# 1788
Delta R.T. -0.01 min
Lab File: VN061451.D
Acq: 19 May 2020 00:20

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.5	77.3
61	44.0	35.8	53.6





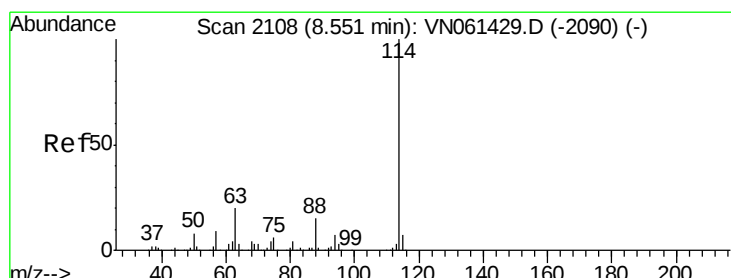
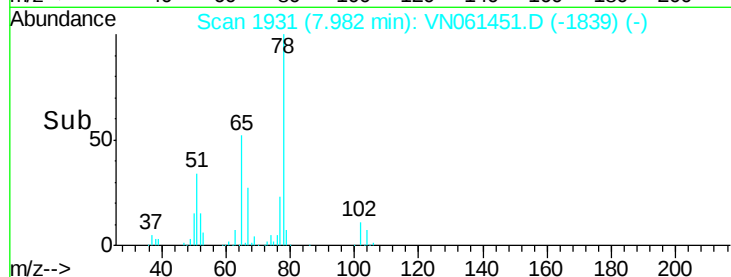
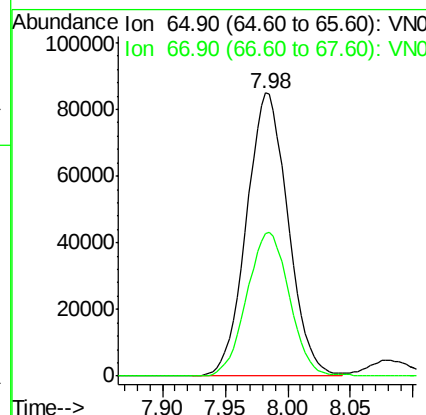
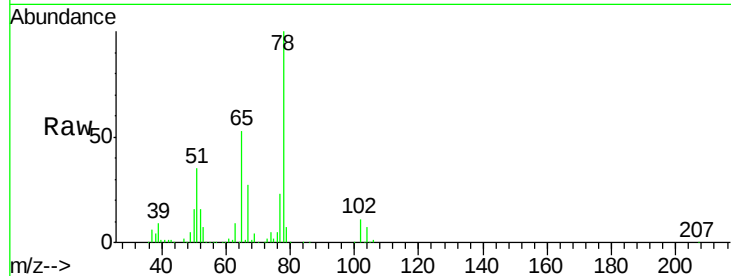
#33
 1,2-Dichloroethane-d4
 Concen: 53.308 ug/l
 RT: 7.98 min Scan# 1931
 Delta R.T. -0.00 min
 Lab File: VN061451.D
 Acq: 19 May 2020 00:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	196139		
67	52.1	0.0	101.4	

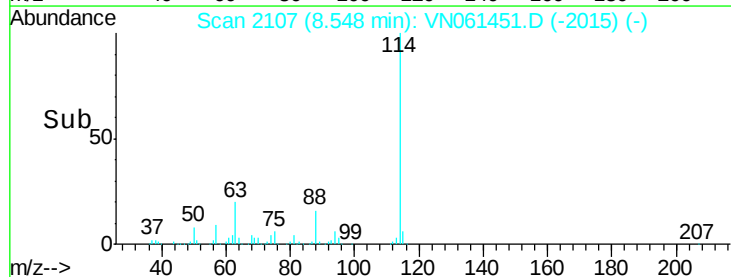
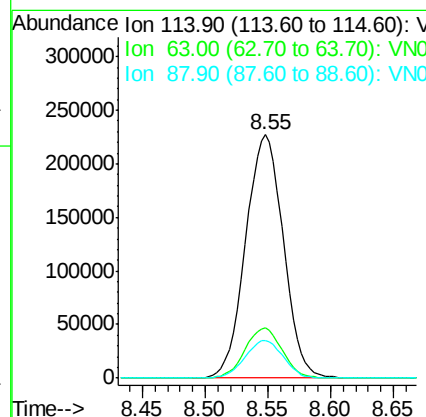
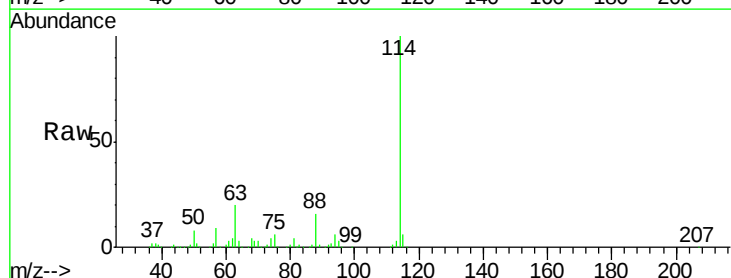
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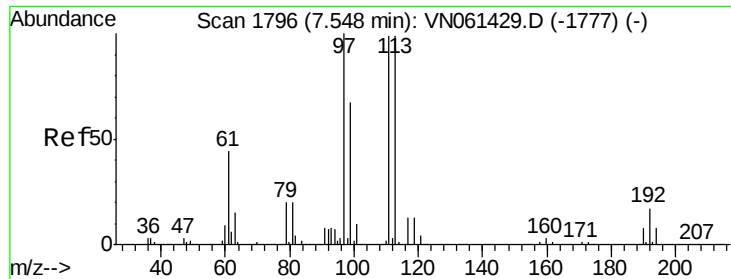
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 5/19/2020 4:24:44 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN061451.D
 Acq: 19 May 2020 00:20

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	475905		
63	20.5	0.0	40.8	
88	15.6	0.0	30.8	





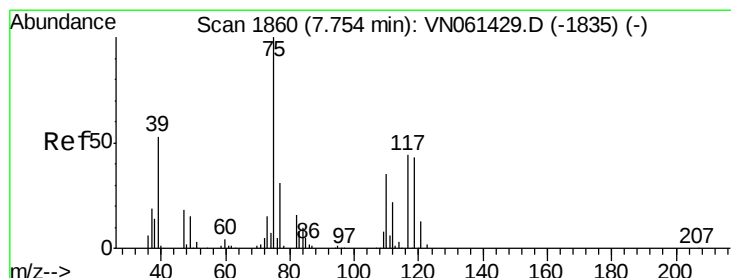
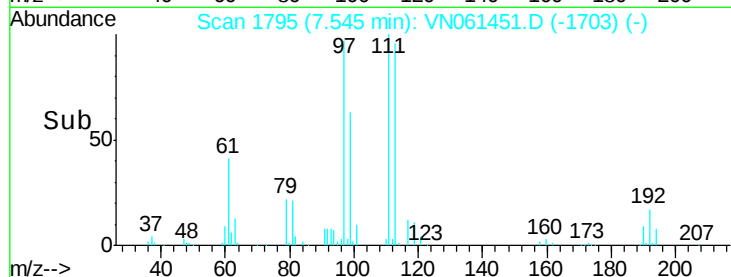
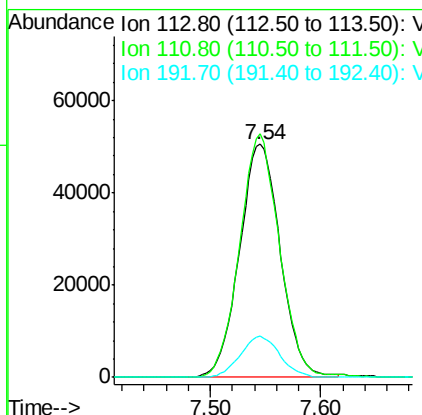
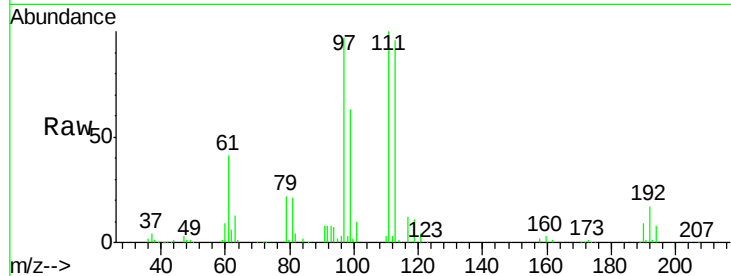
#35
Dibromofluoromethane
Concen: 51.890 ug/l
RT: 7.54 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VN061451.D
Acq: 19 May 2020 00:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	129370		
111	102.1	80.6	121.0	
192	17.0	13.2	19.8	

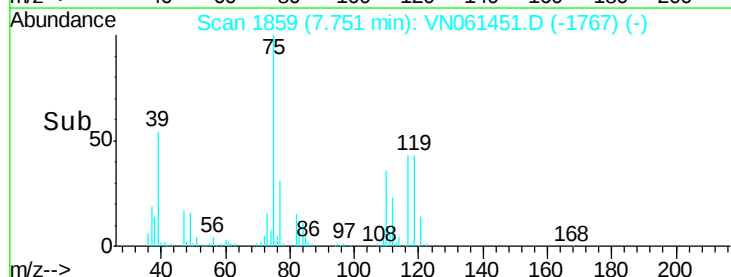
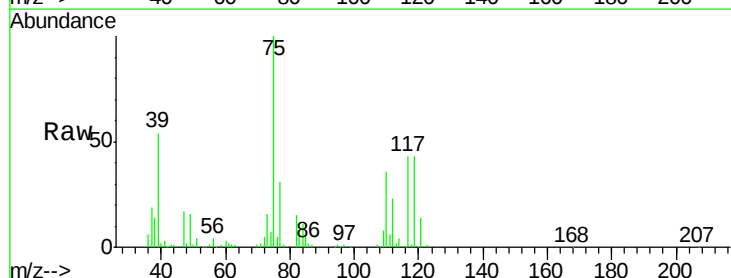
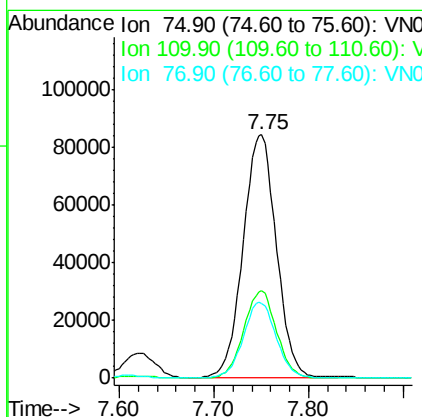
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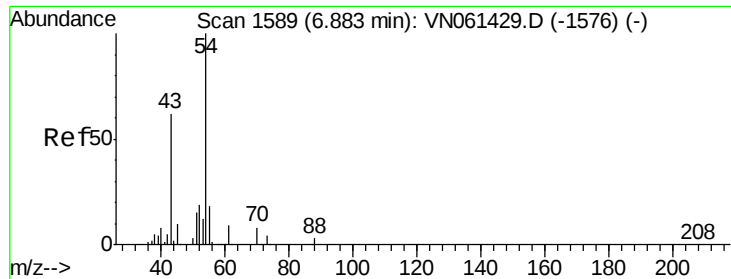
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#36
1,1-Dichloropropene
Concen: 46.099 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VN061451.D
Acq: 19 May 2020 00:20

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	205140		
110	35.4	17.3	51.9	
77	31.2	24.9	37.3	





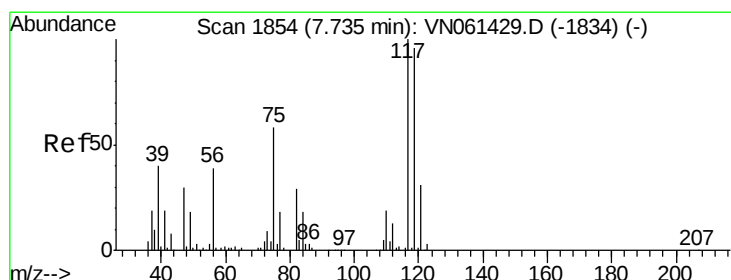
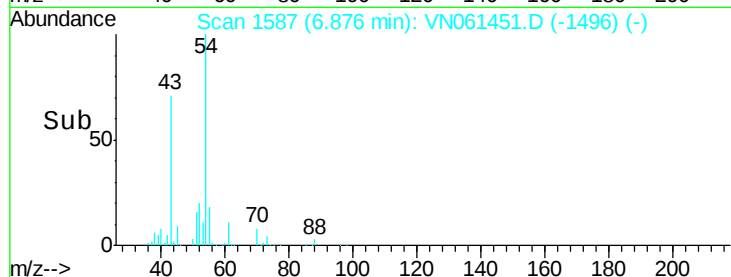
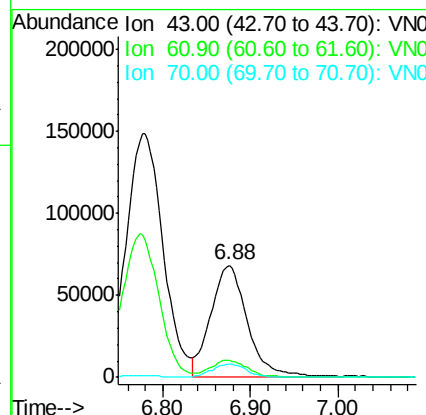
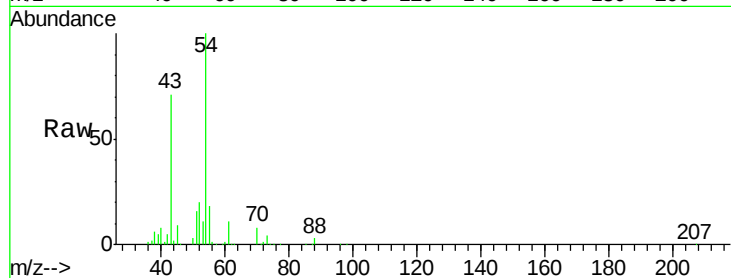
#37
Ethyl Acetate
Concen: 48.377 ug/l
RT: 6.88 min Scan# 1587
Delta R.T. -0.01 min
Lab File: VN061451.D
Acq: 19 May 2020 00:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.1	11.7	17.5
70	11.3	9.2	13.8

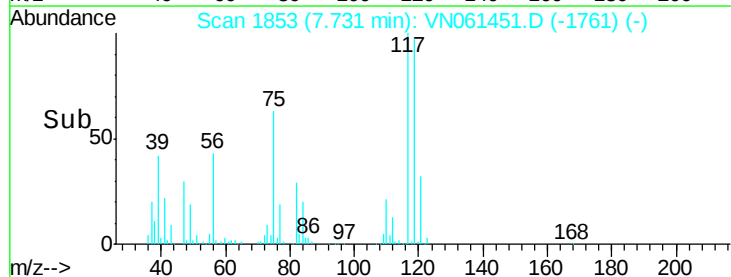
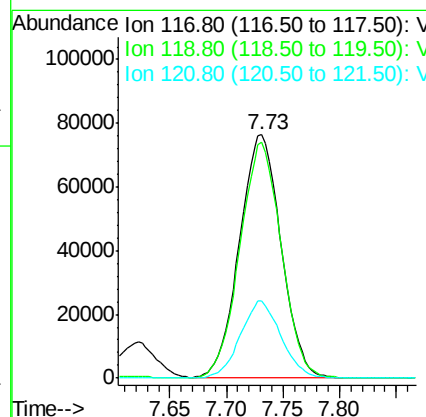
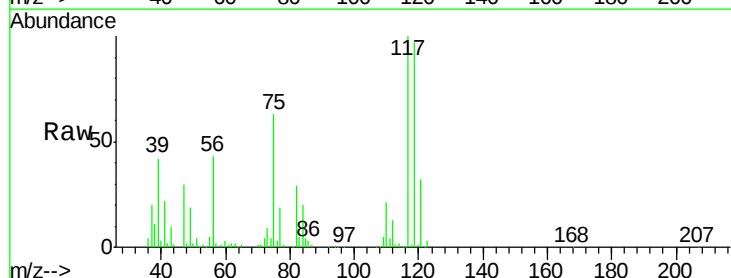
Manual Integrations
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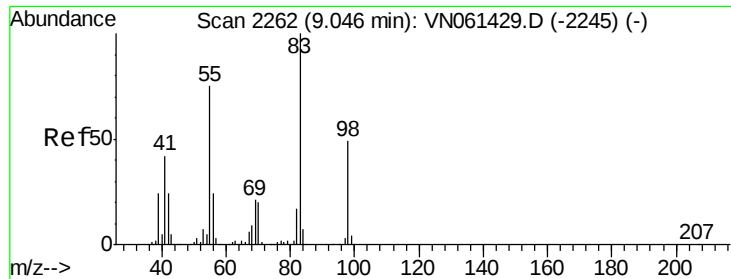
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#38
Carbon Tetrachloride
Concen: 47.505 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN061451.D
Acq: 19 May 2020 00:20

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.8	77.0	115.6
121	31.6	24.7	37.1





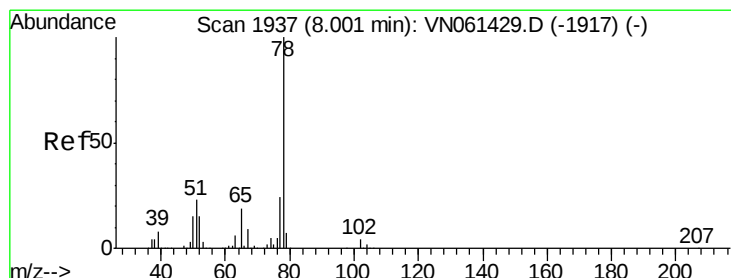
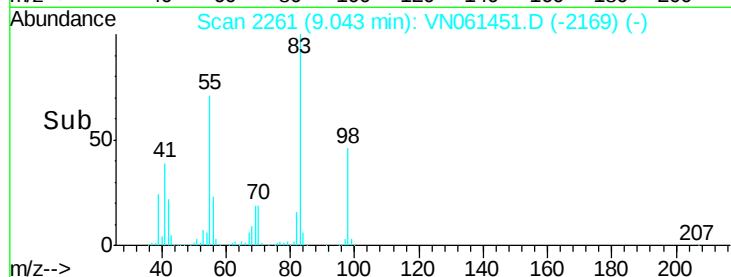
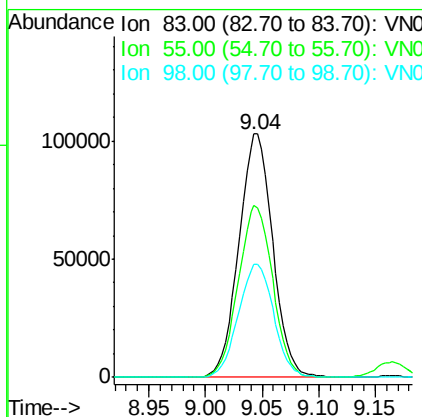
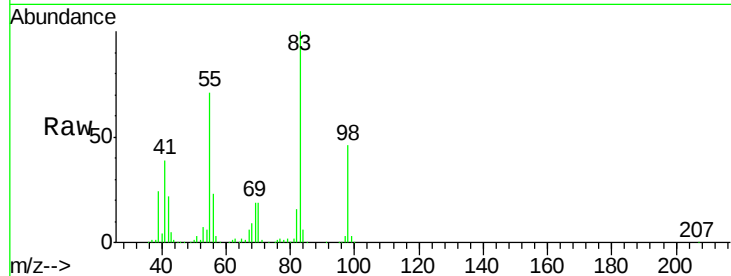
#39
Methvlcvclohexane
Concen: 39.641 ug/l
RT: 9.04 min Scan# 2261
Delta R.T. -0.00 min
Lab File: VN061451.D
Acq: 19 May 2020 00:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	215456		
55	70.8		59.7	89.5
98	46.4		38.9	58.3

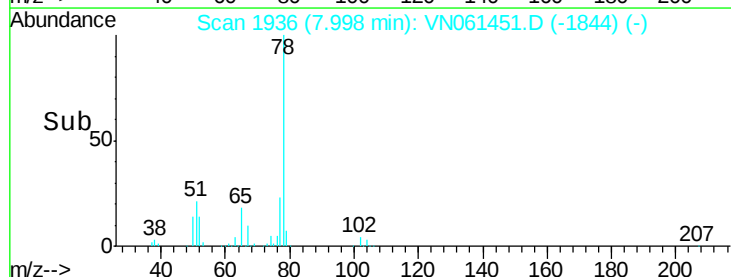
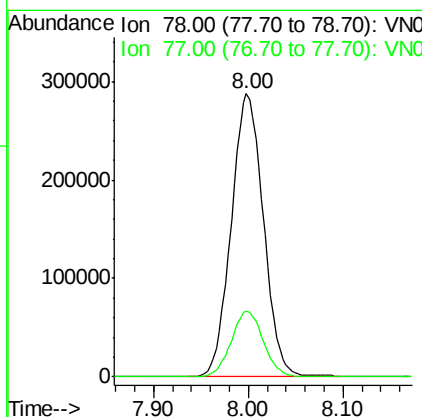
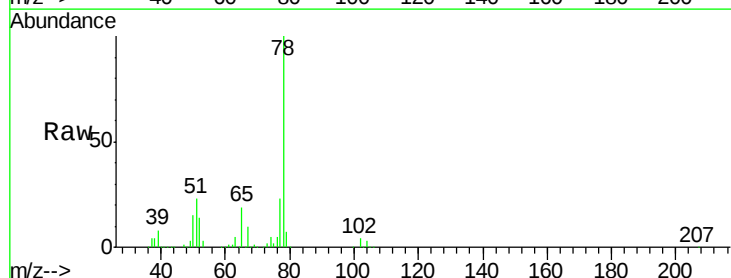
Manual Integrations
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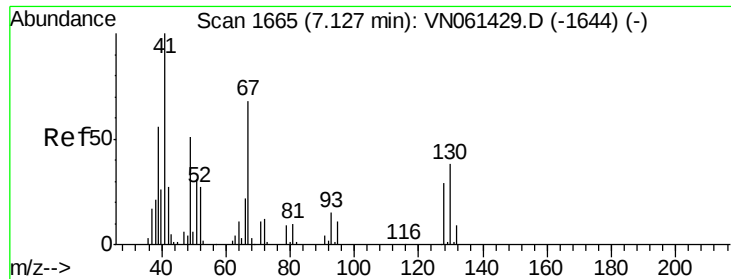
MMDadoda
5/19/2020 4:24:44 PM



