

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062320\
 Data File : VN062042.D
 Acq On : 23 Jun 2020 14:23
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/24/2020 10:59:11 AM

Quant Time: Jun 24 01:43:20 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	7.62	168	176755	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	302005	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	287984	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	139022	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	132054	55.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.42%	
35) Dibromofluoromethane	7.54	113	105992	54.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.72%	
50) Toluene-d8	10.06	98	426482	56.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.30%	
62) 4-Bromofluorobenzene	12.37	95	150875	57.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	98269	42.771	ug/l	96
3) Chloromethane	2.03	50	96303	39.252	ug/l	99
4) Vinyl Chloride	2.16	62	117730	40.252	ug/l	99
5) Bromomethane	2.52	94	76301	33.971	ug/l	100
6) Chloroethane	2.66	64	82179	41.516	ug/l	99
7) Trichlorofluoromethane	2.98	101	151087	43.246	ug/l	98
8) Diethyl Ether	3.37	74	57236	48.732	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.71	101	84310	47.039	ug/l	98
10) Methyl Iodide	3.91	142	82635	39.456	ug/l	99
11) Tert butyl alcohol	4.73	59	84392	257.265	ug/l	97
12) 1,1-Dichloroethene	3.69	96	78577	43.753	ug/l	96
13) Acrolein	3.56	56	25070	127.870	ug/l	98
14) Allyl chloride	4.27	41	117324	49.222	ug/l	99
15) Acrylonitrile	4.92	53	217762	267.910	ug/l	100
16) Acetone	3.77	43	224154	320.121	ug/l	96
17) Carbon Disulfide	4.00	76	186072	35.410	ug/l	100
18) Methyl Acetate	4.28	43	104558	51.866	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	295271	49.380	ug/l	100
20) Methylene Chloride	4.50	84	97389	42.690	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	88043	42.681	ug/l	99
22) Diisopropyl ether	5.90	45	275872	50.606	ug/l	97
23) Vinyl Acetate	5.84	43	1101597	256.932	ug/l	98
24) 1,1-Dichloroethane	5.79	63	169682	47.550	ug/l	99
25) 2-Butanone	6.78	43	293111	286.909	ug/l	100
26) 2,2-Dichloropropane	6.77	77	148960	49.615	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	109264	45.906	ug/l	98
28) Bromochloromethane	7.15	49	98125	61.757	ug/l	91
29) Tetrahydrofuran	7.16	42	176805	262.972	ug/l	97
30) Chloroform	7.33	83	174343	45.713	ug/l	99
31) Cyclohexane	7.61	56	128776	41.222	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	143531	44.191	ug/l	98
36) 1,1-Dichloropropene	7.75	75	124630	45.244	ug/l	99
37) Ethyl Acetate	6.88	43	116231	54.034	ug/l	98
38) Carbon Tetrachloride	7.73	117	119672	43.871	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	135927	45.826	ug/l	99
40) Benzene	8.00	78	386626	46.334	ug/l	99
41) Methacrylonitrile	7.12	41	50505	54.907	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	137502	48.328	ug/l	98
43) Isopropyl Acetate	8.12	43	193773	53.453	ug/l	98
44) Trichloroethene	8.80	130	97763	44.518	ug/l	97
45) 1,2-Dichloropropane	9.08	63	103459	50.452	ug/l	100
46) Dibromomethane	9.17	93	67415	46.685	ug/l	98
47) Bromodichloromethane	9.37	83	143539	48.544	ug/l	100
48) Methyl methacrylate	9.16	41	85861	52.083	ug/l	97
49) 1,4-Dioxane	9.17	88	38749	1023.778	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	580398	270.936	ug/l	100
52) Toluene	10.12	92	248411	47.402	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	161538	51.462	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	173006	50.744	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	102874	49.893	ug/l	98
56) Ethyl methacrylate	10.40	69	148215	47.231	ug/l	96
57) 1,3-Dichloropropane	10.68	76	173675	49.719	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	327231	300.712	ug/l	98
59) 2-Hexanone	10.72	43	440781	257.147	ug/l	100
60) Dibromochloromethane	10.87	129	110266	47.926	ug/l	100
61) 1,2-Dibromoethane	10.98	107	102241	47.487	ug/l	99
64) Tetrachloroethene	10.60	164	78228	42.619	ug/l	98
65) Chlorobenzene	11.40	112	270246	44.472	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	98035	46.257	ug/l	98
67) Ethyl Benzene	11.48	91	481568	47.266	ug/l	99
68) m/p-Xylenes	11.59	106	366884	93.386	ug/l	98
69) o-Xylene	11.92	106	178543	47.630	ug/l	98
70) Styrene	11.94	104	302194	48.147	ug/l	99
71) Bromoform	12.10	173	71780	46.450	ug/l #	99
73) Isopropylbenzene	12.22	105	470790	47.655	ug/l	100
74) N-amyl acetate	12.04	43	174526	48.857	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	153766	47.874	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	136109m	49.869	ug/l	
77) Bromobenzene	12.50	156	112887	45.293	ug/l	95
78) n-propylbenzene	12.56	91	548153	48.628	ug/l	99
79) 2-Chlorotoluene	12.65	91	323157	47.732	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	389498	47.656	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	50776	50.740	ug/l	96
82) 4-Chlorotoluene	12.75	91	333746	47.708	ug/l	98
83) tert-Butylbenzene	12.97	119	325197	46.933	ug/l	97
84) 1,2,4-Trimethylbenzene	13.01	105	386375	47.890	ug/l	99
85) sec-Butylbenzene	13.15	105	448338	49.435	ug/l	99
86) p-Isopropyltoluene	13.26	119	396705	49.089	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	206095	45.338	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	201947	43.401	ug/l	98
89) n-Butylbenzene	13.59	91	336666	49.883	ug/l	99
90) Hexachloroethane	13.85	117	73023	49.363	ug/l	94
91) 1,2-Dichlorobenzene	13.63	146	199057	45.486	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	26176	50.200	ug/l	90

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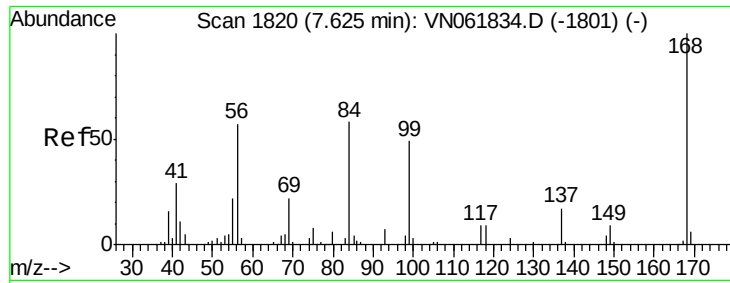
Manual Integrations
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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	96654	46.805	ug/l	99
94) Hexachlorobutadiene	14.98	225	40143	49.357	ug/l	96
95) Naphthalene	15.10	128	284009	41.692	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	97571	47.709	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN062042.D

Acq: 23 Jun 2020 14:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 176755

Ion Ratio Lower Upper

168 100

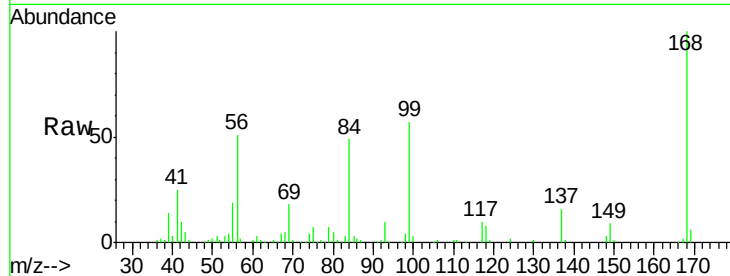
99 57.2 44.6 67.0

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

80000

60000

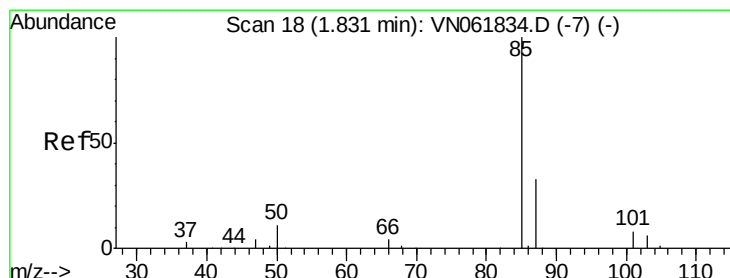
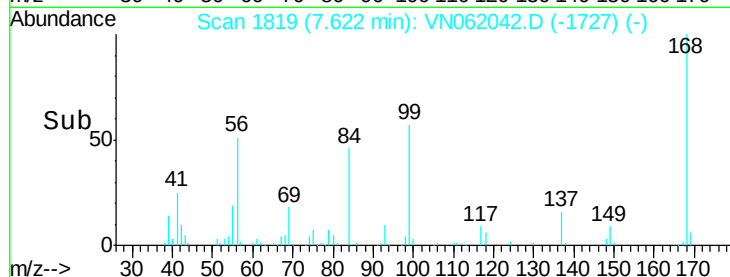
40000

20000

0

7.50 7.55 7.60 7.65 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 42.771 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN062042.D

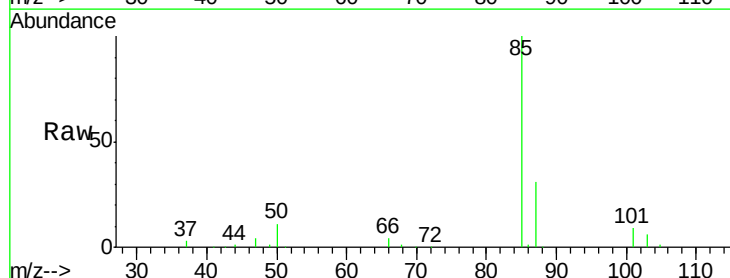
Acq: 23 Jun 2020 14:23

Tgt Ion: 85 Resp: 98269

Ion Ratio Lower Upper

85 100

87 31.1 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

80000

60000

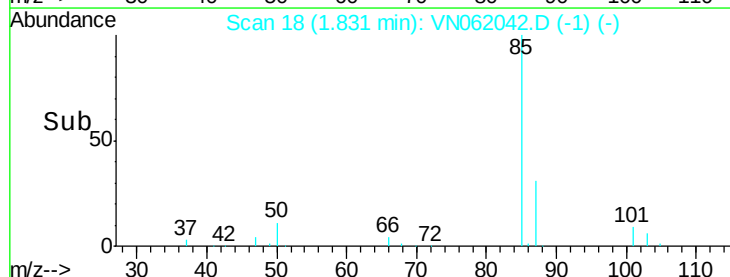
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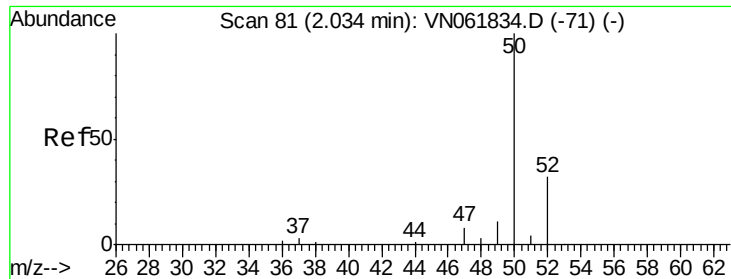
20000

0

1.75 1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 39.252 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN062042.D

Acq: 23 Jun 2020 14:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 96303

Ion Ratio Lower Upper

50 100

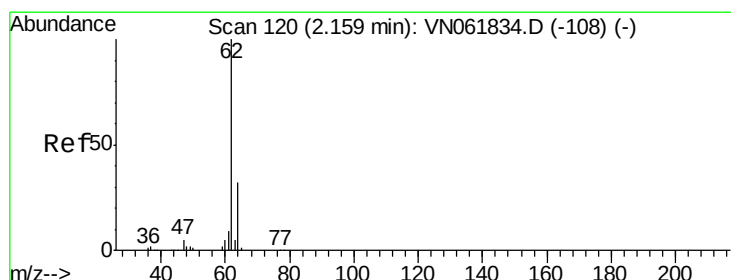
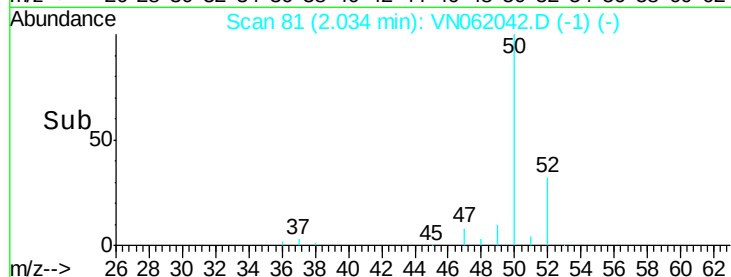
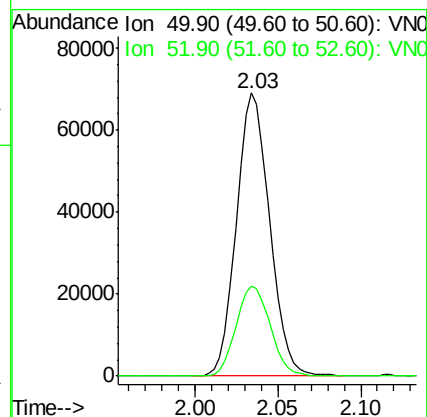
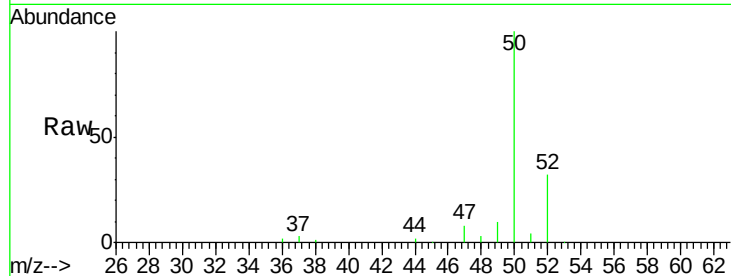
52 31.7 26.0 39.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 40.252 ug/l

RT: 2.16 min Scan# 119

Delta R.T. -0.00 min

Lab File: VN062042.D

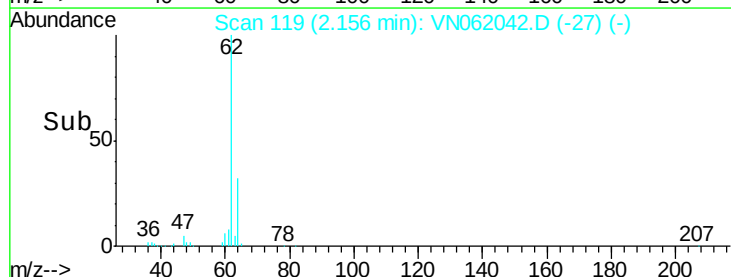
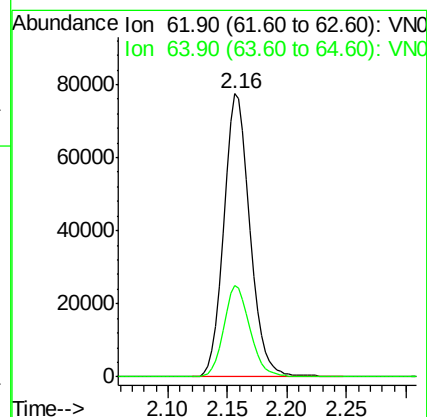
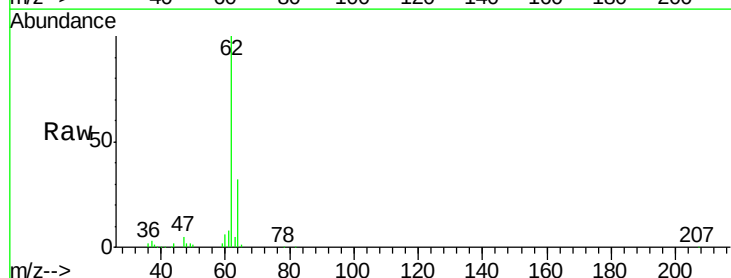
Acq: 23 Jun 2020 14:23

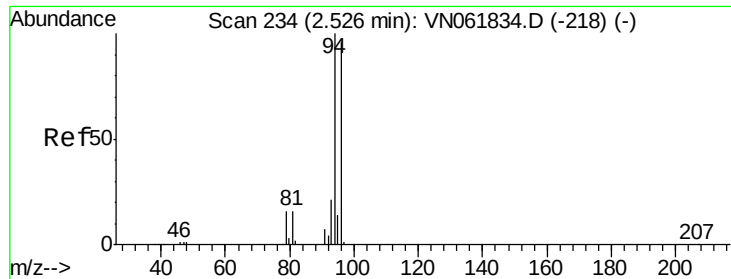
Tgt Ion: 62 Resp: 117730

Ion Ratio Lower Upper

62 100

64 32.3 25.5 38.3





#5

Bromomethane

Concen: 33.971 ug/l

RT: 2.52 min Scan# 233

Delta R.T. -0.00 min

Lab File: VN062042.D

Acq: 23 Jun 2020 14:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 76301

Ion Ratio Lower Upper

94 100

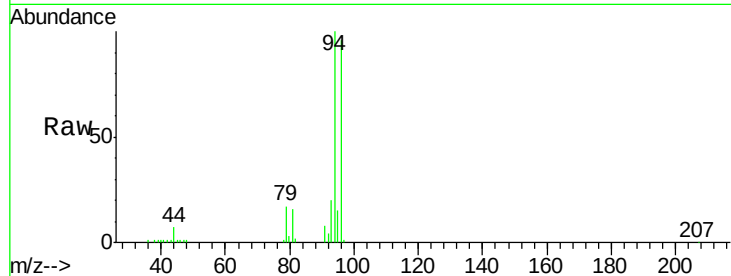
96 95.5 76.7 115.1

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.52

40000

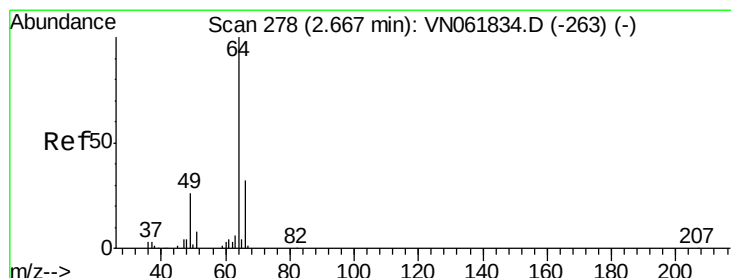
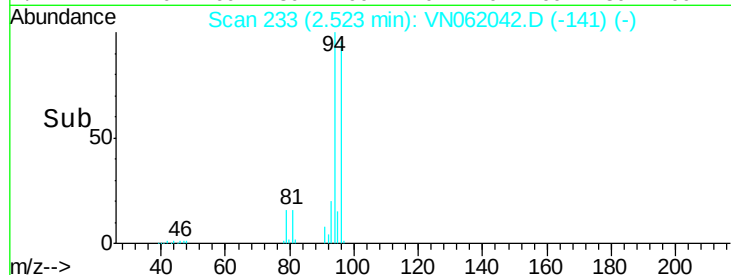
30000

20000

10000

0

Time-->



#6

Chloroethane

Concen: 41.516 ug/l

RT: 2.66 min Scan# 277

Delta R.T. -0.00 min

Lab File: VN062042.D

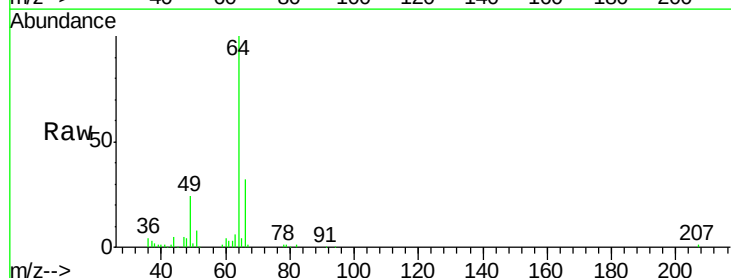
Acq: 23 Jun 2020 14:23

Tgt Ion: 64 Resp: 82179

Ion Ratio Lower Upper

64 100

66 32.5 25.4 38.2



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.66

40000

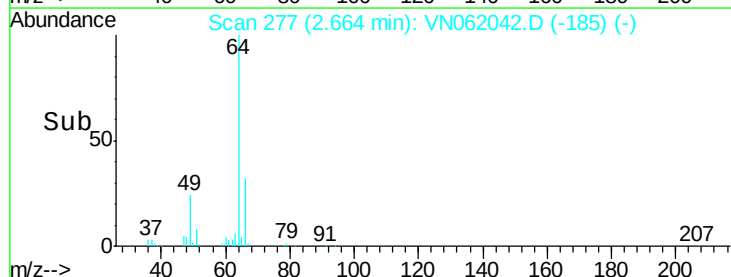
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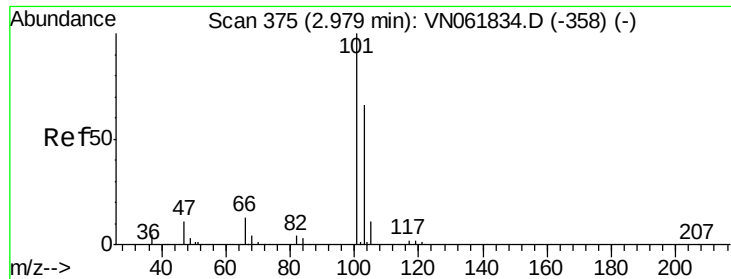
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10000

0

Time-->





#7

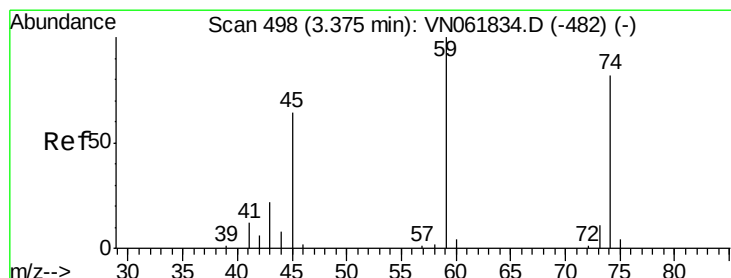
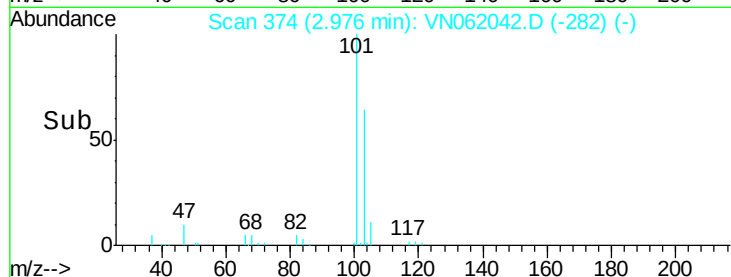
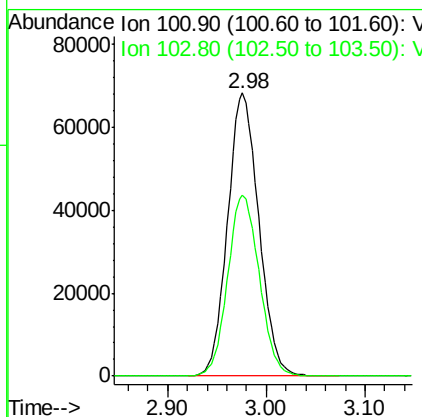
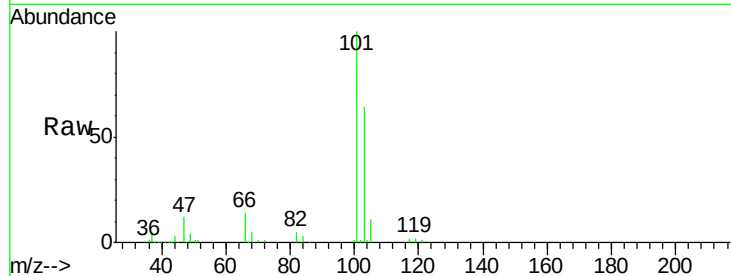
Trichlorofluoromethane
Concen: 43.246 ug/l
RT: 2.98 min Scan# 374
Delta R.T. -0.00 min
Lab File: VN062042.D
Acq: 23 Jun 2020 14:23

Instrument :
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ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.1	52.8	79.2

Manual Integrations
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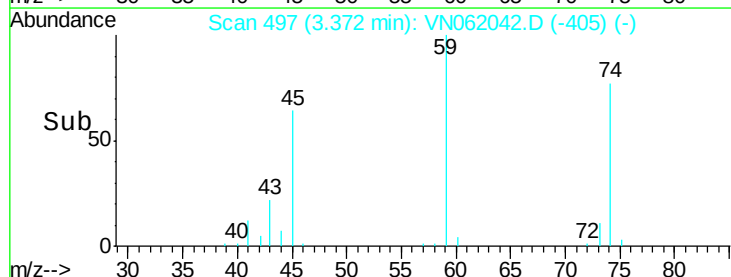
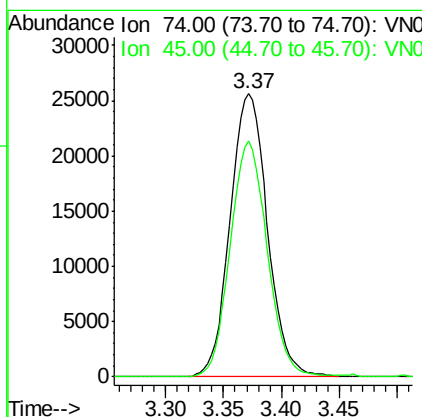
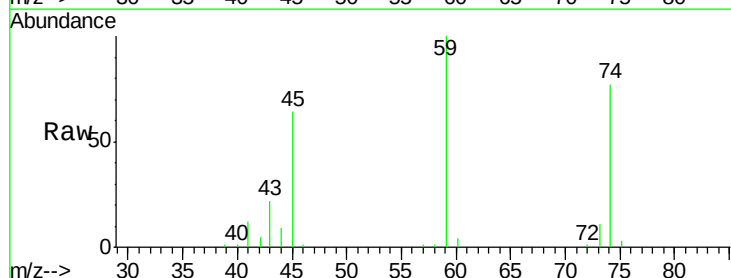
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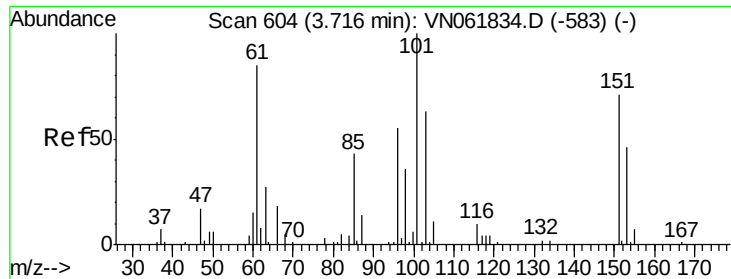


#8

Diethyl Ether
Concen: 48.732 ug/l
RT: 3.37 min Scan# 497
Delta R.T. -0.00 min
Lab File: VN062042.D
Acq: 23 Jun 2020 14:23

Tgt Ion	Ratio	Lower	Upper
74	100		
45	82.5	39.1	117.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.039 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.00 min

Lab File: VN062042.D

Acq: 23 Jun 2020 14:23

Instrument :

MSVOA_N

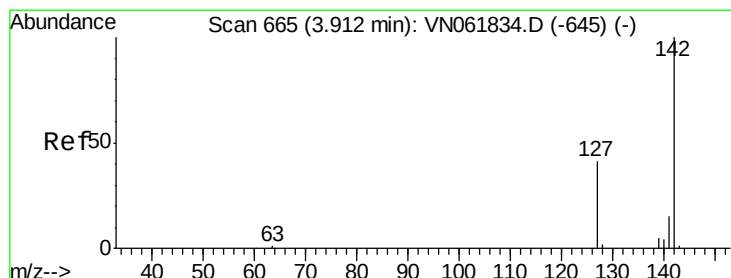
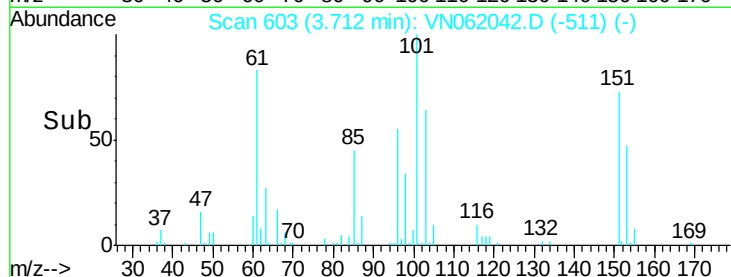
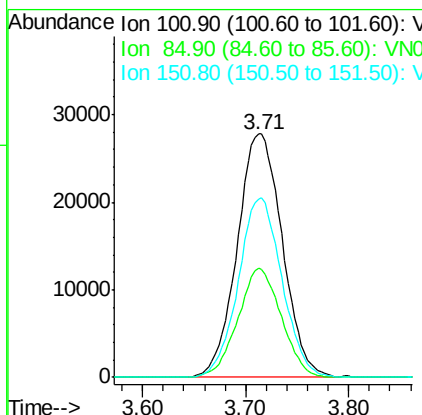
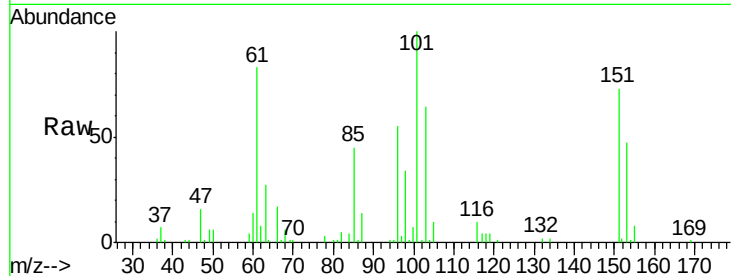
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	84310
Ion Ratio	Lower	Upper	
101	100		
85	43.0	35.0	52.6
151	71.6	59.2	88.8

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#10

Methyl Iodide

Concen: 39.456 ug/l

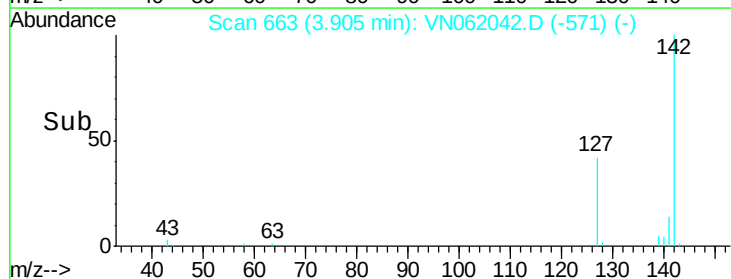
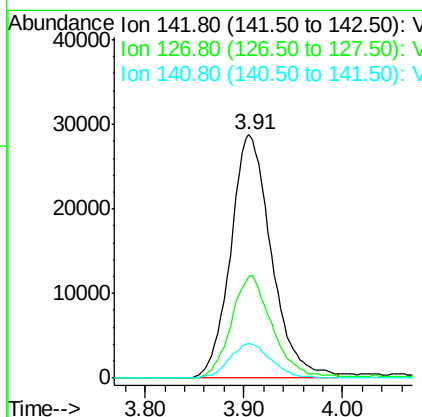
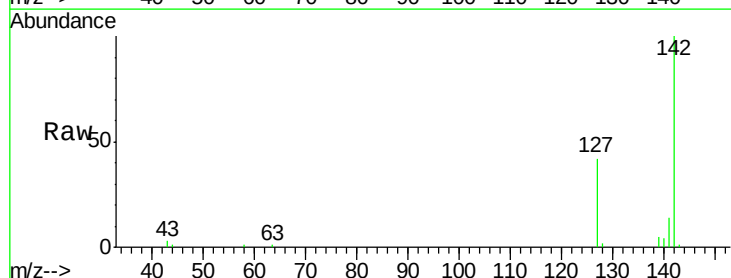
RT: 3.91 min Scan# 663

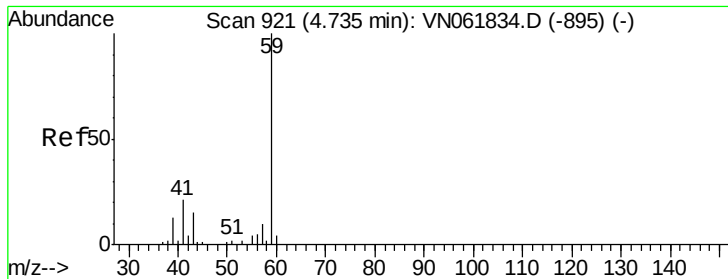
Delta R.T. -0.01 min

Lab File: VN062042.D

Acq: 23 Jun 2020 14:23

Tgt Ion:	142	Resp:	82635
Ion Ratio	Lower	Upper	
142	100		
127	42.3	33.4	50.0
141	14.4	11.3	16.9





