

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061920\
 Data File : VN061969.D
 Acq On : 19 Jun 2020 22:24
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/22/2020 10:30:02 AM

Quant Time: Jun 22 02:47:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 17 01:19:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	162886	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	286633	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	265252	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	131157	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	113701	52.05	ug/l	0.00
Spiked Amount 50.000			Recovery =	104.10%		
35) Dibromofluoromethane	7.55	113	94325	51.44	ug/l	0.00
Spiked Amount 50.000			Recovery =	102.88%		
50) Toluene-d8	10.06	98	373347	51.79	ug/l	0.00
Spiked Amount 50.000			Recovery =	103.58%		
62) 4-Bromofluorobenzene	12.38	95	131817	53.31	ug/l	0.00
Spiked Amount 50.000			Recovery =	106.62%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	105949	49.990	ug/l	100
3) Chloromethane	2.03	50	114923	50.830	ug/l	98
4) Vinyl Chloride	2.16	62	147885	54.867	ug/l	100
5) Bromomethane	2.52	94	90716	43.828	ug/l	96
6) Chloroethane	2.66	64	95403	52.300	ug/l	100
7) Trichlorofluoromethane	2.98	101	155204	48.207	ug/l	98
8) Diethyl Ether	3.37	74	60026	55.459	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	85580	51.813	ug/l	99
10) Methyl Iodide	3.91	142	103031	51.506	ug/l	98
11) Tert butyl alcohol	4.74	59	77532	256.477	ug/l	99
12) 1,1-Dichloroethene	3.69	96	87926	53.128	ug/l	97
13) Acrolein	3.56	56	57338	317.355	ug/l	99
14) Allyl chloride	4.27	41	119336	54.329	ug/l	99
15) Acrylonitrile	4.93	53	222488	297.031	ug/l	99
16) Acetone	3.77	43	171931	266.447	ug/l	100
17) Carbon Disulfide	4.00	76	237576	49.060	ug/l	98
18) Methyl Acetate	4.27	43	105796	56.948	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	301289	54.676	ug/l	99
20) Methylene Chloride	4.50	84	103974	49.457	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	97406	51.241	ug/l	98
22) Diisopropyl ether	5.90	45	274305	54.603	ug/l	96
23) Vinyl Acetate	5.84	43	1114093	281.971	ug/l	98
24) 1,1-Dichloroethane	5.80	63	173375	52.721	ug/l	99
25) 2-Butanone	6.79	43	272508	289.454	ug/l	98
26) 2,2-Dichloropropane	6.77	77	131397	47.492	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	114592	52.244	ug/l	100
28) Bromochloromethane	7.15	49	79689	54.424	ug/l	94
29) Tetrahydrofuran	7.17	42	180229	290.889	ug/l	99
30) Chloroform	7.33	83	179939	51.198	ug/l	100
31) Cyclohexane	7.61	56	143542	49.862	ug/l	100
32) 1,1,1-Trichloroethane	7.53	97	156161	52.173	ug/l	99
36) 1,1-Dichloropropene	7.75	75	134604	51.485	ug/l	100
37) Ethyl Acetate	6.88	43	117702	57.652	ug/l	100
38) Carbon Tetrachloride	7.73	117	130260	50.313	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	148091	52.605	ug/l	98
40) Benzene	8.00	78	412497	52.085	ug/l	99
41) Methacrylonitrile	7.12	41	45441	52.051	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	141160	52.274	ug/l	100
43) Isopropyl Acetate	8.13	43	198547	57.707	ug/l #	90
44) Trichloroethene	8.80	130	104236	50.011	ug/l	99
45) 1,2-Dichloropropane	9.09	63	103984	53.428	ug/l	100
46) Dibromomethane	9.18	93	72011	52.542	ug/l	98
47) Bromodichloromethane	9.37	83	146503	52.204	ug/l	98
48) Methyl methacrylate	9.17	41	86866	55.518	ug/l	99
49) 1,4-Dioxane	9.17	88	36641	1020.001	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	600589	295.397	ug/l	100
52) Toluene	10.12	92	270438	54.373	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	160872	53.998	ug/l	96
54) cis-1,3-Dichloropropene	9.81	75	172348	53.262	ug/l	100
55) 1,1,2-Trichloroethane	10.53	97	105473	53.897	ug/l	97
56) Ethyl methacrylate	10.40	69	153061	51.135	ug/l	98
57) 1,3-Dichloropropane	10.68	76	177872	53.652	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	294503	285.150	ug/l	98
59) 2-Hexanone	10.72	43	439362	269.392	ug/l	99
60) Dibromochloromethane	10.87	129	114309	52.348	ug/l	99
61) 1,2-Dibromoethane	10.98	107	107853	52.781	ug/l	98
64) Tetrachloroethene	10.60	164	87488	51.749	ug/l	98
65) Chlorobenzene	11.41	112	284331	50.800	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	103588	53.066	ug/l	99
67) Ethyl Benzene	11.48	91	507617	54.093	ug/l	99
68) m/p-Xylenes	11.59	106	391406	108.166	ug/l	99
69) o-Xylene	11.92	106	188079	54.474	ug/l	98
70) Styrene	11.94	104	322871	55.850	ug/l	100
71) Bromoform	12.10	173	78107	54.876	ug/l #	98
73) Isopropylbenzene	12.22	105	498273	53.462	ug/l	100
74) N-amyl acetate	12.04	43	180414	53.241	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	159736	52.715	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	131922m	51.233	ug/l	
77) Bromobenzene	12.50	156	120644	51.308	ug/l	98
78) n-propylbenzene	12.57	91	565217	53.148	ug/l	99
79) 2-Chlorotoluene	12.65	91	336573	52.695	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	410898	53.289	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	51418	54.463	ug/l	99
82) 4-Chlorotoluene	12.75	91	351107	53.199	ug/l	98
83) tert-Butylbenzene	12.97	119	354338	54.205	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	413201	54.286	ug/l	100
85) sec-Butylbenzene	13.15	105	467963	54.693	ug/l	99
86) p-Isopropyltoluene	13.26	119	416682	54.652	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	217070	50.616	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	214846	48.942	ug/l	98
89) n-Butylbenzene	13.59	91	344430	54.093	ug/l	99
90) Hexachloroethane	13.85	117	75791	54.306	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	213769	51.778	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	28465	57.863	ug/l	94

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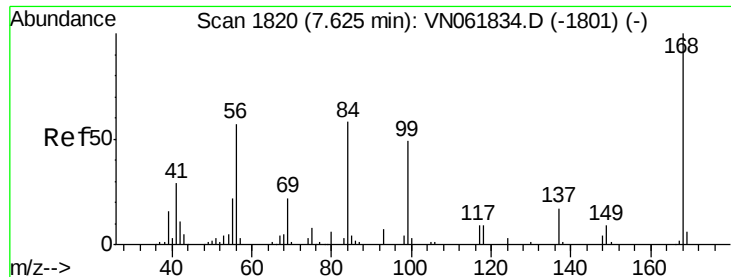
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	103095	52.918	ug/l	100
94) Hexachlorobutadiene	14.98	225	40730	53.082	ug/l	97
95) Naphthalene	15.10	128	305993	47.118	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	103159	53.466	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

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Instrument :

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ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 162886

Ion Ratio Lower Upper

168 100

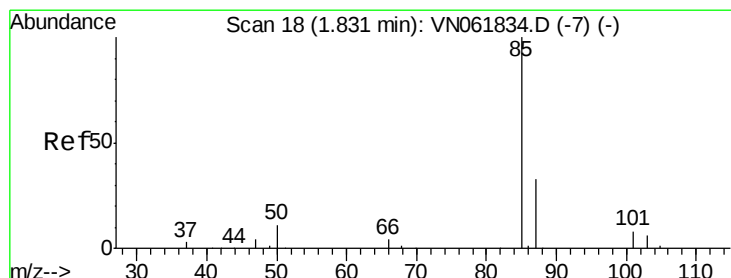
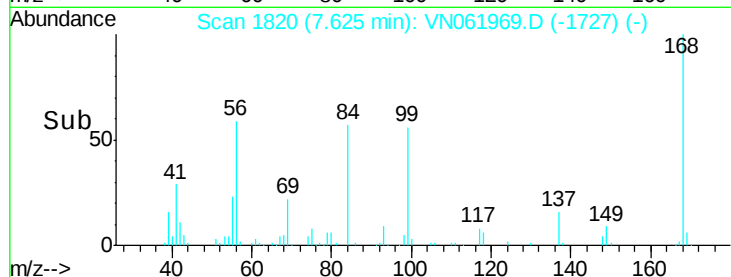
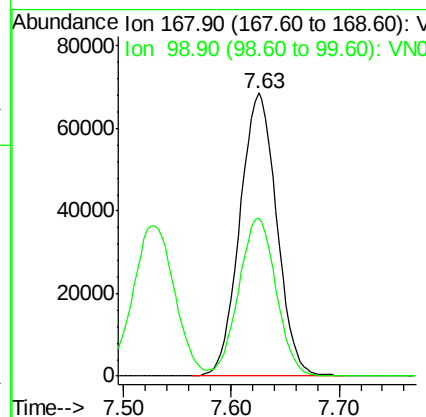
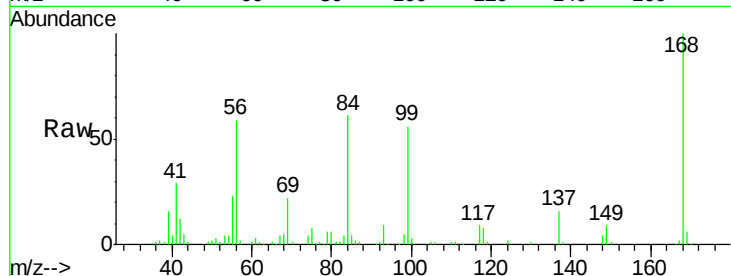
99 55.9 44.6 67.0

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 49.990 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061969.D

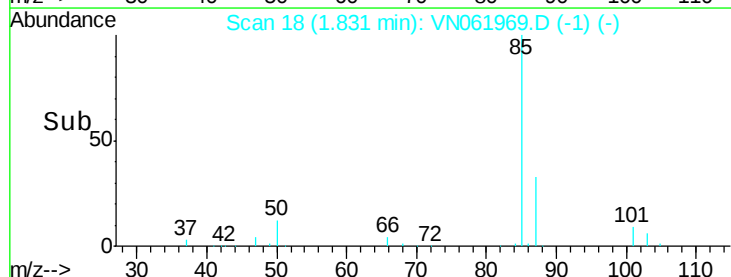
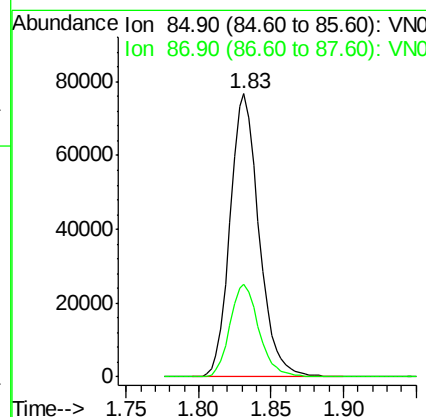
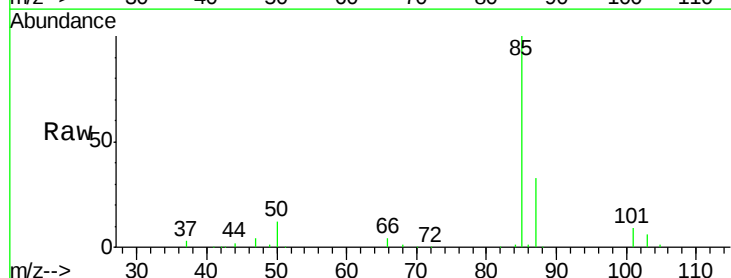
Acq: 19 Jun 2020 22:24

Tgt Ion: 85 Resp: 105949

Ion Ratio Lower Upper

85 100

87 32.9 16.6 49.8





#3

Chloromethane

Concen: 50.830 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN061969.D

Acq: 19 Jun 2020 22:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 114923

Ion Ratio Lower Upper

50 100

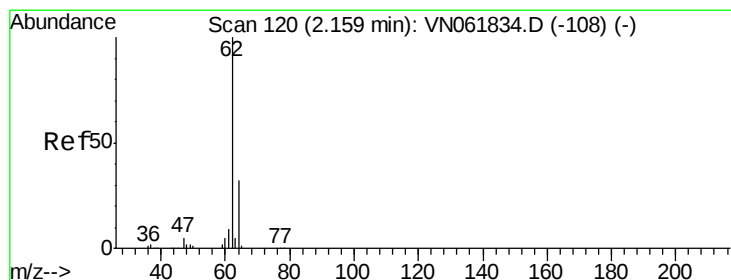
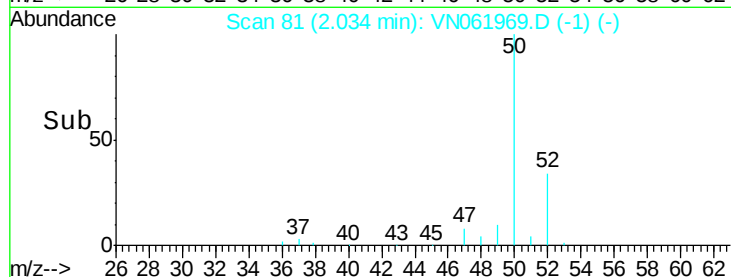
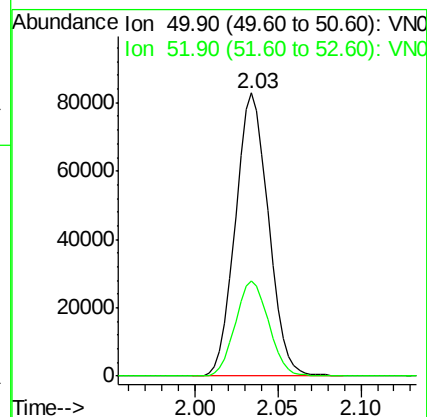
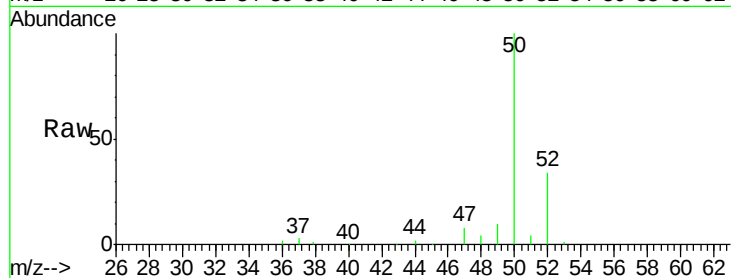
52 33.8 26.0 39.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 54.867 ug/l

RT: 2.16 min Scan# 119

Delta R.T. -0.00 min

Lab File: VN061969.D

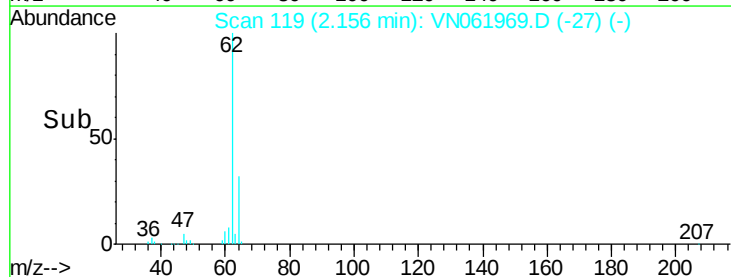
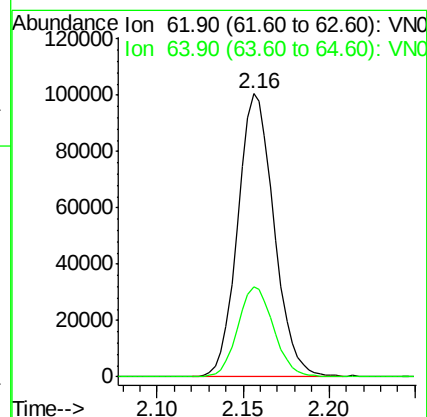
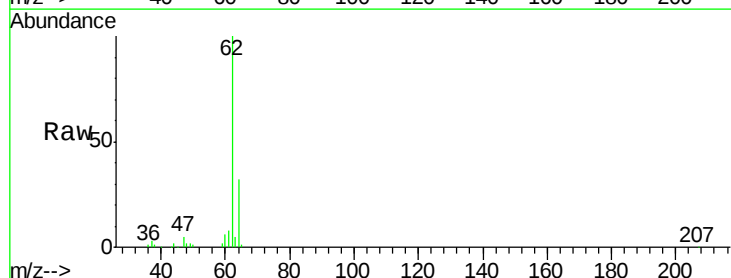
Acq: 19 Jun 2020 22:24

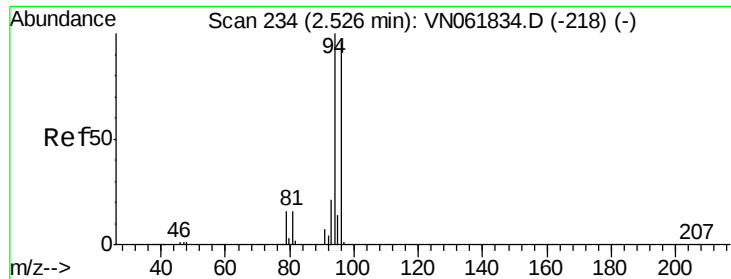
Tgt Ion: 62 Resp: 147885

Ion Ratio Lower Upper

62 100

64 31.8 25.5 38.3





#5

Bromomethane

Concen: 43.828 ug/l

RT: 2.52 min Scan# 231

Delta R.T. -0.01 min

Lab File: VN061969.D

Acq: 19 Jun 2020 22:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 90716

Ion Ratio Lower Upper

94 100

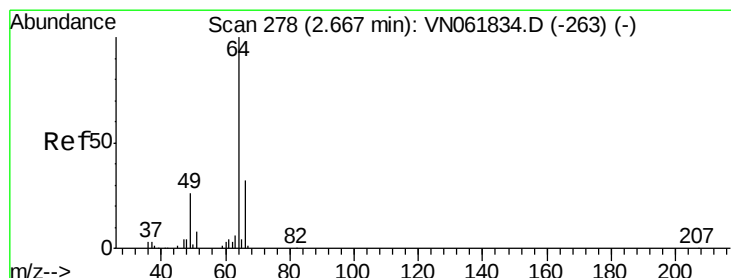
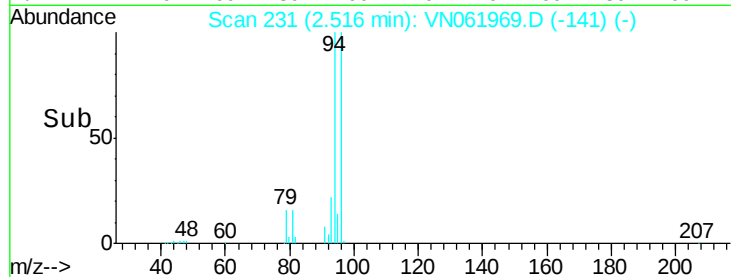
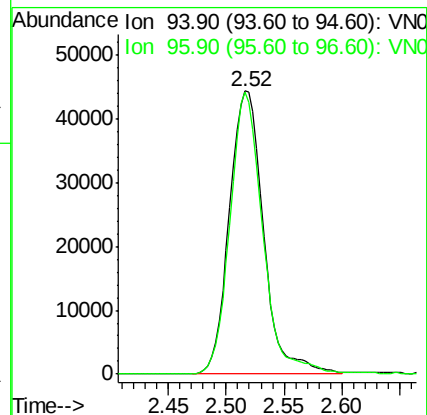
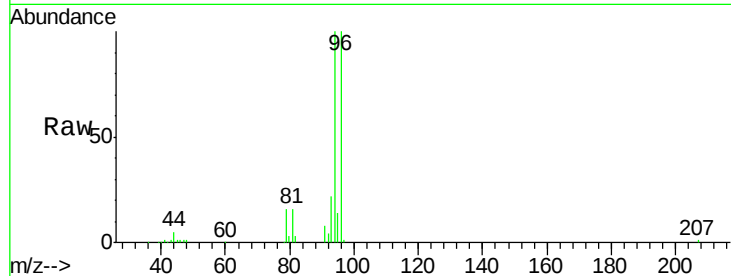
96 99.7 76.7 115.1

Manual Integrations

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#6

Chloroethane

Concen: 52.300 ug/l

RT: 2.66 min Scan# 276

Delta R.T. -0.01 min

Lab File: VN061969.D

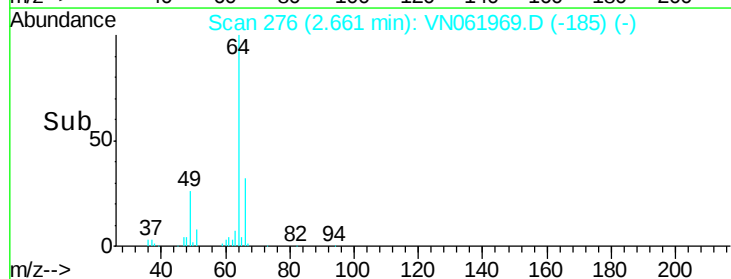
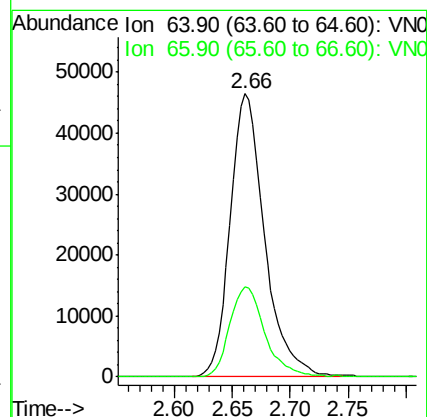
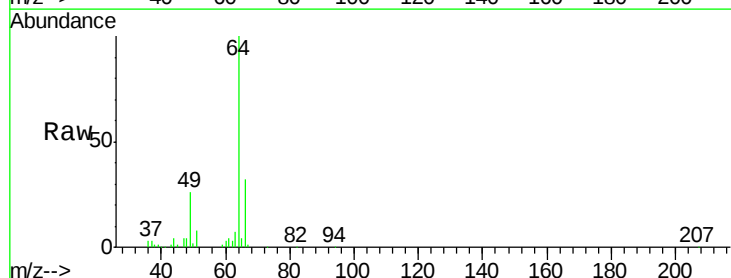
Acq: 19 Jun 2020 22:24

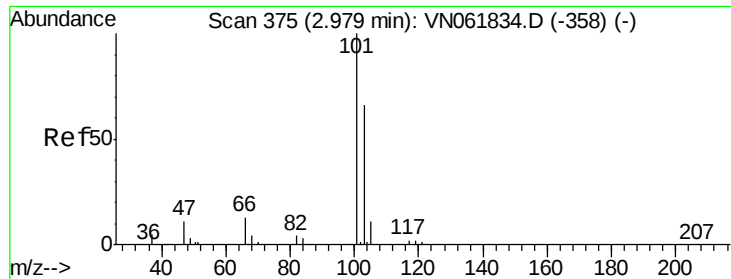
Tgt Ion: 64 Resp: 95403

Ion Ratio Lower Upper

64 100

66 31.9 25.4 38.2





#7

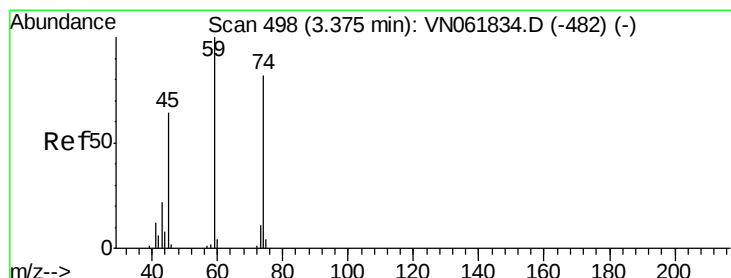
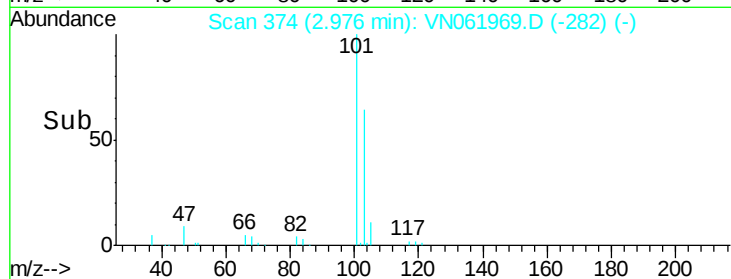
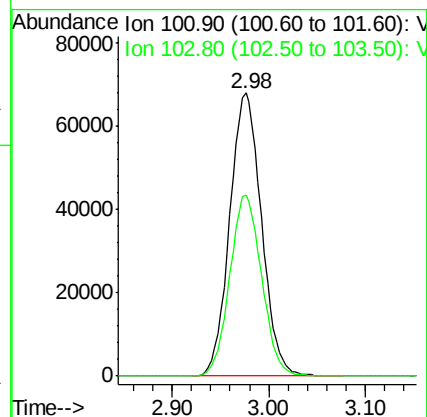
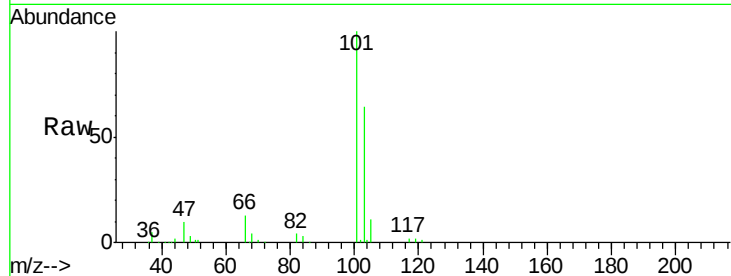
Trichlorofluoromethane
Concen: 48.207 ug/l
RT: 2.98 min Scan# 374
Delta R.T. -0.00 min
Lab File: VN061969.D
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.0	52.8	79.2

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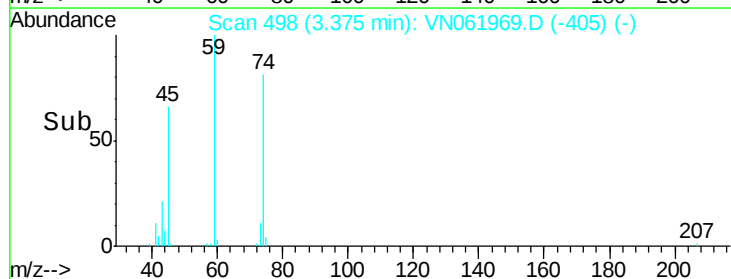
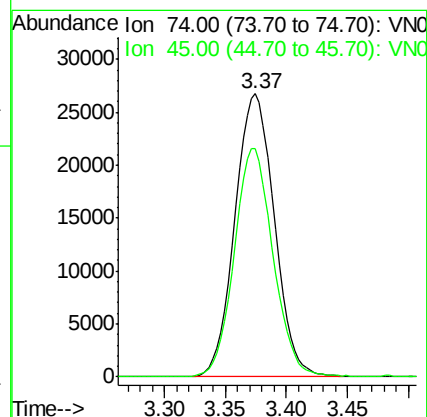
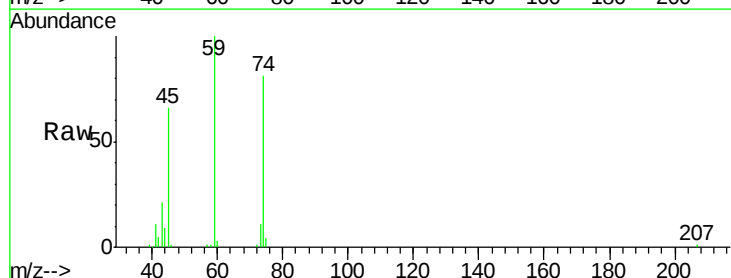
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6/22/2020 10:30:02 AM

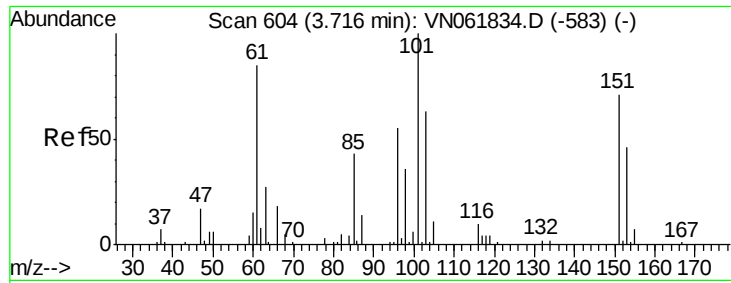


#8

Diethyl Ether
Concen: 55.459 ug/l
RT: 3.37 min Scan# 498
Delta R.T. 0.00 min
Lab File: VN061969.D
Acq: 19 Jun 2020 22:24

Tgt Ion	Ratio	Lower	Upper
74	100		
45	79.5	39.1	117.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.813 ug/l

RT: 3.72 min Scan# 604

Delta R.T. 0.00 min

Lab File: VN061969.D

Acq: 19 Jun 2020 22:24

Instrument :

MSVOA_N

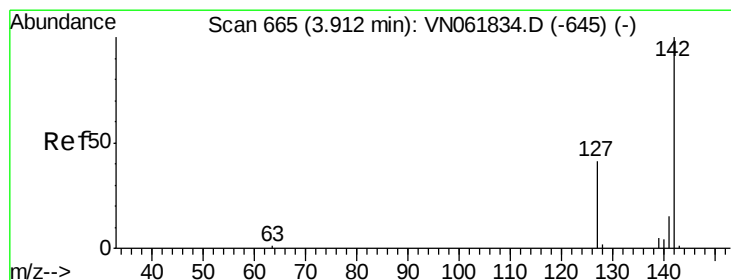
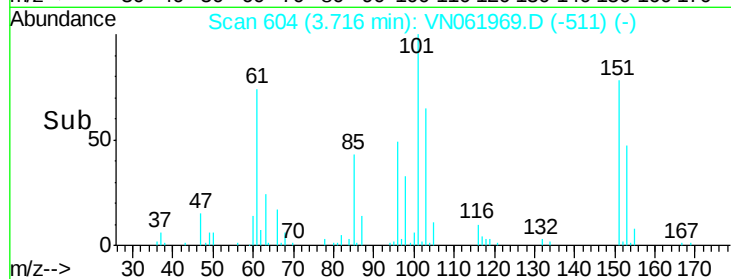
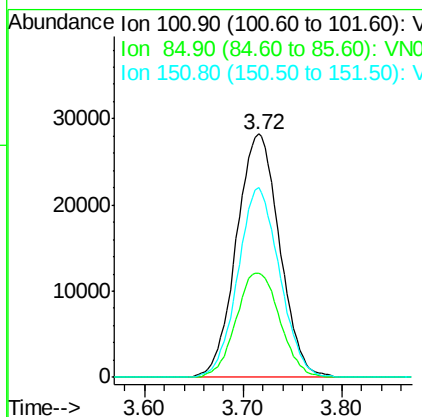
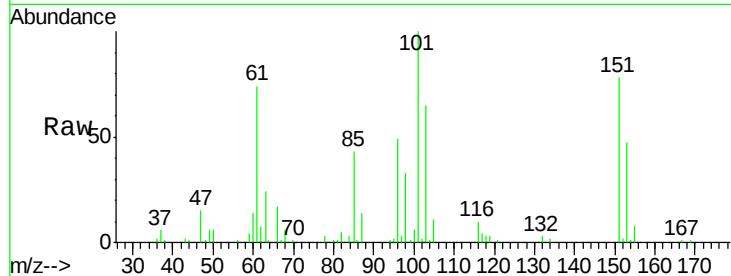
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	85580
Ion Ratio	Lower	Upper	
101	100		
85	43.4	35.0	52.6
151	75.4	59.2	88.8

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#10

Methyl Iodide

Concen: 51.506 ug/l

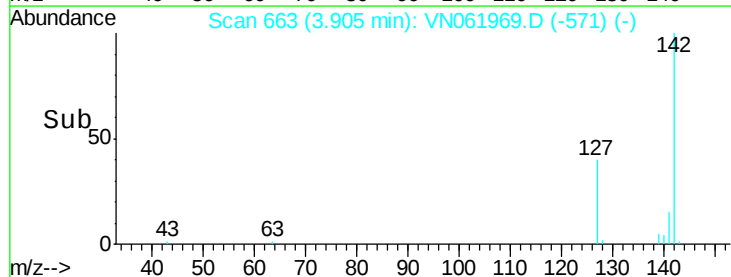
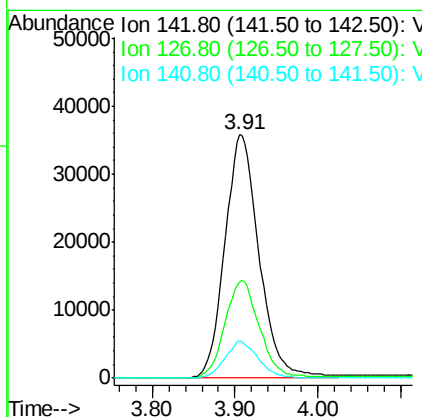
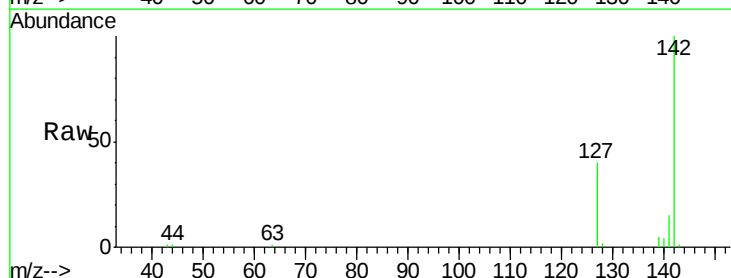
RT: 3.91 min Scan# 663