#40
Benzene
Concen: 50.774 ug/l
RT: 8.00 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VN061451.D
Acq: 19 May 2020 00:20

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	680899		
77	23.4		19.1	28.7





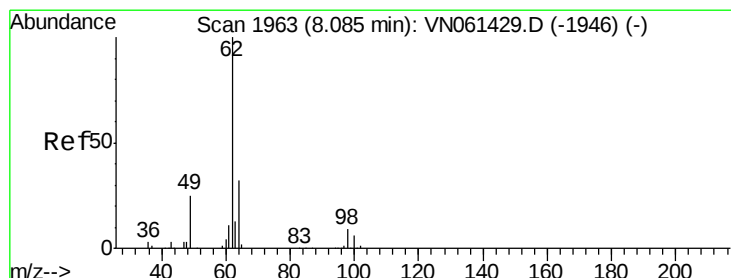
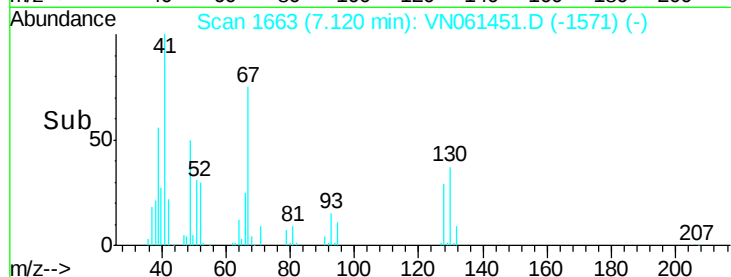
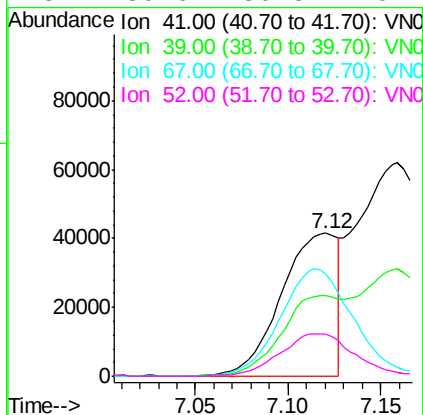
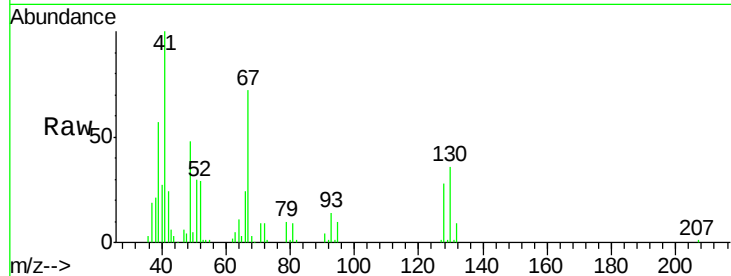
#41
Methacrylonitrile
Concen: 51.430 ug/l
RT: 7.12 min Scan# 1663
Delta R.T. -0.01 min
Lab File: VN061451.D
Acq: 19 May 2020 00:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	87662
Ion	Ratio	Lower	Upper
41	100		
39	60.7	48.3	72.5
67	98.1	74.2	111.4
52	39.6	30.8	46.2

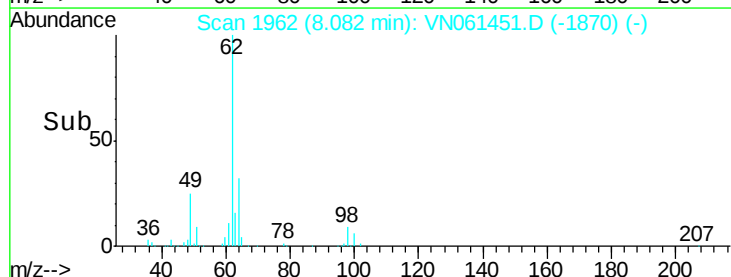
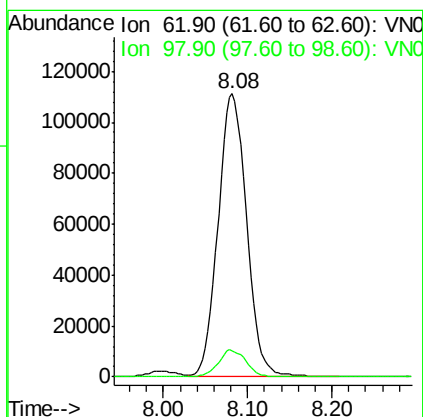
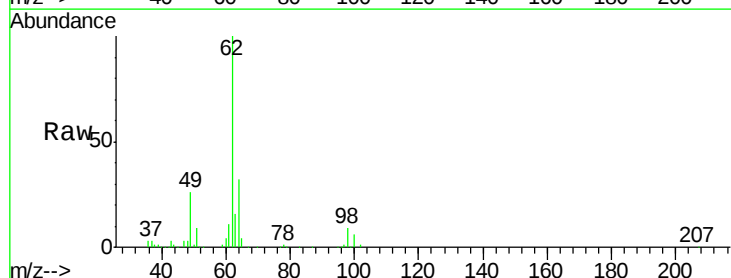
Manual Integrations
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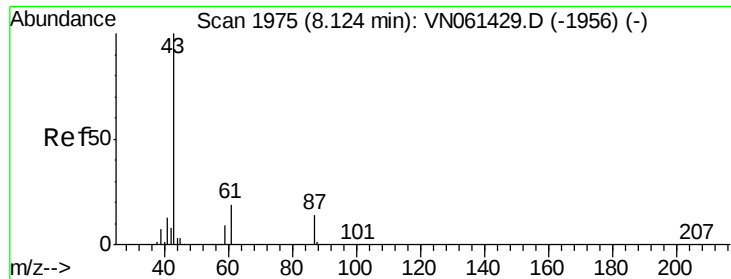
MMDadoda
5/19/2020 4:24:44 PM



#42
1,2-Dichloroethane
Concen: 54.026 ug/l
RT: 8.08 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VN061451.D
Acq: 19 May 2020 00:20

Tgt Ion:	62	Resp:	261026
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	18.4





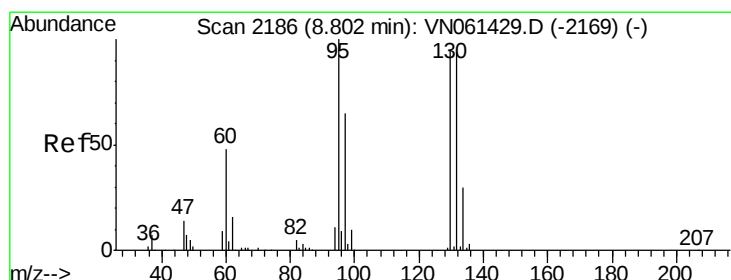
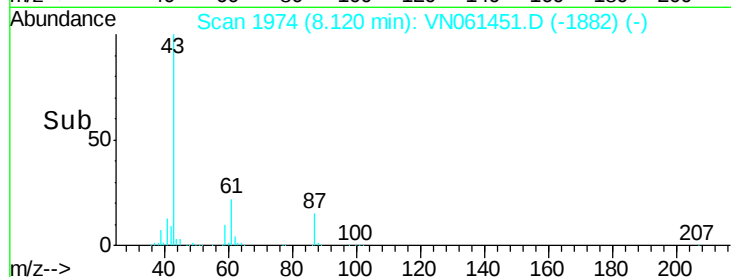
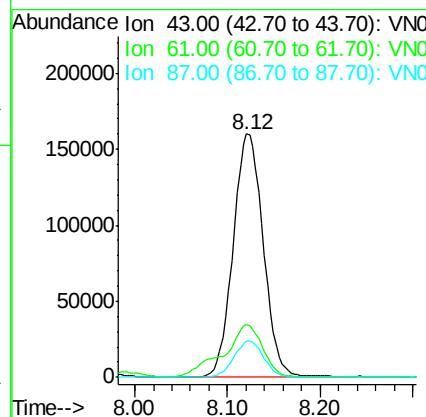
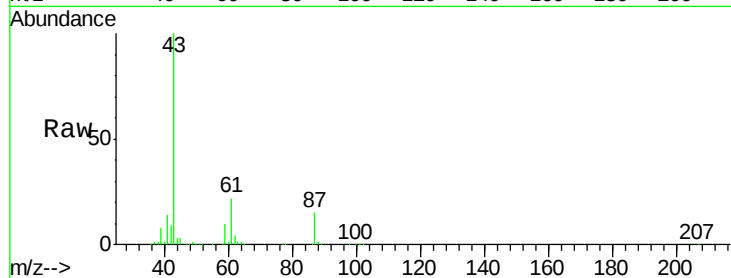
#43
Isopropyl Acetate
Concen: 51.300 ug/l
RT: 8.12 min Scan# 1974
Delta R.T. -0.00 min
Lab File: VN061451.D
Acq: 19 May 2020 00:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	28.2	23.0	34.4
87	14.7	11.6	17.4

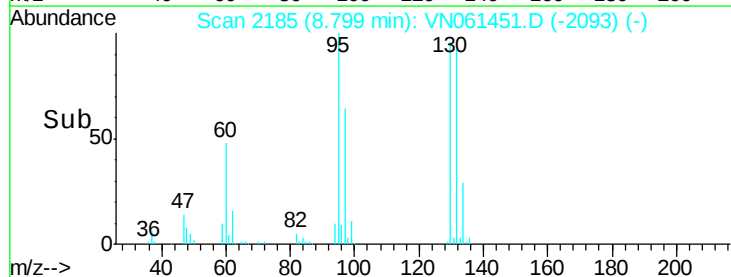
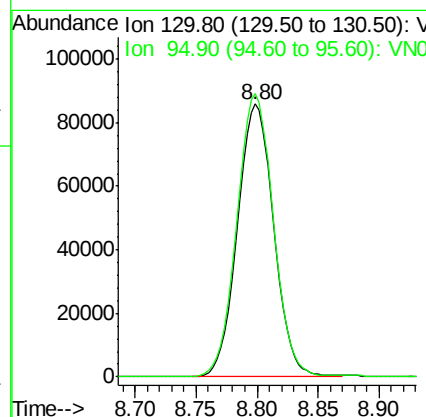
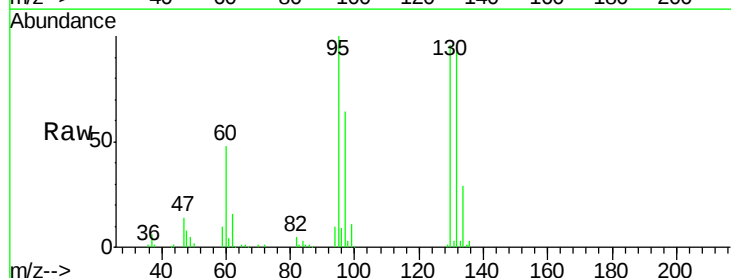
Manual Integrations
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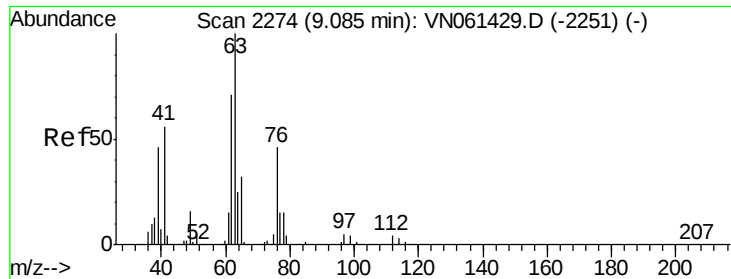
MMDadoda
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#44
Trichloroethene
Concen: 50.422 ug/l
RT: 8.80 min Scan# 2185
Delta R.T. -0.00 min
Lab File: VN061451.D
Acq: 19 May 2020 00:20

Tgt Ion	Ratio	Lower	Upper
130	100		
95	103.7	0.0	209.8





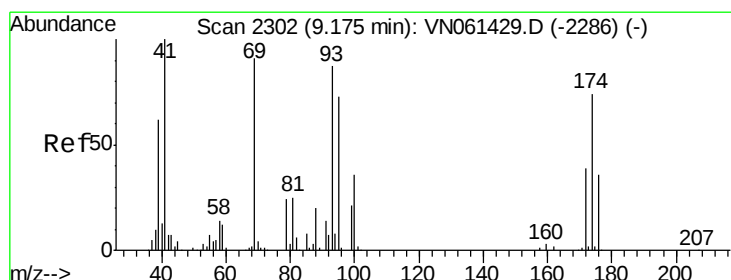
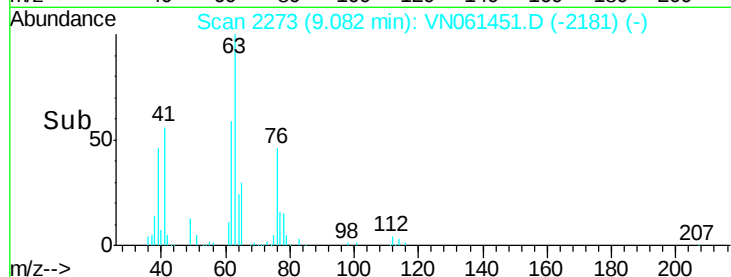
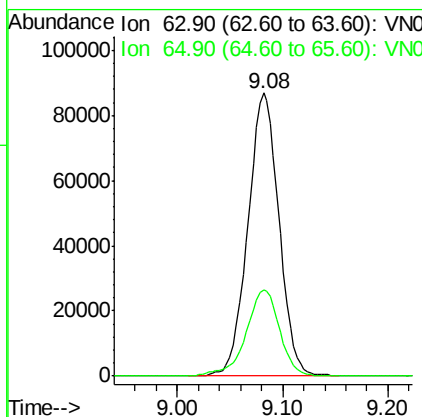
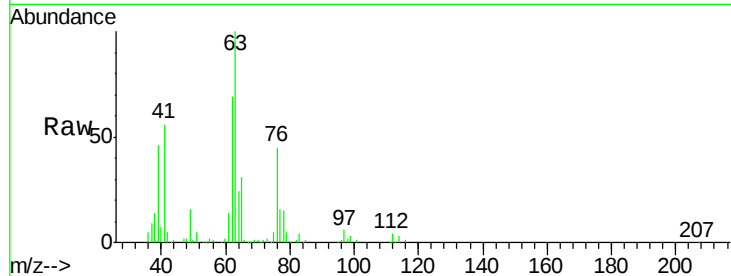
#45
 1,2-Dichloropropane
 Concen: 53.103 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: VN061451.D
 Acq: 19 May 2020 00:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 178247
 Ion Ratio Lower Upper
 63 100
 65 30.7 25.2 37.8

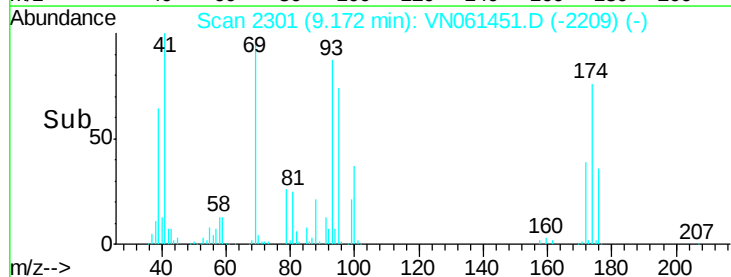
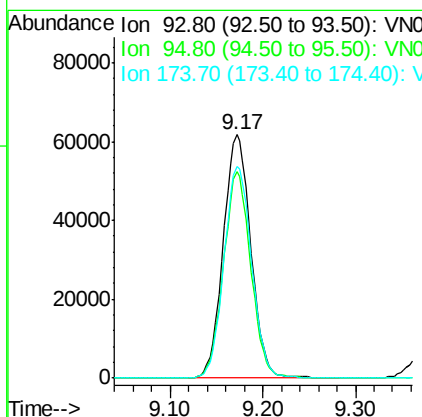
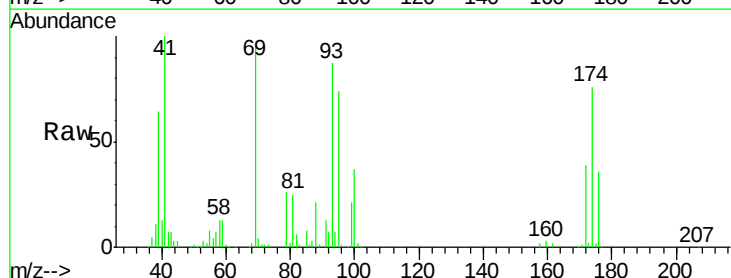
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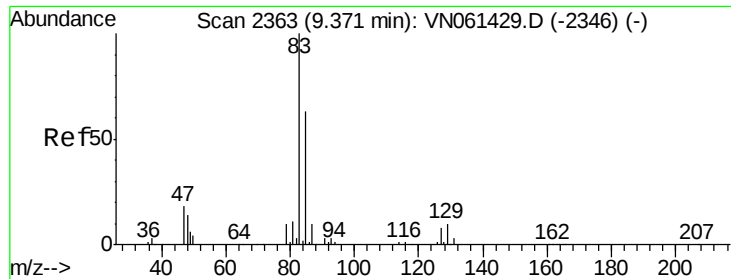
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#46
 Dibromomethane
 Concen: 54.154 ug/l
 RT: 9.17 min Scan# 2301
 Delta R.T. -0.00 min
 Lab File: VN061451.D
 Acq: 19 May 2020 00:20

Tgt Ion: 93 Resp: 127428
 Ion Ratio Lower Upper
 93 100
 95 83.7 65.6 98.4
 174 87.3 68.0 102.0





#47

Bromodichloromethane

Concen: 53.268 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN061451.D

Acq: 19 May 2020 00:20

Instrument :

MSVOA_N

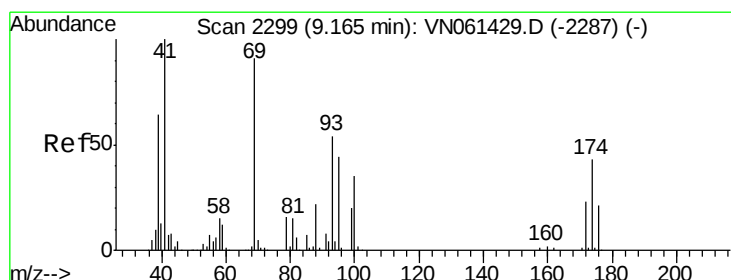
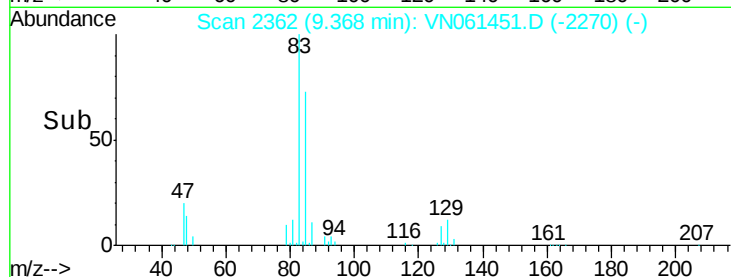
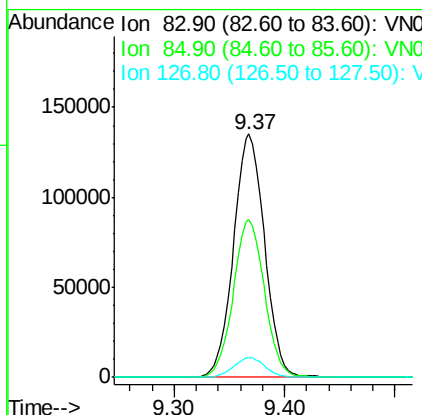
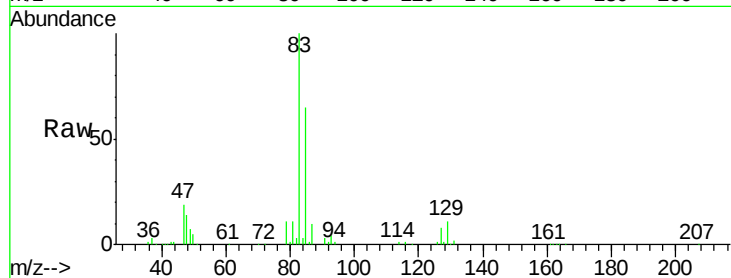
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	264092
Ion Ratio	Lower	Upper	
83	100		
85	65.1	50.6	76.0
127	8.2	6.1	9.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 51.084 ug/l

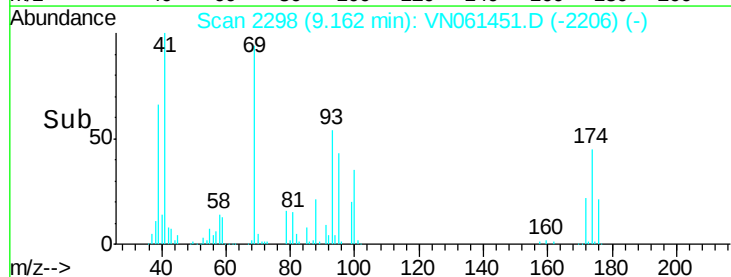
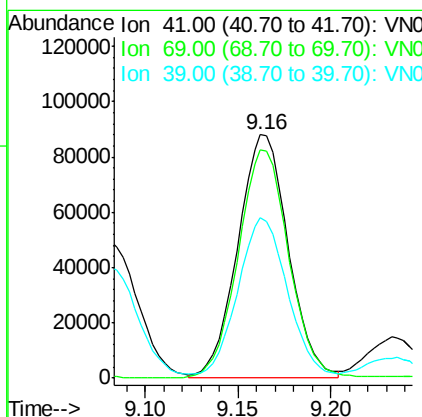
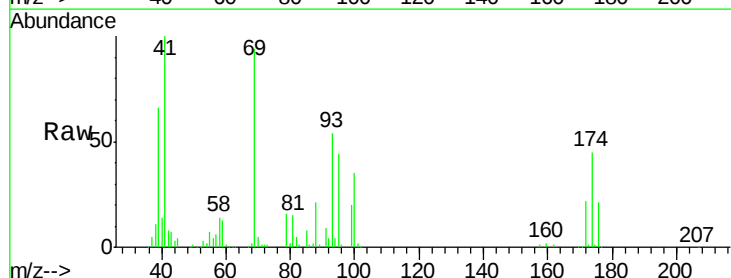
RT: 9.16 min Scan# 2298