#11

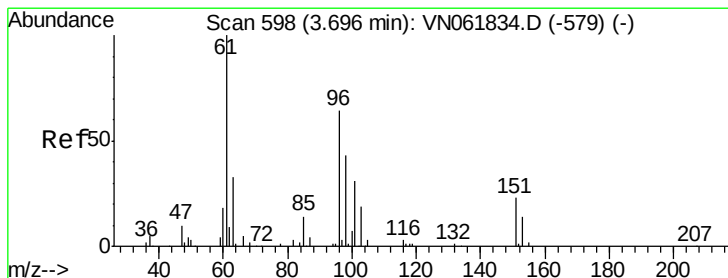
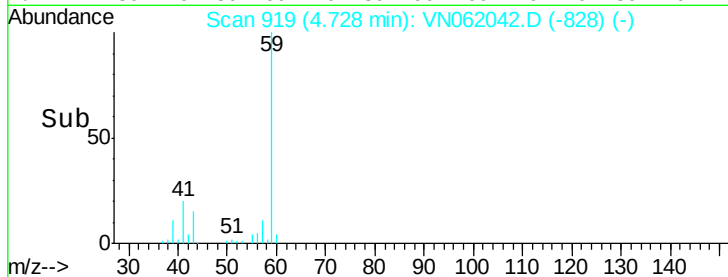
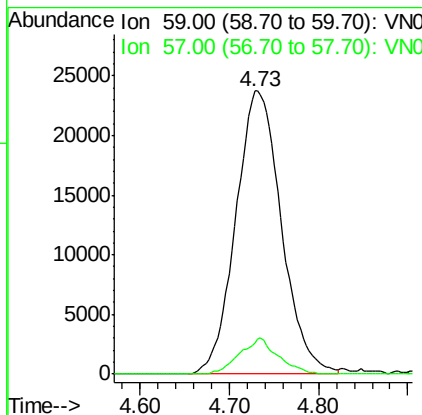
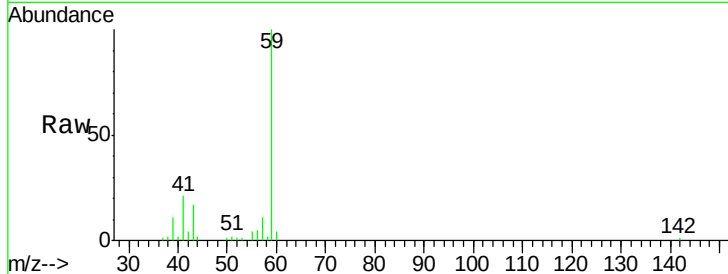
Tert butyl alcohol
Concen: 257.265 ug/l
RT: 4.73 min Scan# 919
Delta R.T. -0.01 min
Lab File: VN062042.D
Acq: 23 Jun 2020 14:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 59 Resp: 84392
Ion Ratio Lower Upper
59 100
57 10.6 7.7 11.5

Manual Integrations
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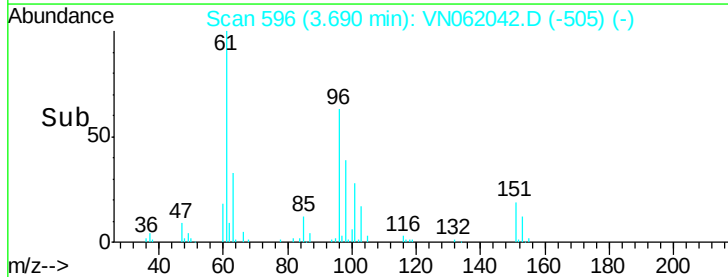
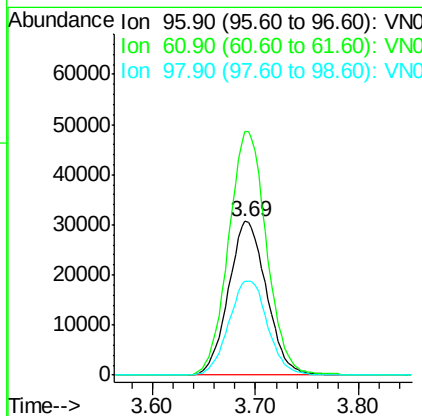
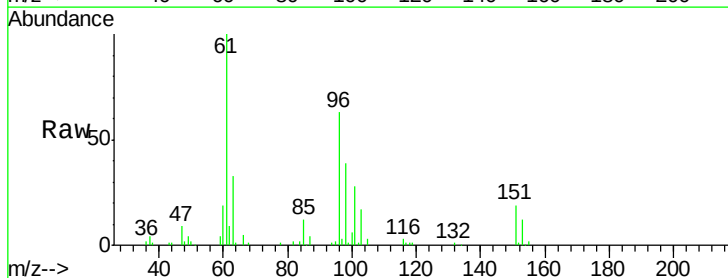
MMDadoda
6/24/2020 10:59:11 AM

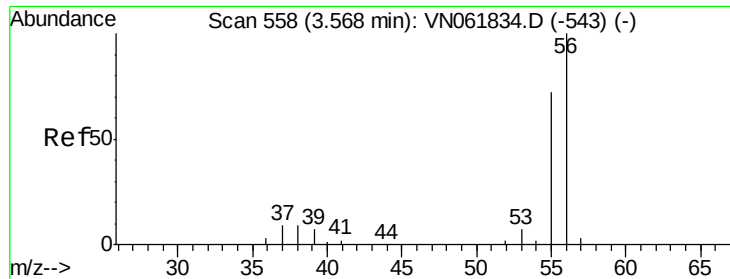


#12

1,1-Dichloroethene
Concen: 43.753 ug/l
RT: 3.69 min Scan# 596
Delta R.T. -0.01 min
Lab File: VN062042.D
Acq: 23 Jun 2020 14:23

Tgt Ion: 96 Resp: 78577
Ion Ratio Lower Upper
96 100
61 158.5 124.3 186.5
98 61.4 53.1 79.7





#13

Acrolein

Concen: 127.870 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN062042.D

Acq: 23 Jun 2020 14:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 25070

Ion Ratio Lower Upper

56 100

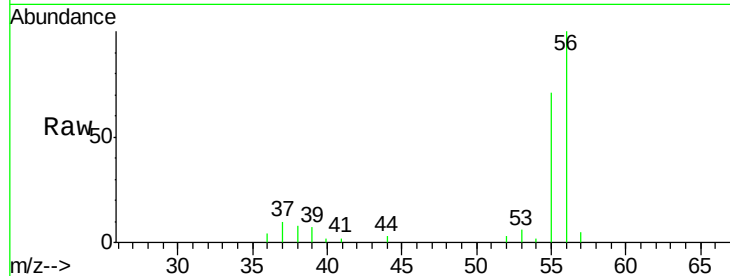
55 71.7 56.2 84.4

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Abundance Ion 56.00 (55.70 to 56.70): VN061834.D (-543) (-)

Ion 55.00 (54.70 to 55.70): VN061834.D (-543) (-)

12000

10000

8000

6000

4000

2000

0

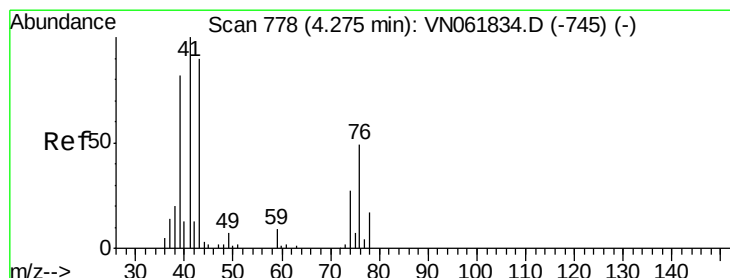
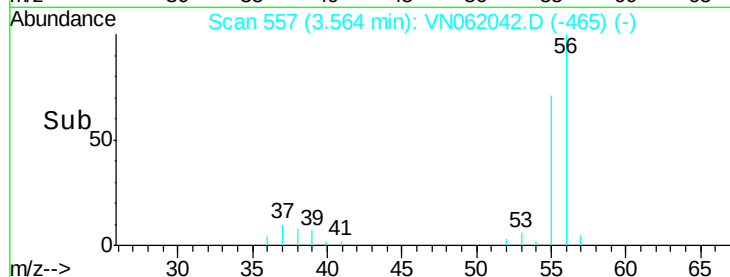
Time-->

3.50

3.56

3.60

3.70



#14

Allyl chloride

Concen: 49.222 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN062042.D

Acq: 23 Jun 2020 14:23

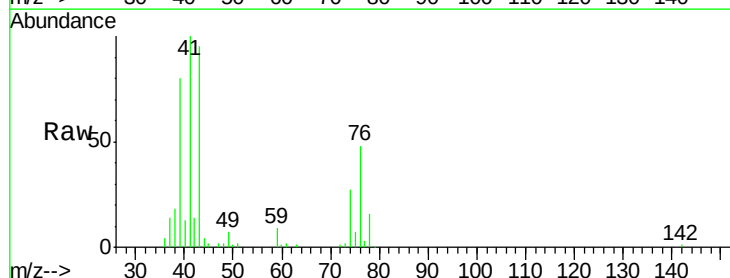
Tgt Ion: 41 Resp: 117324

Ion Ratio Lower Upper

41 100

39 75.3 60.2 90.2

76 43.3 36.3 54.5



Abundance Ion 41.00 (40.70 to 41.70): VN061834.D (-745) (-)

Ion 39.00 (38.70 to 39.70): VN061834.D (-745) (-)

Ion 75.90 (75.60 to 76.60): VN061834.D (-745) (-)

50000

40000

30000

20000

10000

0

Time-->

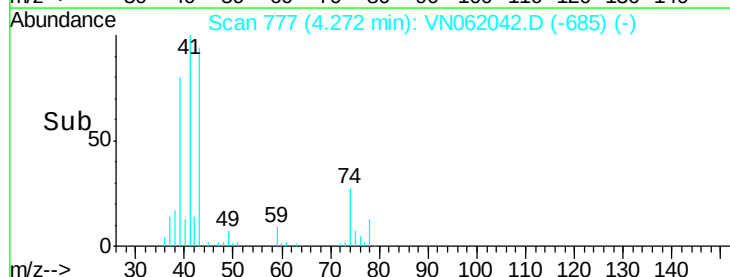
4.10

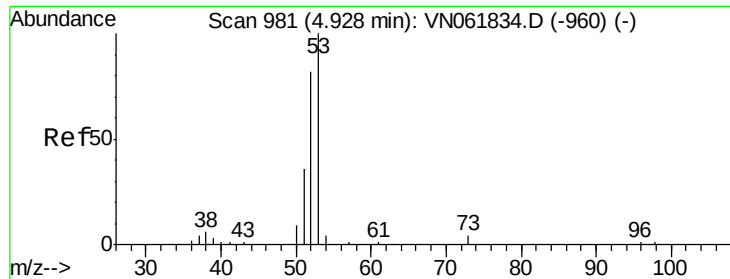
4.20

4.27

4.30

4.40





#15

Acrylonitrile

Concen: 267.910 ug/l

RT: 4.92 min Scan# 980

Delta R.T. -0.00 min

Lab File: VN062042.D

Acq: 23 Jun 2020 14:23

Instrument :

MSVOA_N

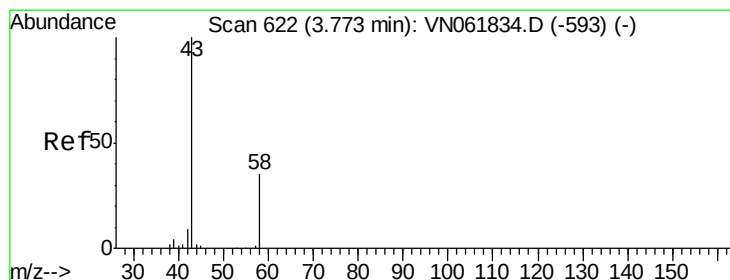
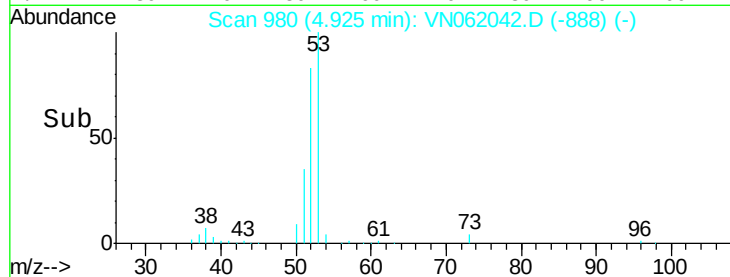
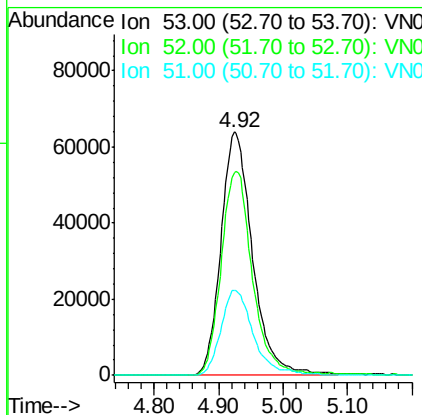
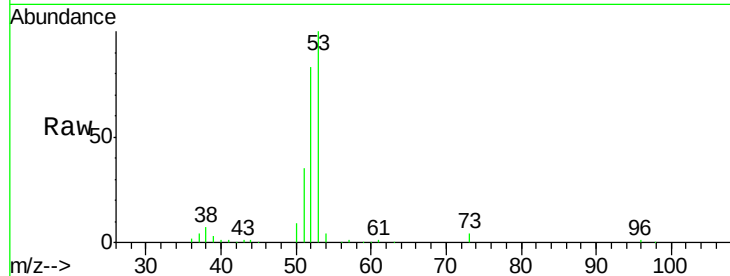
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	217762
Ion	Ratio	Lower	Upper
53	100		
52	81.8	65.2	97.8
51	36.2	29.3	43.9

Manual Integrations
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#16

Acetone

Concen: 320.121 ug/l

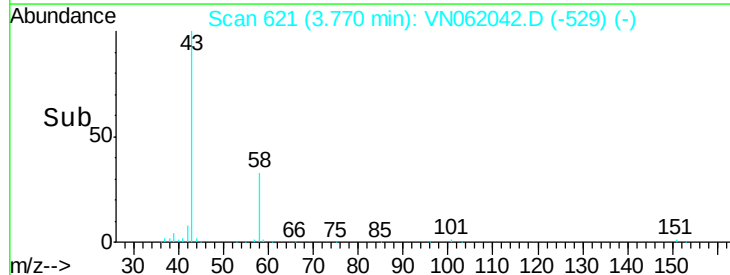
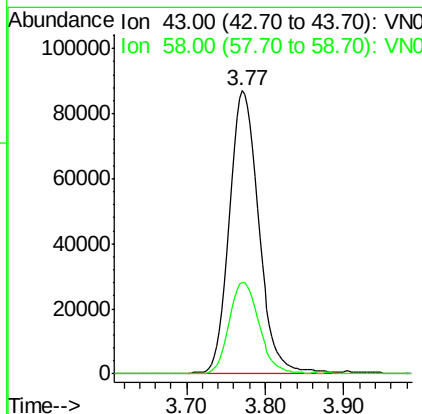
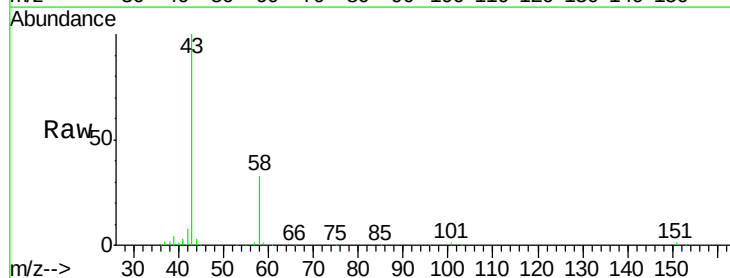
RT: 3.77 min Scan# 621

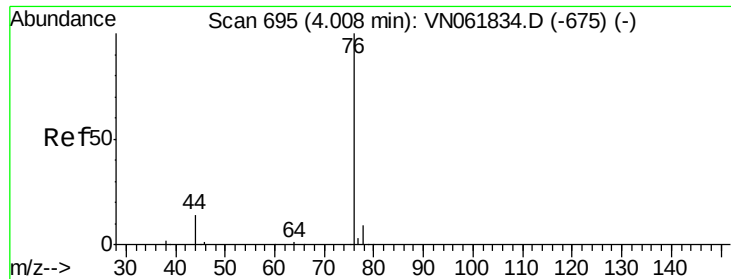
Delta R.T. -0.00 min

Lab File: VN062042.D

Acq: 23 Jun 2020 14:23

Tgt Ion:	43	Resp:	224154
Ion	Ratio	Lower	Upper
43	100		
58	32.6	27.8	41.8





#17

Carbon Disulfide

Concen: 35.410 ug/l

RT: 4.00 min Scan# 694

Delta R.T. -0.00 min

Lab File: VN062042.D

Acq: 23 Jun 2020 14:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 186072

Ion Ratio Lower Upper

76 100

78 9.0

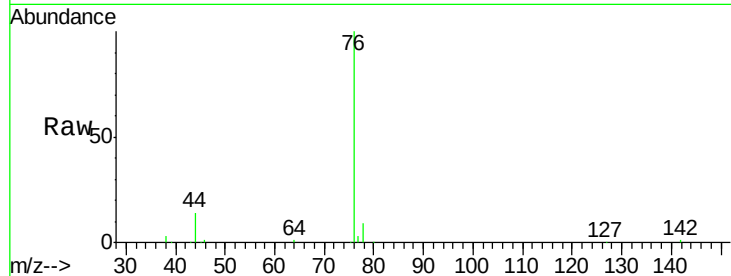
7.3 10.9

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

4.00

80000

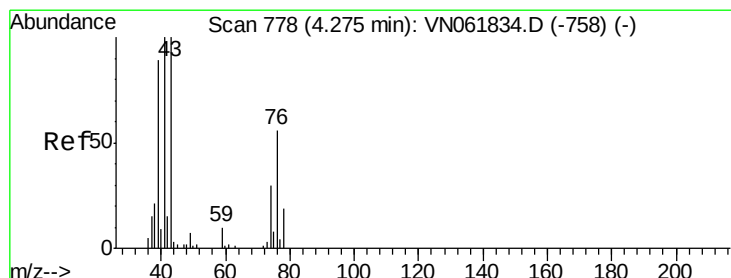
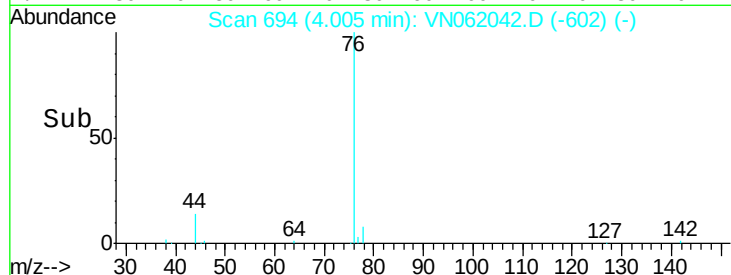
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 51.866 ug/l

RT: 4.28 min Scan# 778

Delta R.T. 0.00 min

Lab File: VN062042.D

Acq: 23 Jun 2020 14:23

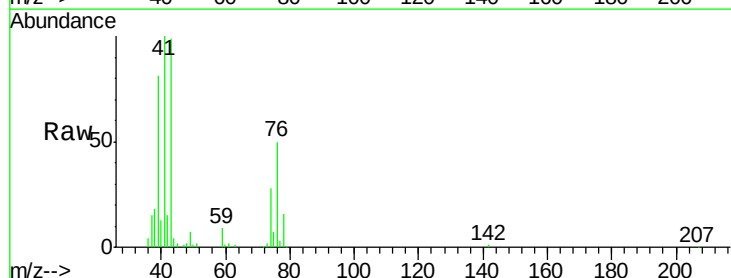
Tgt Ion: 43 Resp: 104558

Ion Ratio Lower Upper

43 100

74 27.3

23.0 34.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

4.28

40000

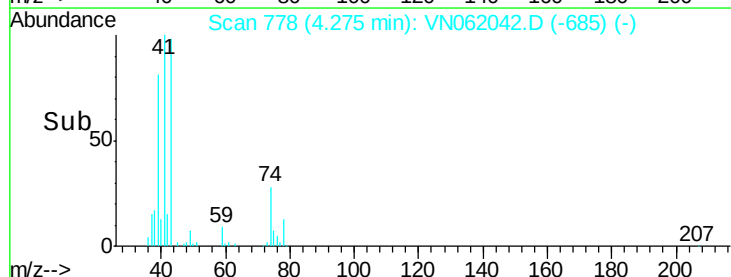
30000

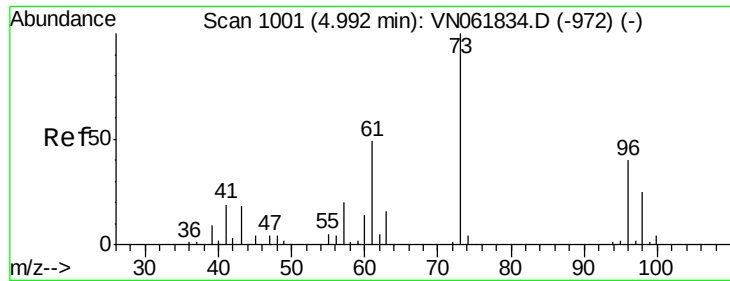
20000

10000

0

Time-->





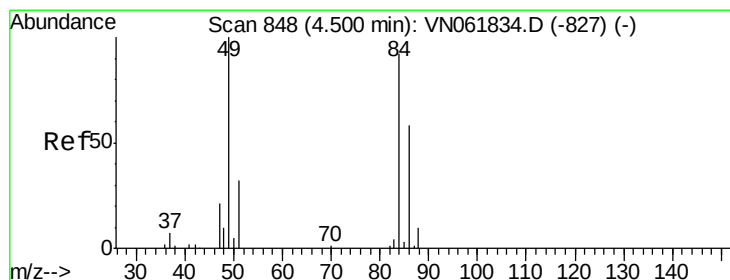
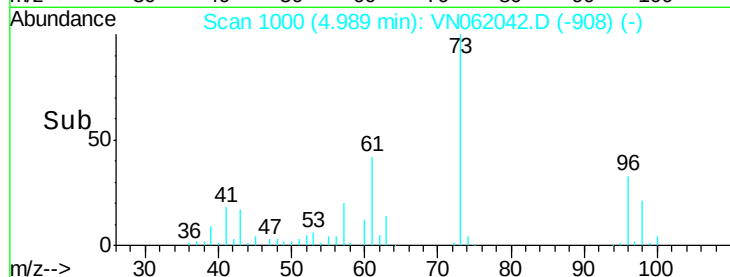
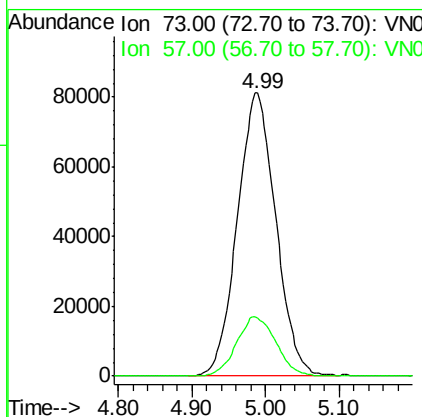
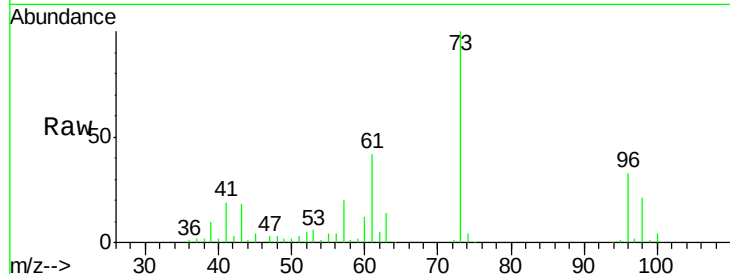
#19
Methvl tert-butvl Ether
Concen: 49.380 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VN062042.D
Acq: 23 Jun 2020 14:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 295271
Ion Ratio Lower Upper
73 100
57 20.5 16.2 24.4

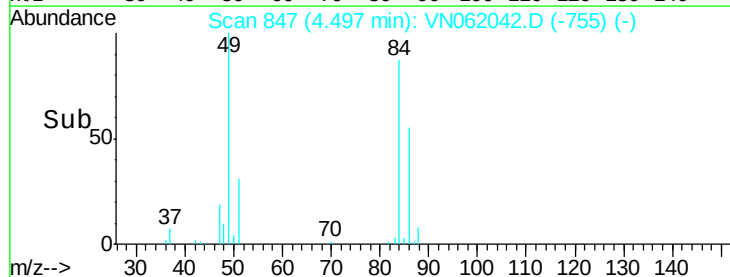
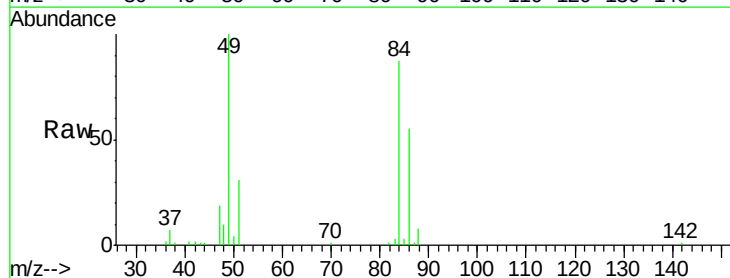
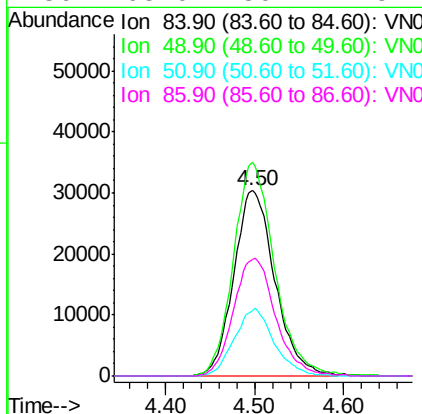
Manual Integrations
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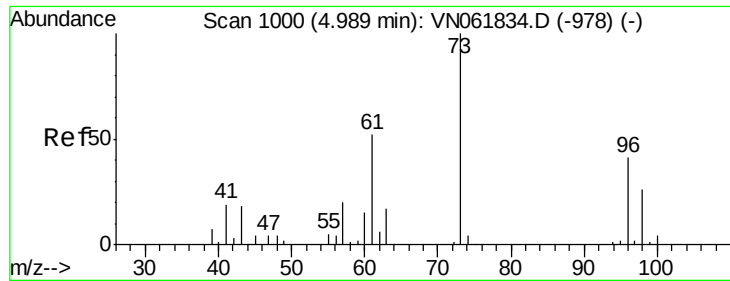
MMDadoda
6/24/2020 10:59:11 AM



#20
Methylene Chloride
Concen: 42.690 ug/l
RT: 4.50 min Scan# 847
Delta R.T. -0.00 min
Lab File: VN062042.D
Acq: 23 Jun 2020 14:23

Tgt Ion: 84 Resp: 97389
Ion Ratio Lower Upper
84 100
49 115.3 87.0 130.4
51 35.4 27.8 41.6
86 63.0 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 42.681 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN062042.D

Acq: 23 Jun 2020 14:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 88043

Ion Ratio Lower Upper

96 100

61 129.5 102.2 153.4

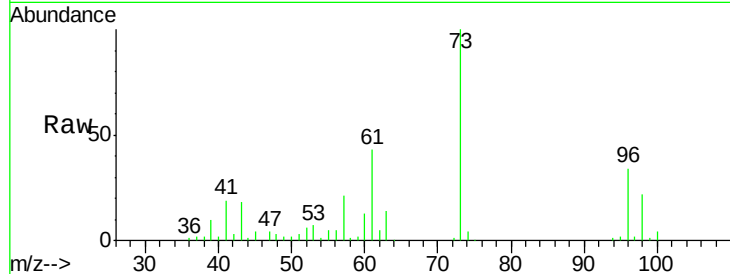
98 64.1 51.2 76.8

Manual Integrations

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MMDadoda

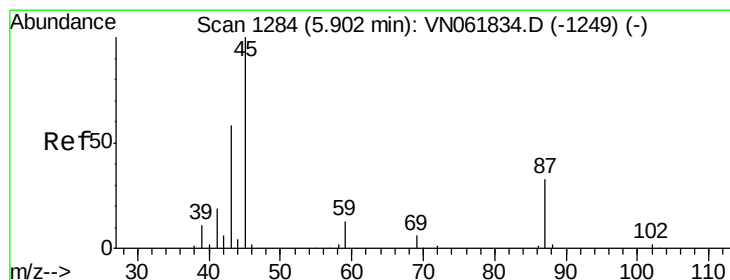
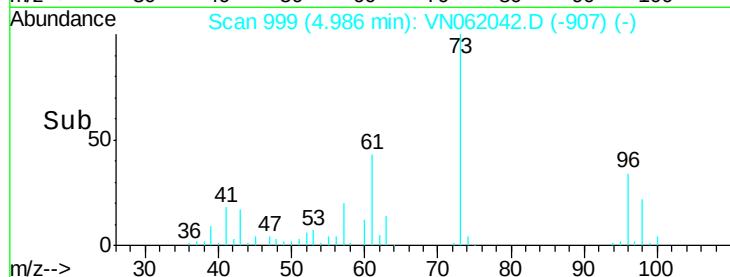
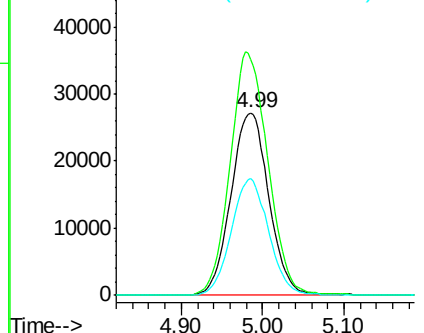
6/24/2020 10:59:11 AM



Abundance Ion 95.90 (95.60 to 96.60): VN061834.D (-978) (-)

Ion 60.90 (60.60 to 61.60): VN061834.D (-978) (-)

Ion 97.90 (97.60 to 98.60): VN061834.D (-978) (-)



#22

Diisopropyl ether

Concen: 50.606 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VN062042.D

Acq: 23 Jun 2020 14:23

Tgt Ion: 45 Resp: 275872

Ion Ratio Lower Upper

45 100

43 60.0 49.4 74.2

87 31.6 27.4 41.0

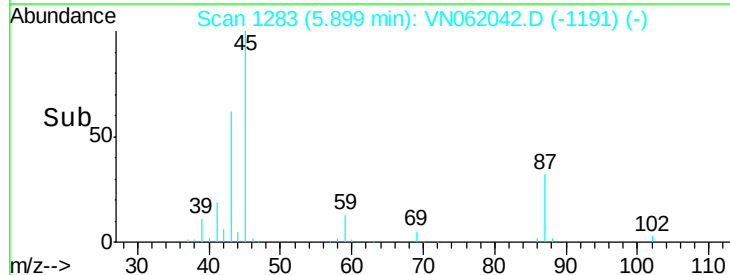
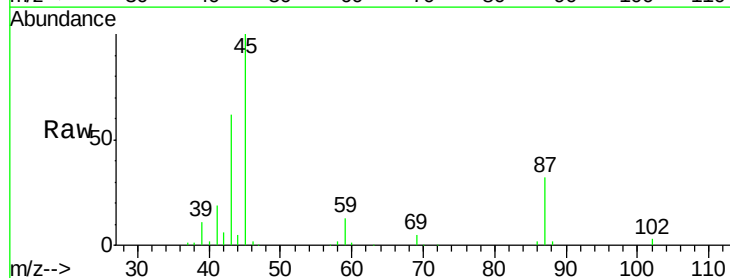
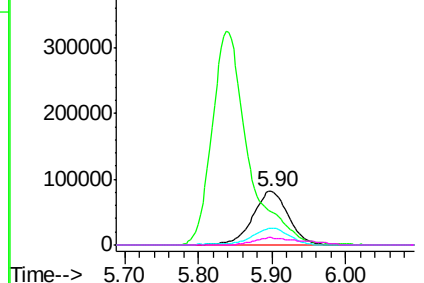
59 12.8 10.6 15.8

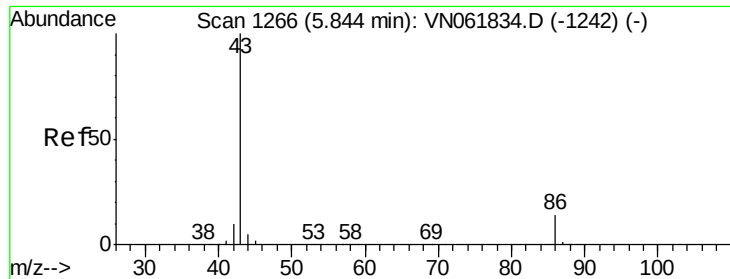
Abundance Ion 45.00 (44.70 to 45.70): VN061834.D (-1249) (-)

Ion 43.00 (42.70 to 43.70): VN061834.D (-1249) (-)

Ion 87.00 (86.70 to 87.70): VN061834.D (-1249) (-)

Ion 59.00 (58.70 to 59.70): VN061834.D (-1249) (-)





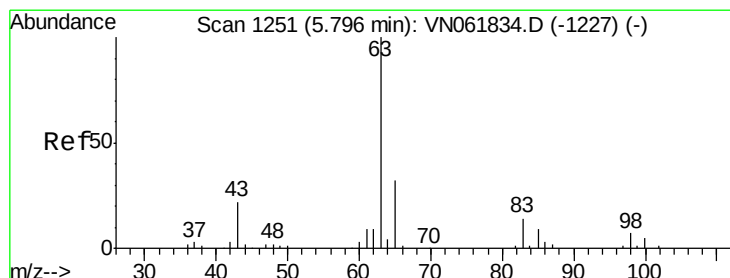
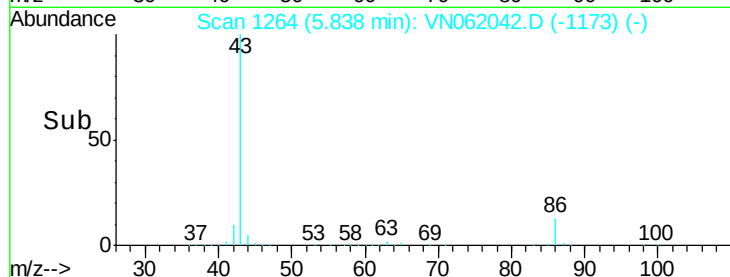
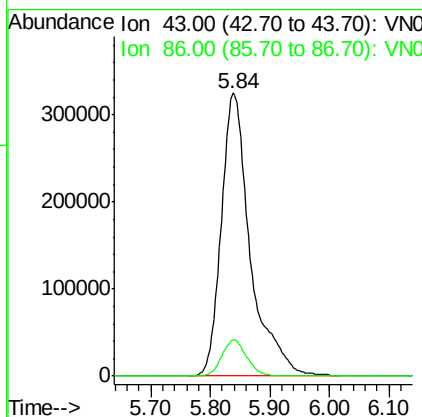
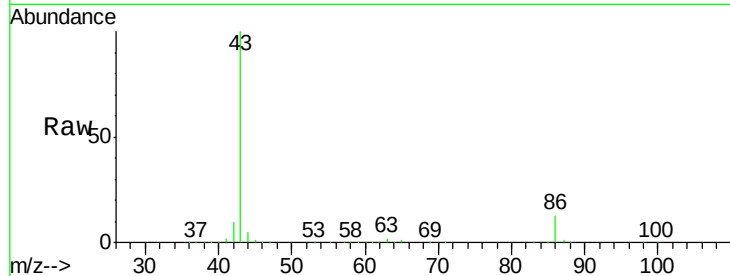
#23
 Vinyl Acetate
 Concen: 256.932 ug/l
 RT: 5.84 min Scan# 1264
 Delta R.T. -0.01 min
 Lab File: VN062042.D
 Acq: 23 Jun 2020 14:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 1101597
 Ion Ratio Lower Upper
 43 100
 86 12.7 10.9 16.3