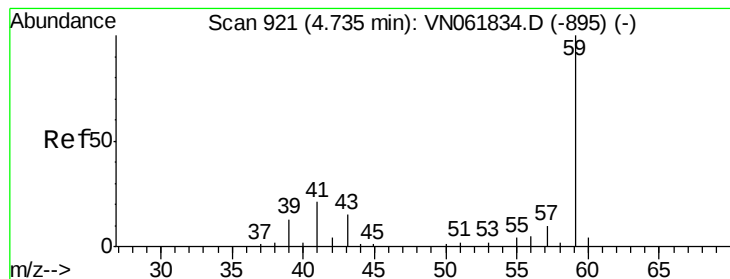
Delta R.T. -0.01 min

Lab File: VN061969.D

Acq: 19 Jun 2020 22:24

Tgt Ion:	142	Resp:	103031
Ion Ratio	Lower	Upper	
142	100		
127	40.5	33.4	50.0
141	14.6	11.3	16.9





#11

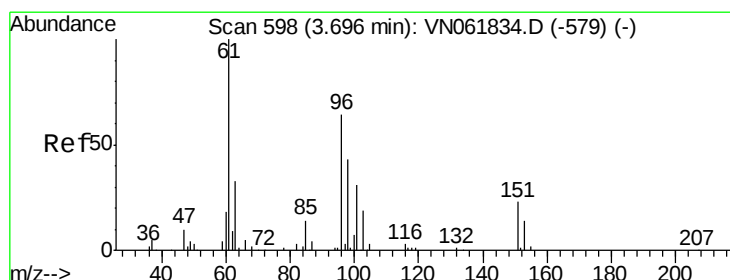
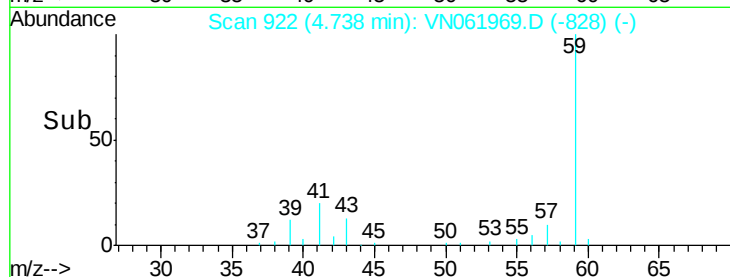
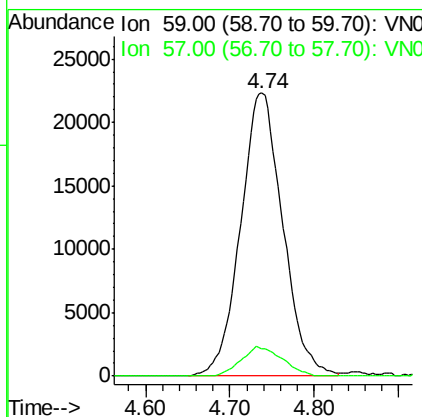
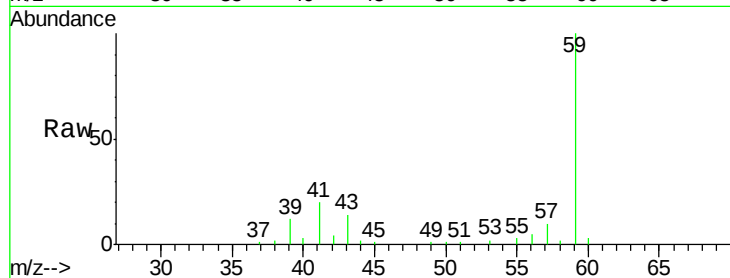
Tert butyl alcohol
Concen: 256.477 ug/l
RT: 4.74 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN061969.D
Acq: 19 Jun 2020 22:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 59 Resp: 77532
Ion Ratio Lower Upper
59 100
57 10.1 7.7 11.5

Manual Integrations
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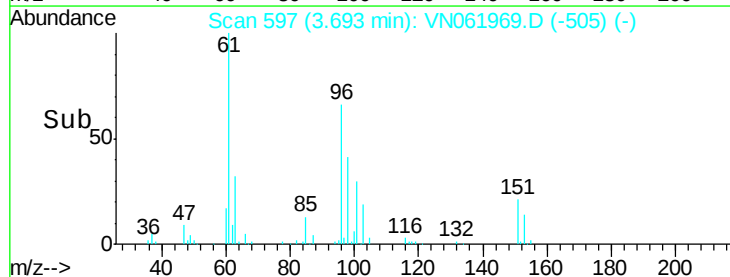
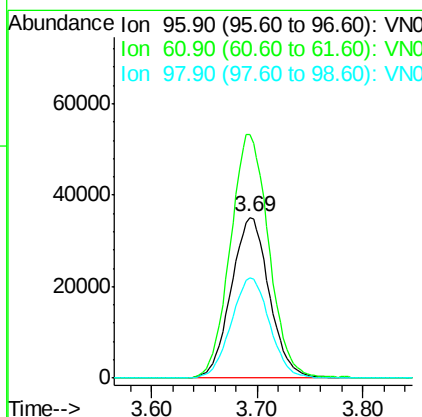
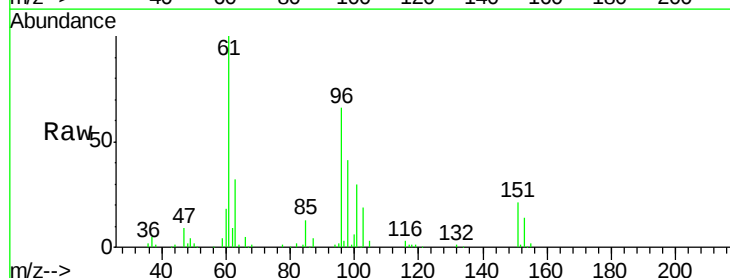
MMDadoda
6/22/2020 10:30:02 AM

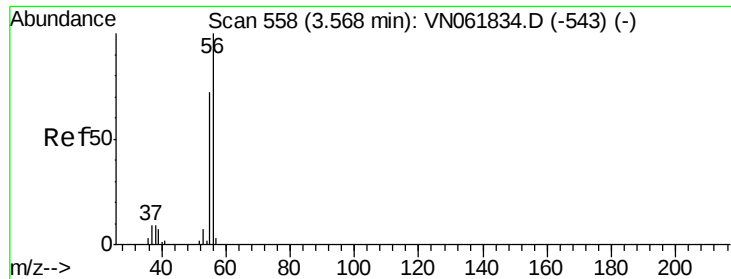


#12

1,1-Dichloroethene
Concen: 53.128 ug/l
RT: 3.69 min Scan# 597
Delta R.T. -0.00 min
Lab File: VN061969.D
Acq: 19 Jun 2020 22:24

Tgt Ion: 96 Resp: 87926
Ion Ratio Lower Upper
96 100
61 151.6 124.3 186.5
98 62.7 53.1 79.7





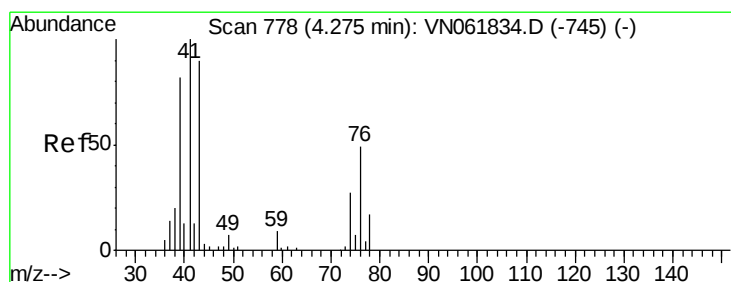
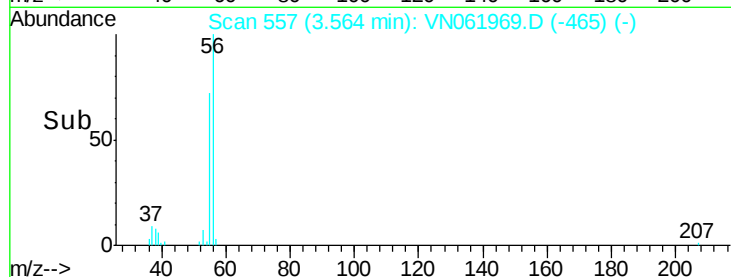
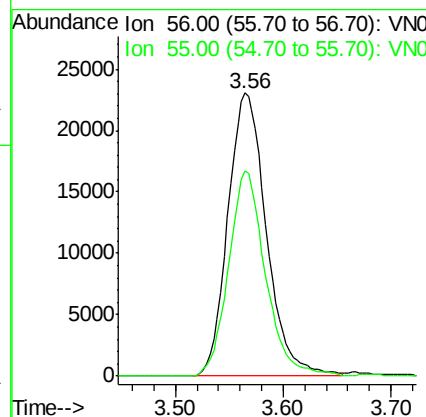
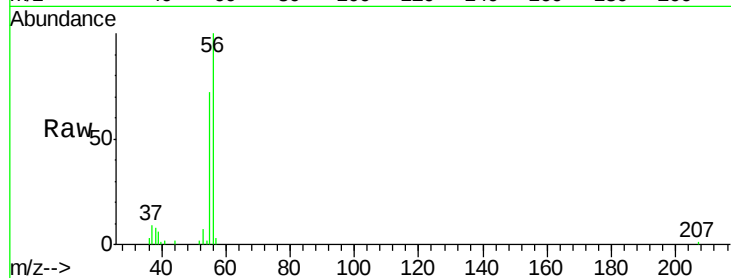
#13
Acrolein
Concen: 317.355 ug/l
RT: 3.56 min Scan# 557
Delta R.T. -0.00 min
Lab File: VN061969.D
Acq: 19 Jun 2020 22:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
55	69.4	56.2	84.4

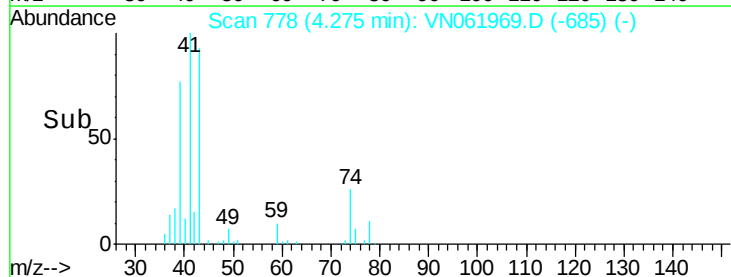
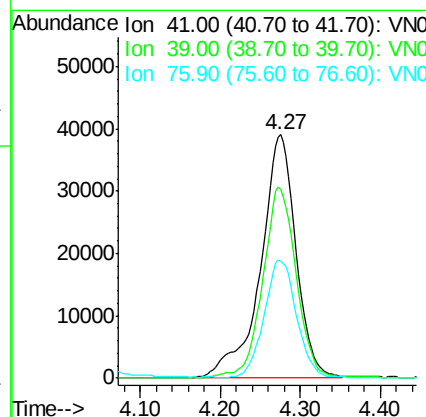
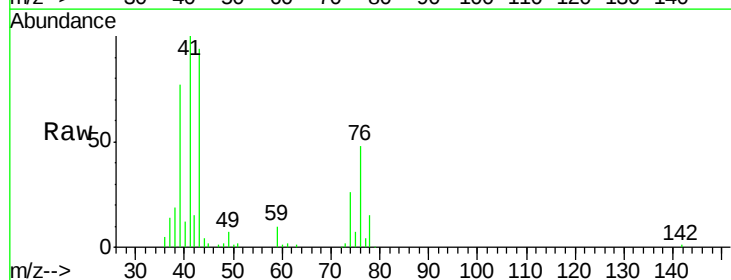
Manual Integrations
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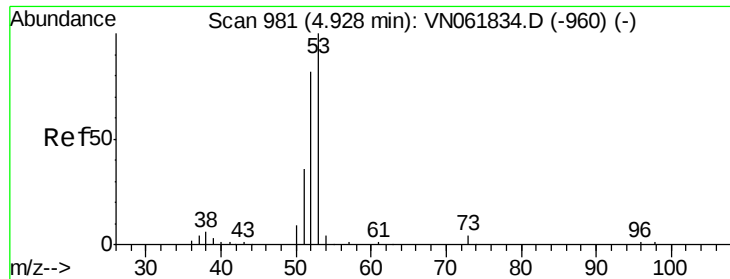
MMDadoda
6/22/2020 10:30:02 AM



#14
Allyl chloride
Concen: 54.329 ug/l
RT: 4.27 min Scan# 778
Delta R.T. 0.00 min
Lab File: VN061969.D
Acq: 19 Jun 2020 22:24

Tgt Ion	Ratio	Lower	Upper
41	100		
39	74.1	60.2	90.2
76	44.5	36.3	54.5





#15

Acrylonitrile

Concen: 297.031 ug/l

RT: 4.93 min Scan# 981

Delta R.T. 0.00 min

Lab File: VN061969.D

Acq: 19 Jun 2020 22:24

Instrument :

MSVOA_N

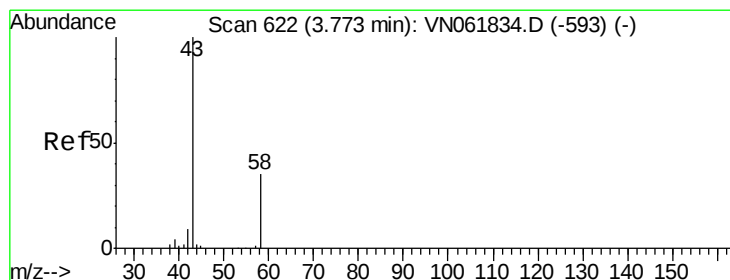
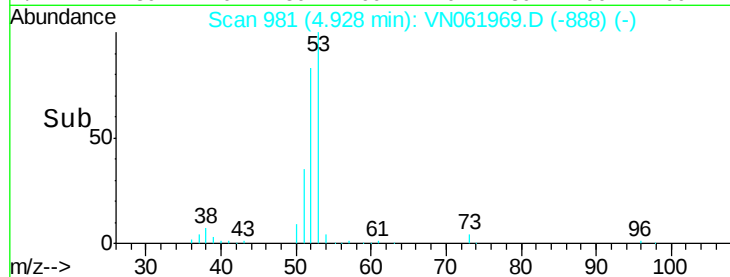
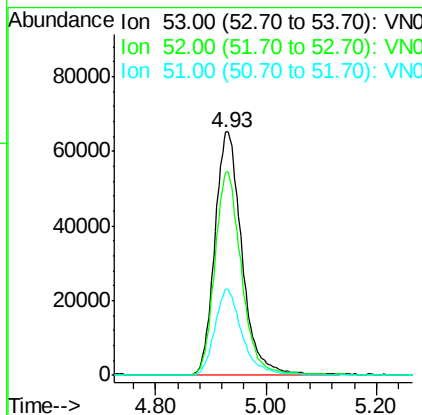
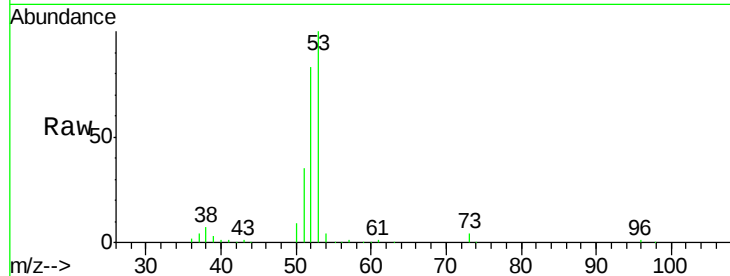
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	222488
Ion	Ratio	Lower	Upper
53	100		
52	81.7	65.2	97.8
51	35.6	29.3	43.9

Manual Integrations
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#16

Acetone

Concen: 266.447 ug/l

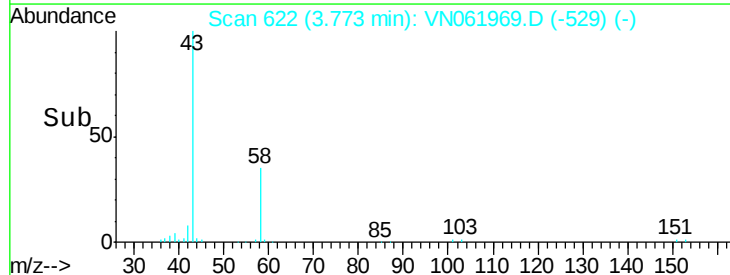
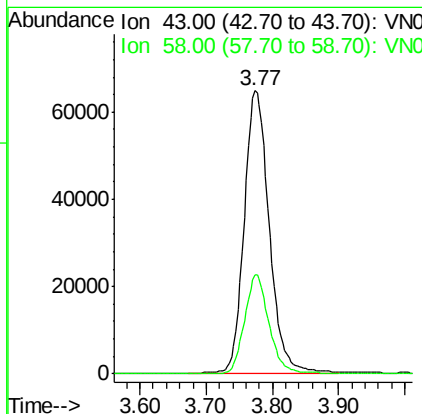
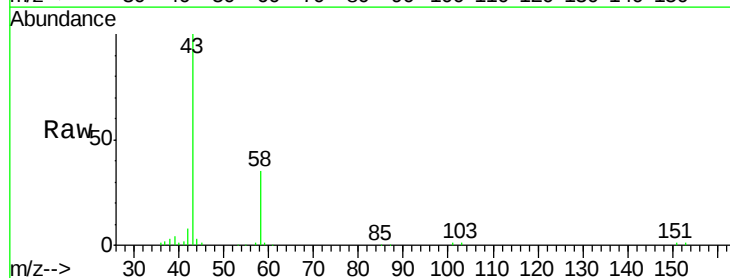
RT: 3.77 min Scan# 622

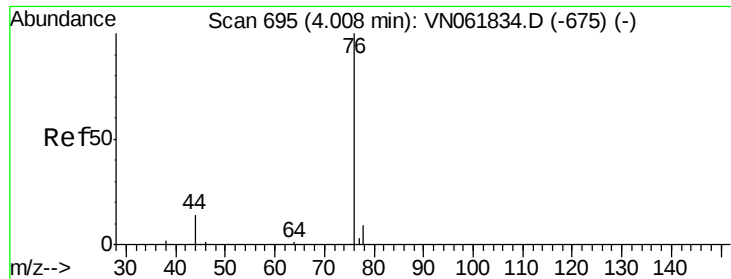
Delta R.T. 0.00 min

Lab File: VN061969.D

Acq: 19 Jun 2020 22:24

Tgt Ion:	43	Resp:	171931
Ion	Ratio	Lower	Upper
43	100		
58	35.0	27.8	41.8





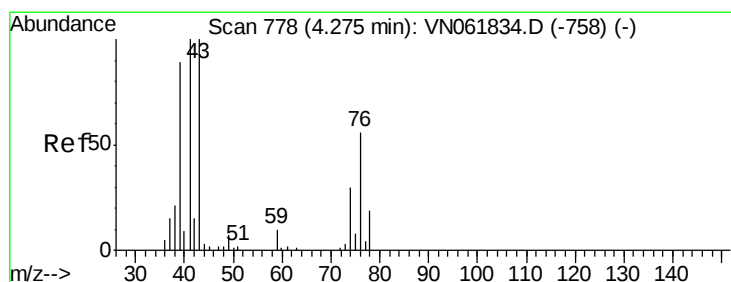
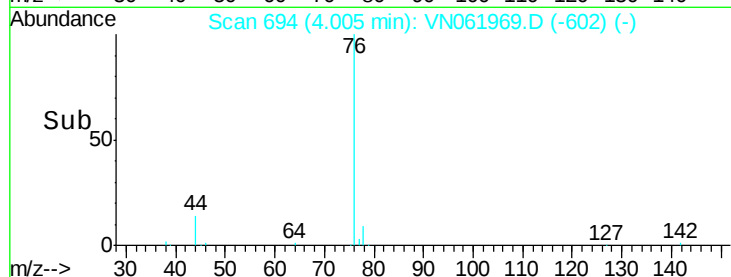
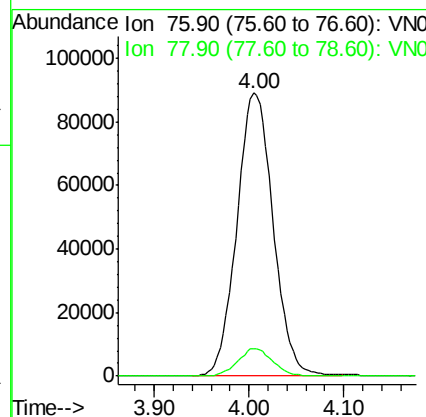
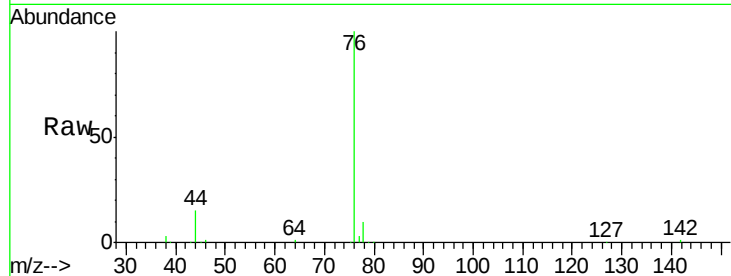
#17
Carbon Disulfide
Concen: 49.060 ug/l
RT: 4.00 min Scan# 694
Delta R.T. -0.00 min
Lab File: VN061969.D
Acq: 19 Jun 2020 22:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.7	7.3	10.9

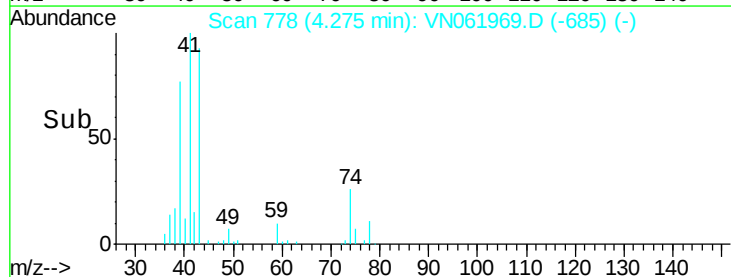
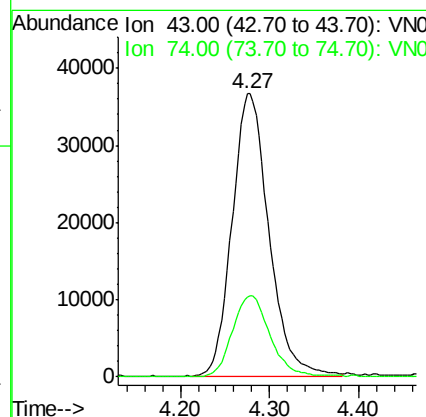
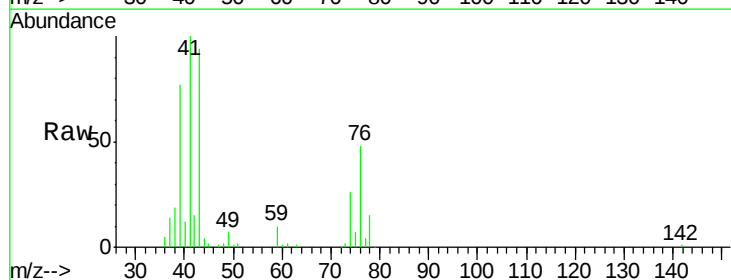
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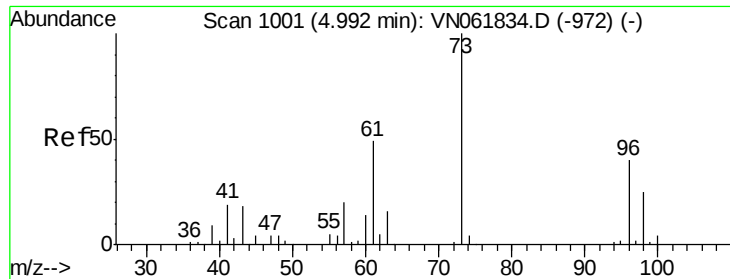
MMDadoda
6/22/2020 10:30:02 AM



#18
Methyl Acetate
Concen: 56.948 ug/l
RT: 4.27 min Scan# 778
Delta R.T. 0.00 min
Lab File: VN061969.D
Acq: 19 Jun 2020 22:24

Tgt Ion	Ratio	Lower	Upper
43	100		
74	29.1	23.0	34.4





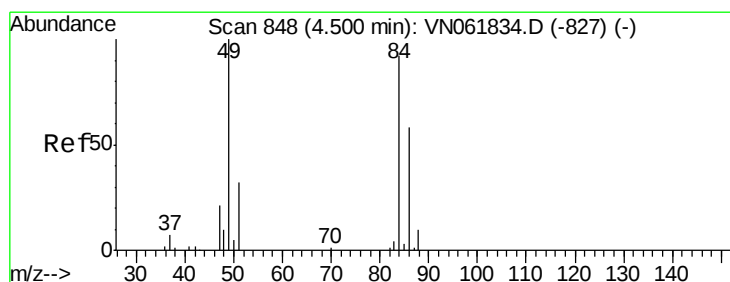
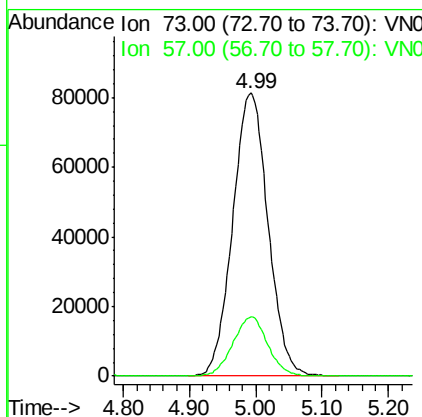
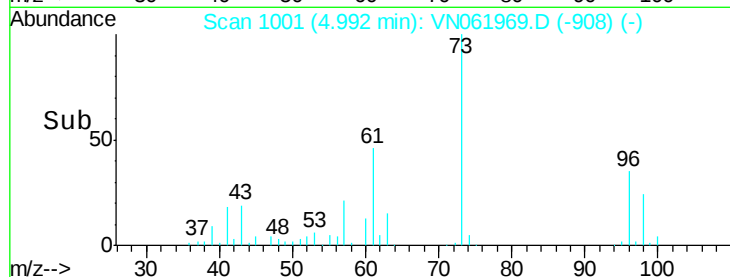
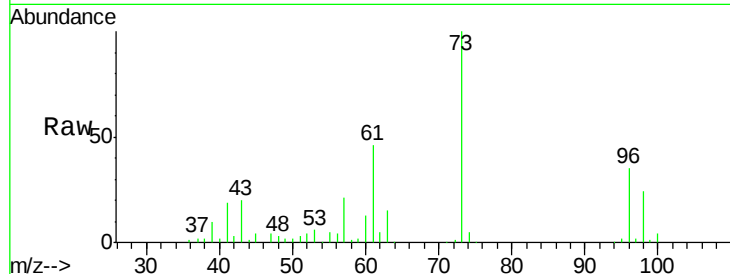
#19
Methvl tert-butvl Ether
Concen: 54.676 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. 0.00 min
Lab File: VN061969.D
Acq: 19 Jun 2020 22:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 301289
Ion Ratio Lower Upper
73 100
57 21.0 16.2 24.4

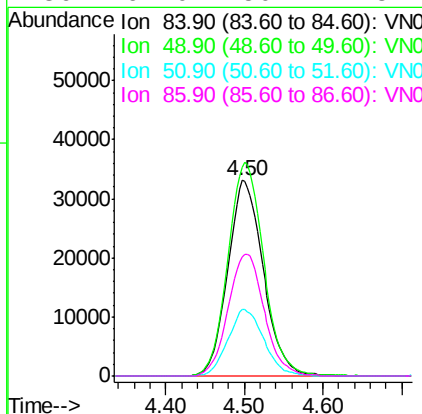
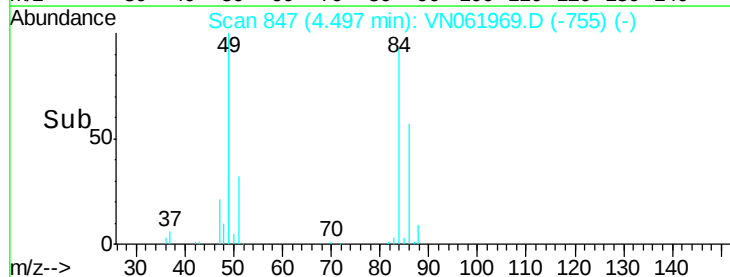
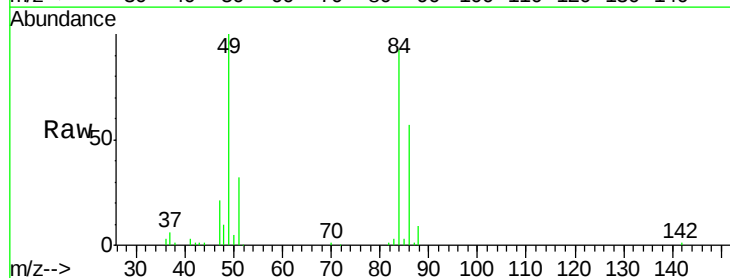
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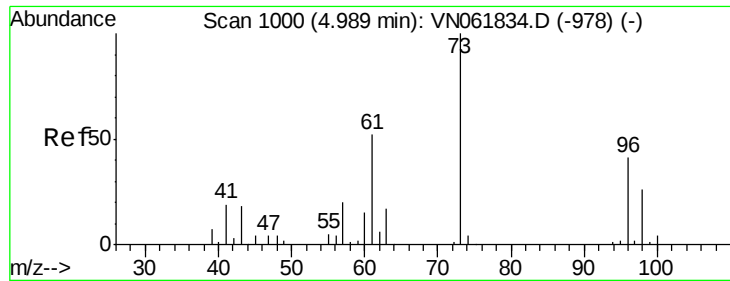
MMDadoda
6/22/2020 10:30:02 AM



#20
Methylene Chloride
Concen: 49.457 ug/l
RT: 4.50 min Scan# 847
Delta R.T. -0.00 min
Lab File: VN061969.D
Acq: 19 Jun 2020 22:24

Tgt Ion: 84 Resp: 103974
Ion Ratio Lower Upper
84 100
49 107.1 87.0 130.4
51 34.0 27.8 41.6
86 61.0 50.2 75.2





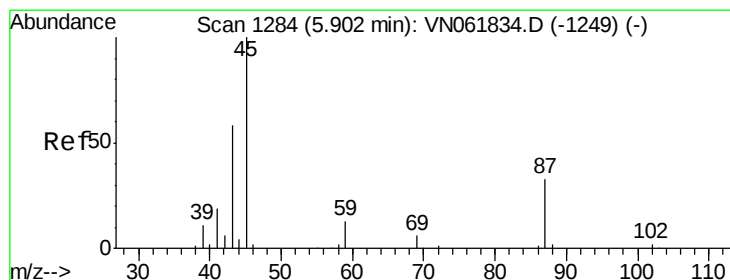
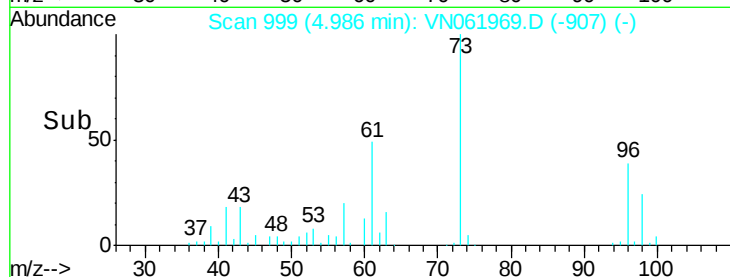
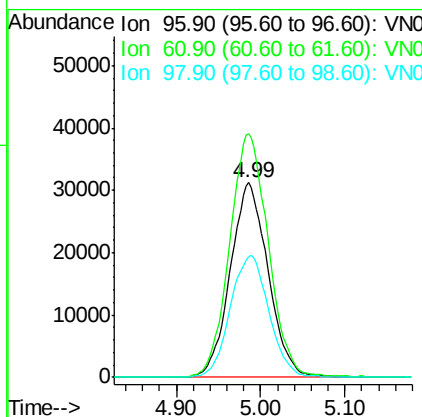
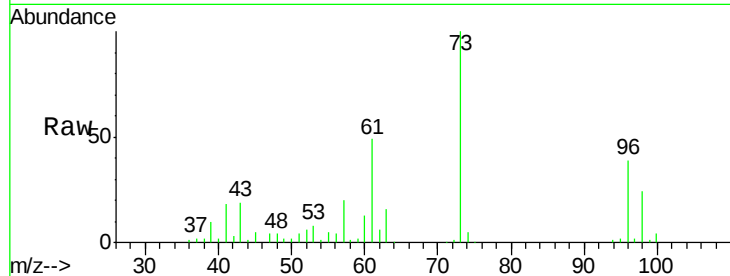
#21
trans-1,2-Dichloroethene
Concen: 51.241 ug/l
RT: 4.99 min Scan# 999
Delta R.T. -0.00 min
Lab File: VN061969.D
Acq: 19 Jun 2020 22:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	125.1	102.2	153.4
98	62.0	51.2	76.8