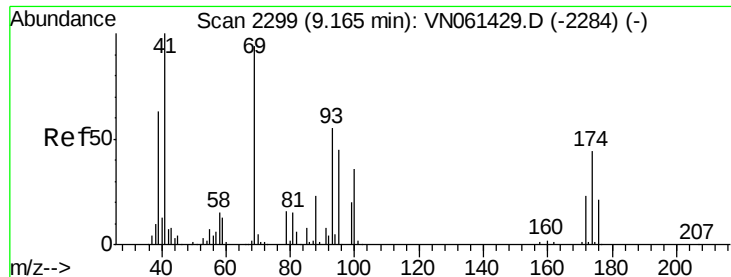
Delta R.T. -0.00 min

Lab File: VN061451.D

Acq: 19 May 2020 00:20

Tgt Ion:	41	Resp:	166100
Ion Ratio	Lower	Upper	
41	100		
69	94.9	75.3	112.9
39	65.6	52.6	79.0





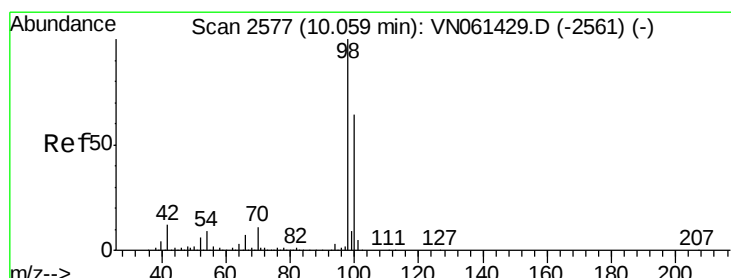
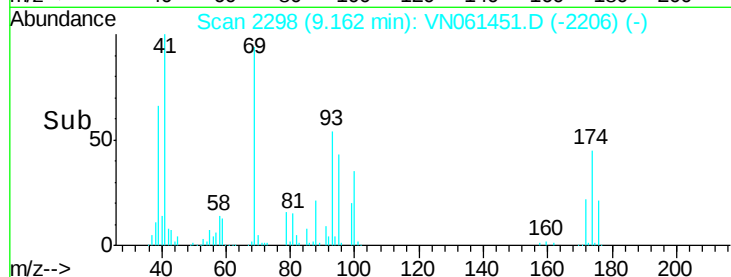
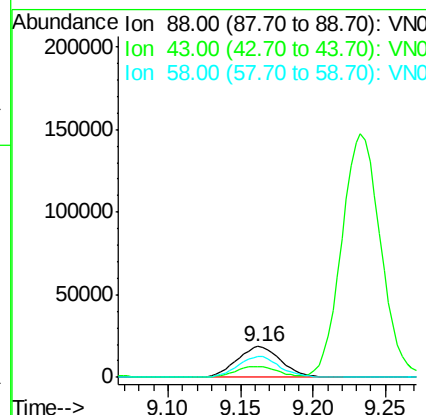
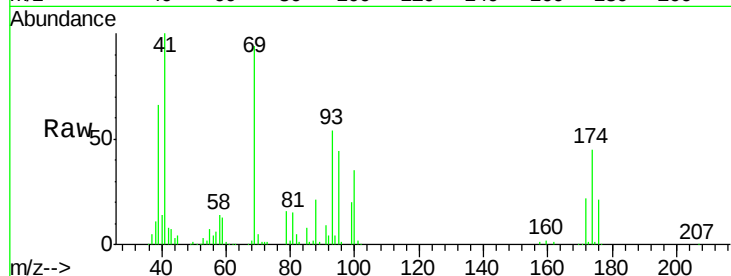
#49
1,4-Dioxane
Concen: 1156.624 ug/l
RT: 9.16 min Scan# 2298
Delta R.T. -0.00 min
Lab File: VN061451.D
Acq: 19 May 2020 00:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
88	100			
43	34.5	26.3	39.5	
58	63.8	54.1	81.1	

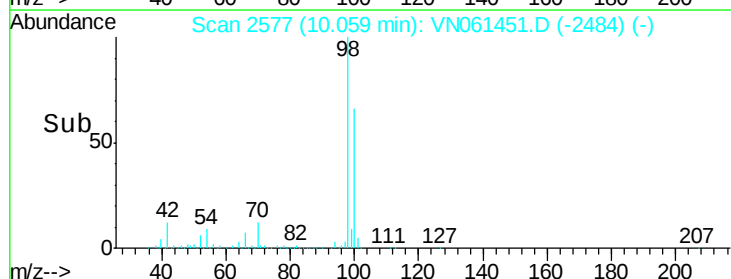
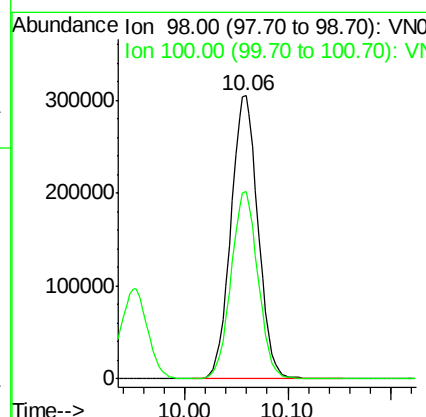
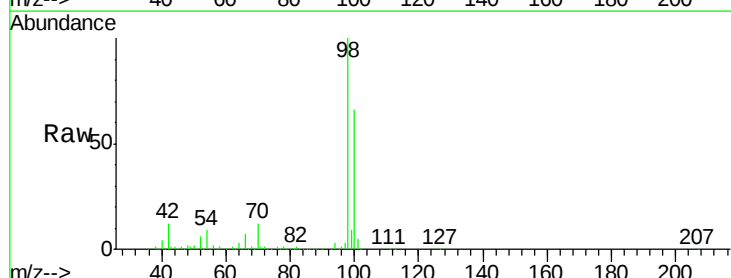
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#50
Toluene-d8
Concen: 48.319 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN061451.D
Acq: 19 May 2020 00:20

Tgt Ion	Ratio	Resp	Lower	Upper
98	100			
100	65.7	51.8	77.8	





#51

4-Methyl-2-Pentanone

Concen: 262.401 ug/l

RT: 9.95 min Scan# 2543

Delta R.T. -0.00 min

Lab File: VN061451.D

Acq: 19 May 2020 00:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1006124

Ion Ratio Lower Upper

43 100

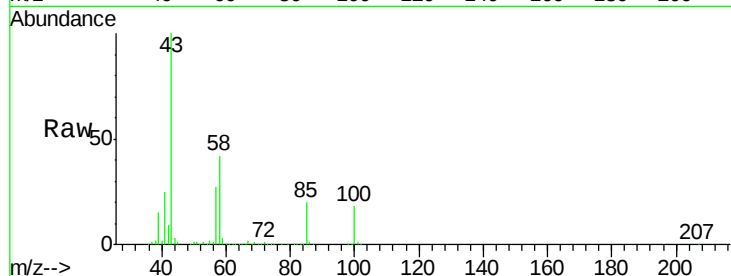
58 42.2 33.4 50.2

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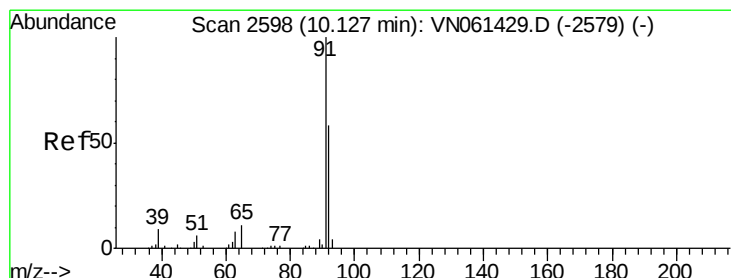
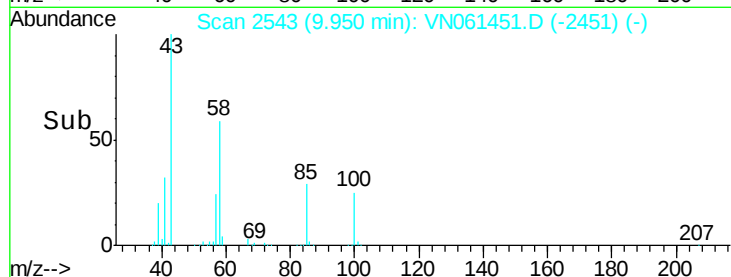
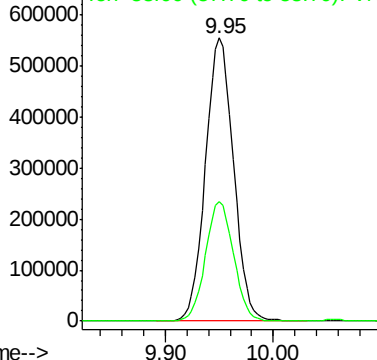
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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 51.036 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN061451.D

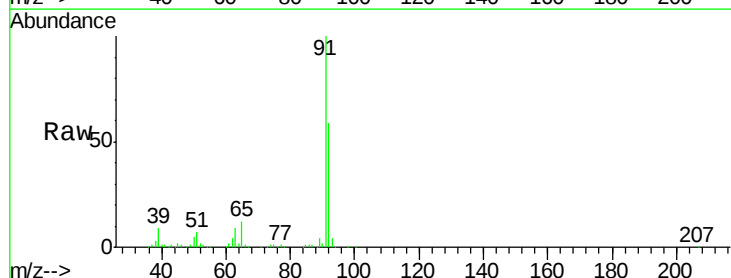
Acq: 19 May 2020 00:20

Tgt Ion: 92 Resp: 439397

Ion Ratio Lower Upper

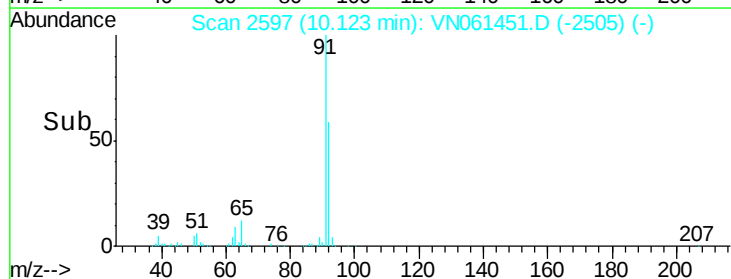
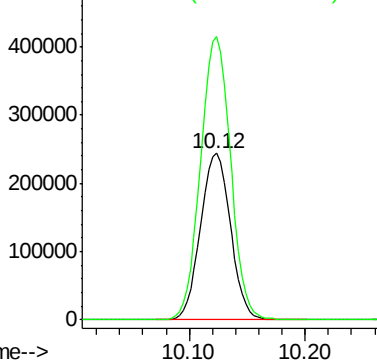
92 100

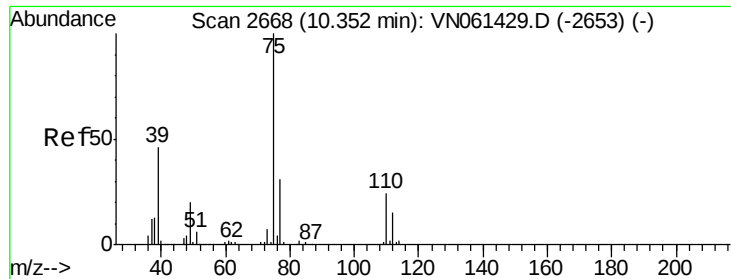
91 169.9 138.0 207.0



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





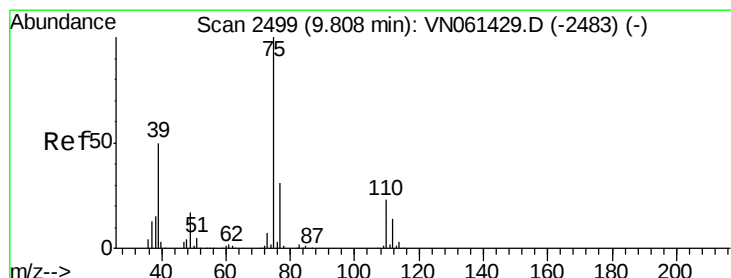
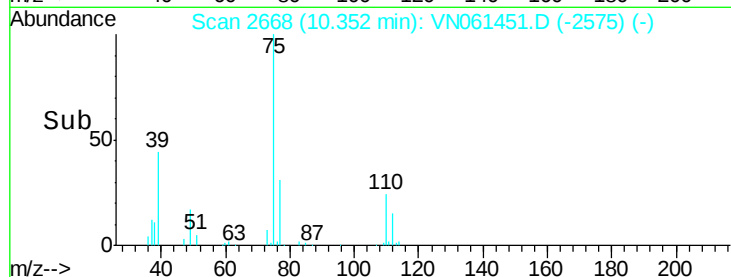
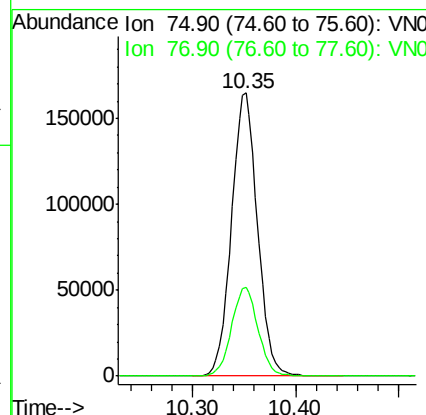
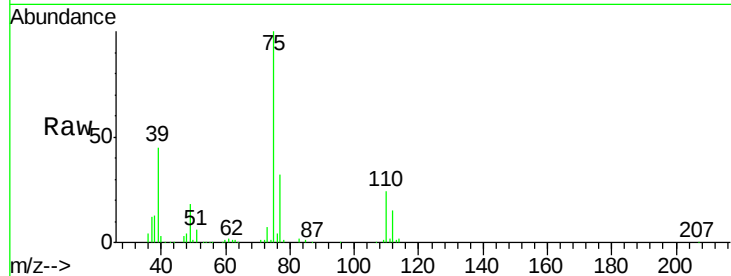
#53
 t-1,3-Dichloropropene
 Concen: 53.225 ug/l
 RT: 10.35 min Scan# 2668
 Delta R.T. -0.00 min
 Lab File: VN061451.D
 Acq: 19 May 2020 00:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 75 Resp: 289223
 Ion Ratio Lower Upper
 75 100
 77 31.5 24.8 37.2

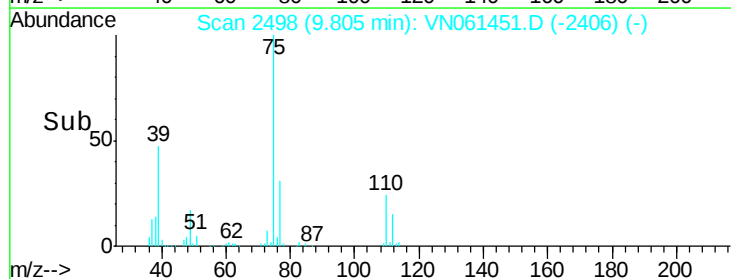
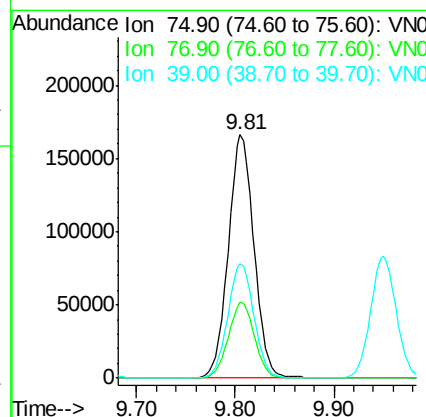
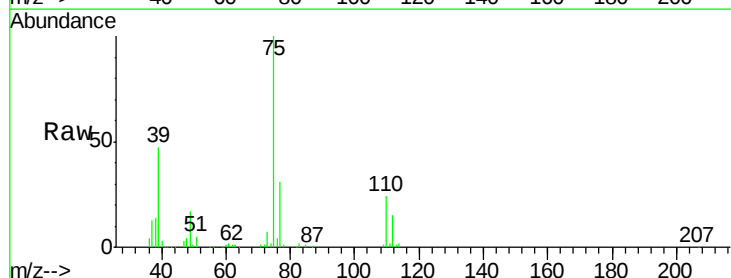
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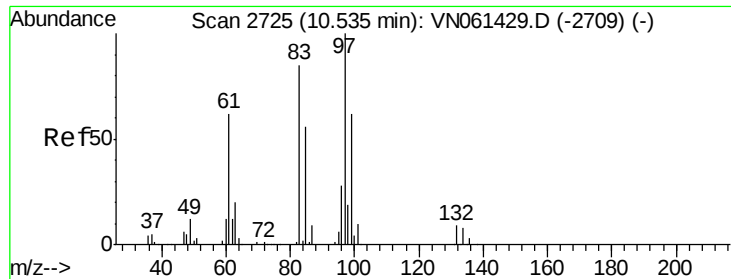
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#54
 cis-1,3-Dichloropropene
 Concen: 52.682 ug/l
 RT: 9.81 min Scan# 2498
 Delta R.T. -0.00 min
 Lab File: VN061451.D
 Acq: 19 May 2020 00:20

Tgt Ion: 75 Resp: 304314
 Ion Ratio Lower Upper
 75 100
 77 31.1 24.8 37.2
 39 47.0 39.8 59.6





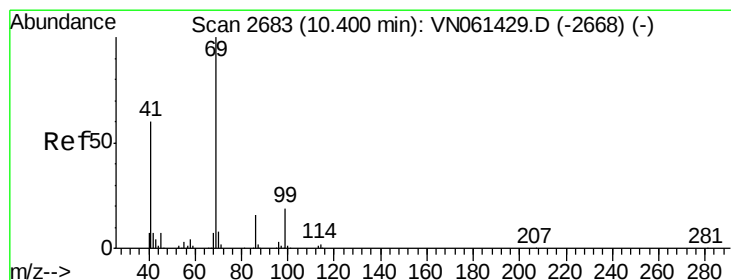
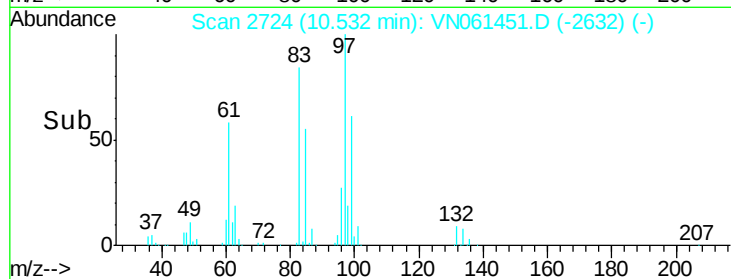
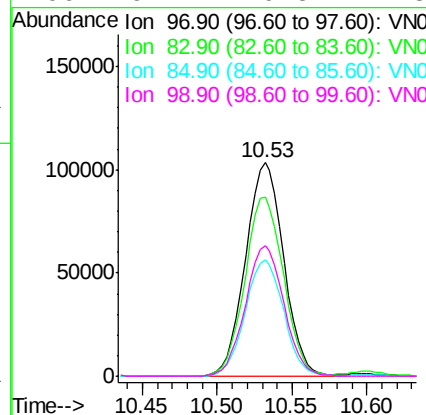
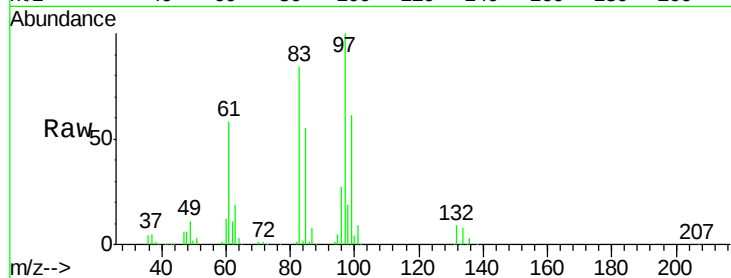
#55
 1,1,2-Trichloroethane
 Concen: 56.601 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN061451.D
 Acq: 19 May 2020 00:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	184234
Ion	Ratio	Lower	Upper
97	100		
83	84.1	68.2	102.4
85	54.7	44.6	67.0
99	61.2	49.5	74.3

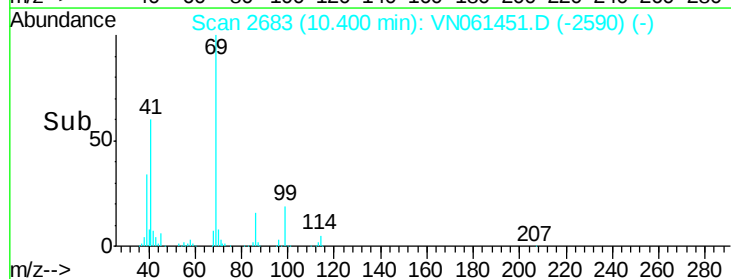
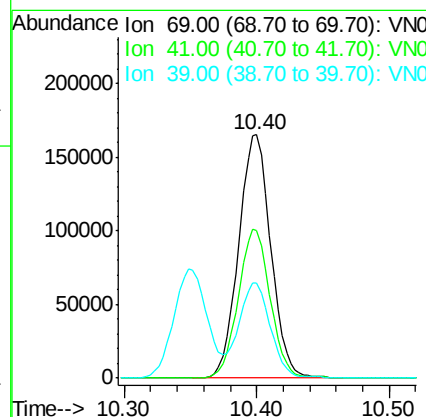
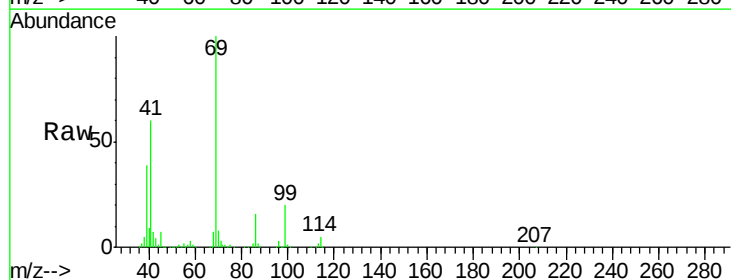
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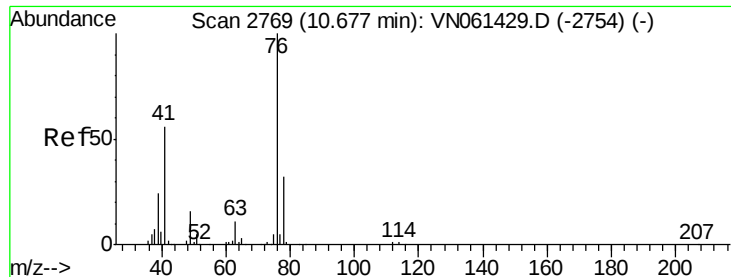
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#56
 Ethyl methacrylate
 Concen: 54.737 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: VN061451.D
 Acq: 19 May 2020 00:20