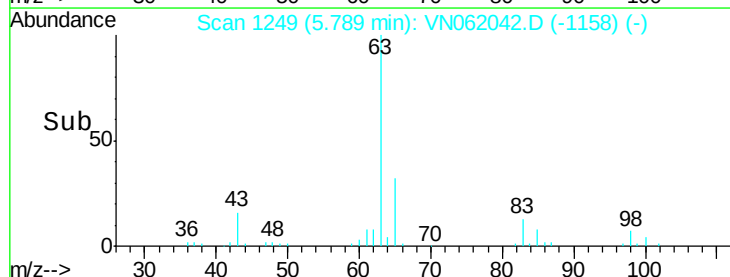
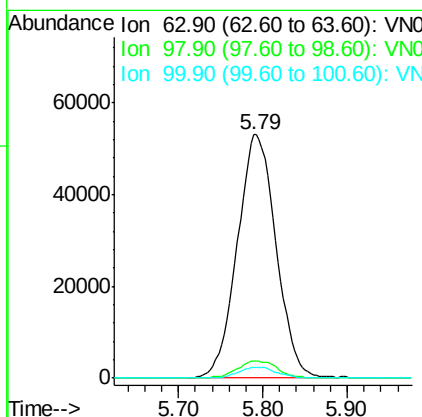
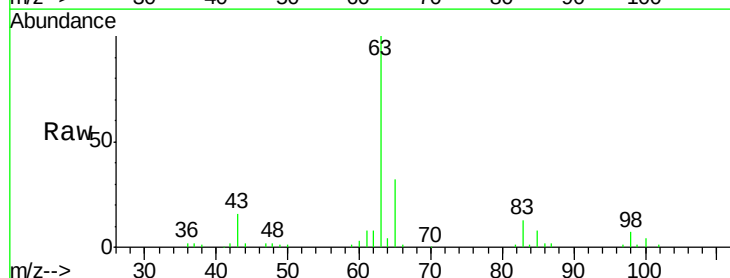
Manual Integrations
 APPROVED

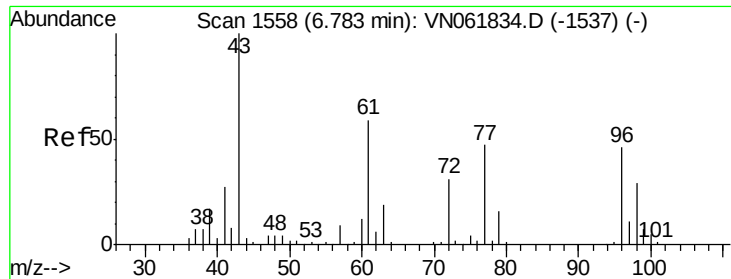
MMDadoda
 6/24/2020 10:59:11 AM



#24
 1,1-Dichloroethane
 Concen: 47.550 ug/l
 RT: 5.79 min Scan# 1249
 Delta R.T. -0.01 min
 Lab File: VN062042.D
 Acq: 23 Jun 2020 14:23

Tgt Ion: 63 Resp: 169682
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.5 10.4
 100 4.3 2.5 7.4





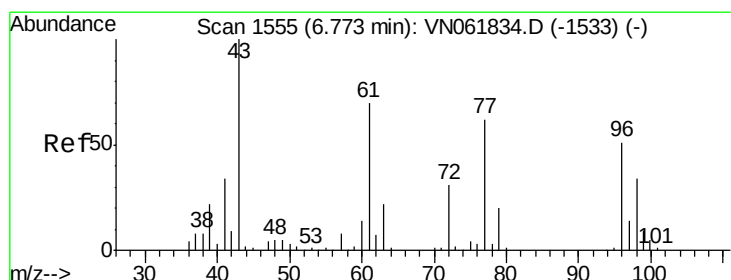
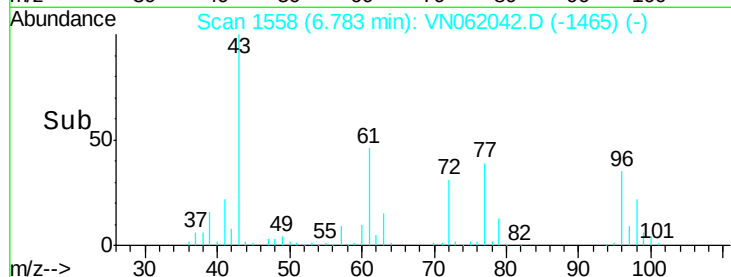
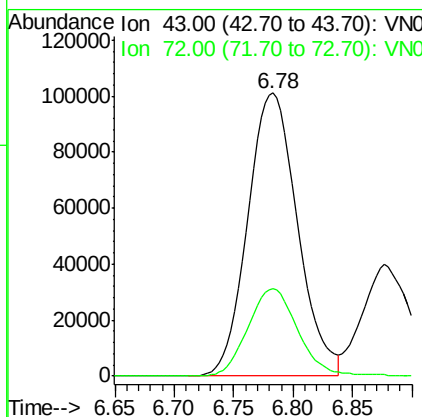
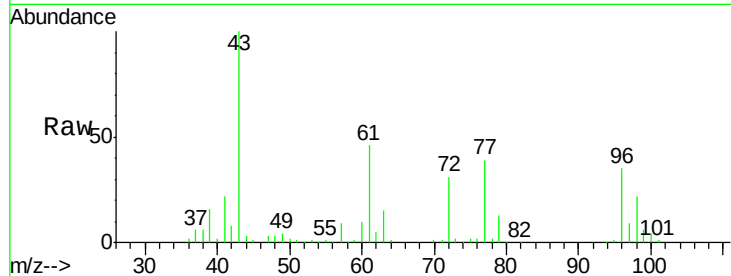
#25
2-Butanone
Concen: 286.909 ug/l
RT: 6.78 min Scan# 1558
Delta R.T. 0.00 min
Lab File: VN062042.D
Acq: 23 Jun 2020 14:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 293111
Ion Ratio Lower Upper
43 100
72 31.0 24.6 37.0

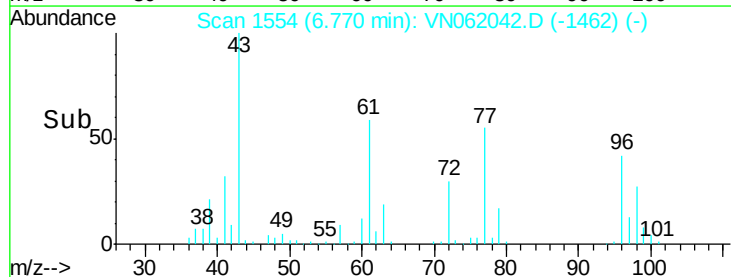
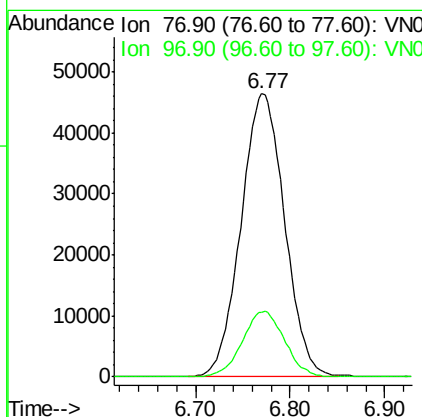
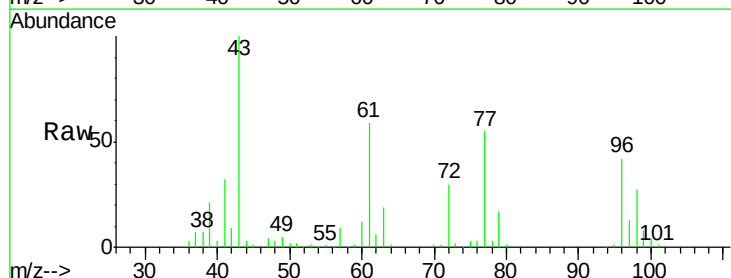
Manual Integrations
APPROVED

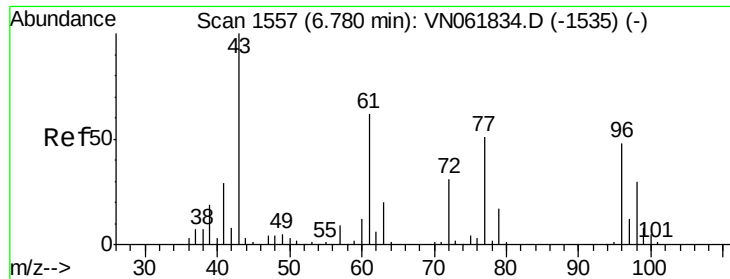
MMDadoda
6/24/2020 10:59:11 AM



#26
2,2-Dichloropropane
Concen: 49.615 ug/l
RT: 6.77 min Scan# 1554
Delta R.T. -0.00 min
Lab File: VN062042.D
Acq: 23 Jun 2020 14:23

Tgt Ion: 77 Resp: 148960
Ion Ratio Lower Upper
77 100
97 22.3 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 45.906 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. -0.00 min

Lab File: VN062042.D

Acq: 23 Jun 2020 14:23

Instrument :

MSVOA_N

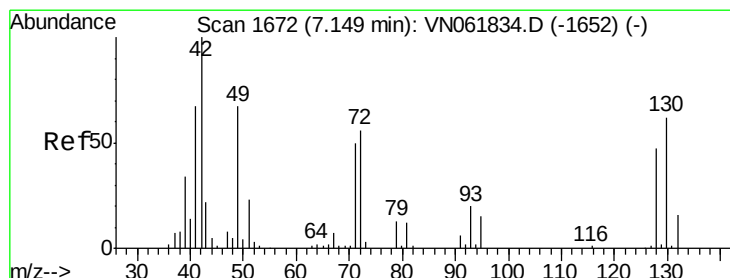
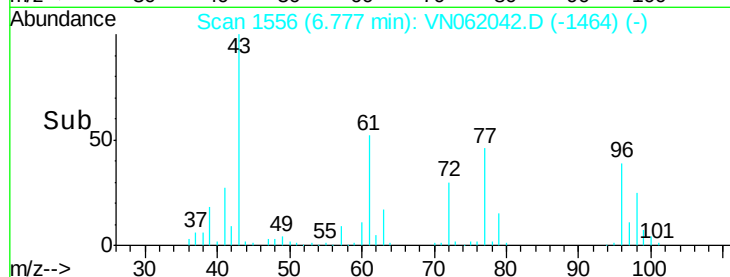
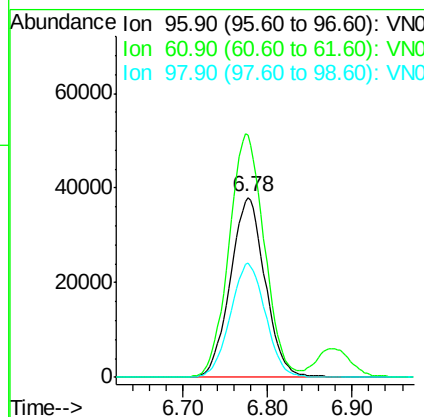
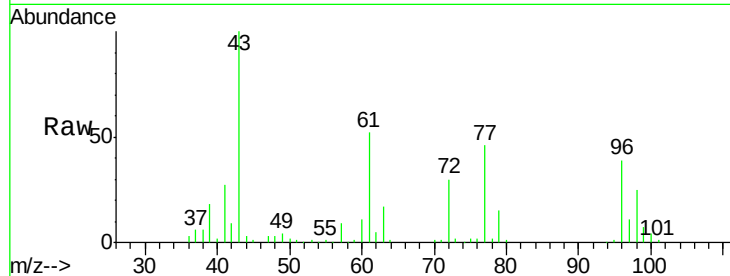
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	109264
Ion	Ratio	Lower	Upper
96	100		
61	137.0	0.0	265.6
98	64.0	0.0	128.2

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#28

Bromochloromethane

Concen: 61.757 ug/l

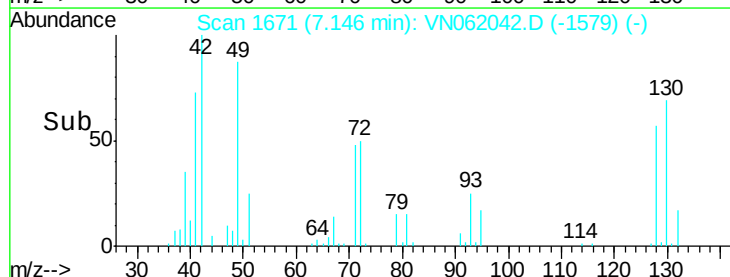
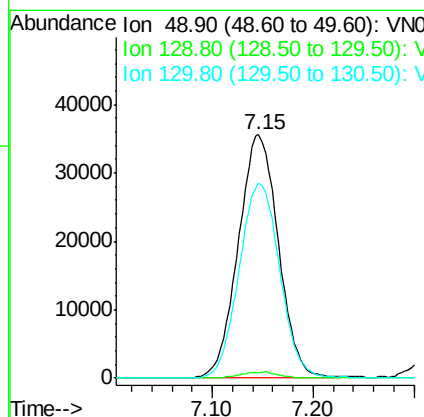
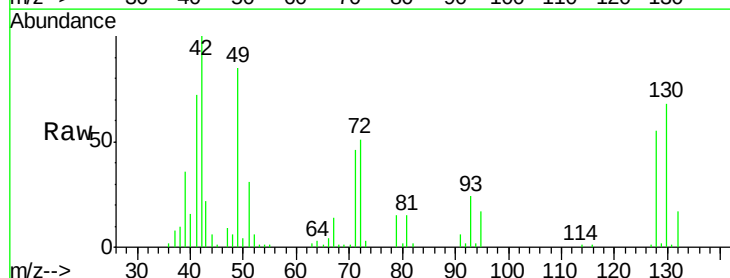
RT: 7.15 min Scan# 1671

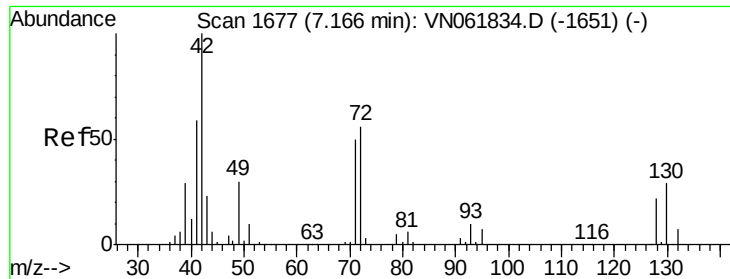
Delta R.T. -0.00 min

Lab File: VN062042.D

Acq: 23 Jun 2020 14:23

Tgt Ion:	49	Resp:	98125
Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.0
130	81.1	72.2	108.2





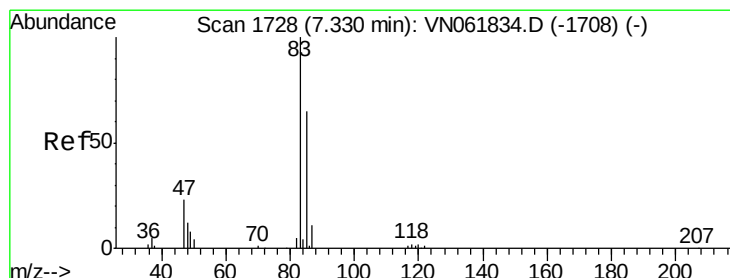
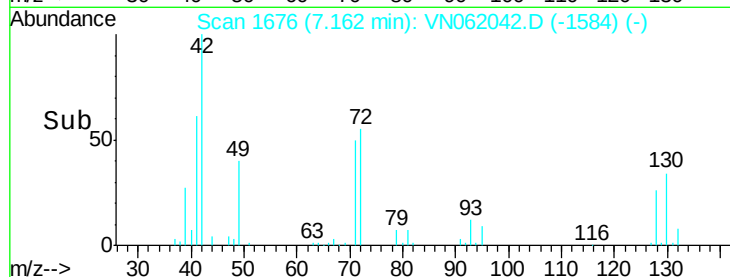
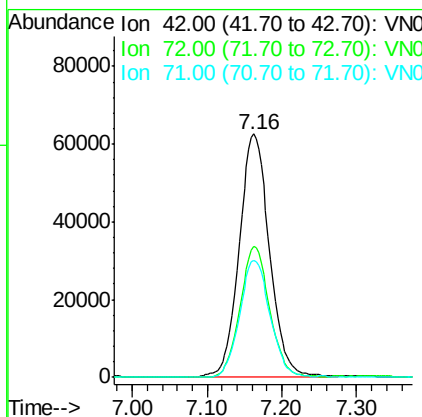
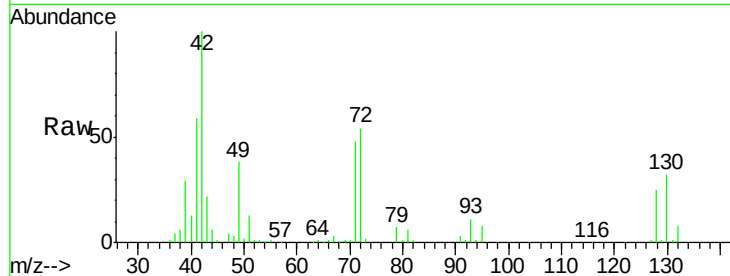
#29
Tetrahydrofuran
Concen: 262.972 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. -0.00 min
Lab File: VN062042.D
Acq: 23 Jun 2020 14:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	52.4	44.0	66.0
71	48.0	40.0	60.0

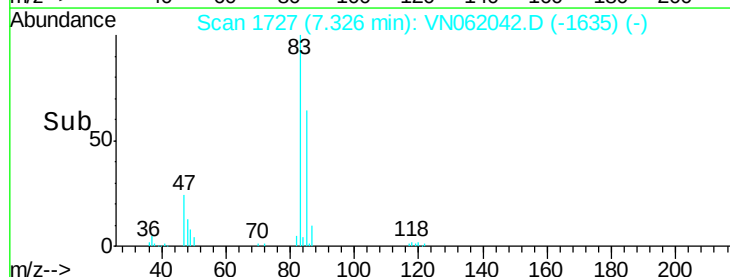
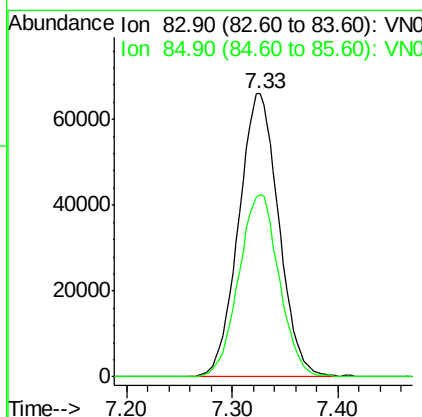
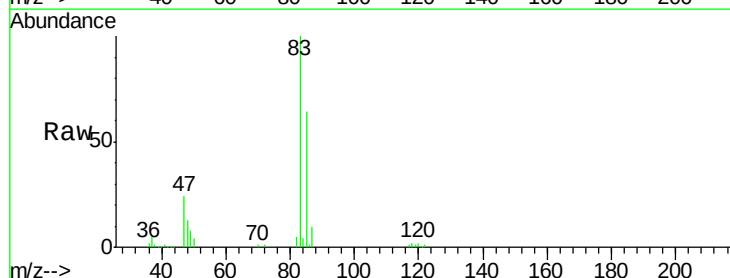
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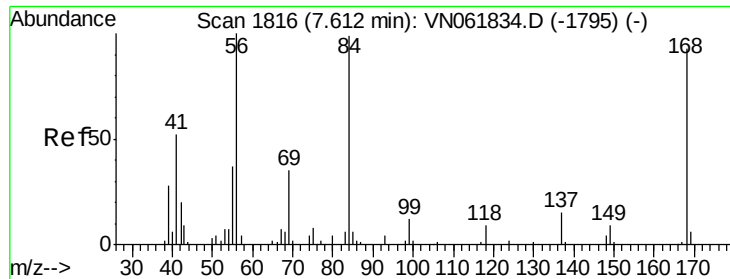
MMDadoda
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#30
Chloroform
Concen: 45.713 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN062042.D
Acq: 23 Jun 2020 14:23

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.5	52.0	78.0





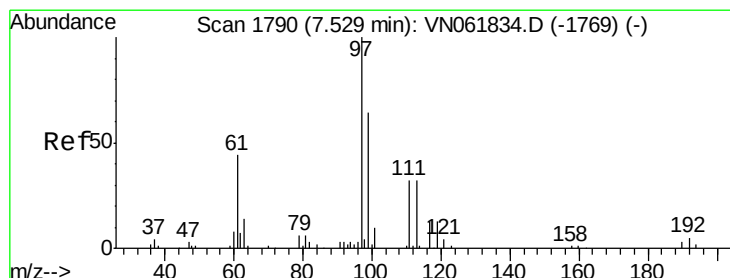
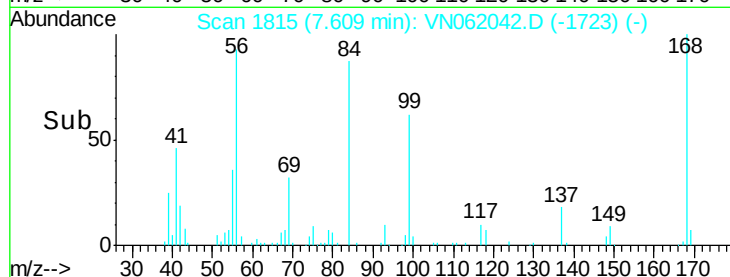
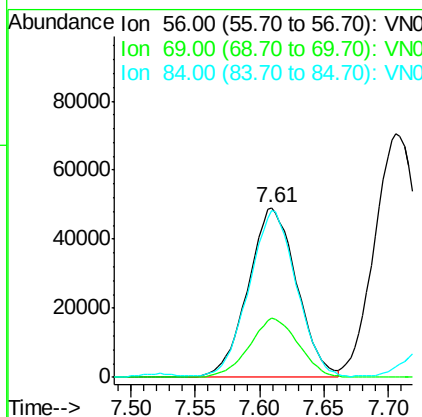
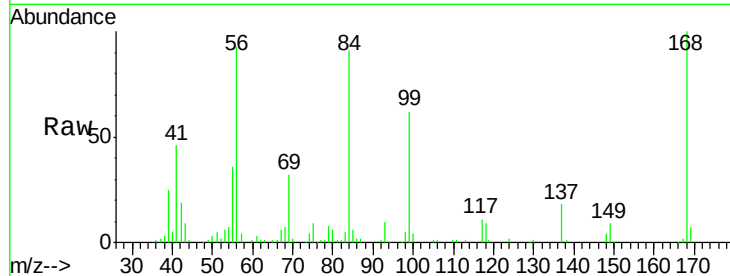
#31
Cyclohexane
Concen: 41.222 ug/l
RT: 7.61 min Scan# 1815
Delta R.T. -0.00 min
Lab File: VN062042.D
Acq: 23 Jun 2020 14:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.6	27.7	41.5
84	97.0	79.1	118.7

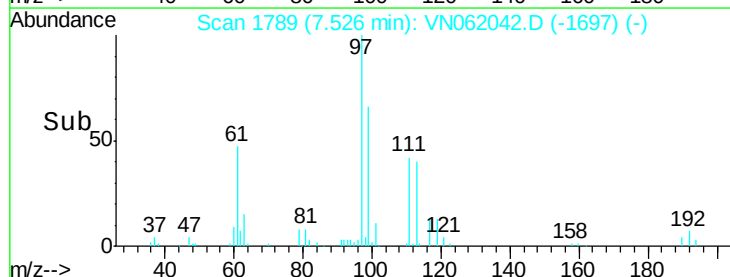
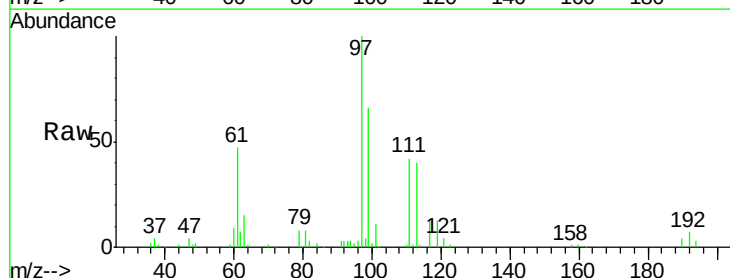
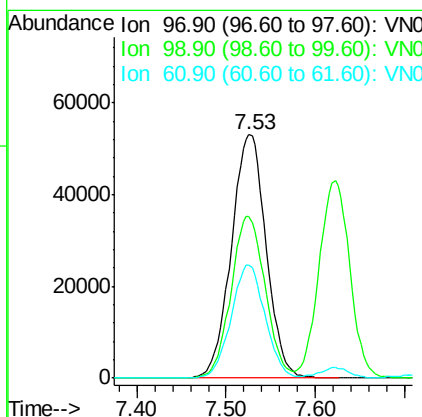
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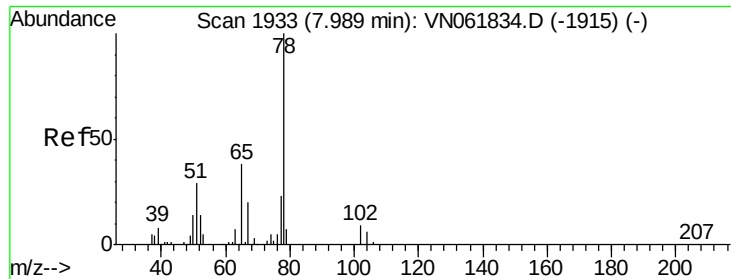
MMDadoda
6/24/2020 10:59:11 AM



#32
1,1,1-Trichloroethane
Concen: 44.191 ug/l
RT: 7.53 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VN062042.D
Acq: 23 Jun 2020 14:23

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.2	51.5	77.3
61	45.4	35.1	52.7





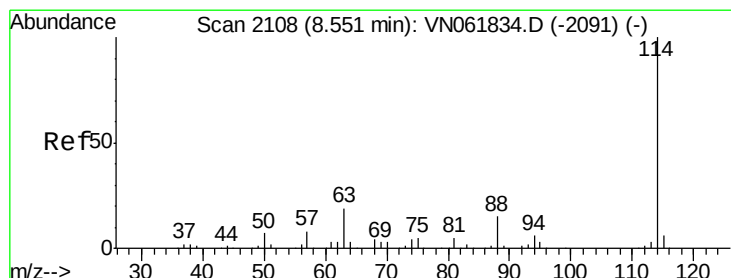
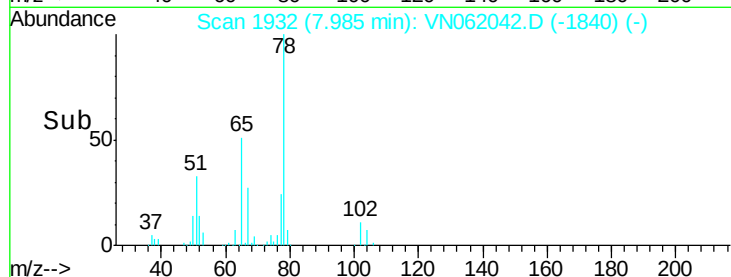
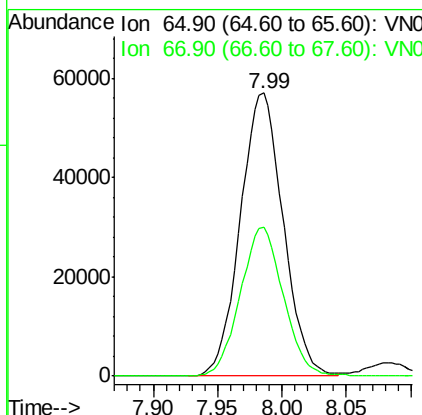
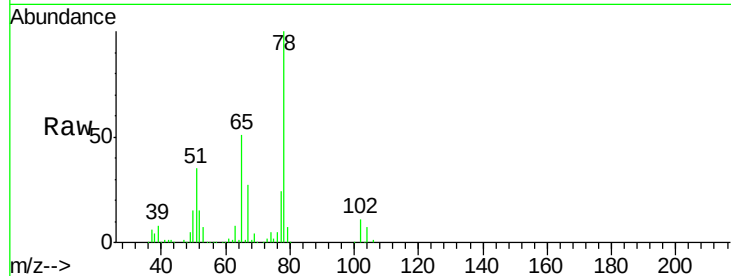
#33
 1,2-Dichloroethane-d4
 Concen: 55.706 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN062042.D
 Acq: 23 Jun 2020 14:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 65 Resp: 132054
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 106.2

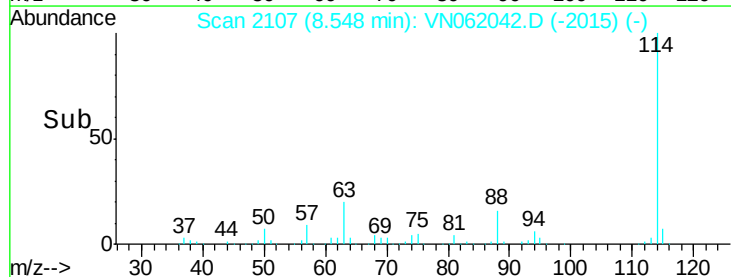
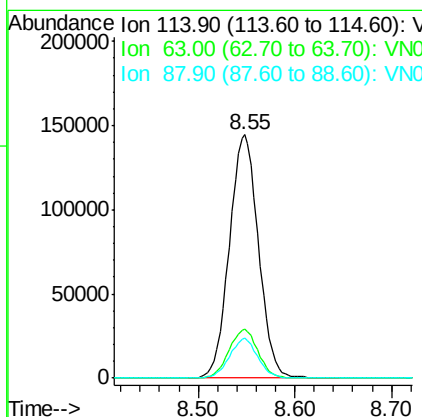
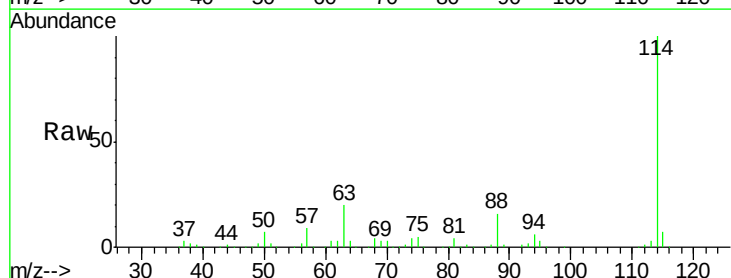
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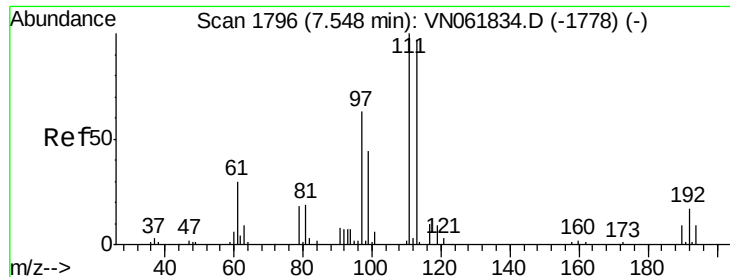
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN062042.D
 Acq: 23 Jun 2020 14:23

Tgt Ion: 114 Resp: 302005
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 37.6
 88 16.3 0.0 31.0





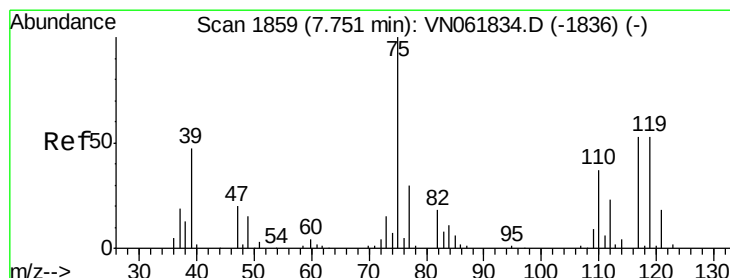
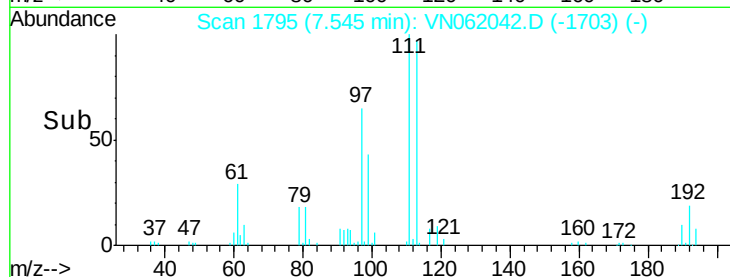
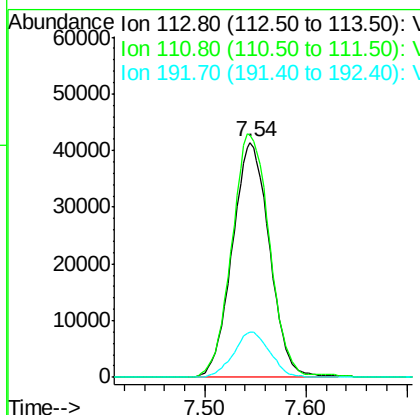
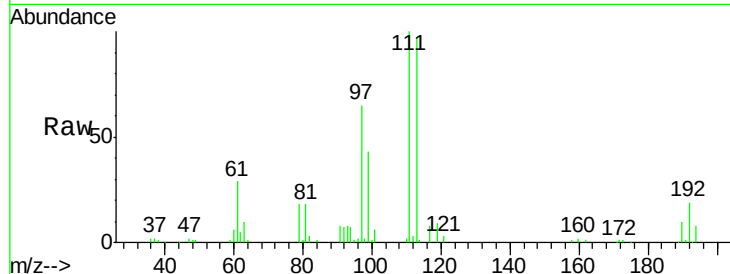
#35
 Dibromofluoromethane
 Concen: 54.859 ug/l
 RT: 7.54 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VN062042.D
 Acq: 23 Jun 2020 14:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	105992		
111	104.8	83.7	125.5	
192	18.7	13.9	20.9	