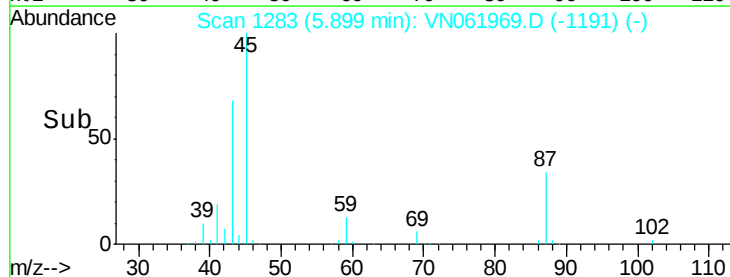
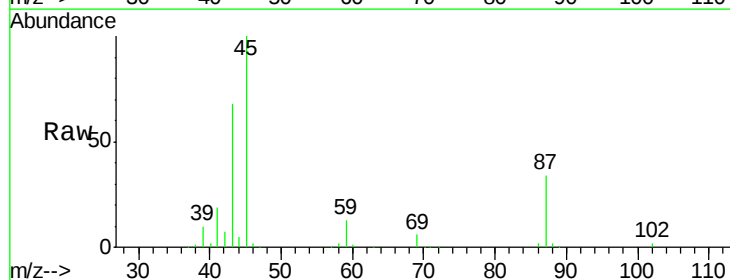
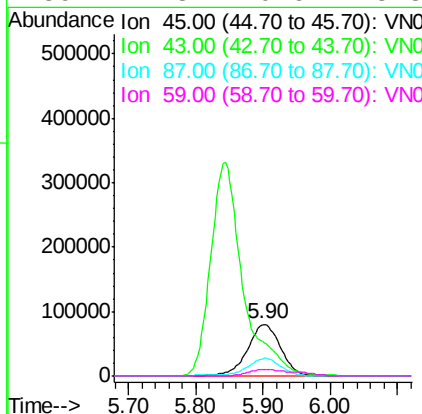
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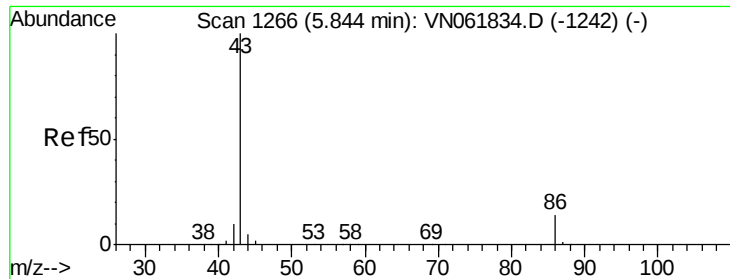
MMDadoda
6/22/2020 10:30:02 AM



#22
Diisopropyl ether
Concen: 54.603 ug/l
RT: 5.90 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VN061969.D
Acq: 19 Jun 2020 22:24

Tgt Ion	Ratio	Lower	Upper
45	100		
43	66.3	49.4	74.2
87	33.5	27.4	41.0
59	12.8	10.6	15.8





#23

Vinyl Acetate

Concen: 281.971 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. 0.00 min

Lab File: VN061969.D

Acq: 19 Jun 2020 22:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1114093

Ion Ratio Lower Upper

43 100

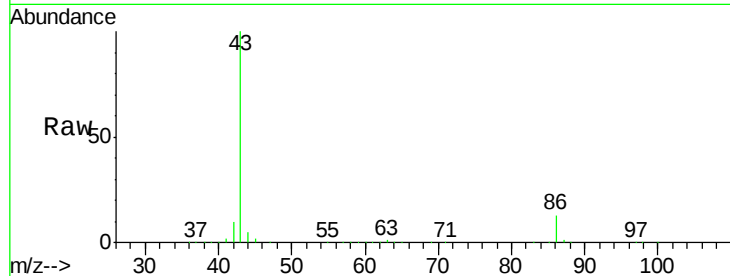
86 12.7 10.9 16.3

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Abundance Ion 43.00 (42.70 to 43.70): VN061834.D (-1242) (-)

Ion 86.00 (85.70 to 86.70): VN061834.D (-1242) (-)

5.84

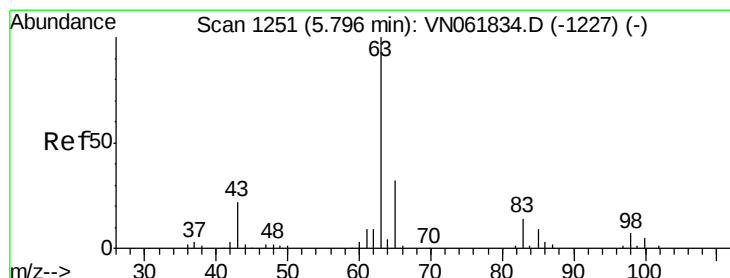
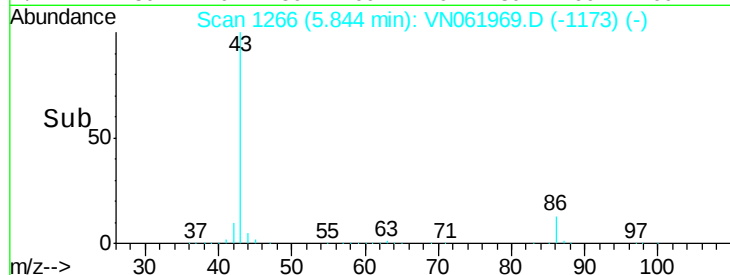
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 52.721 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VN061969.D

Acq: 19 Jun 2020 22:24

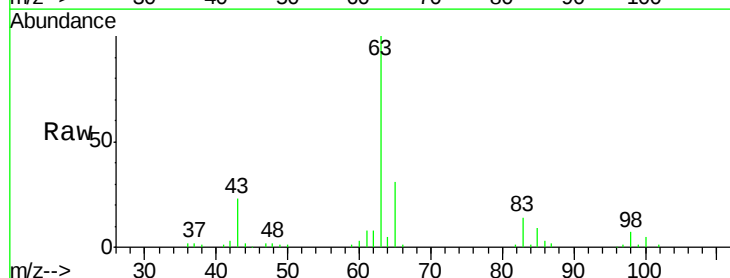
Tgt Ion: 63 Resp: 173375

Ion Ratio Lower Upper

63 100

98 7.2 3.5 10.4

100 4.5 2.5 7.4



Abundance Ion 62.90 (62.60 to 63.60): VN061969.D (-1158) (-)

Ion 97.90 (97.60 to 98.60): VN061969.D (-1158) (-)

Ion 99.90 (99.60 to 100.60): VN061969.D (-1158) (-)

5.80

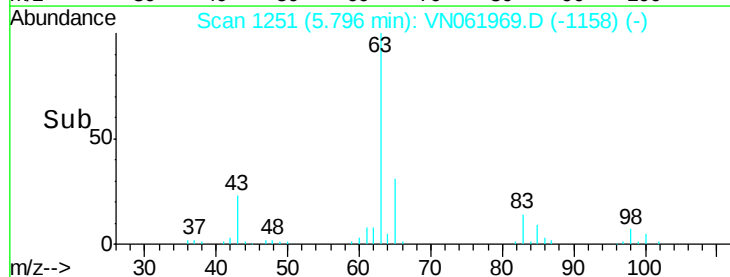
60000

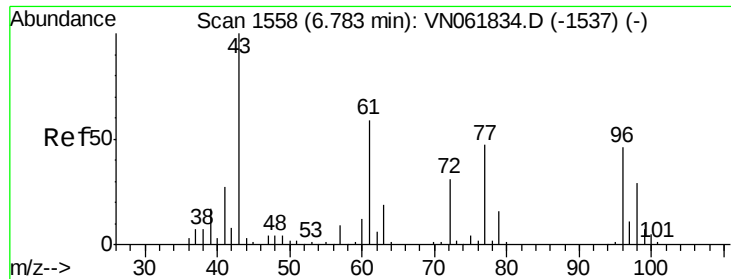
40000

20000

0

Time-->





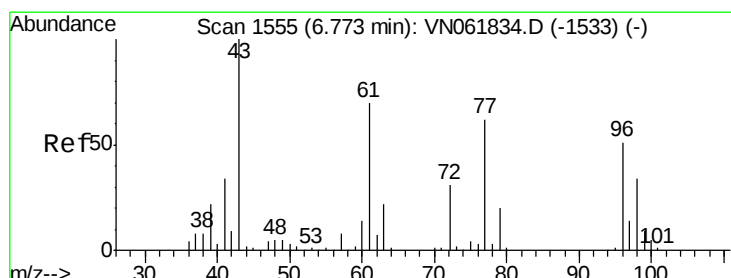
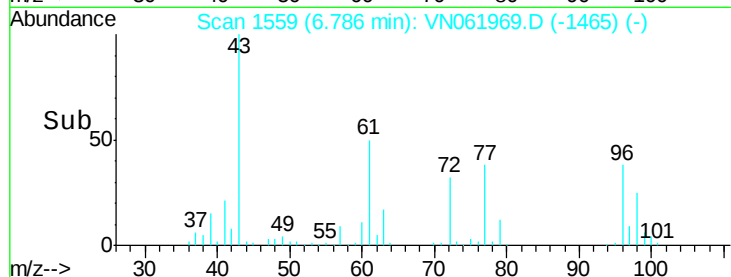
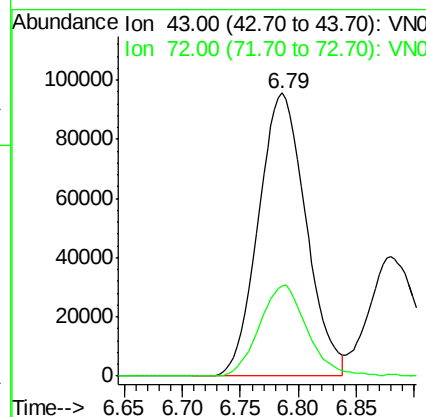
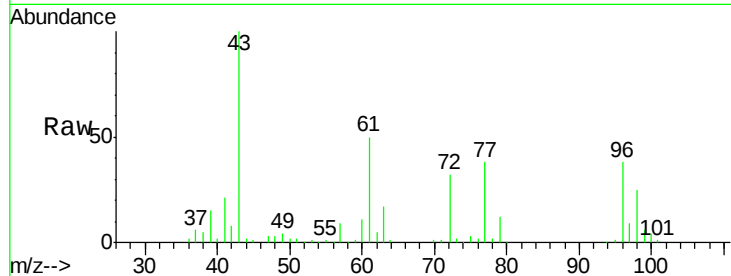
#25
2-Butanone
Concen: 289.454 ug/l
RT: 6.79 min Scan# 1559
Delta R.T. 0.00 min
Lab File: VN061969.D
Acq: 19 Jun 2020 22:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 272508
Ion Ratio Lower Upper
43 100
72 31.9 24.6 37.0

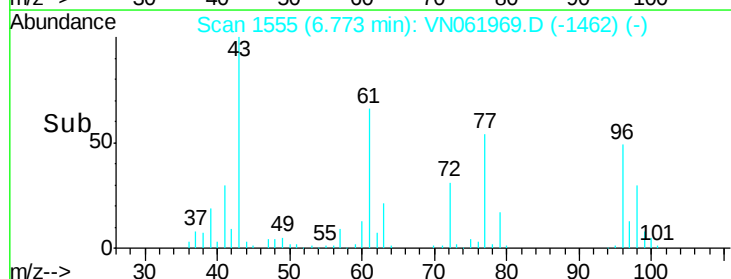
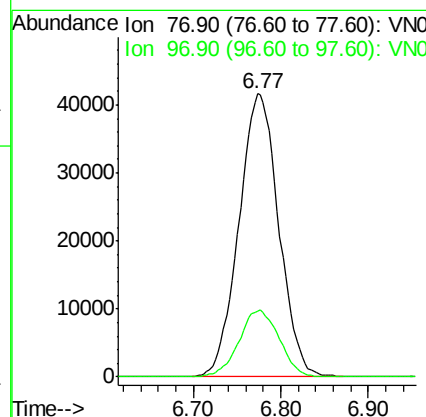
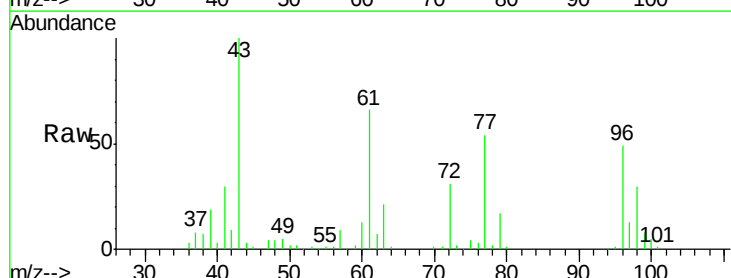
Manual Integrations
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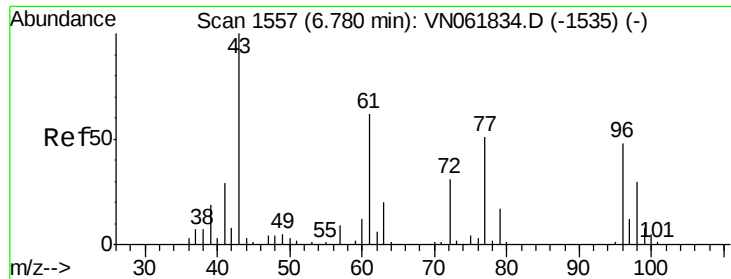
MMDadoda
6/22/2020 10:30:02 AM



#26
2,2-Dichloropropane
Concen: 47.492 ug/l
RT: 6.77 min Scan# 1555
Delta R.T. 0.00 min
Lab File: VN061969.D
Acq: 19 Jun 2020 22:24

Tgt Ion: 77 Resp: 131397
Ion Ratio Lower Upper
77 100
97 23.7 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 52.244 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. 0.00 min

Lab File: VN061969.D

Acq: 19 Jun 2020 22:24

Instrument :

MSVOA_N

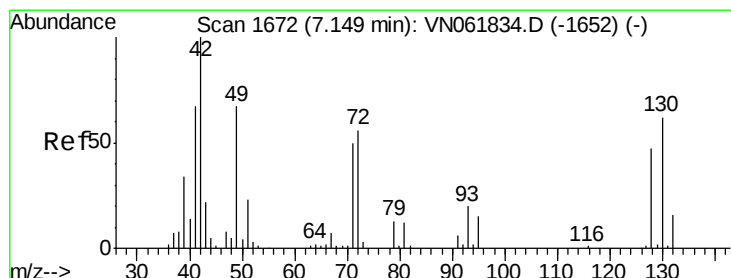
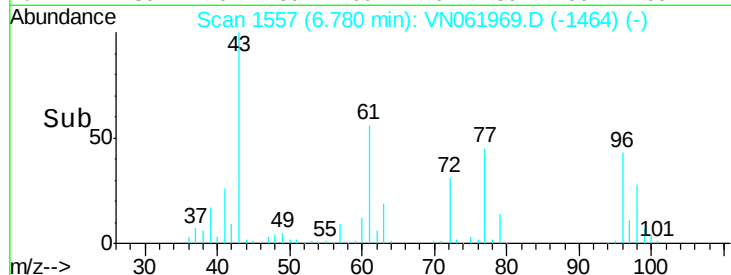
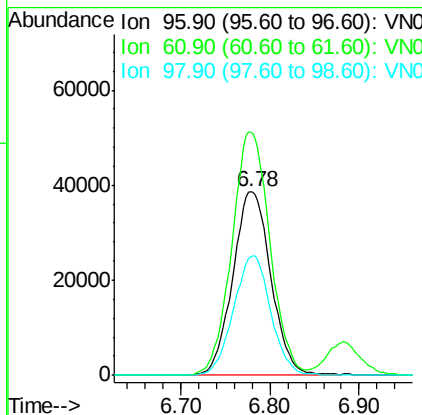
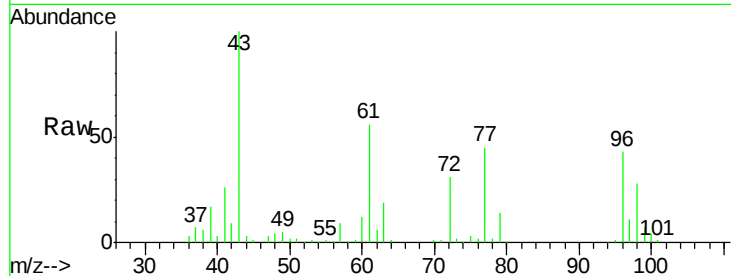
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	114592
Ion	Ratio	Lower	Upper
96	100		
61	132.4	0.0	265.6
98	63.7	0.0	128.2

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#28

Bromochloromethane

Concen: 54.424 ug/l

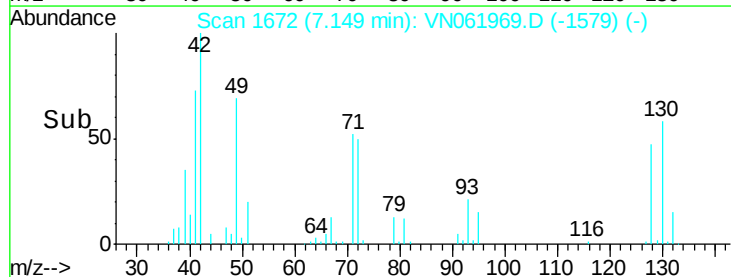
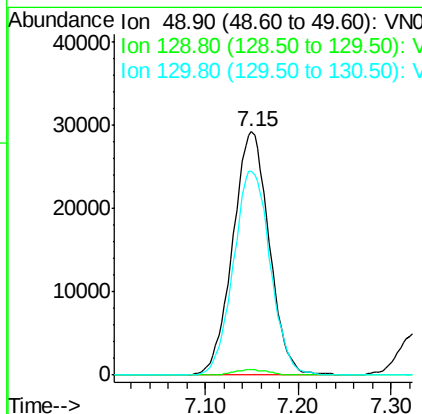
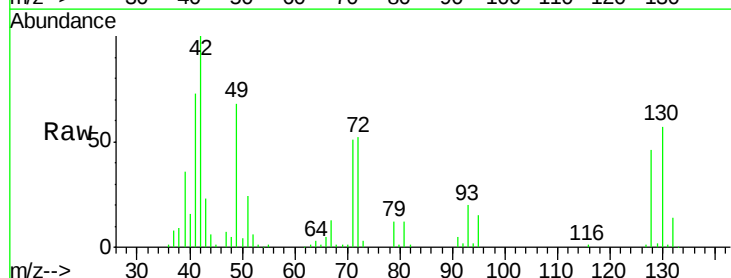
RT: 7.15 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VN061969.D

Acq: 19 Jun 2020 22:24

Tgt Ion:	49	Resp:	79689
Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.0
130	84.8	72.2	108.2





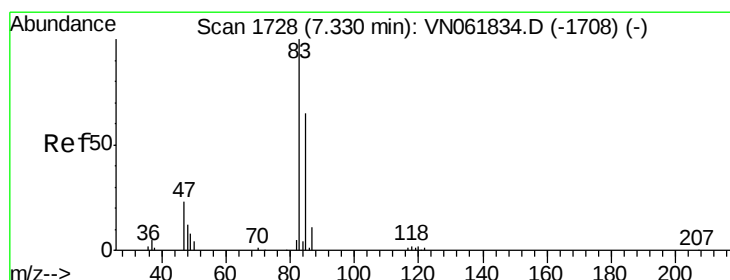
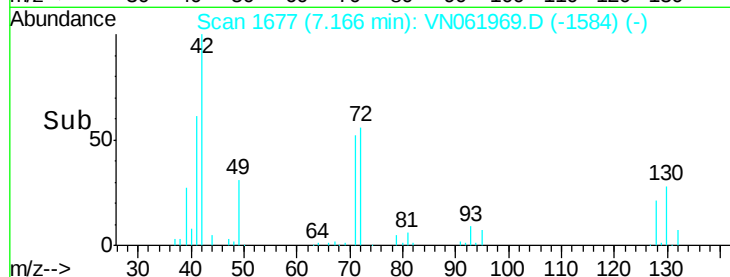
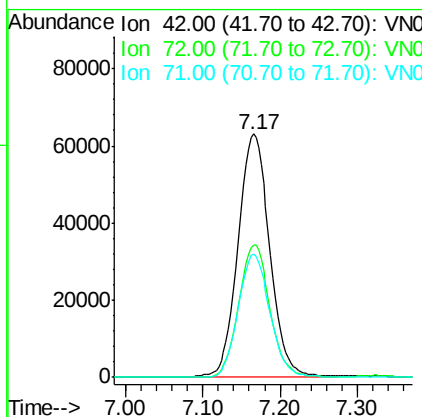
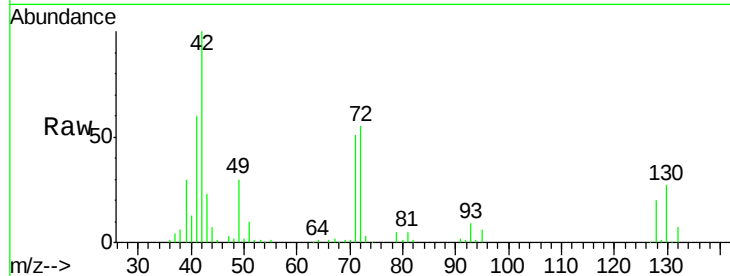
#29
Tetrahydrofuran
Concen: 290.889 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. 0.00 min
Lab File: VN061969.D
Acq: 19 Jun 2020 22:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	53.5	44.0	66.0
71	50.4	40.0	60.0

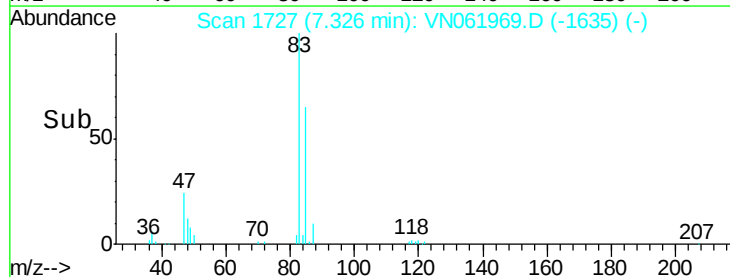
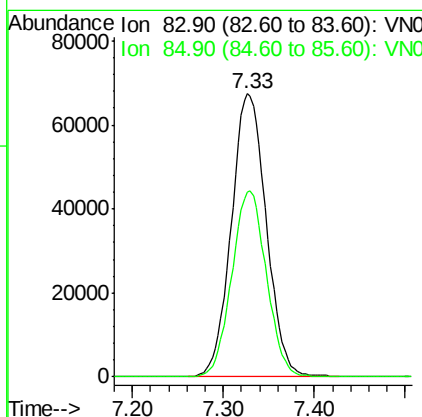
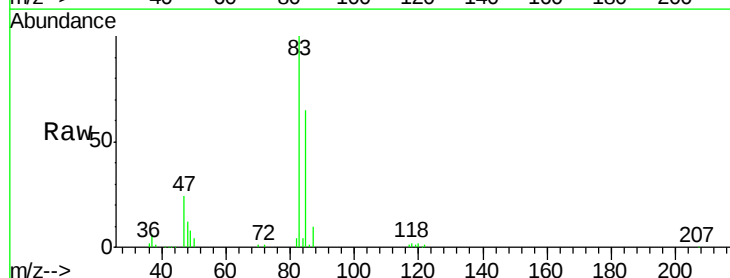
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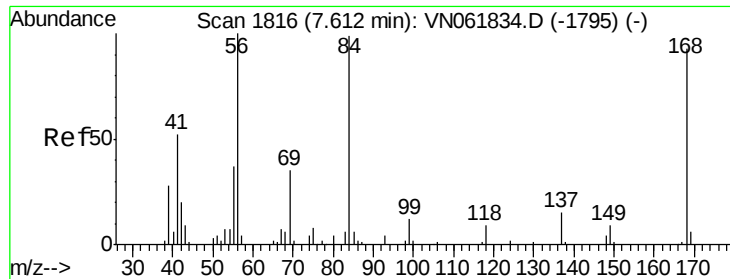
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#30
Chloroform
Concen: 51.198 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN061969.D
Acq: 19 Jun 2020 22:24

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.2	52.0	78.0





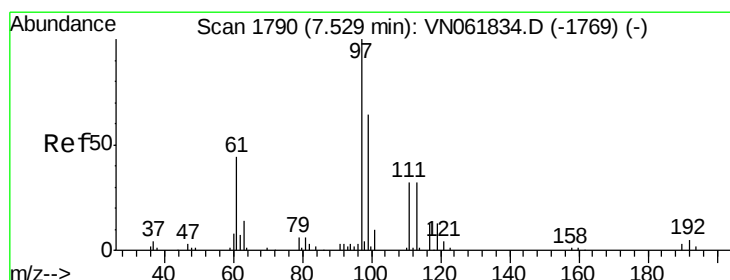
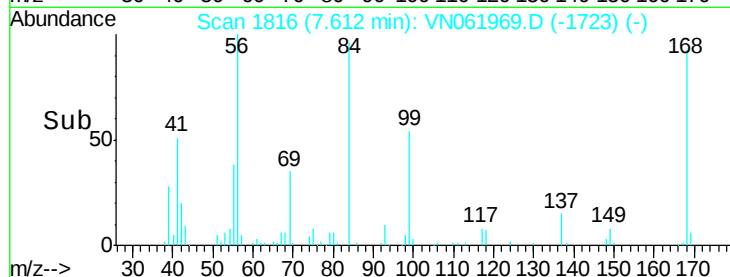
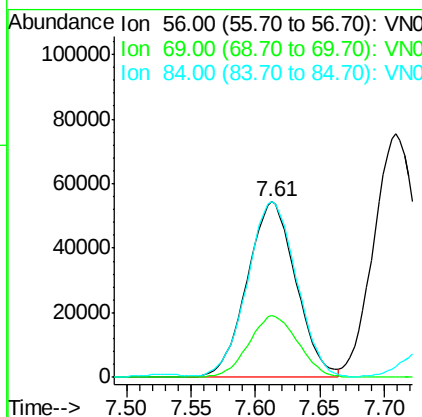
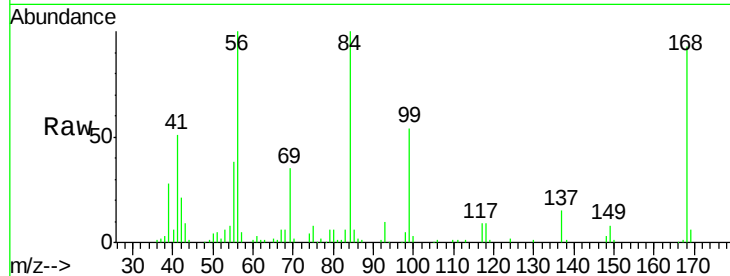
#31
Cyclohexane
Concen: 49.862 ug/l
RT: 7.61 min Scan# 1816
Delta R.T. 0.00 min
Lab File: VN061969.D
Acq: 19 Jun 2020 22:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	35.2	27.7	41.5
84	99.0	79.1	118.7

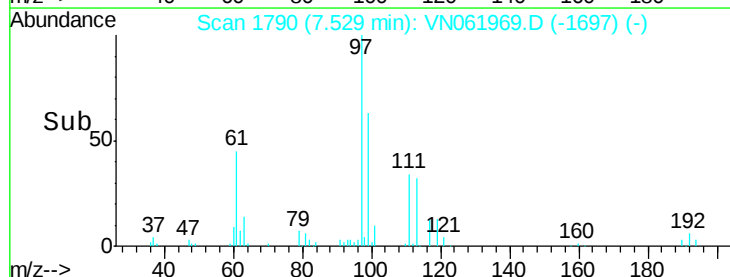
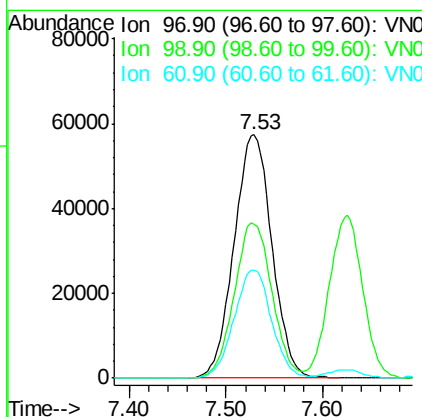
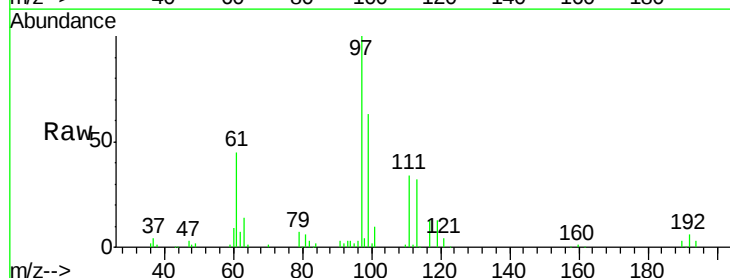
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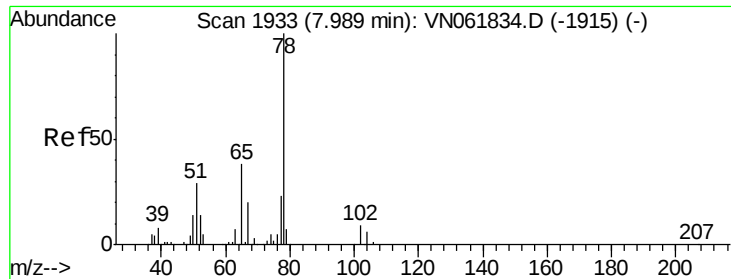
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#32
1,1,1-Trichloroethane
Concen: 52.173 ug/l
RT: 7.53 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VN061969.D
Acq: 19 Jun 2020 22:24

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.3	51.5	77.3
61	44.0	35.1	52.7





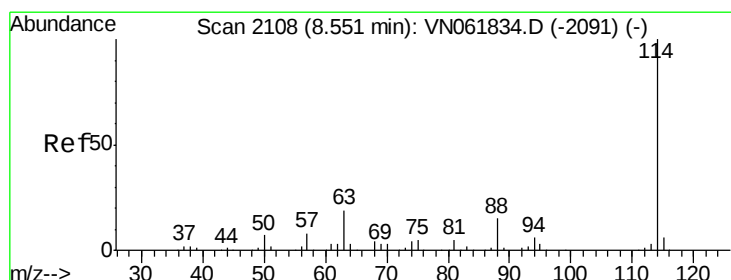
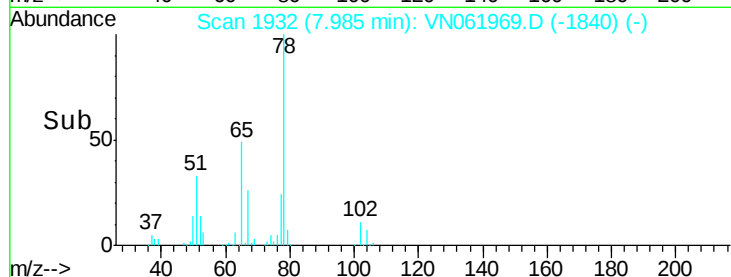
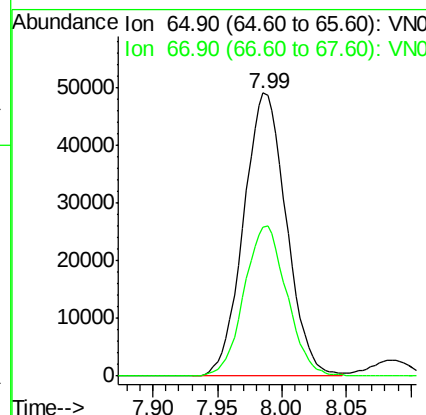
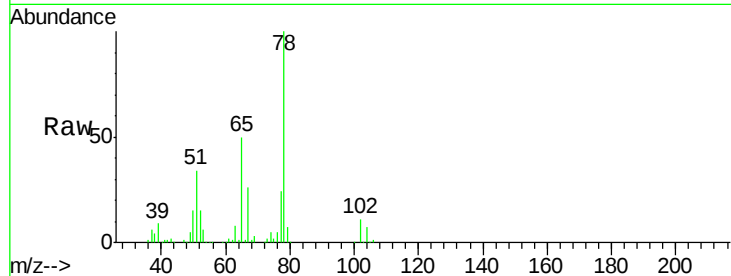
#33
 1,2-Dichloroethane-d4
 Concen: 52.048 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN061969.D
 Acq: 19 Jun 2020 22:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	113701		
67	52.9	0.0	106.2	

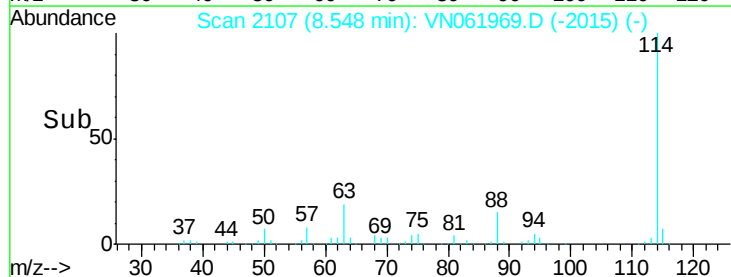
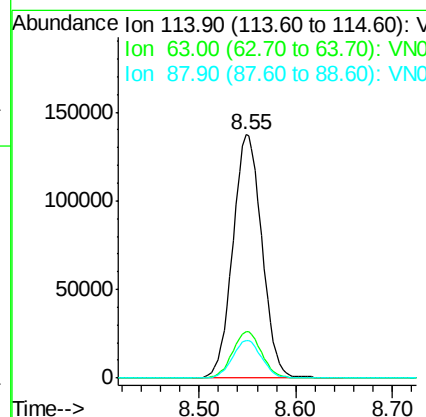
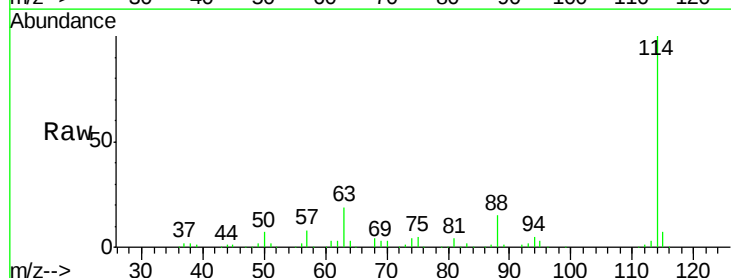
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN061969.D
 Acq: 19 Jun 2020 22:24

