

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073120\
 Data File : VN062723.D
 Acq On : 1 Aug 2020 7:13
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/3/2020 5:03:28 PM

Quant Time: Aug 01 07:51:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 18:48:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	157331	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	256256	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	240180	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	118988	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	130710	53.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.96%	
35) Dibromofluoromethane	7.55	113	87016	51.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.40%	
50) Toluene-d8	10.06	98	333157	49.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.22%	
62) 4-Bromofluorobenzene	12.38	95	127121	51.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	78838	42.010	ug/l	98
3) Chloromethane	2.03	50	90798	35.672	ug/l	98
4) Vinyl Chloride	2.16	62	85016	38.529	ug/l	100
5) Bromomethane	2.50	94	46427	47.504	ug/l	94
6) Chloroethane	2.65	64	51710	51.807	ug/l	97
7) Trichlorofluoromethane	2.97	101	141875	54.762	ug/l	99
8) Diethyl Ether	3.37	74	53260	43.962	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.71	101	74749	45.001	ug/l	97
10) Methyl Iodide	3.91	142	100079	47.128	ug/l	95
11) Tert butyl alcohol	4.74	59	89762	230.868	ug/l	100
12) 1,1-Dichloroethene	3.69	96	73008	43.338	ug/l	98
13) Acrolein	3.57	56	63558	159.899	ug/l	96
14) Allyl chloride	4.27	41	137893	37.841	ug/l	92
15) Acrylonitrile	4.93	53	237566	228.123	ug/l	99
16) Acetone	3.77	43	200384	217.875	ug/l	97
17) Carbon Disulfide	4.00	76	206910	37.382	ug/l	100
18) Methyl Acetate	4.28	43	115580	49.641	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	298735	48.180	ug/l	98
20) Methylene Chloride	4.50	84	92471	41.921	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	80841	43.237	ug/l	99
22) Diisopropyl ether	5.90	45	305596	42.190	ug/l	97
23) Vinyl Acetate	5.84	43	1285214	216.548	ug/l	98
24) 1,1-Dichloroethane	5.80	63	174548	44.750	ug/l	100
25) 2-Butanone	6.79	43	310348	221.566	ug/l	96
26) 2,2-Dichloropropane	6.77	77	105502	32.949	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	93903	44.013	ug/l	96
28) Bromochloromethane	7.15	49	82084	42.762	ug/l	92
29) Tetrahydrofuran	7.17	42	206889	218.284	ug/l	95
30) Chloroform	7.33	83	179762	48.472	ug/l	99
31) Cyclohexane	7.61	56	142272	39.506	ug/l	95
32) 1,1,1-Trichloroethane	7.53	97	159741	51.591	ug/l	99
36) 1,1-Dichloropropene	7.75	75	127824	46.798	ug/l	99
37) Ethyl Acetate	6.88	43	134847	45.799	ug/l	98
38) Carbon Tetrachloride	7.73	117	140529	53.525	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	129336	43.988	ug/l	99
40) Benzene	8.00	78	373026	45.110	ug/l	100
41) Methacrylonitrile	7.14	41	65703m	52.068	ug/l	
42) 1,2-Dichloroethane	8.08	62	155661	51.489	ug/l	97
43) Isopropyl Acetate	8.13	43	216089	45.526	ug/l	97
44) Trichloroethene	8.80	130	86426	46.346	ug/l	98
45) 1,2-Dichloropropane	9.08	63	103697	44.663	ug/l	100
46) Dibromomethane	9.17	93	63882	47.605	ug/l	98
47) Bromodichloromethane	9.37	83	146004	50.221	ug/l	100
48) Methyl methacrylate	9.17	41	107063	47.451	ug/l	95
49) 1,4-Dioxane	9.17	88	34456	994.279	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	682348	240.264	ug/l	98
52) Toluene	10.12	92	227383	47.355	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	152495	47.119	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	156141	44.962	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	93089	49.980	ug/l	96
56) Ethyl methacrylate	10.40	69	152366	45.716	ug/l	97
57) 1,3-Dichloropropane	10.68	76	163144	47.812	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	232550	232.017	ug/l	96
59) 2-Hexanone	10.72	43	510104	232.459	ug/l	100
60) Dibromochloromethane	10.87	129	107753	51.859	ug/l	98
61) 1,2-Dibromoethane	10.98	107	94395	48.671	ug/l	100
64) Tetrachloroethene	10.60	164	74647	47.835	ug/l	99
65) Chlorobenzene	11.41	112	242476	48.156	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	97566	51.507	ug/l	97
67) Ethyl Benzene	11.48	91	455515	49.340	ug/l	99
68) m/p-Xylenes	11.59	106	333013	100.357	ug/l	98
69) o-Xylene	11.92	106	161510	51.256	ug/l	99
70) Styrene	11.94	104	282858	53.140	ug/l	98
71) Bromoform	12.10	173	77092	54.204	ug/l #	100
73) Isopropylbenzene	12.22	105	443335	47.121	ug/l	100
74) N-amyl acetate	12.05	43	195993	46.646	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	139583	42.693	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	128512m	42.432	ug/l	
77) Bromobenzene	12.50	156	106668	47.177	ug/l	94
78) n-propylbenzene	12.57	91	516284	46.846	ug/l	99
79) 2-Chlorotoluene	12.65	91	317244	46.709	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	396299	50.779	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	44664	41.052	ug/l	91
82) 4-Chlorotoluene	12.75	91	336982	47.667	ug/l	99
83) tert-Butylbenzene	12.97	119	328208	50.646	ug/l	97
84) 1,2,4-Trimethylbenzene	13.01	105	395942	51.716	ug/l	97
85) sec-Butylbenzene	13.15	105	436418	50.302	ug/l	100
86) p-Isopropyltoluene	13.26	119	388436	52.055	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	188780	47.578	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	188392	48.232	ug/l	99
89) n-Butylbenzene	13.59	91	319395	49.815	ug/l	99
90) Hexachloroethane	13.85	117	74358	46.810	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	182723	48.161	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	30308	51.058	ug/l	97

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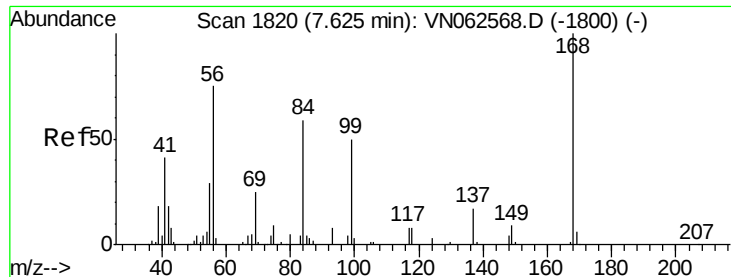
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	90327	45.573	ug/l	99
94) Hexachlorobutadiene	14.98	225	55811	54.415	ug/l	97
95) Naphthalene	15.10	128	243836	46.375	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	89556	50.089	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062723.D

Acq: 1 Aug 2020 7:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 157331

Ion Ratio Lower Upper

168 100

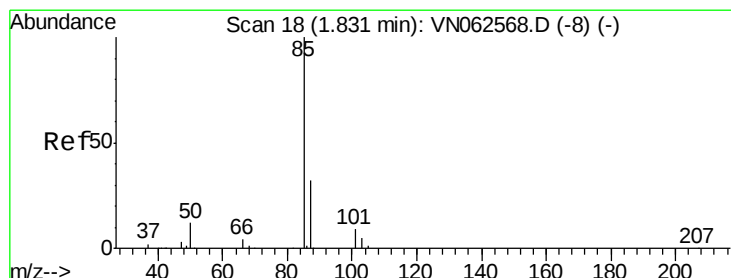
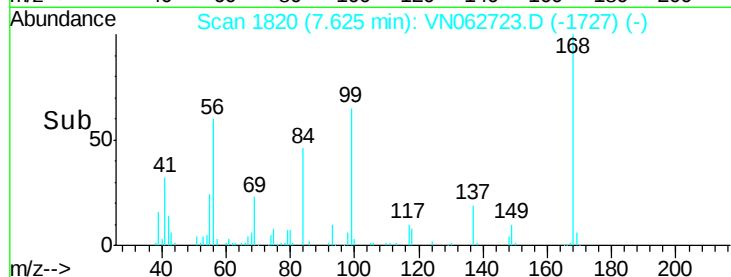
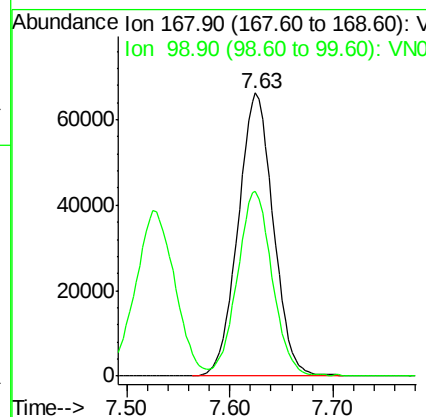
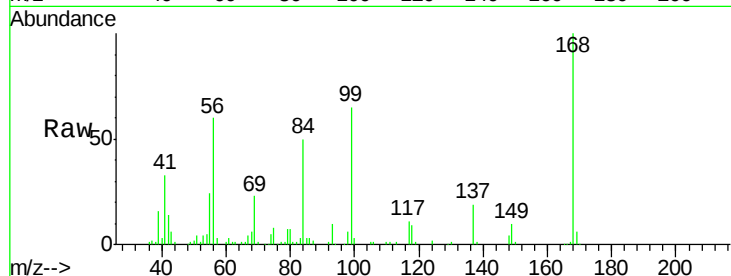
99 64.7 48.4 72.6

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 42.010 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062723.D

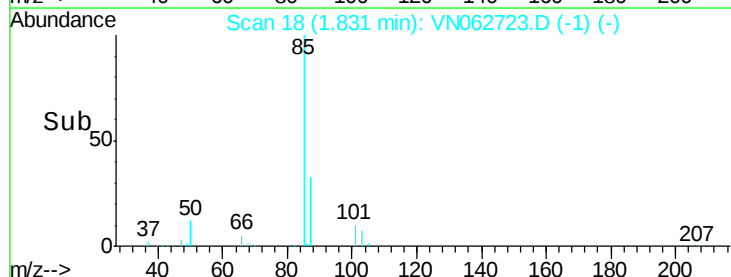
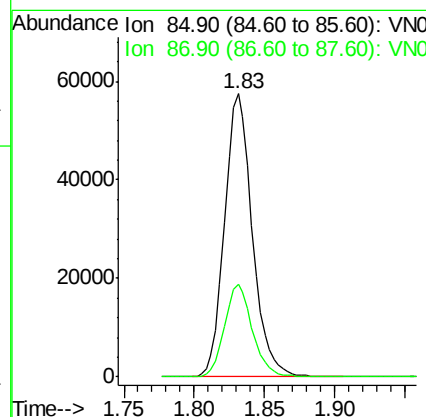
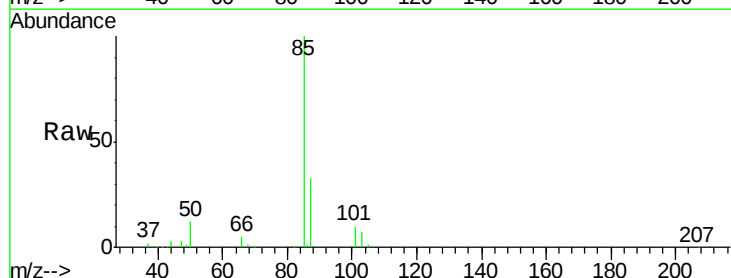
Acq: 1 Aug 2020 7:13

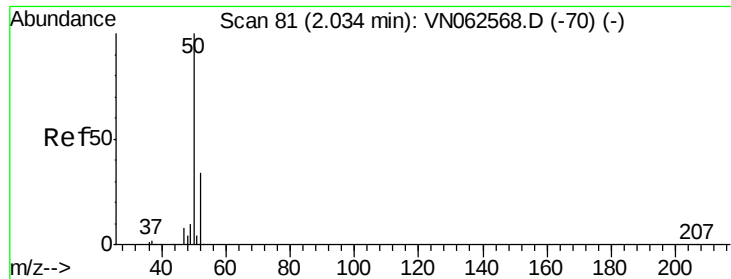
Tgt Ion: 85 Resp: 78838

Ion Ratio Lower Upper

85 100

87 32.9 16.0 48.0





#3

Chloromethane

Concen: 35.672 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN062723.D

Acq: 1 Aug 2020 7:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 90798

Ion Ratio Lower Upper

50 100

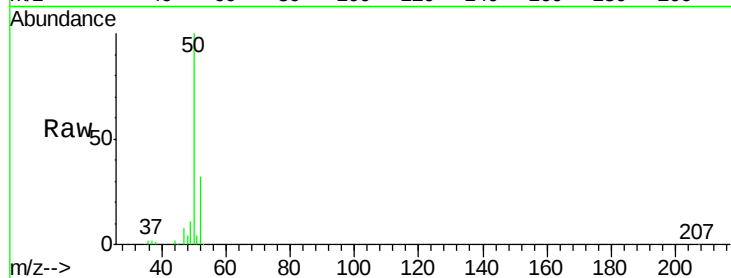
52 32.4 27.0 40.4

Manual Integrations

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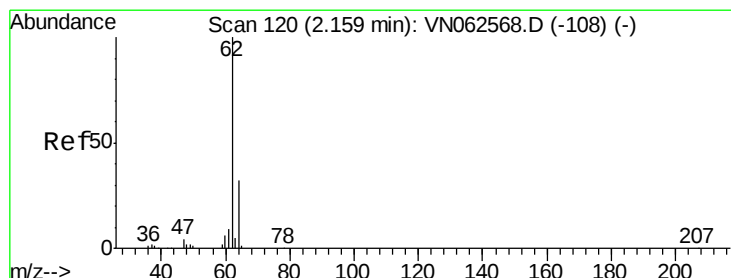
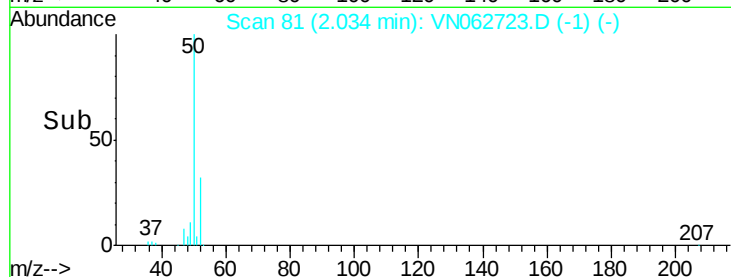
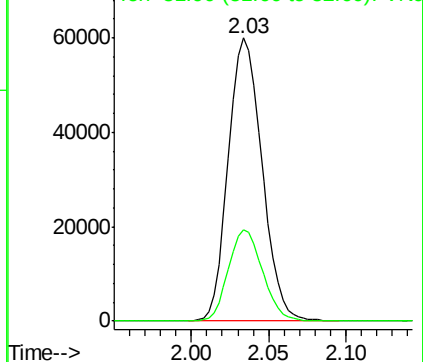
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Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 38.529 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN062723.D

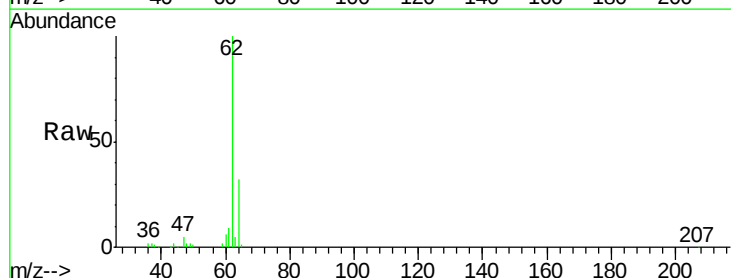
Acq: 1 Aug 2020 7:13

Tgt Ion: 62 Resp: 85016

Ion Ratio Lower Upper

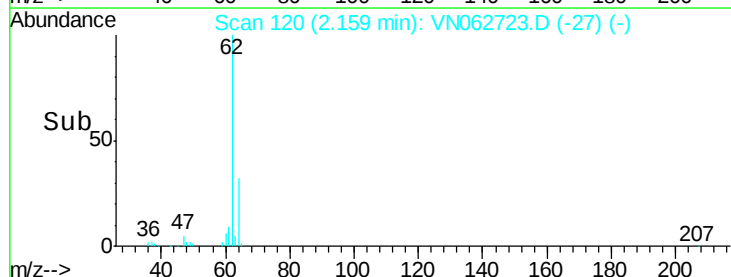
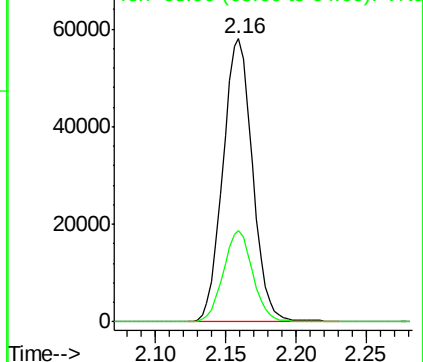
62 100