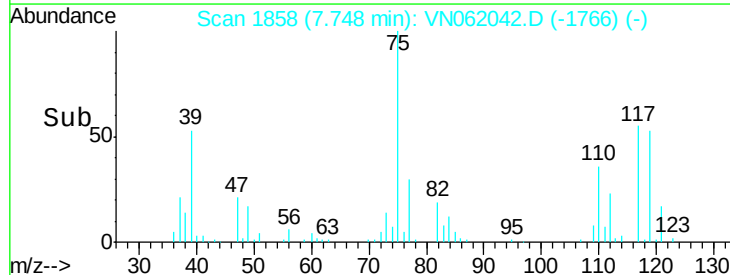
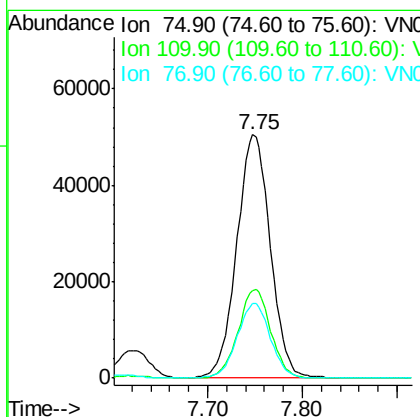
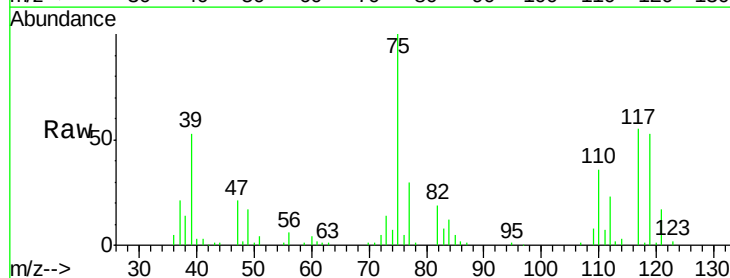
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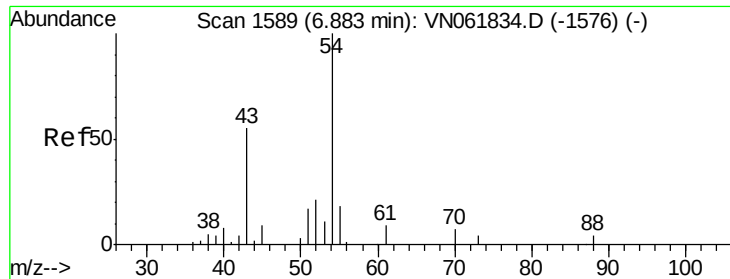
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#36
 1,1-Dichloropropene
 Concen: 45.244 ug/l
 RT: 7.75 min Scan# 1858
 Delta R.T. -0.00 min
 Lab File: VN062042.D
 Acq: 23 Jun 2020 14:23

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	124630		
110	35.2	18.2	54.6	
77	30.3	24.2	36.4	





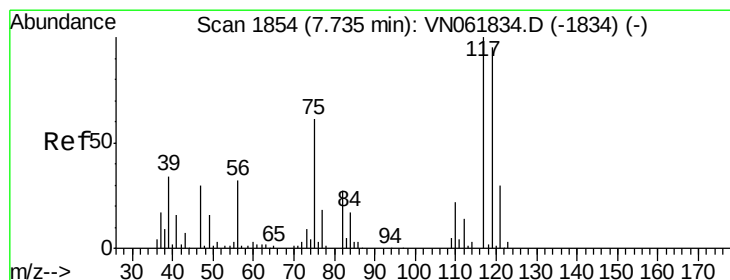
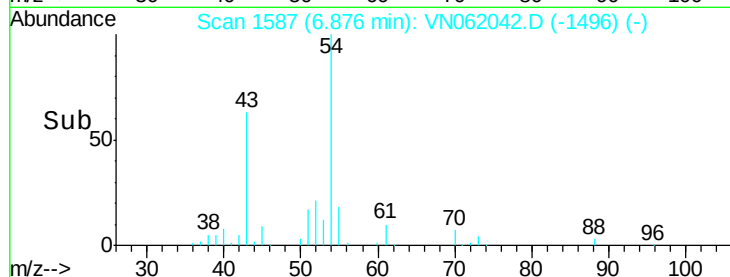
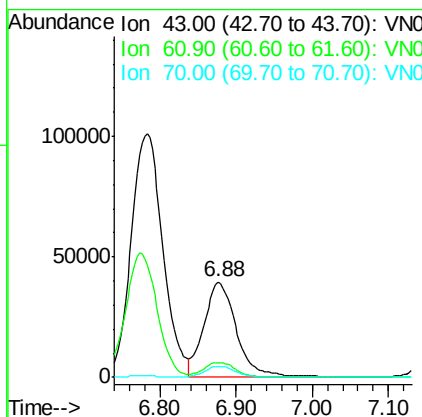
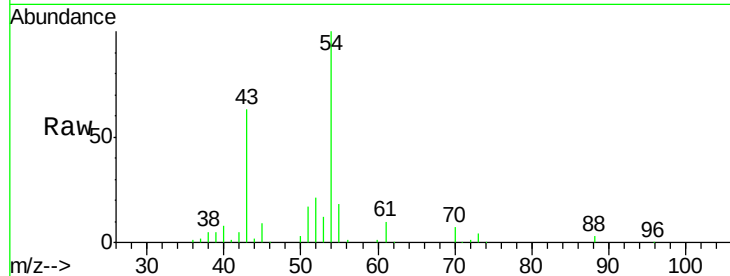
#37
Ethyl Acetate
Concen: 54.034 ug/l
RT: 6.88 min Scan# 1587
Delta R.T. -0.01 min
Lab File: VN062042.D
Acq: 23 Jun 2020 14:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.5	13.0	19.4
70	11.1	9.4	14.2

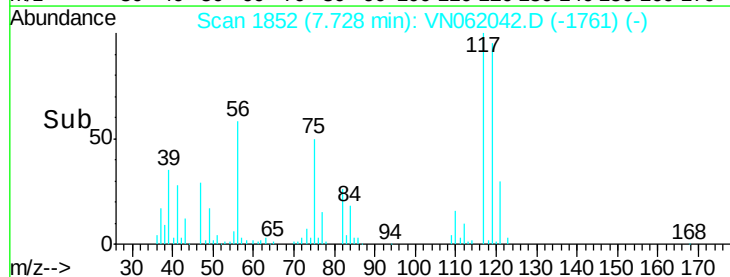
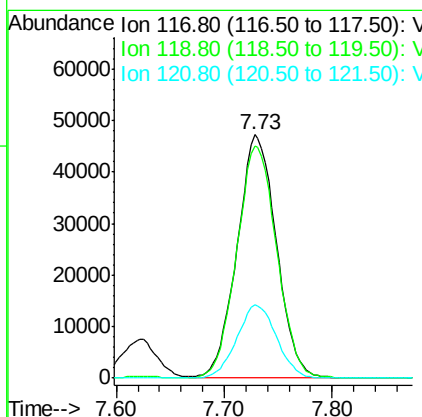
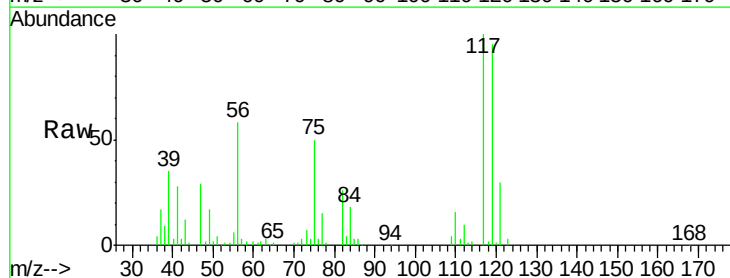
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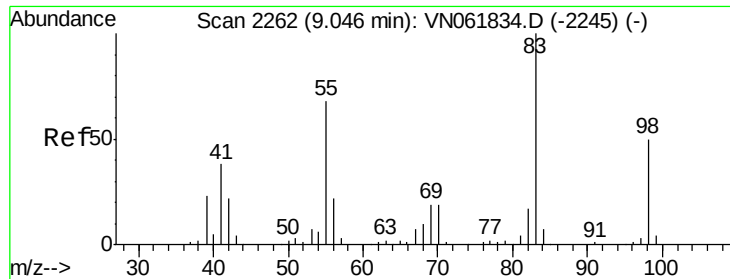
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#38
Carbon Tetrachloride
Concen: 43.871 ug/l
RT: 7.73 min Scan# 1852
Delta R.T. -0.01 min
Lab File: VN062042.D
Acq: 23 Jun 2020 14:23

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.3	75.8	113.6
121	29.9	23.8	35.6





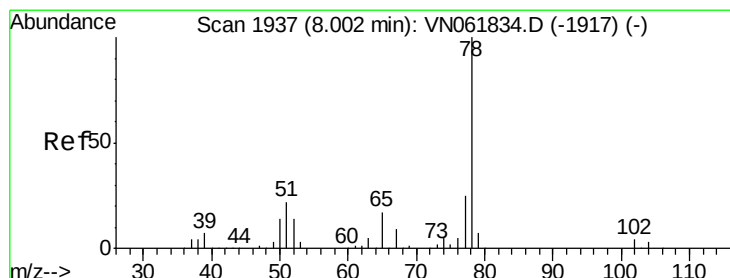
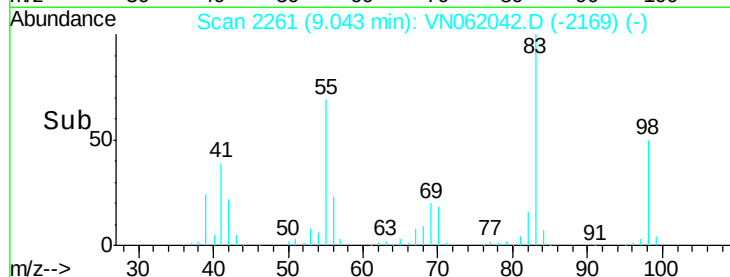
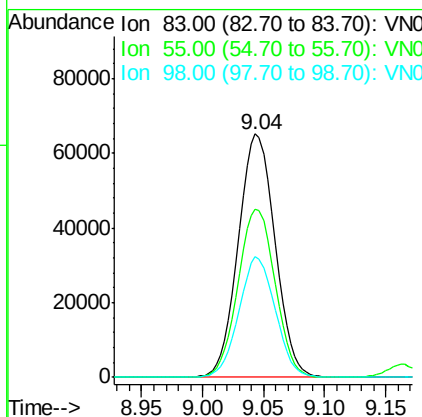
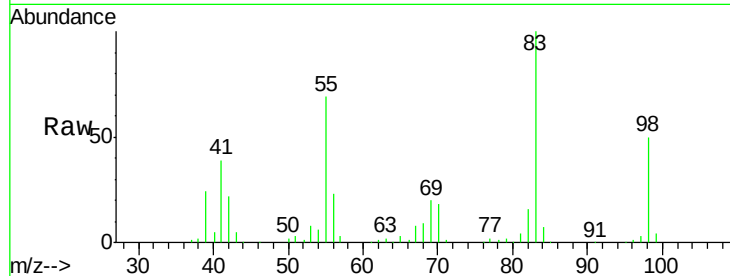
#39
Methylvlcyclohexane
Concen: 45.826 ug/l
RT: 9.04 min Scan# 2261
Delta R.T. -0.00 min
Lab File: VN062042.D
Acq: 23 Jun 2020 14:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	69.1	54.2	81.4
98	49.7	39.8	59.6

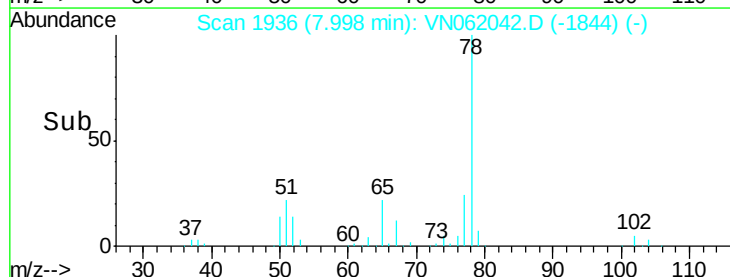
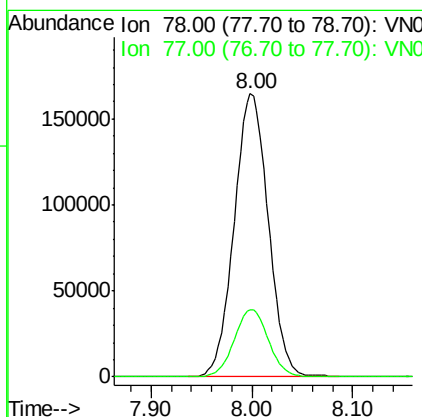
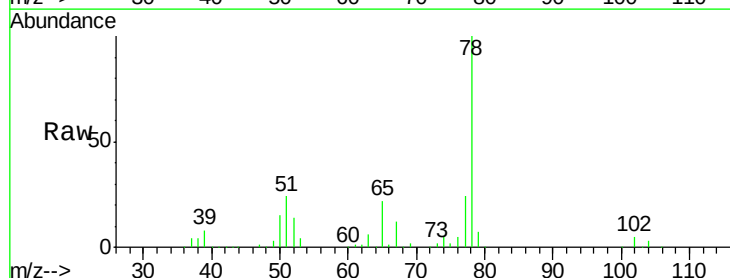
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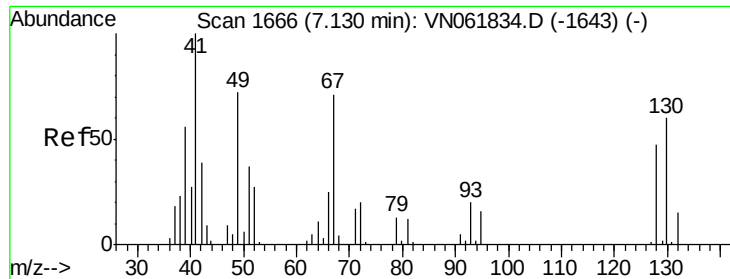
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#40
Benzene
Concen: 46.334 ug/l
RT: 8.00 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VN062042.D
Acq: 23 Jun 2020 14:23

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.7	29.5





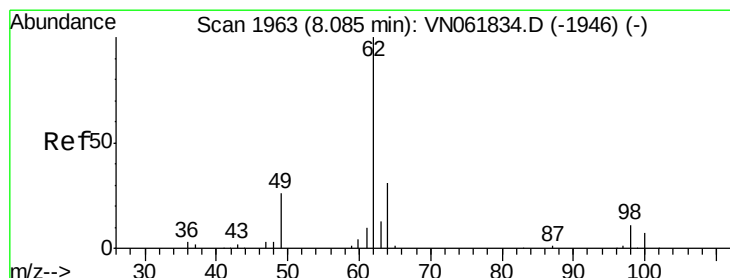
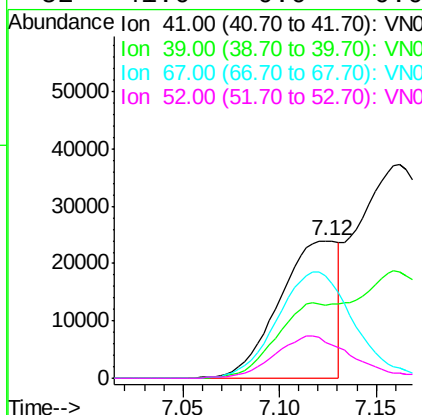
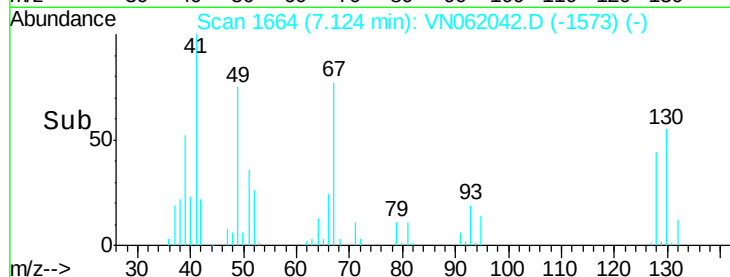
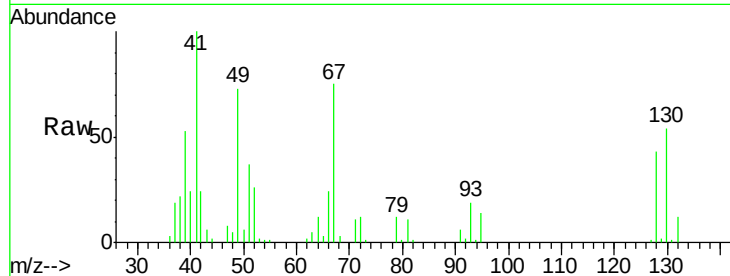
#41
Methacrylonitrile
Concen: 54.907 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. -0.01 min
Lab File: VN062042.D
Acq: 23 Jun 2020 14:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	46.0	0.0	0.0#
67	102.2	0.0	0.0#
52	41.0	0.0	0.0#

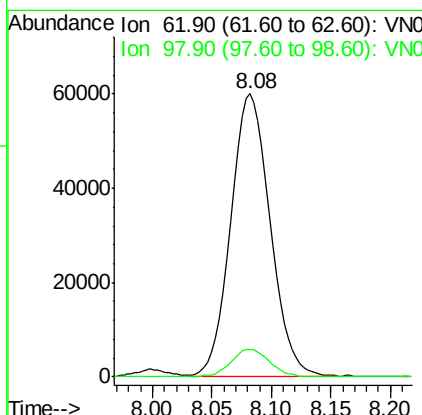
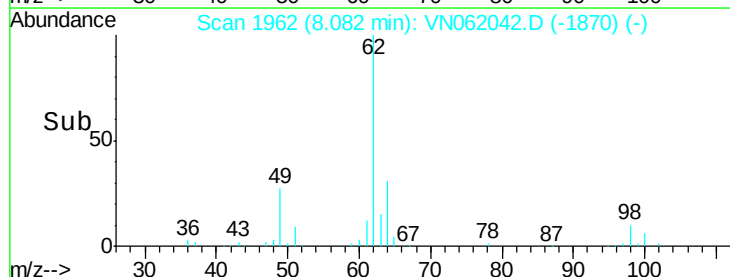
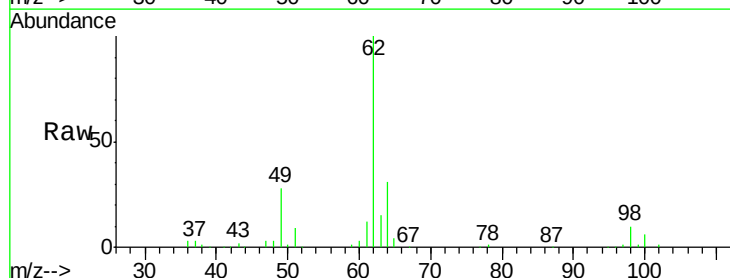
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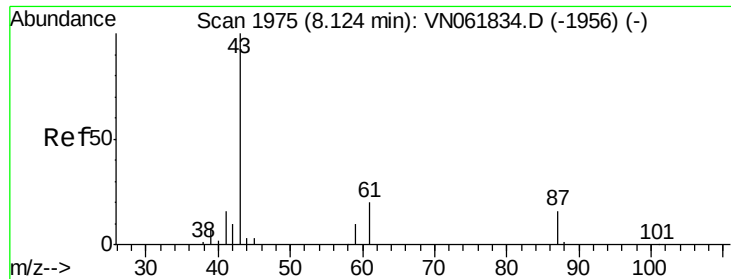
MMDadoda
6/24/2020 10:59:11 AM



#42
1,2-Dichloroethane
Concen: 48.328 ug/l
RT: 8.08 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VN062042.D
Acq: 23 Jun 2020 14:23

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	20.4





#43

Isopropyl Acetate

Concen: 53.453 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. 0.00 min

Lab File: VN062042.D

Acq: 23 Jun 2020 14:23

Instrument :

MSVOA_N

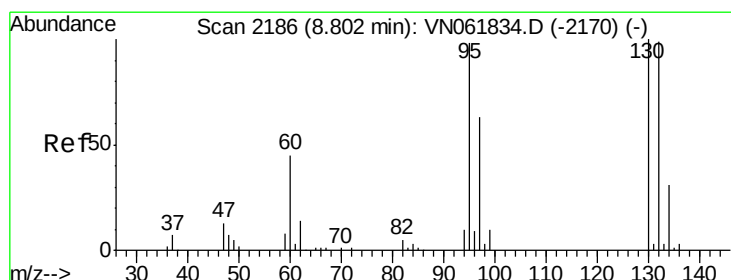
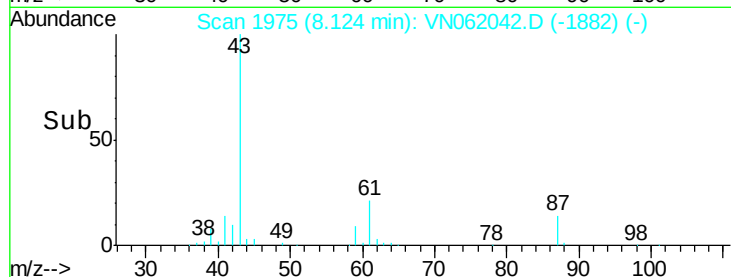
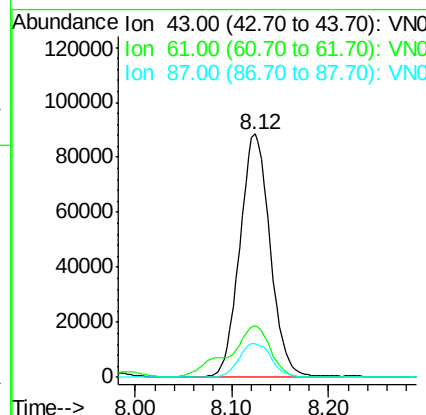
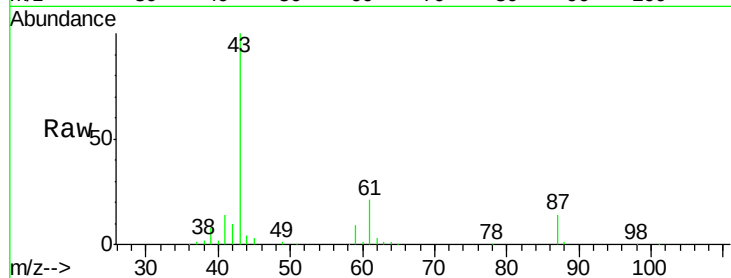
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	193773
Ion	Ratio	Lower	Upper
43	100		
61	29.1	24.0	36.0
87	14.9	12.5	18.7

Manual Integrations
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#44

Trichloroethene

Concen: 44.518 ug/l

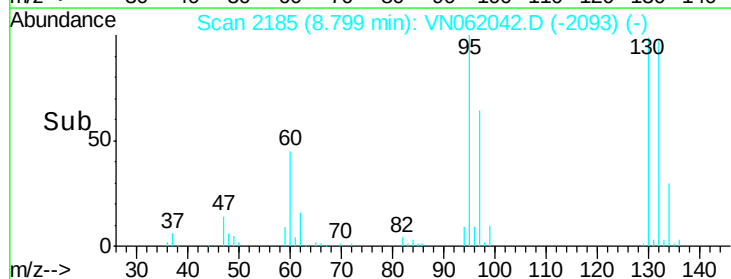
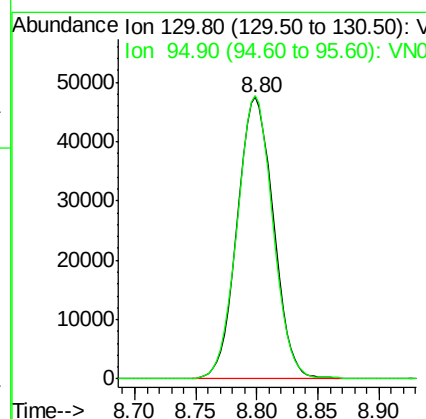
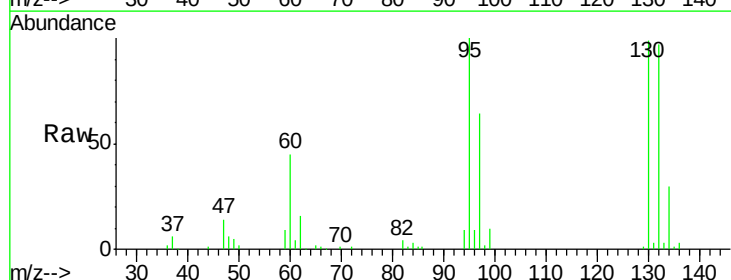
RT: 8.80 min Scan# 2185

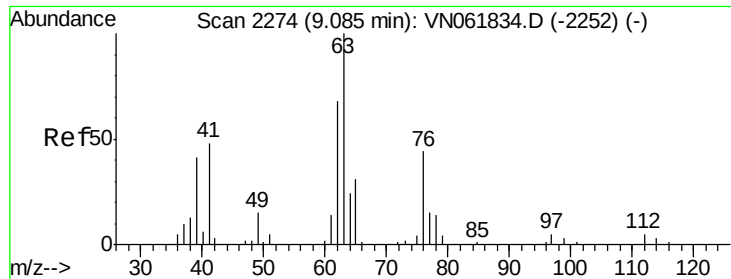
Delta R.T. -0.00 min

Lab File: VN062042.D

Acq: 23 Jun 2020 14:23

Tgt Ion:	130	Resp:	97763
Ion	Ratio	Lower	Upper
130	100		
95	100.6	0.0	195.6





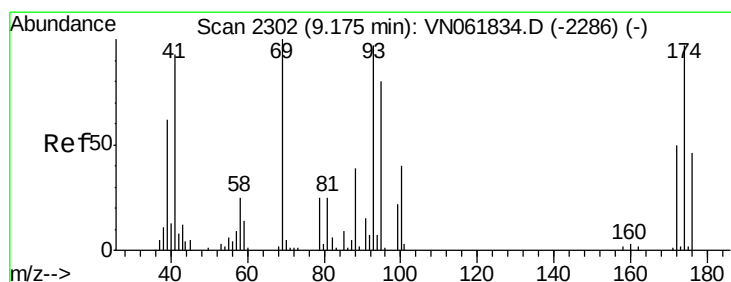
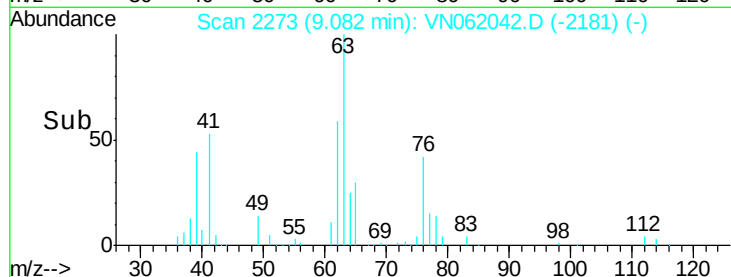
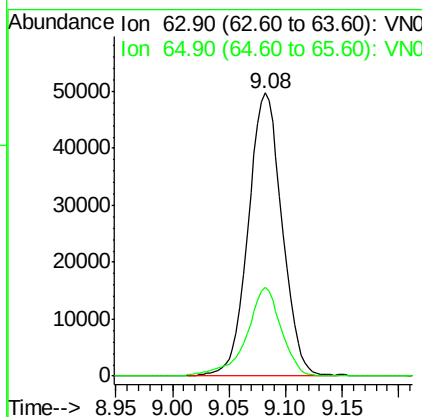
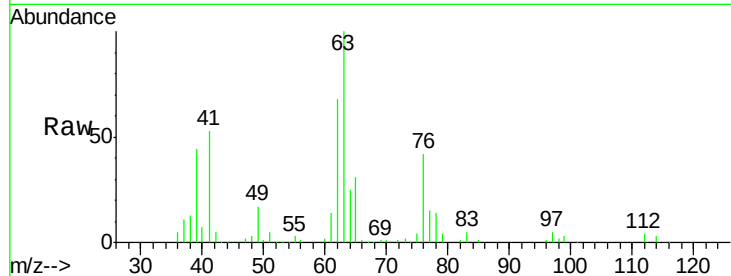
#45
 1,2-Dichloropropane
 Concen: 50.452 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: VN062042.D
 Acq: 23 Jun 2020 14:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 103459
 Ion Ratio Lower Upper
 63 100
 65 31.4 25.1 37.7

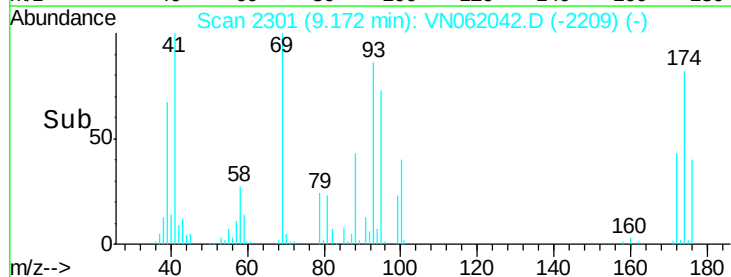
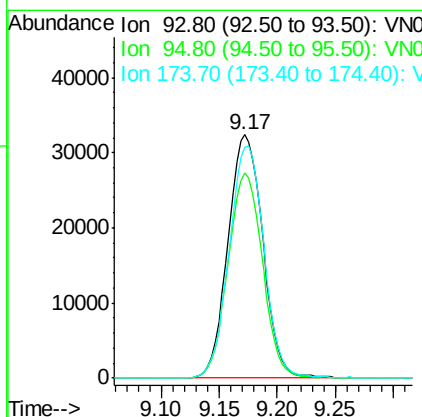
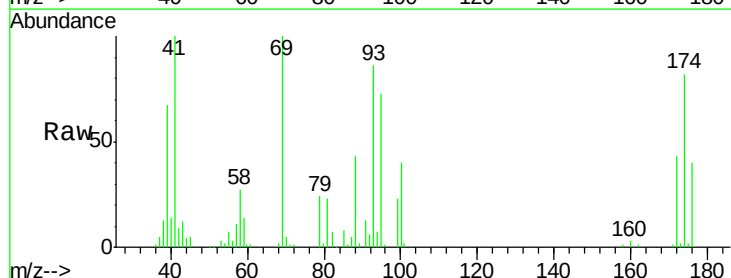
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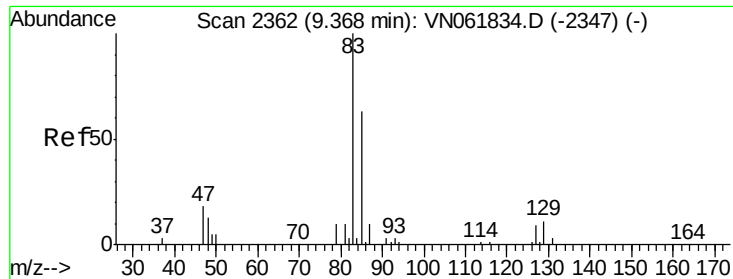
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#46
 Dibromomethane
 Concen: 46.685 ug/l
 RT: 9.17 min Scan# 2301
 Delta R.T. -0.00 min
 Lab File: VN062042.D
 Acq: 23 Jun 2020 14:23

Tgt Ion: 93 Resp: 67415
 Ion Ratio Lower Upper
 93 100
 95 83.3 65.8 98.6
 174 95.3 78.5 117.7





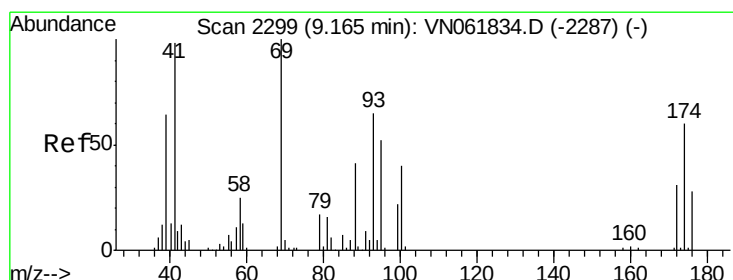
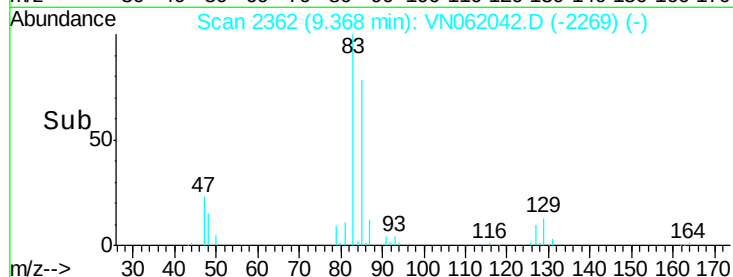
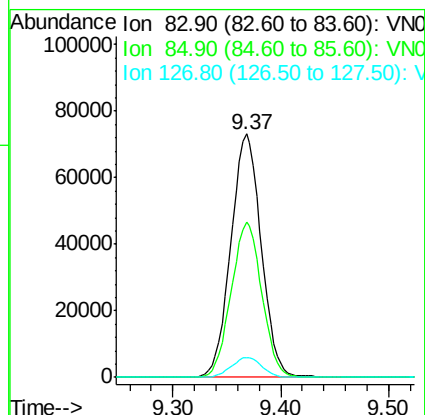
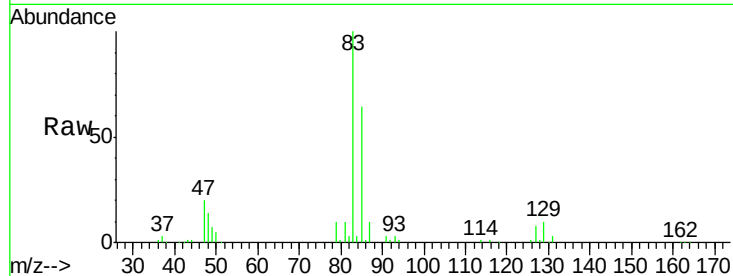
#47
Bromodichloromethane
Concen: 48.544 ug/l
RT: 9.37 min Scan# 2362
Delta R.T. 0.00 min
Lab File: VN062042.D
Acq: 23 Jun 2020 14:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
85	63.6	50.8	76.2
127	8.1	7.0	10.4