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	286633		
63	19.1	0.0	37.6	
88	15.2	0.0	31.0	





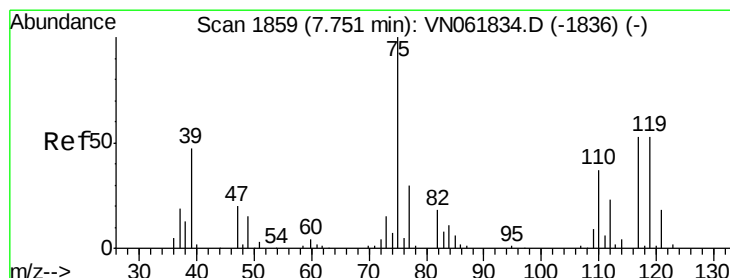
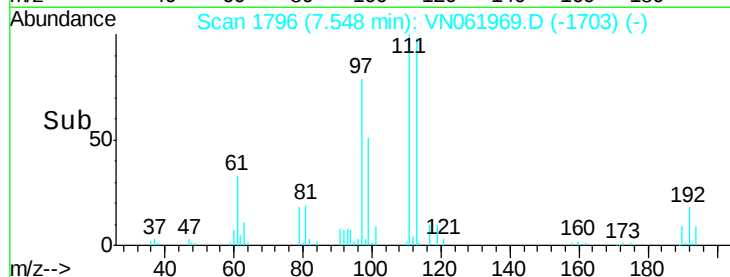
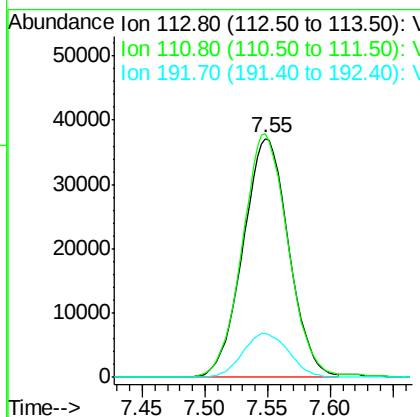
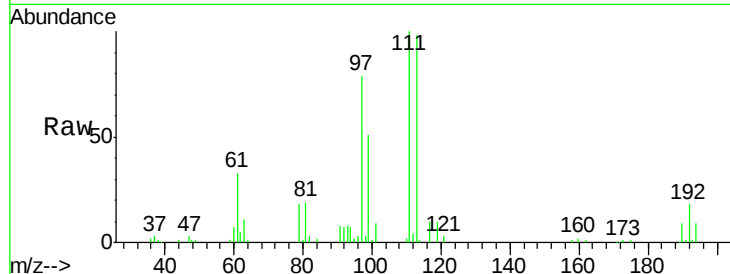
#35
 Dibromofluoromethane
 Concen: 51.439 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN061969.D
 Acq: 19 Jun 2020 22:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	94325		
111	102.6	83.7	125.5	
192	18.5	13.9	20.9	

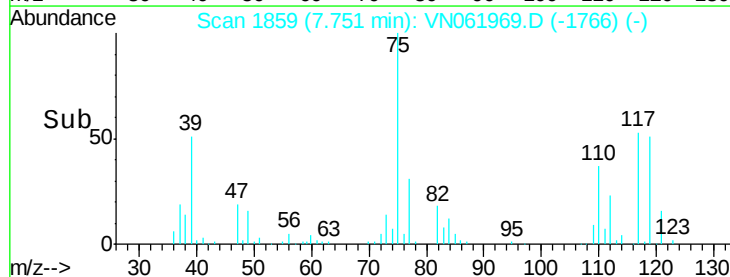
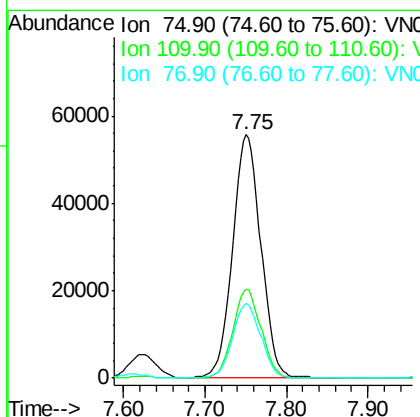
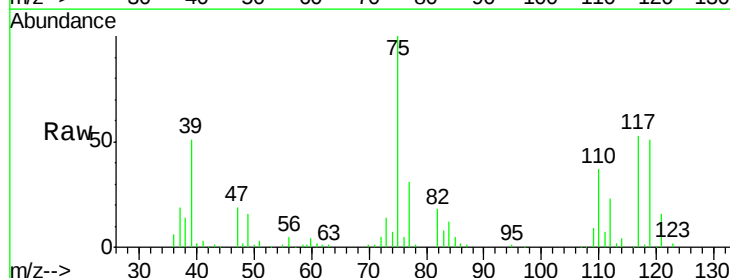
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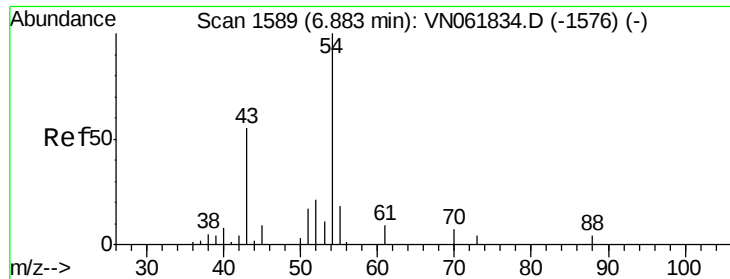
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#36
 1,1-Dichloropropene
 Concen: 51.485 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: VN061969.D
 Acq: 19 Jun 2020 22:24

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	134604		
110	36.3	18.2	54.6	
77	30.7	24.2	36.4	





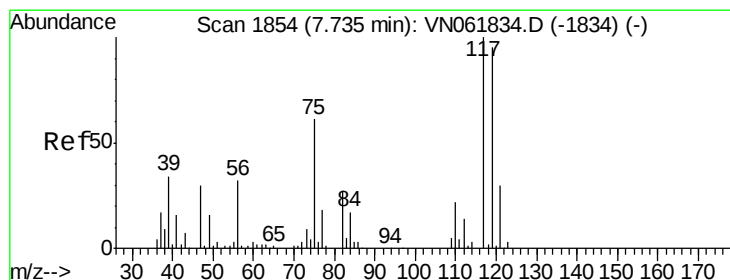
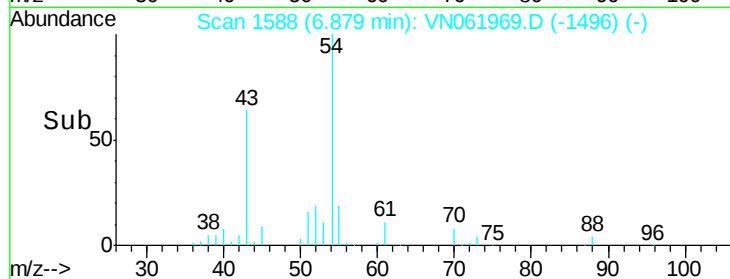
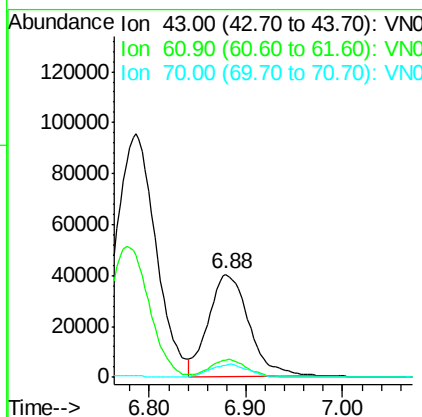
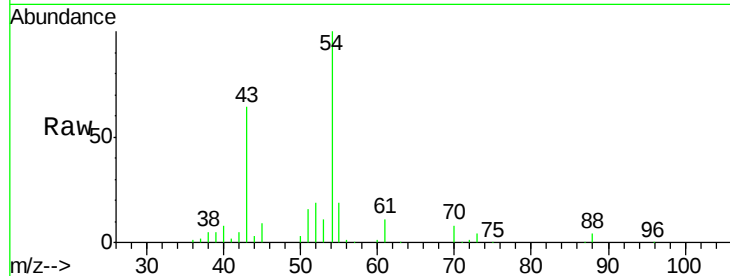
#37
Ethyl Acetate
Concen: 57.652 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.00 min
Lab File: VN061969.D
Acq: 19 Jun 2020 22:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	43	61	70
Resp	117702		
Ratio	100	16.0	11.8
Lower		13.0	9.4
Upper		19.4	14.2

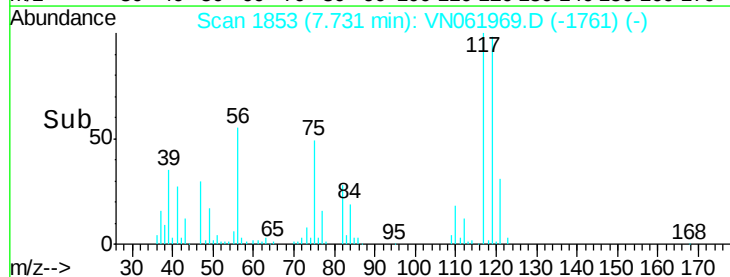
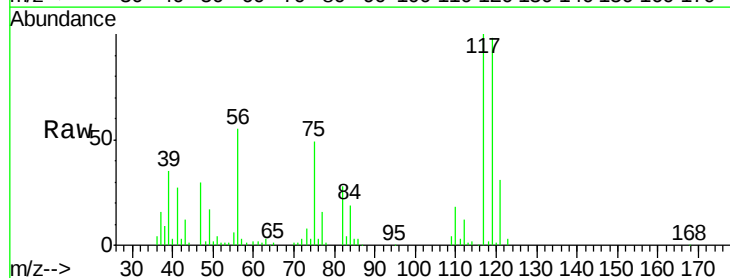
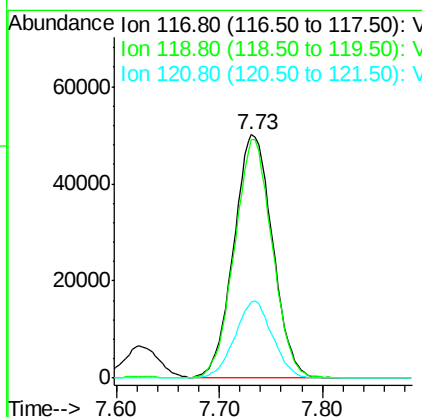
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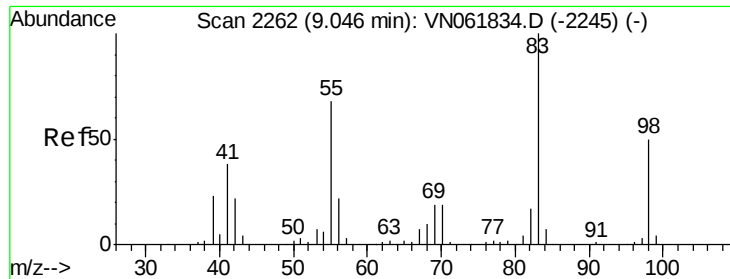
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#38
Carbon Tetrachloride
Concen: 50.313 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN061969.D
Acq: 19 Jun 2020 22:24

Tgt Ion	117	119	121
Resp	130260		
Ratio	100	98.4	31.2
Lower		75.8	23.8
Upper		113.6	35.6





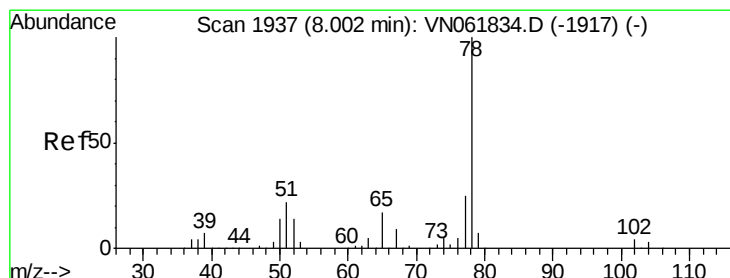
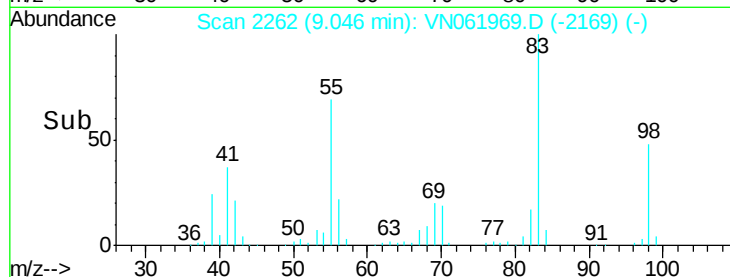
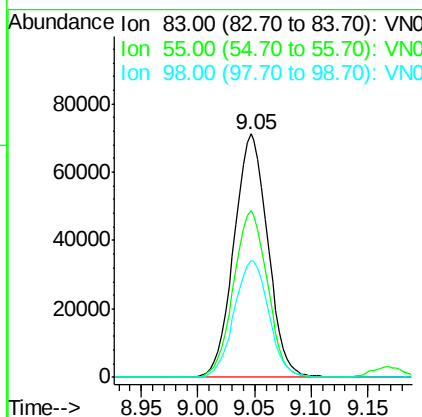
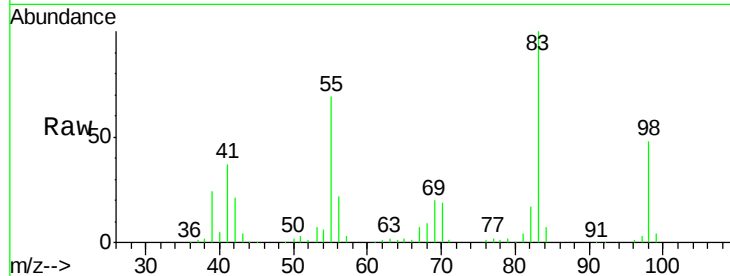
#39
Methvlcvclohexane
Concen: 52.605 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VN061969.D
Acq: 19 Jun 2020 22:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	68.5	54.2	81.4
98	48.0	39.8	59.6

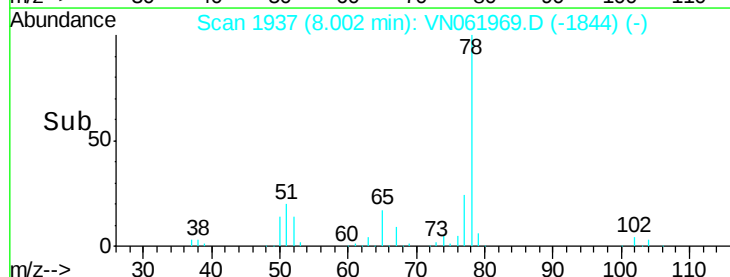
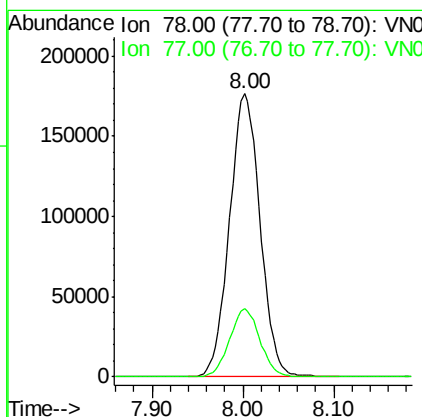
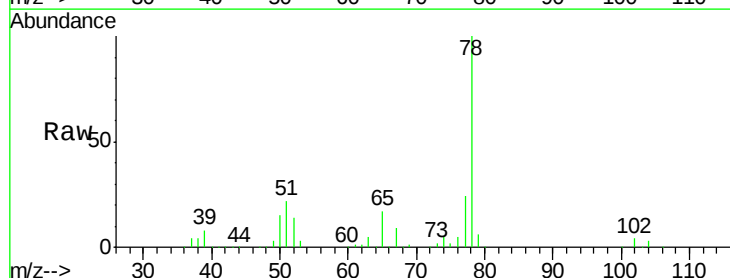
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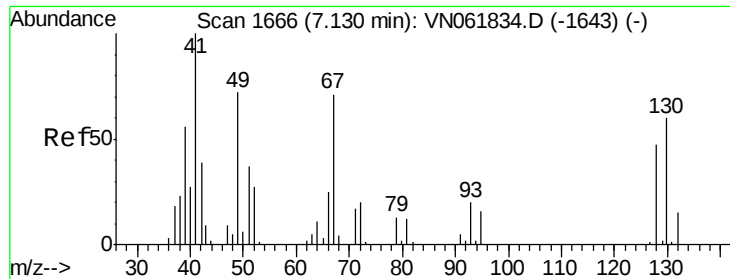
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#40
Benzene
Concen: 52.085 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VN061969.D
Acq: 19 Jun 2020 22:24

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.7	29.5





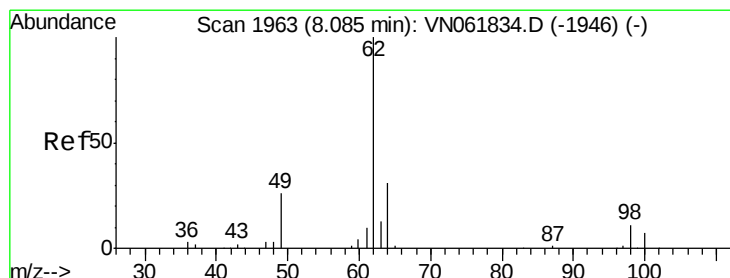
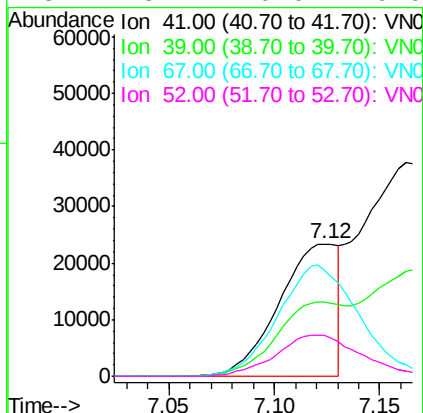
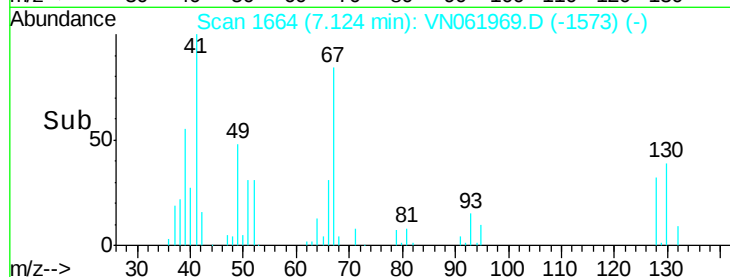
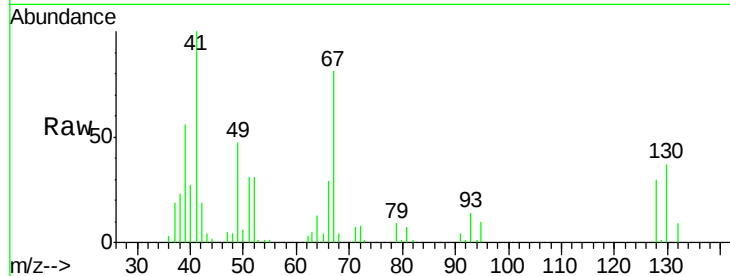
#41
Methacrylonitrile
Concen: 52.051 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. -0.01 min
Lab File: VN061969.D
Acq: 19 Jun 2020 22:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	63.2	0.0	0.0		
67	116.6	0.0	0.0		
52	45.4	0.0	0.0		

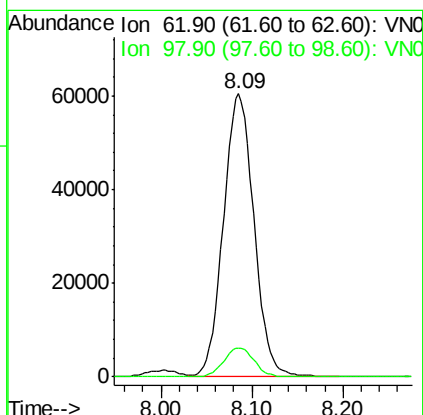
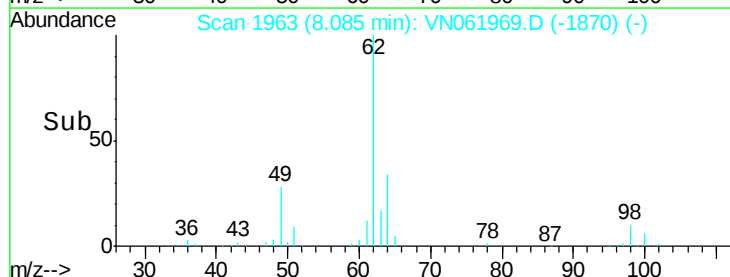
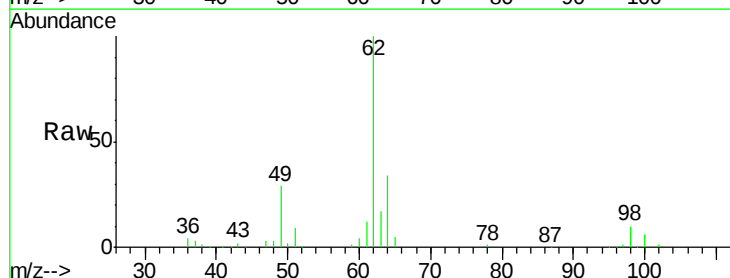
Manual Integrations
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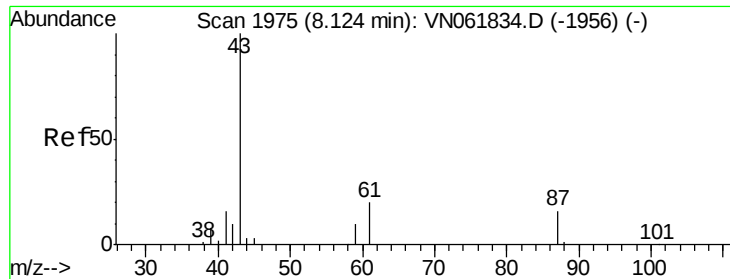
MMDadoda
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#42
1,2-Dichloroethane
Concen: 52.274 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VN061969.D
Acq: 19 Jun 2020 22:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	10.2	0.0	20.4		





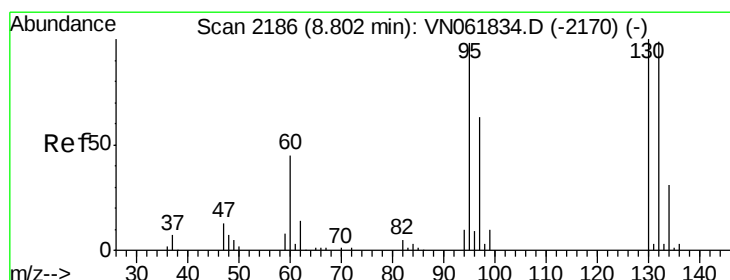
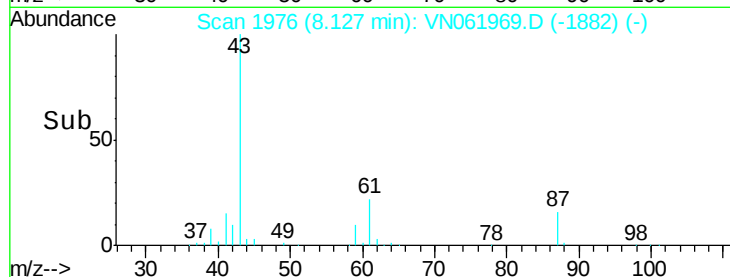
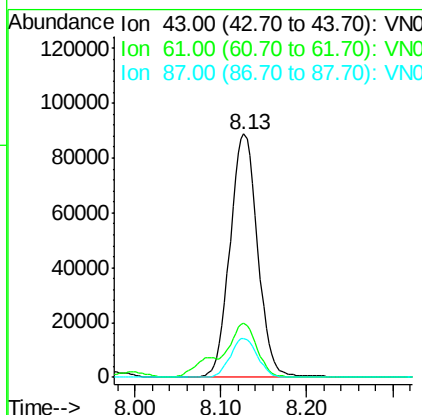
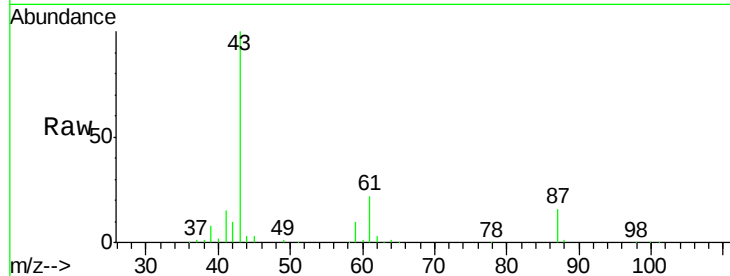
#43
Isopropyl Acetate
Concen: 57.707 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN061969.D
Acq: 19 Jun 2020 22:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.9	24.0	36.0#
87	15.6	12.5	18.7

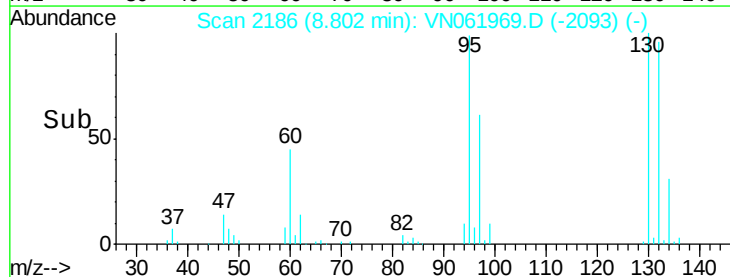
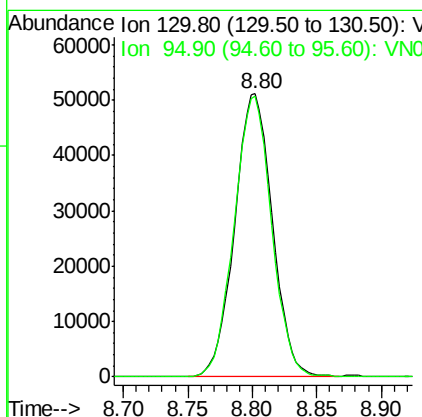
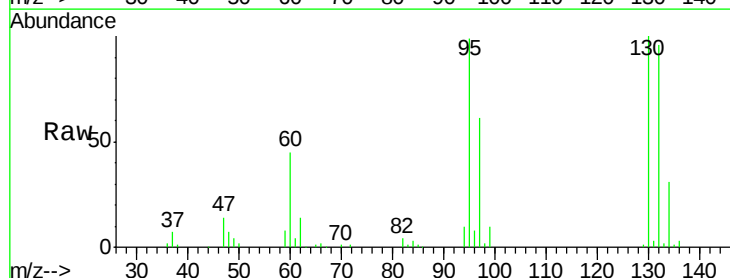
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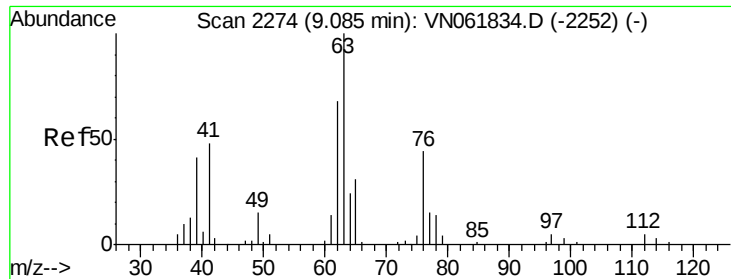
MMDadoda
6/22/2020 10:30:02 AM



#44
Trichloroethene
Concen: 50.011 ug/l
RT: 8.80 min Scan# 2186
Delta R.T. 0.00 min
Lab File: VN061969.D
Acq: 19 Jun 2020 22:24

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.0	0.0	195.6





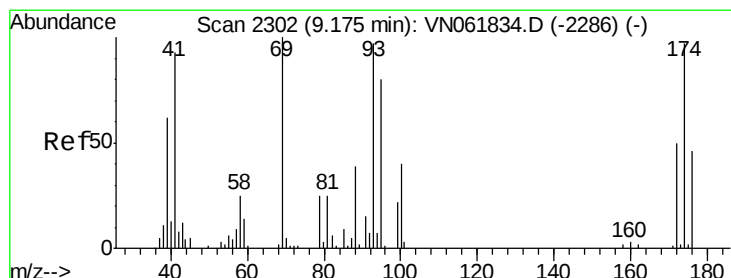
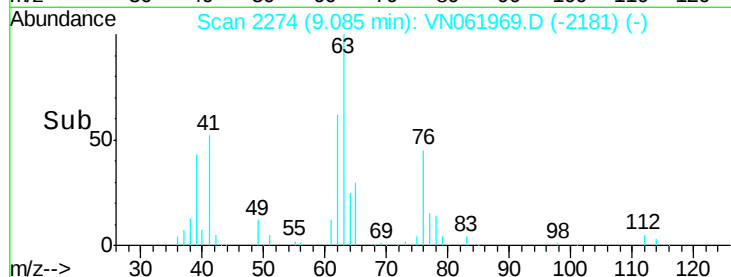
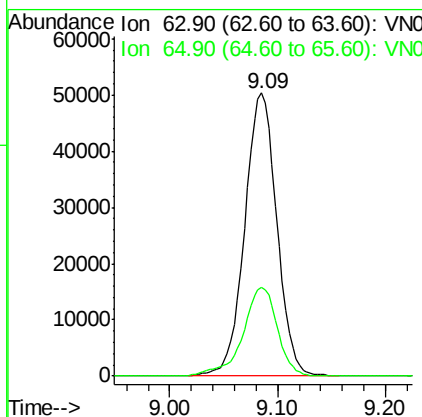
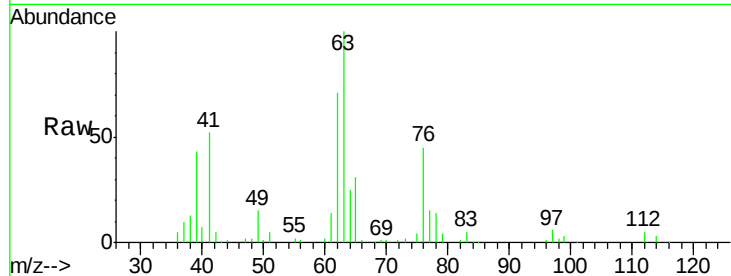
#45
 1,2-Dichloropropane
 Concen: 53.428 ug/l
 RT: 9.09 min Scan# 2274
 Delta R.T. 0.00 min
 Lab File: VN061969.D
 Acq: 19 Jun 2020 22:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 103984
 Ion Ratio Lower Upper
 63 100
 65 31.3 25.1 37.7

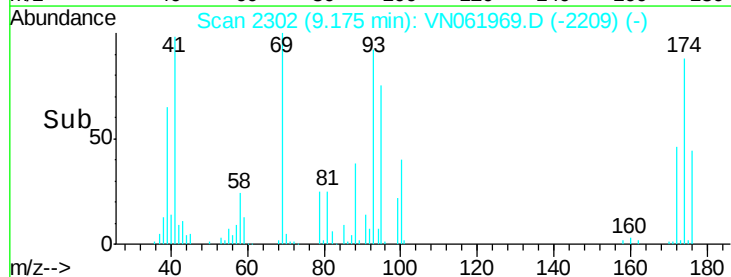
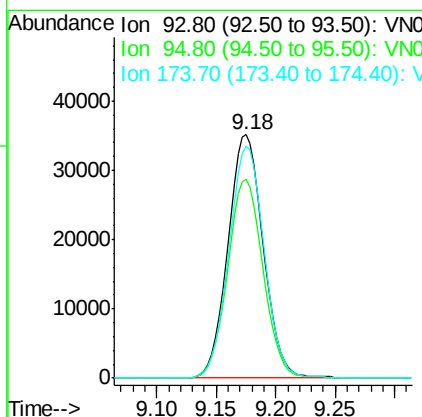
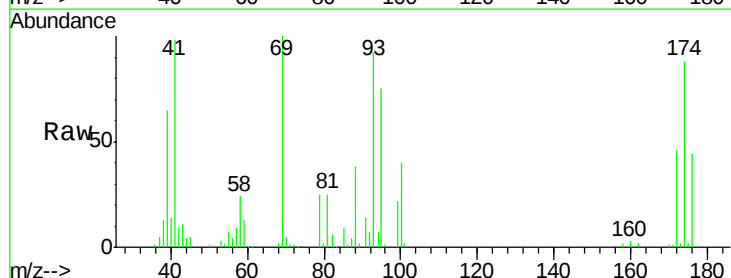
Manual Integrations
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 6/22/2020 10:30:02 AM



#46
 Dibromomethane
 Concen: 52.542 ug/l
 RT: 9.18 min Scan# 2302
 Delta R.T. 0.00 min
 Lab File: VN061969.D
 Acq: 19 Jun 2020 22:24

Tgt Ion: 93 Resp: 72011
 Ion Ratio Lower Upper
 93 100
 95 82.4 65.8 98.6
 174 95.2 78.5 117.7