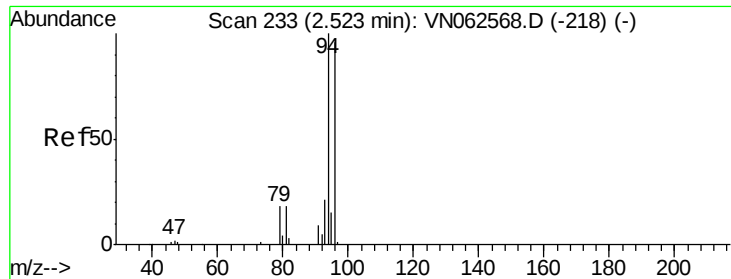
64 32.1 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 47.504 ug/l

RT: 2.50 min Scan# 226

Delta R.T. -0.02 min

Lab File: VN062723.D

Acq: 1 Aug 2020 7:13

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 46427

Ion Ratio Lower Upper

94 100

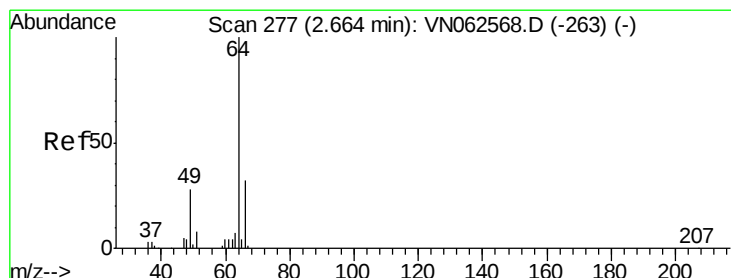
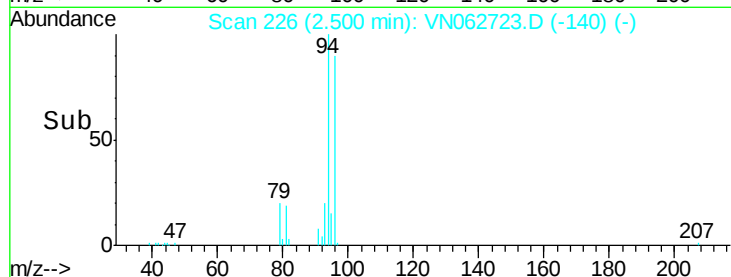
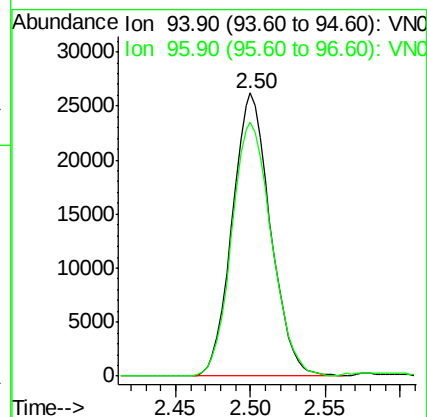
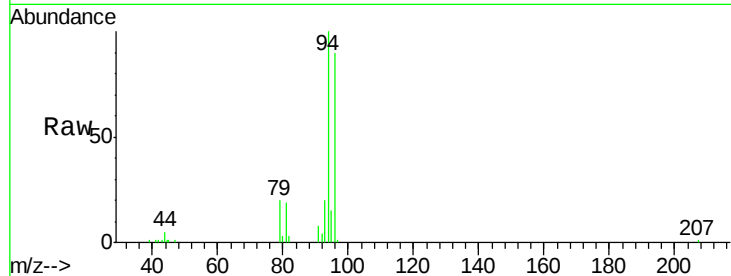
96 89.6 76.6 114.8

Manual Integrations

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#6

Chloroethane

Concen: 51.807 ug/l

RT: 2.65 min Scan# 273

Delta R.T. -0.01 min

Lab File: VN062723.D

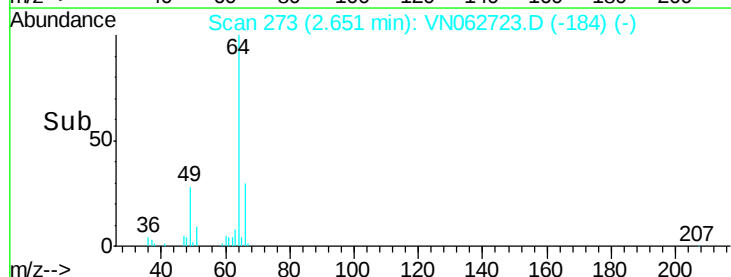
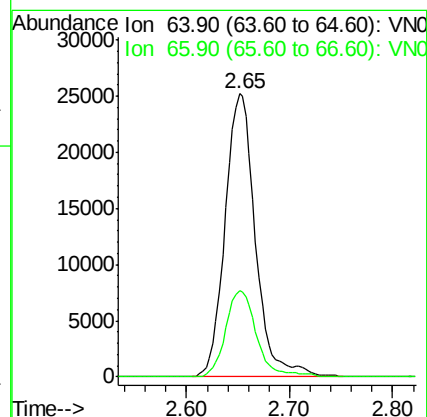
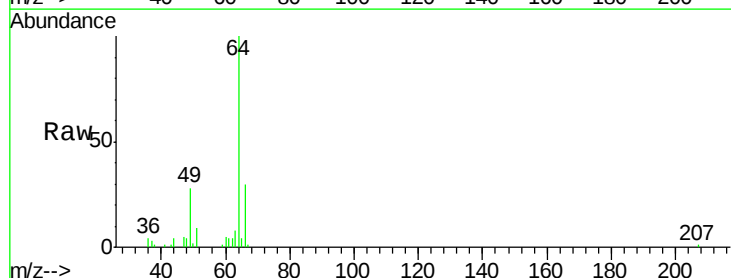
Acq: 1 Aug 2020 7:13

Tgt Ion: 64 Resp: 51710

Ion Ratio Lower Upper

64 100

66 30.3 25.8 38.8





#7

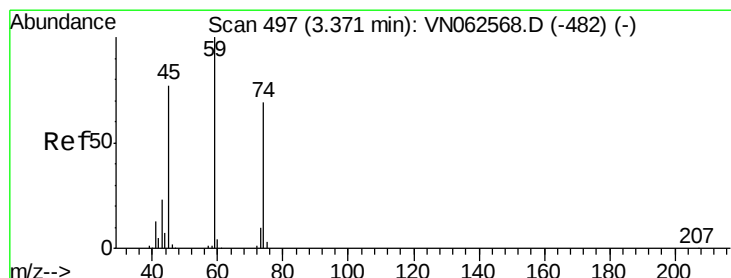
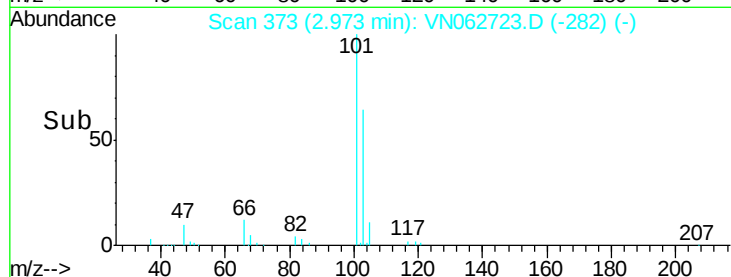
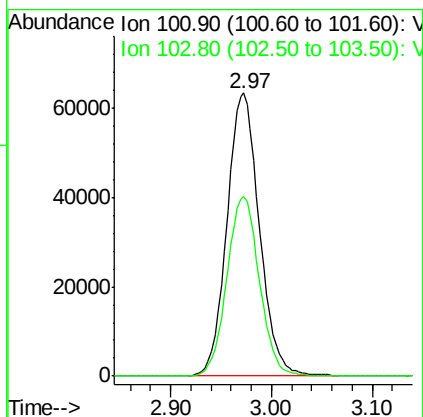
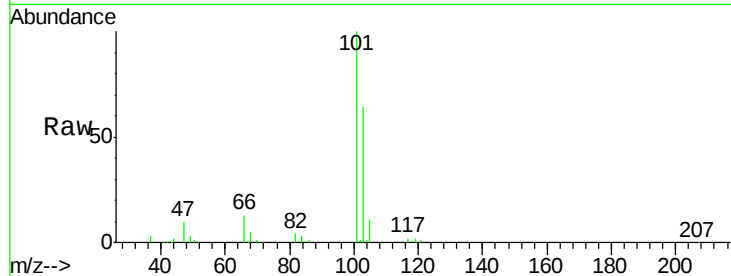
Trichlorofluoromethane
Concen: 54.762 ug/l
RT: 2.97 min Scan# 373
Delta R.T. -0.01 min
Lab File: VN062723.D
Acq: 1 Aug 2020 7:13

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Tot Ion	Ratio	Resp	Lower	Upper
101	100	141875		
103	63.5	51.5	77.3	

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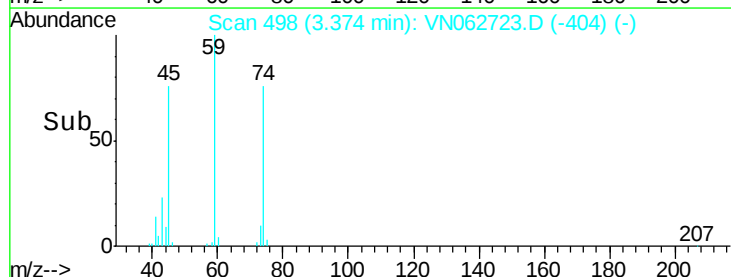
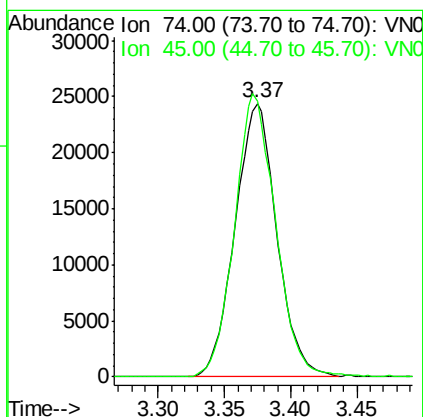
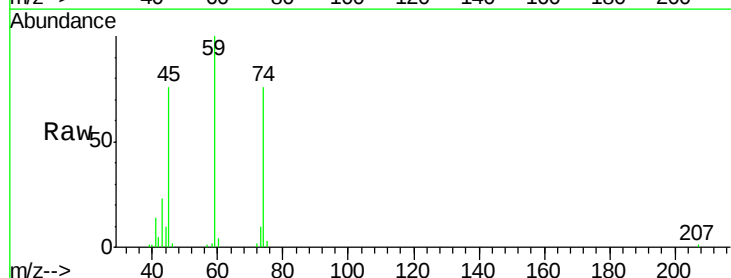
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8/3/2020 5:03:28 PM

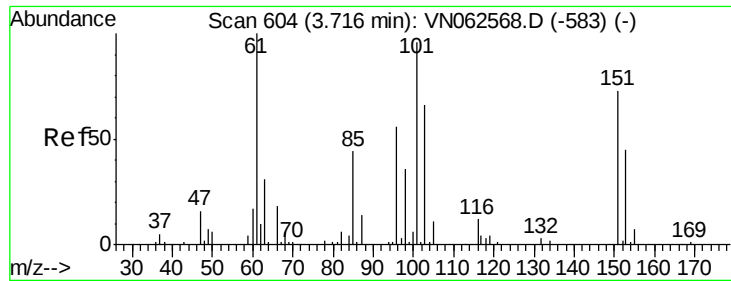


#8

Diethyl Ether
Concen: 43.962 ug/l
RT: 3.37 min Scan# 498
Delta R.T. 0.00 min
Lab File: VN062723.D
Acq: 1 Aug 2020 7:13

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	53260		
45	102.0	55.3	165.8	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.001 ug/l

RT: 3.71 min Scan# 602

Delta R.T. -0.01 min

Lab File: VN062723.D

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Instrument :

MSVOA_N

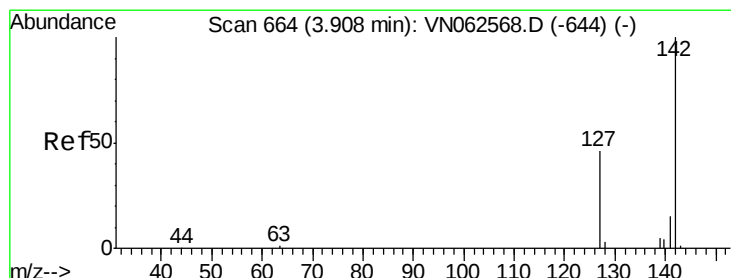
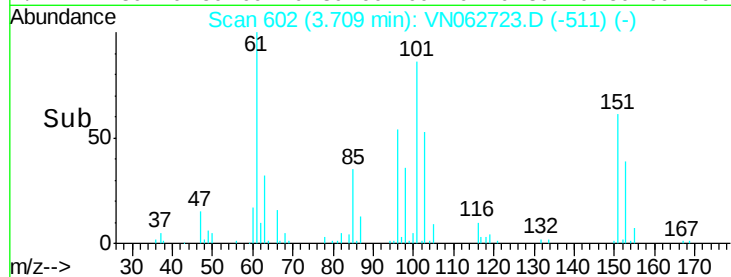
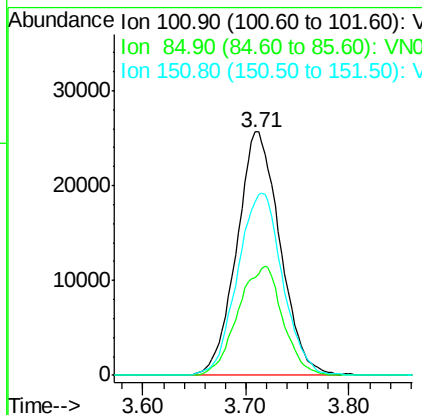
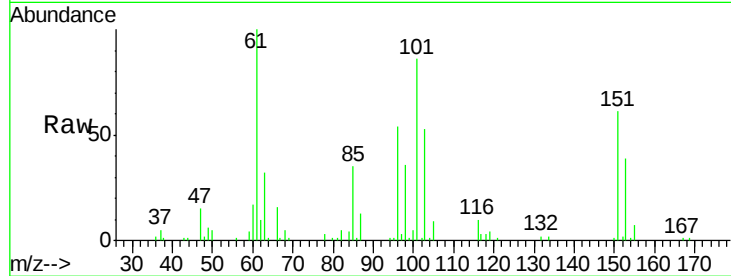
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	74749
Ion Ratio	Lower	Upper	
101	100		
85	46.3	36.0	54.0
151	77.8	60.0	90.0

Manual Integrations
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#10

Methyl Iodide

Concen: 47.128 ug/l

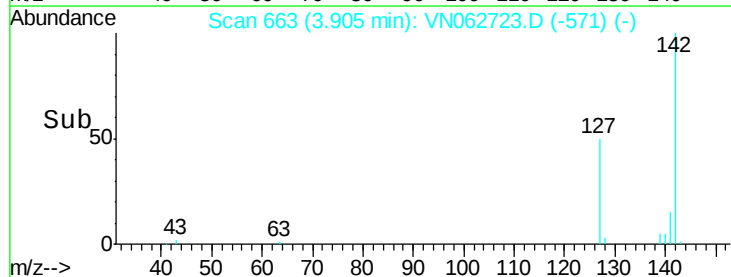
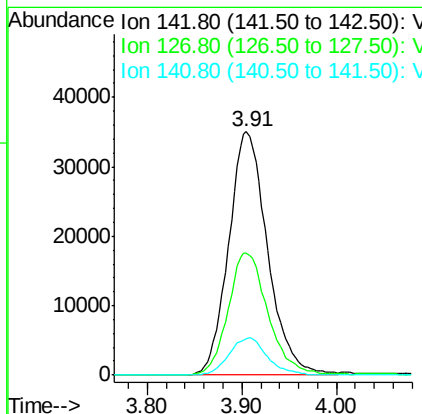
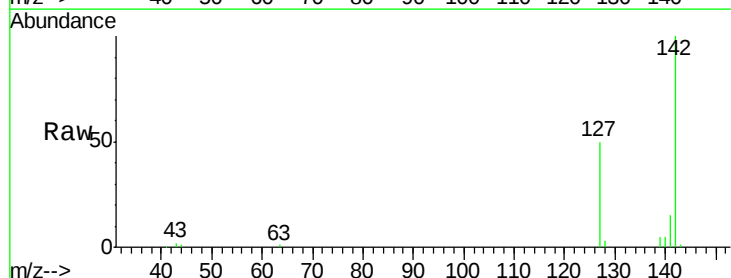
RT: 3.91 min Scan# 663

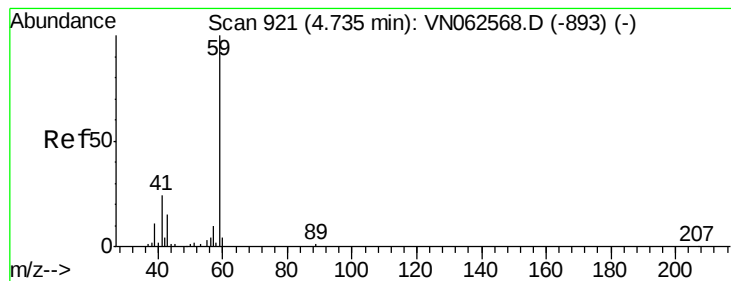
Delta R.T. -0.00 min

Lab File: VN062723.D

Acq: 1 Aug 2020 7:13

Tgt Ion:	142	Resp:	100079
Ion Ratio	Lower	Upper	
142	100		
127	51.2	37.4	56.0
141	15.1	11.9	17.9