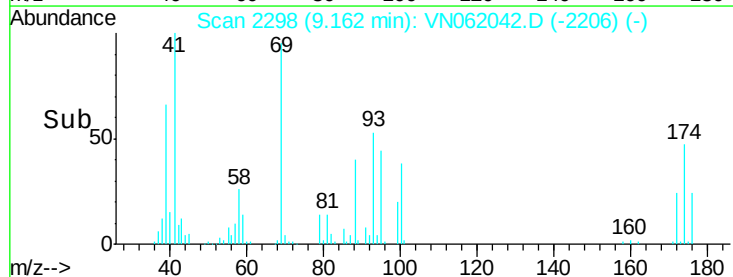
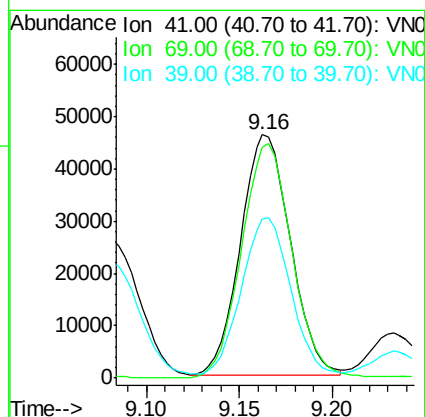
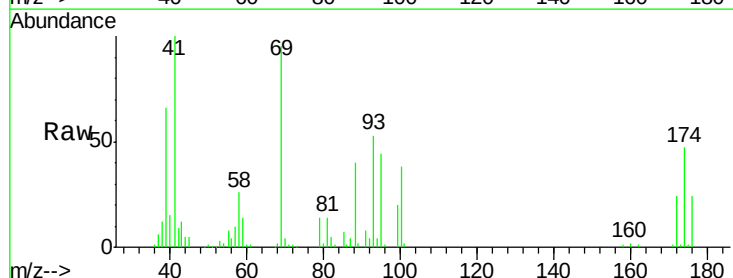
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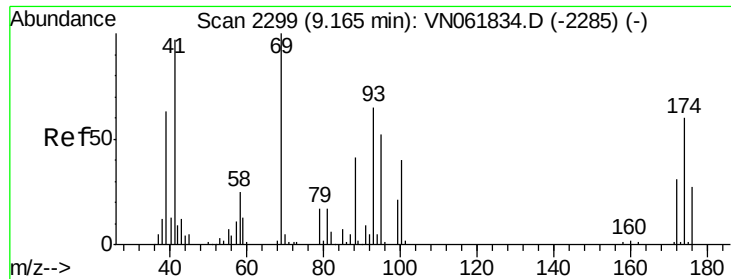
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#48
Methyl methacrylate
Concen: 52.083 ug/l
RT: 9.16 min Scan# 2298
Delta R.T. -0.00 min
Lab File: VN062042.D
Acq: 23 Jun 2020 14:23

Tgt Ion	Ratio	Lower	Upper
41	100		
69	99.4	83.0	124.4
39	67.1	55.1	82.7





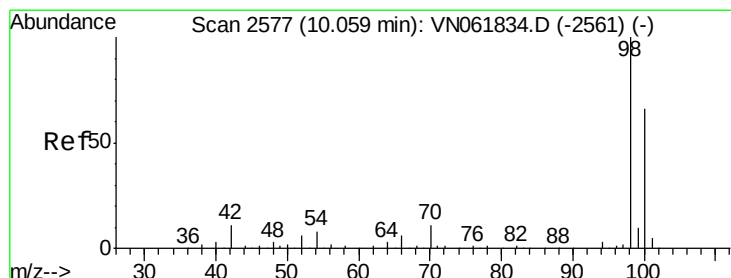
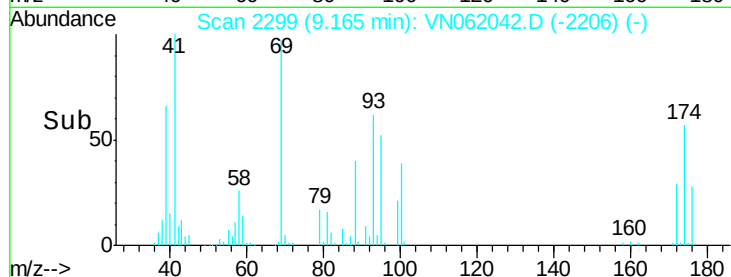
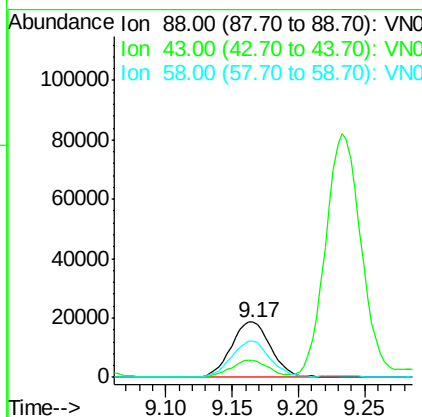
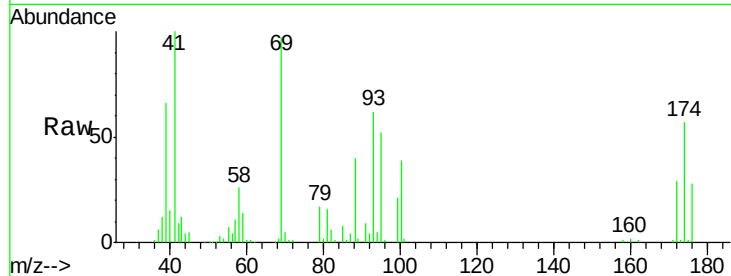
#49
1,4-Dioxane
Concen: 1023.778 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. 0.00 min
Lab File: VN062042.D
Acq: 23 Jun 2020 14:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.3	23.4	35.2
58	64.1	49.8	74.6

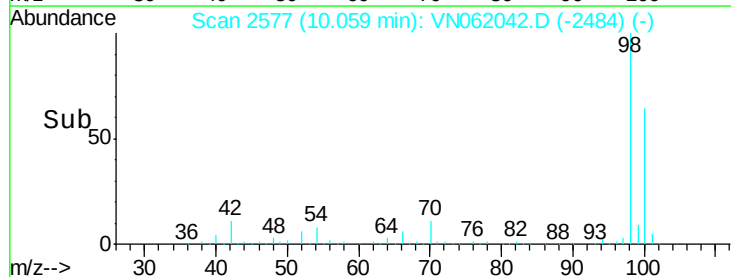
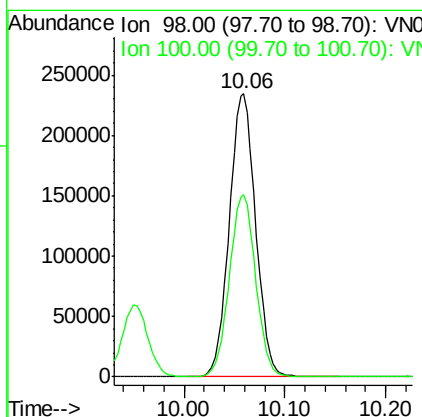
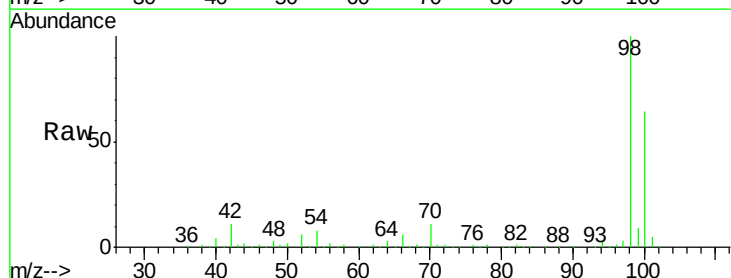
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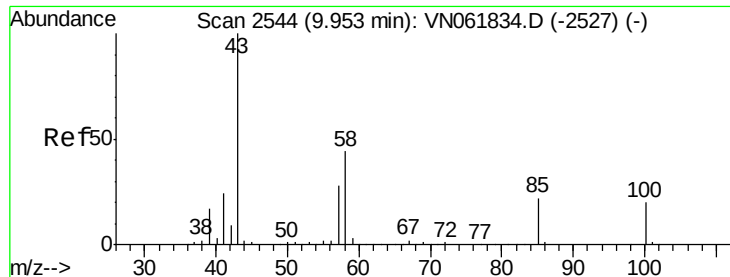
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#50
Toluene-d8
Concen: 56.147 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN062042.D
Acq: 23 Jun 2020 14:23

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.2	52.7	79.1





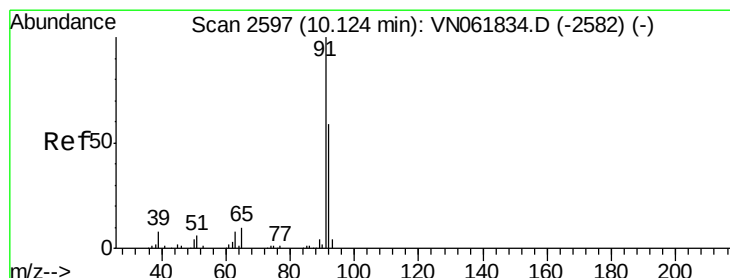
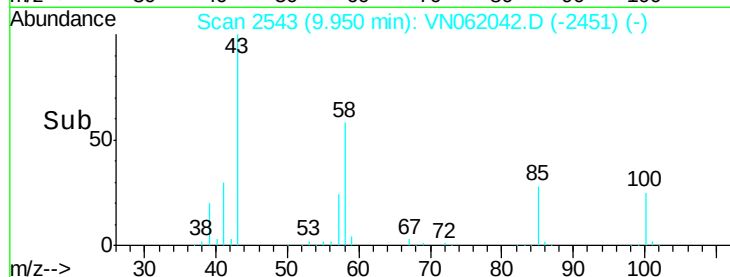
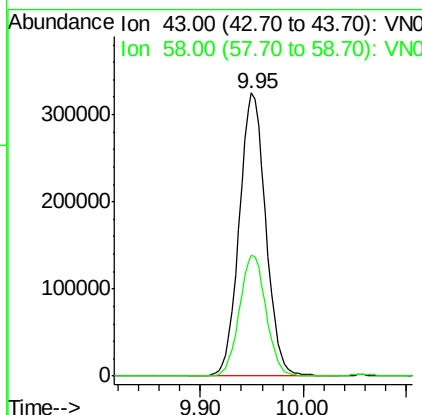
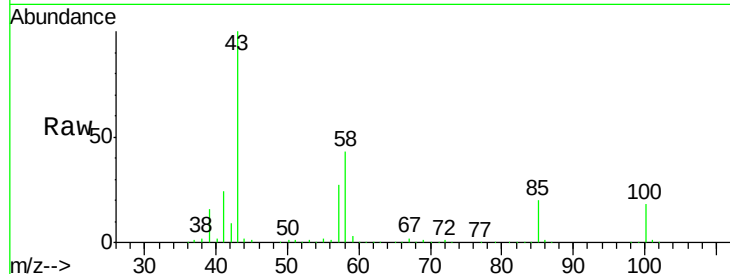
#51
4-Methyl-2-Pentanone
Concen: 270.936 ug/l
RT: 9.95 min Scan# 2543
Delta R.T. -0.00 min
Lab File: VN062042.D
Acq: 23 Jun 2020 14:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	43.1	34.6	52.0

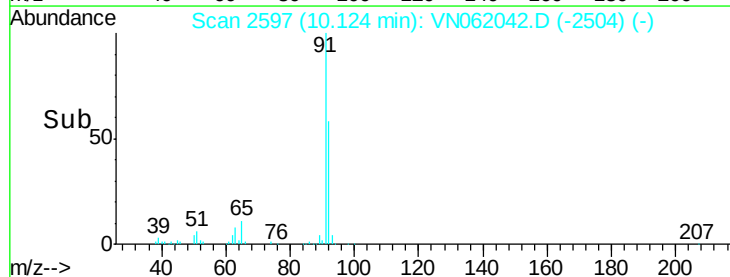
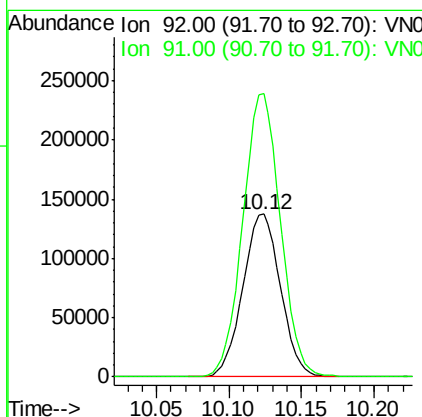
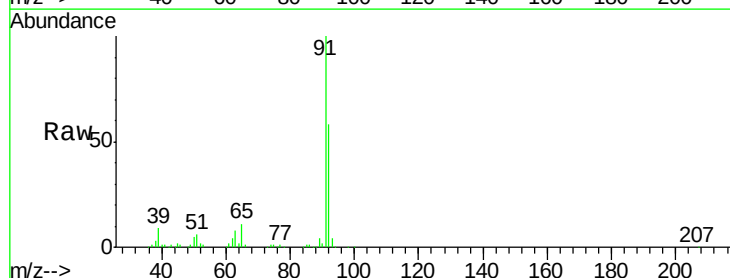
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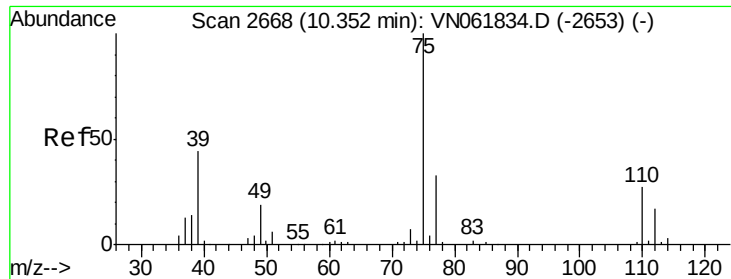
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#52
Toluene
Concen: 47.402 ug/l
RT: 10.12 min Scan# 2597
Delta R.T. 0.00 min
Lab File: VN062042.D
Acq: 23 Jun 2020 14:23

Tgt Ion	Ratio	Lower	Upper
92	100		
91	173.9	137.1	205.7





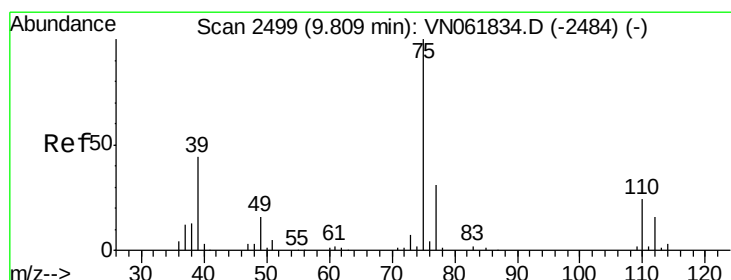
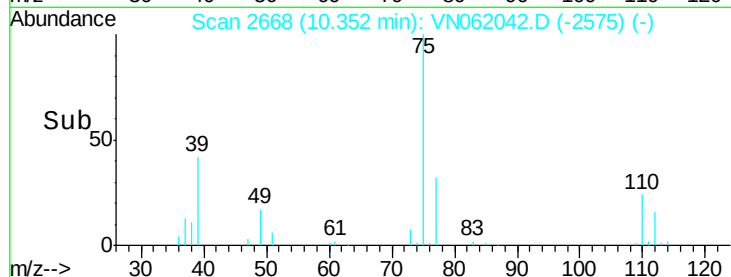
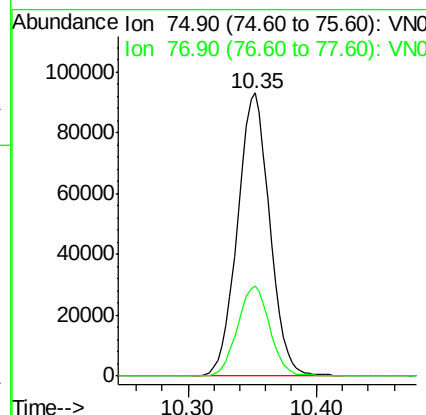
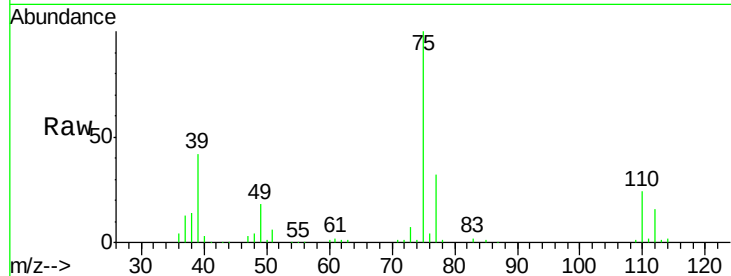
#53
t-1,3-Dichloropropene
Concen: 51.462 ug/l
RT: 10.35 min Scan# 2668
Delta R.T. 0.00 min
Lab File: VN062042.D
Acq: 23 Jun 2020 14:23

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.9	26.3	39.5

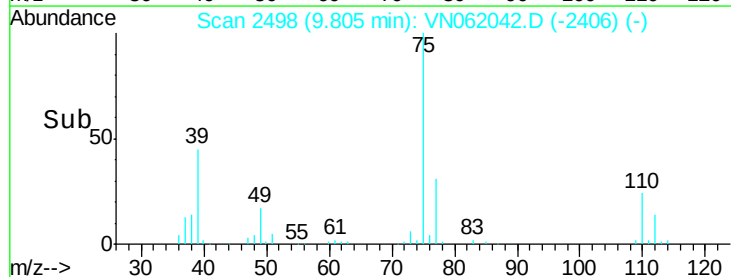
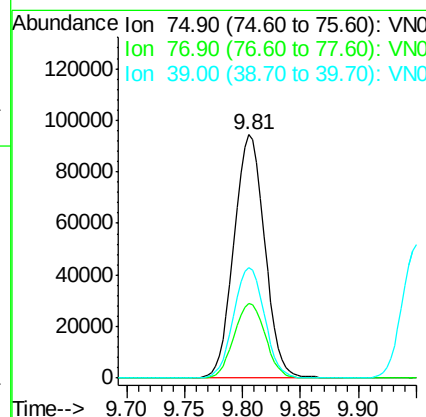
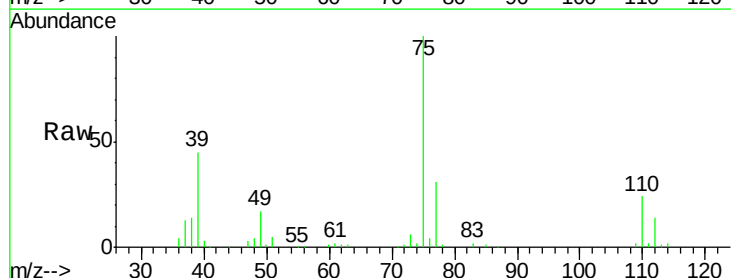
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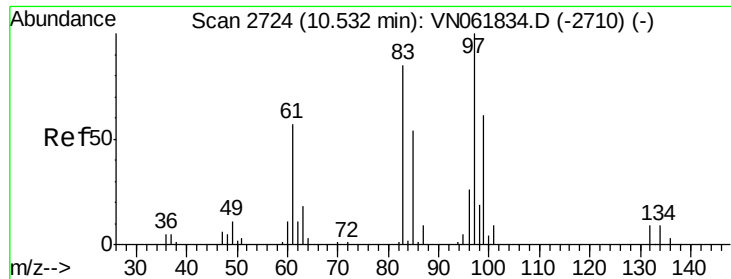
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#54
cis-1,3-Dichloropropene
Concen: 50.744 ug/l
RT: 9.81 min Scan# 2498
Delta R.T. -0.00 min
Lab File: VN062042.D
Acq: 23 Jun 2020 14:23

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.7	24.8	37.2
39	45.3	35.4	53.0





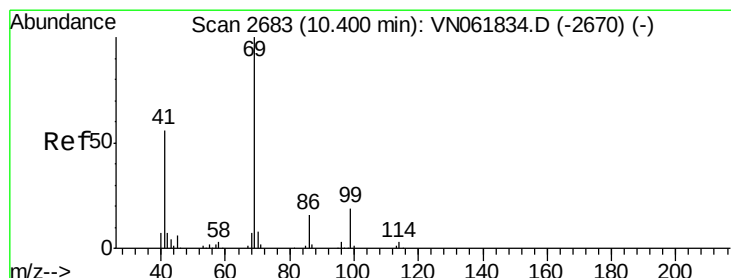
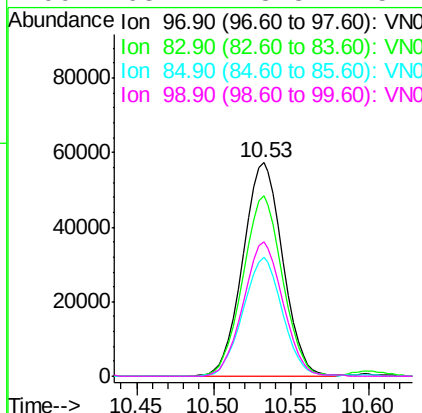
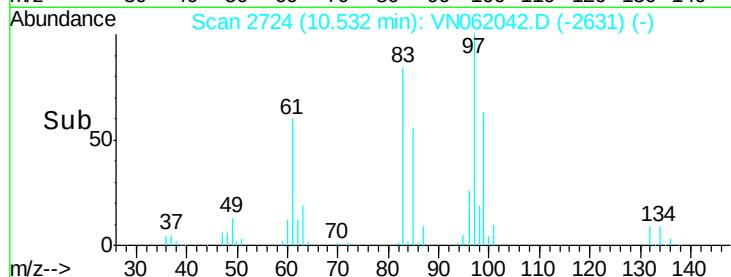
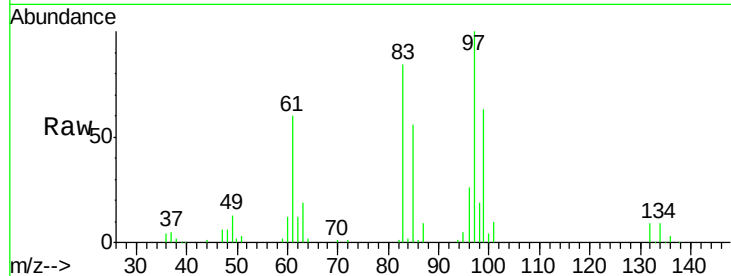
#55
 1,1,2-Trichloroethane
 Concen: 49.893 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. 0.00 min
 Lab File: VN062042.D
 Acq: 23 Jun 2020 14:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		102874		
83	84.2	67.7	101.5		
85	55.6	43.4	65.0		
99	63.2	48.8	73.2		

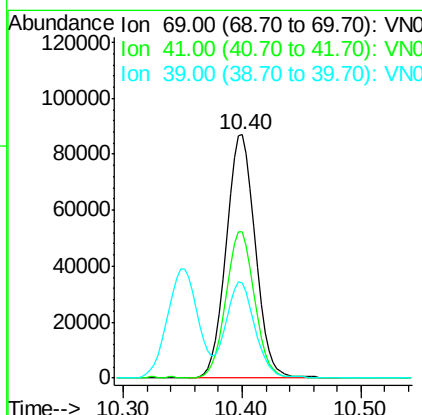
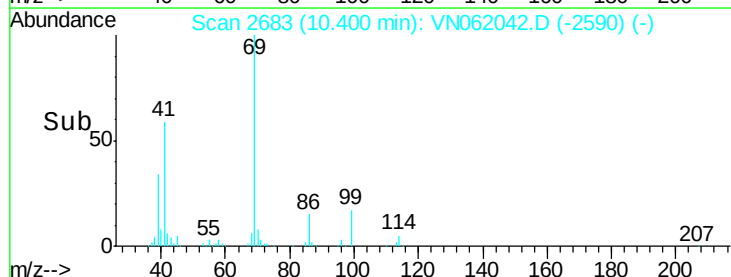
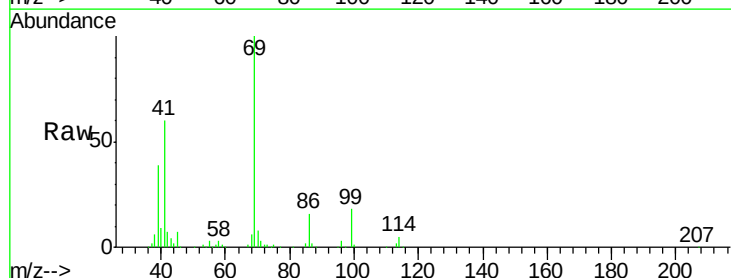
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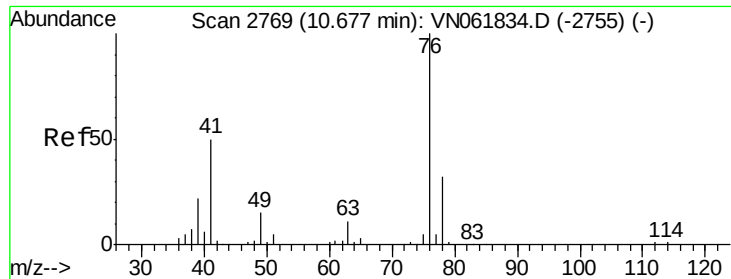
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#56
 Ethyl methacrylate
 Concen: 47.231 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. 0.00 min
 Lab File: VN062042.D
 Acq: 23 Jun 2020 14:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		148215		
41	59.5	44.9	67.3		
39	39.6	30.0	45.0		





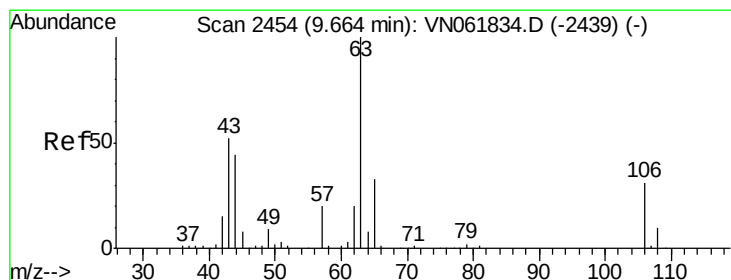
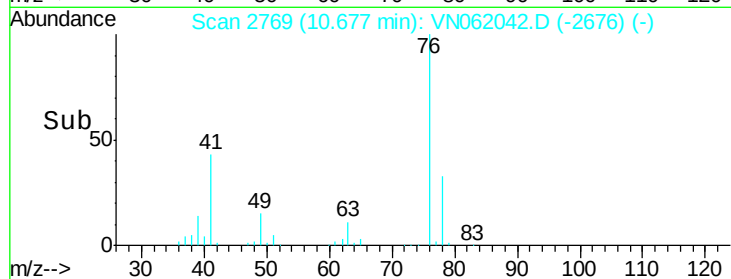
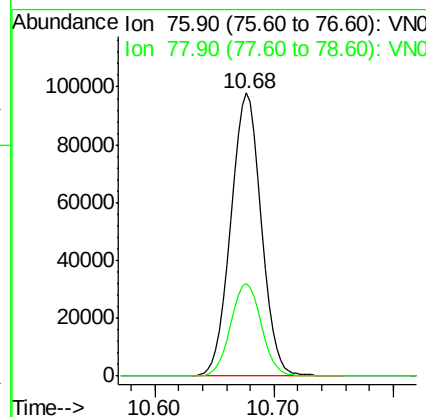
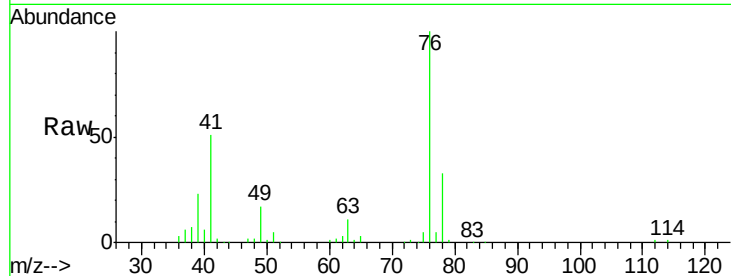
#57
 1,3-Dichloropropane
 Concen: 49.719 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. 0.00 min
 Lab File: VN062042.D
 Acq: 23 Jun 2020 14:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 173675
 Ion Ratio Lower Upper
 76 100
 78 33.1 25.8 38.8

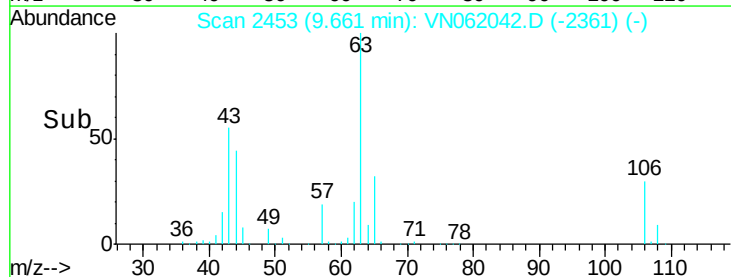
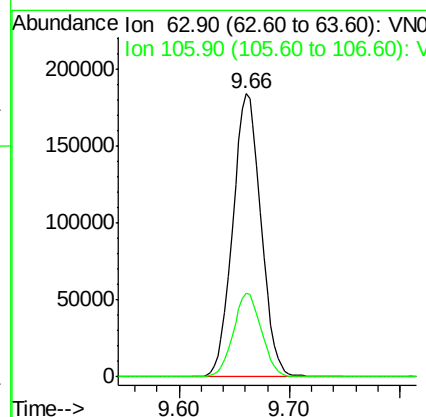
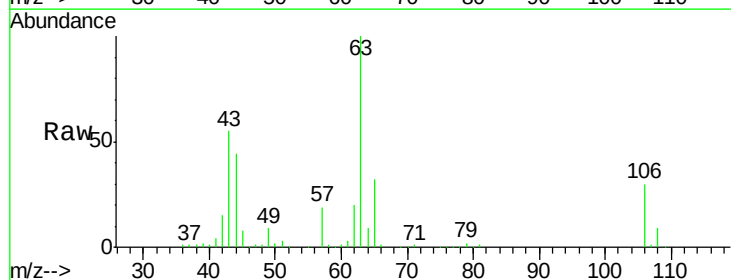
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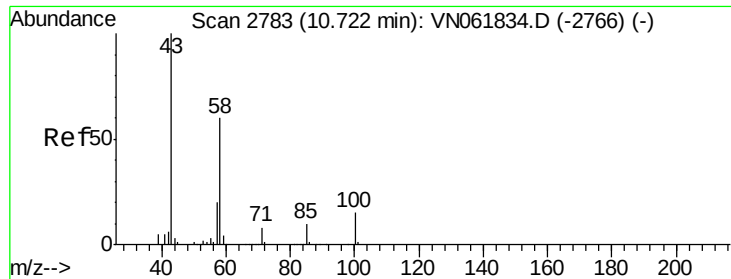
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 6/24/2020 10:59:11 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 300.712 ug/l
 RT: 9.66 min Scan# 2453
 Delta R.T. -0.00 min
 Lab File: VN062042.D
 Acq: 23 Jun 2020 14:23

Tgt Ion: 63 Resp: 327231
 Ion Ratio Lower Upper
 63 100
 106 29.5 24.6 36.8





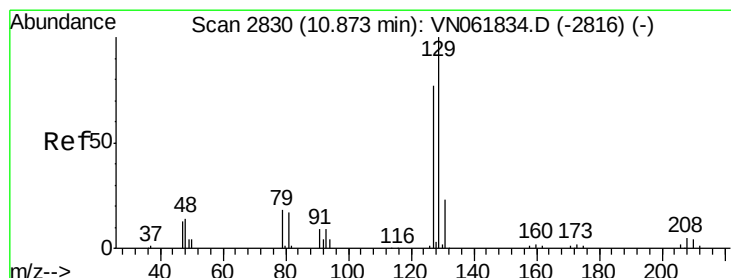
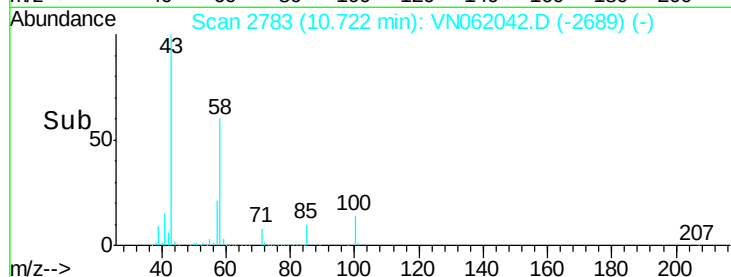
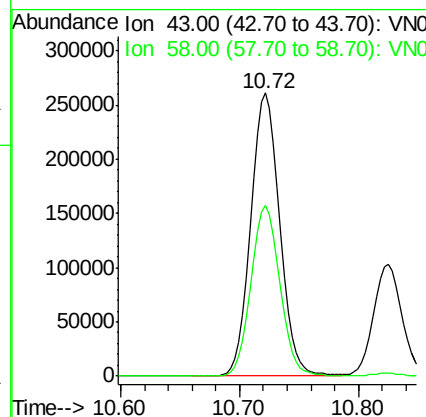
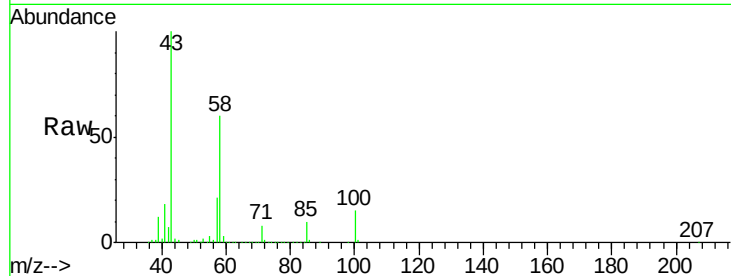
#59
2-Hexanone
Concen: 257.147 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VN062042.D
Acq: 23 Jun 2020 14:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 440781
Ion Ratio Lower Upper
43 100
58 60.2 30.1 90.5