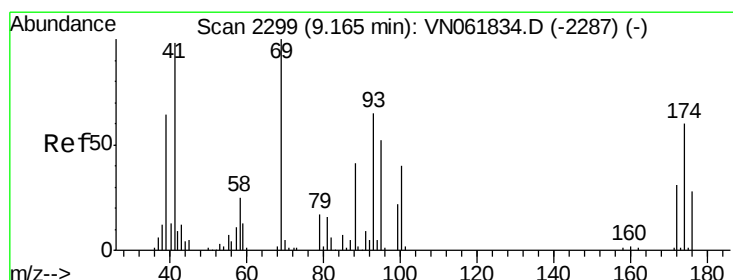
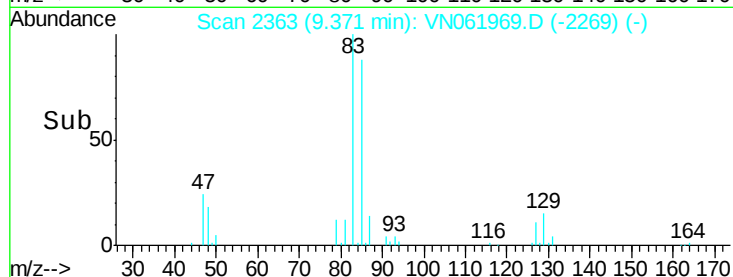
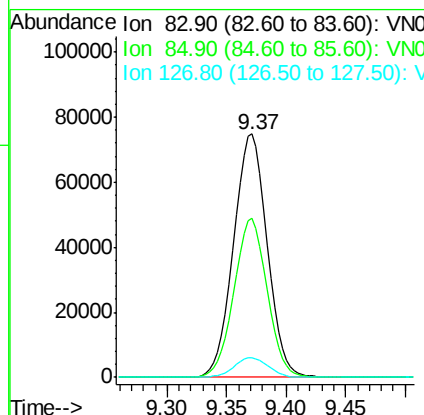
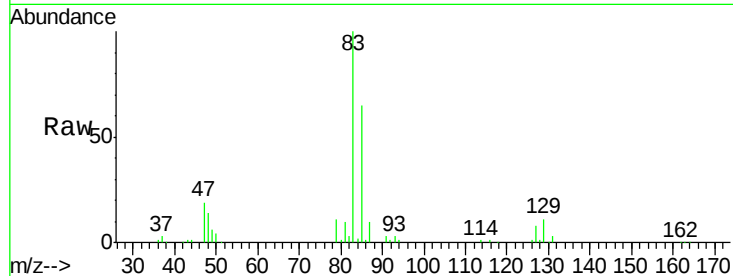
#47
Bromodichloromethane
Concen: 52.204 ug/l
RT: 9.37 min Scan# 2363
Delta R.T. 0.00 min
Lab File: VN061969.D
Acq: 19 Jun 2020 22:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	83	Resp	146503
Ion Ratio	100	Lower	Upper
83	100		
85	65.2	50.8	76.2
127	8.2	7.0	10.4

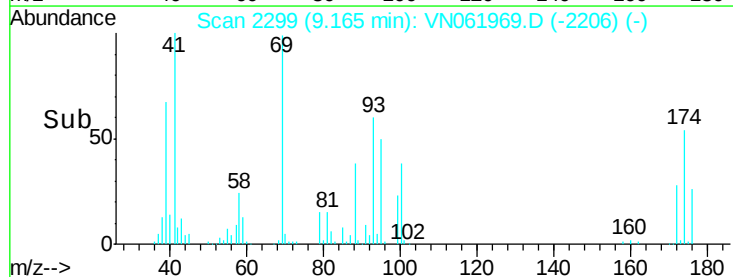
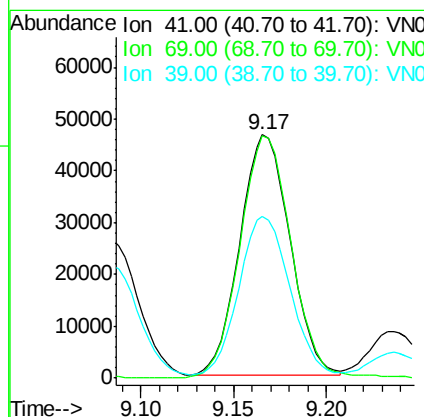
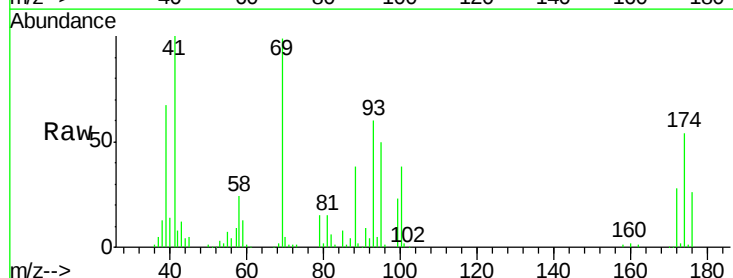
Manual Integrations
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#48
Methyl methacrylate
Concen: 55.518 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. 0.00 min
Lab File: VN061969.D
Acq: 19 Jun 2020 22:24

Tgt Ion	41	Resp	86866
Ion Ratio	100	Lower	Upper
41	100		
69	104.1	83.0	124.4
39	69.5	55.1	82.7





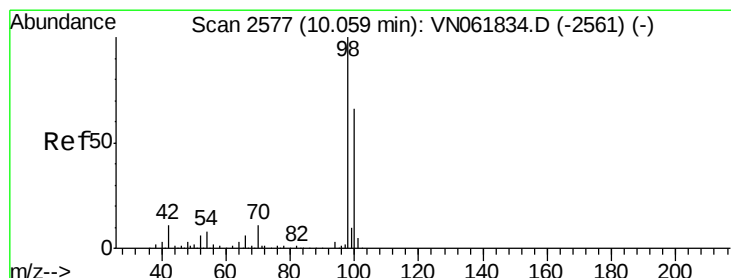
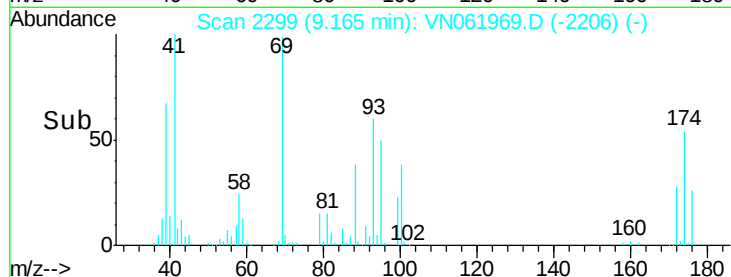
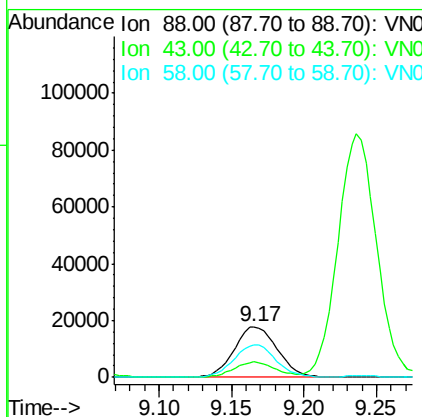
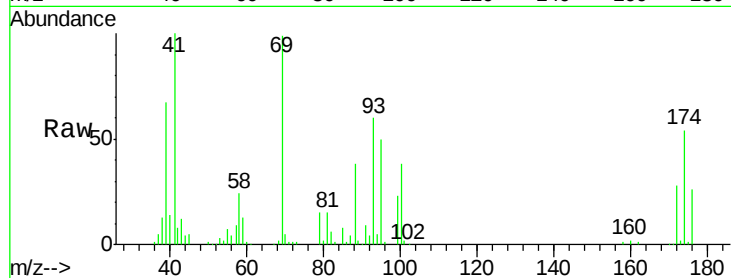
#49
1,4-Dioxane
Concen: 1020.001 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. 0.00 min
Lab File: VN061969.D
Acq: 19 Jun 2020 22:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.6	23.4	35.2
58	63.5	49.8	74.6

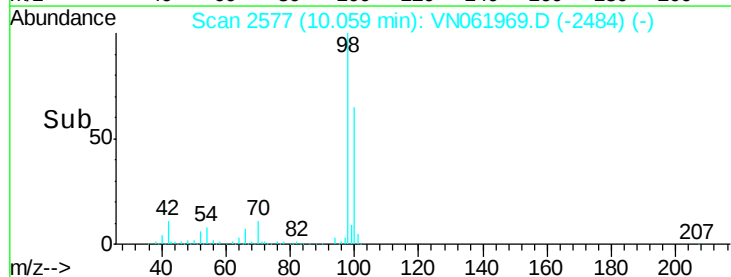
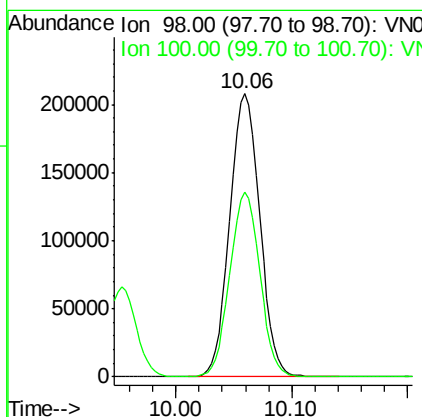
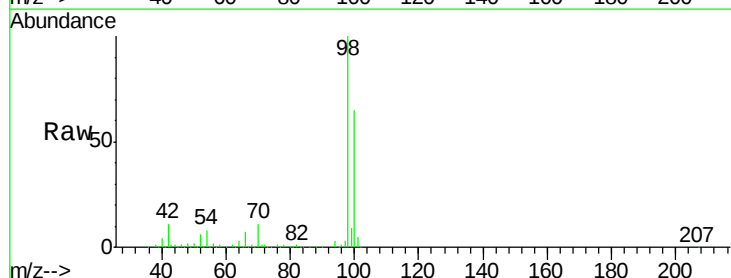
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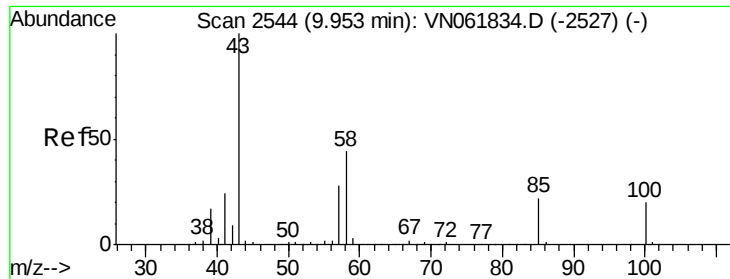
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#50
Toluene-d8
Concen: 51.788 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN061969.D
Acq: 19 Jun 2020 22:24

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.7	79.1





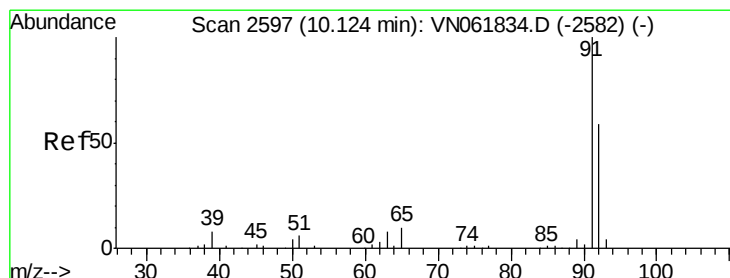
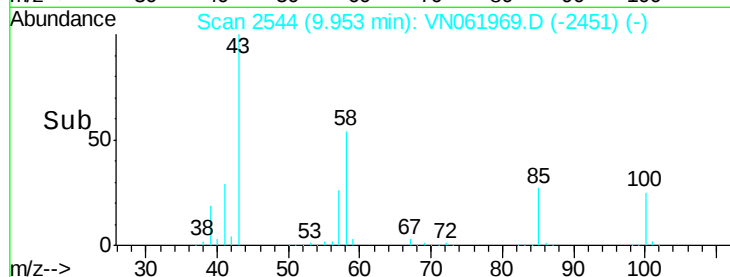
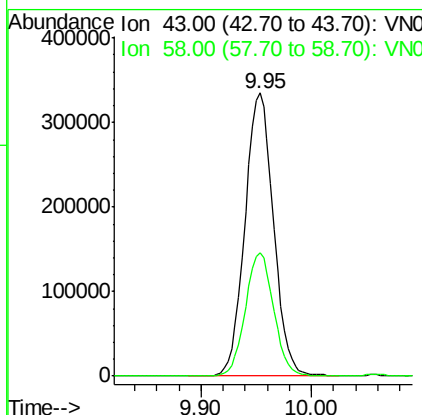
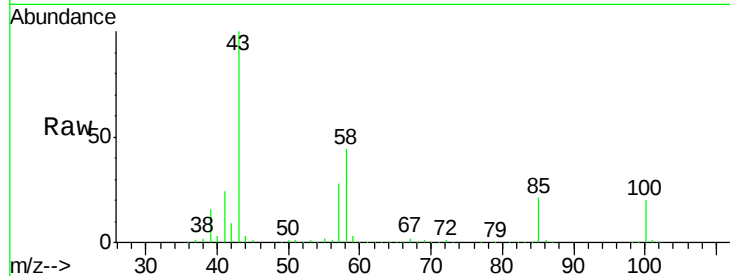
#51
4-Methyl-2-Pentanone
Concen: 295.397 ug/l
RT: 9.95 min Scan# 2544
Delta R.T. 0.00 min
Lab File: VN061969.D
Acq: 19 Jun 2020 22:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 600589
Ion Ratio Lower Upper
43 100
58 43.2 34.6 52.0

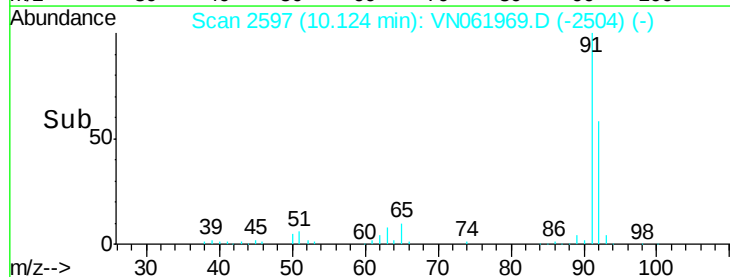
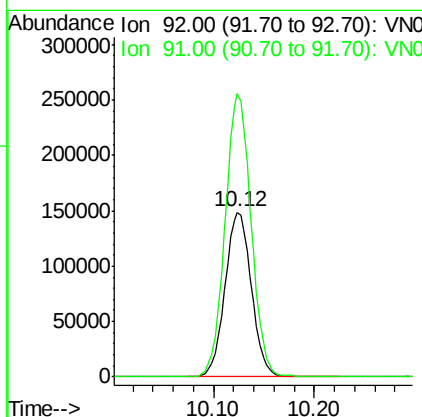
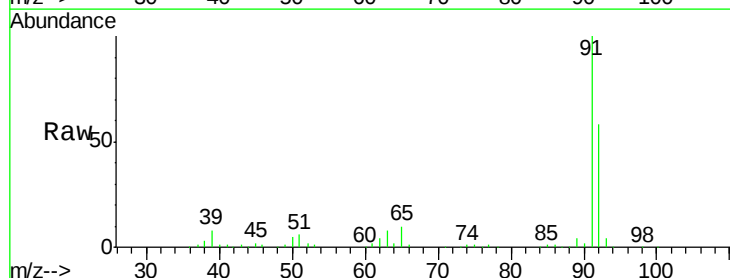
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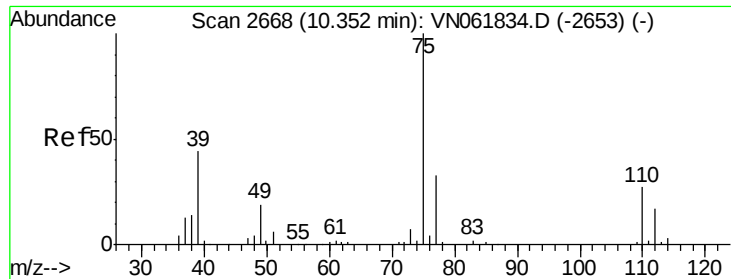
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#52
Toluene
Concen: 54.373 ug/l
RT: 10.12 min Scan# 2597
Delta R.T. 0.00 min
Lab File: VN061969.D
Acq: 19 Jun 2020 22:24

Tgt Ion: 92 Resp: 270438
Ion Ratio Lower Upper
92 100
91 170.2 137.1 205.7





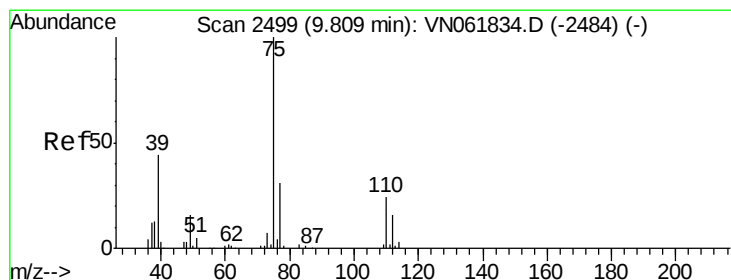
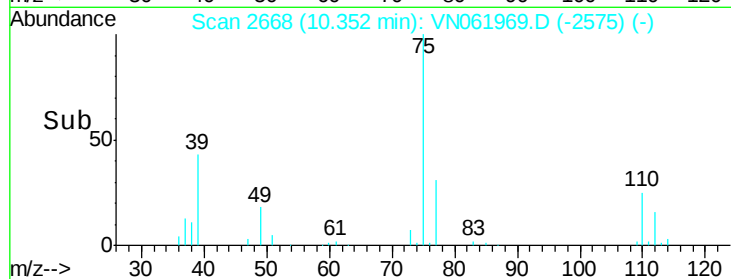
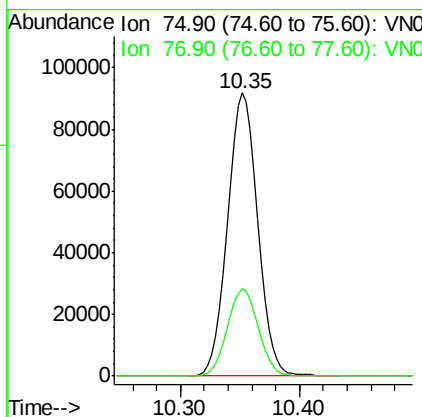
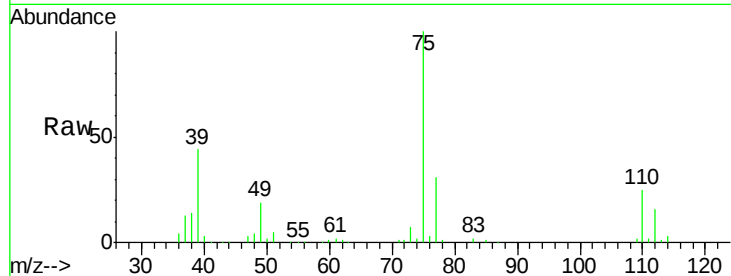
#53
t-1,3-Dichloropropene
Concen: 53.998 ug/l
RT: 10.35 min Scan# 2668
Delta R.T. 0.00 min
Lab File: VN061969.D
Acq: 19 Jun 2020 22:24

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion: 75 Resp: 160872
Ion Ratio Lower Upper
75 100
77 30.7 26.3 39.5

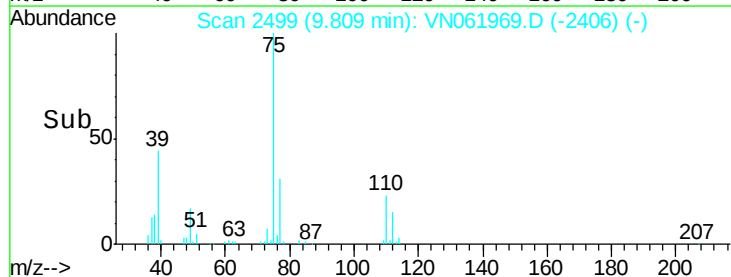
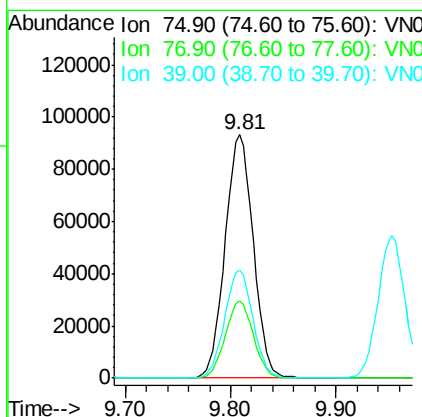
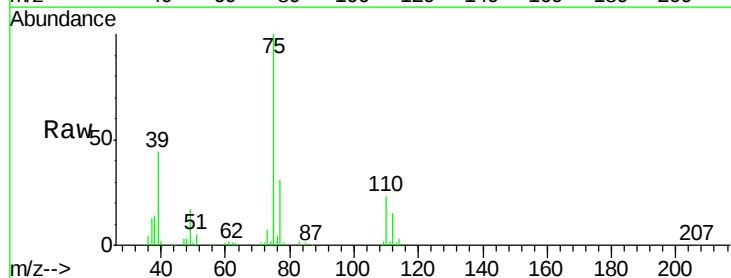
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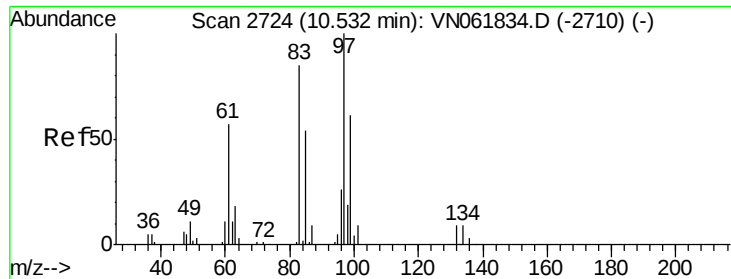
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#54
cis-1,3-Dichloropropene
Concen: 53.262 ug/l
RT: 9.81 min Scan# 2499
Delta R.T. 0.00 min
Lab File: VN061969.D
Acq: 19 Jun 2020 22:24

Tgt Ion: 75 Resp: 172348
Ion Ratio Lower Upper
75 100
77 31.5 24.8 37.2
39 44.2 35.4 53.0





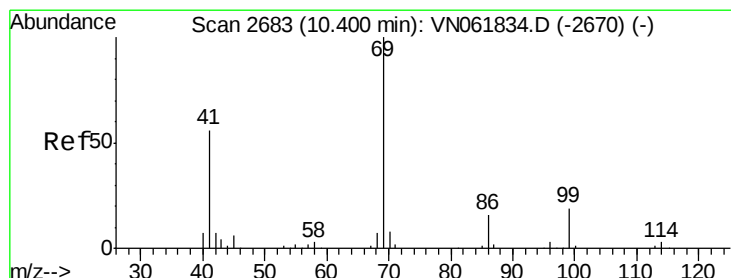
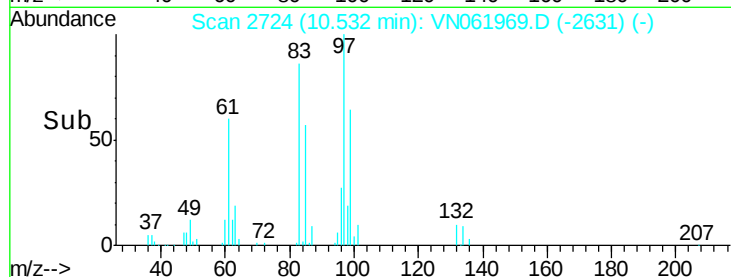
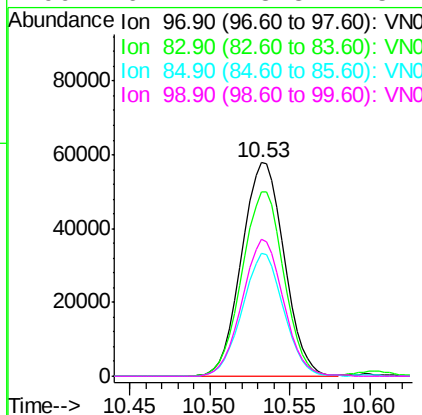
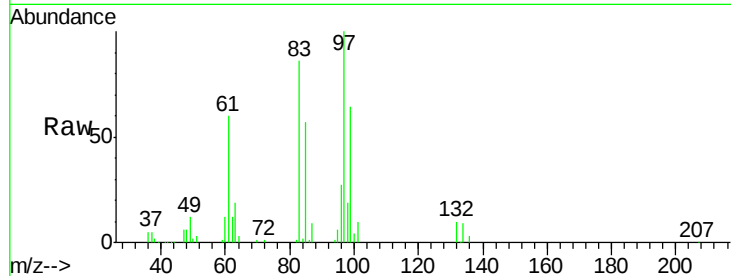
#55
 1,1,2-Trichloroethane
 Concen: 53.897 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. 0.00 min
 Lab File: VN061969.D
 Acq: 19 Jun 2020 22:24

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

Tot Ion:	97	Resp:	105473
Ion	Ratio	Lower	Upper
97	100		
83	86.3	67.7	101.5
85	57.4	43.4	65.0
99	64.1	48.8	73.2

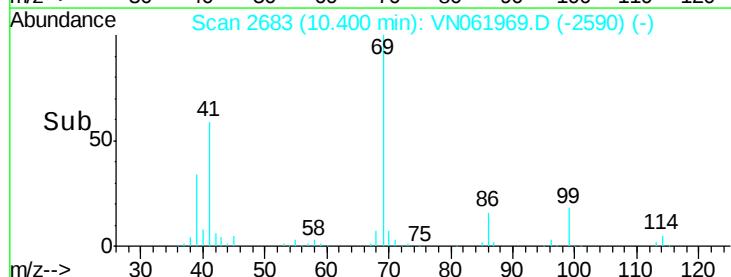
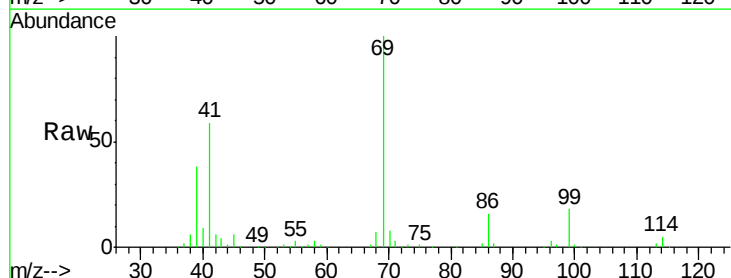
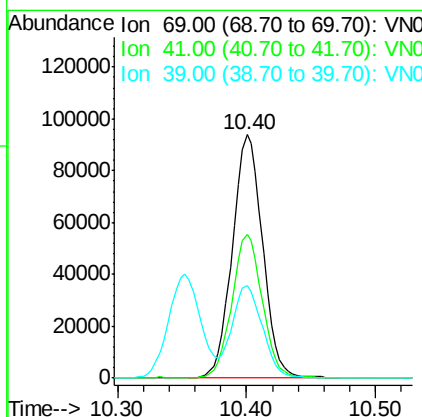
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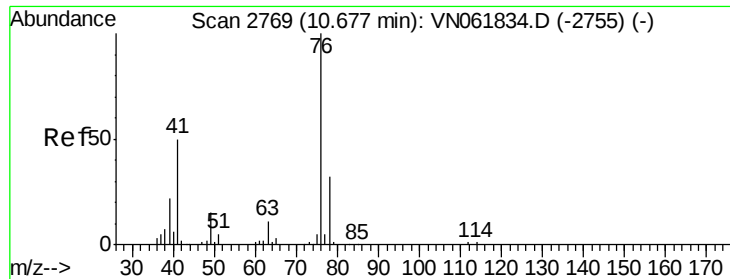
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#56
 Ethyl methacrylate
 Concen: 51.135 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. 0.00 min
 Lab File: VN061969.D
 Acq: 19 Jun 2020 22:24

Tgt Ion:	69	Resp:	153061
Ion	Ratio	Lower	Upper
69	100		
41	58.4	44.9	67.3
39	37.9	30.0	45.0





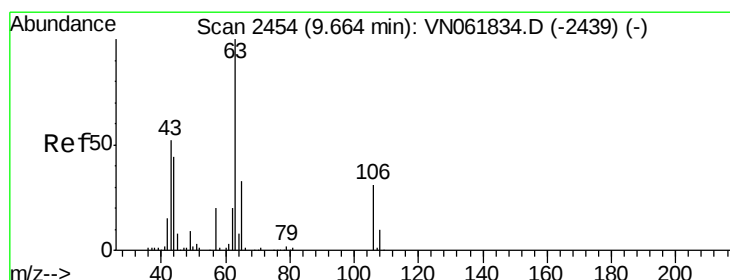
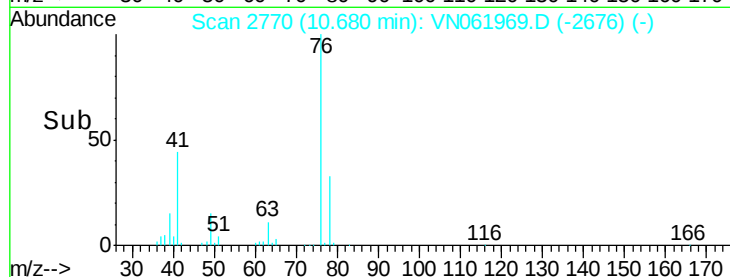
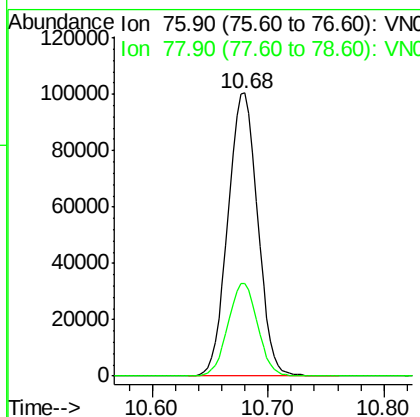
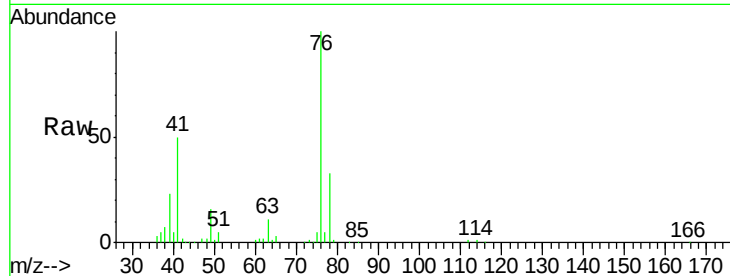
#57
 1,3-Dichloropropane
 Concen: 53.652 ug/l
 RT: 10.68 min Scan# 2770
 Delta R.T. 0.00 min
 Lab File: VN061969.D
 Acq: 19 Jun 2020 22:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 177872
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.8 38.8

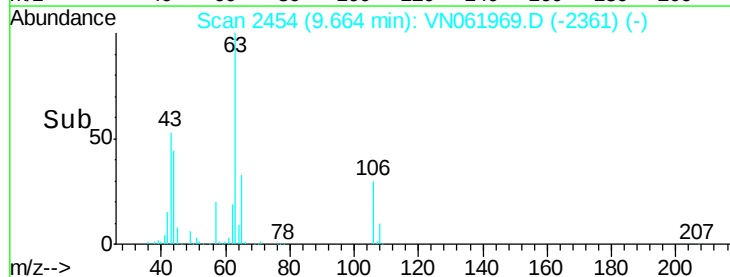
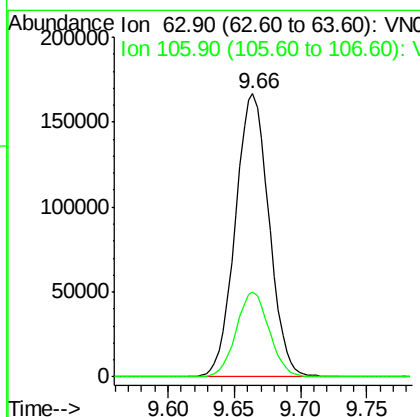
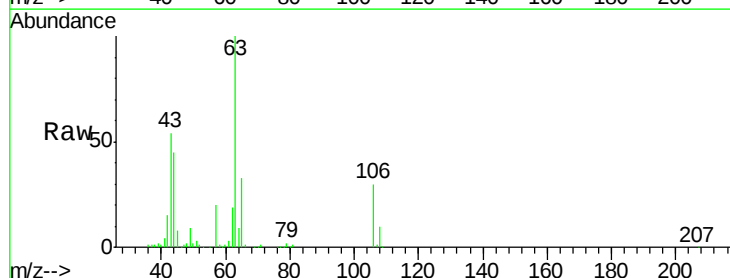
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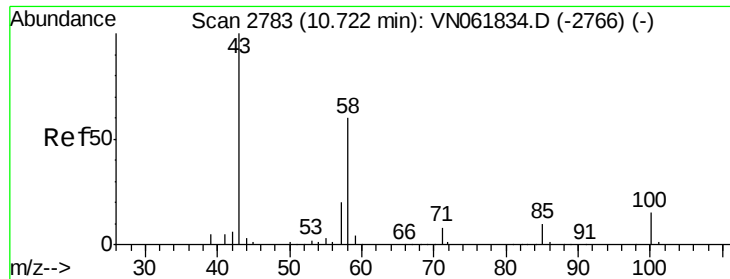
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#58
 2-Chloroethyl Vinyl ether
 Concen: 285.150 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN061969.D
 Acq: 19 Jun 2020 22:24