#11

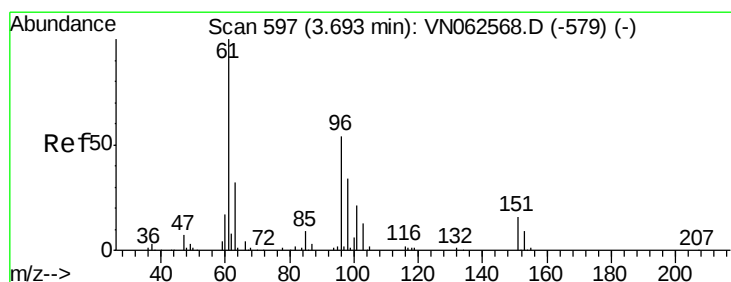
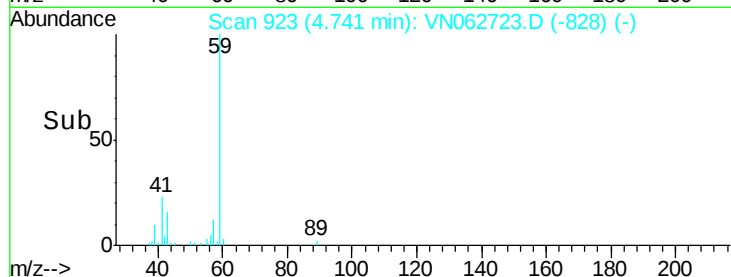
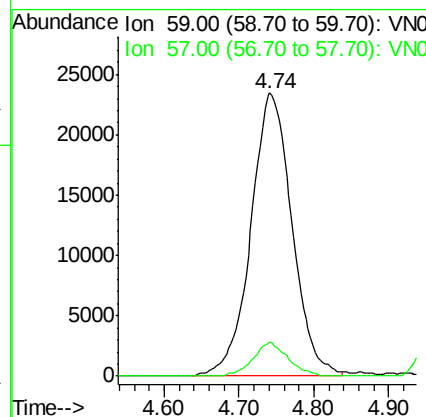
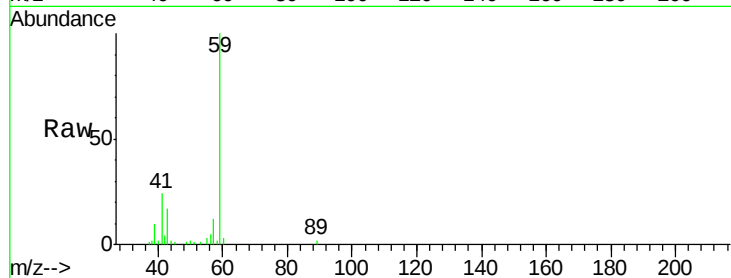
Tert butyl alcohol
Concen: 230.868 ug/l
RT: 4.74 min Scan# 923
Delta R.T. 0.01 min
Lab File: VN062723.D
Acq: 1 Aug 2020 7:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.2	12.2

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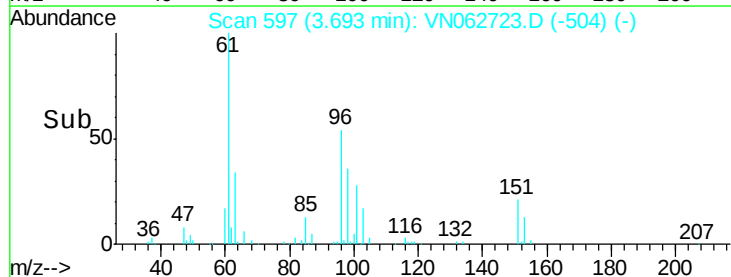
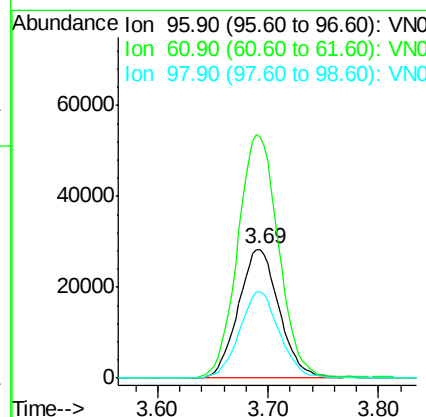
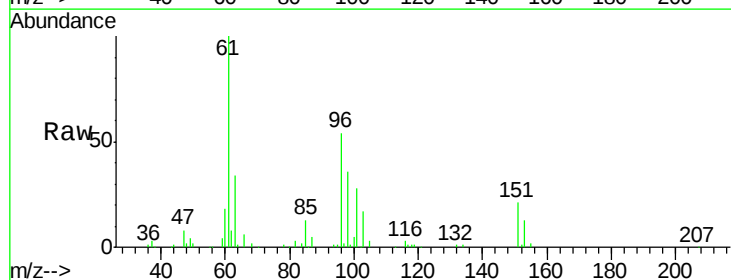
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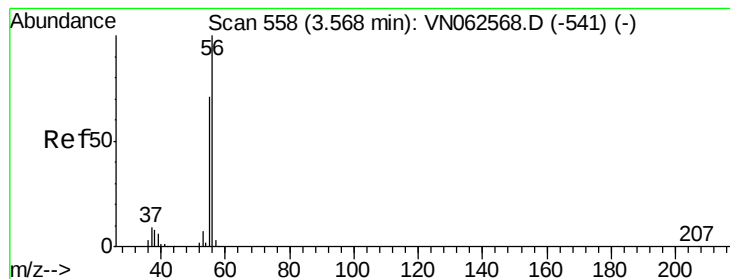


#12

1,1-Dichloroethene
Concen: 43.338 ug/l
RT: 3.69 min Scan# 597
Delta R.T. -0.00 min
Lab File: VN062723.D
Acq: 1 Aug 2020 7:13

Tgt Ion	Ratio	Lower	Upper
96	100		
61	186.9	148.6	222.8
98	67.2	50.6	75.8





#13

Acrolein

Concen: 159.899 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN062723.D

Acq: 1 Aug 2020 7:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 63558

Ion Ratio Lower Upper

56 100

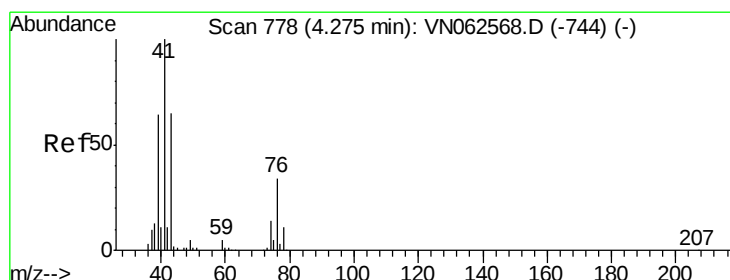
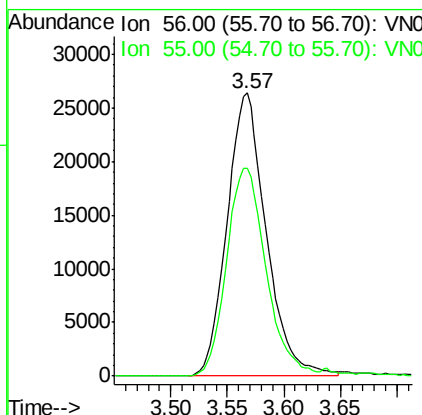
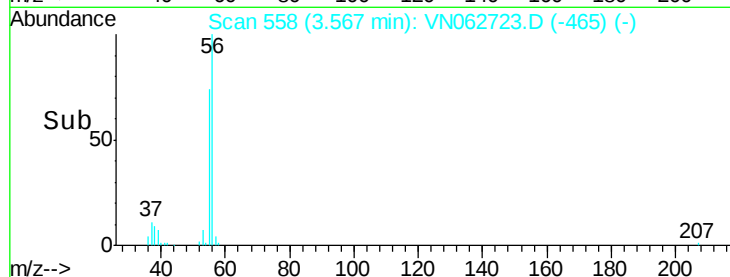
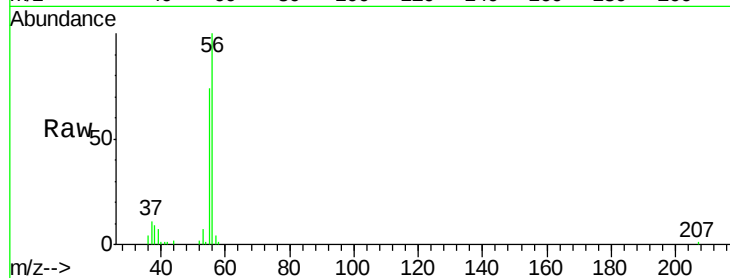
55 74.2 57.0 85.4

Manual Integrations

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#14

Allyl chloride

Concen: 37.841 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN062723.D

Acq: 1 Aug 2020 7:13

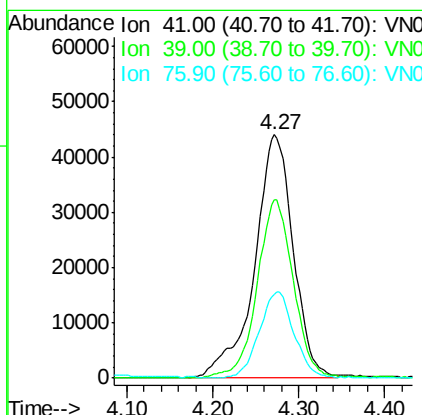
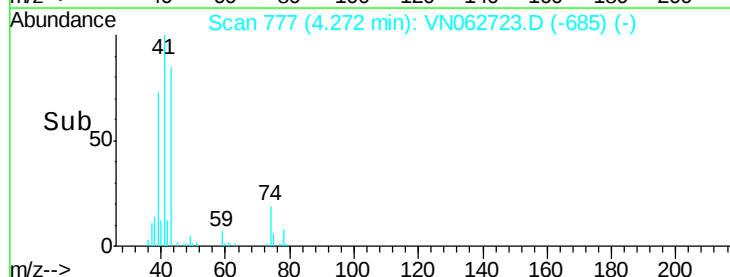
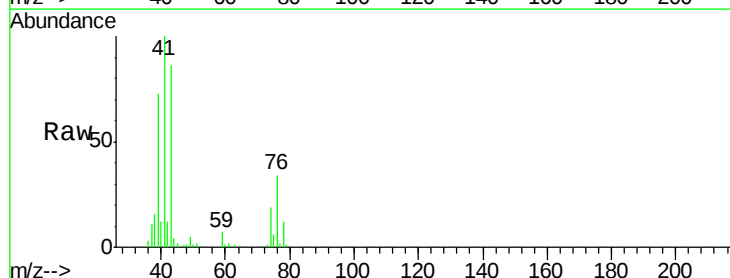
Tgt Ion: 41 Resp: 137893

Ion Ratio Lower Upper

41 100

39 68.7 49.0 73.4

76 31.8 24.0 36.0





#15

Acrylonitrile

Concen: 228.123 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN062723.D

Acq: 1 Aug 2020 7:13

Instrument :

MSVOA_N

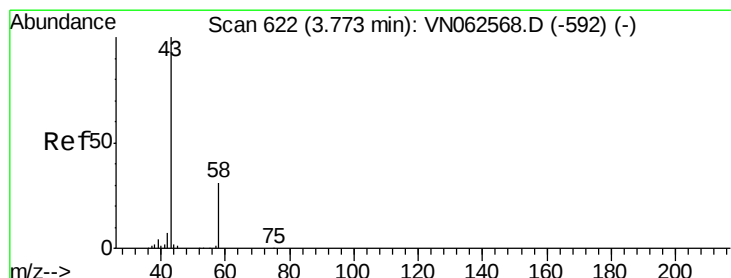
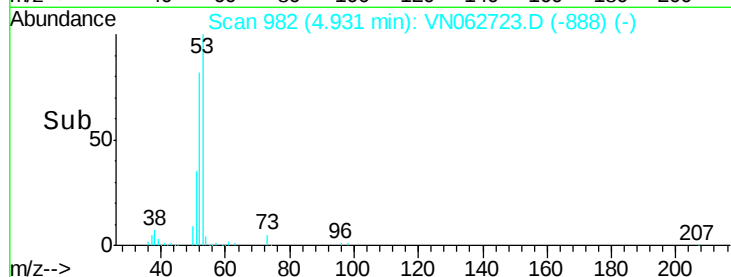
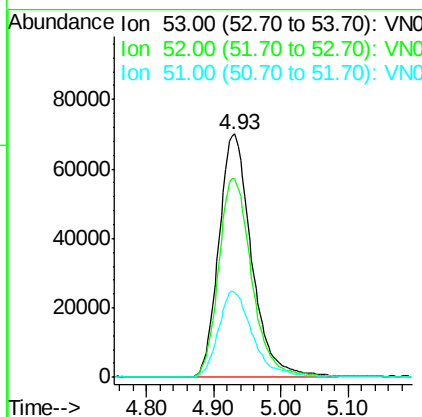
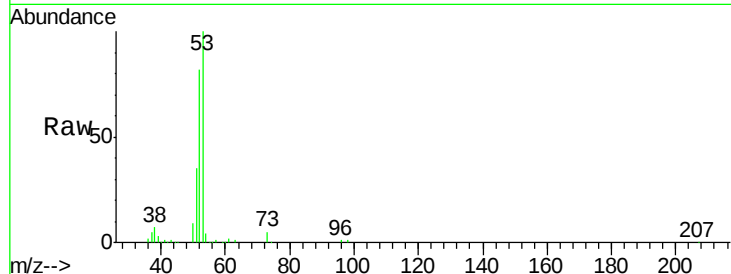
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
53	100		
52	82.4	66.3	99.5
51	36.9	28.6	43.0

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#16

Acetone

Concen: 217.875 ug/l

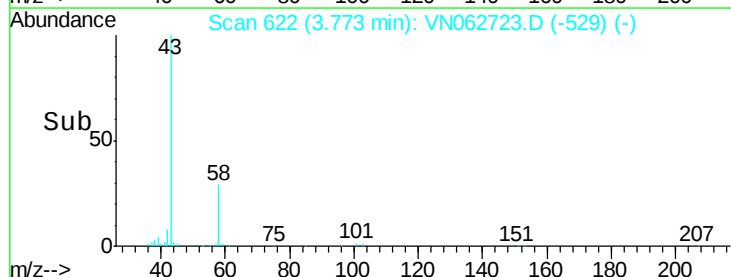
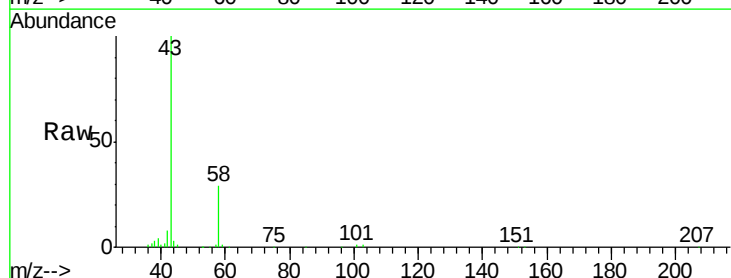
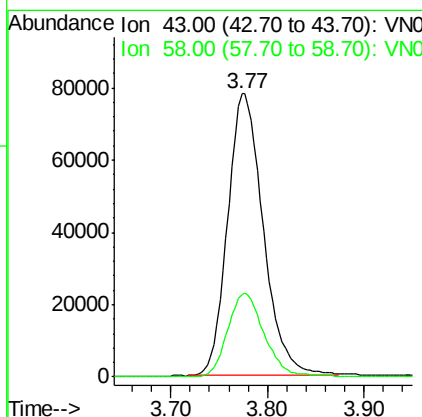
RT: 3.77 min Scan# 622