Tgt Ion:	69	Resp:	278547
Ion	Ratio	Lower	Upper
69	100		
41	60.0	48.3	72.5
39	38.5	30.2	45.2





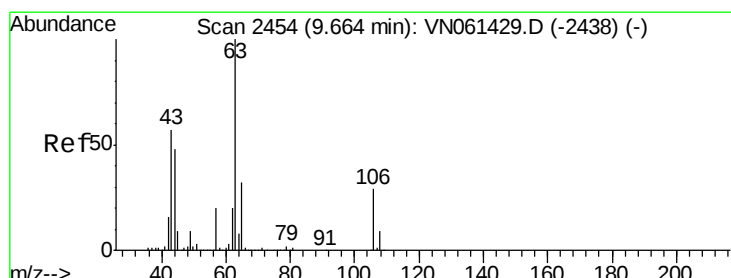
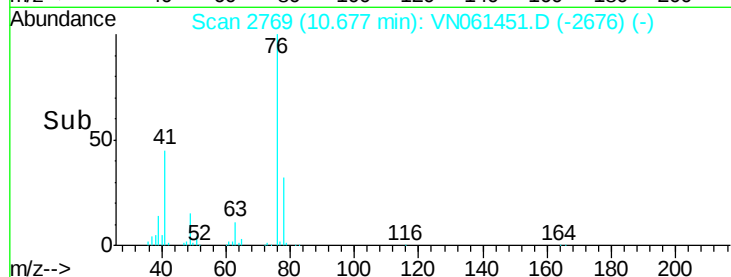
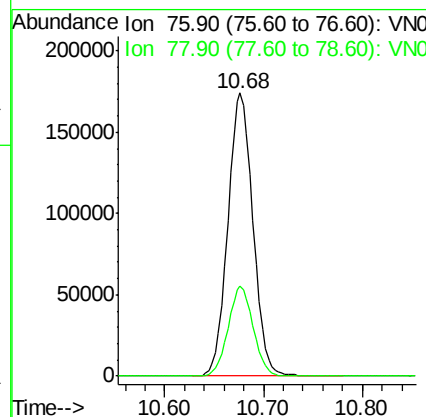
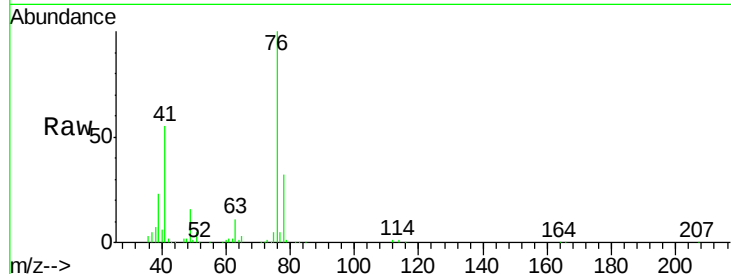
#57
 1,3-Dichloropropane
 Concen: 55.192 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN061451.D
 Acq: 19 May 2020 00:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.8	26.0	39.0

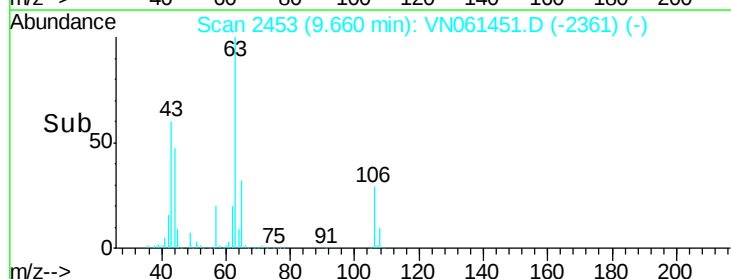
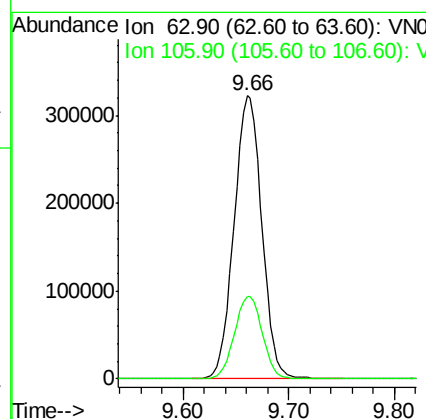
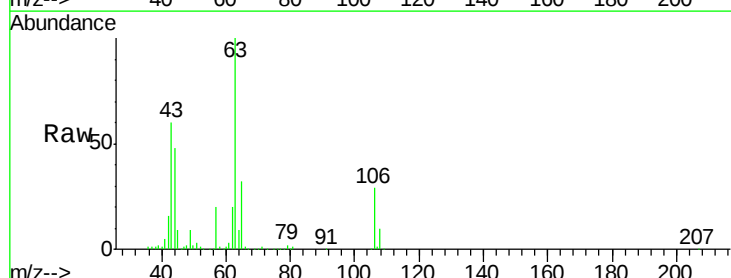
Manual Integrations
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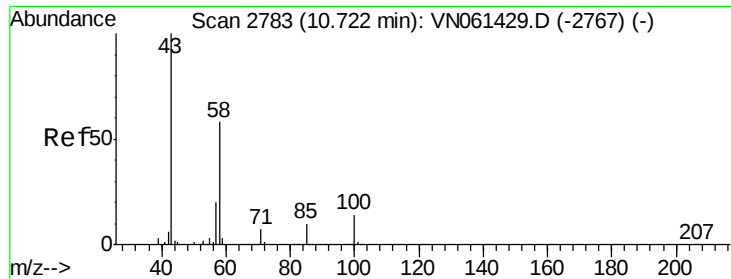
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#58
 2-Chloroethyl Vinyl ether
 Concen: 262.212 ug/l
 RT: 9.66 min Scan# 2453
 Delta R.T. -0.00 min
 Lab File: VN061451.D
 Acq: 19 May 2020 00:20

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.4	22.7	34.1





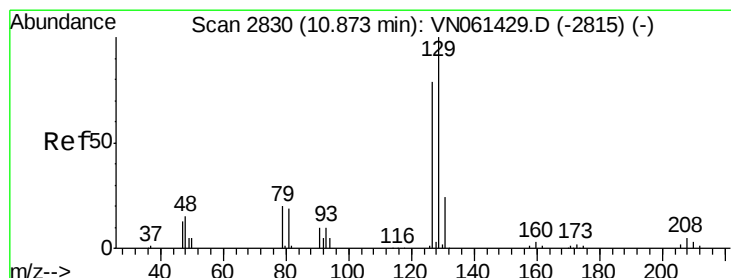
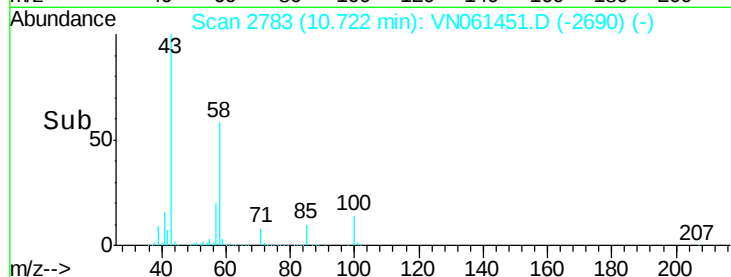
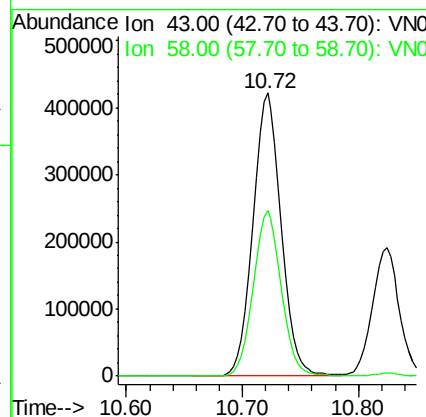
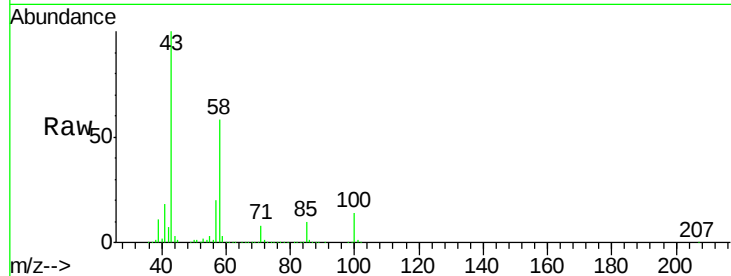
#59
2-Hexanone
Concen: 258.097 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN061451.D
Acq: 19 May 2020 00:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	715977
Ion Ratio	100	Lower	Upper
43	100		
58	58.1	29.2	87.6

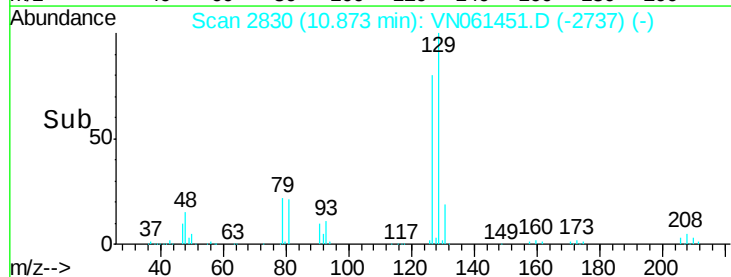
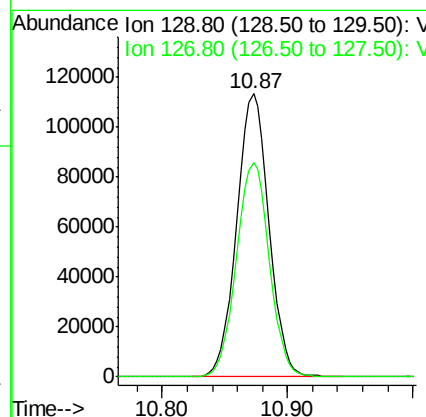
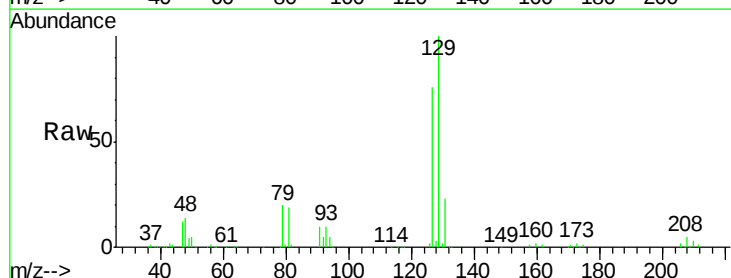
Manual Integrations
APPROVED

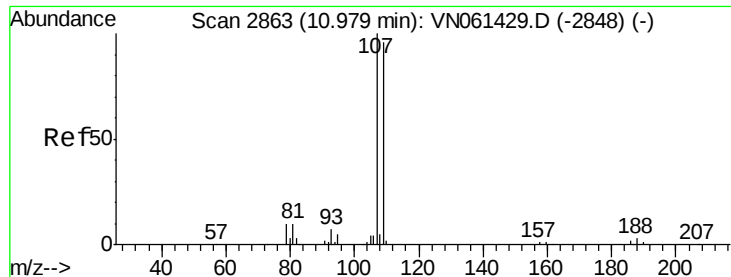
MMDadoda
5/19/2020 4:24:44 PM



#60
Dibromochloromethane
Concen: 56.361 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN061451.D
Acq: 19 May 2020 00:20

Tgt Ion	129	Resp	202931
Ion Ratio	100	Lower	Upper
129	100		
127	77.3	38.8	116.3





#61

1,2-Dibromoethane

Concen: 56.086 ug/l

RT: 10.98 min Scan# 2862

Delta R.T. -0.00 min

Lab File: VN061451.D

Acq: 19 May 2020 00:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 191950

Ion Ratio Lower Upper

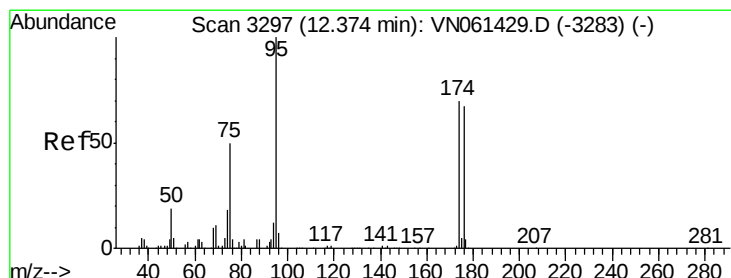
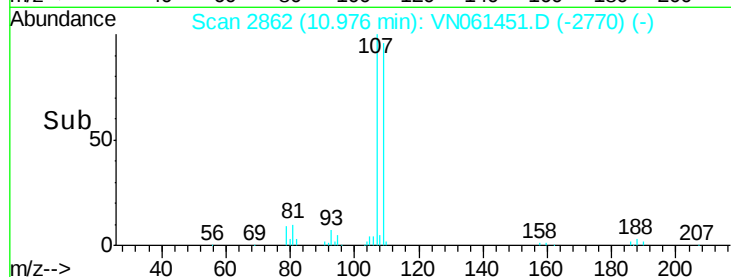
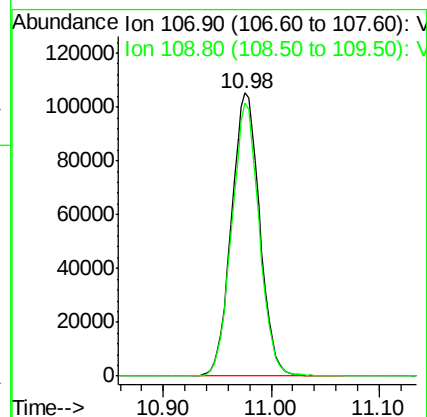
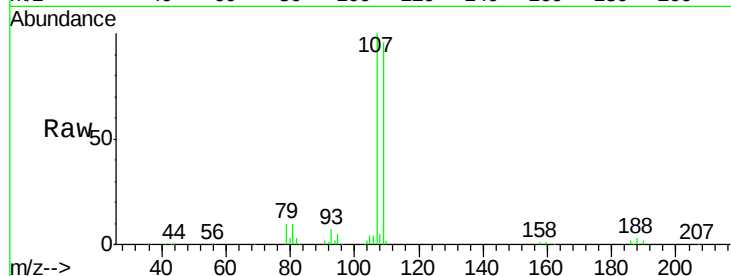
107 100

109 93.9 75.7 113.5

Manual Integrations
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MMDadoda

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#62

4-Bromofluorobenzene

Concen: 49.425 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. -0.00 min

Lab File: VN061451.D

Acq: 19 May 2020 00:20

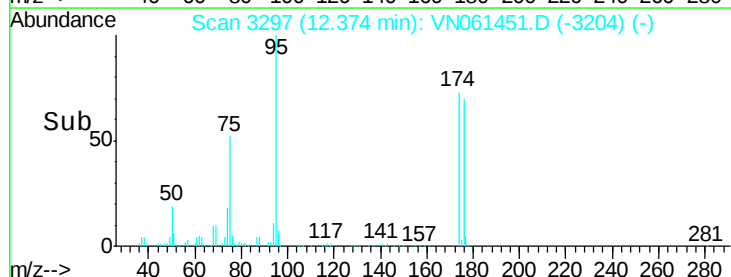
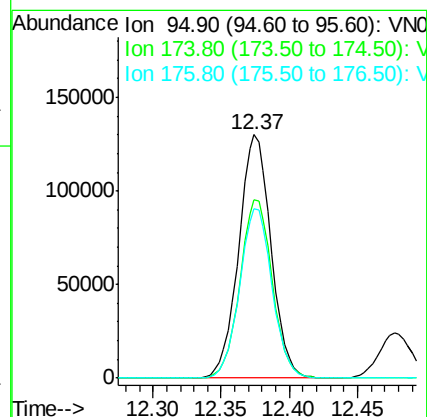
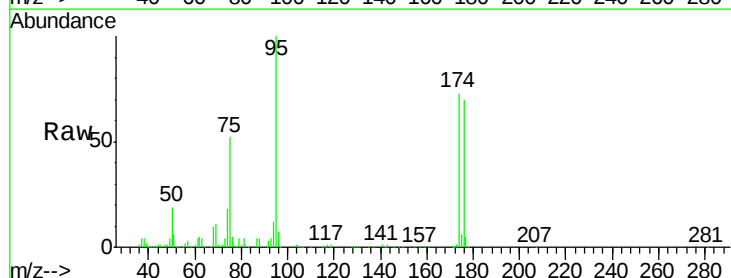
Tgt Ion: 95 Resp: 213532

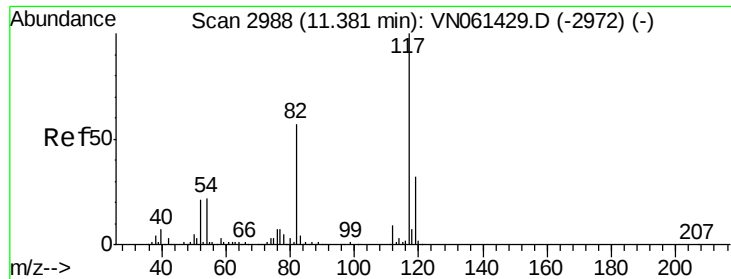
Ion Ratio Lower Upper

95 100

174 73.3 0.0 141.2

176 70.1 0.0 137.6





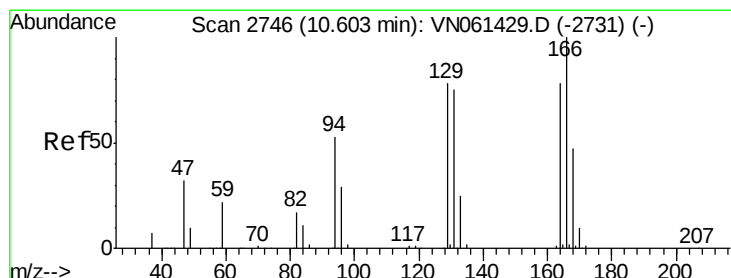
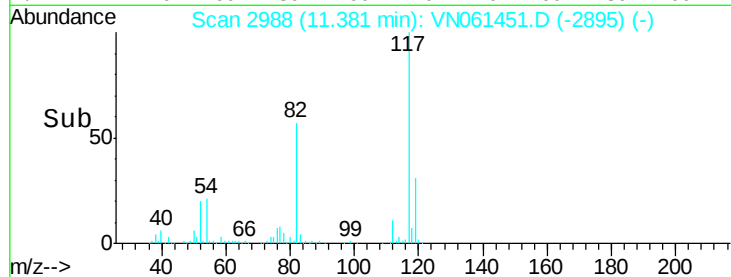
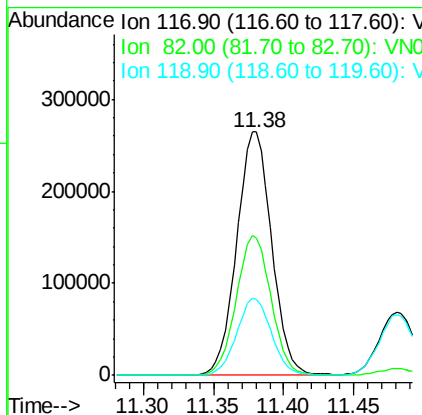
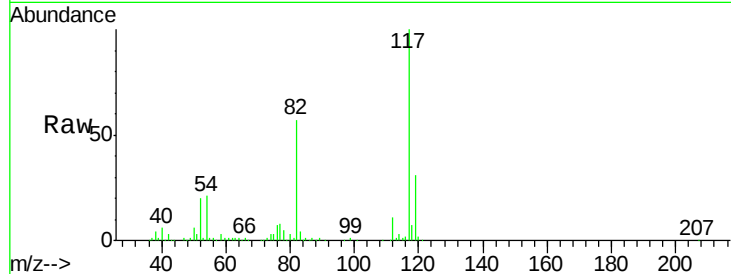
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN061451.D
Acq: 19 May 2020 00:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	460118		
82	56.6		45.2	67.8
119	31.3		25.3	37.9