Tgt Ion: 63 Resp: 294503
 Ion Ratio Lower Upper
 63 100
 106 29.5 24.6 36.8





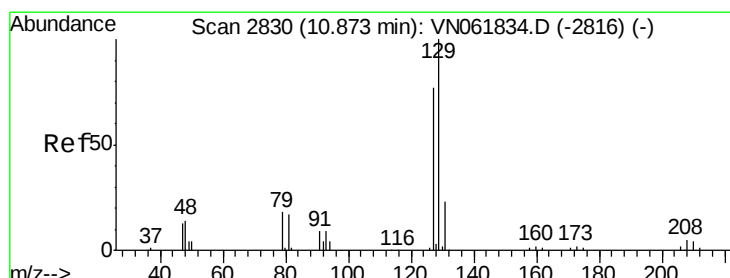
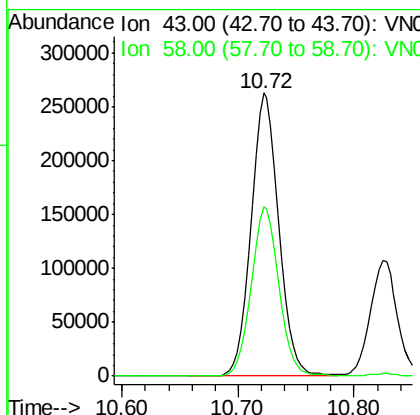
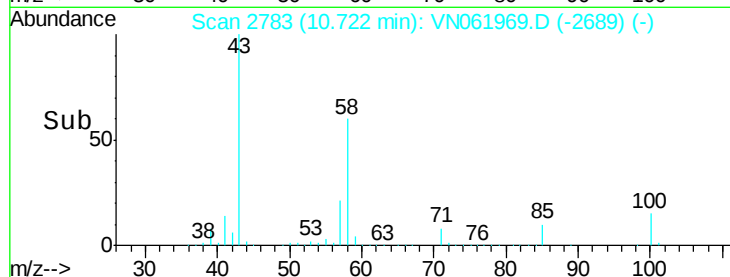
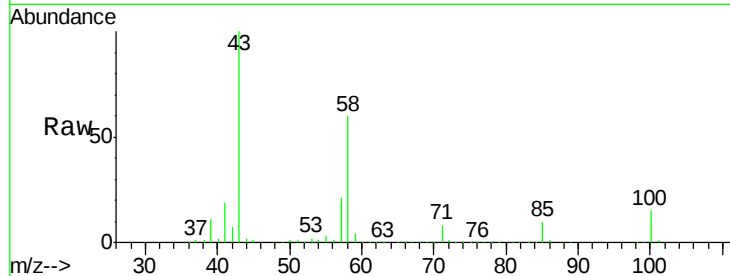
#59
2-Hexanone
Concen: 269.392 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VN061969.D
Acq: 19 Jun 2020 22:24

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion: 43 Resp: 439362
Ion Ratio Lower Upper
43 100
58 59.8 30.1 90.5

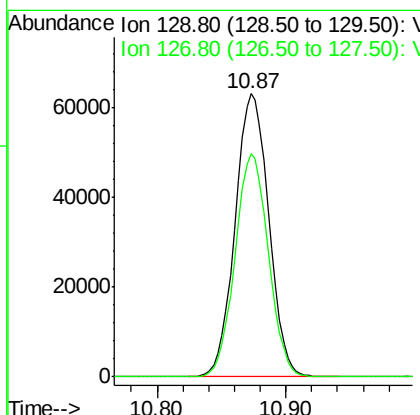
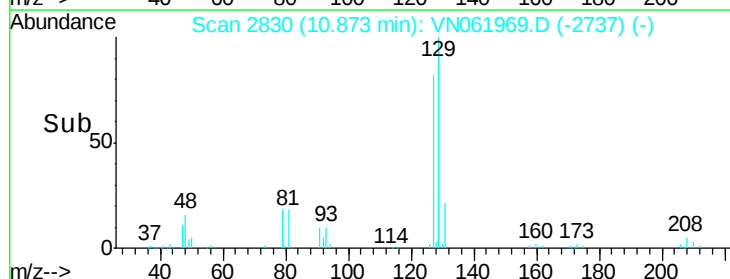
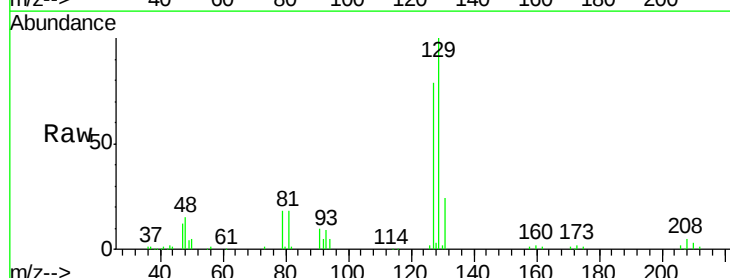
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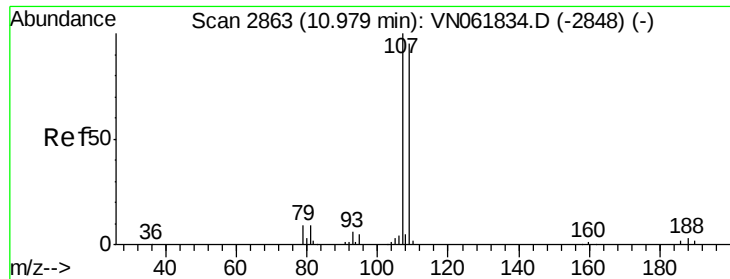
MMDadoda
6/22/2020 10:30:02 AM



#60
Dibromochloromethane
Concen: 52.348 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. 0.00 min
Lab File: VN061969.D
Acq: 19 Jun 2020 22:24

Tgt Ion: 129 Resp: 114309
Ion Ratio Lower Upper
129 100
127 77.9 38.5 115.5





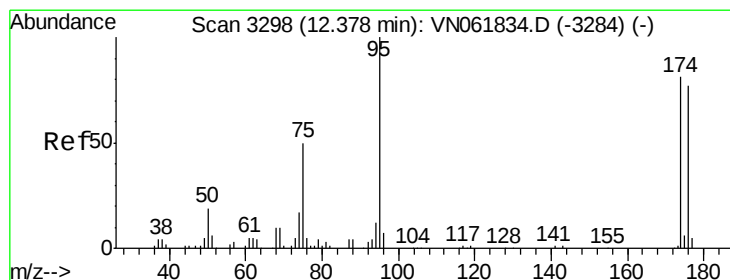
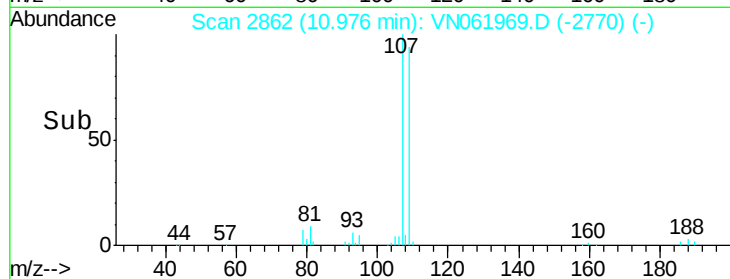
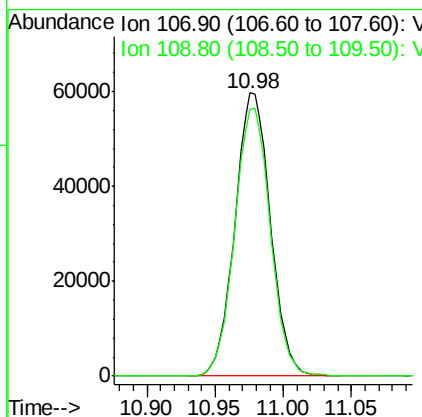
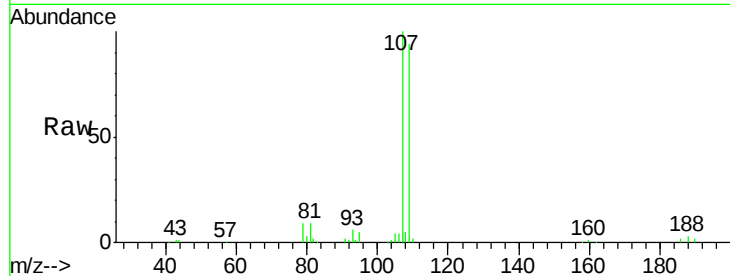
#61
 1,2-Dibromoethane
 Concen: 52.781 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN061969.D
 Acq: 19 Jun 2020 22:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 107 Resp: 107853
 Ion Ratio Lower Upper
 107 100
 109 95.4 75.0 112.6

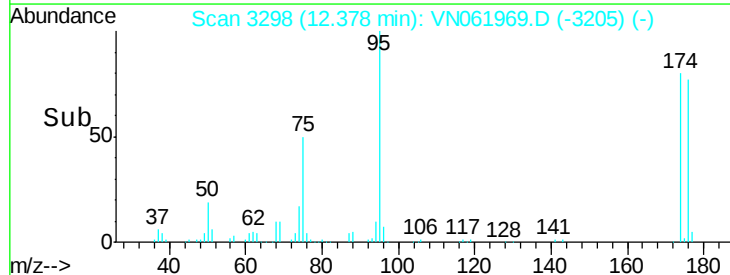
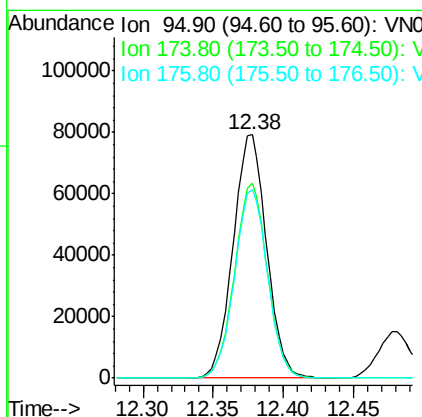
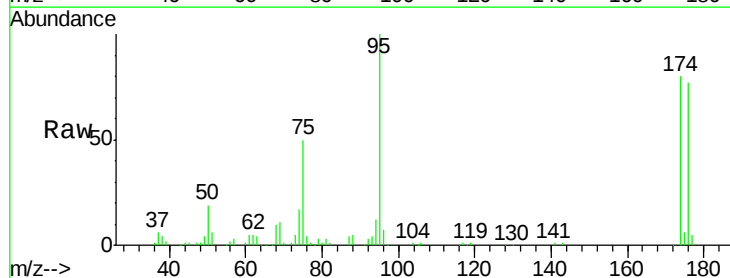
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#62
 4-Bromofluorobenzene
 Concen: 53.306 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.00 min
 Lab File: VN061969.D
 Acq: 19 Jun 2020 22:24

Tgt Ion: 95 Resp: 131817
 Ion Ratio Lower Upper
 95 100
 174 78.8 0.0 158.6
 176 76.3 0.0 152.0





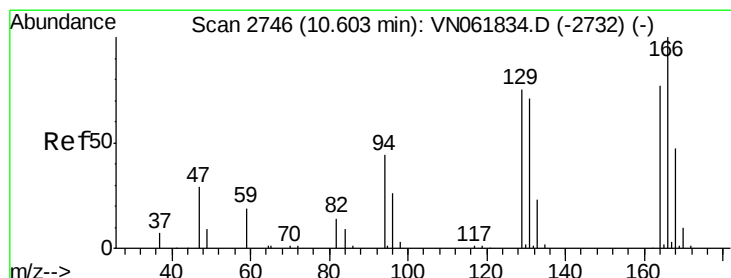
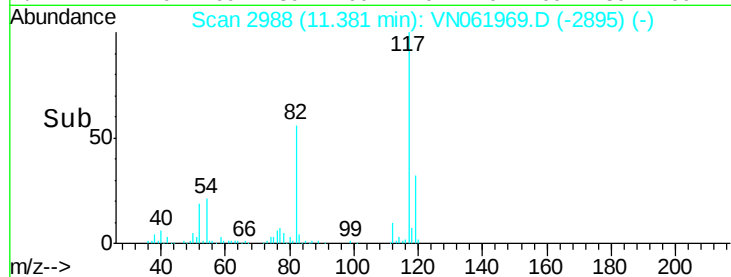
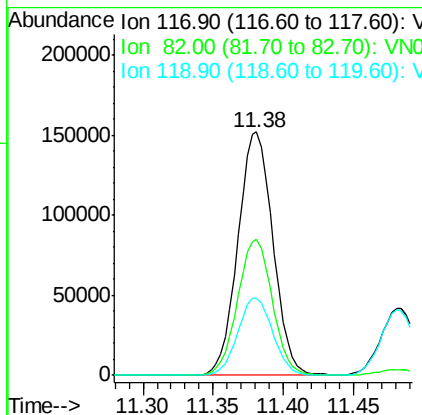
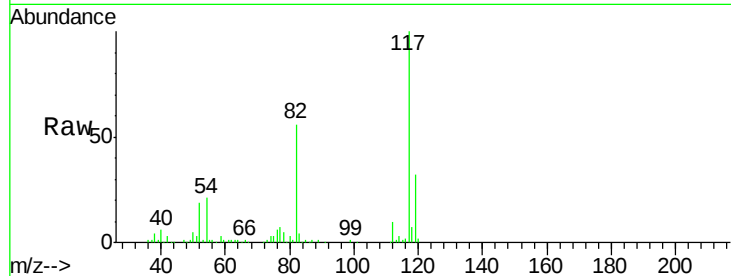
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061969.D
Acq: 19 Jun 2020 22:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	265252		
82	55.7	42.6	64.0	
119	31.9	24.7	37.1	

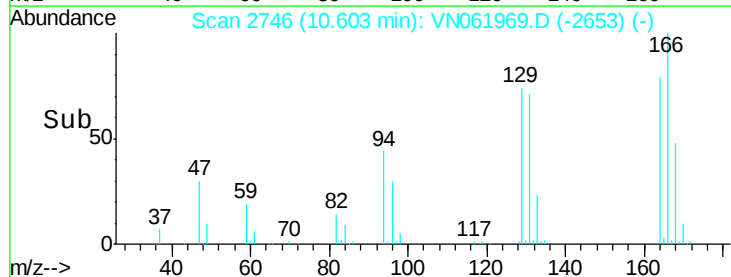
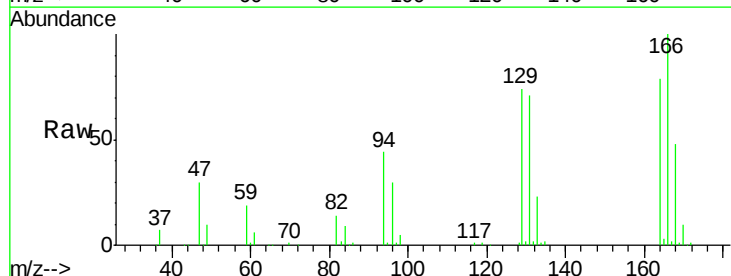
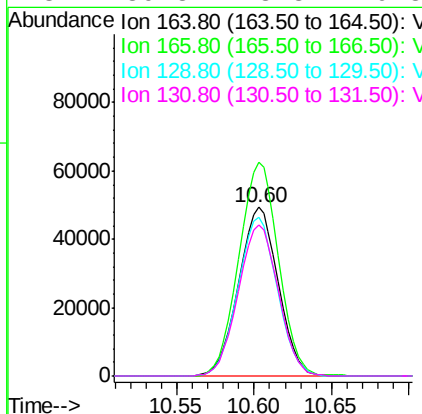
Manual Integrations
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#64
Tetrachloroethene
Concen: 51.749 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. 0.00 min
Lab File: VN061969.D
Acq: 19 Jun 2020 22:24

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	87488		
166	126.8	103.5	155.3	
129	94.3	77.5	116.3	
131	89.8	73.8	110.8	





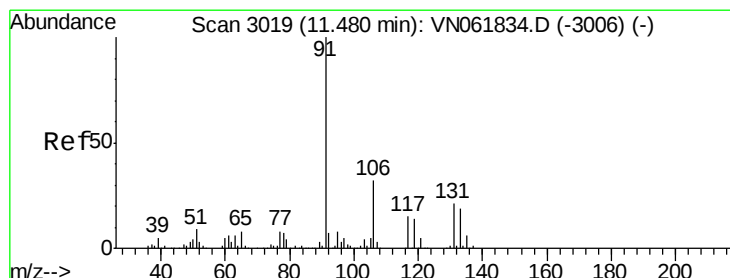
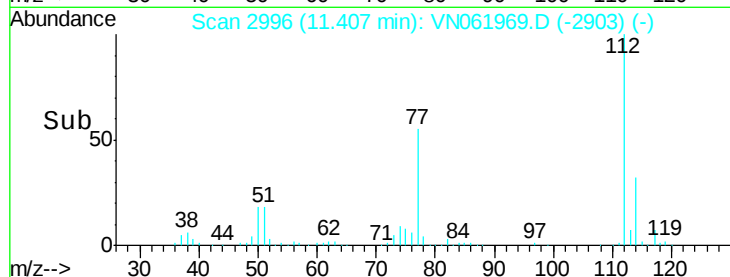
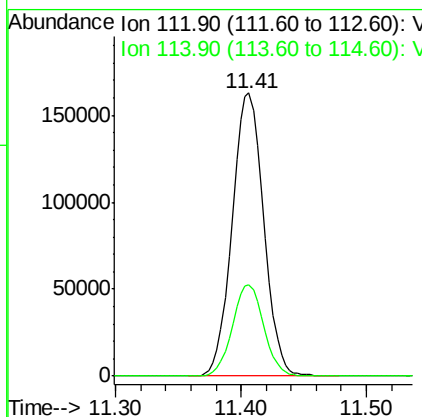
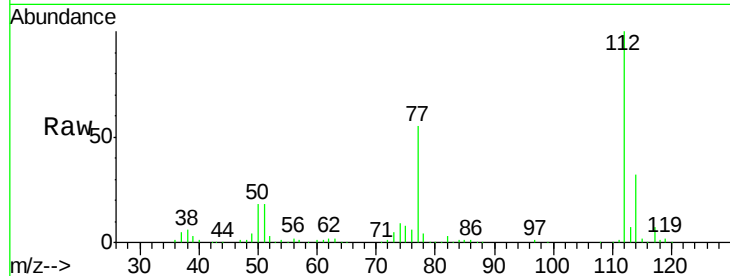
#65
Chlorobenzene
Concen: 50.800 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN061969.D
Acq: 19 Jun 2020 22:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 284331
Ion Ratio Lower Upper
112 100
114 32.4 25.8 38.6

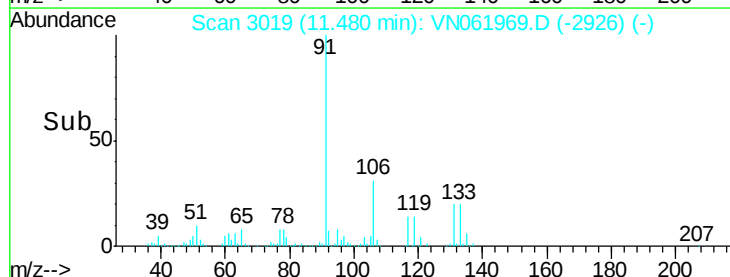
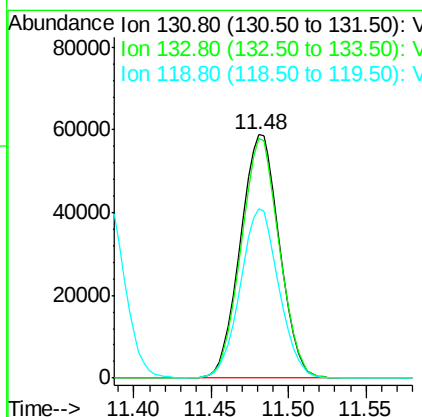
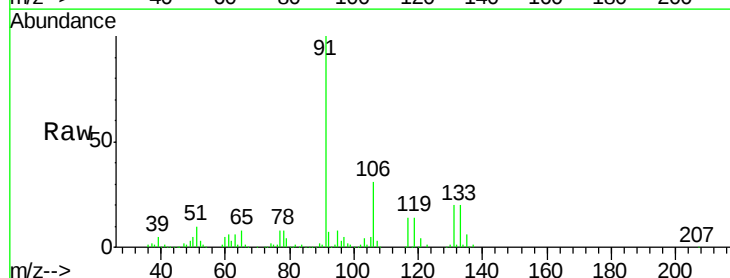
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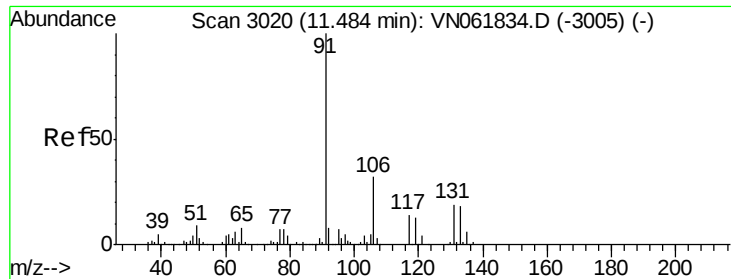
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#66
1,1,1,2-Tetrachloroethane
Concen: 53.066 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. 0.00 min
Lab File: VN061969.D
Acq: 19 Jun 2020 22:24

Tgt Ion:131 Resp: 103588
Ion Ratio Lower Upper
131 100
133 96.3 47.5 142.5
119 68.4 34.0 101.8





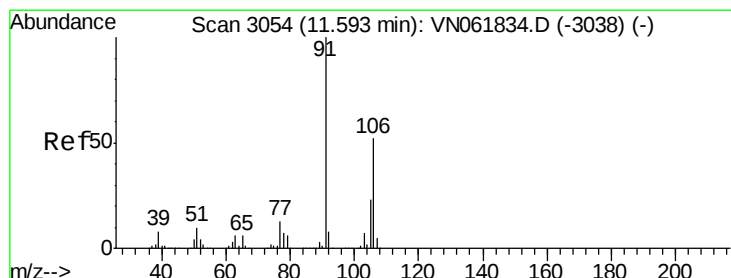
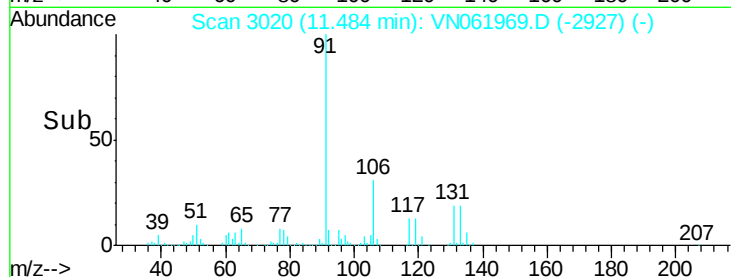
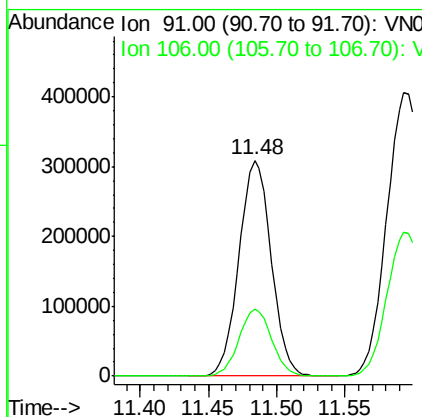
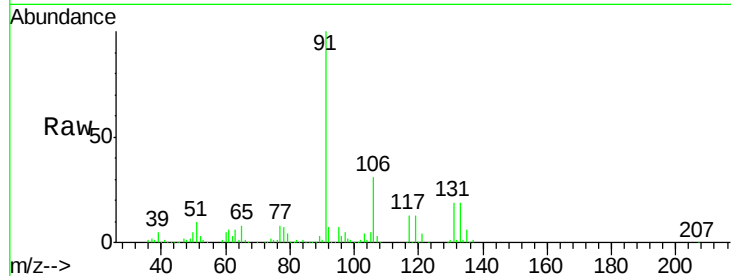
#67
Ethyl Benzene
Concen: 54.093 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN061969.D
Acq: 19 Jun 2020 22:24

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion: 91 Resp: 507617
Ion Ratio Lower Upper
91 100
106 31.1 25.4 38.2

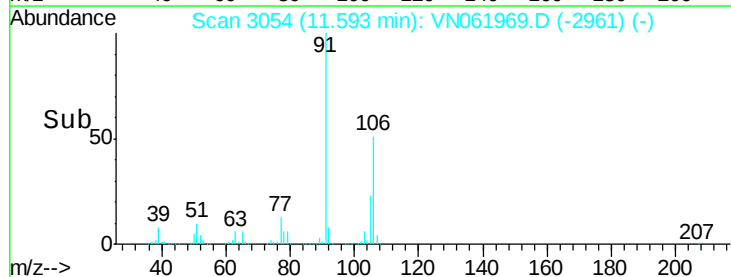
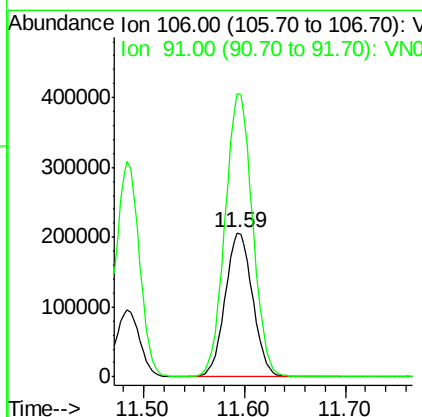
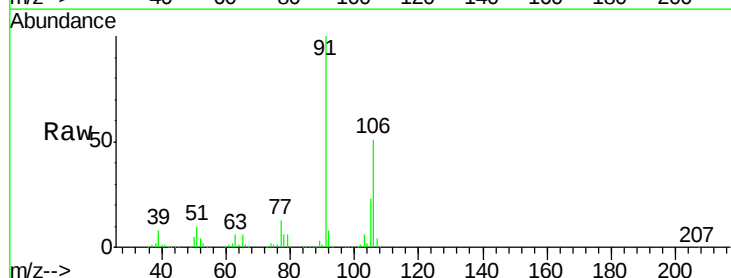
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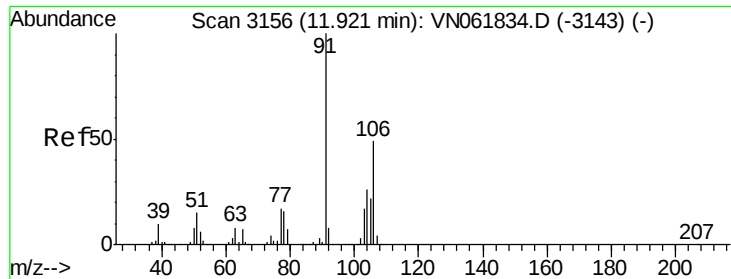
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#68
m/p-Xylenes
Concen: 108.166 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN061969.D
Acq: 19 Jun 2020 22:24

Tgt Ion: 106 Resp: 391406
Ion Ratio Lower Upper
106 100
91 197.4 157.0 235.6





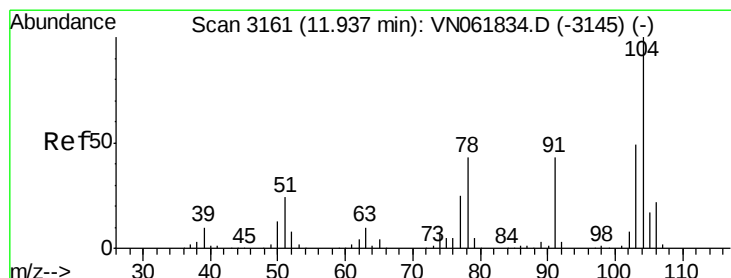
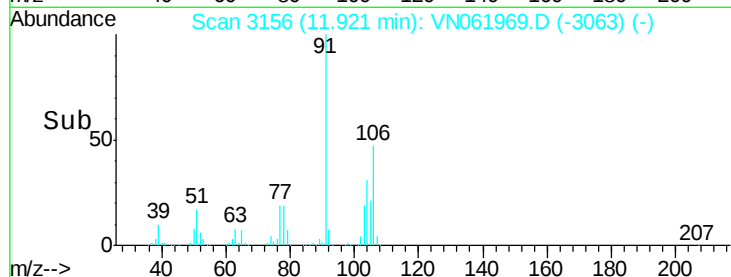
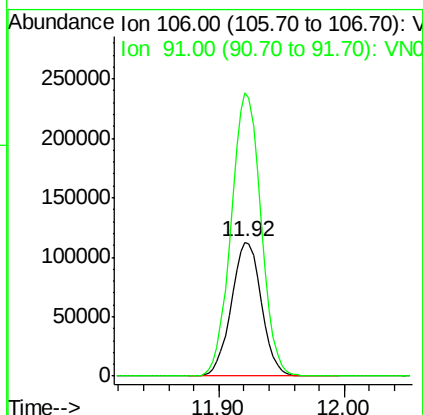
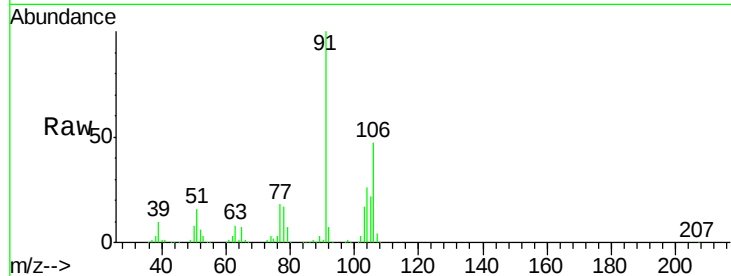
#69
o-Xylene
Concen: 54.474 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN061969.D
Acq: 19 Jun 2020 22:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	209.5	103.0	188079	308.9	

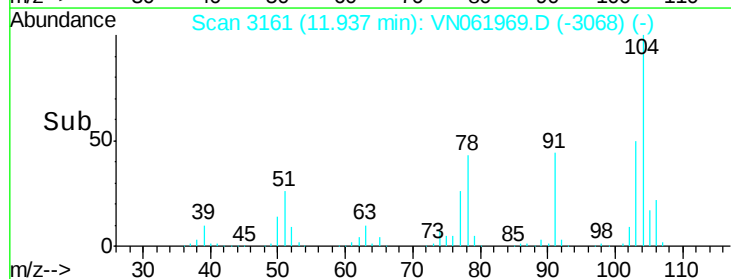
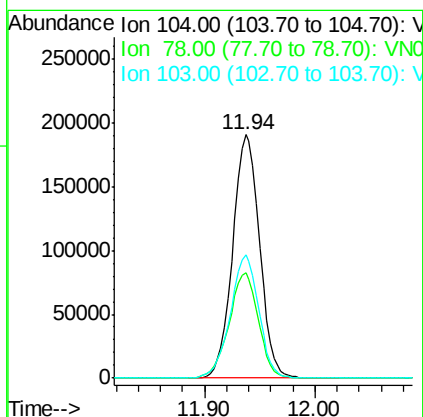
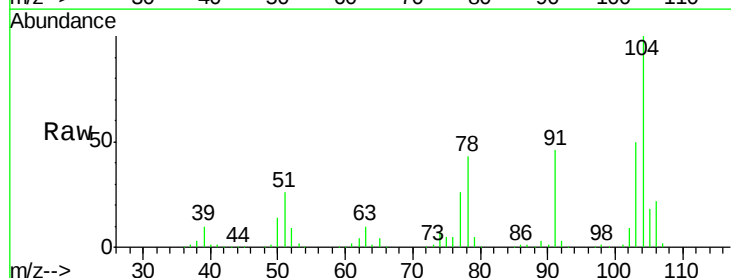
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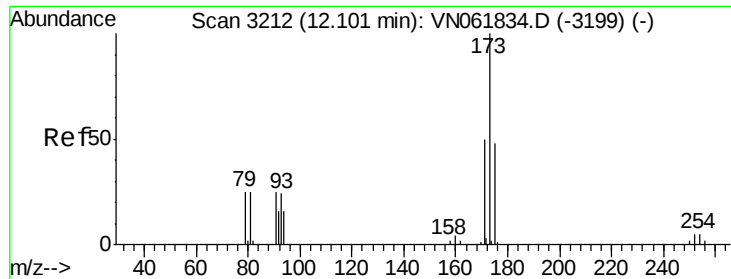
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#70
Styrene
Concen: 55.850 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. 0.00 min
Lab File: VN061969.D
Acq: 19 Jun 2020 22:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100				
78	47.2	37.6	322871	56.4	
103	53.4	43.0		64.4	





#71

Bromoform

Concen: 54.876 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. 0.00 min

Lab File: VN061969.D

Acq: 19 Jun 2020 22:24

Instrument :

MSVOA_N

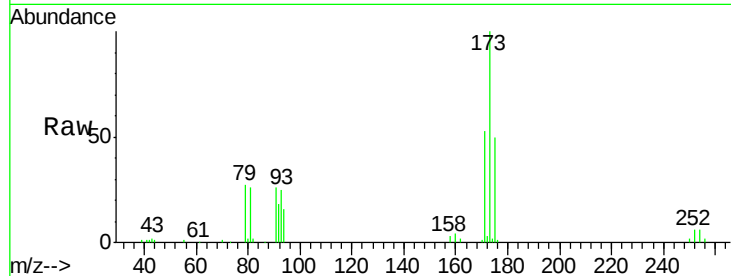
ClientSampleId :

VSTDCCC050

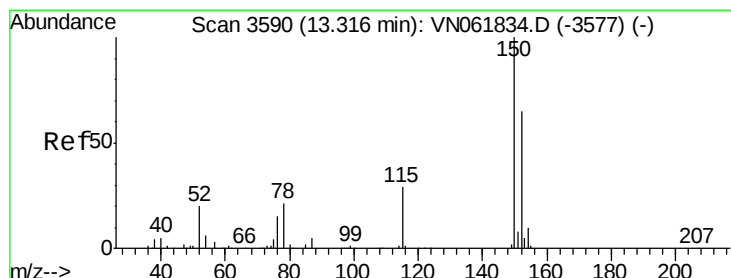
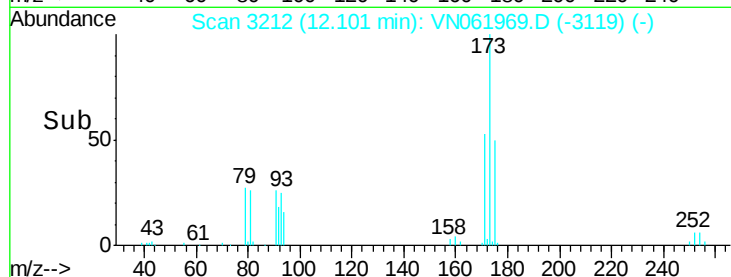
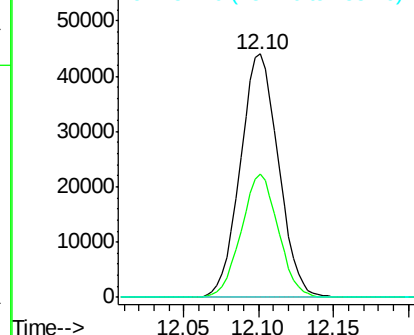
Tot Ion:	173	Resp:	78107
Ion Ratio	Lower	Upper	
173	100		
175	49.0	23.9	71.7
254	0.0	0.0	0.0