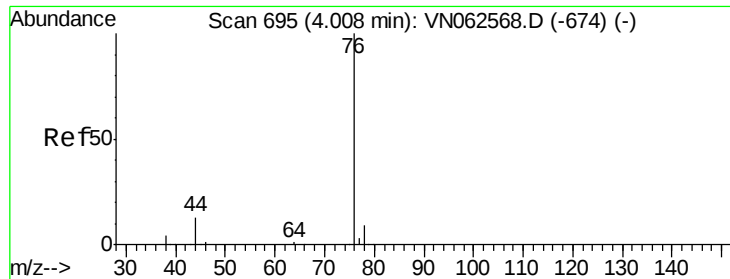
Delta R.T. -0.00 min

Lab File: VN062723.D

Acq: 1 Aug 2020 7:13

Tgt Ion	Ratio	Lower	Upper
43	100		
58	29.2	24.6	37.0





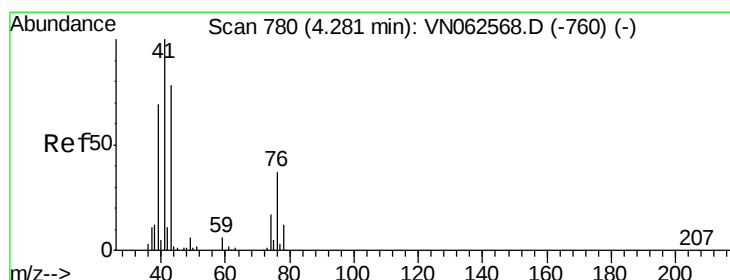
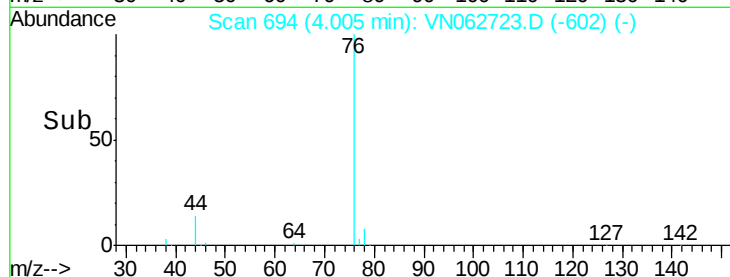
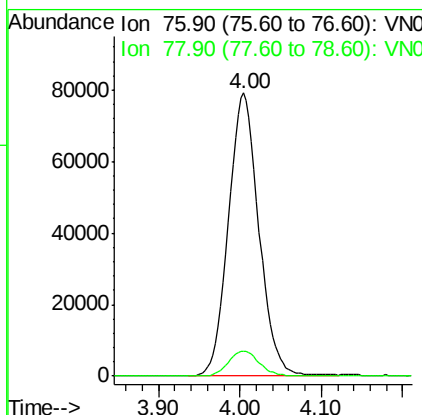
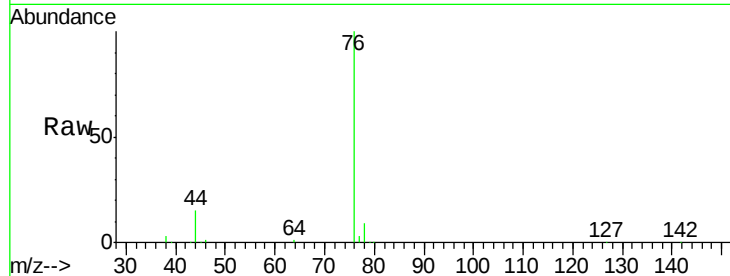
#17
Carbon Disulfide
Concen: 37.382 ug/l
RT: 4.00 min Scan# 694
Delta R.T. -0.00 min
Lab File: VN062723.D
Acq: 1 Aug 2020 7:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.3	10.9

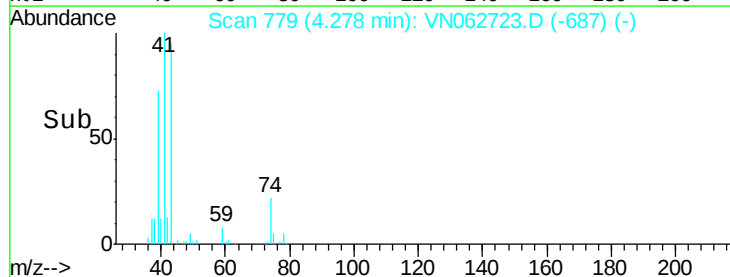
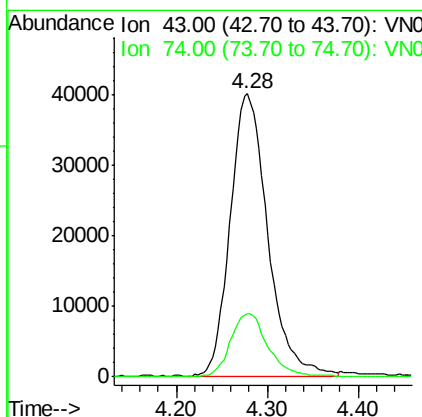
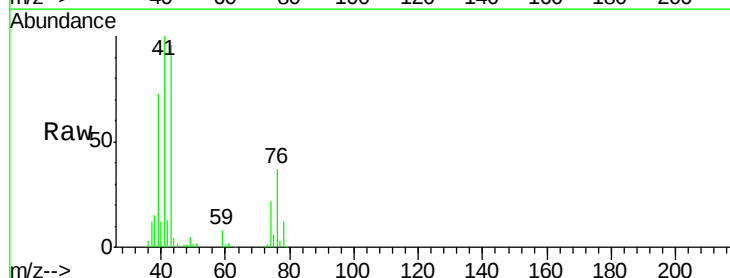
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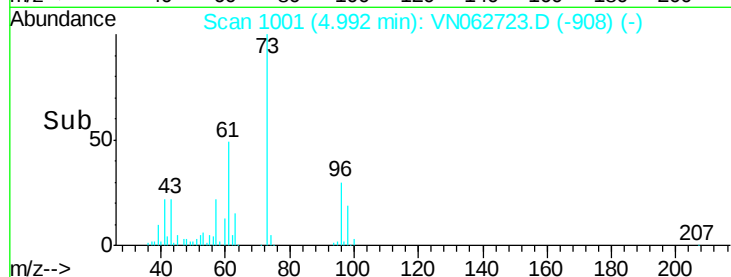
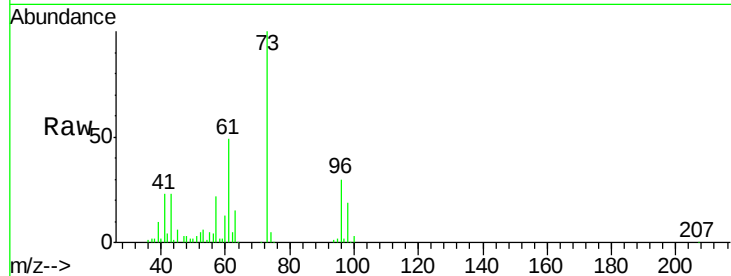
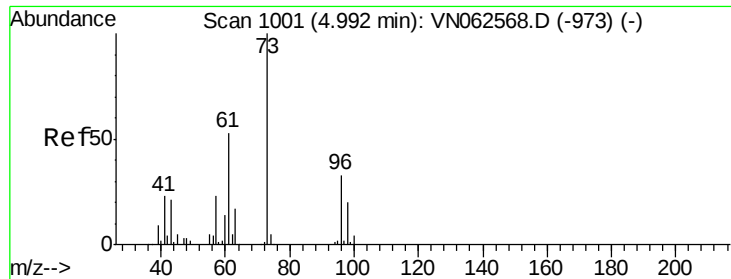
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#18
Methyl Acetate
Concen: 49.641 ug/l
RT: 4.28 min Scan# 779
Delta R.T. -0.00 min
Lab File: VN062723.D
Acq: 1 Aug 2020 7:13

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.3	16.6	24.8





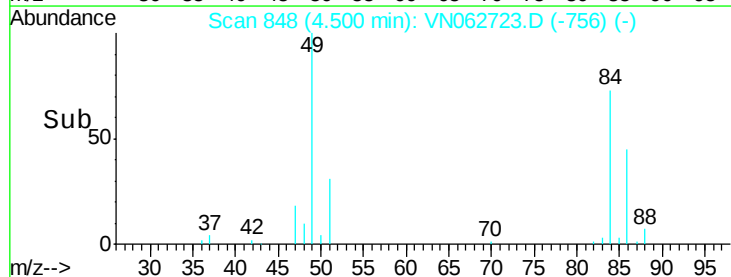
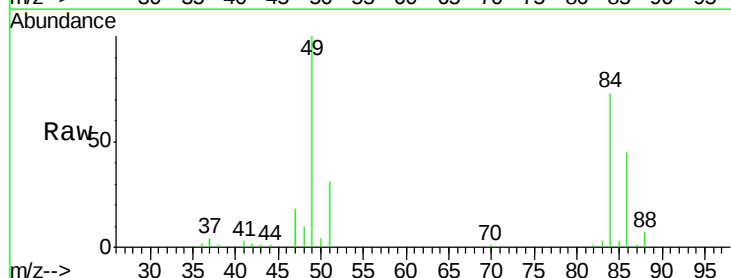
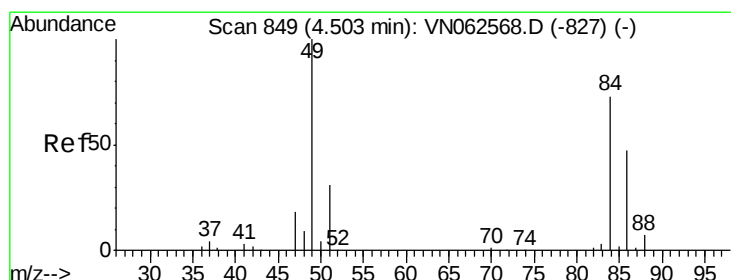
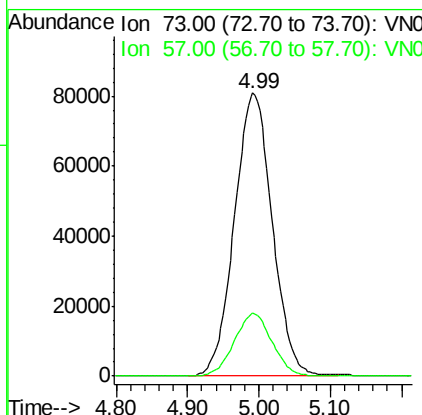
#19
Methvl tert-butvl Ether
Concen: 48.180 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VN062723.D
Acq: 1 Aug 2020 7:13

Tot Ion: 73 Resp: 298735
Ion Ratio Lower Upper
73 100
57 22.2 18.6 27.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

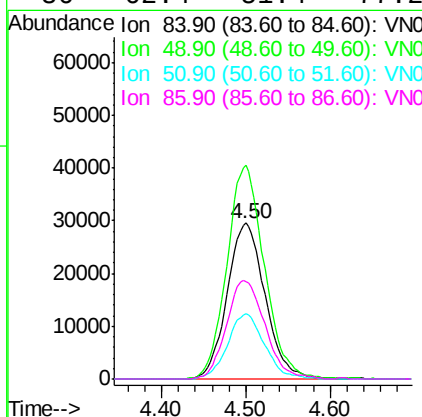
Manual Integrations
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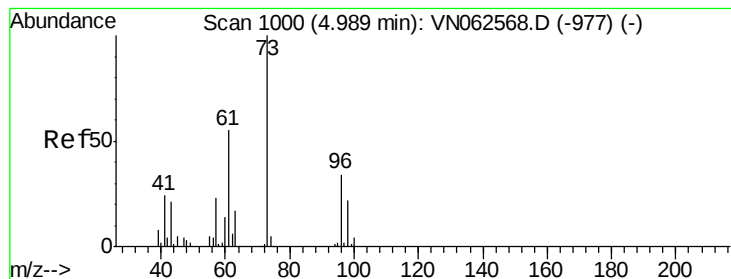
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#20
Methylene Chloride
Concen: 41.921 ug/l
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN062723.D
Acq: 1 Aug 2020 7:13

Tgt Ion: 84 Resp: 92471
Ion Ratio Lower Upper
84 100
49 136.6 109.4 164.0
51 42.1 33.6 50.4
86 62.4 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 43.237 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN062723.D

Acq: 1 Aug 2020 7:13

Instrument :

MSVOA_N

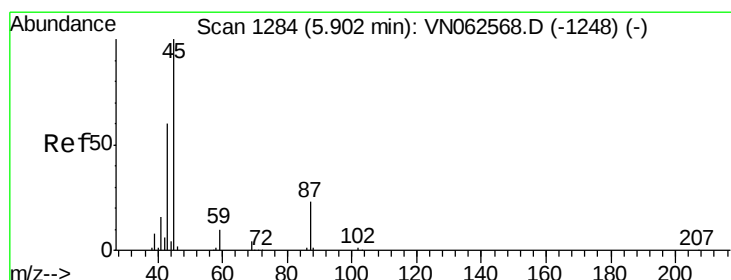
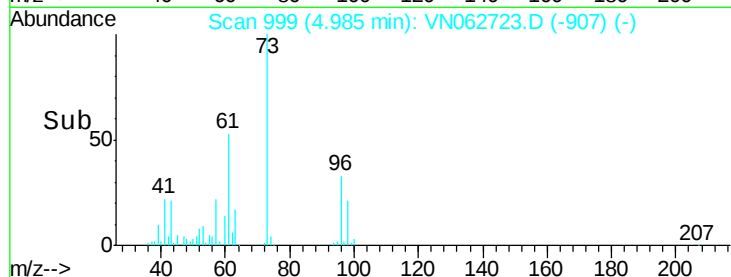
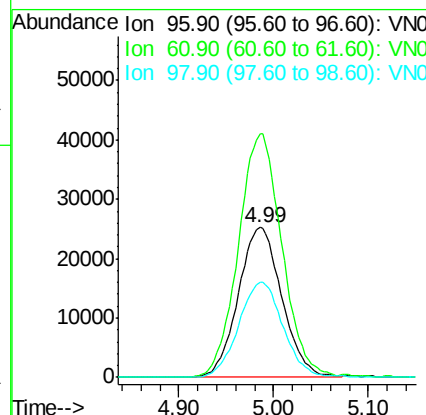
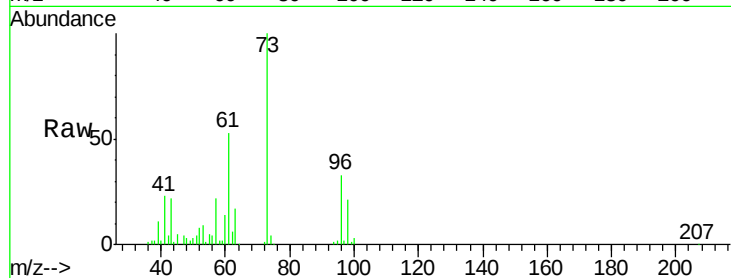
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	80841
Ion	Ratio	Lower	Upper
96	100		
61	162.2	128.6	192.8
98	63.2	50.6	76.0

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#22

Diisopropyl ether

Concen: 42.190 ug/l

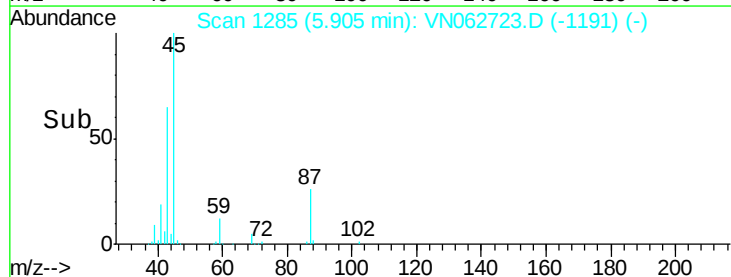
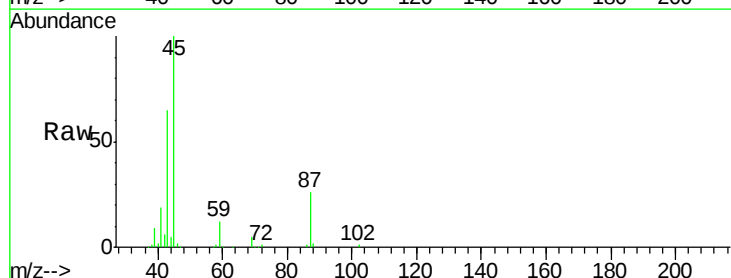
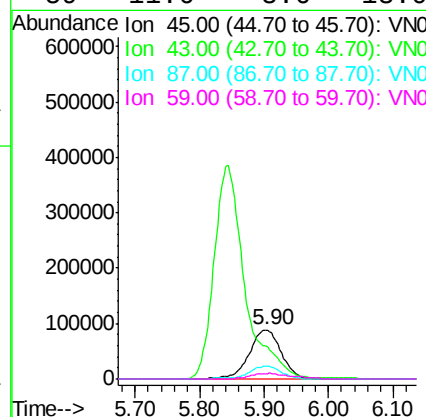
RT: 5.90 min Scan# 1285

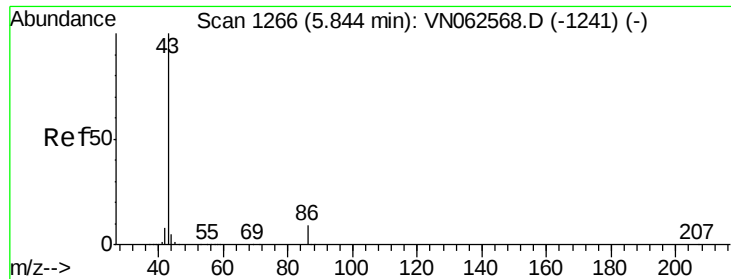
Delta R.T. 0.00 min

Lab File: VN062723.D

Acq: 1 Aug 2020 7:13

Tgt Ion:	45	Resp:	305596
Ion	Ratio	Lower	Upper
45	100		
43	63.0	48.7	73.1
87	25.8	19.0	28.6
59	11.6	8.6	13.0