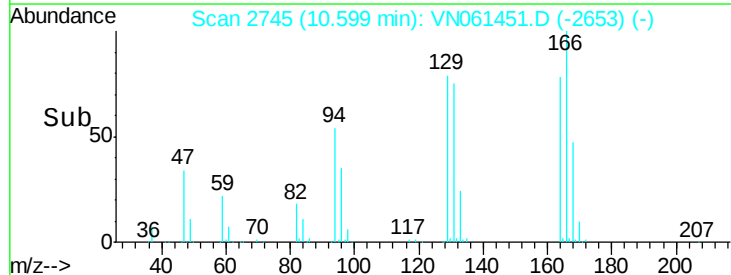
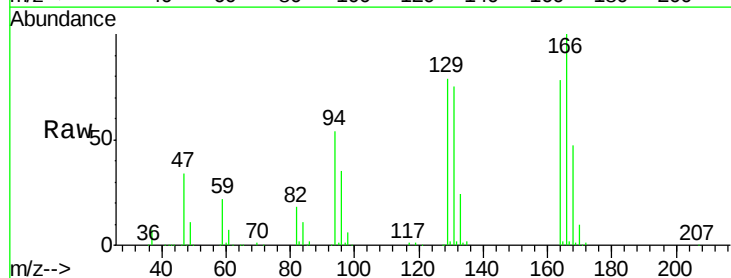
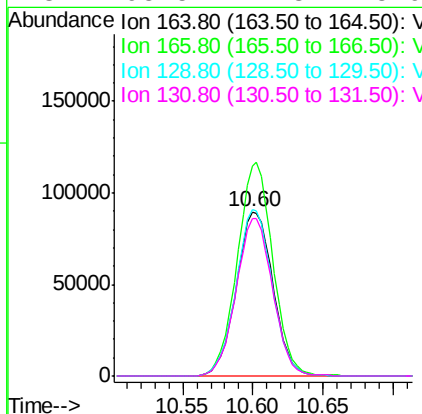
Manual Integrations
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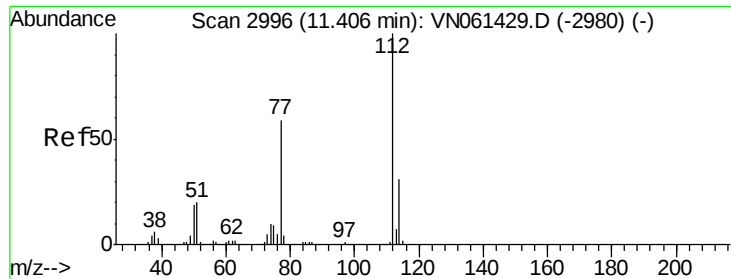
MMDadoda
5/19/2020 4:24:44 PM



#64
Tetrachloroethene
Concen: 45.817 ug/l
RT: 10.60 min Scan# 2745
Delta R.T. -0.00 min
Lab File: VN061451.D
Acq: 19 May 2020 00:20

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	163092		
166	128.0		103.2	154.8
129	101.0		81.0	121.4
131	95.5		77.3	115.9





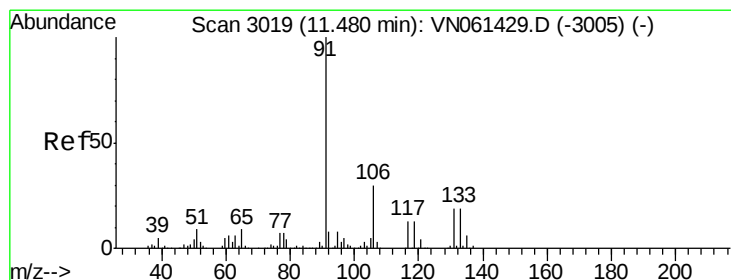
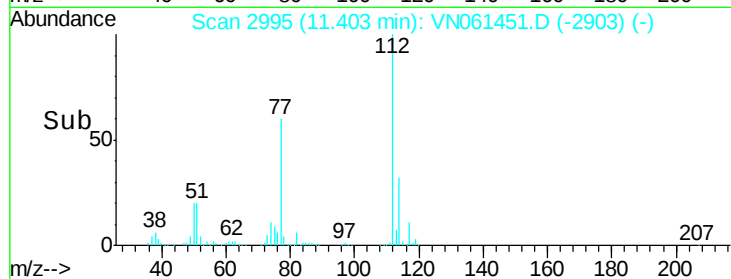
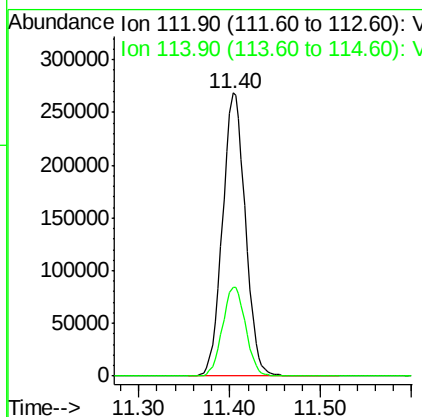
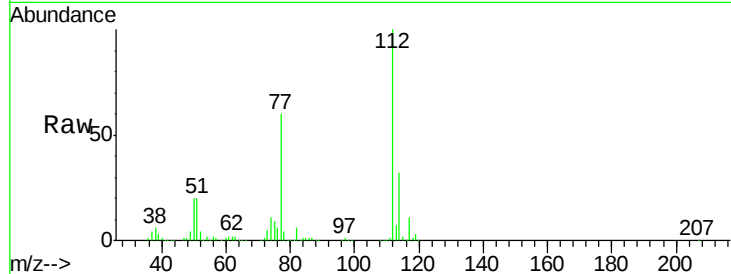
#65
Chlorobenzene
Concen: 49.909 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN061451.D
Acq: 19 May 2020 00:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 468288
Ion Ratio Lower Upper
112 100
114 31.6 25.0 37.6

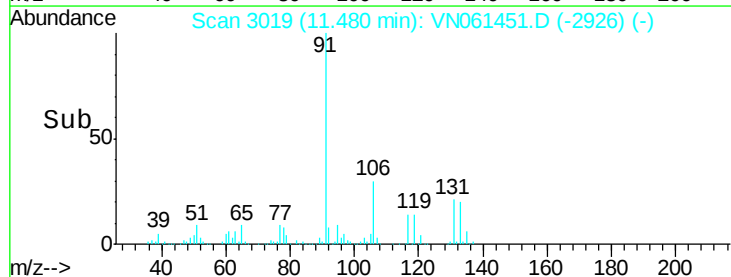
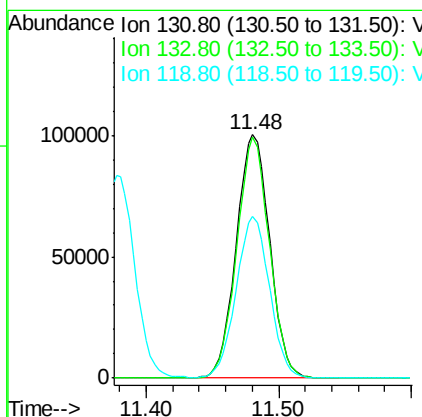
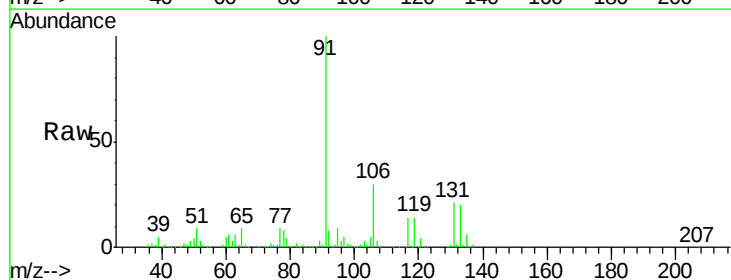
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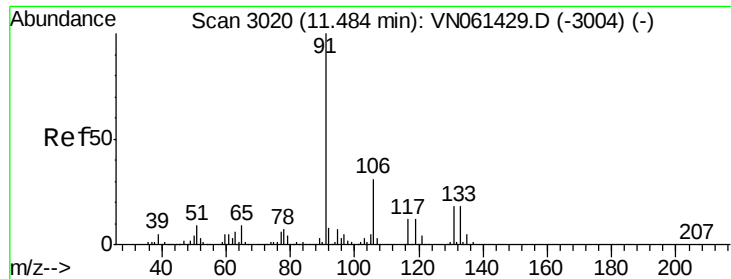
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5/19/2020 4:24:44 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 52.309 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN061451.D
Acq: 19 May 2020 00:20

Tgt Ion:131 Resp: 175956
Ion Ratio Lower Upper
131 100
133 96.2 48.7 146.1
119 65.8 33.8 101.3





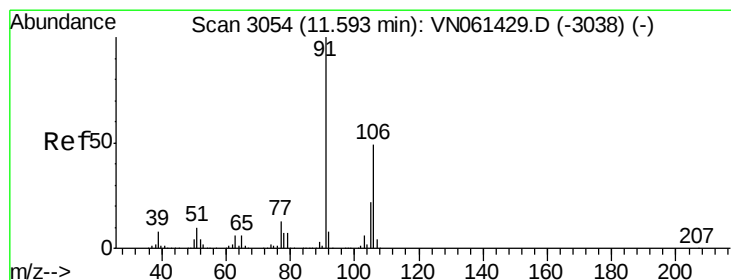
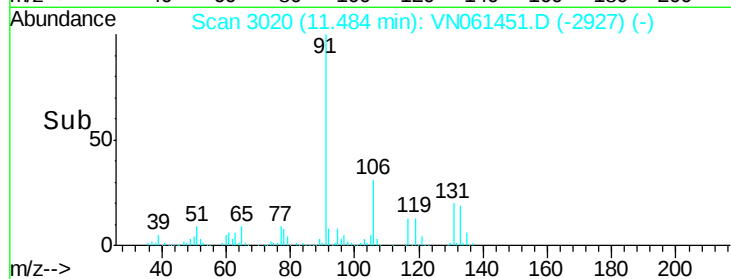
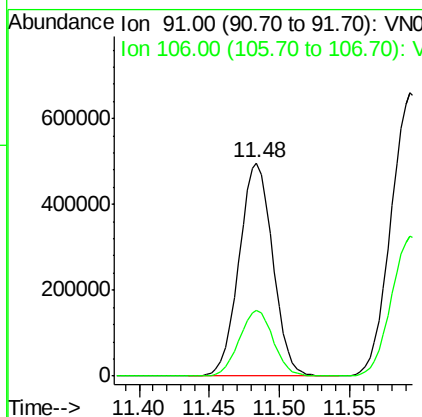
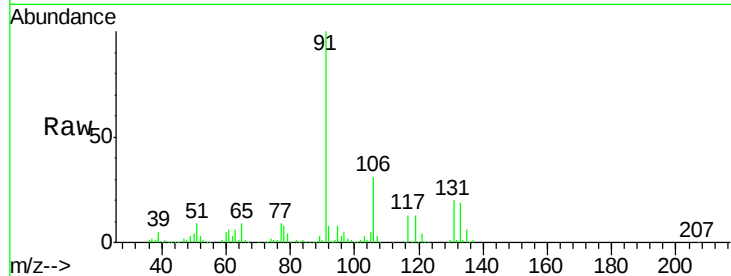
#67
Ethyl Benzene
Concen: 48.573 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN061451.D
Acq: 19 May 2020 00:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 831932
Ion Ratio Lower Upper
91 100
106 30.7 24.6 36.8

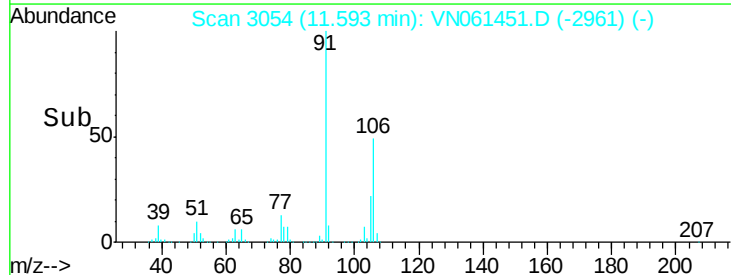
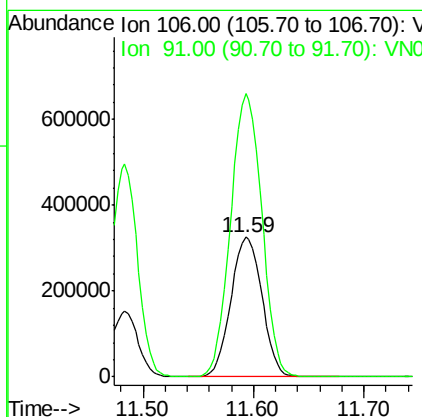
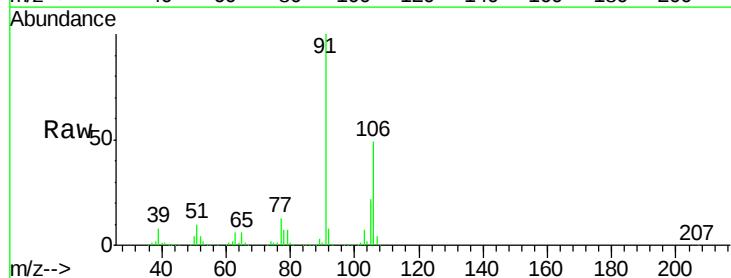
Manual Integrations
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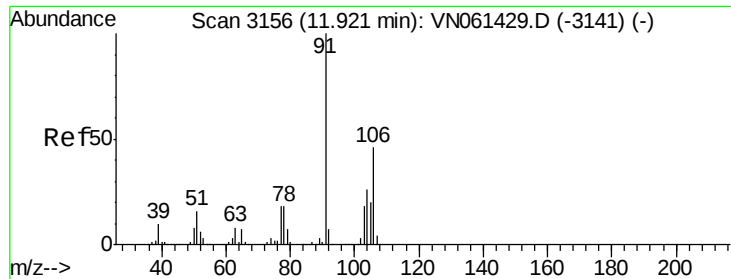
MMDadoda
5/19/2020 4:24:44 PM



#68
m/p-Xylenes
Concen: 98.010 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN061451.D
Acq: 19 May 2020 00:20

Tgt Ion: 106 Resp: 637171
Ion Ratio Lower Upper
106 100
91 203.0 163.0 244.6





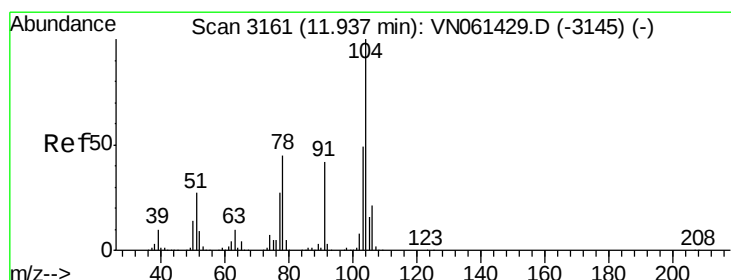
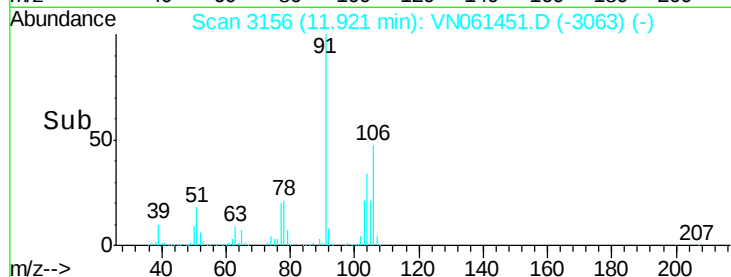
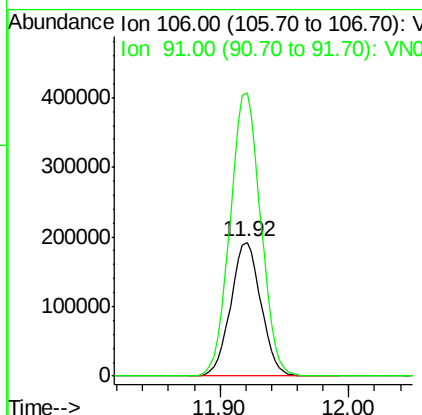
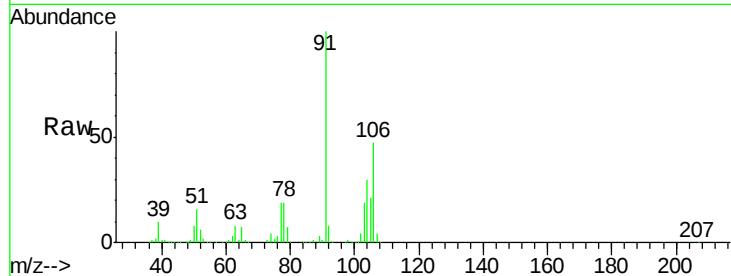
#69
o-Xylene
Concen: 49.720 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN061451.D
Acq: 19 May 2020 00:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	214.6	107.9	312799		323.7

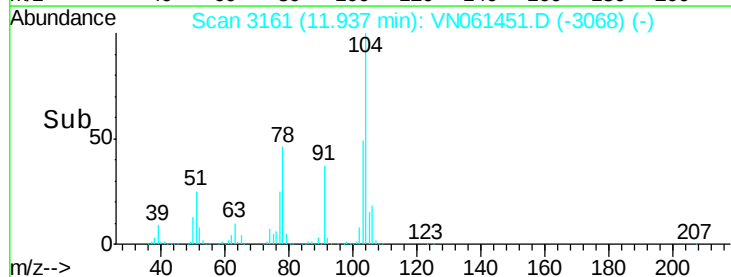
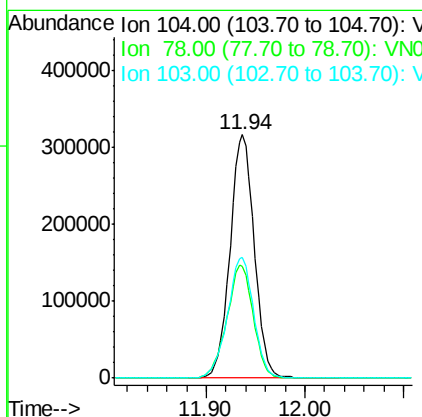
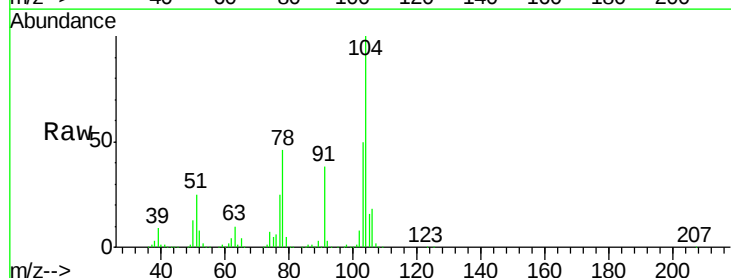
Manual Integrations
APPROVED

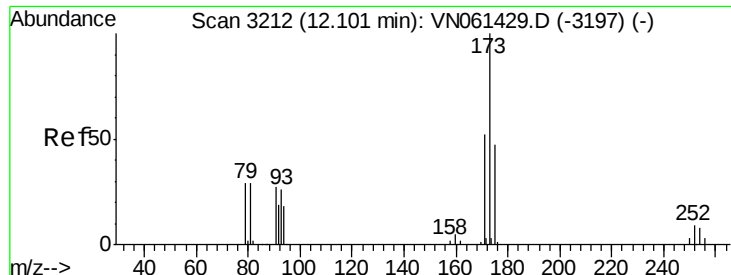
MMDadoda
5/19/2020 4:24:44 PM



#70
Styrene
Concen: 52.120 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN061451.D
Acq: 19 May 2020 00:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100				
78	50.5	40.7	542986		61.1
103	53.6	43.0			64.4





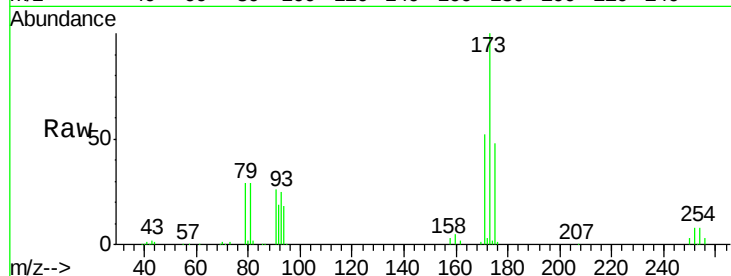
#71
Bromoform
Concen: 50.004 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. 0.00 min
Lab File: VN061451.D
Acq: 19 May 2020 00:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.6	23.9	71.8
254	0.0	0.0	0.0

Manual Integrations
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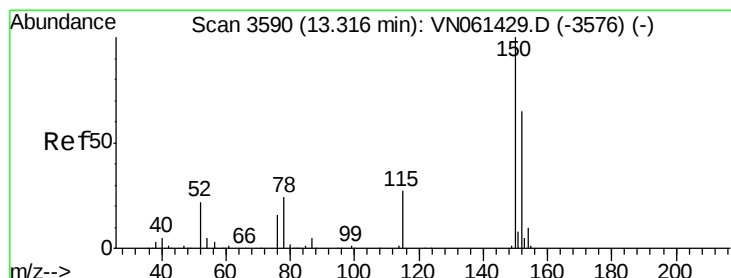
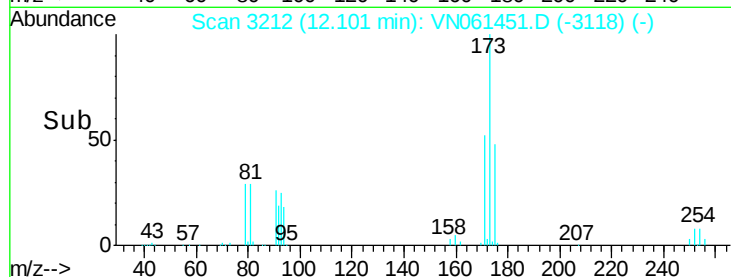
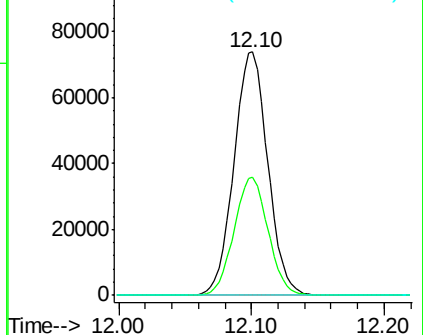


Abundance

Ion 172.70 (172.40 to 173.40): V

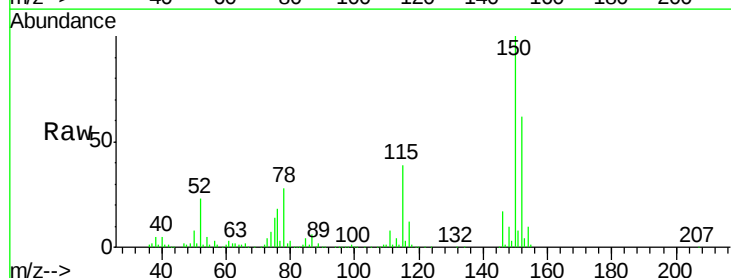
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3590
Delta R.T. -0.00 min
Lab File: VN061451.D
Acq: 19 May 2020 00:20

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.2	30.9	92.5
150	172.6	0.0	349.2