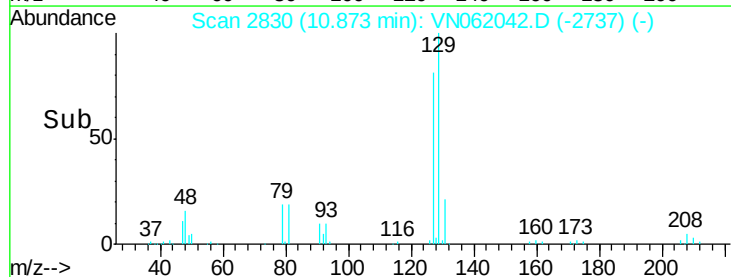
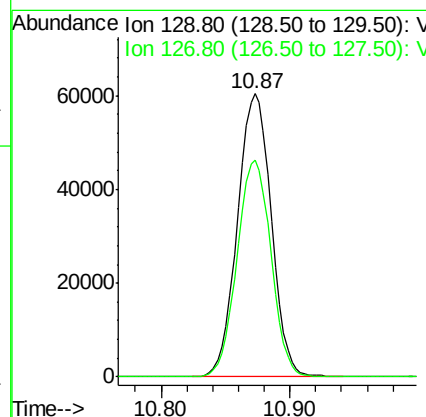
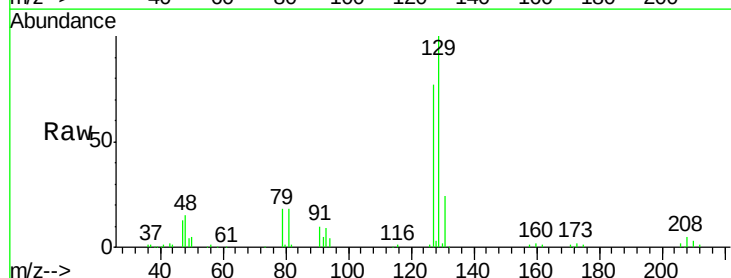
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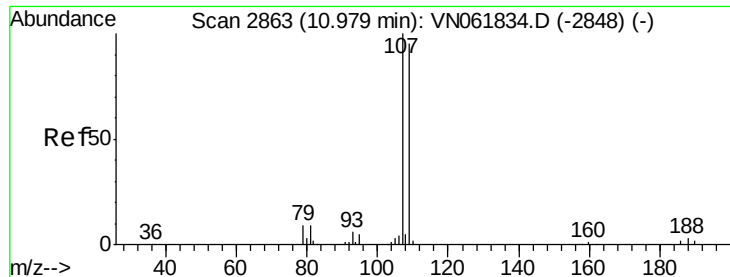
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6/24/2020 10:59:11 AM



#60
Dibromochloromethane
Concen: 47.926 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. 0.00 min
Lab File: VN062042.D
Acq: 23 Jun 2020 14:23

Tgt Ion: 129 Resp: 110266
Ion Ratio Lower Upper
129 100
127 76.8 38.5 115.5





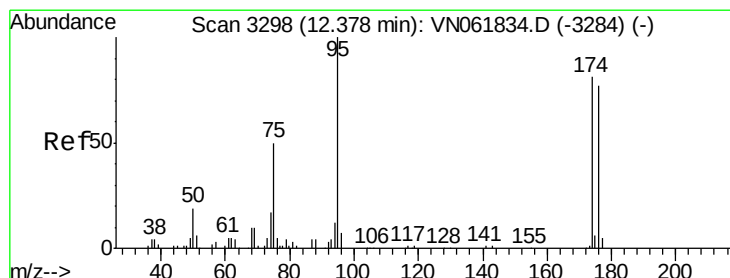
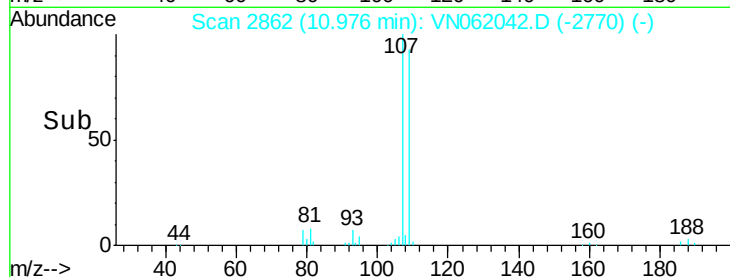
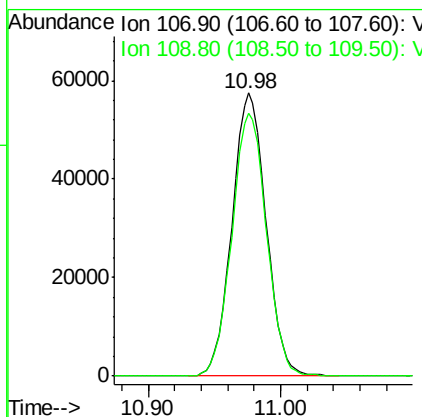
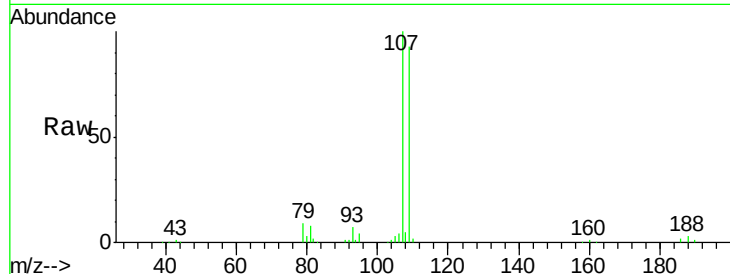
#61
 1,2-Dibromoethane
 Concen: 47.487 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN062042.D
 Acq: 23 Jun 2020 14:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.5	75.0	112.6

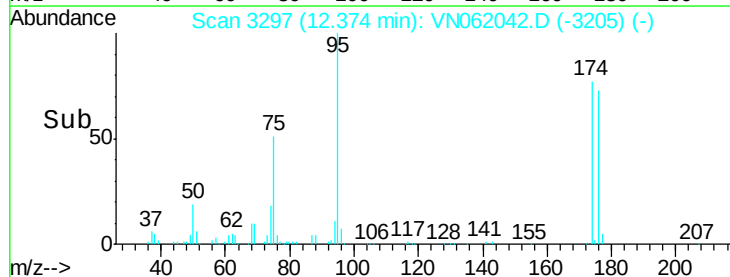
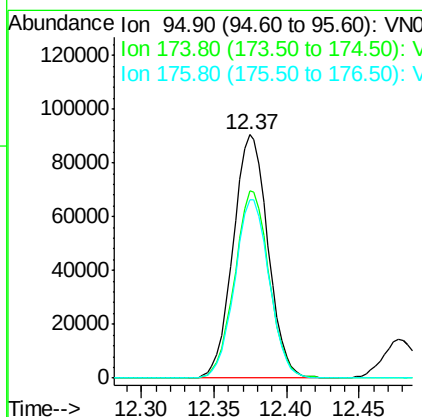
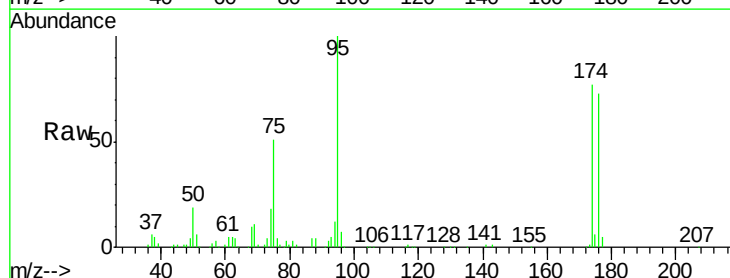
Manual Integrations
 APPROVED

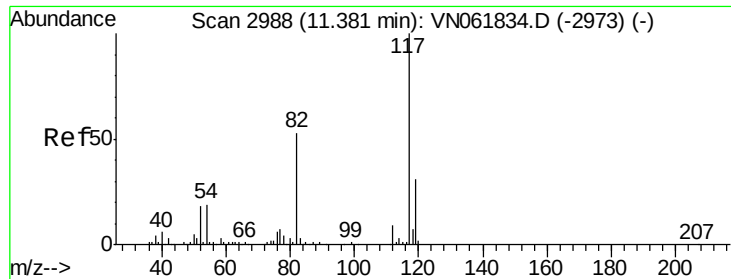
MMDadoda
 6/24/2020 10:59:11 AM



#62
 4-Bromofluorobenzene
 Concen: 57.907 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VN062042.D
 Acq: 23 Jun 2020 14:23

Tgt Ion	Ratio	Lower	Upper
95	100		
174	76.2	0.0	158.6
176	72.9	0.0	152.0





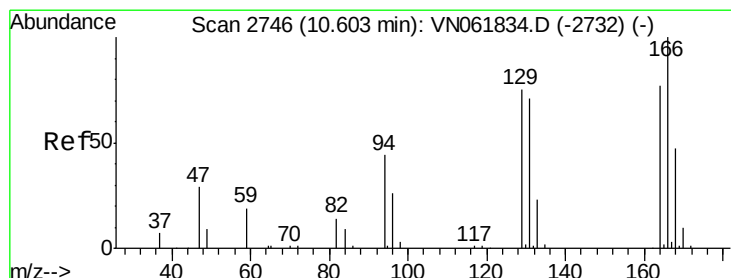
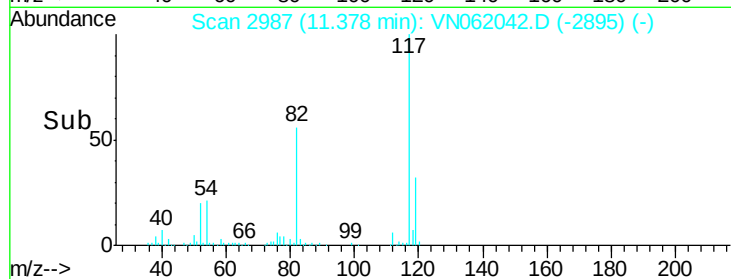
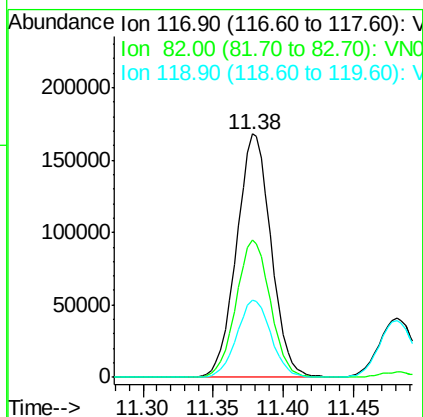
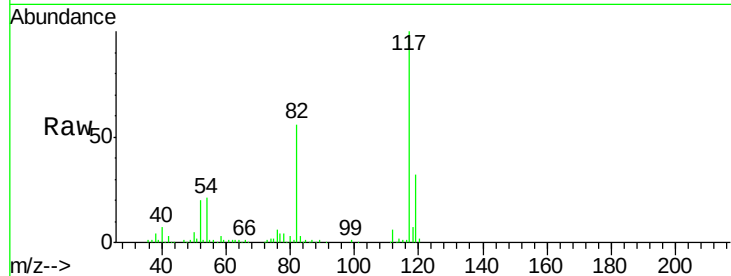
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2987
Delta R.T. -0.00 min
Lab File: VN062042.D
Acq: 23 Jun 2020 14:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	287984		
82	56.2		42.6	64.0
119	31.6		24.7	37.1

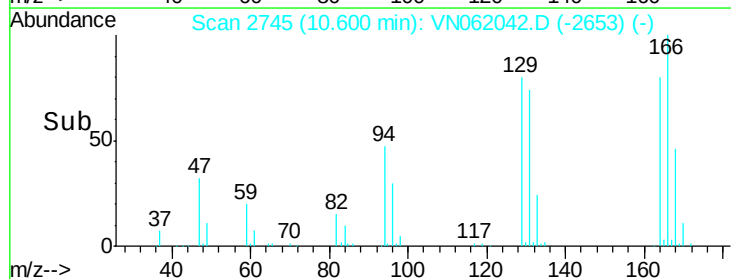
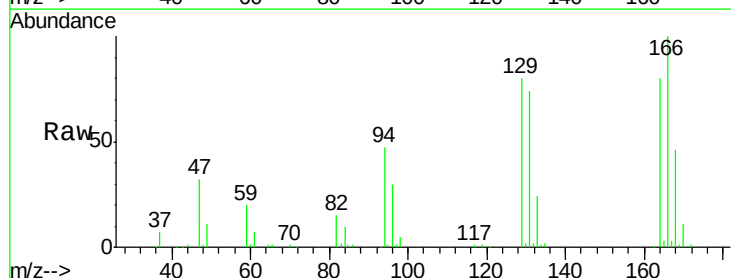
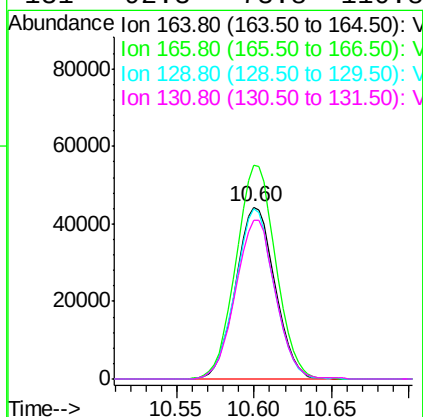
Manual Integrations
APPROVED

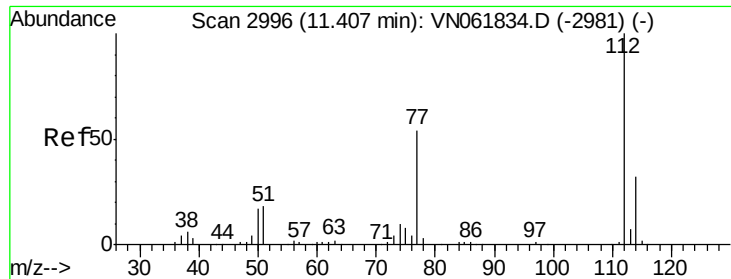
MMDadoda
6/24/2020 10:59:11 AM



#64
Tetrachloroethene
Concen: 42.619 ug/l
RT: 10.60 min Scan# 2745
Delta R.T. -0.00 min
Lab File: VN062042.D
Acq: 23 Jun 2020 14:23

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	78228		
166	124.4		103.5	155.3
129	99.3		77.5	116.3
131	92.3		73.8	110.8





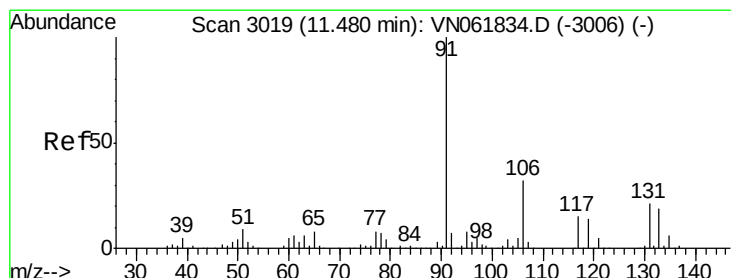
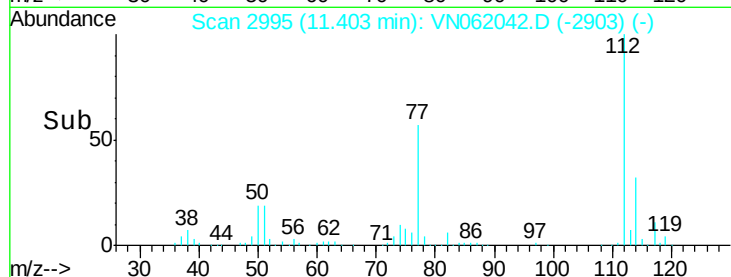
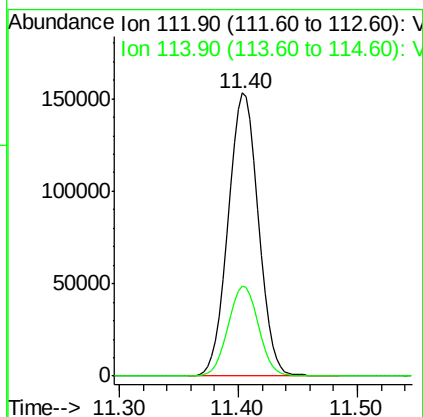
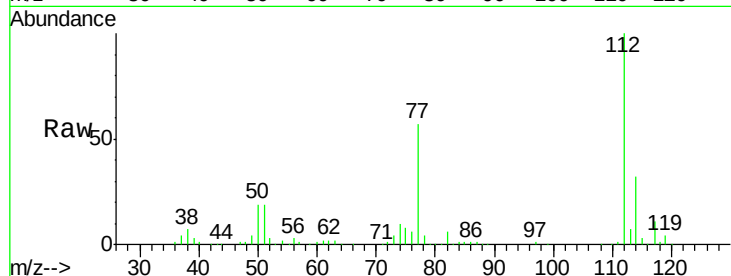
#65
Chlorobenzene
Concen: 44.472 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN062042.D
Acq: 23 Jun 2020 14:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 270246
Ion Ratio Lower Upper
112 100
114 31.8 25.8 38.6

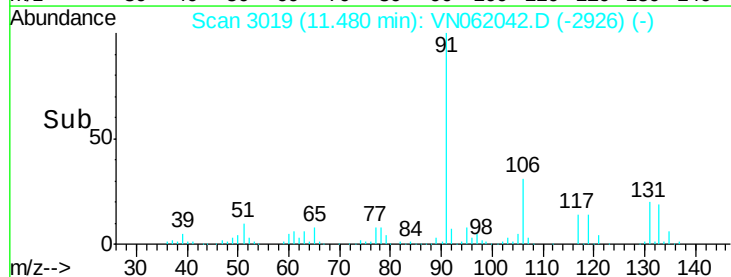
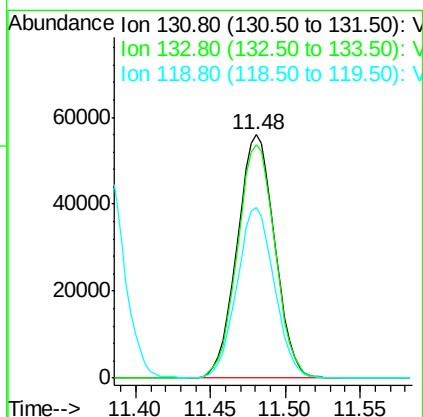
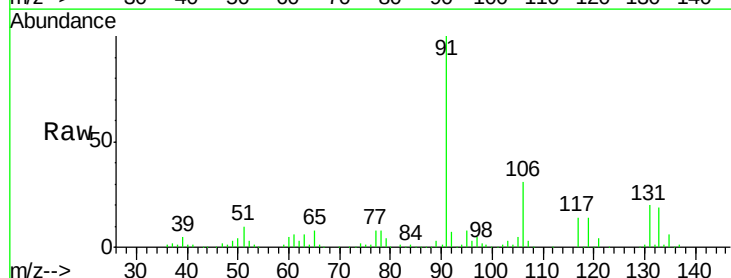
Manual Integrations
APPROVED

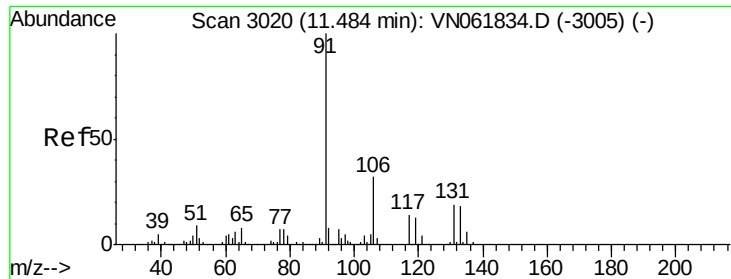
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 46.257 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. 0.00 min
Lab File: VN062042.D
Acq: 23 Jun 2020 14:23

Tgt Ion:131 Resp: 98035
Ion Ratio Lower Upper
131 100
133 96.0 47.5 142.5
119 69.7 34.0 101.8





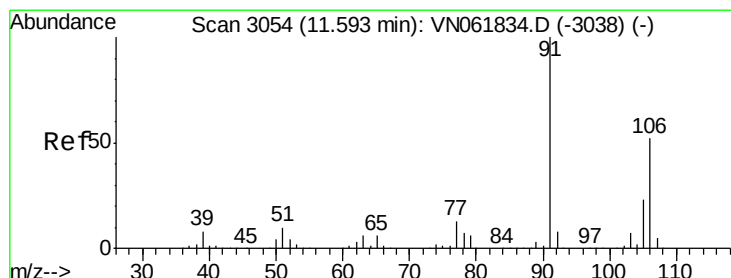
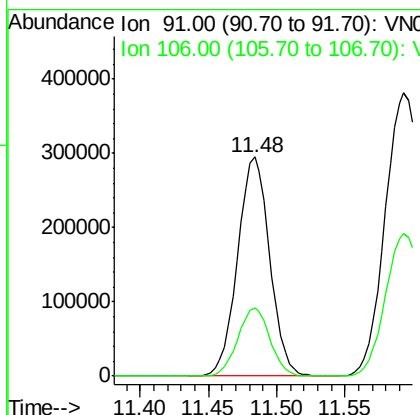
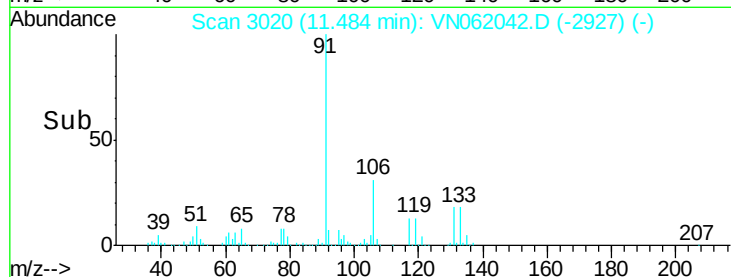
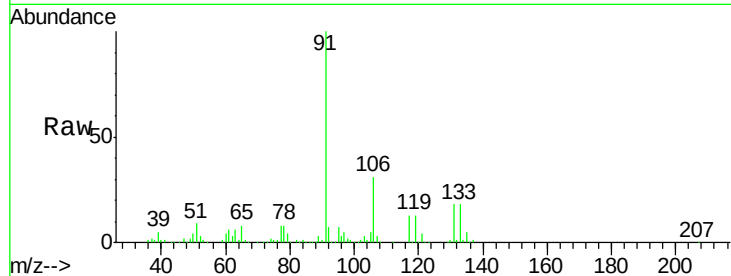
#67
Ethyl Benzene
Concen: 47.266 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN062042.D
Acq: 23 Jun 2020 14:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 481568
Ion Ratio Lower Upper
91 100
106 31.0 25.4 38.2

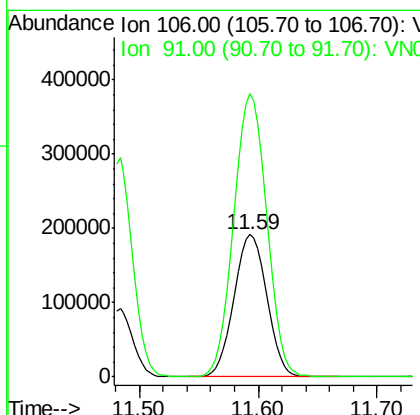
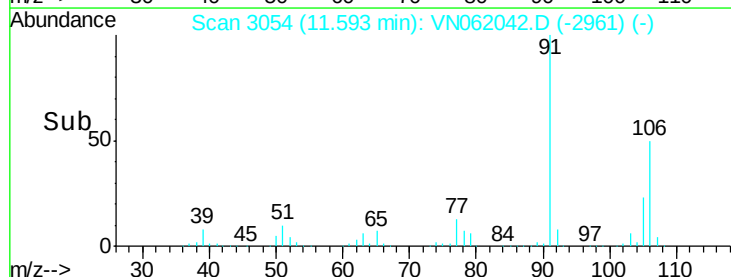
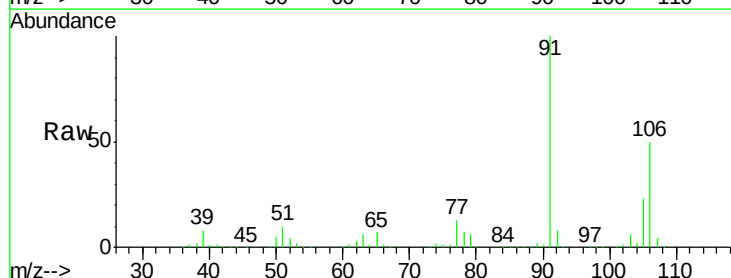
Manual Integrations
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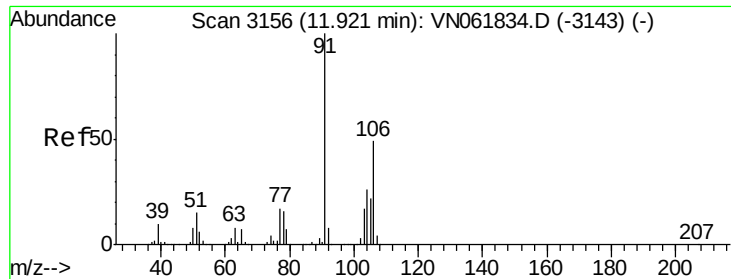
MMDadoda
6/24/2020 10:59:11 AM



#68
m/p-Xylenes
Concen: 93.386 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN062042.D
Acq: 23 Jun 2020 14:23

Tgt Ion: 106 Resp: 366884
Ion Ratio Lower Upper
106 100
91 200.0 157.0 235.6





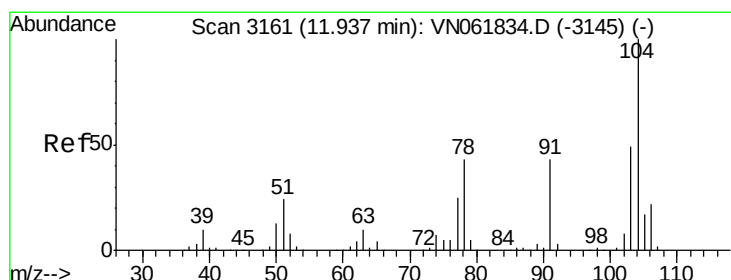
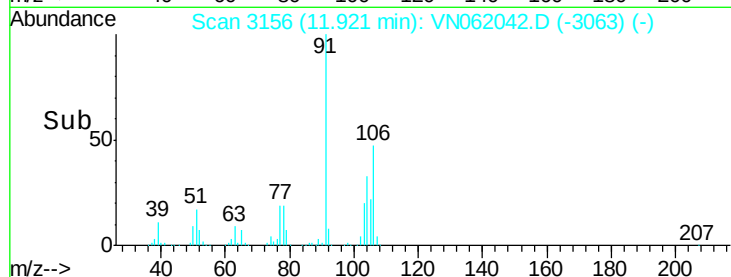
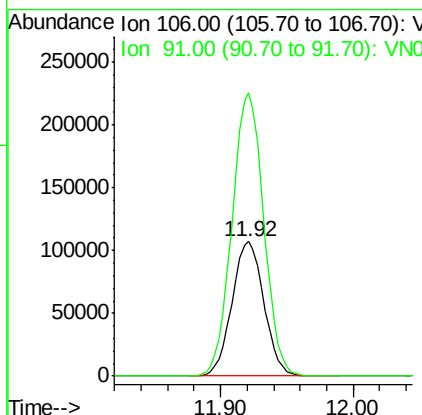
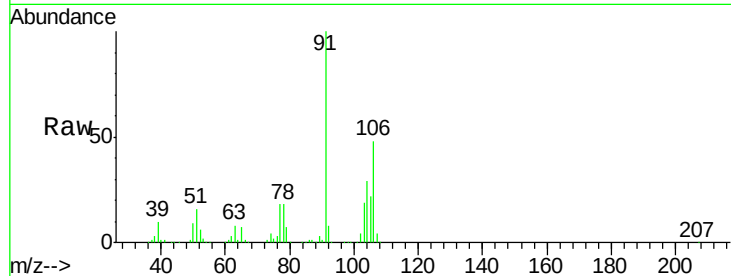
#69
o-Xylene
Concen: 47.630 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN062042.D
Acq: 23 Jun 2020 14:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	209.6	103.0	308.9	

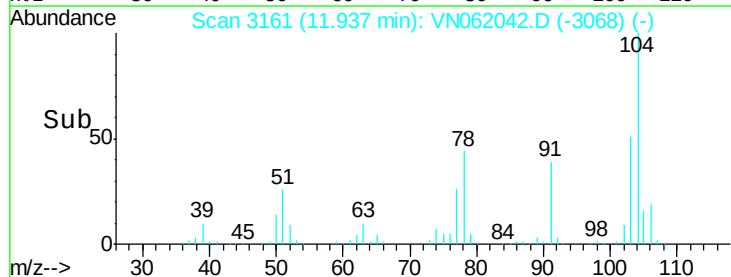
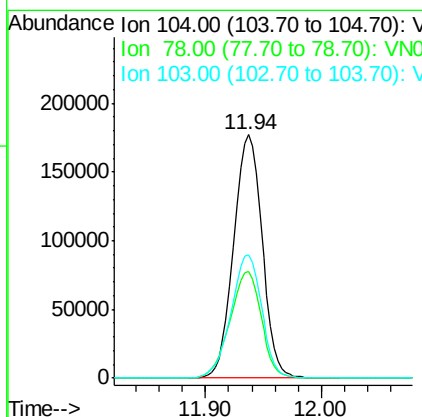
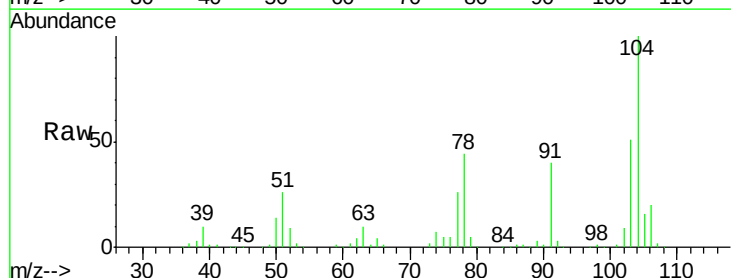
Manual Integrations
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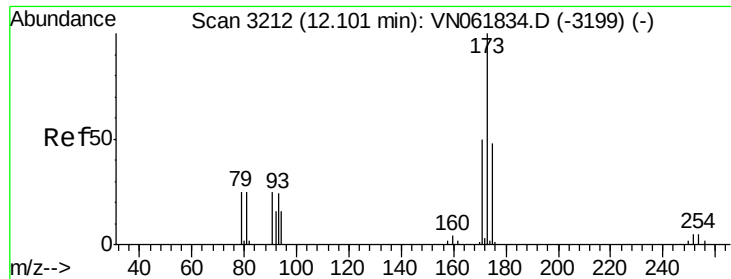
MMDadoda
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#70
Styrene
Concen: 48.147 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. 0.00 min
Lab File: VN062042.D
Acq: 23 Jun 2020 14:23

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	48.1	37.6	56.4	
103	54.5	43.0	64.4	





#71

Bromoform

Concen: 46.450 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. 0.00 min

Lab File: VN062042.D

Acq: 23 Jun 2020 14:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 71780

Ion Ratio Lower Upper

173 100

175 48.2 23.9 71.7

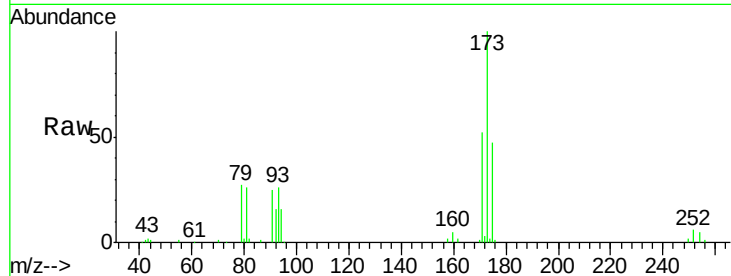
254 0.0 0.0 0.0

Manual Integrations

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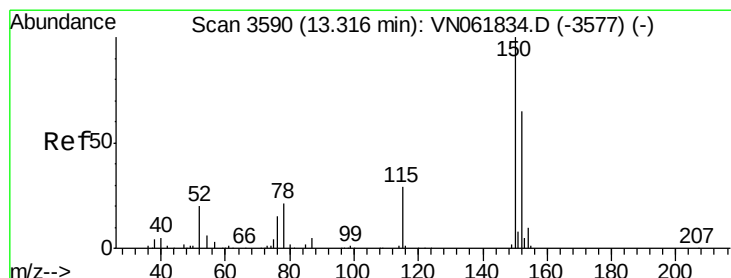
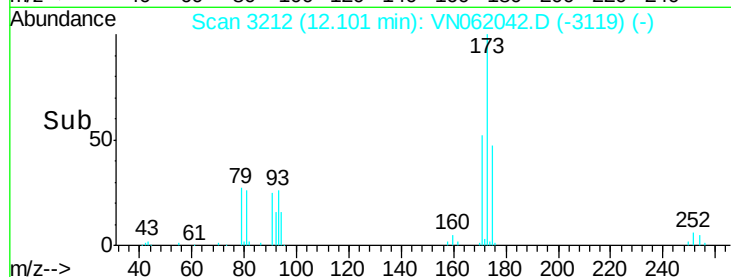
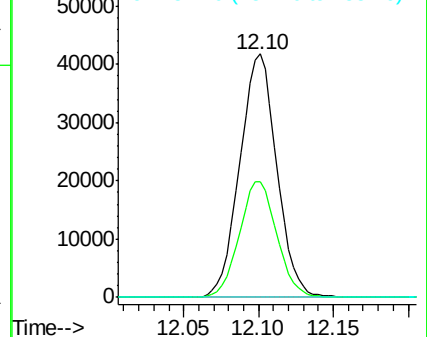
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Abundance Ion 172.70 (172.40 to 173.40): V