#23

Vinyl Acetate

Concen: 216.548 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. -0.00 min

Lab File: VN062723.D

Acq: 1 Aug 2020 7:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1285214

Ion Ratio Lower Upper

43 100

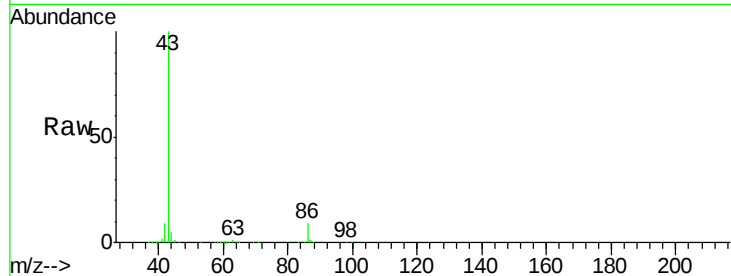
86 9.3 6.9 10.3

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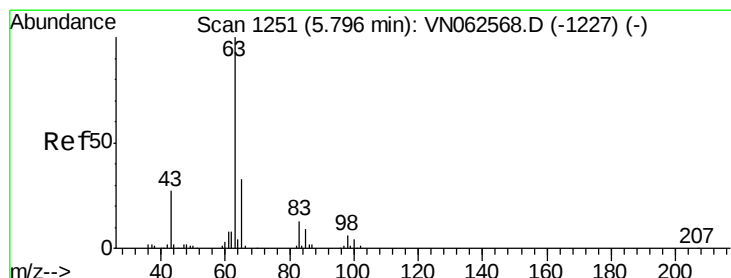
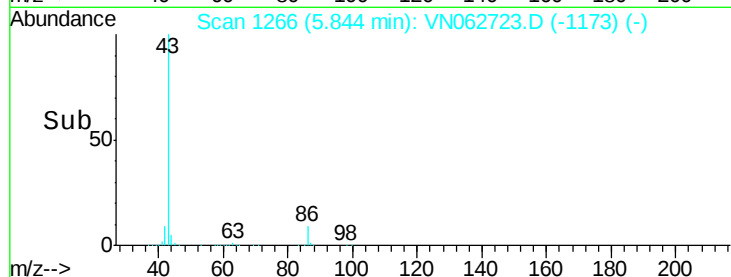
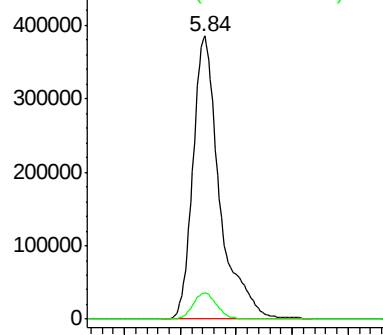
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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 44.750 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN062723.D

Acq: 1 Aug 2020 7:13

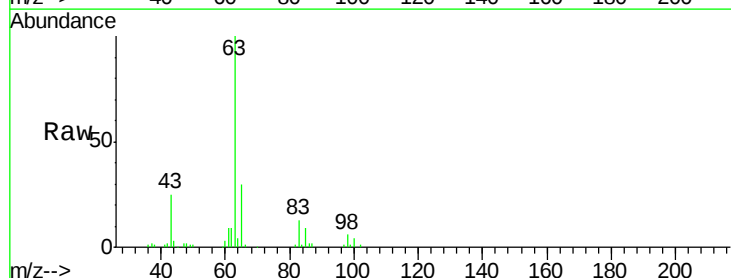
Tgt Ion: 63 Resp: 174548

Ion Ratio Lower Upper

63 100

98 6.0 2.9 8.8

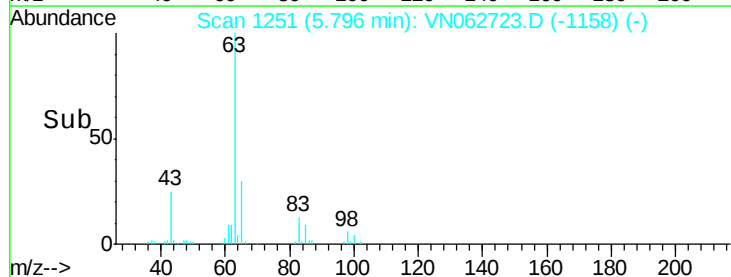
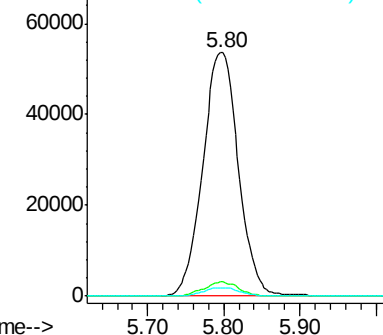
100 3.5 1.8 5.4

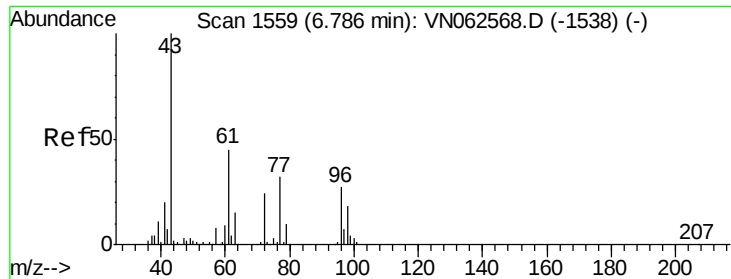


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





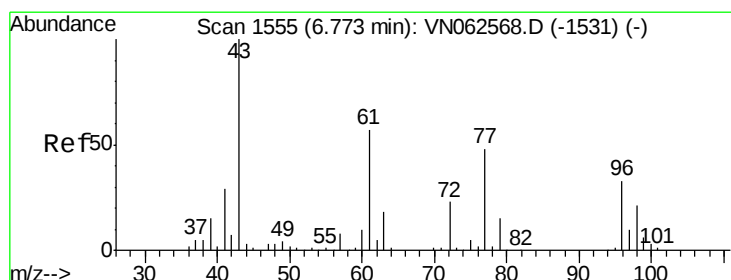
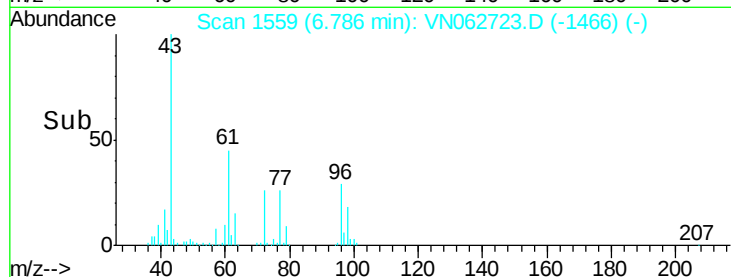
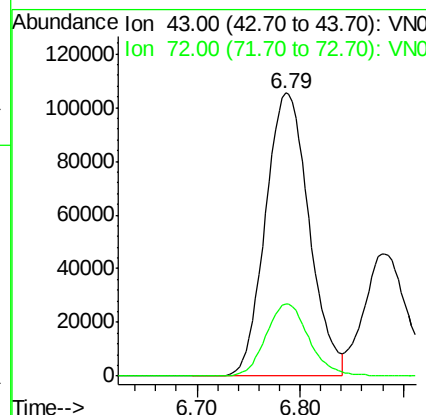
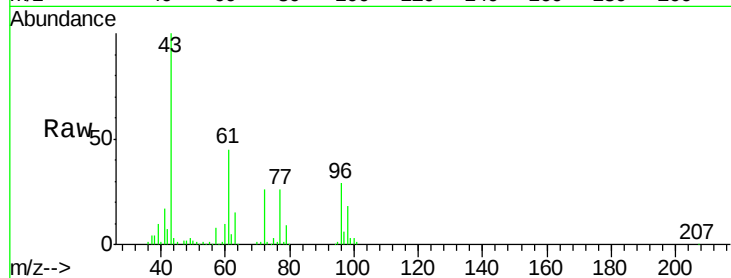
#25
 2-Butanone
 Concen: 221.566 ug/l
 RT: 6.79 min Scan# 1559
 Delta R.T. -0.00 min
 Lab File: VN062723.D
 Acq: 1 Aug 2020 7:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 310348
 Ion Ratio Lower Upper
 43 100
 72 25.6 19.0 28.6

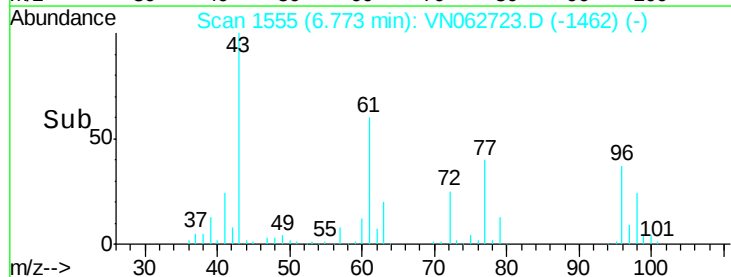
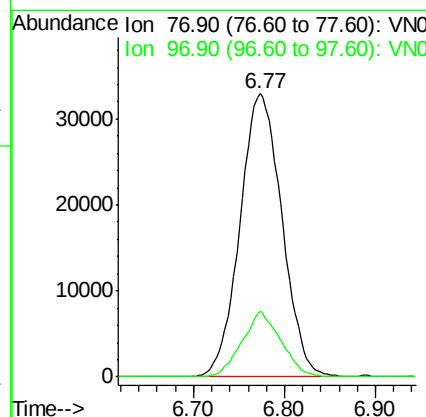
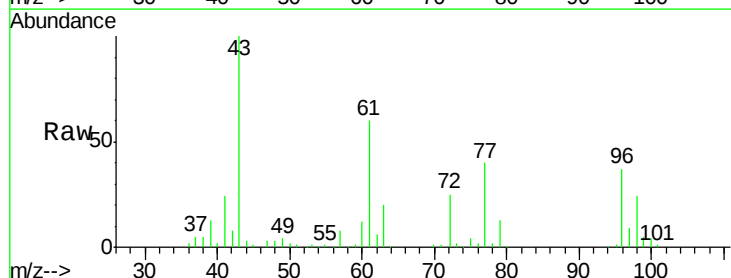
Manual Integrations
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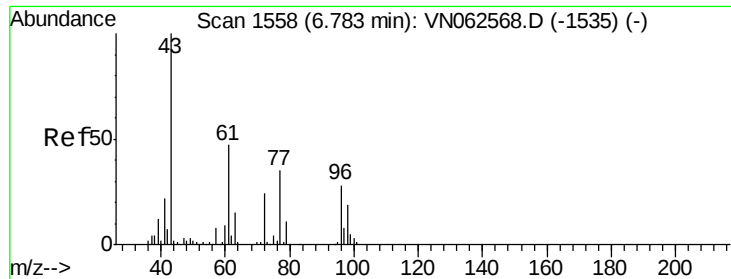
MMDadoda
 8/3/2020 5:03:28 PM



#26
 2,2-Dichloropropane
 Concen: 32.949 ug/l
 RT: 6.77 min Scan# 1555
 Delta R.T. -0.00 min
 Lab File: VN062723.D
 Acq: 1 Aug 2020 7:13

Tgt Ion: 77 Resp: 105502
 Ion Ratio Lower Upper
 77 100
 97 21.4 10.8 32.4





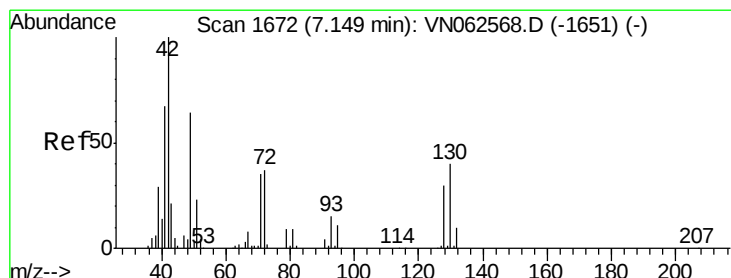
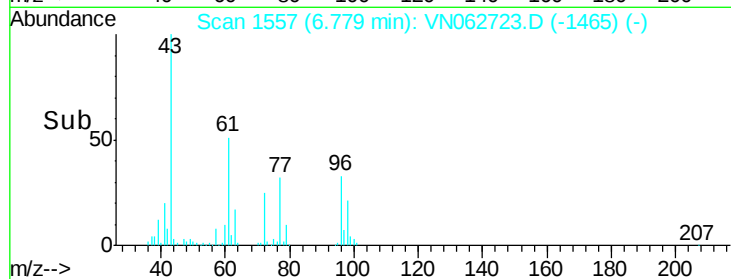
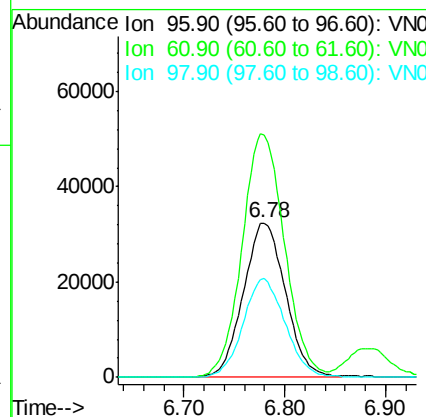
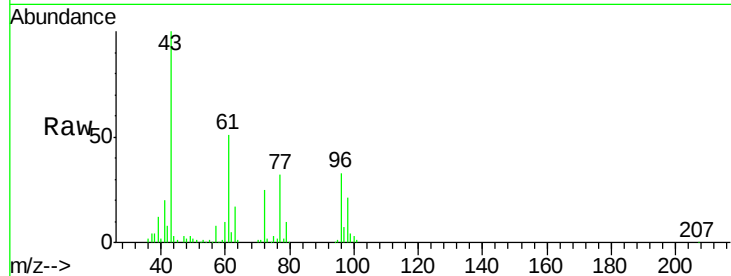
#27
 cis-1,2-Dichloroethene
 Concen: 44.013 ug/l
 RT: 6.78 min Scan# 1557
 Delta R.T. -0.00 min
 Lab File: VN062723.D
 Acq: 1 Aug 2020 7:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	158.4	0.0	332.4	
98	63.8	0.0	127.4	

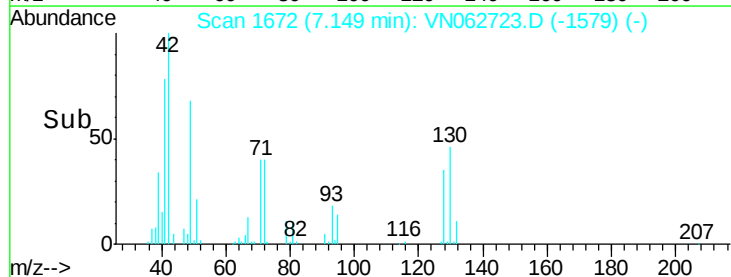
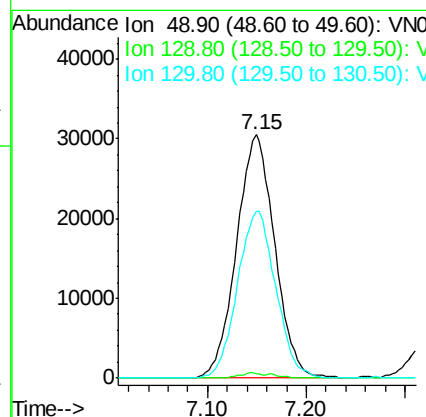
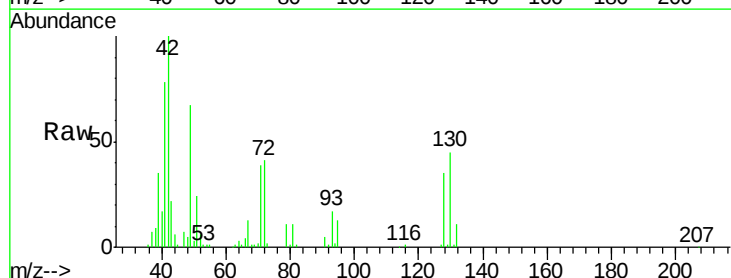
Manual Integrations
 APPROVED

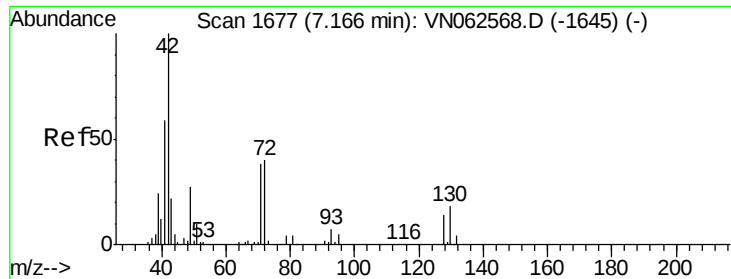
MMDadoda
 8/3/2020 5:03:28 PM



#28
 Bromochloromethane
 Concen: 42.762 ug/l
 RT: 7.15 min Scan# 1672
 Delta R.T. -0.00 min
 Lab File: VN062723.D
 Acq: 1 Aug 2020 7:13

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.1	0.0	3.4	
130	68.6	49.8	74.8	





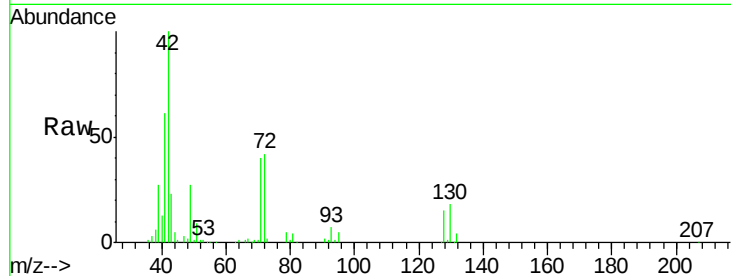
#29
Tetrahydrofuran
Concen: 218.284 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN062723.D
Acq: 1 Aug 2020 7:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.5	30.7	46.1
71	39.9	29.1	43.7