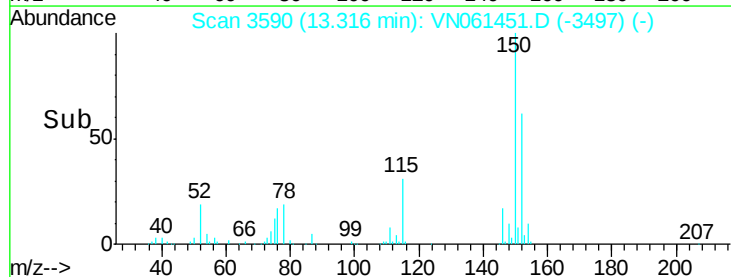
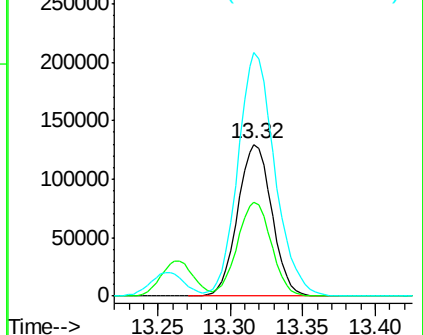


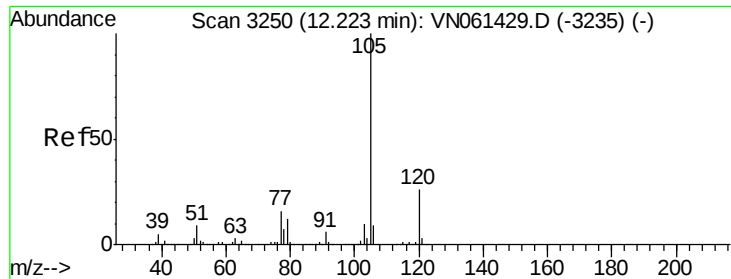
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 45.864 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN061451.D

Acq: 19 May 2020 00:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 783874

Ion Ratio Lower Upper

105 100

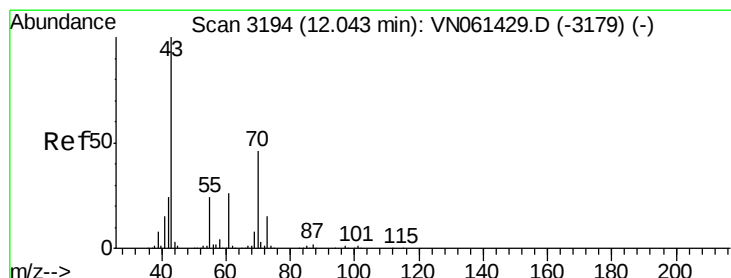
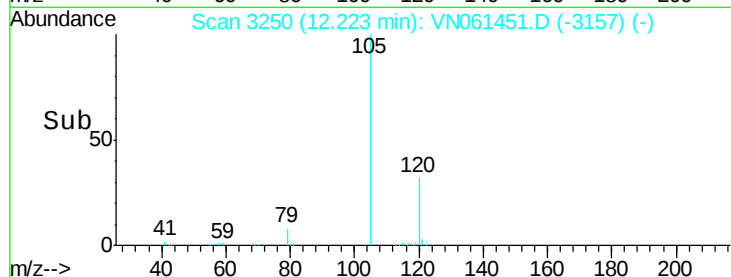
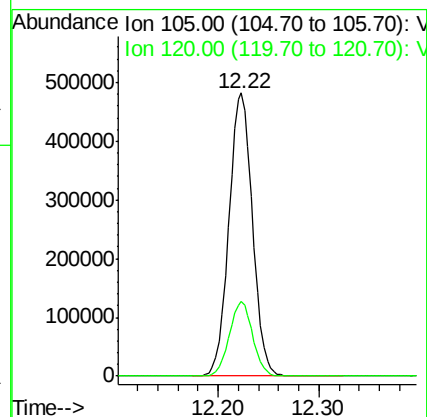
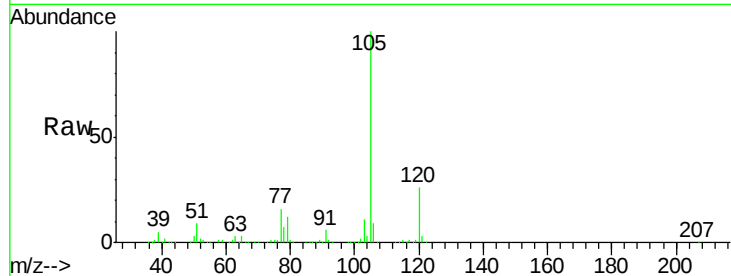
120 26.2 13.0 39.0

Manual Integrations

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#74

N-ethyl acetate

Concen: 51.469 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VN061451.D

Acq: 19 May 2020 00:20

Tgt Ion: 43 Resp: 321994

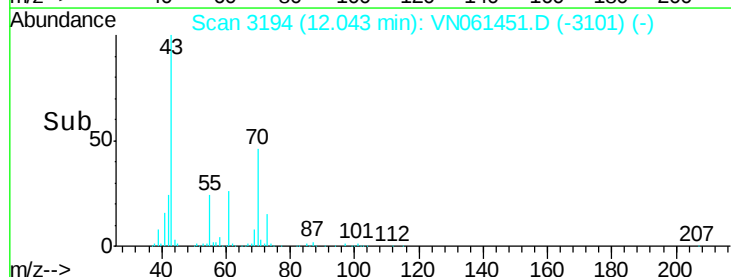
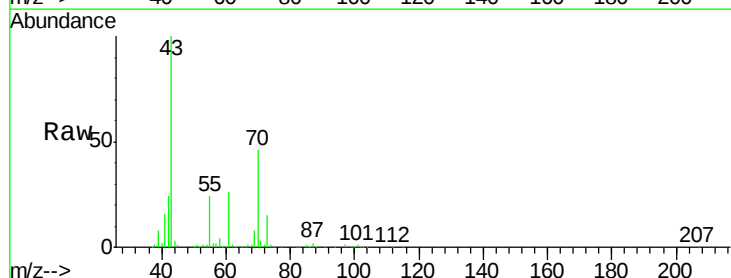
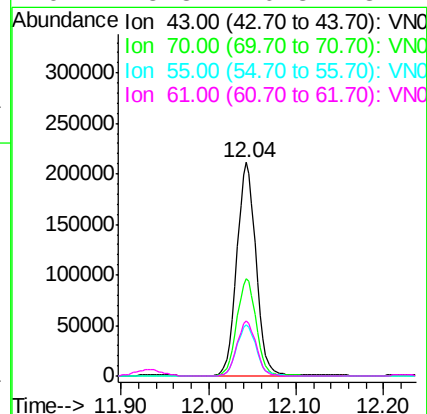
Ion Ratio Lower Upper

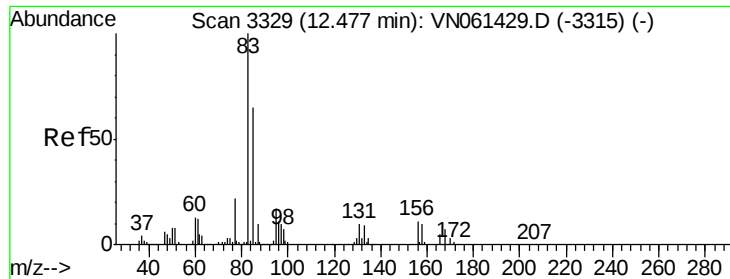
43 100

70 46.2 37.0 55.4

55 24.5 19.5 29.3

61 25.8 20.8 31.2





#75

1,1,2,2-Tetrachloroethane

Concen: 51.443 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN061451.D

Acq: 19 May 2020 00:20

Instrument :

MSVOA_N

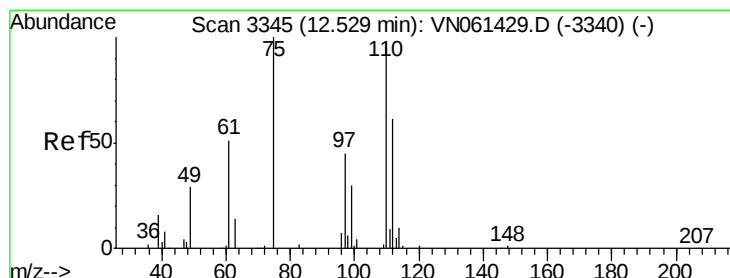
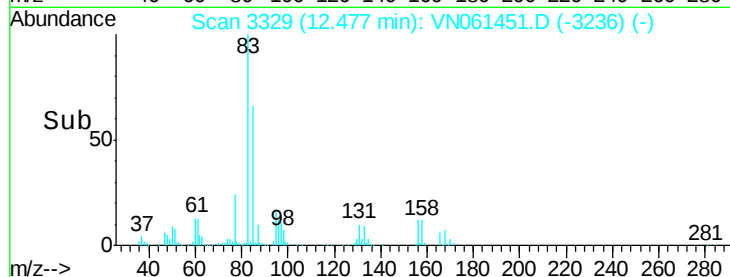
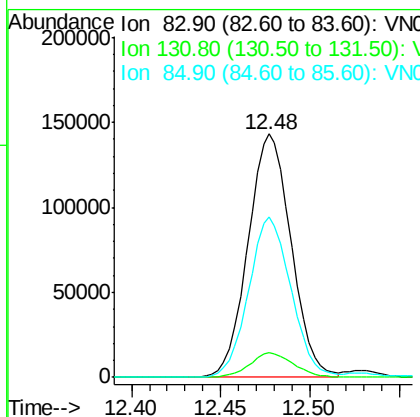
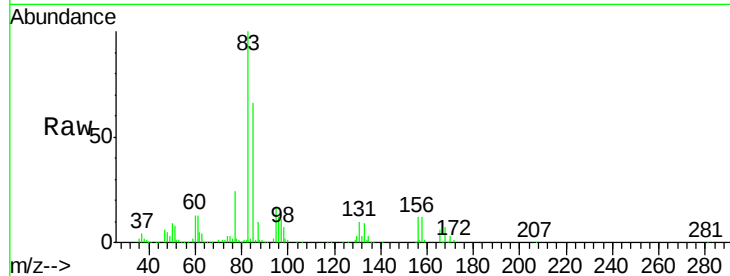
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	241902
Ion Ratio	Lower	Upper	
83	100		
131	10.2	4.8	14.4
85	64.9	32.1	96.5

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#76

1,2,3-Trichloropropane

Concen: 44.631 ug/l m

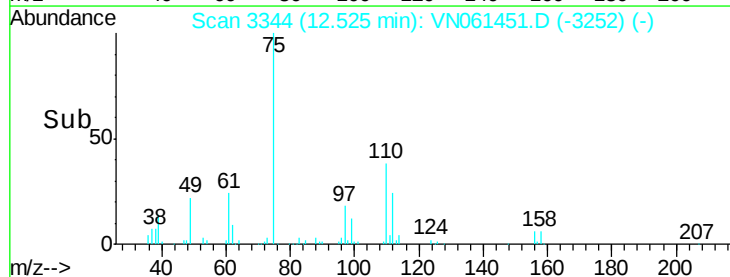
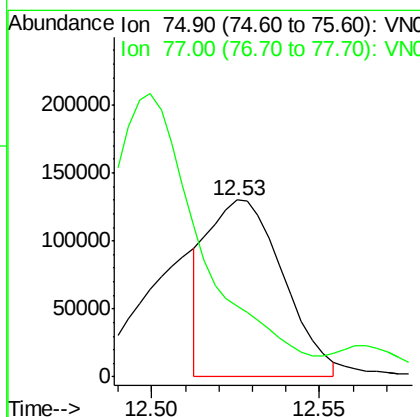
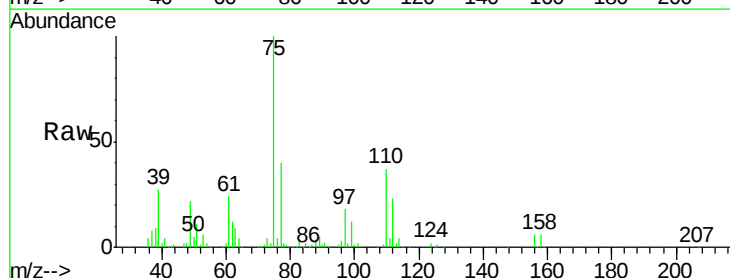
RT: 12.53 min Scan# 3344

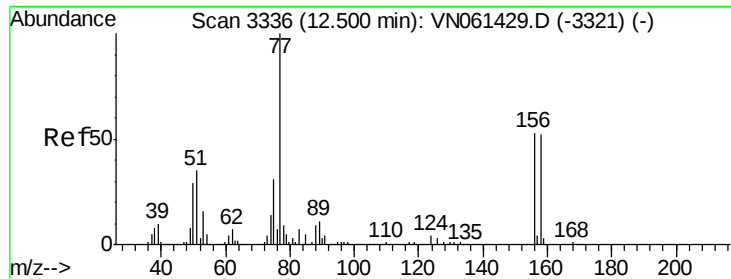
Delta R.T. -0.00 min

Lab File: VN061451.D

Acq: 19 May 2020 00:20

Tgt Ion:	75	Resp:	203887
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 51.557 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN061451.D

Acq: 19 May 2020 00:20

Instrument :

MSVOA_N

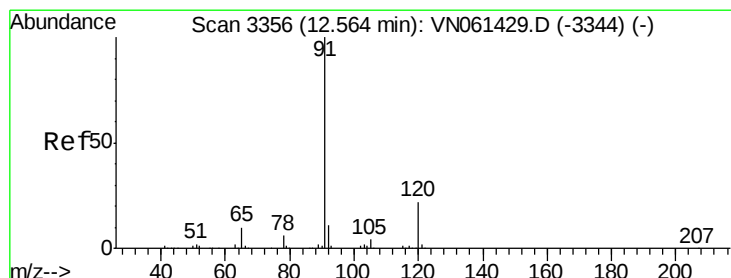
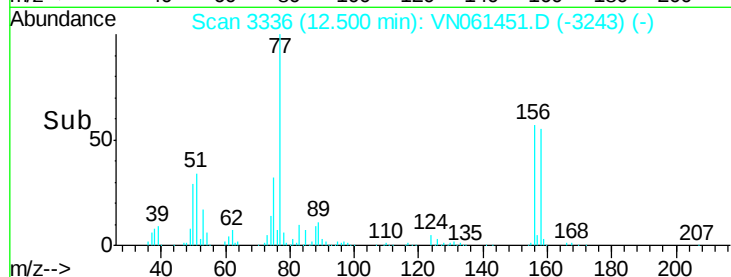
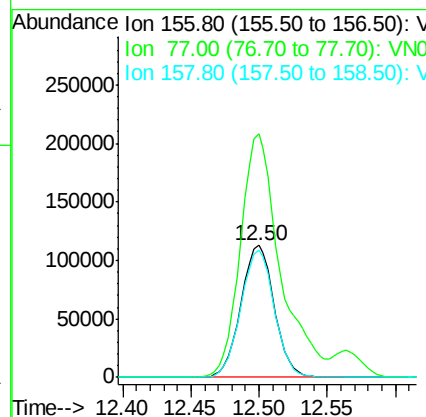
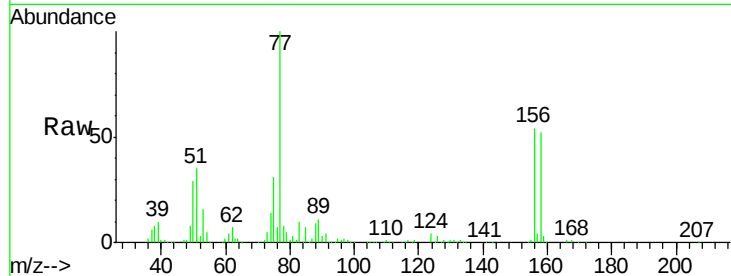
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	191235
Ion Ratio	Lower	Upper	
156	100		
77	221.6	112.3	336.9
158	96.9	47.9	143.6

Manual Integrations
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#78

n-propylbenzene

Concen: 45.498 ug/l

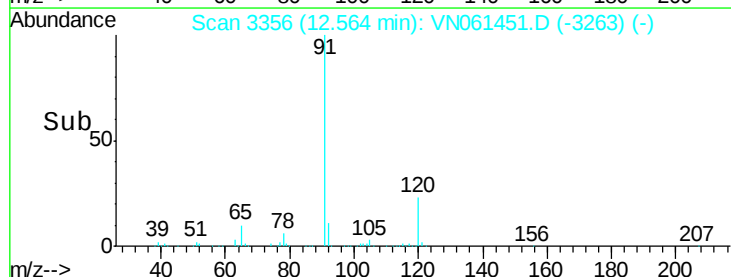
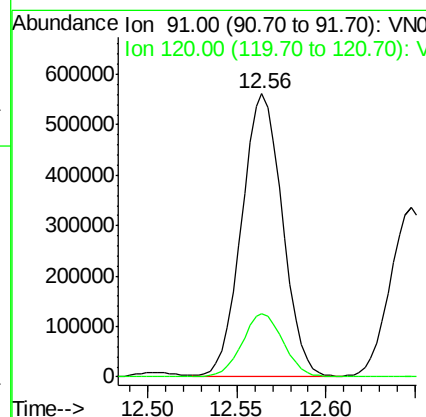
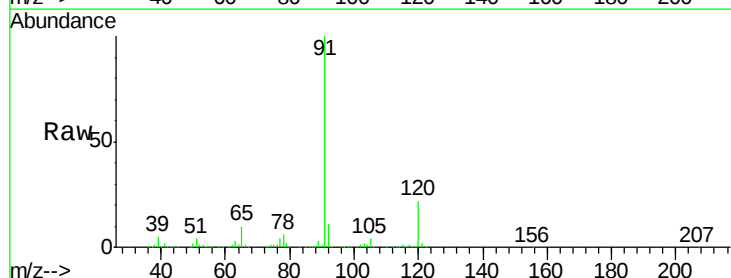
RT: 12.56 min Scan# 3356

Delta R.T. -0.00 min

Lab File: VN061451.D

Acq: 19 May 2020 00:20

Tgt Ion:	91	Resp:	886031
Ion Ratio	Lower	Upper	
91	100		
120	22.7	11.2	33.6





#79

2-Chlorotoluene

Concen: 47.478 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN061451.D

Acq: 19 May 2020 00:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 546507

Ion Ratio Lower Upper

91 100

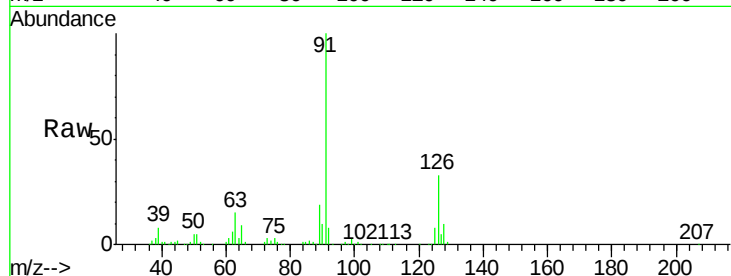
126 32.9 16.3 48.9

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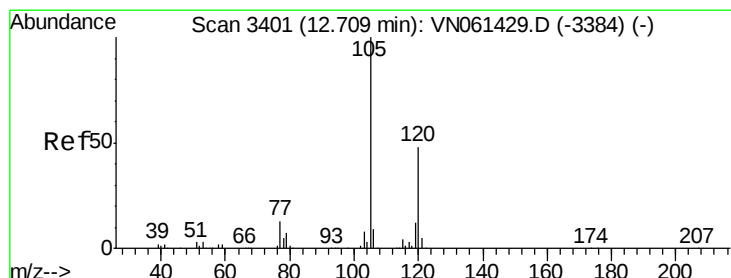
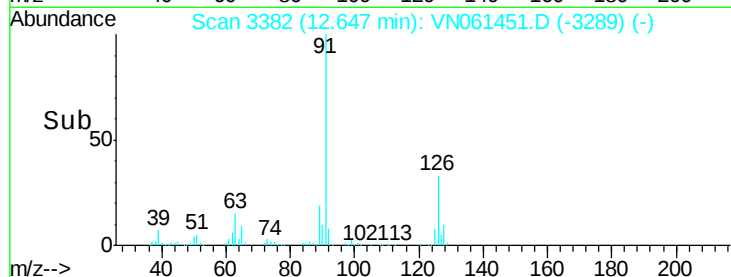
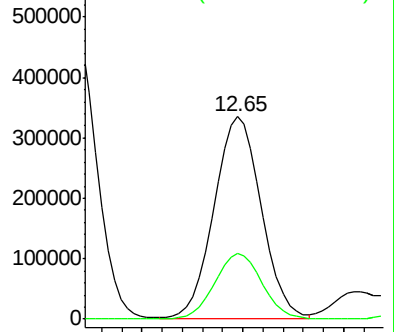
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Abundance Ion 91.00 (90.70 to 91.70): VN061429.D (-3370) (-)

Ion 125.90 (125.60 to 126.60): VN061429.D (-3370) (-)



#80

1,3,5-Trimethylbenzene

Concen: 46.772 ug/l

RT: 12.71 min Scan# 3400

Delta R.T. -0.00 min

Lab File: VN061451.D

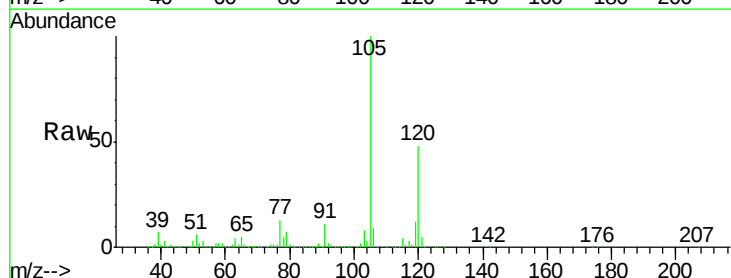
Acq: 19 May 2020 00:20

Tgt Ion: 105 Resp: 654548

Ion Ratio Lower Upper

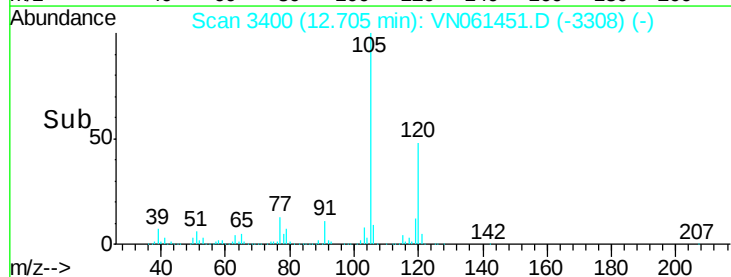
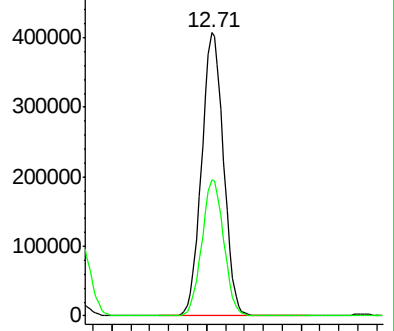
105 100