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

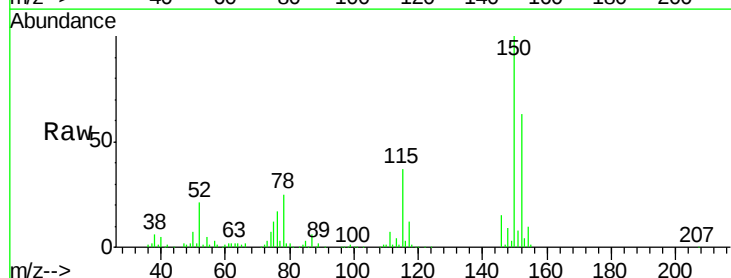
RT: 13.32 min Scan# 3590

Delta R.T. 0.00 min

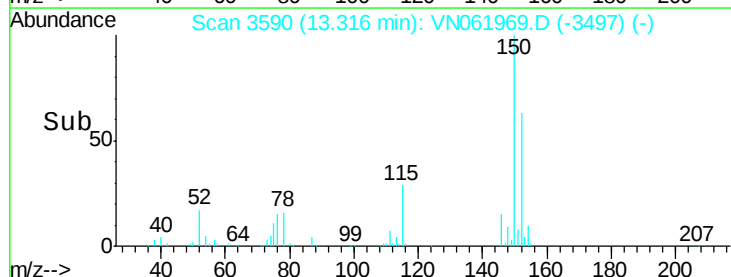
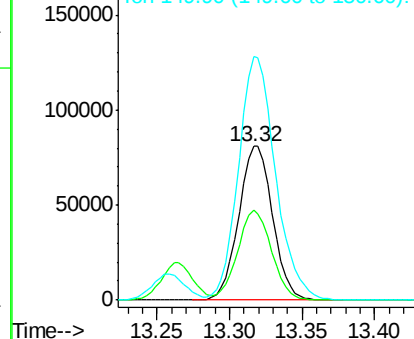
Lab File: VN061969.D

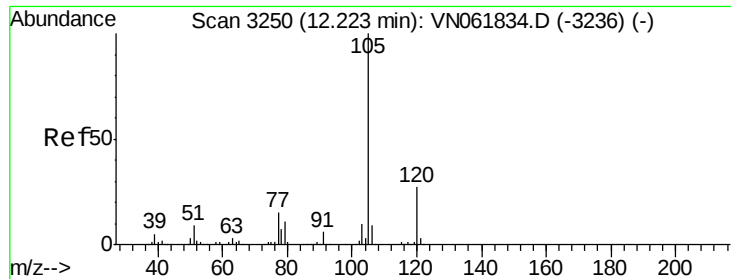
Acq: 19 Jun 2020 22:24

Tgt Ion:	152	Resp:	131157
Ion Ratio	Lower	Upper	
152	100		
115	58.4	29.1	87.3
150	173.5	0.0	347.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 53.462 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN061969.D

Acq: 19 Jun 2020 22:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 498273

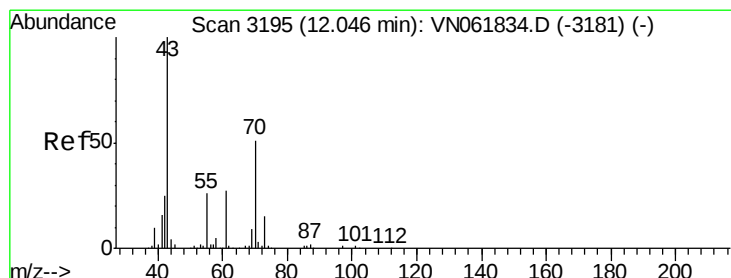
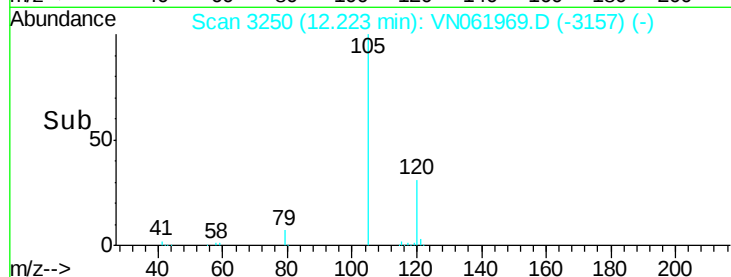
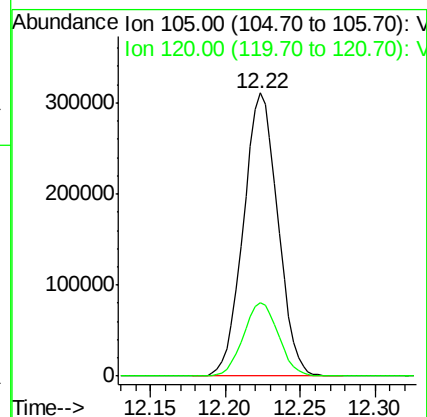
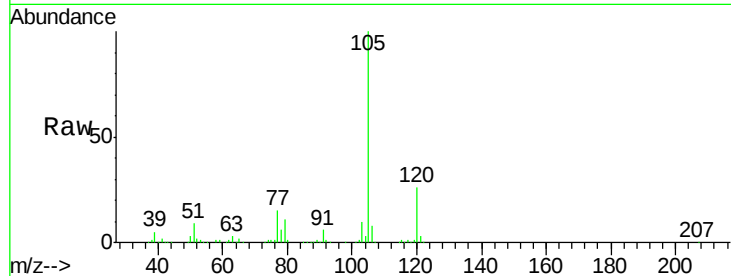
Ion Ratio Lower Upper

105 100

120 26.3 13.3 39.8

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#74

N-ethyl acetate

Concen: 53.241 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VN061969.D

Acq: 19 Jun 2020 22:24

Tgt Ion: 43 Resp: 180414

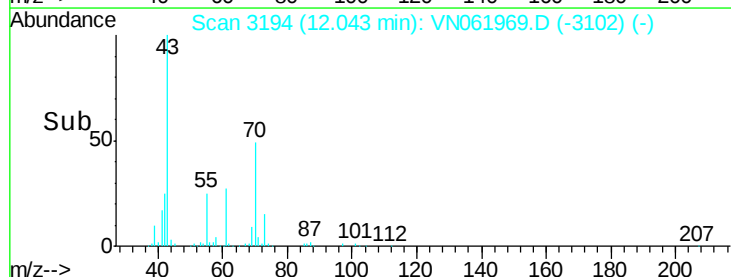
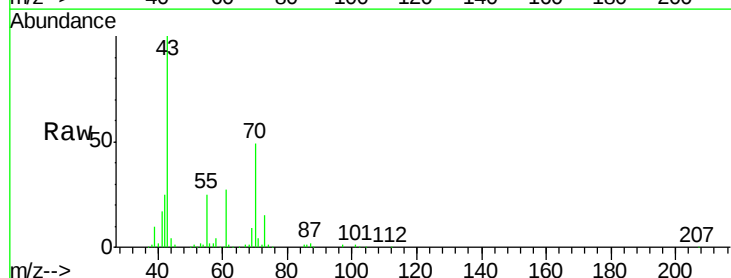
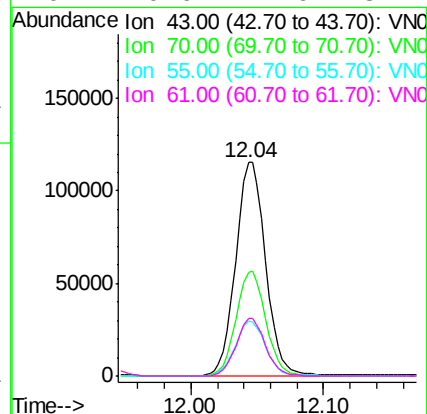
Ion Ratio Lower Upper

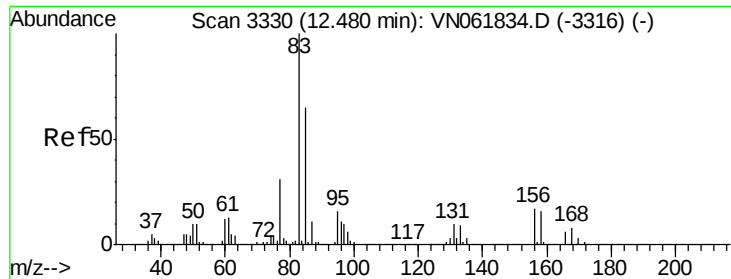
43 100

70 48.9 40.6 60.8

55 26.3 21.5 32.3

61 26.6 21.6 32.4





#75

1,1,2,2-Tetrachloroethane

Concen: 52.715 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN061969.D

Acq: 19 Jun 2020 22:24

Instrument :

MSVOA_N

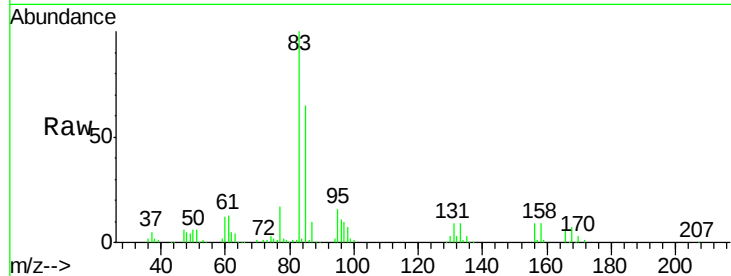
ClientSampleId :

VSTDCCC050

Tot Ion	83	Resp	159736
Ion Ratio	Lower	Upper	
83	100		
131	9.9	5.0	15.0
85	64.6	32.4	97.2

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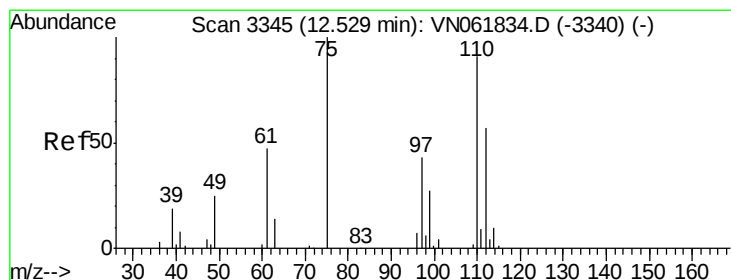
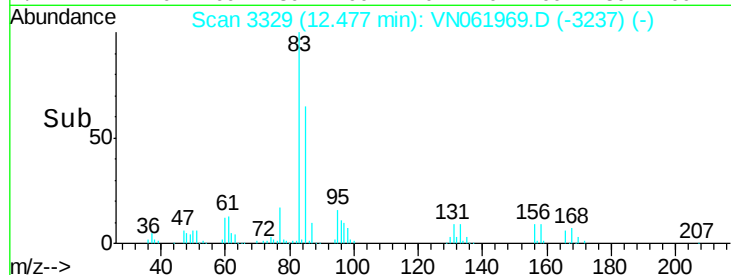
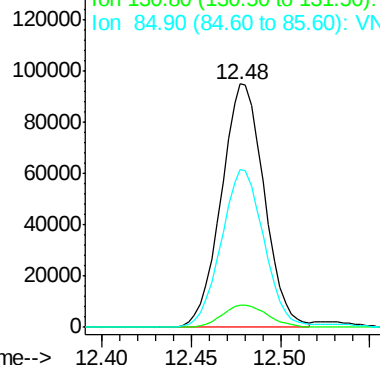
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Abundance Ion 82.90 (82.60 to 83.60): VN061834.D (-3316) (-)

Ion 130.80 (130.50 to 131.50): VN061834.D (-3316) (-)

Ion 84.90 (84.60 to 85.60): VN061834.D (-3316) (-)



#76

1,2,3-Trichloropropane

Concen: 51.233 ug/l m

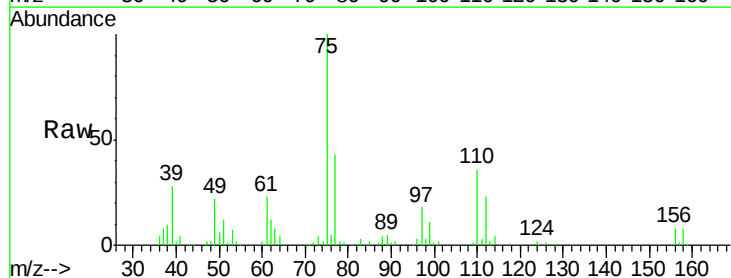
RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN061969.D

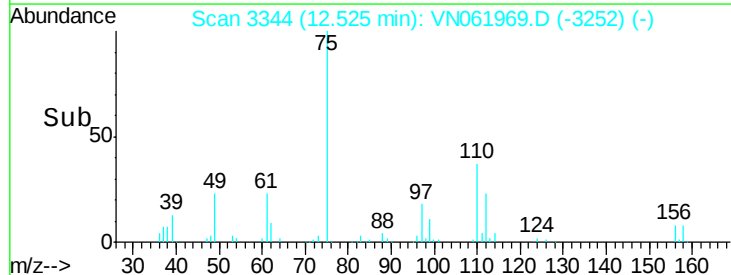
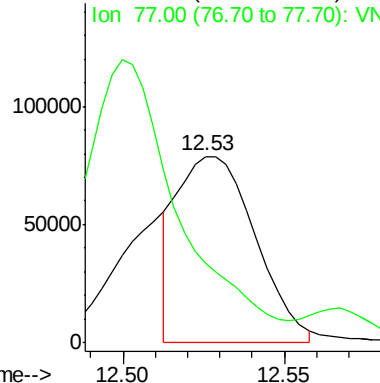
Acq: 19 Jun 2020 22:24

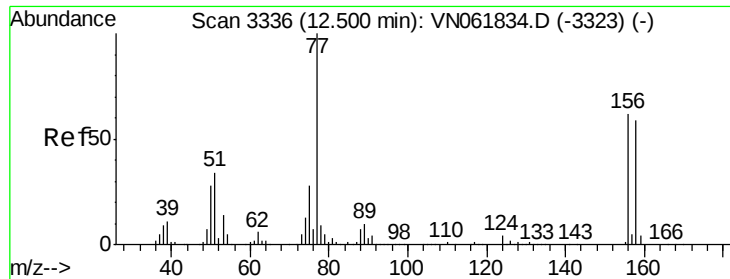
Tgt Ion	75	Resp	131922
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VN061834.D (-3340) (-)

Ion 77.00 (76.70 to 77.70): VN061834.D (-3340) (-)





#77

Bromobenzene

Concen: 51.308 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN061969.D

Acq: 19 Jun 2020 22:24

Instrument :

MSVOA_N

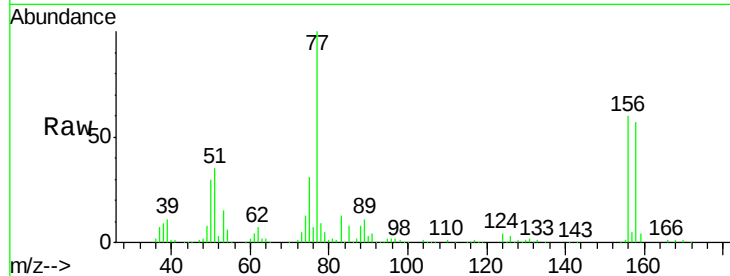
ClientSampleId :

VSTDCCC050

Tot Ion	156	Resp	120644
Ion Ratio	Lower	Upper	
156	100		
77	205.9	100.7	302.1
158	97.2	48.5	145.5

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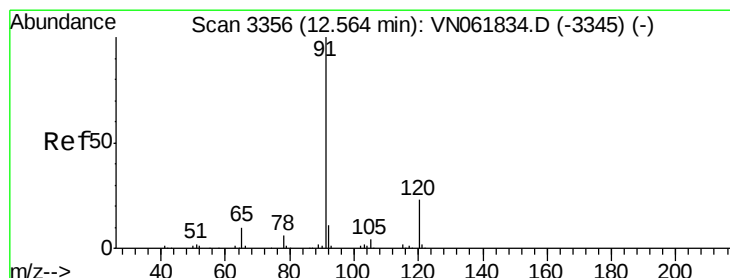
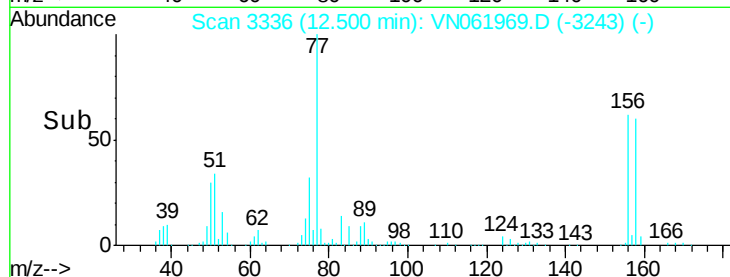
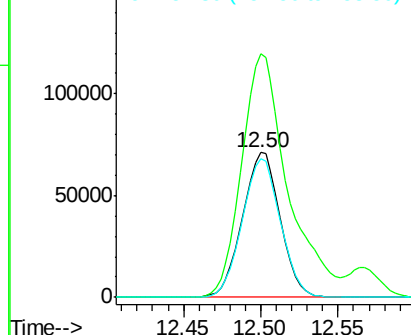
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.148 ug/l

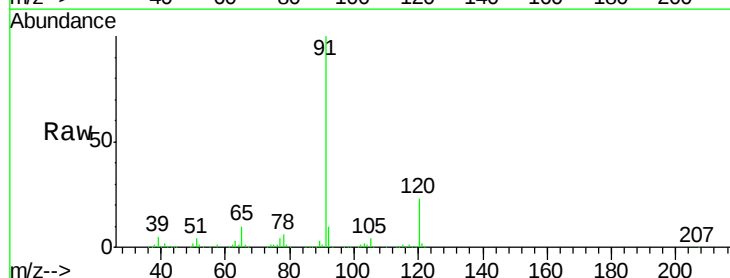
RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN061969.D

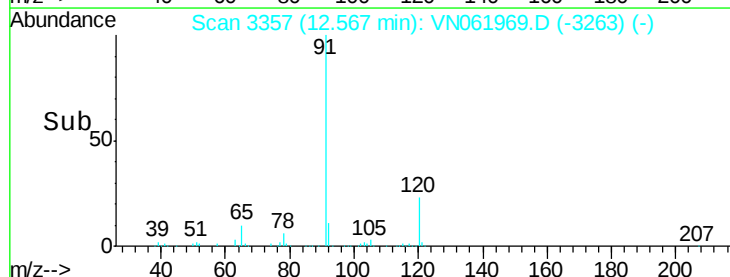
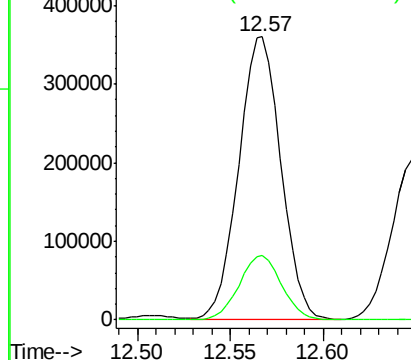
Acq: 19 Jun 2020 22:24

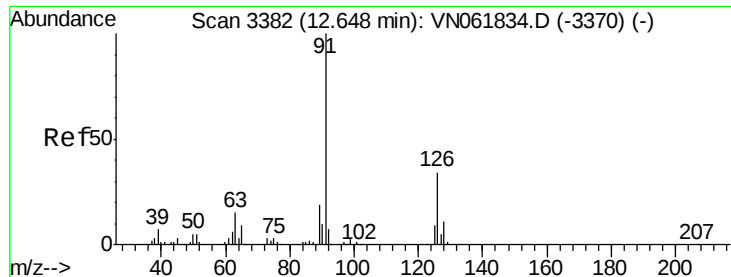
Tgt Ion	91	Resp	565217
Ion Ratio	Lower	Upper	
91	100		
120	22.9	11.6	34.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.695 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. 0.00 min

Lab File: VN061969.D

Acq: 19 Jun 2020 22:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 336573

Ion Ratio Lower Upper

91 100

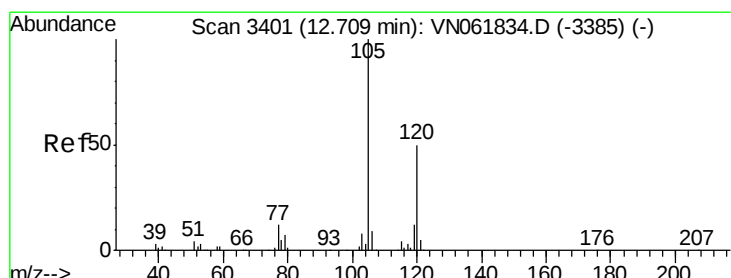
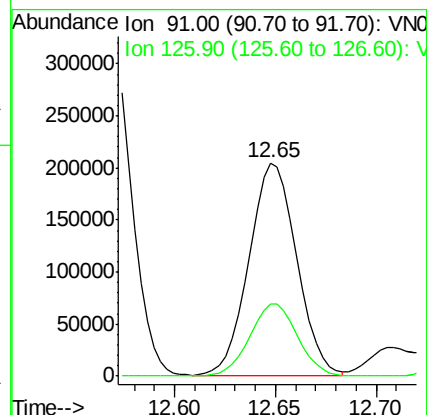
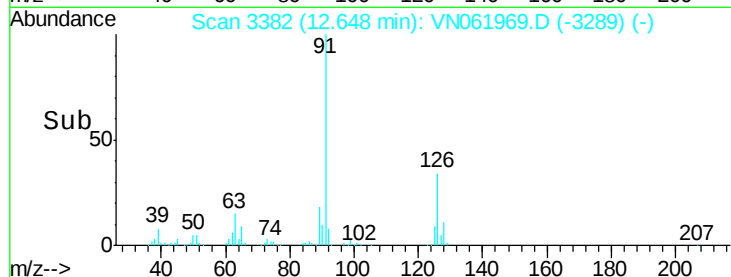
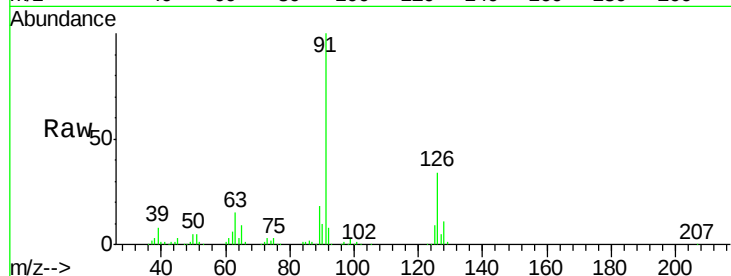
126 34.4 17.3 51.7

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#80

1,3,5-Trimethylbenzene

Concen: 53.289 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. 0.00 min

Lab File: VN061969.D

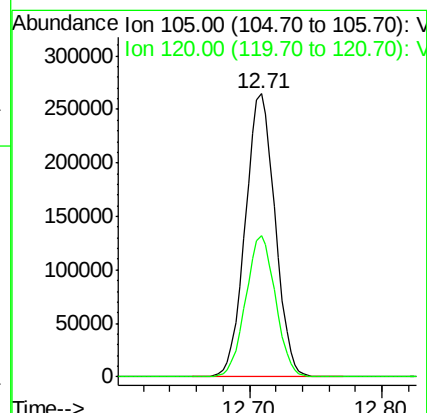
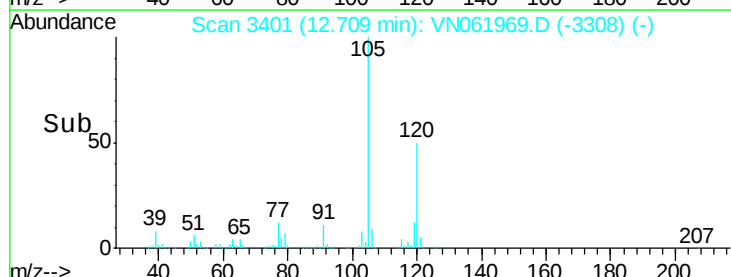
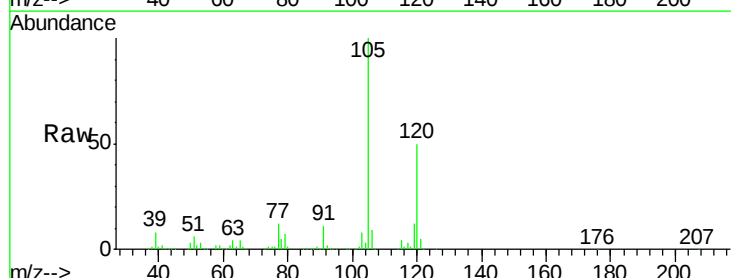
Acq: 19 Jun 2020 22:24

Tgt Ion: 105 Resp: 410898

Ion Ratio Lower Upper

105 100

120 50.0 24.9 74.7





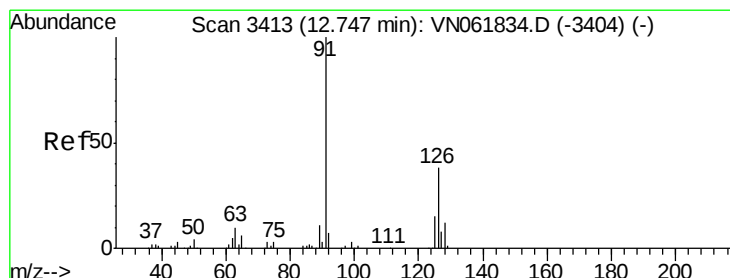
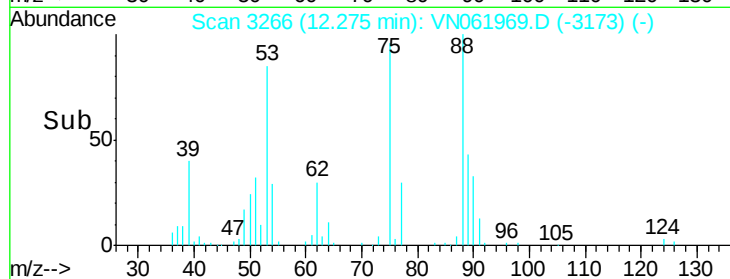
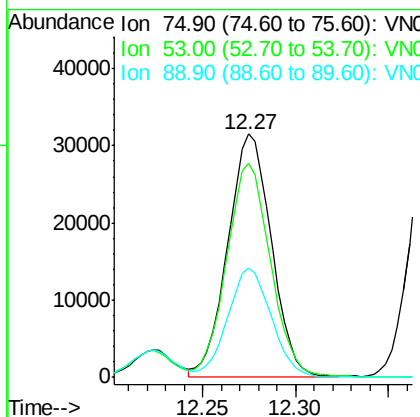
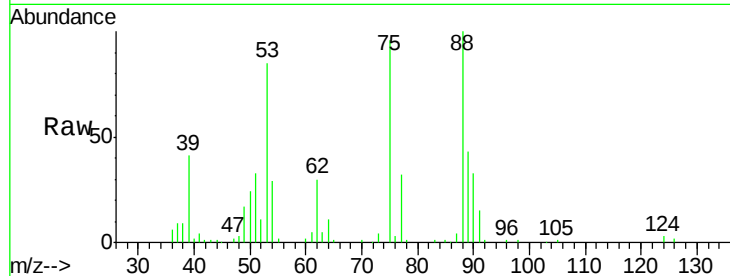
#81
trans-1,4-Dichloro-2-butene
Concen: 54.463 ug/l
RT: 12.27 min Scan# 3266
Delta R.T. 0.00 min
Lab File: VN061969.D
Acq: 19 Jun 2020 22:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	89.0	70.4	105.6
89	44.8	36.0	54.0

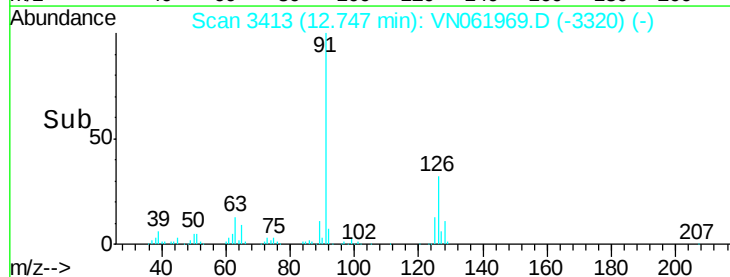
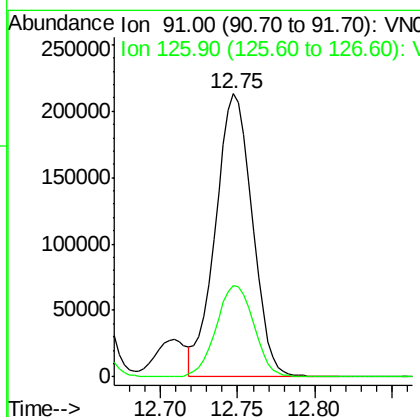
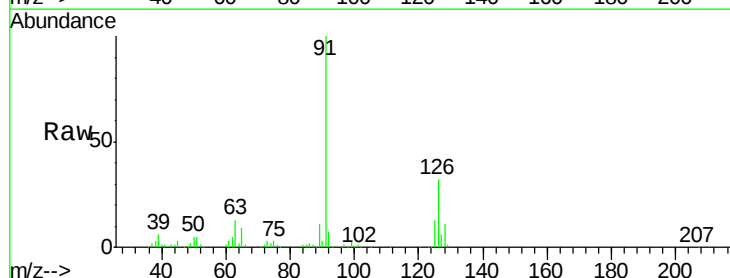
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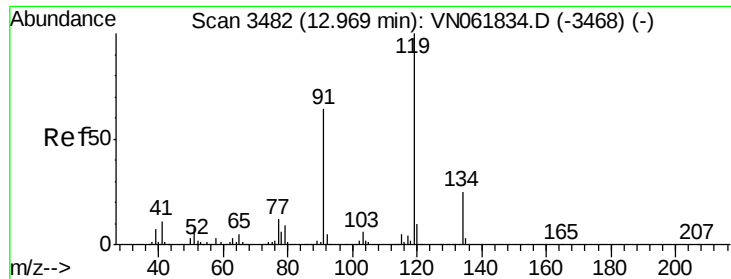
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#82
4-Chlorotoluene
Concen: 53.199 ug/l
RT: 12.75 min Scan# 3413
Delta R.T. 0.00 min
Lab File: VN061969.D
Acq: 19 Jun 2020 22:24

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.1	17.2	51.6





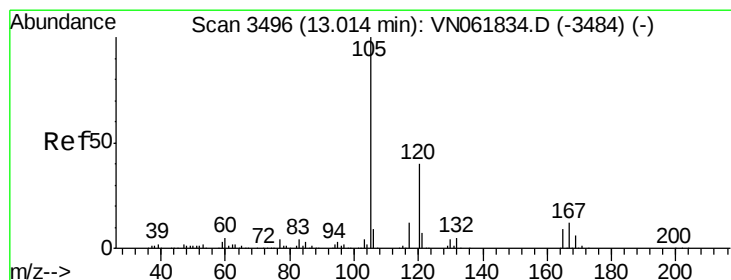
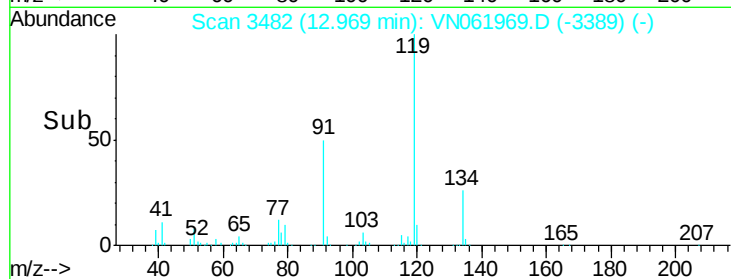
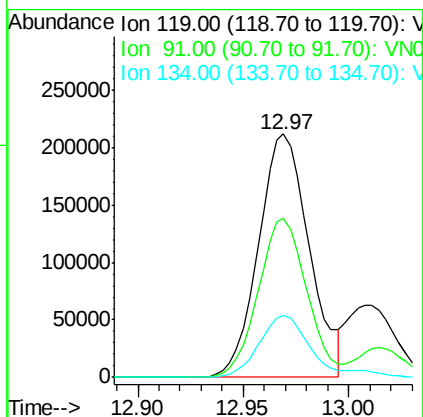
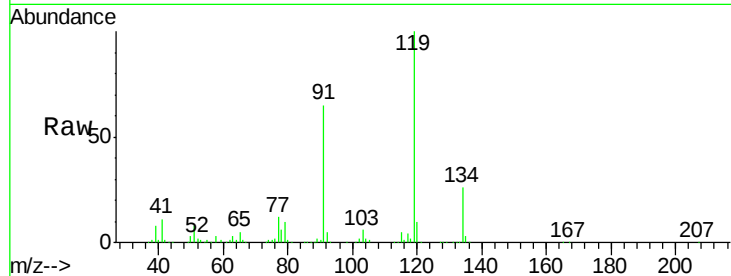
#83
tert-Butylbenzene
Concen: 54.205 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. 0.00 min
Lab File: VN061969.D
Acq: 19 Jun 2020 22:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	354338		
91	62.8		31.5	94.5
134	26.5		13.3	39.9