Manual Integrations
APPROVED

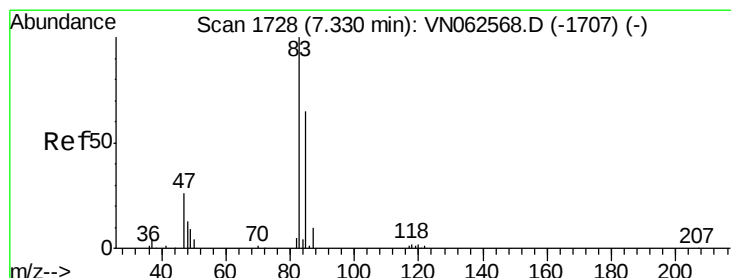
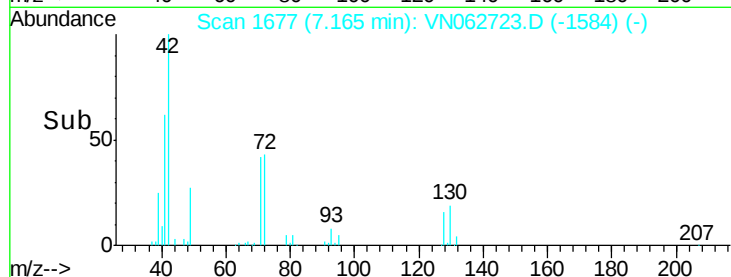
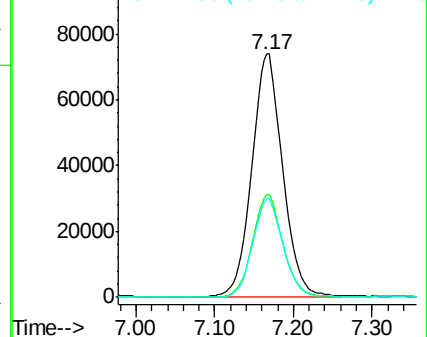
MMDadoda
8/3/2020 5:03:28 PM



Abundance Ion 42.00 (41.70 to 42.70): VN062723.D (-1645) (-)

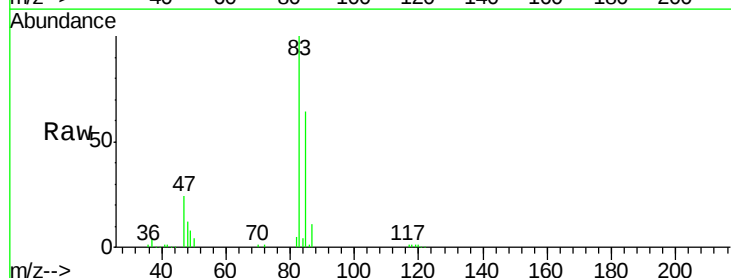
Ion 72.00 (71.70 to 72.70): VN062723.D (-1645) (-)

Ion 71.00 (70.70 to 71.70): VN062723.D (-1645) (-)



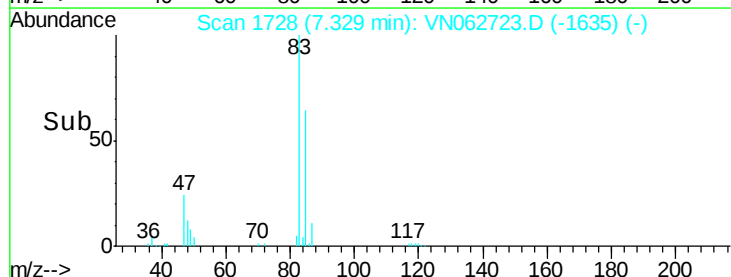
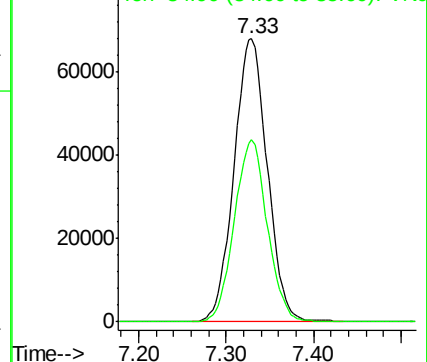
#30
Chloroform
Concen: 48.472 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. -0.00 min
Lab File: VN062723.D
Acq: 1 Aug 2020 7:13

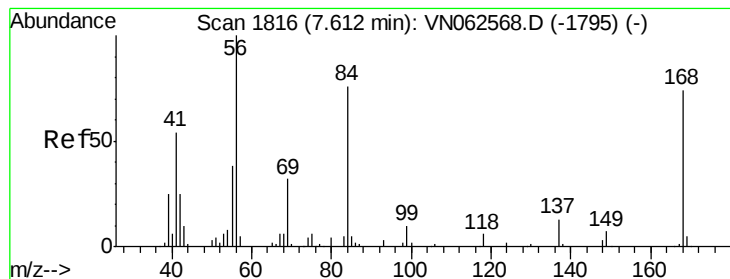
Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.2	52.0	78.0



Abundance Ion 82.90 (82.60 to 83.60): VN062723.D (-1635) (-)

Ion 84.90 (84.60 to 85.60): VN062723.D (-1635) (-)





#31

Cyclohexane

Concen: 39.506 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VN062723.D

Acq: 1 Aug 2020 7:13

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050EC

Tot Ion: 56 Resp: 142272

Ion Ratio Lower Upper

56 100

69 33.7 25.3 37.9

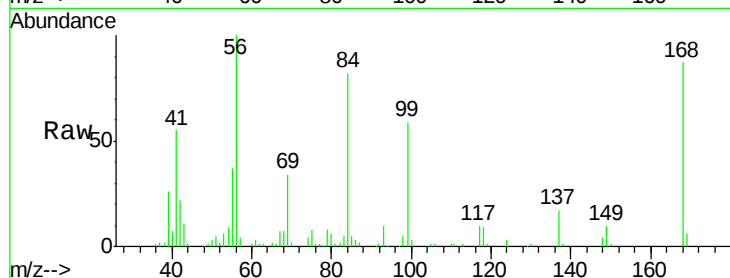
84 80.4 61.0 91.4

Manual Integrations

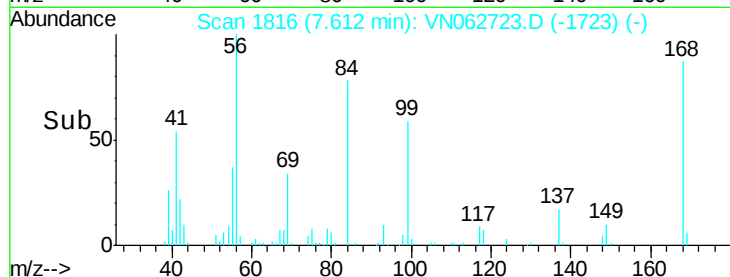
APPROVED

MMDadoda

8/3/2020 5:03:28 PM



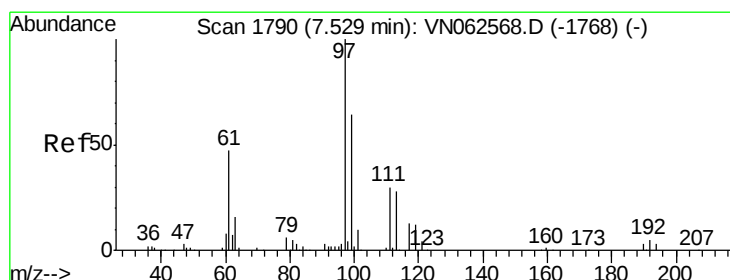
Abundance Ion 56.00 (55.70 to 56.70): VN062723.D (-1723) (-)



Ion 69.00 (68.70 to 69.70): VN062723.D (-1723) (-)

Ion 84.00 (83.70 to 84.70): VN062723.D (-1723) (-)

Time-->



#32

1,1,1-Trichloroethane

Concen: 51.591 ug/l

RT: 7.53 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VN062723.D

Acq: 1 Aug 2020 7:13

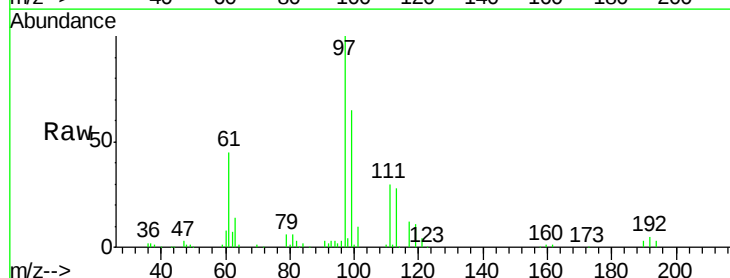
Tgt Ion: 97 Resp: 159741

Ion Ratio Lower Upper

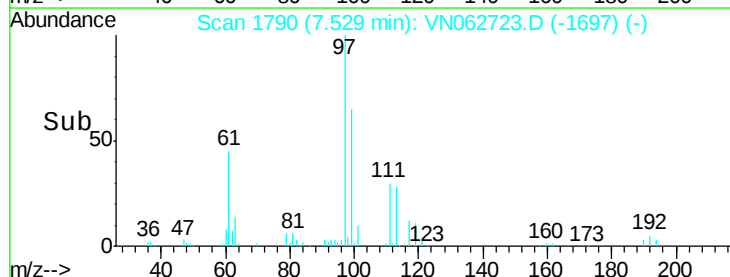
97 100

99 64.4 51.2 76.8

61 46.2 38.4 57.6



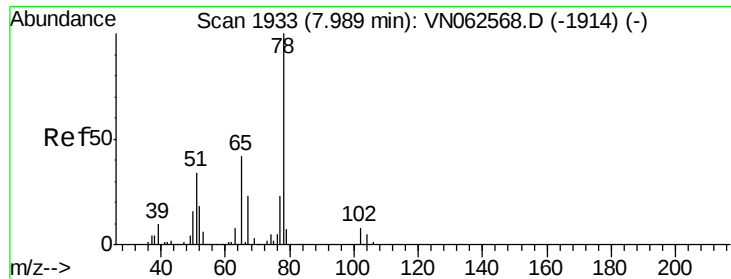
Abundance Ion 96.90 (96.60 to 97.60): VN062723.D (-1697) (-)



Ion 98.90 (98.60 to 99.60): VN062723.D (-1697) (-)

Ion 60.90 (60.60 to 61.60): VN062723.D (-1697) (-)

Time-->



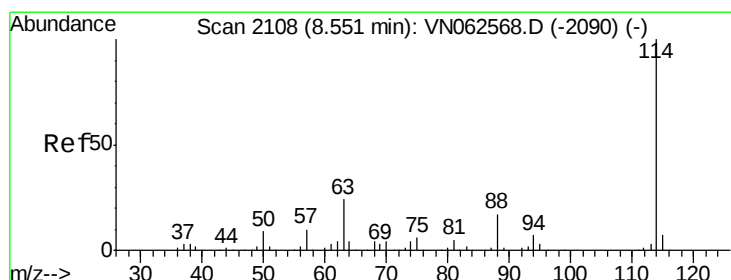
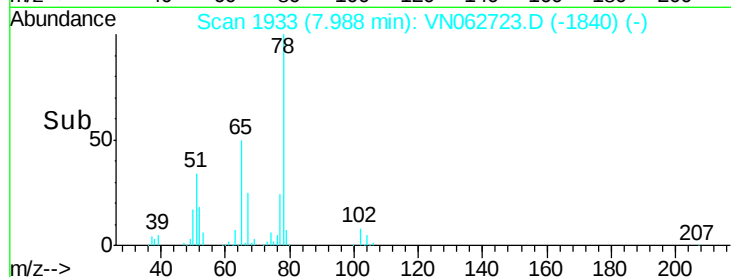
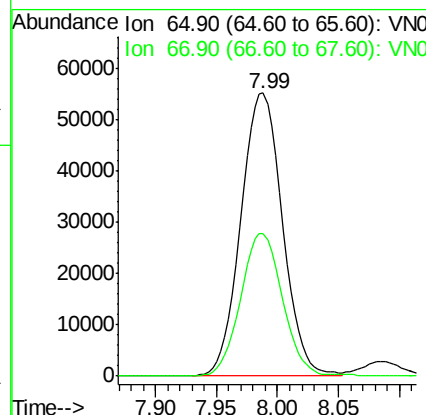
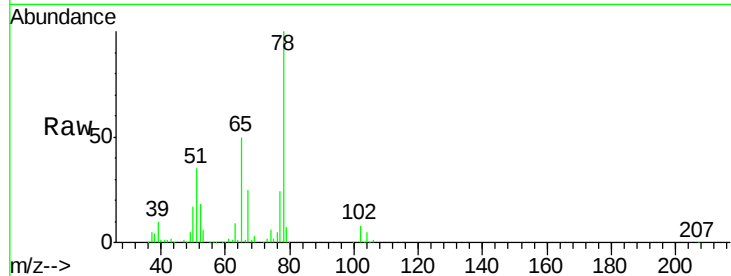
#33
 1,2-Dichloroethane-d4
 Concen: 53.481 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: VN062723.D
 Acq: 1 Aug 2020 7:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	130710		
67	50.4	0.0	106.0	

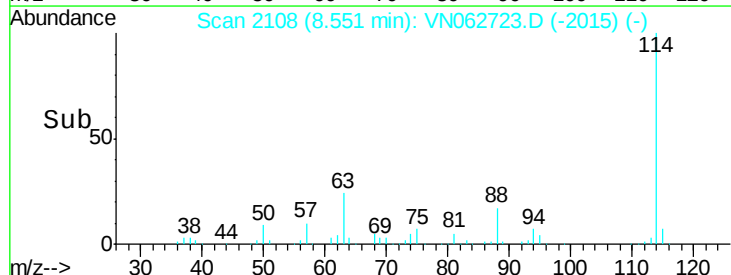
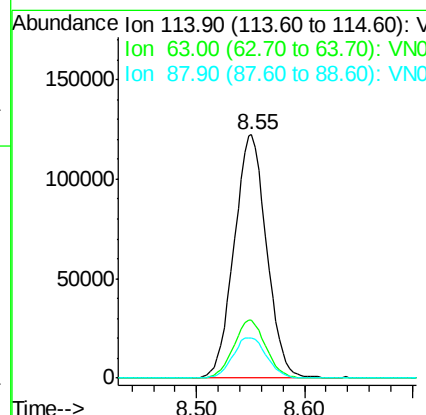
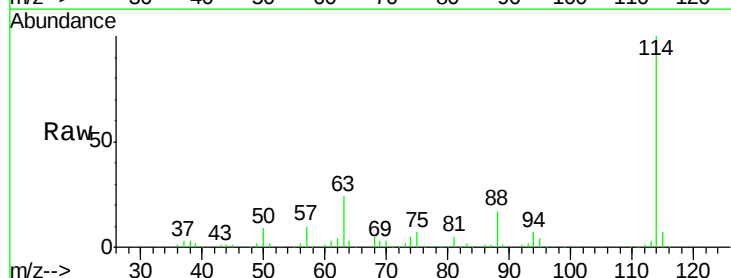
Manual Integrations
 APPROVED

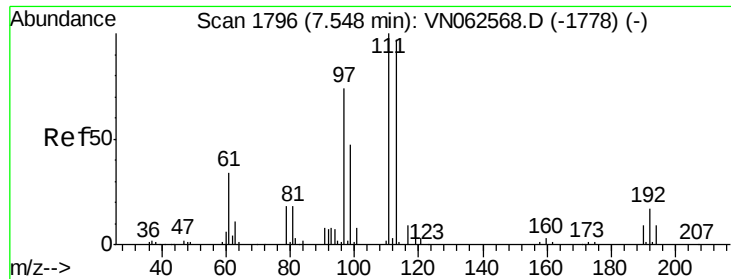
MMDadoda
 8/3/2020 5:03:28 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062723.D
 Acq: 1 Aug 2020 7:13

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	256256		
63	23.6	0.0	48.4	
88	16.6	0.0	33.8	