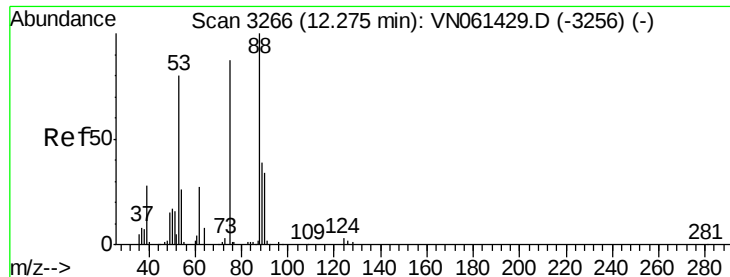
120 48.0 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VN061429.D (-3384) (-)

Ion 120.00 (119.70 to 120.70): VN061429.D (-3384) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 49.144 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN061451.D

Acq: 19 May 2020 00:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 84629

Ion Ratio Lower Upper

75 100

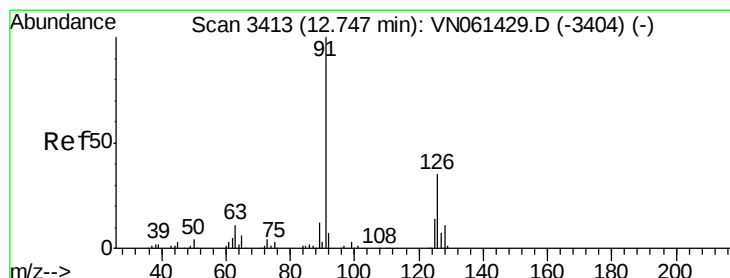
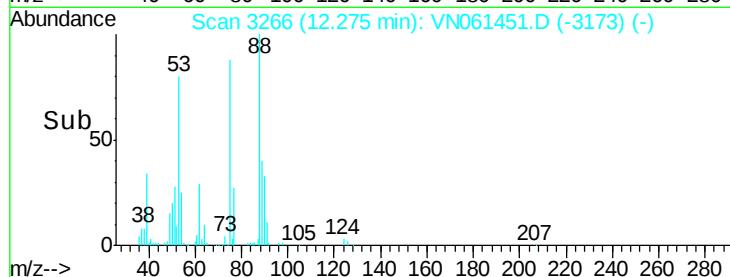
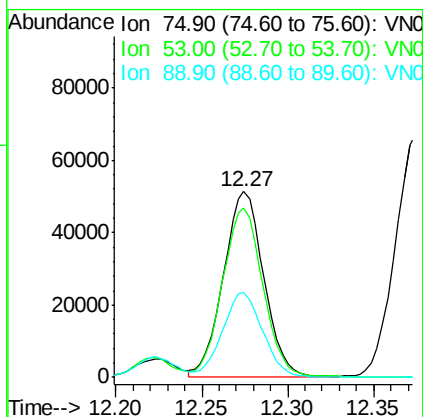
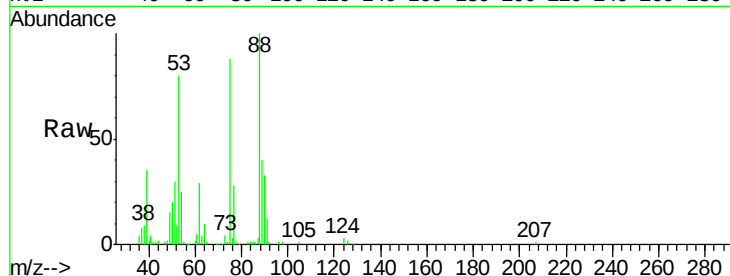
53 91.6 75.2 112.8

89 45.3 38.2 57.4

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#82

4-Chlorotoluene

Concen: 49.009 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN061451.D

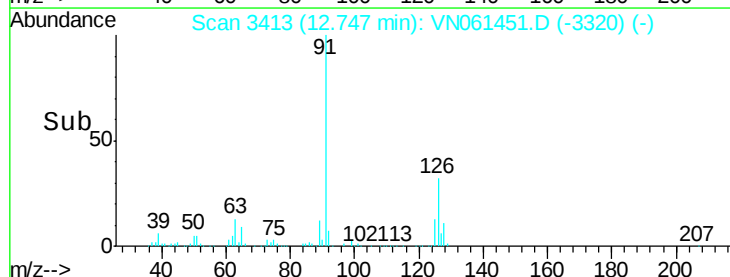
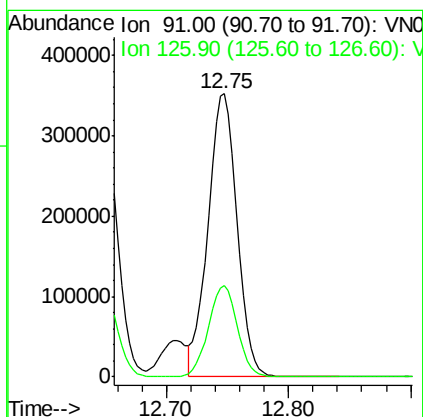
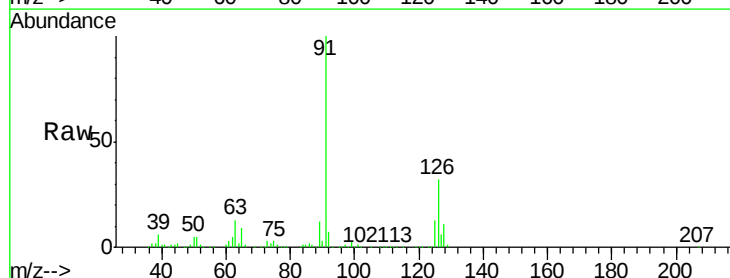
Acq: 19 May 2020 00:20

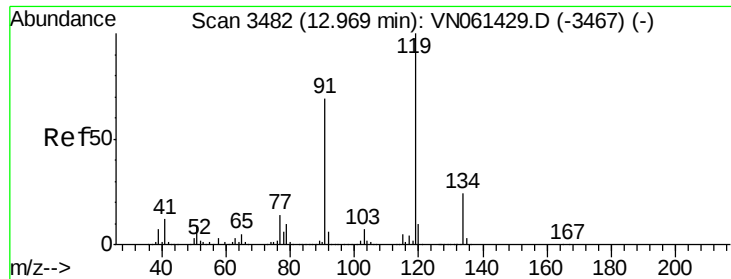
Tgt Ion: 91 Resp: 584116

Ion Ratio Lower Upper

91 100

126 32.3 16.1 48.2





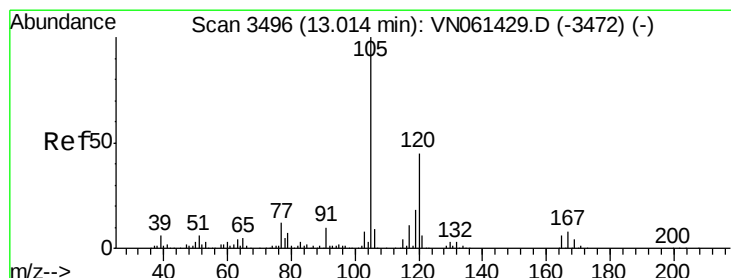
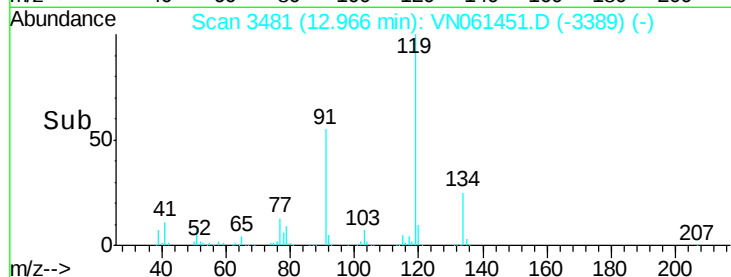
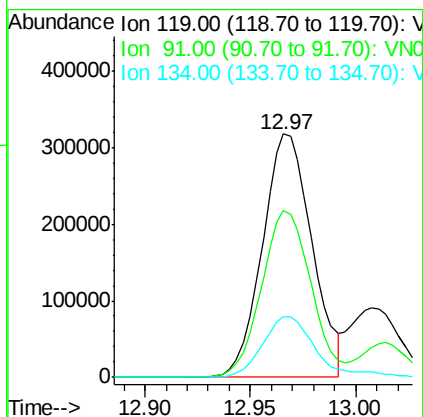
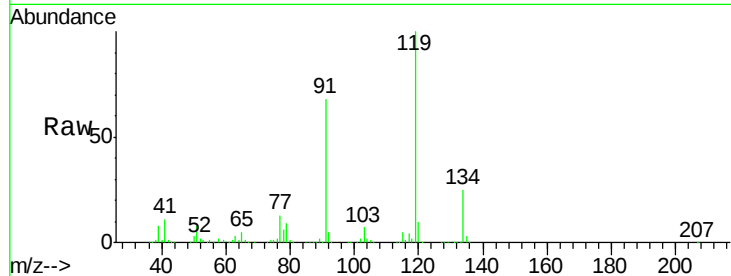
#83
 tert-Butylbenzene
 Concen: 43.394 ug/l
 RT: 12.97 min Scan# 3481
 Delta R.T. -0.00 min
 Lab File: VN061451.D
 Acq: 19 May 2020 00:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	68.0	33.7	101.0
134	26.8	12.8	38.3

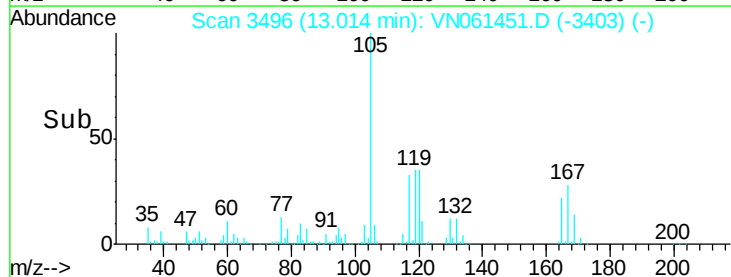
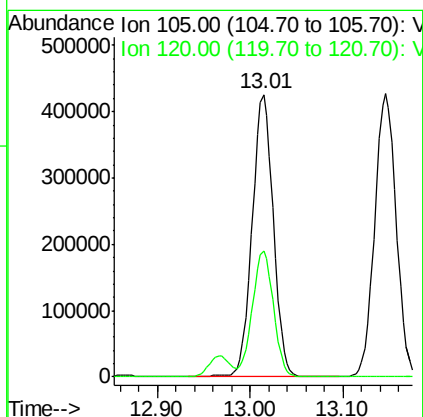
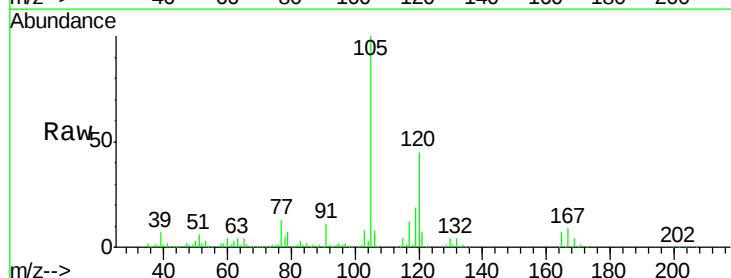
Manual Integrations
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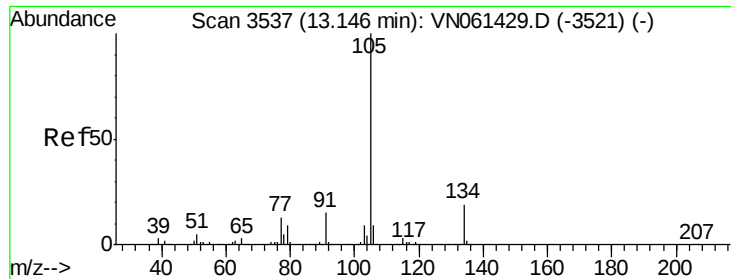
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#84
 1,2,4-Trimethylbenzene
 Concen: 48.126 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN061451.D
 Acq: 19 May 2020 00:20

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.6	22.4	67.3





#85

sec-Butylbenzene

Concen: 42.262 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN061451.D

Acq: 19 May 2020 00:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 685033

Ion Ratio Lower Upper

105 100

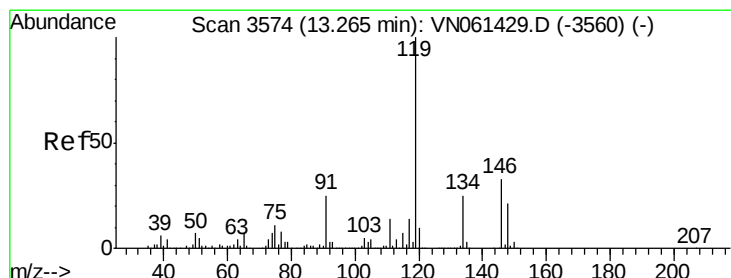
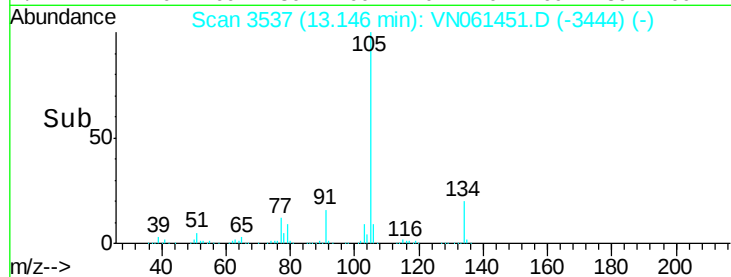
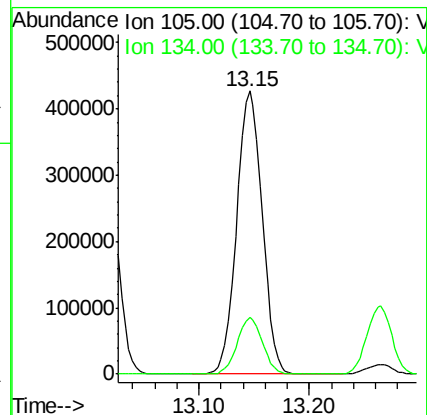
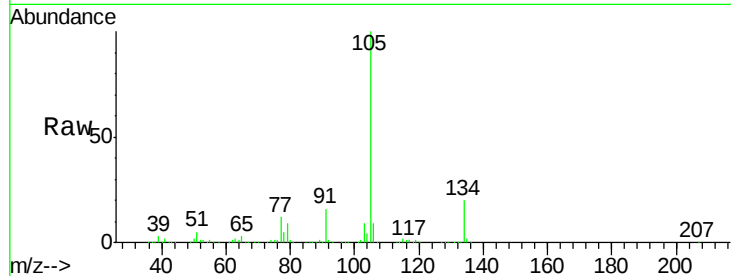
134 19.8 9.8 29.5

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 43.215 ug/l

RT: 13.26 min Scan# 3573

Delta R.T. -0.00 min

Lab File: VN061451.D

Acq: 19 May 2020 00:20

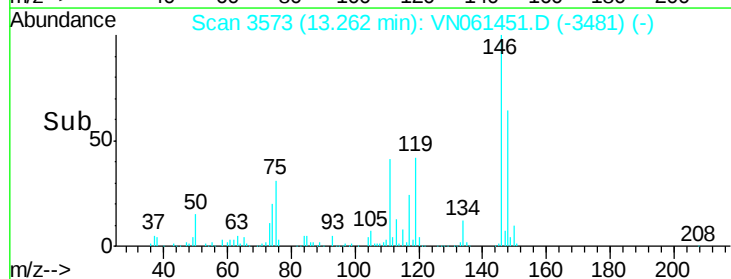
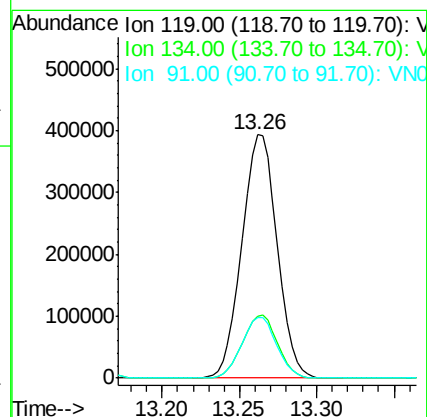
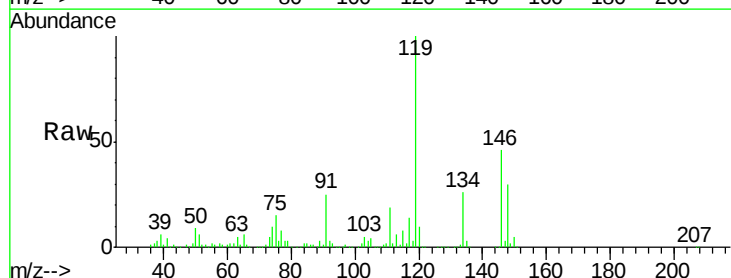
Tgt Ion:119 Resp: 622007

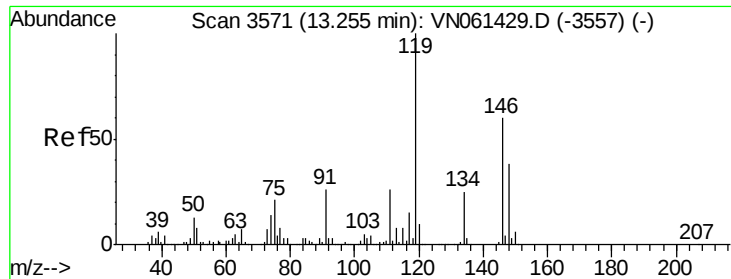
Ion Ratio Lower Upper

119 100

134 25.9 12.7 38.1

91 24.8 12.6 37.6





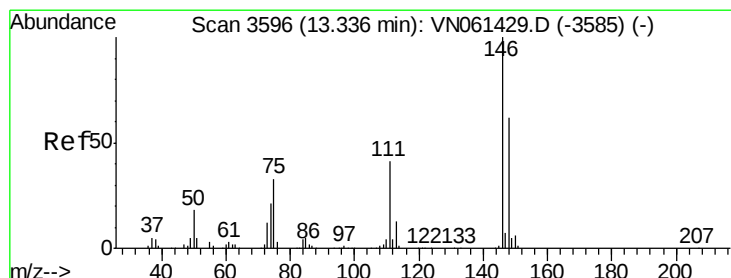
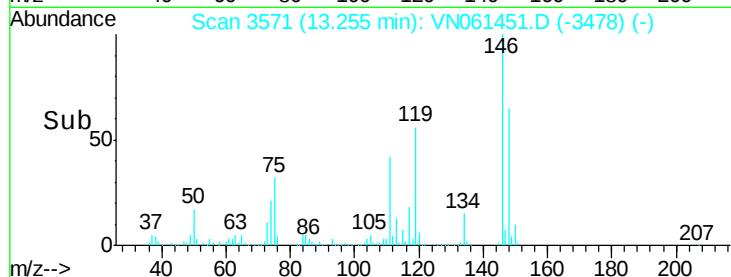
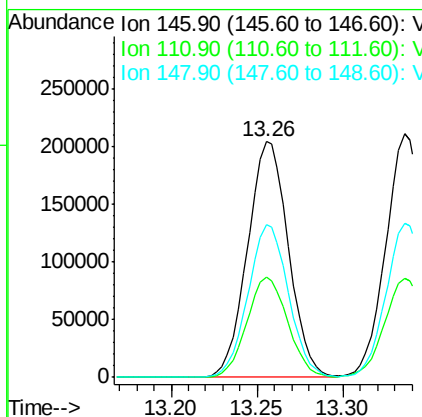
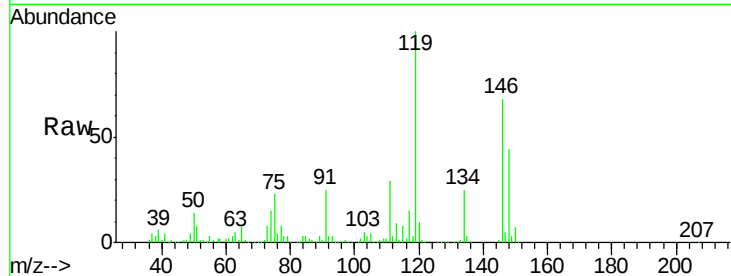
#87
 1,3-Dichlorobenzene
 Concen: 49.744 ug/l
 RT: 13.26 min Scan# 3571
 Delta R.T. -0.00 min
 Lab File: VN061451.D
 Acq: 19 May 2020 00:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.2	21.5	64.5
148	64.1	31.8	95.3