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: VN062042.D

Acq: 23 Jun 2020 14:23

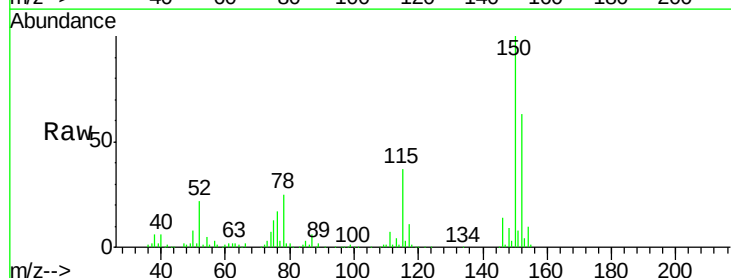
Tgt Ion:152 Resp: 139022

Ion Ratio Lower Upper

152 100

115 58.3 29.1 87.3

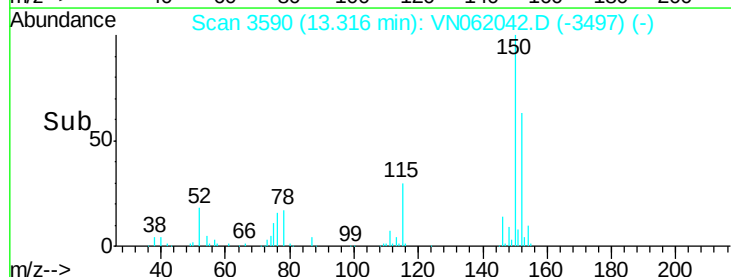
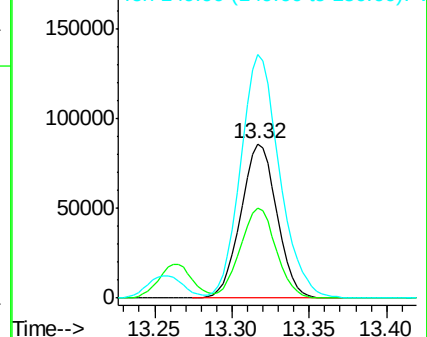
150 170.6 0.0 347.6

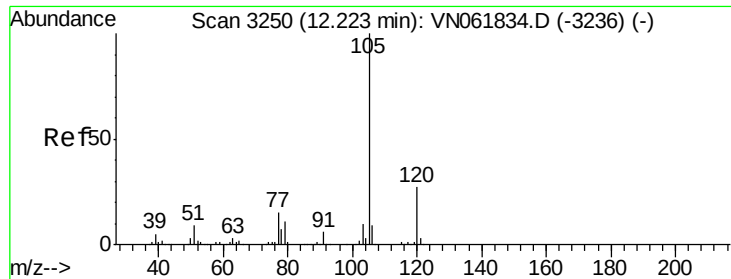


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





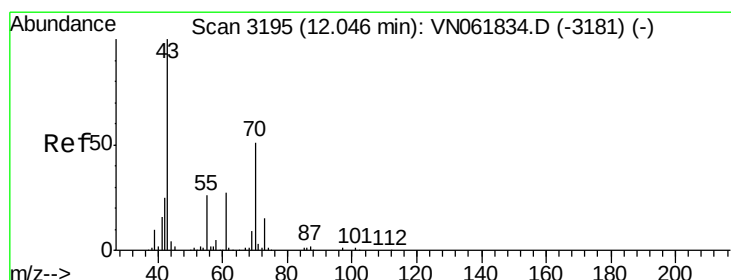
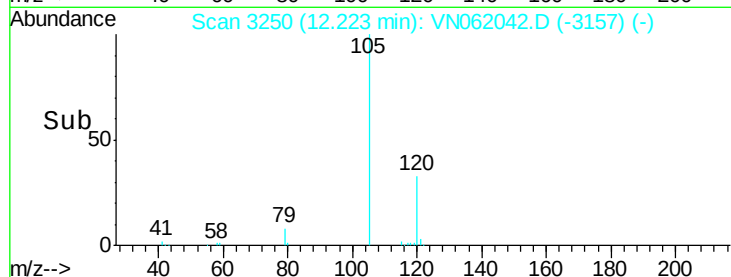
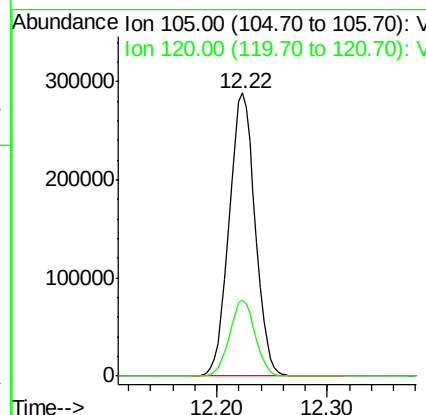
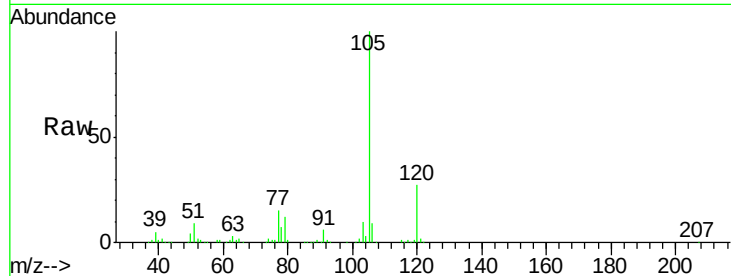
#73
Isopropylbenzene
Concen: 47.655 ug/l
RT: 12.22 min Scan# 3250
Delta R.T. 0.00 min
Lab File: VN062042.D
Acq: 23 Jun 2020 14:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.5	13.3	39.8

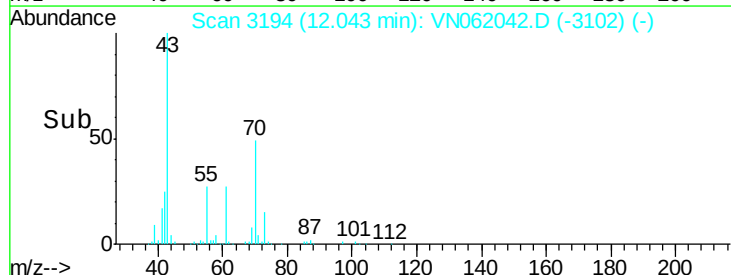
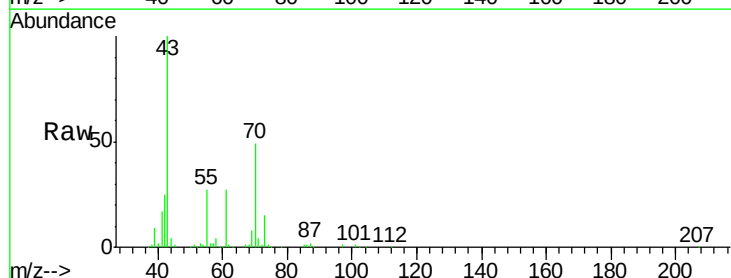
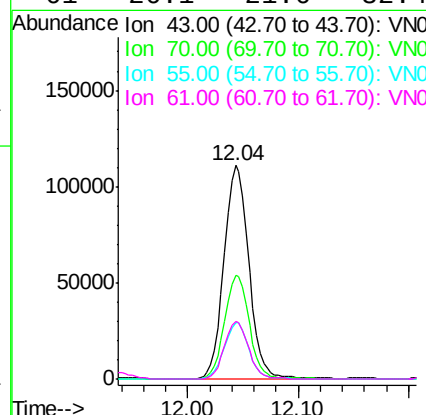
Manual Integrations
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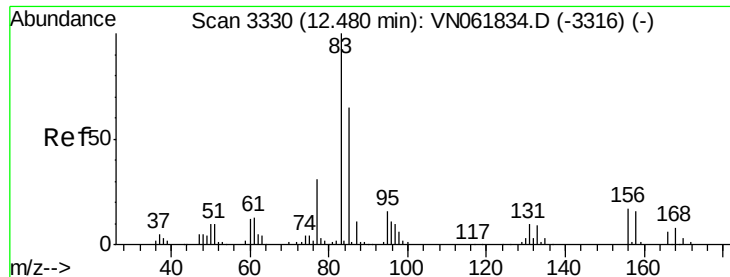
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#74
N-ethyl acetate
Concen: 48.857 ug/l
RT: 12.04 min Scan# 3194
Delta R.T. -0.00 min
Lab File: VN062042.D
Acq: 23 Jun 2020 14:23

Tgt Ion	Ratio	Lower	Upper
43	100		
70	48.2	40.6	60.8
55	26.1	21.5	32.3
61	26.1	21.6	32.4





#75

1,1,2,2-Tetrachloroethane

Concen: 47.874 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN062042.D

Acq: 23 Jun 2020 14:23

Instrument :

MSVOA_N

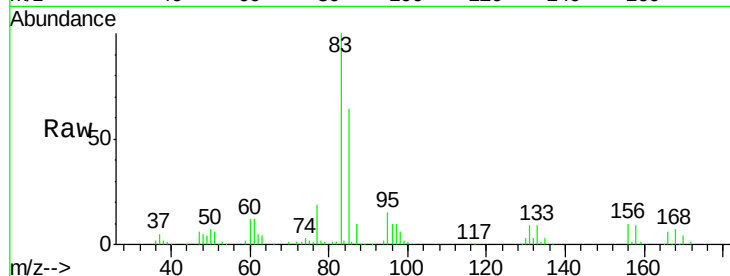
ClientSampleId :

VSTDCCC050

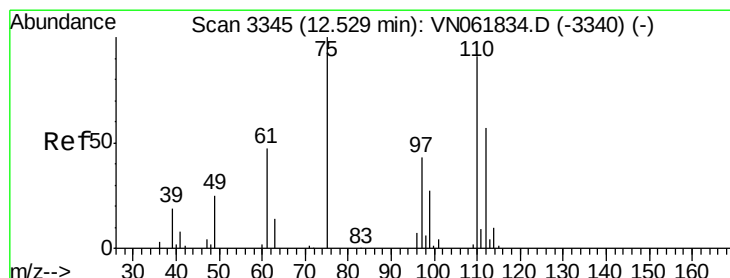
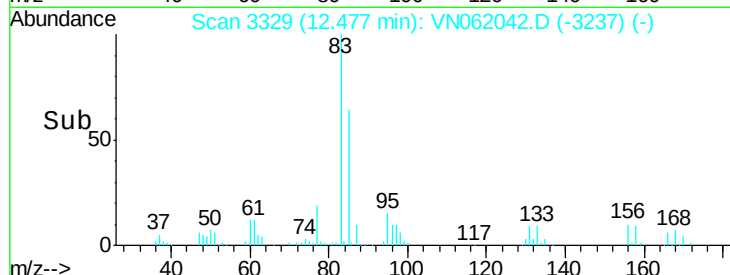
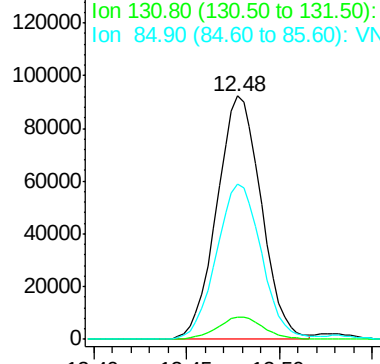
Tot Ion:	83	Resp:	153766
Ion Ratio	Lower	Upper	
83	100		
131	9.5	5.0	15.0
85	64.6	32.4	97.2

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



#76

1,2,3-Trichloropropane

Concen: 49.869 ug/l m

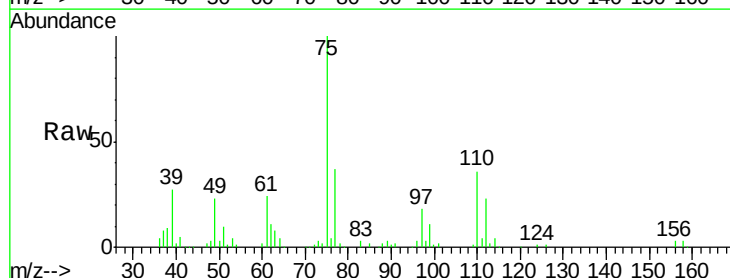
RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

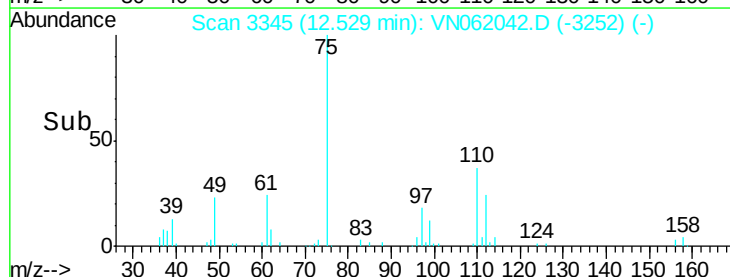
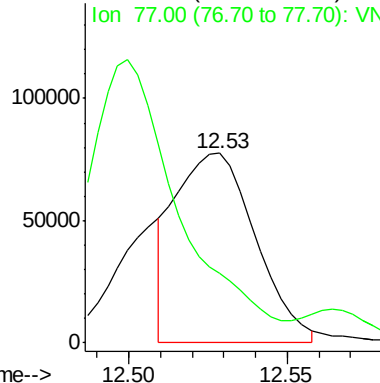
Lab File: VN062042.D

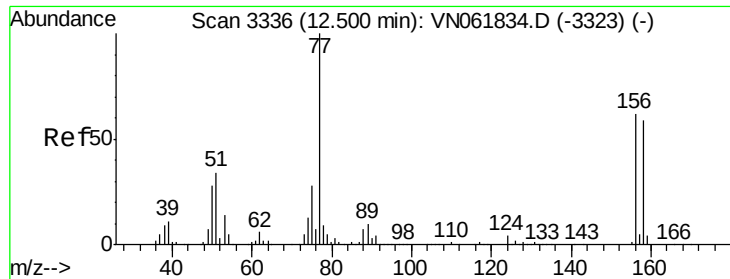
Acq: 23 Jun 2020 14:23

Tgt Ion:	75	Resp:	136109
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) (-)





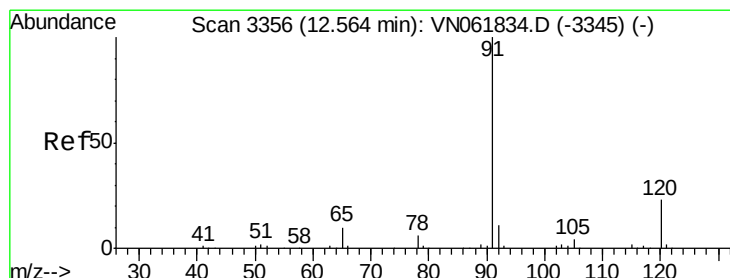
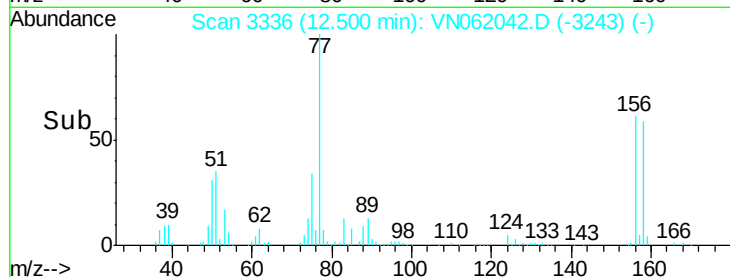
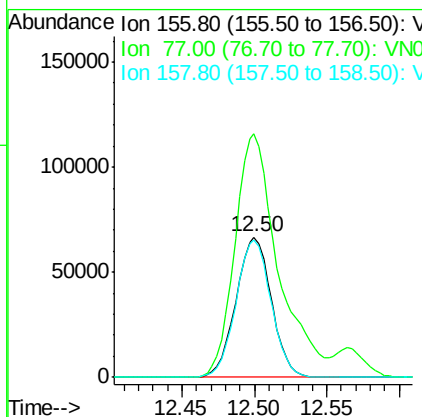
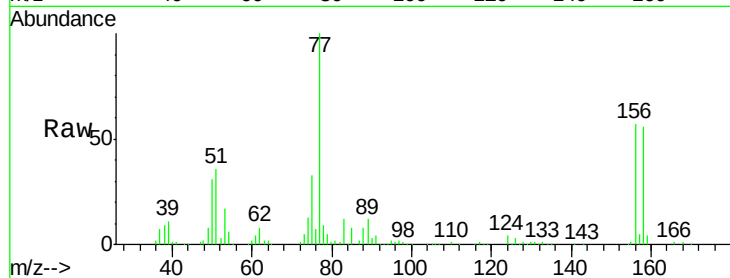
#77
Bromobenzene
Concen: 45.293 ug/l
RT: 12.50 min Scan# 3336
Delta R.T. 0.00 min
Lab File: VN062042.D
Acq: 23 Jun 2020 14:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	213.1	100.7	302.1
158	97.4	48.5	145.5

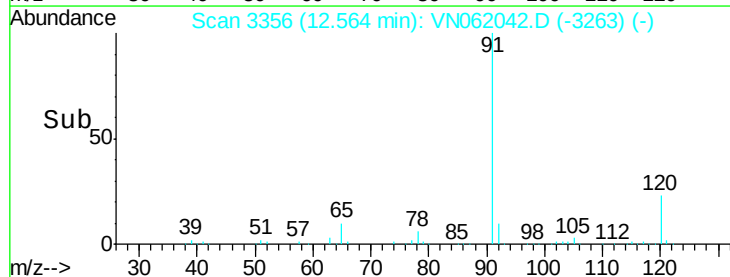
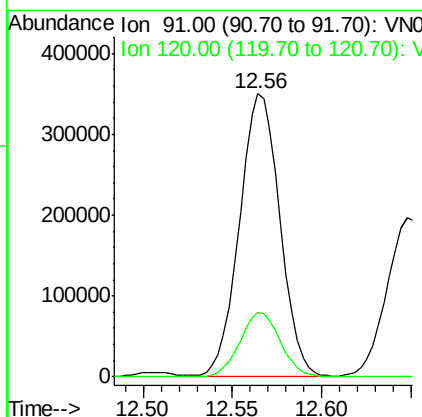
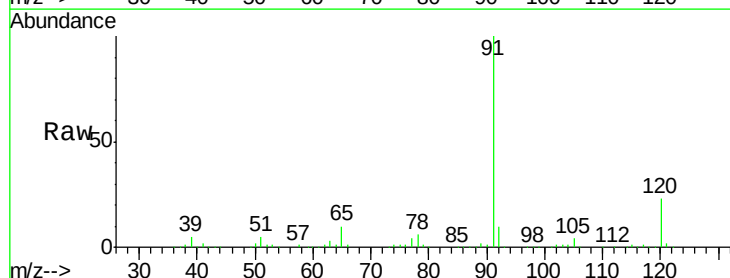
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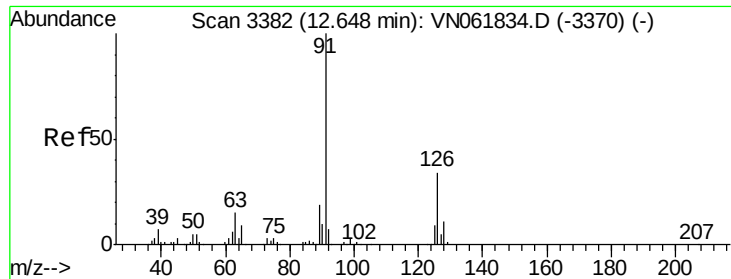
MMDadoda
6/24/2020 10:59:11 AM



#78
n-propylbenzene
Concen: 48.628 ug/l
RT: 12.56 min Scan# 3356
Delta R.T. 0.00 min
Lab File: VN062042.D
Acq: 23 Jun 2020 14:23

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.9	11.6	34.8





#79

2-Chlorotoluene

Concen: 47.732 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. 0.00 min

Lab File: VN062042.D

Acq: 23 Jun 2020 14:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 323157

Ion Ratio Lower Upper

91 100

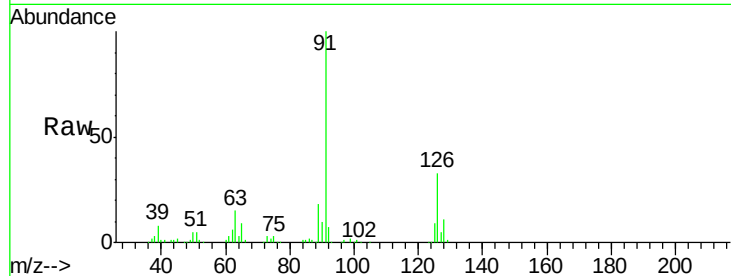
126 33.3 17.3 51.7

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Abundance Ion 91.00 (90.70 to 91.70): VN061834.D (-3370) (-)

Ion 125.90 (125.60 to 126.60): VN061834.D (-3370) (-)

300000

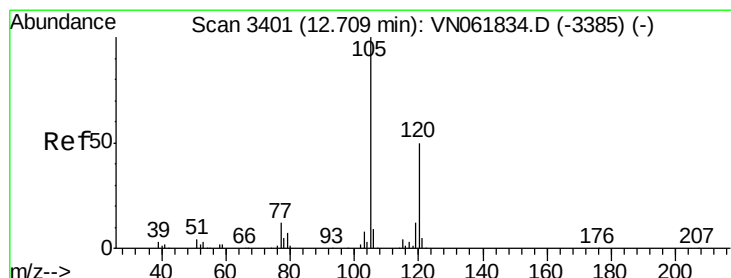
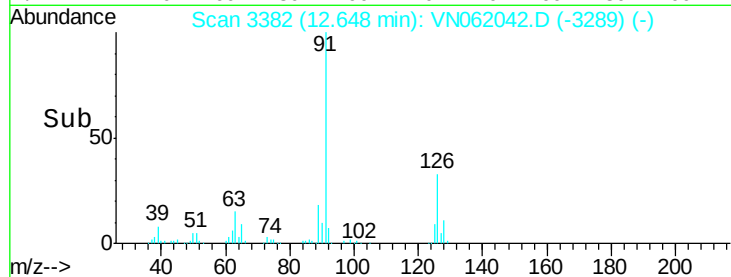
200000

100000

0

12.60 12.65 12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 47.656 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. 0.00 min

Lab File: VN062042.D

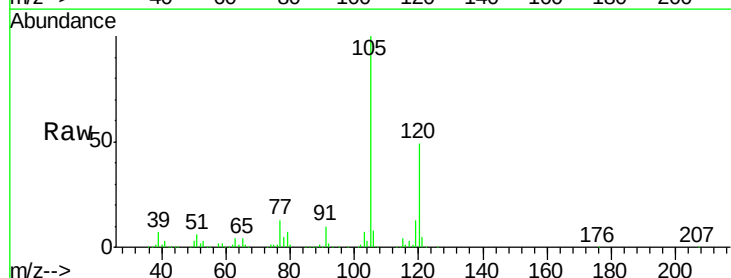
Acq: 23 Jun 2020 14:23

Tgt Ion: 105 Resp: 389498

Ion Ratio Lower Upper

105 100

120 49.3 24.9 74.7



Abundance Ion 105.00 (104.70 to 105.70): VN061834.D (-3385) (-)

Ion 120.00 (119.70 to 120.70): VN061834.D (-3385) (-)

250000

200000

150000

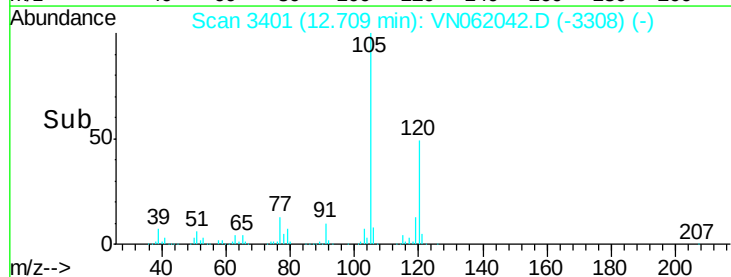
100000

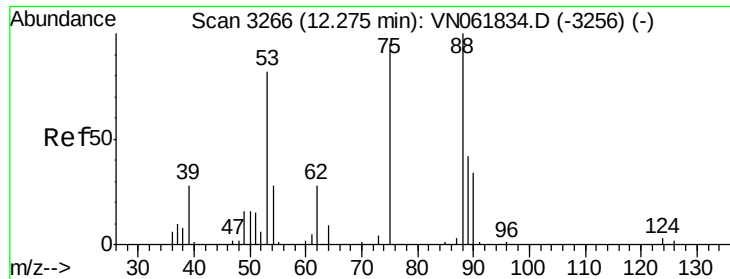
50000

0

12.60 12.70 12.80

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 50.740 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. 0.00 min

Lab File: VN062042.D

Acq: 23 Jun 2020 14:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 50776

Ion Ratio Lower Upper

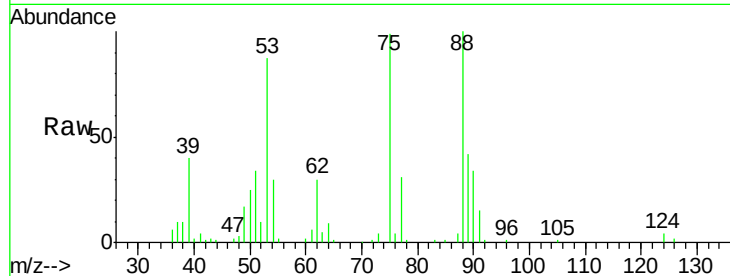
75 100

53 92.6 70.4 105.6

89 44.5 36.0 54.0

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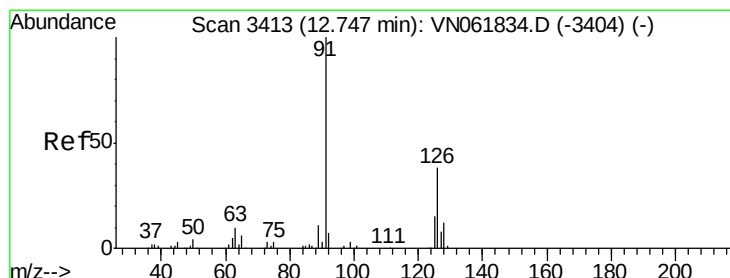
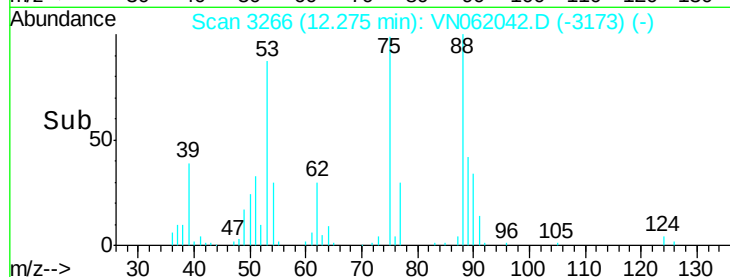
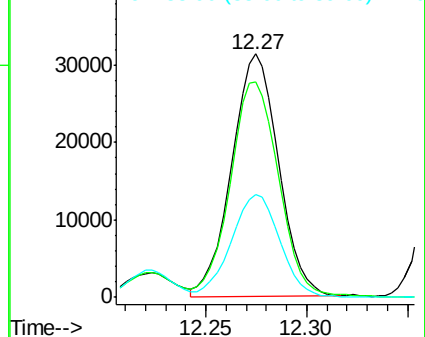
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Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 47.708 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN062042.D

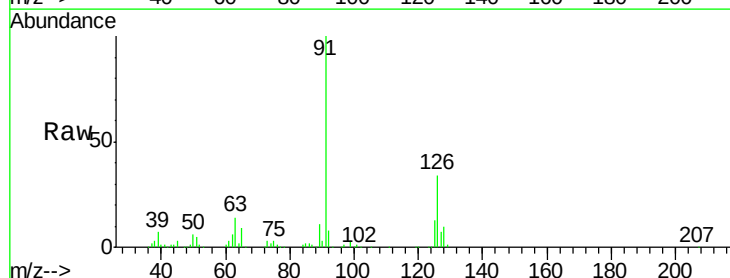
Acq: 23 Jun 2020 14:23

Tgt Ion: 91 Resp: 333746

Ion Ratio Lower Upper

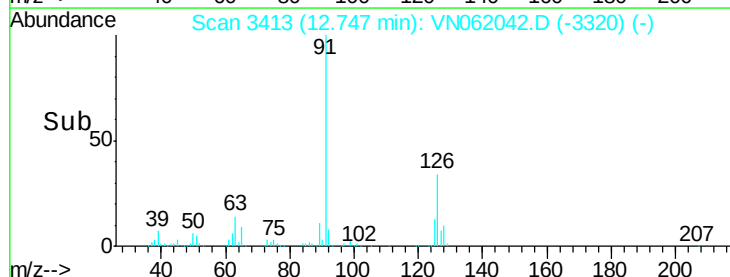
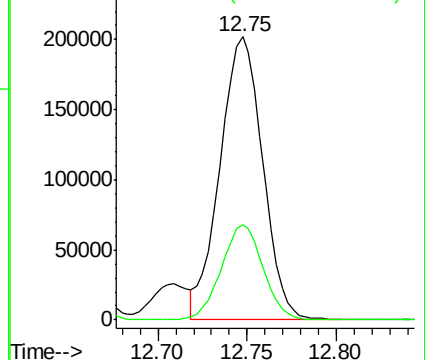
91 100

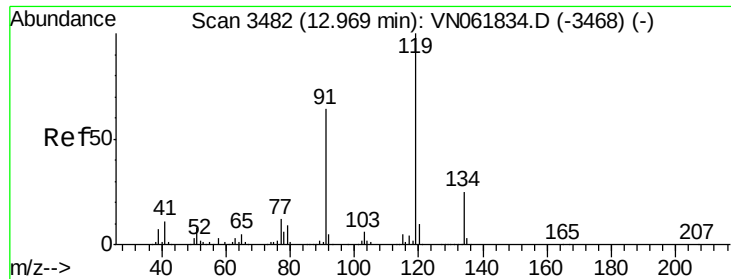
126 33.2 17.2 51.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





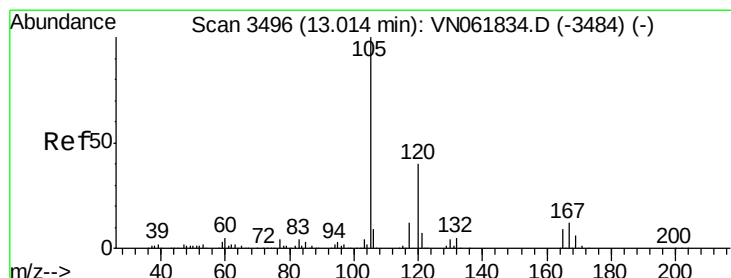
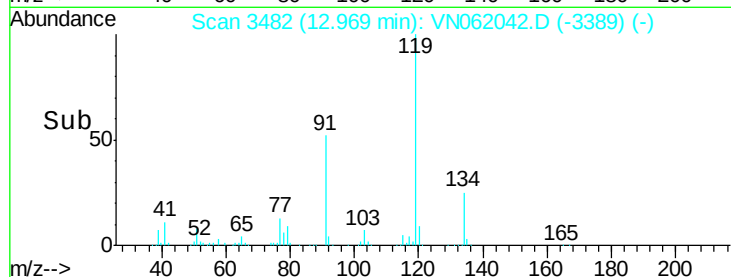
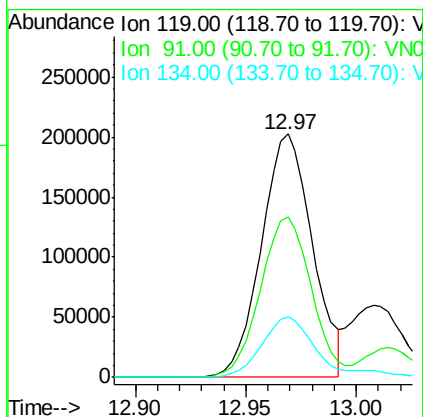
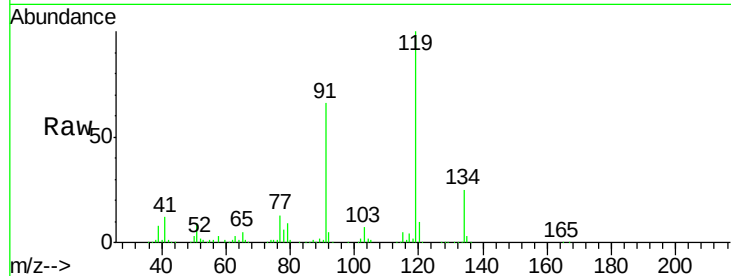
#83
 tert-Butylbenzene
 Concen: 46.933 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. 0.00 min
 Lab File: VN062042.D
 Acq: 23 Jun 2020 14:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	325197		
91	65.6		31.5	94.5
134	24.9		13.3	39.9