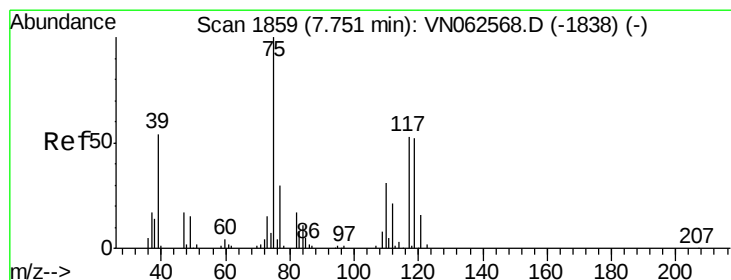
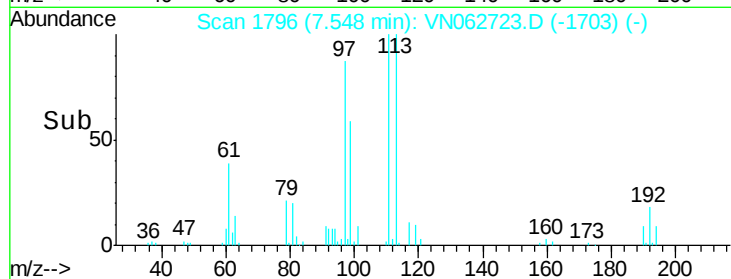
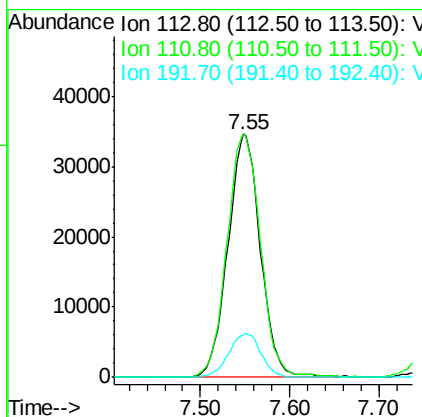
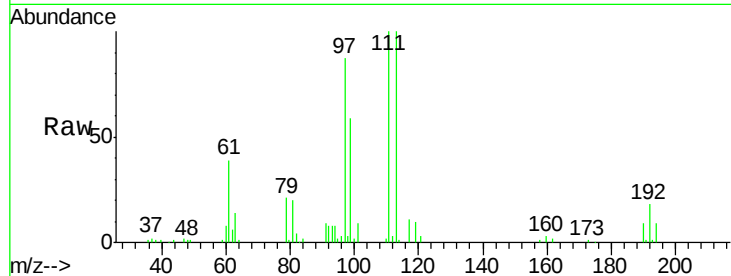
#35
 Dibromofluoromethane
 Concen: 51.696 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062723.D
 Acq: 1 Aug 2020 7:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	87016		
111	103.5	82.7	124.1	
192	18.1	14.8	22.2	

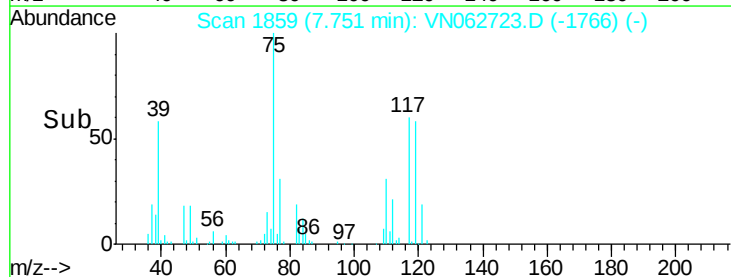
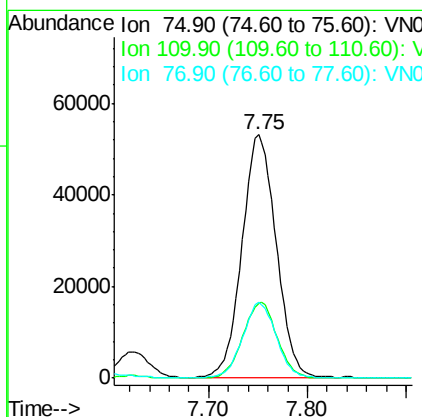
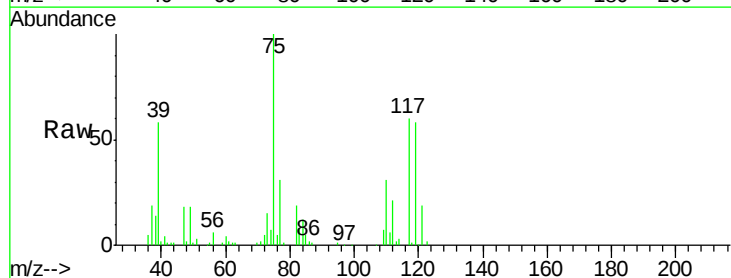
Manual Integrations
 APPROVED

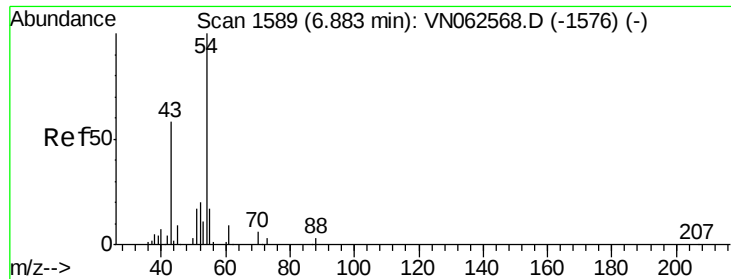
MMDadoda
 8/3/2020 5:03:28 PM



#36
 1,1-Dichloropropene
 Concen: 46.798 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN062723.D
 Acq: 1 Aug 2020 7:13

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	127824		
110	30.9	16.0	48.0	
77	30.6	24.6	36.8	





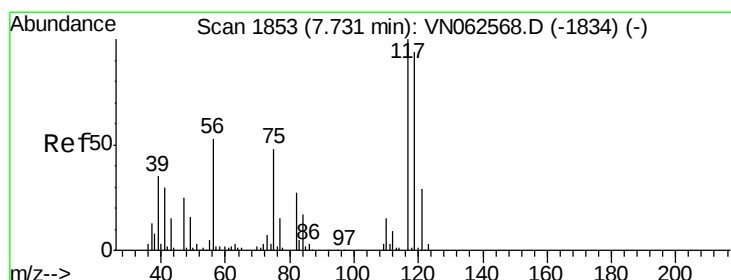
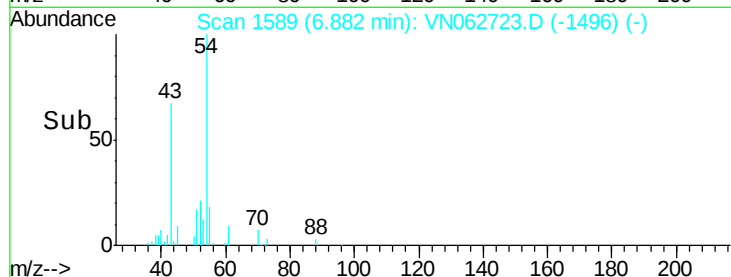
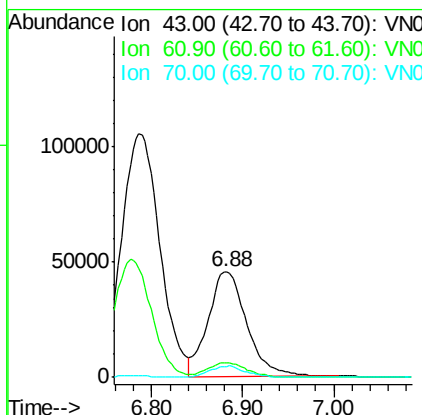
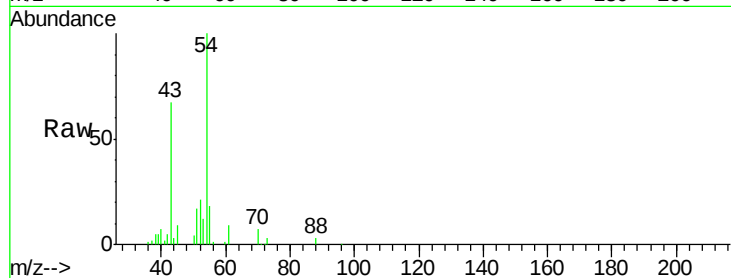
#37
Ethyl Acetate
Concen: 45.799 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. -0.00 min
Lab File: VN062723.D
Acq: 1 Aug 2020 7:13

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.0	11.3	16.9
70	10.1	7.7	11.5

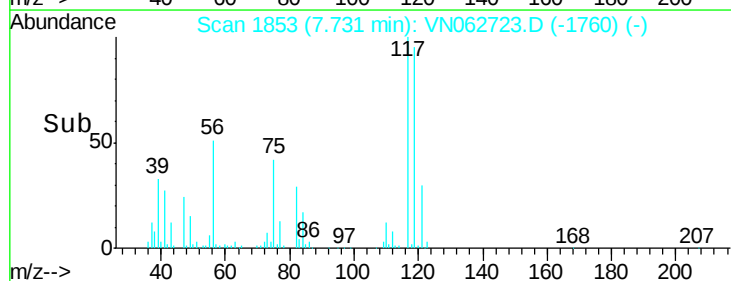
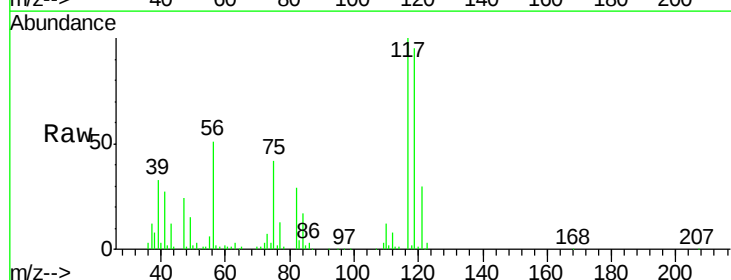
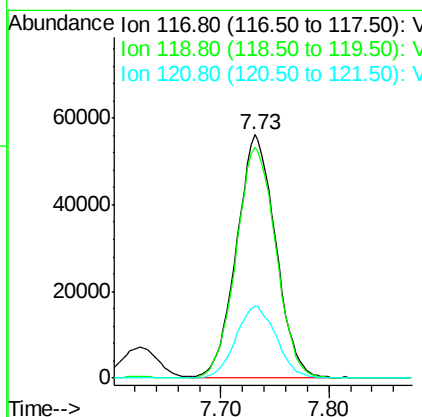
Manual Integrations
APPROVED

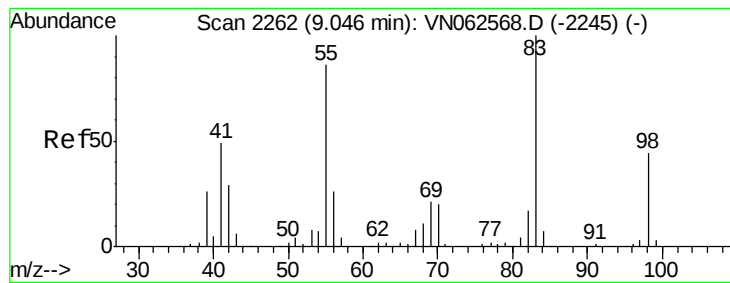
MMDadoda
8/3/2020 5:03:28 PM



#38
Carbon Tetrachloride
Concen: 53.525 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062723.D
Acq: 1 Aug 2020 7:13

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.1	74.8	112.2
121	30.0	23.0	34.6





#39

Methvlcvclohexane

Concen: 43.988 ug/l

RT: 9.05 min Scan# 2262

Delta R.T. -0.00 min

Lab File: VN062723.D

Acq: 1 Aug 2020 7:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 129336
Ion Ratio Lower Upper

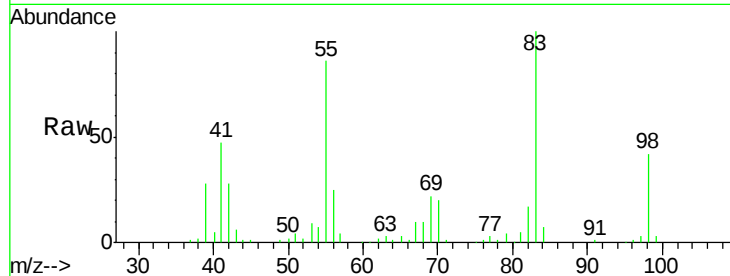
83 100

55 85.9 68.9 103.3

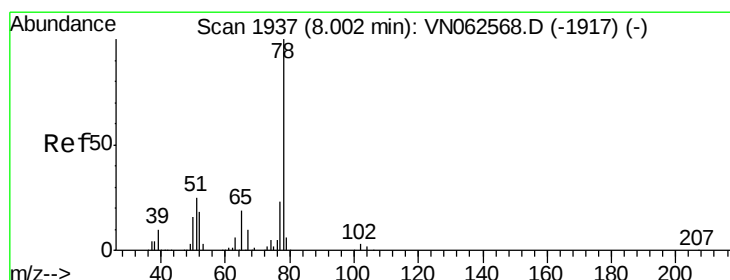
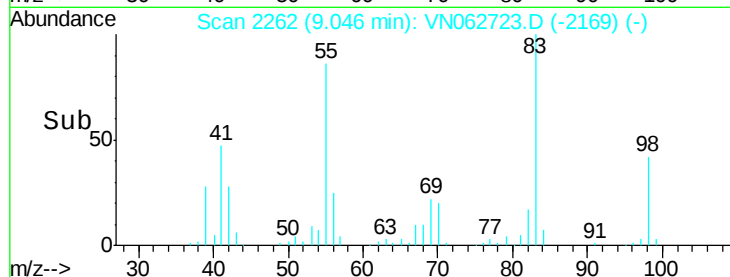
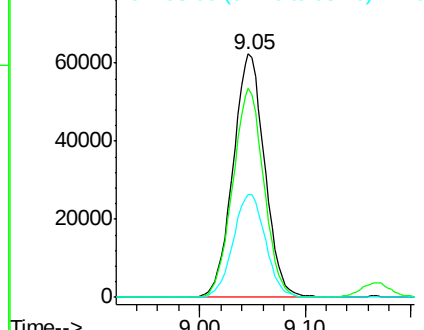
98 42.4 35.1 52.7

Manual Integrations
APPROVED

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8/3/2020 5:03:28 PM



Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0



#40

Benzene

Concen: 45.110 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN062723.D

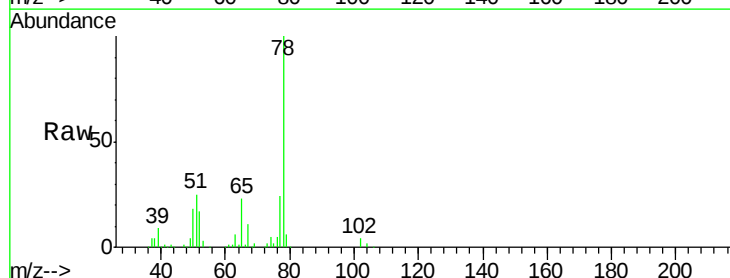
Acq: 1 Aug 2020 7:13

Tgt Ion: 78 Resp: 373026

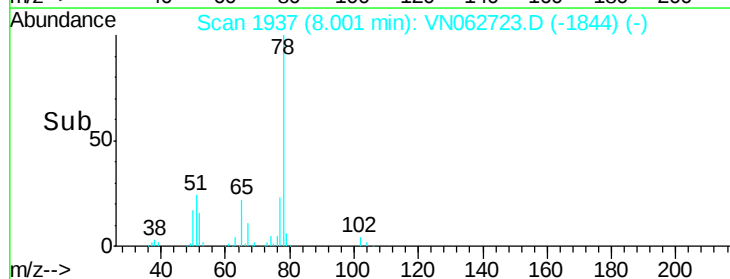
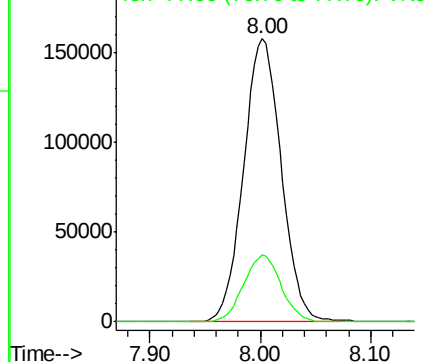
Ion Ratio Lower Upper

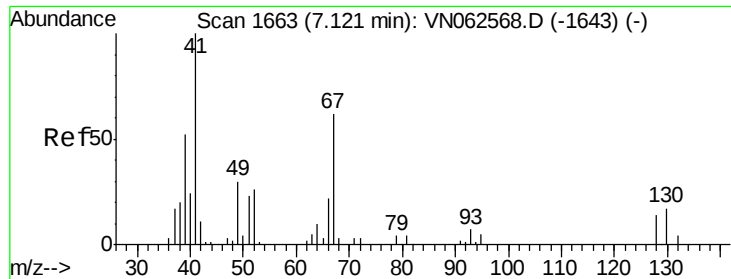
78 100

77 23.5 18.7 28.1



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0





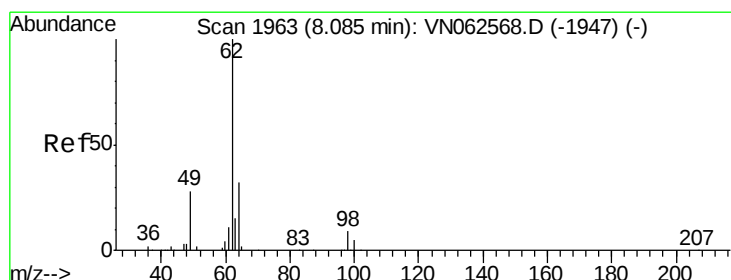
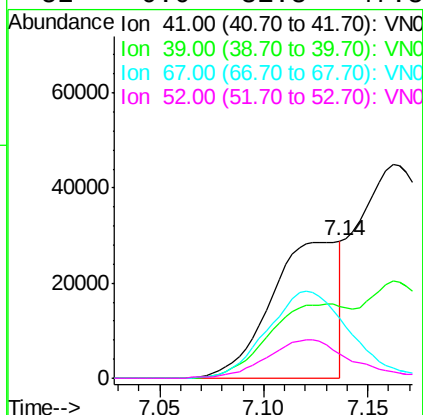
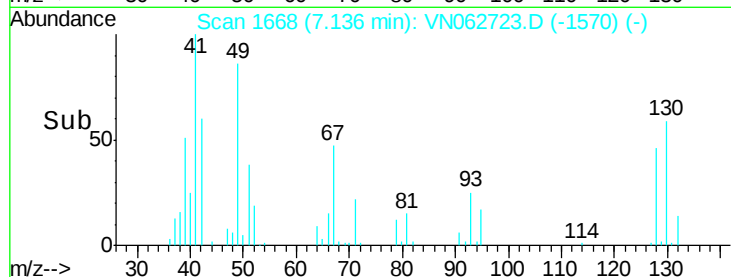
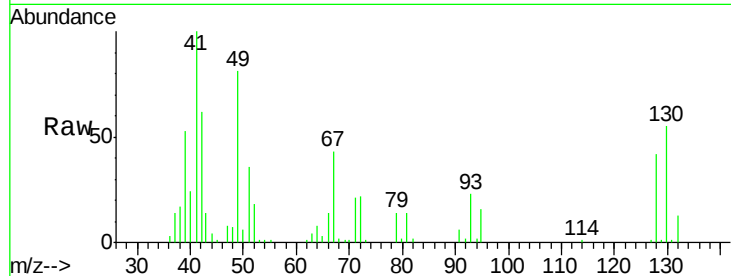
#41
Methacrylonitrile
Concen: 52.068 ug/l m
RT: 7.14 min Scan# 1668
Delta R.T. 0.02 min
Lab File: VN062723.D
Acq: 1 Aug 2020 7:13