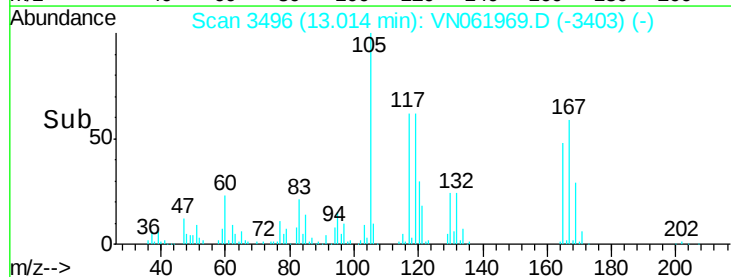
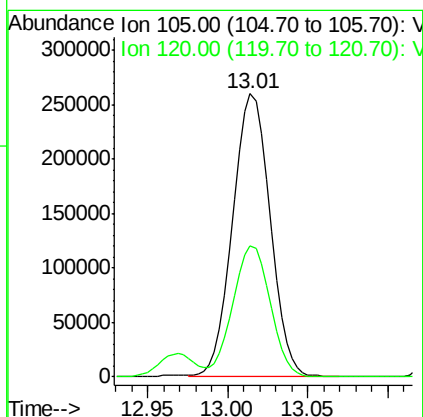
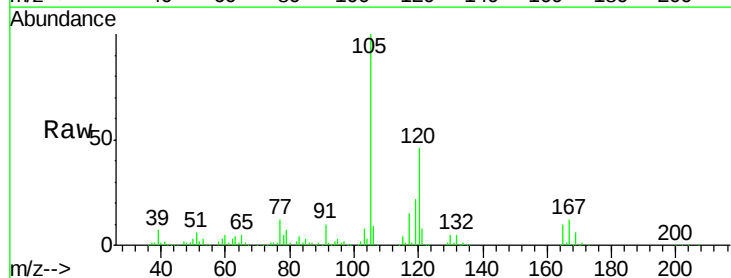
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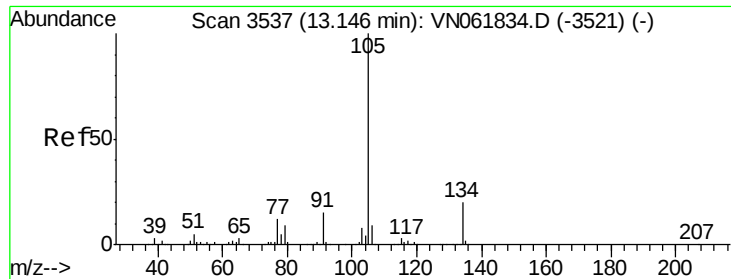
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#84
1,2,4-Trimethylbenzene
Concen: 54.286 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. 0.00 min
Lab File: VN061969.D
Acq: 19 Jun 2020 22:24

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	413201		
120	46.7		23.3	69.9





#85

sec-Butylbenzene

Concen: 54.693 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. 0.00 min

Lab File: VN061969.D

Acq: 19 Jun 2020 22:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 467963

Ion Ratio Lower Upper

105 100

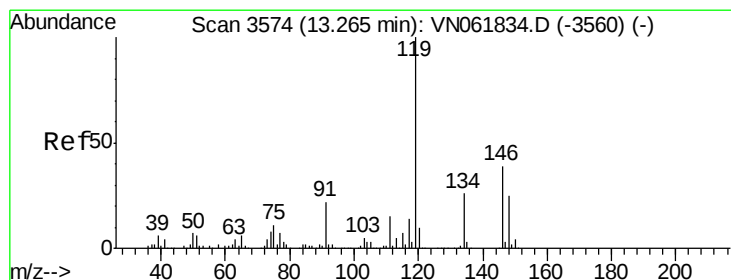
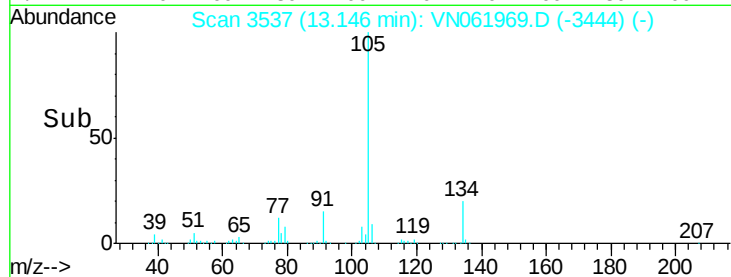
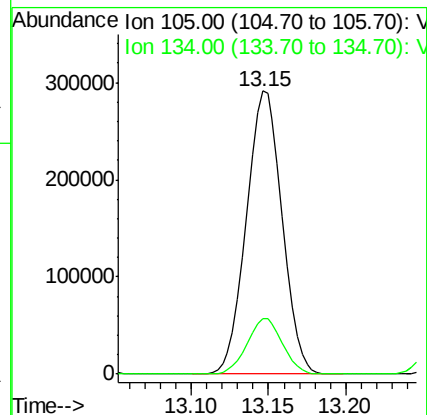
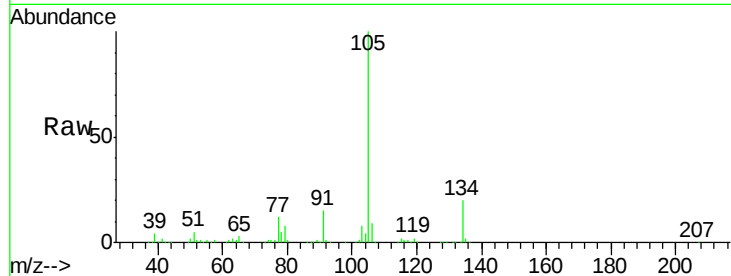
134 19.5 10.1 30.1

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#86

p-Isopropyltoluene

Concen: 54.652 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. 0.00 min

Lab File: VN061969.D

Acq: 19 Jun 2020 22:24

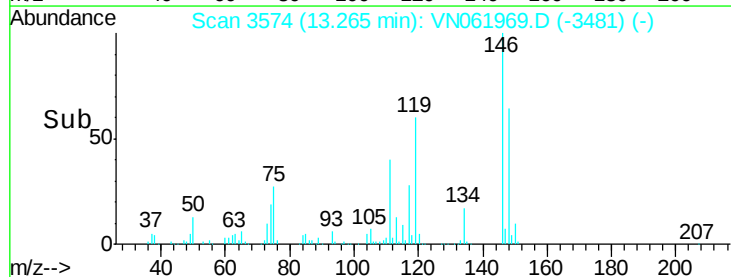
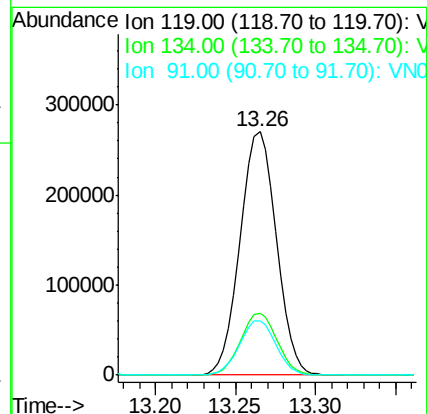
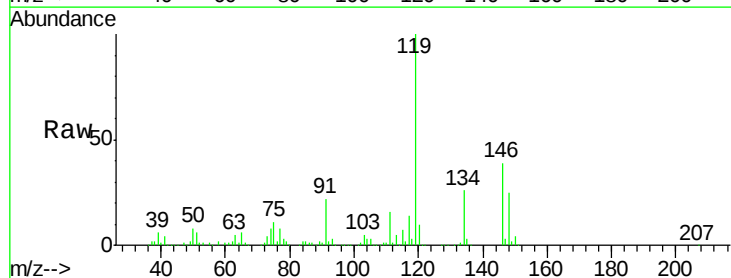
Tgt Ion:119 Resp: 416682

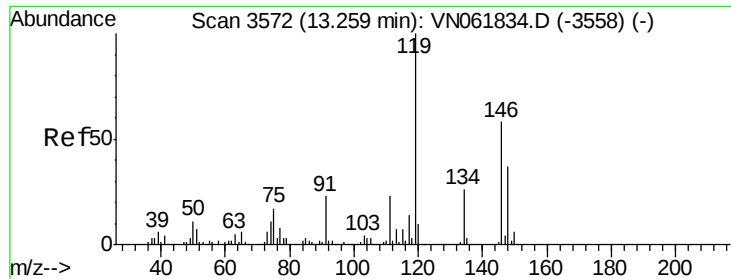
Ion Ratio Lower Upper

119 100

134 25.6 13.3 39.9

91 22.6 11.2 33.6





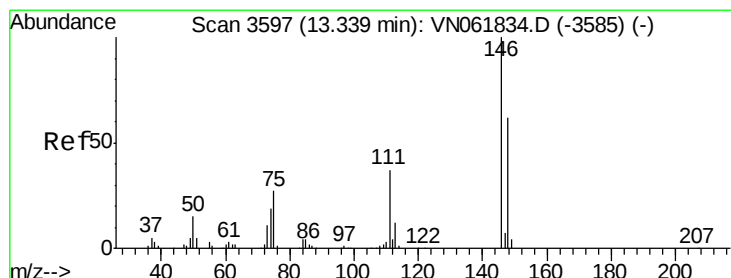
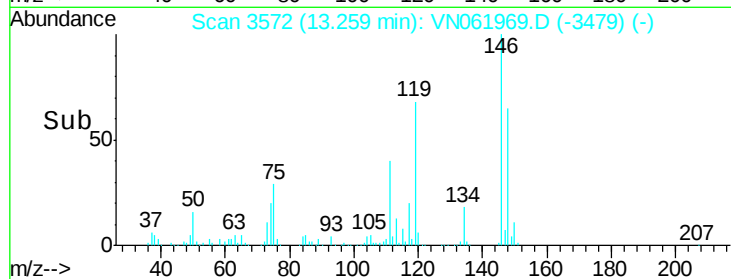
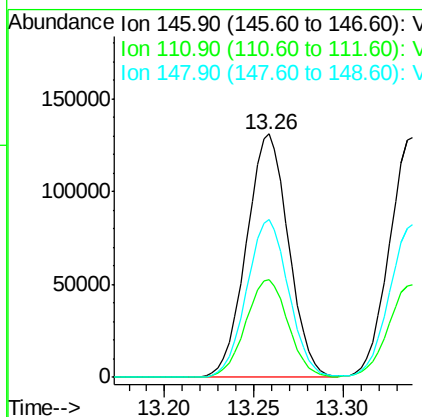
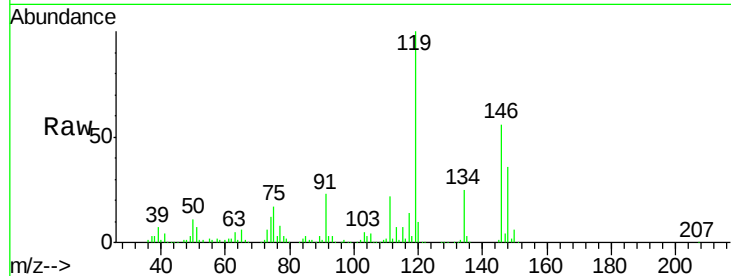
#87
 1,3-Dichlorobenzene
 Concen: 50.616 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VN061969.D
 Acq: 19 Jun 2020 22:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	217070		
111	40.3		19.6	58.8
148	64.3		31.8	95.4

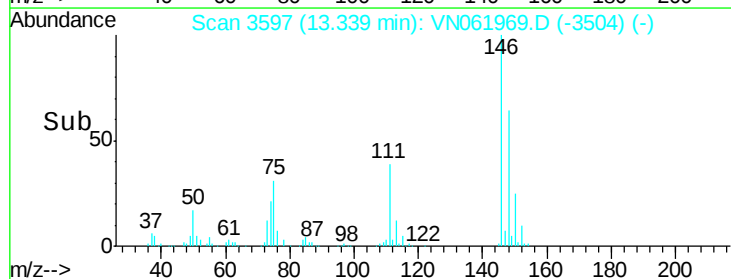
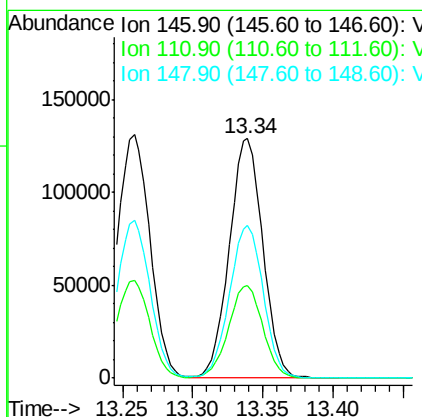
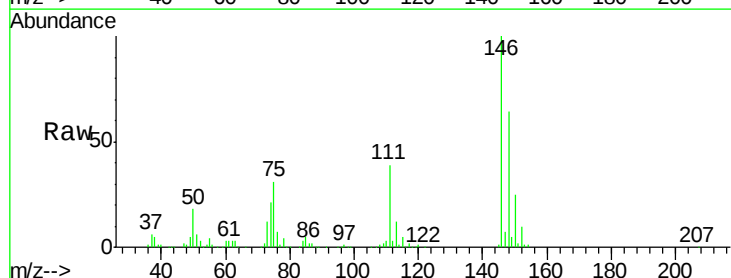
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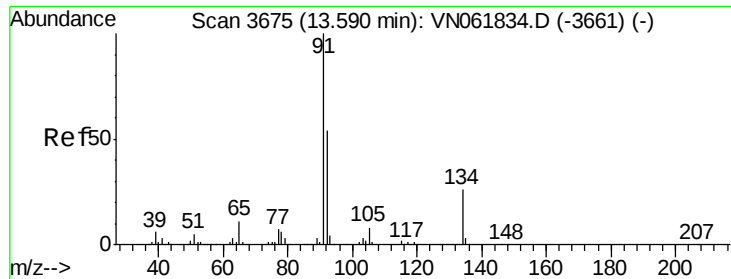
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#88
 1,4-Dichlorobenzene
 Concen: 48.942 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VN061969.D
 Acq: 19 Jun 2020 22:24

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	214846		
111	39.6		19.3	57.8
148	64.5		31.6	94.7





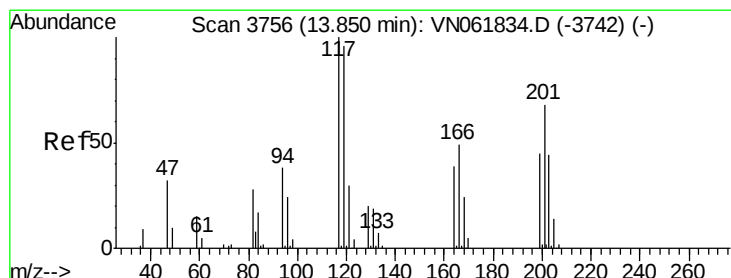
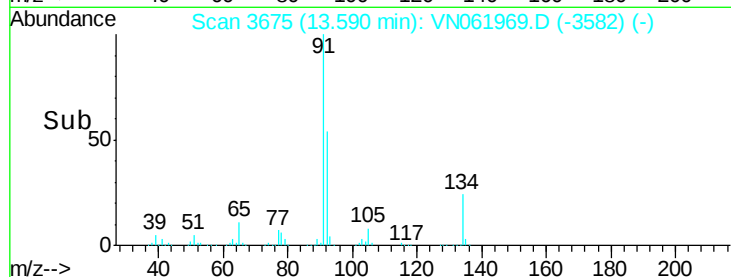
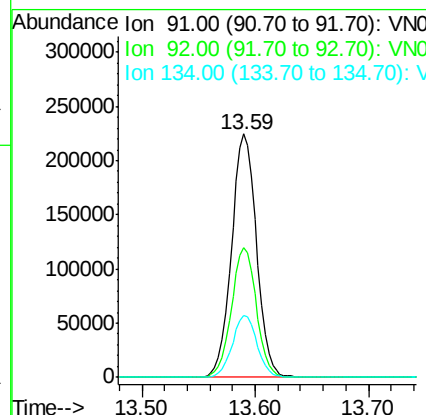
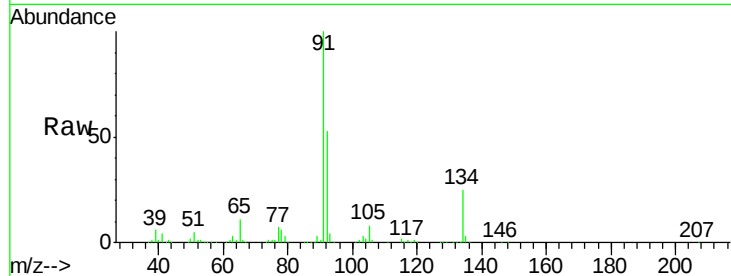
#89
n-Butylbenzene
Concen: 54.093 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. 0.00 min
Lab File: VN061969.D
Acq: 19 Jun 2020 22:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.2	27.0	80.8
134	25.2	13.0	39.0

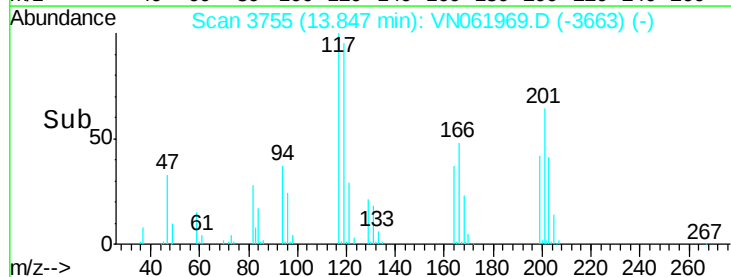
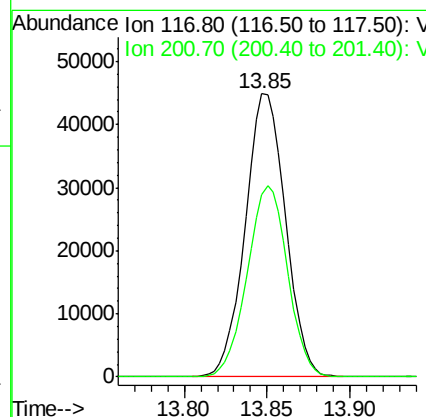
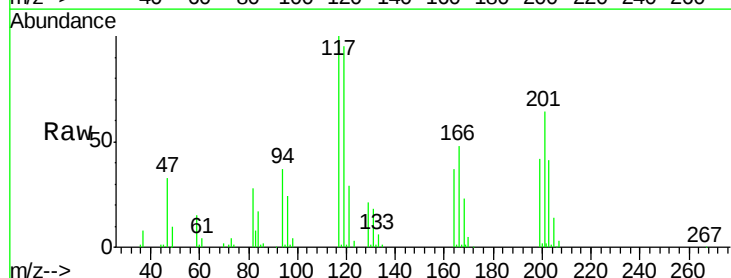
Manual Integrations
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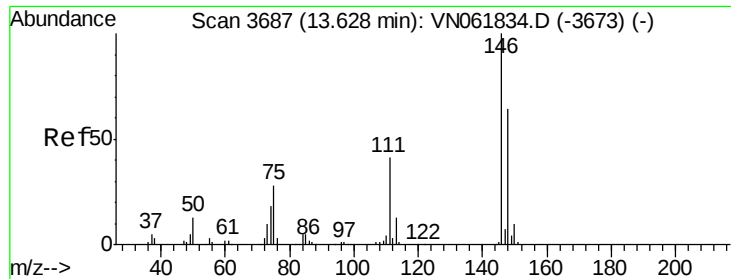
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#90
Hexachloroethane
Concen: 54.306 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN061969.D
Acq: 19 Jun 2020 22:24

Tgt Ion	Ratio	Lower	Upper
117	100		
201	67.5	34.6	103.8





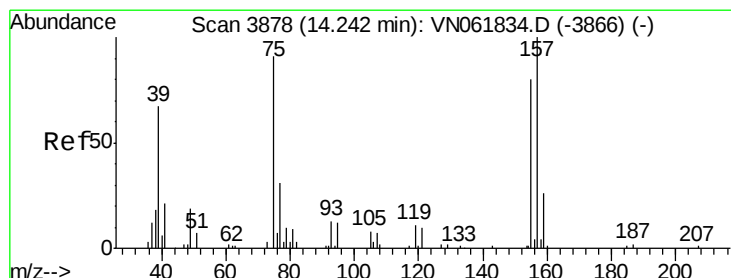
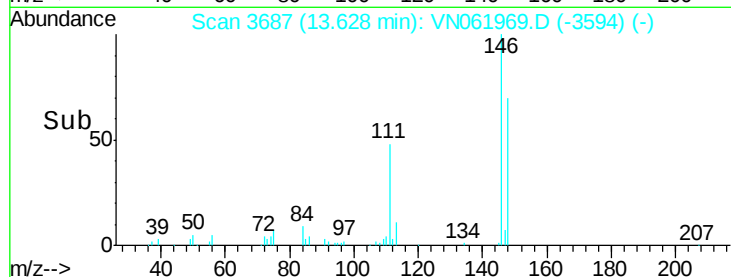
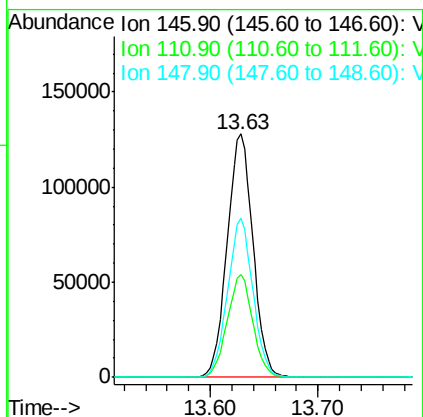
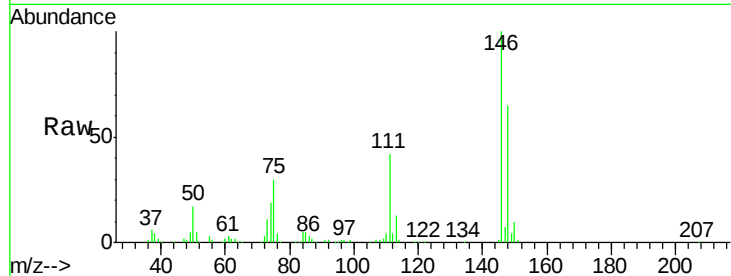
#91
 1,2-Dichlorobenzene
 Concen: 51.778 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN061969.D
 Acq: 19 Jun 2020 22:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.5	20.4	61.2
148	63.9	31.8	95.4

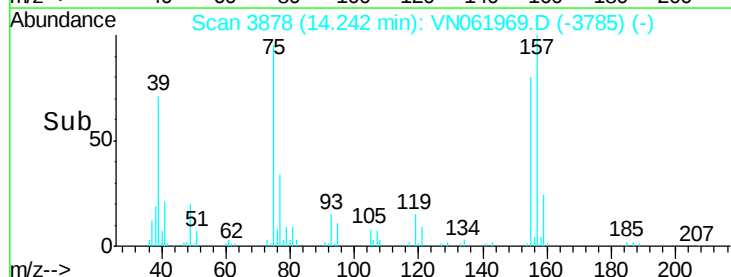
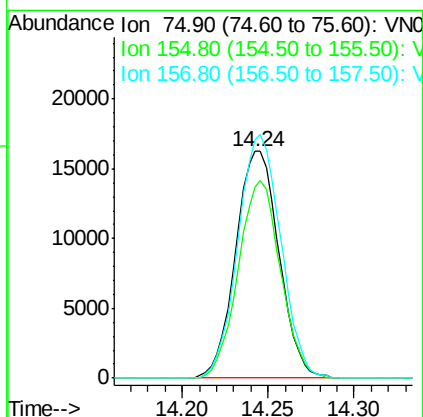
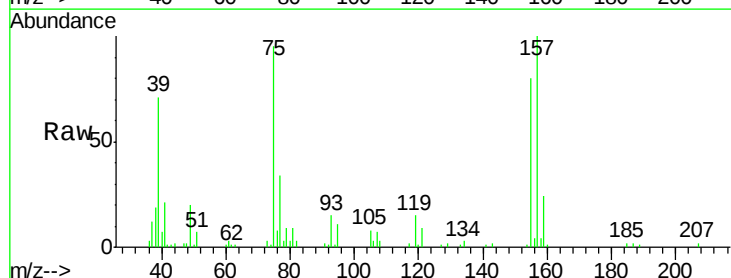
Manual Integrations
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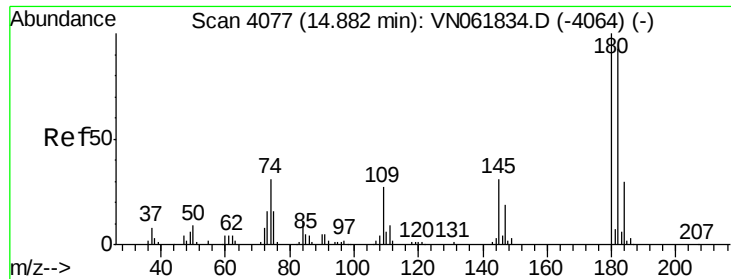
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 6/22/2020 10:30:02 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 57.863 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. 0.00 min
 Lab File: VN061969.D
 Acq: 19 Jun 2020 22:24

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.7	44.4	133.2
157	106.4	57.0	171.2





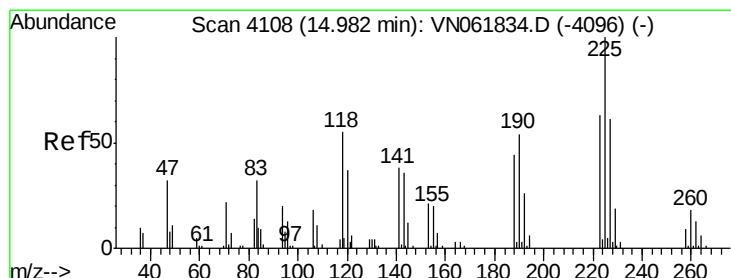
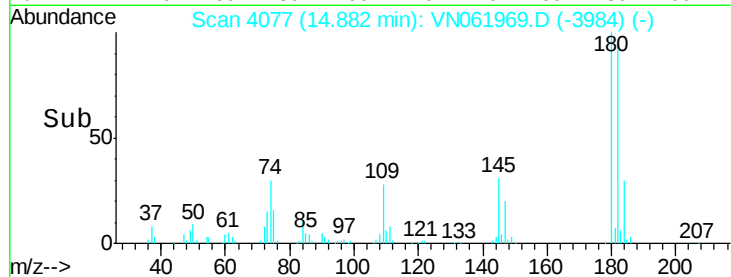
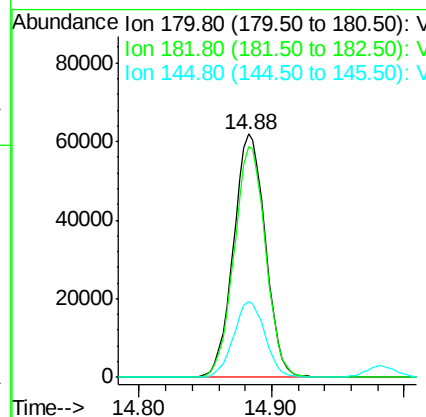
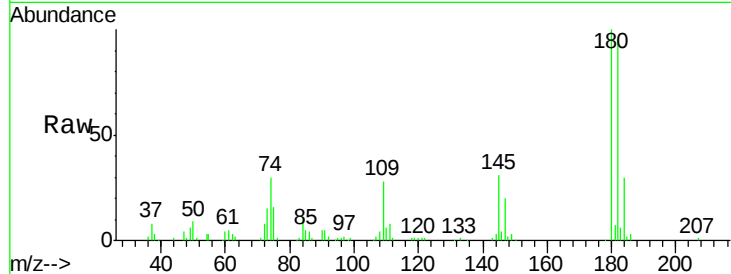
#93
 1,2,4-Trichlorobenzene
 Concen: 52.918 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN061969.D
 Acq: 19 Jun 2020 22:24

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	103095		
182	94.0	47.0	141.2	
145	30.7	15.8	47.3	

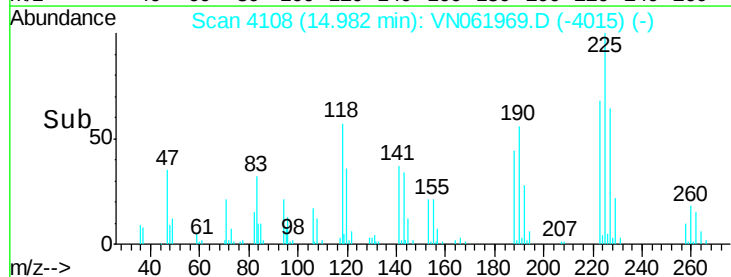
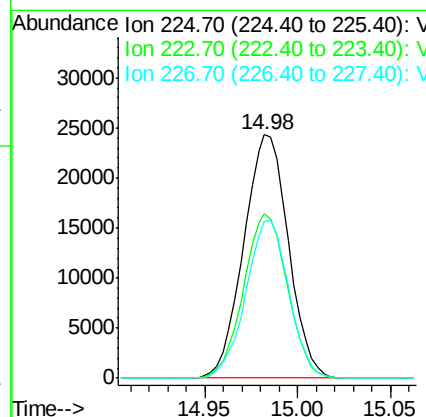
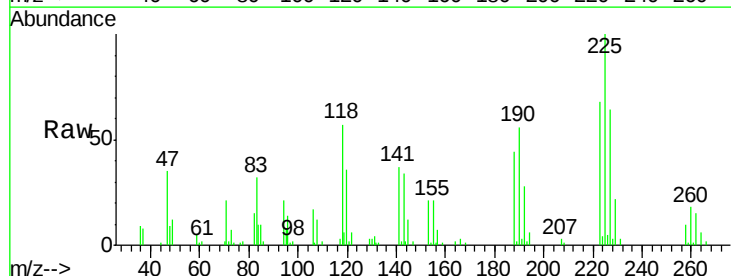
Manual Integrations
 APPROVED

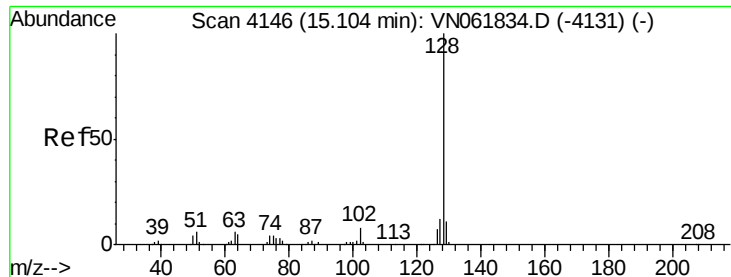
MMDadoda
 6/22/2020 10:30:02 AM



#94
 Hexachlorobutadiene
 Concen: 53.082 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. 0.00 min
 Lab File: VN061969.D
 Acq: 19 Jun 2020 22:24

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	40730		
223	66.1	31.7	95.1	
227	62.4	30.1	90.3	





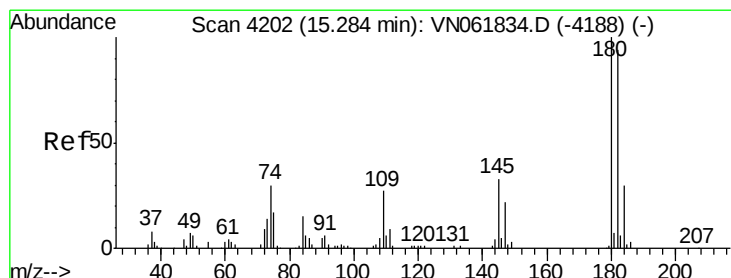
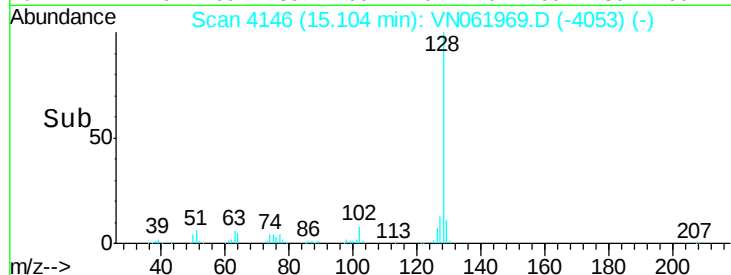
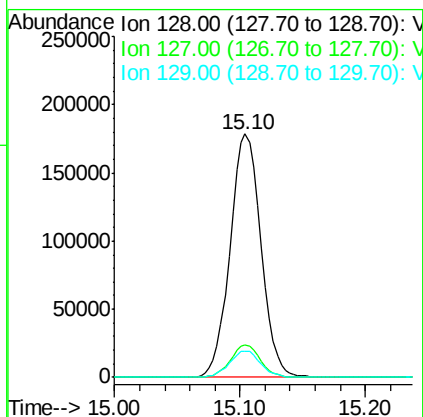
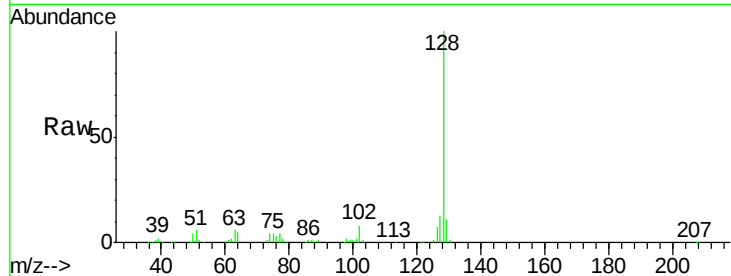
#95
Naphthalene
Concen: 47.118 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN061969.D
Acq: 19 Jun 2020 22:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100	305993		
127	12.9		10.3	15.5
129	10.8		8.6	13.0

Manual Integrations
APPROVED

MMDadoda
6/22/2020 10:30:02 AM



#96
1,2,3-Trichlorobenzene
Concen: 53.466 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. 0.00 min
Lab File: VN061969.D
Acq: 19 Jun 2020 22:24

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	103159		
182	94.3		47.9	143.6
145	32.5		16.5	49.5