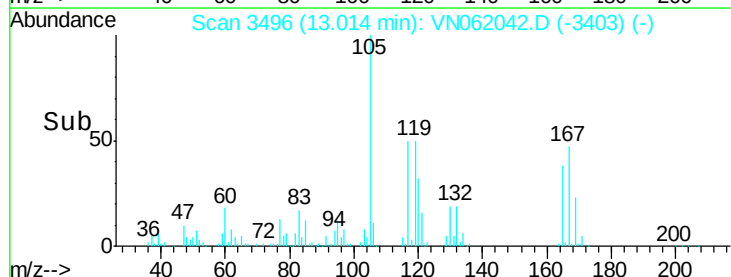
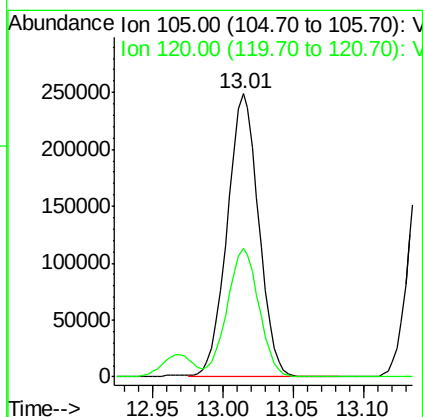
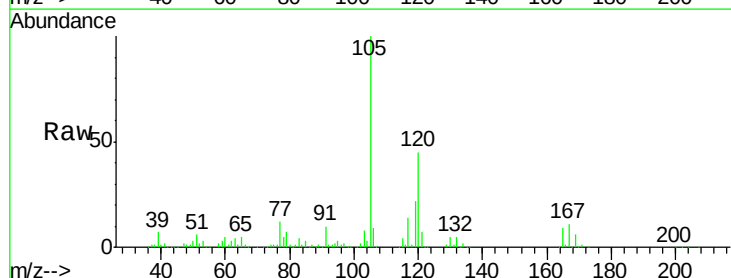
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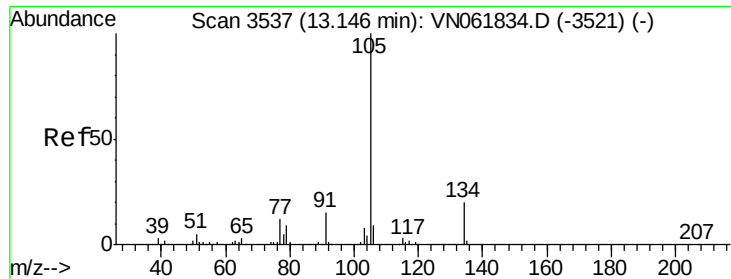
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#84
 1,2,4-Trimethylbenzene
 Concen: 47.890 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. 0.00 min
 Lab File: VN062042.D
 Acq: 23 Jun 2020 14:23

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	386375		
120	46.0		23.3	69.9





#85

sec-Butylbenzene

Concen: 49.435 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. 0.00 min

Lab File: VN062042.D

Acq: 23 Jun 2020 14:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 448338

Ion Ratio Lower Upper

105 100

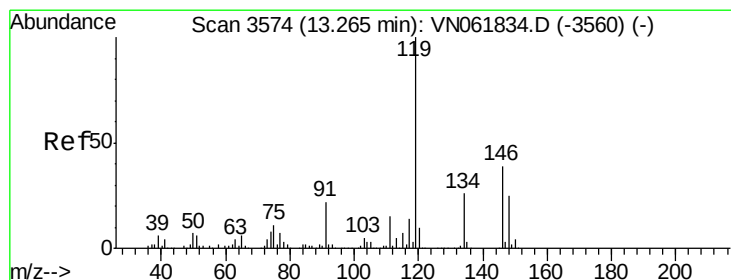
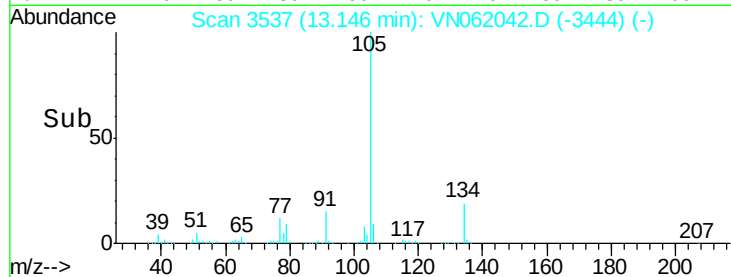
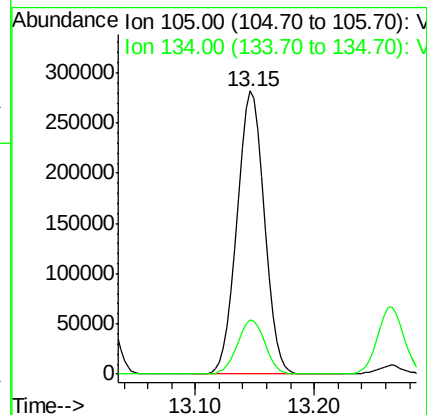
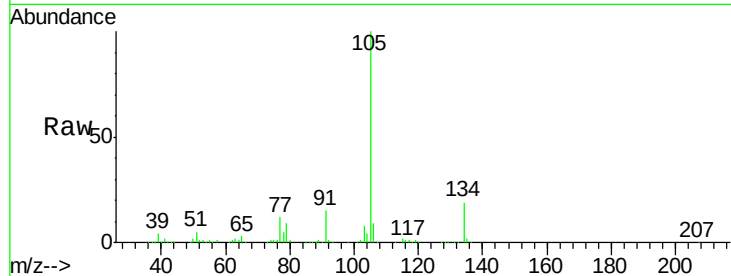
134 19.4 10.1 30.1

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#86

p-Isopropyltoluene

Concen: 49.089 ug/l

RT: 13.26 min Scan# 3573

Delta R.T. -0.00 min

Lab File: VN062042.D

Acq: 23 Jun 2020 14:23

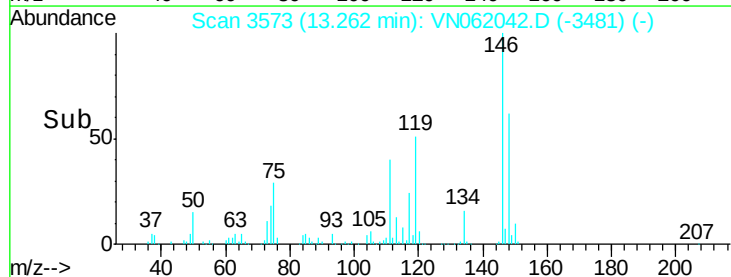
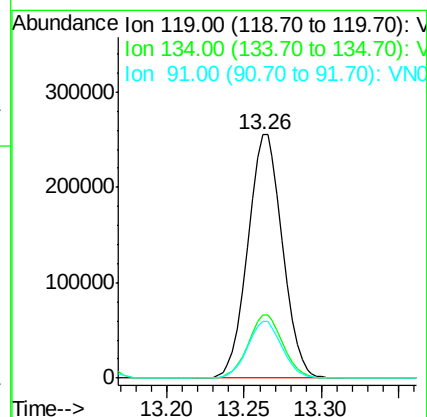
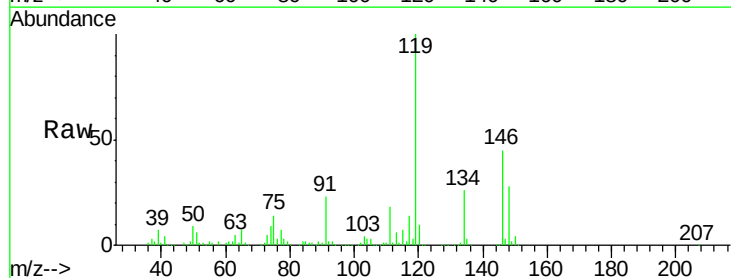
Tgt Ion:119 Resp: 396705

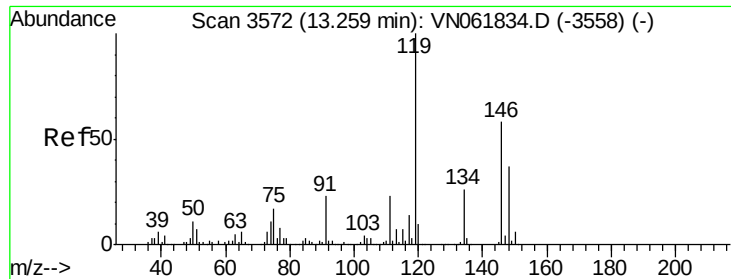
Ion Ratio Lower Upper

119 100

134 26.0 13.3 39.9

91 23.0 11.2 33.6





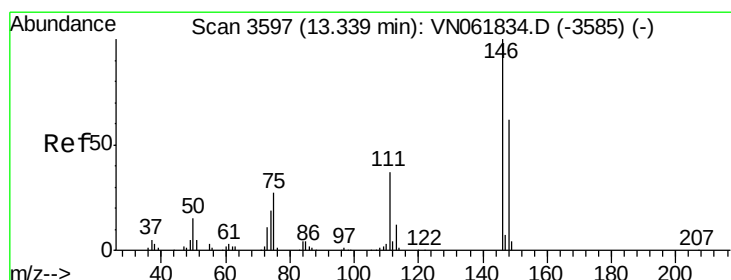
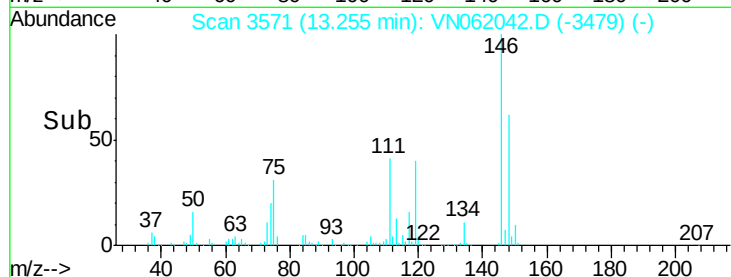
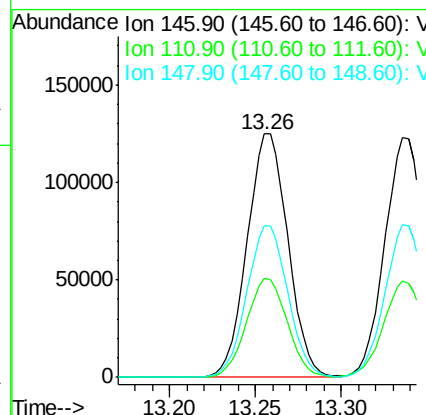
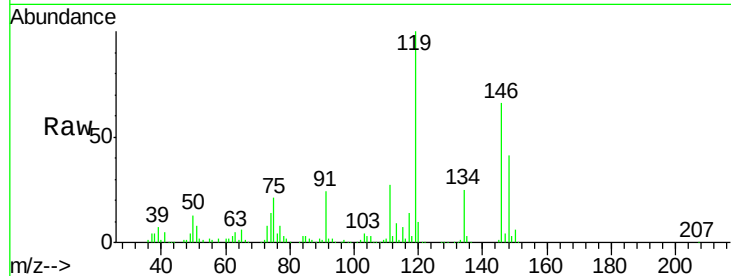
#87
 1,3-Dichlorobenzene
 Concen: 45.338 ug/l
 RT: 13.26 min Scan# 3571
 Delta R.T. -0.00 min
 Lab File: VN062042.D
 Acq: 23 Jun 2020 14:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	19.6	58.8
148	62.6	31.8	95.4

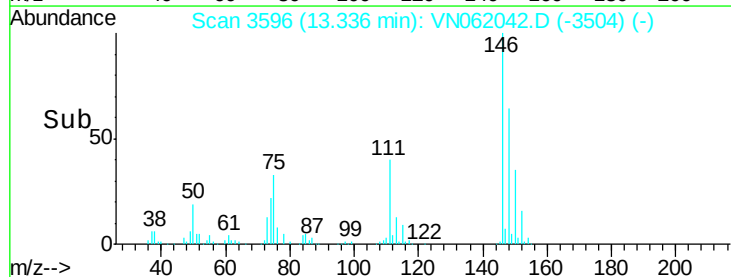
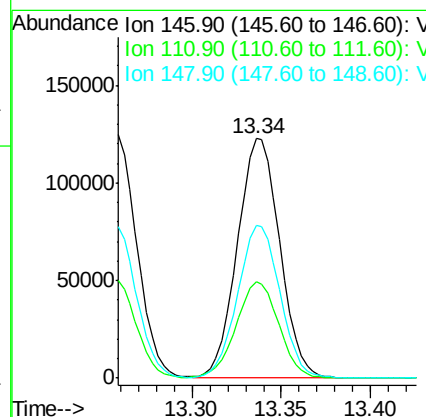
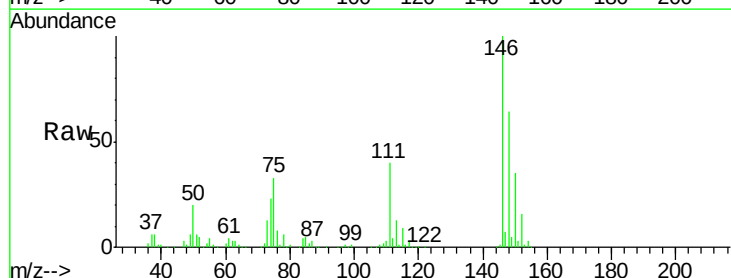
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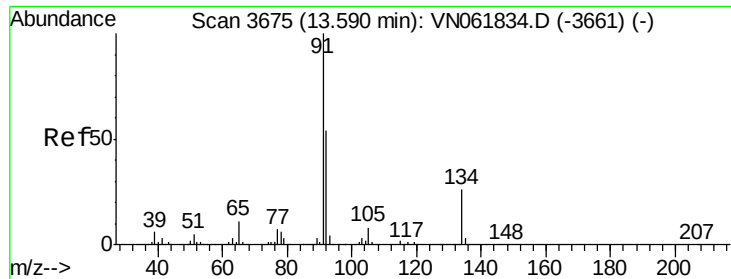
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#88
 1,4-Dichlorobenzene
 Concen: 43.401 ug/l
 RT: 13.34 min Scan# 3596
 Delta R.T. -0.00 min
 Lab File: VN062042.D
 Acq: 23 Jun 2020 14:23

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.9	19.3	57.8
148	64.3	31.6	94.7





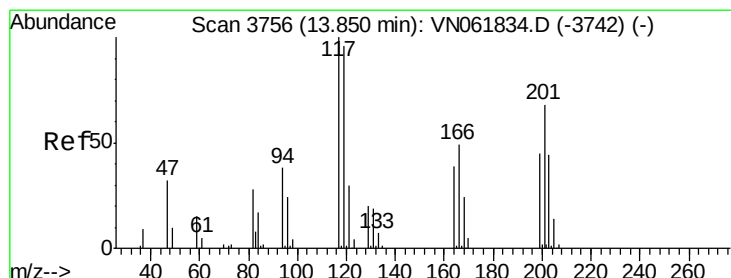
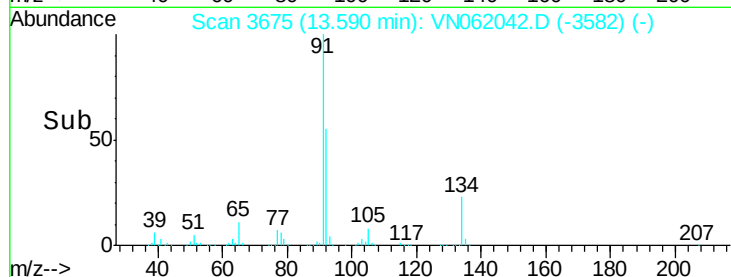
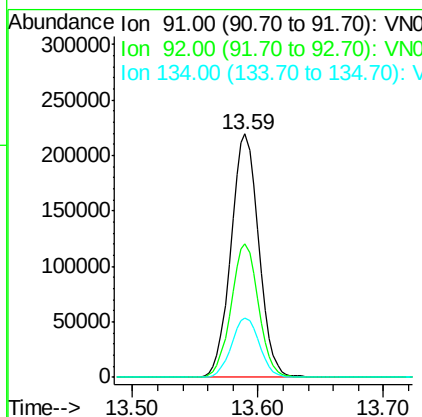
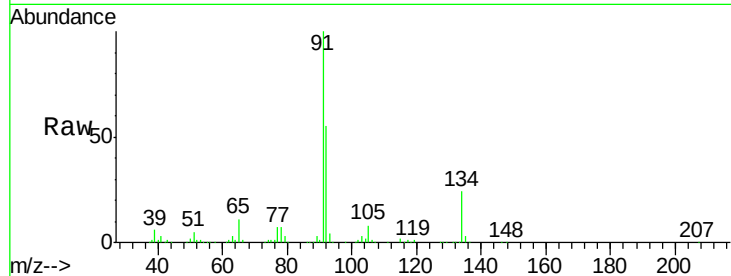
#89
n-Butylbenzene
Concen: 49.883 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. 0.00 min
Lab File: VN062042.D
Acq: 23 Jun 2020 14:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.2	27.0	80.8
134	24.7	13.0	39.0

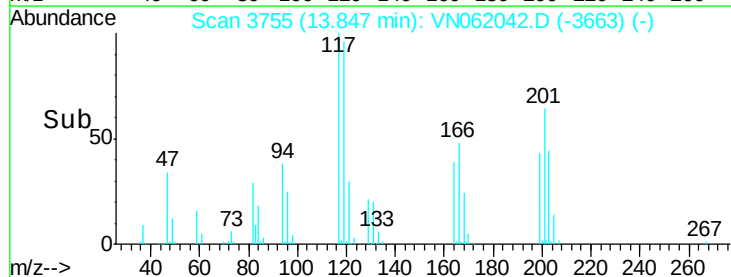
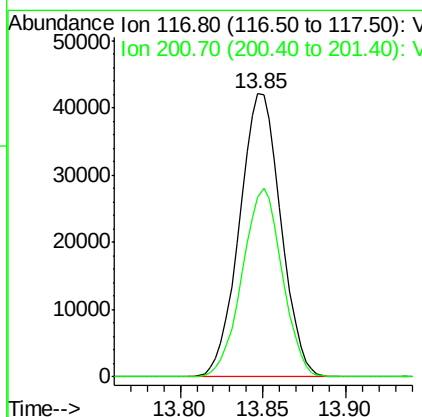
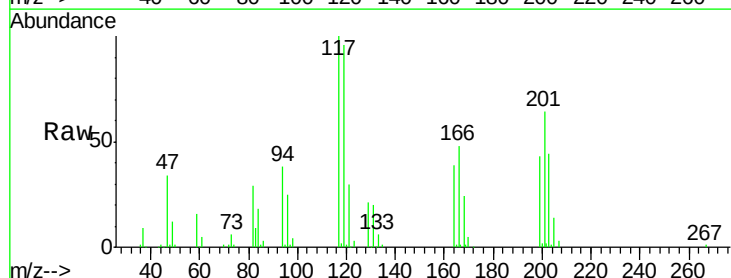
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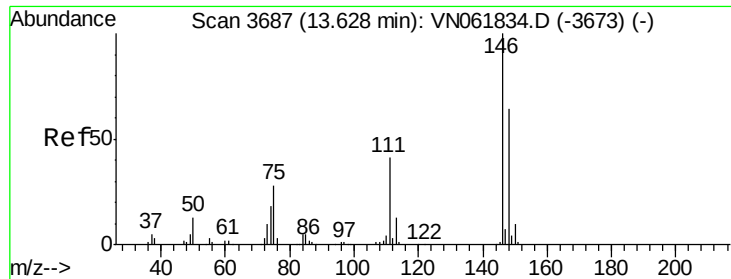
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#90
Hexachloroethane
Concen: 49.363 ug/l
RT: 13.85 min Scan# 3755
Delta R.T. -0.00 min
Lab File: VN062042.D
Acq: 23 Jun 2020 14:23

Tgt Ion	Ratio	Lower	Upper
117	100		
201	64.3	34.6	103.8





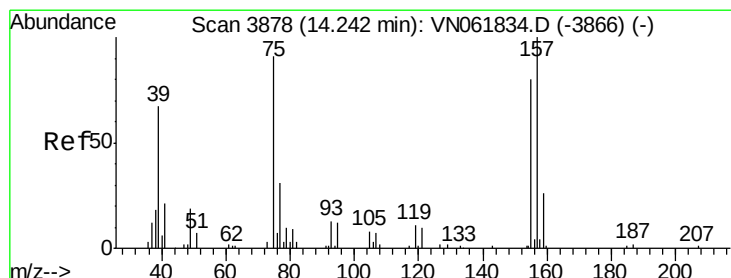
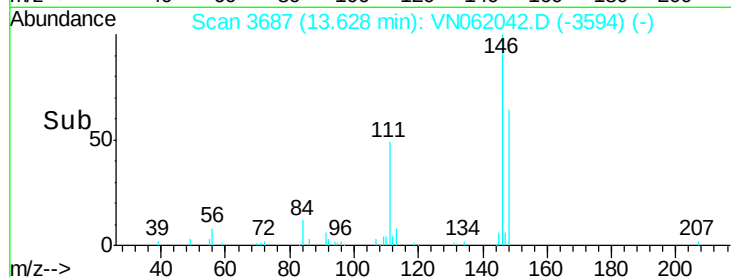
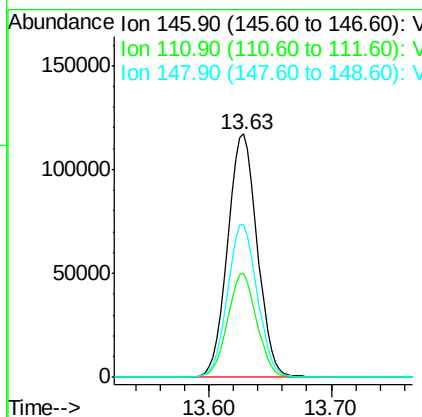
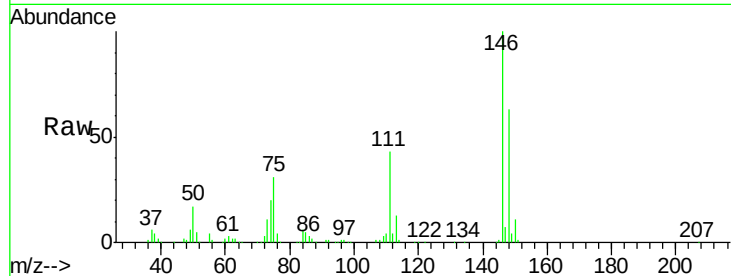
#91
 1,2-Dichlorobenzene
 Concen: 45.486 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN062042.D
 Acq: 23 Jun 2020 14:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.0	20.4	61.2
148	63.1	31.8	95.4

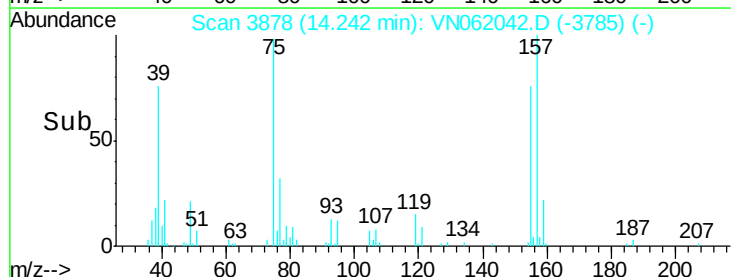
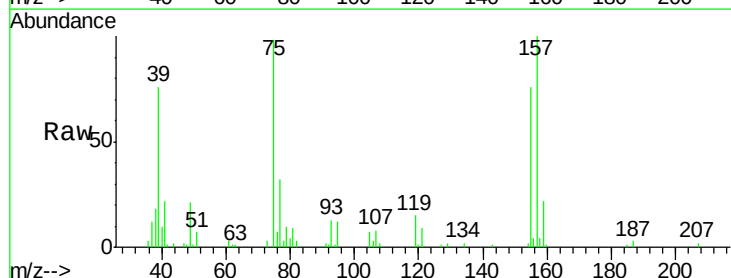
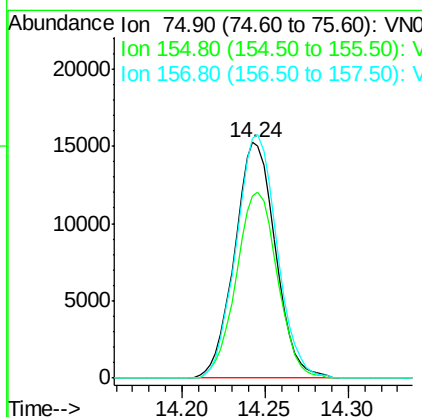
Manual Integrations
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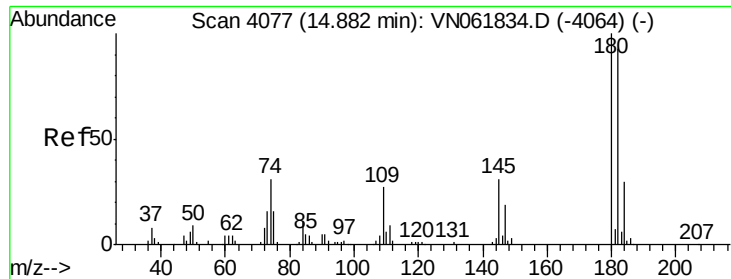
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.200 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. 0.00 min
 Lab File: VN062042.D
 Acq: 23 Jun 2020 14:23

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.4	44.4	133.2
157	103.4	57.0	171.2





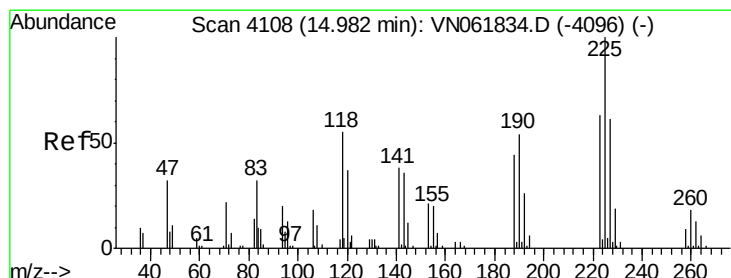
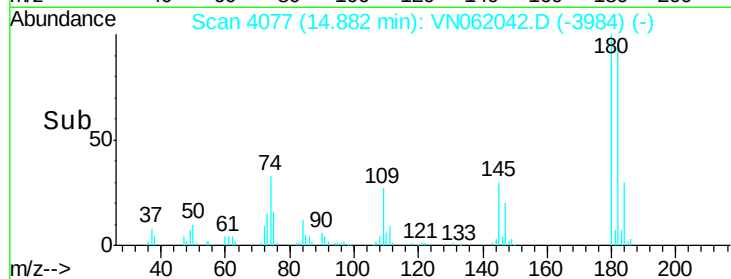
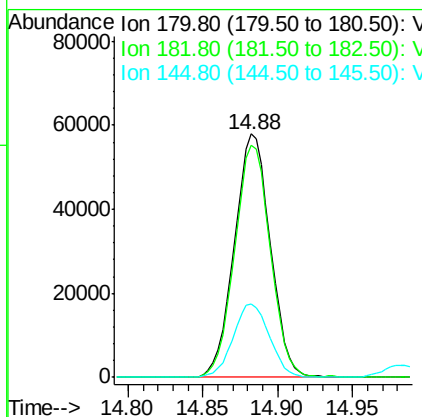
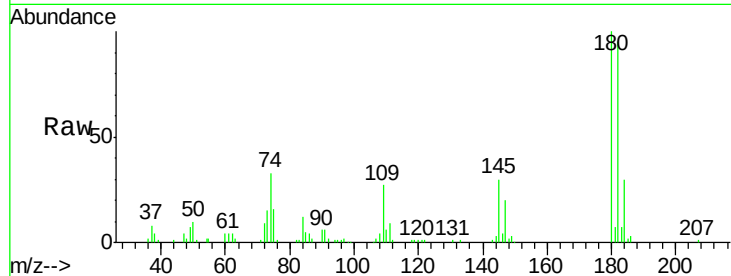
#93
 1,2,4-Trichlorobenzene
 Concen: 46.805 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN062042.D
 Acq: 23 Jun 2020 14:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	96654		
182	95.0	47.0	141.2	
145	30.5	15.8	47.3	

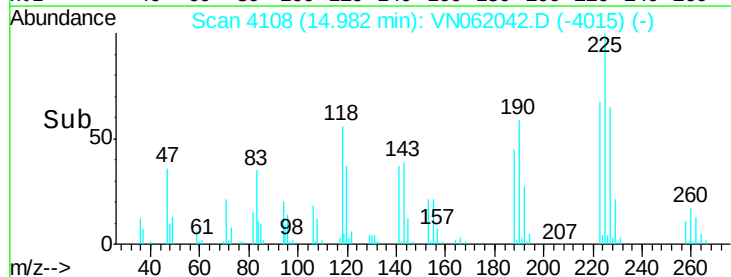
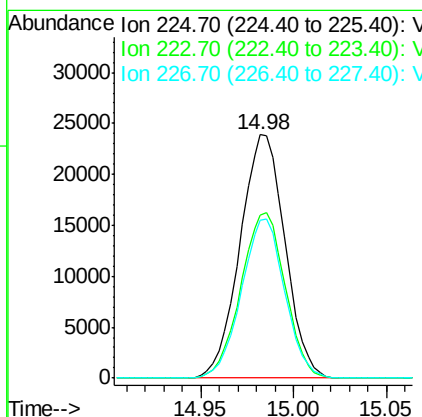
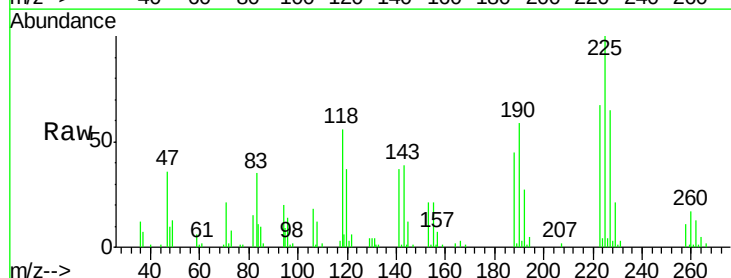
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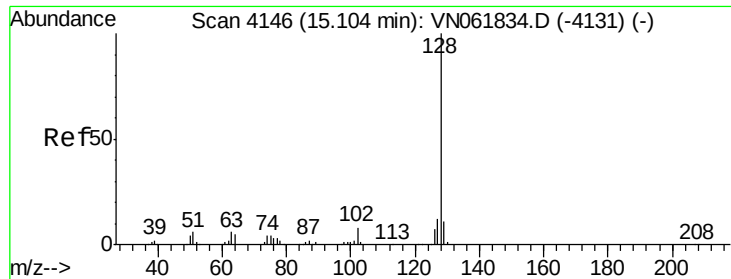
MMDadoda
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#94
 Hexachlorobutadiene
 Concen: 49.357 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. 0.00 min
 Lab File: VN062042.D
 Acq: 23 Jun 2020 14:23

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	40143		
223	66.7	31.7	95.1	
227	62.8	30.1	90.3	





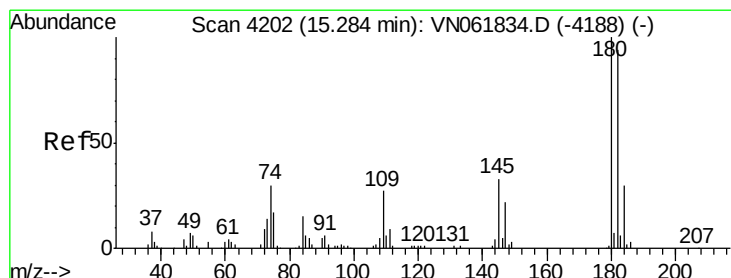
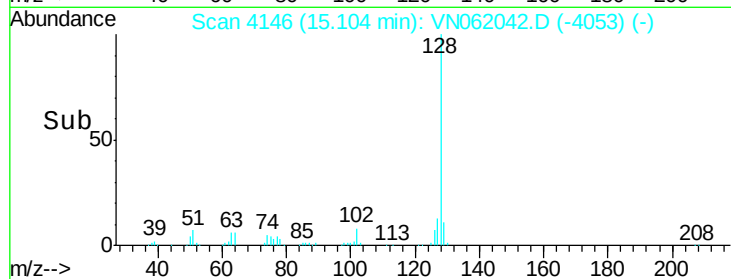
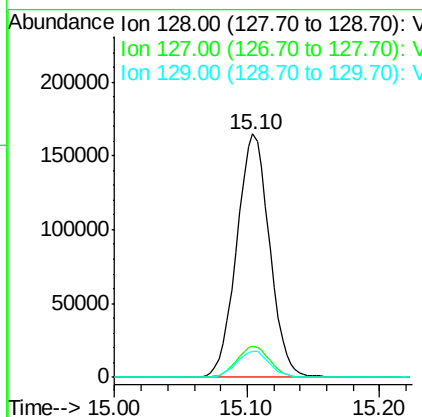
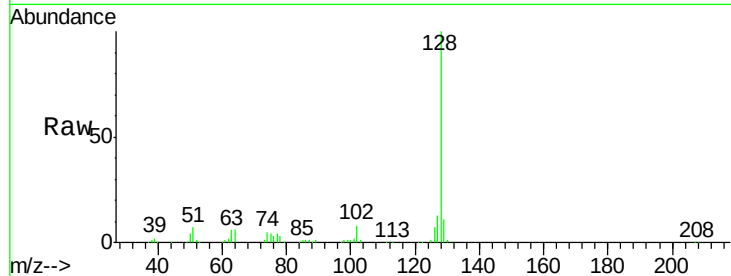
#95
Naphthalene
Concen: 41.692 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN062042.D
Acq: 23 Jun 2020 14:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.3	15.5
129	10.8	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
6/24/2020 10:59:11 AM



#96
1,2,3-Trichlorobenzene
Concen: 47.709 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. 0.00 min
Lab File: VN062042.D
Acq: 23 Jun 2020 14:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.2	47.9	143.6
145	33.0	16.5	49.5