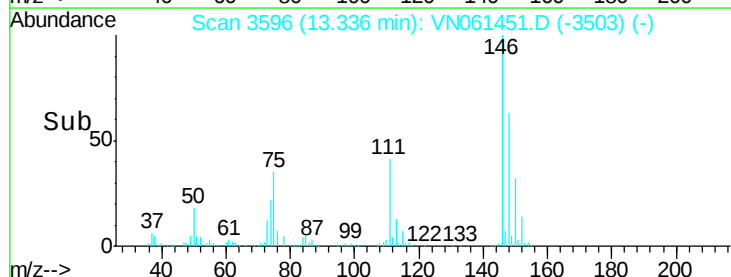
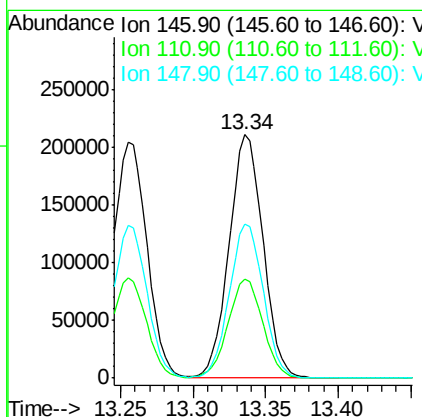
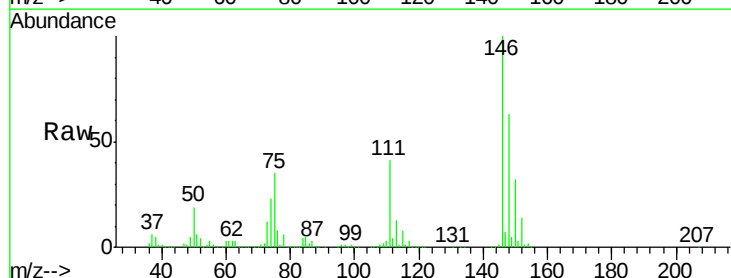
Manual Integrations
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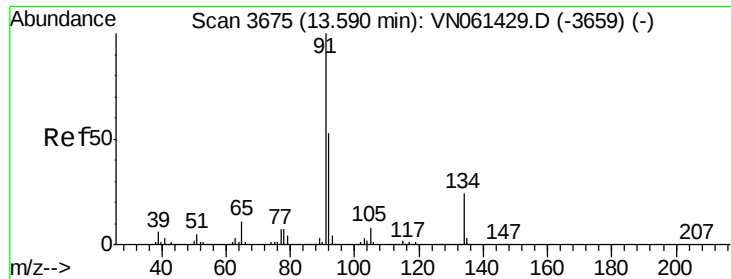
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#88
 1,4-Dichlorobenzene
 Concen: 50.302 ug/l
 RT: 13.34 min Scan# 3596
 Delta R.T. -0.00 min
 Lab File: VN061451.D
 Acq: 19 May 2020 00:20

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.8	62.5
148	63.6	31.6	94.8





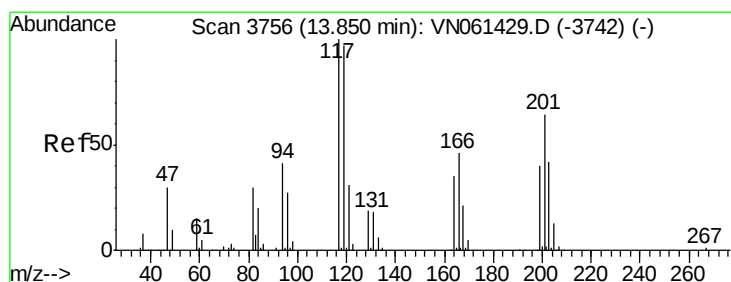
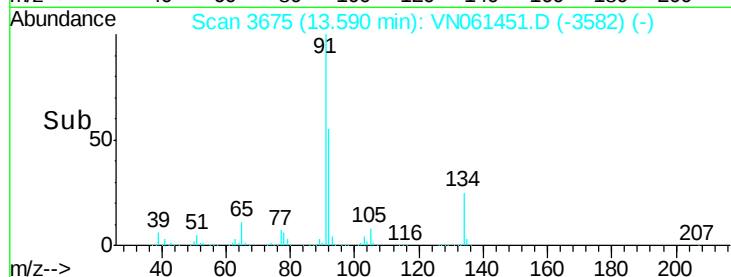
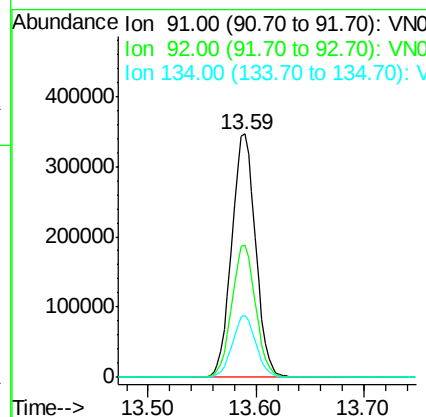
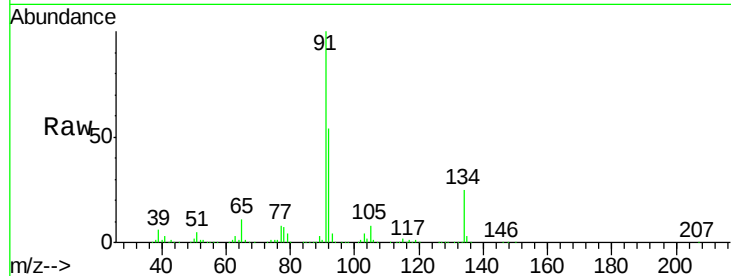
#89
n-Butylbenzene
Concen: 41.007 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN061451.D
Acq: 19 May 2020 00:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	53.9	26.8	80.3	
134	25.0	12.4	37.4	

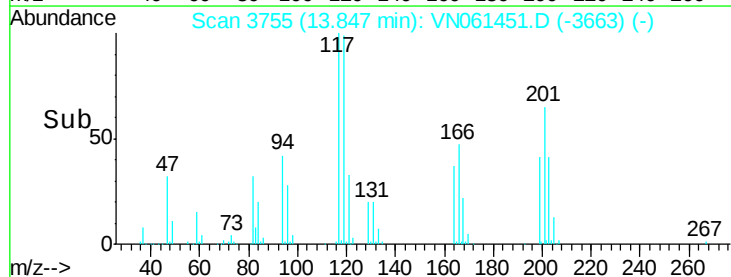
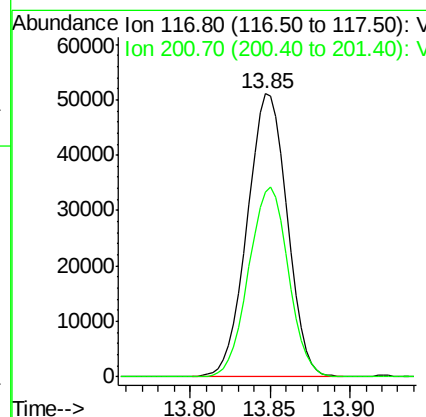
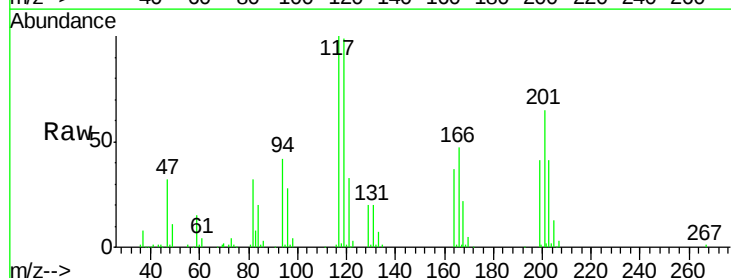
Manual Integrations
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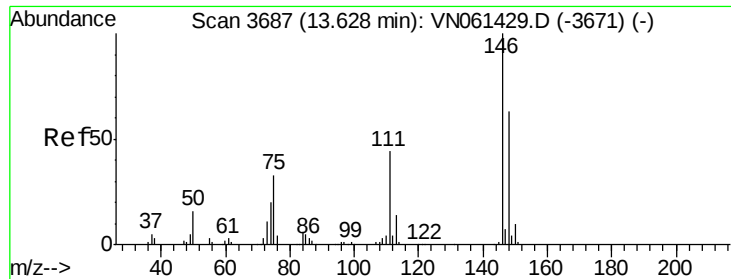
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#90
Hexachloroethane
Concen: 44.889 ug/l
RT: 13.85 min Scan# 3755
Delta R.T. -0.00 min
Lab File: VN061451.D
Acq: 19 May 2020 00:20

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	66.5	32.9	98.7	





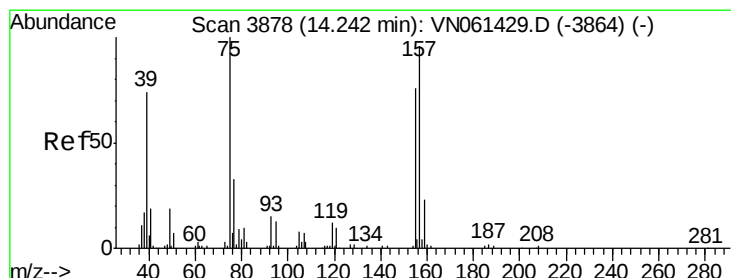
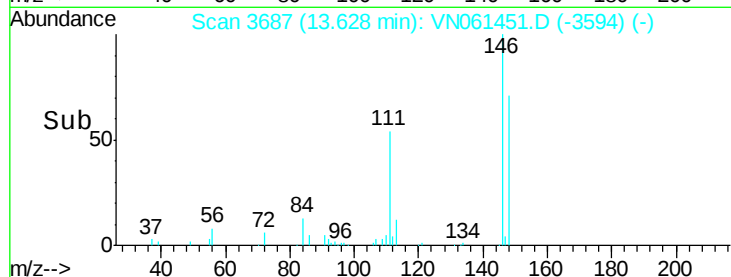
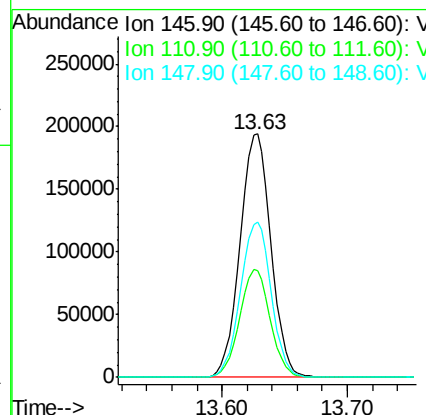
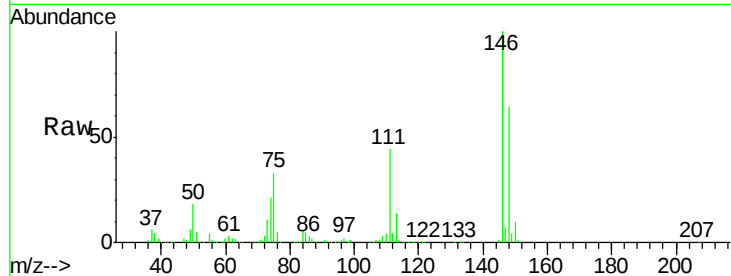
#91
 1,2-Dichlorobenzene
 Concen: 51.019 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN061451.D
 Acq: 19 May 2020 00:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:	146	Resp:	332219
Ion Ratio	Lower	Upper	
146	100		
111	43.8	21.9	65.7
148	63.5	31.6	94.7

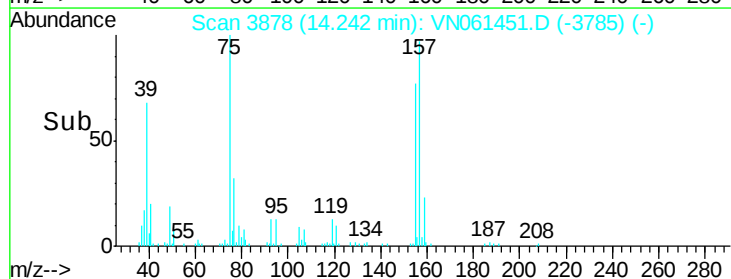
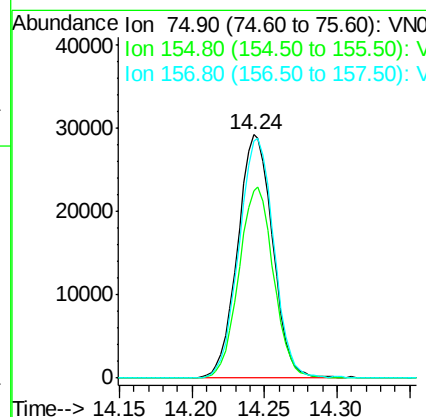
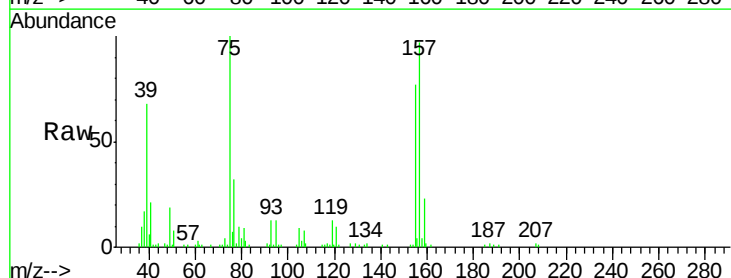
Manual Integrations
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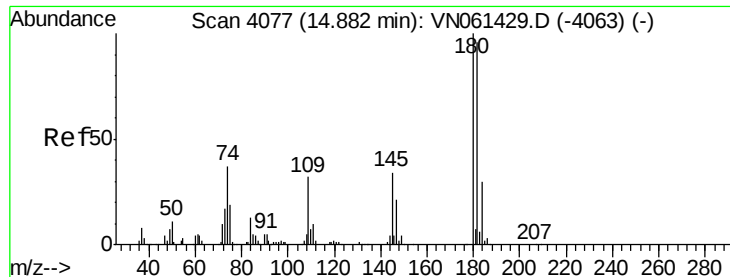
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.708 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. -0.00 min
 Lab File: VN061451.D
 Acq: 19 May 2020 00:20

Tgt Ion:	75	Resp:	49116
Ion Ratio	Lower	Upper	
75	100		
155	77.3	38.9	116.7
157	97.9	48.6	145.8





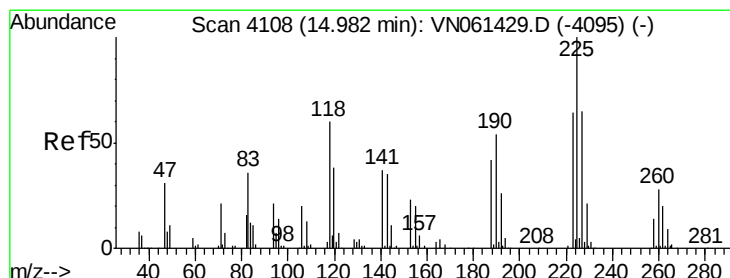
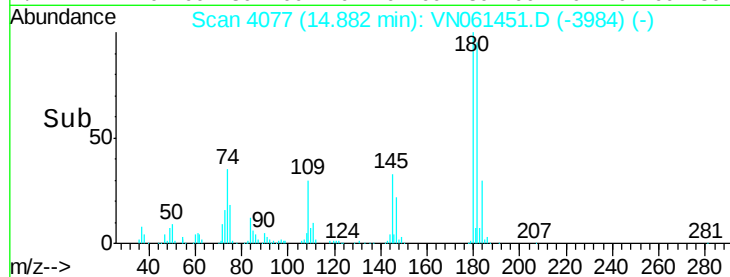
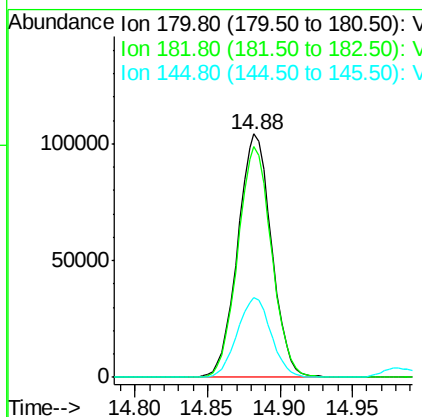
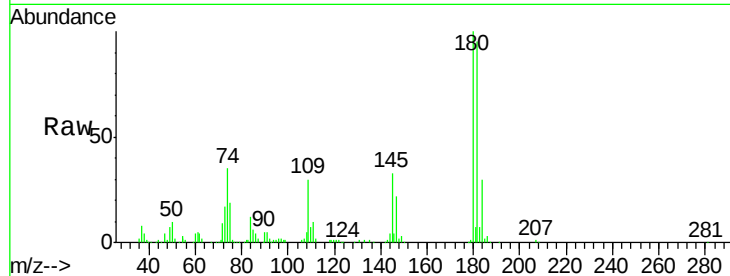
#93
 1,2,4-Trichlorobenzene
 Concen: 47.767 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN061451.D
 Acq: 19 May 2020 00:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	168654		
182	94.7	47.0	141.0	
145	32.9	16.7	50.0	

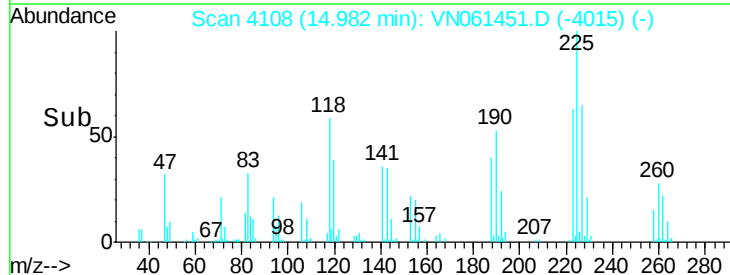
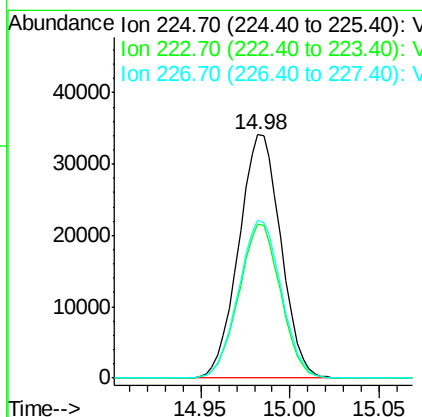
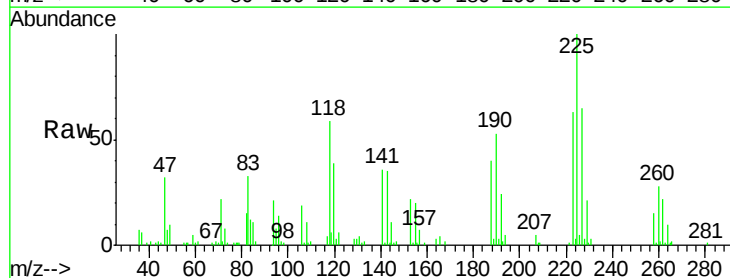
Manual Integrations
 APPROVED

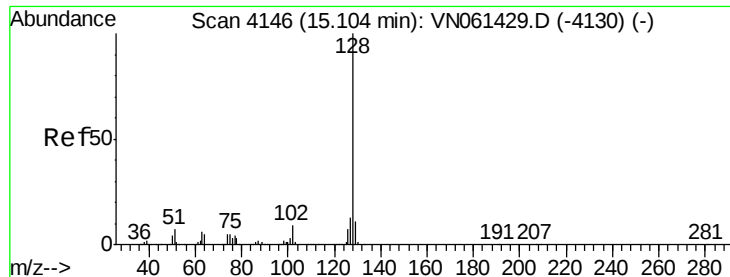
MMDadoda
 5/19/2020 4:24:44 PM



#94
 Hexachlorobutadiene
 Concen: 35.935 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN061451.D
 Acq: 19 May 2020 00:20

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	56375		
223	62.6	31.9	95.7	
227	65.8	31.5	94.5	





#95

Naphthalene

Concen: 53.203 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. -0.00 min

Lab File: VN061451.D

Acq: 19 May 2020 00:20

Instrument :

MSVOA_N

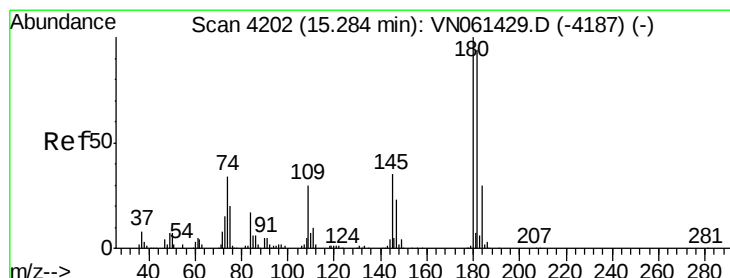
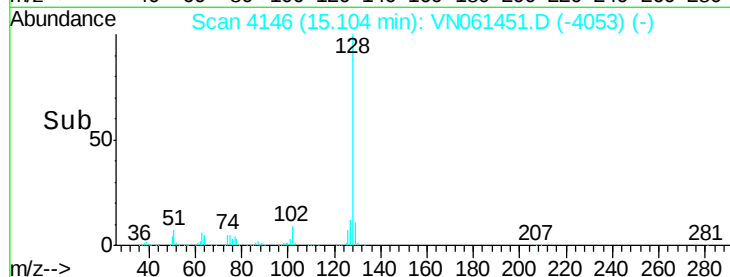
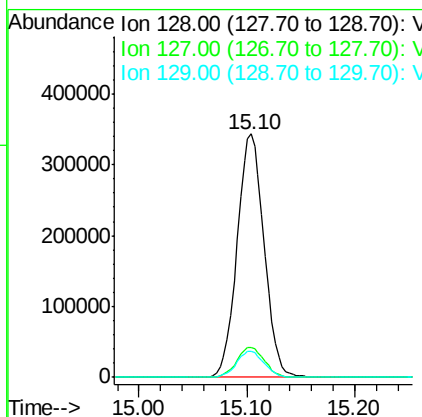
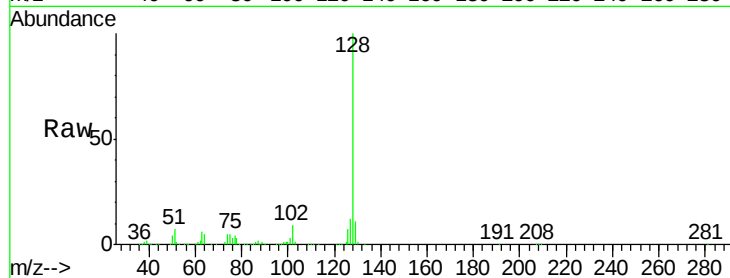
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	597193
Ion Ratio	Lower	Upper	
128	100		
127	12.6	10.1	15.1
129	10.9	8.6	13.0

Manual Integrations
APPROVED

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5/19/2020 4:24:44 PM



#96

1,2,3-Trichlorobenzene

Concen: 46.753 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. -0.00 min

Lab File: VN061451.D

Acq: 19 May 2020 00:20

Tgt Ion:	180	Resp:	164330
Ion Ratio	Lower	Upper	
180	100		
182	95.1	47.8	143.3
145	35.4	17.3	51.9