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	55.8	83.6#
67	0.0	72.5	108.7#
52	0.0	31.8	47.8#

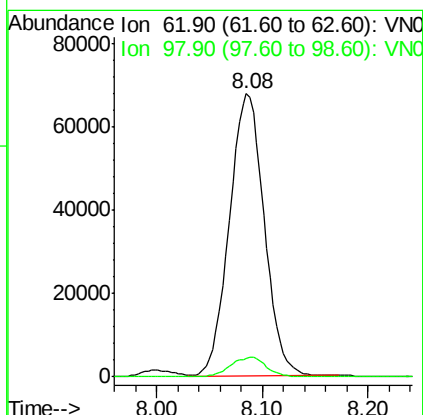
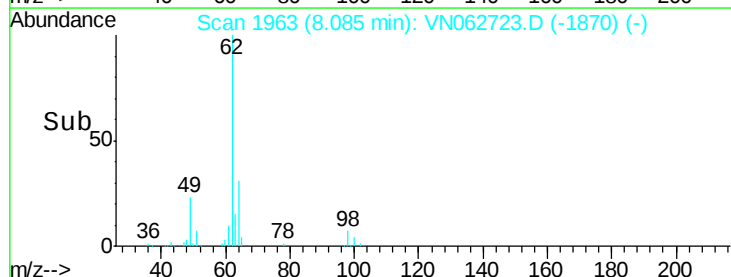
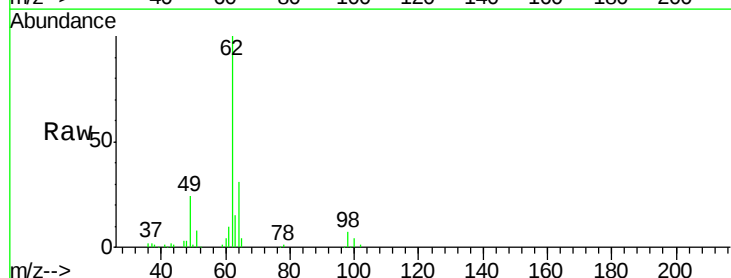
Manual Integrations
APPROVED

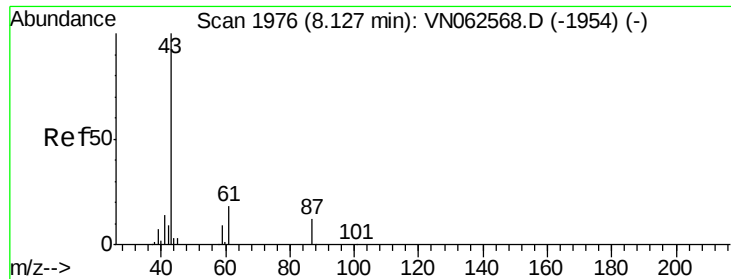
MMDadoda
8/3/2020 5:03:28 PM



#42
1,2-Dichloroethane
Concen: 51.489 ug/l
RT: 8.08 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062723.D
Acq: 1 Aug 2020 7:13

Tgt Ion	Ratio	Lower	Upper
62	100		
98	7.0	0.0	16.2





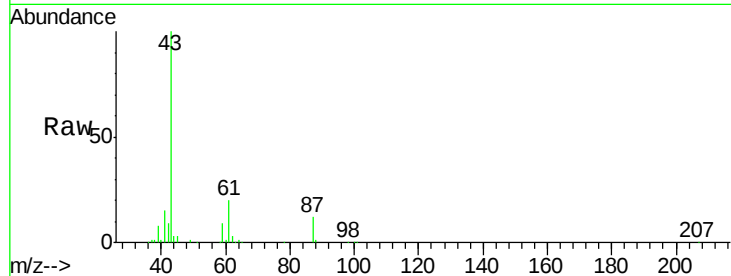
#43
Isopropyl Acetate
Concen: 45.526 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. -0.00 min
Lab File: VN062723.D
Acq: 1 Aug 2020 7:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

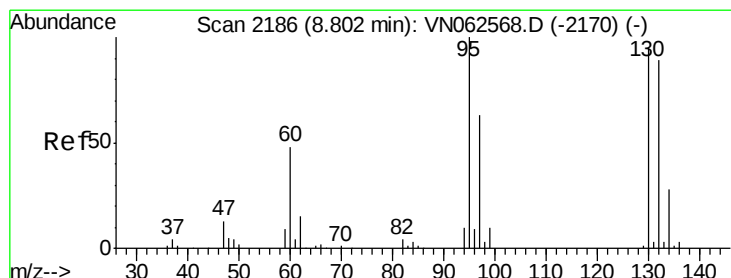
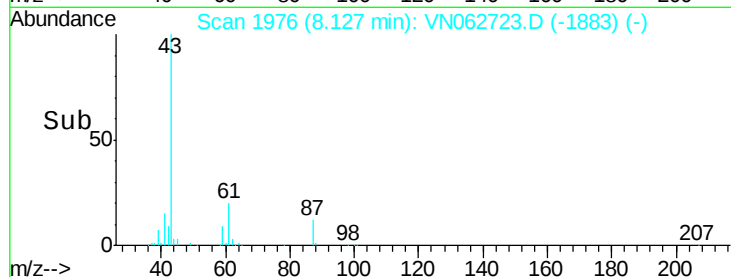
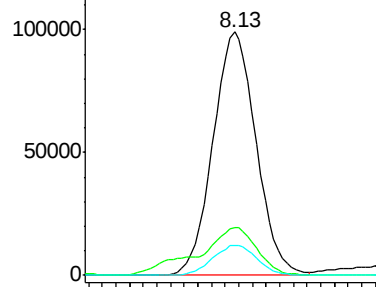
Tot Ion	43	Resp	216089
Ion Ratio	Lower	Upper	
43	100		
61	27.2	20.8	31.2
87	12.7	9.2	13.8

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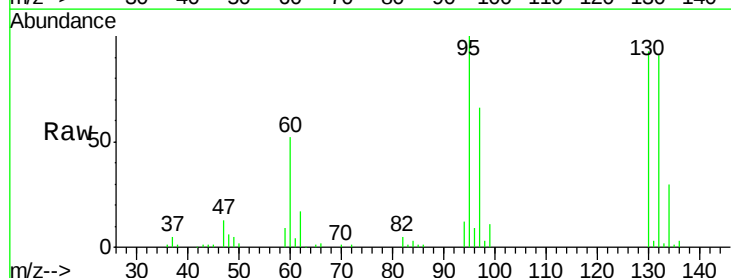


Abundance Ion 43.00 (42.70 to 43.70): VN062723.D (-1883) (-)

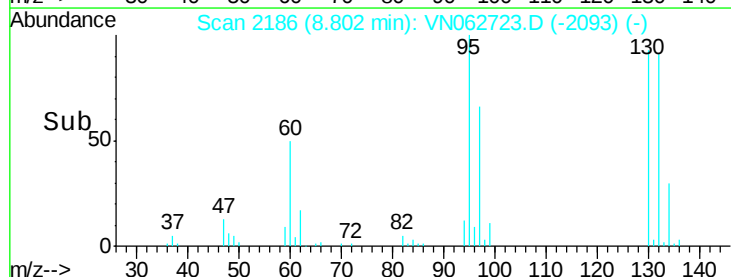
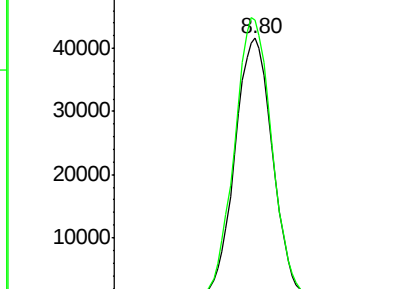


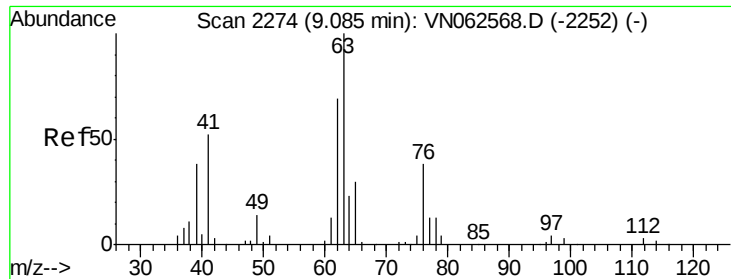
#44
Trichloroethene
Concen: 46.346 ug/l
RT: 8.80 min Scan# 2186
Delta R.T. -0.00 min
Lab File: VN062723.D
Acq: 1 Aug 2020 7:13

Tgt Ion	130	Resp	86426
Ion Ratio	Lower	Upper	
130	100		
95	107.1	0.0	210.4



Abundance Ion 129.80 (129.50 to 130.50): VN062723.D (-2093) (-)





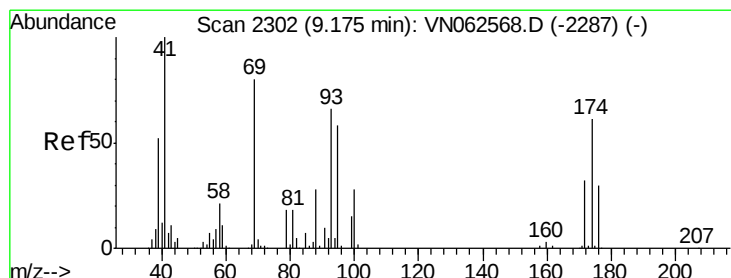
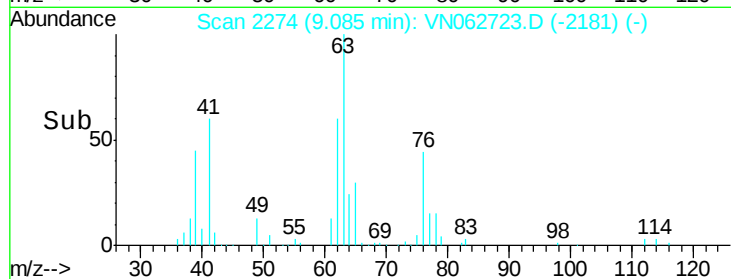
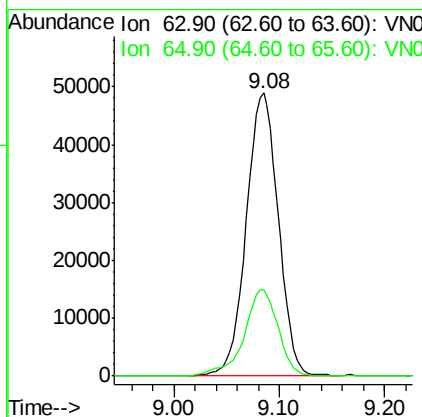
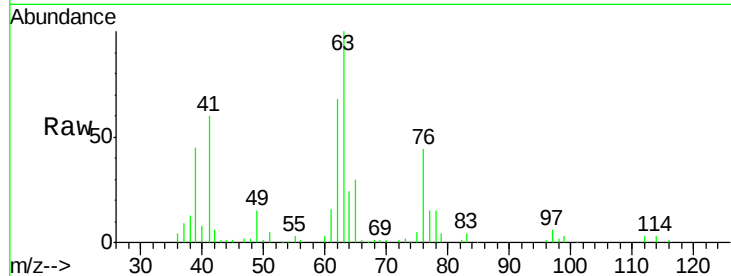
#45
 1,2-Dichloropropane
 Concen: 44.663 ug/l
 RT: 9.08 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN062723.D
 Acq: 1 Aug 2020 7:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 103697
 Ion Ratio Lower Upper
 63 100
 65 30.4 24.4 36.6

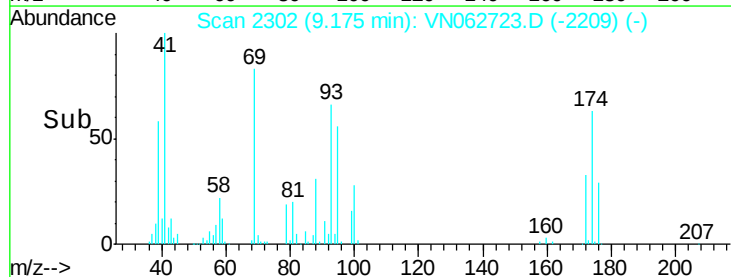
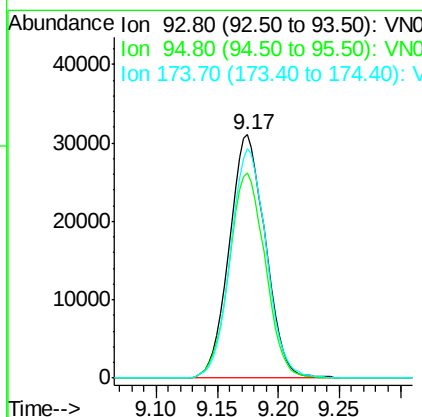
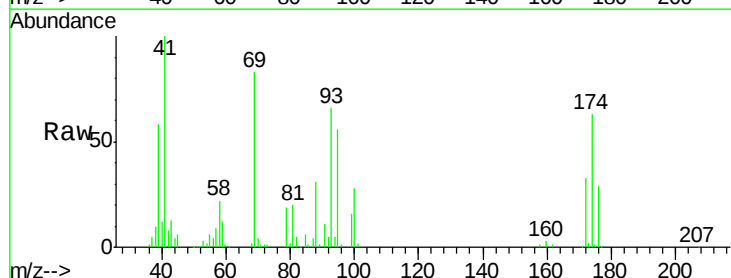
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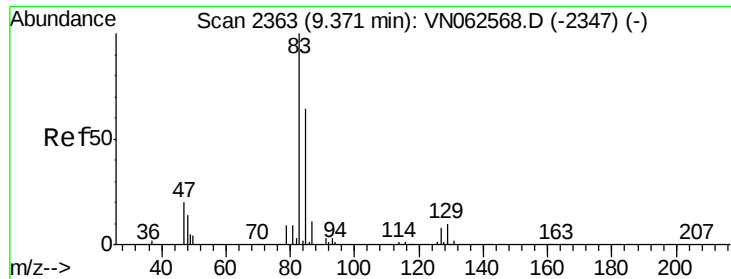
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#46
 Dibromomethane
 Concen: 47.605 ug/l
 RT: 9.17 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN062723.D
 Acq: 1 Aug 2020 7:13

Tgt Ion: 93 Resp: 63882
 Ion Ratio Lower Upper
 93 100
 95 84.2 67.6 101.4
 174 93.3 72.5 108.7





#47

Bromodichloromethane

Concen: 50.221 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. -0.00 min

Lab File: VN062723.D

Acq: 1 Aug 2020 7:13

Instrument :

MSVOA_N

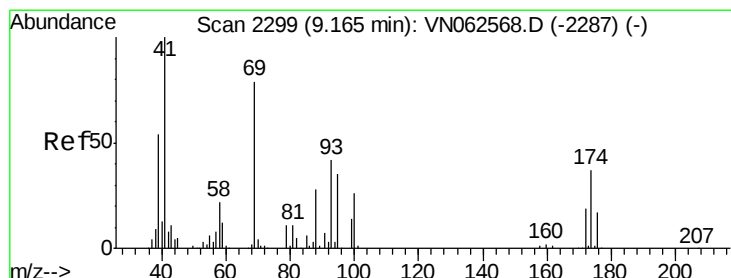
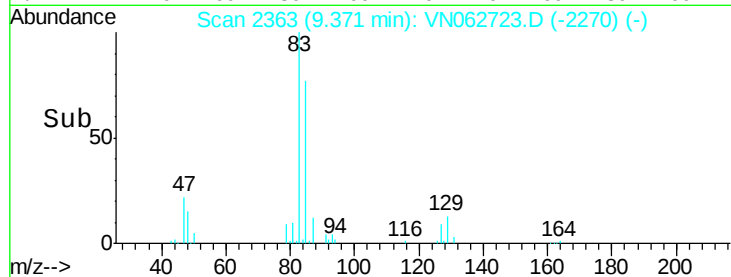
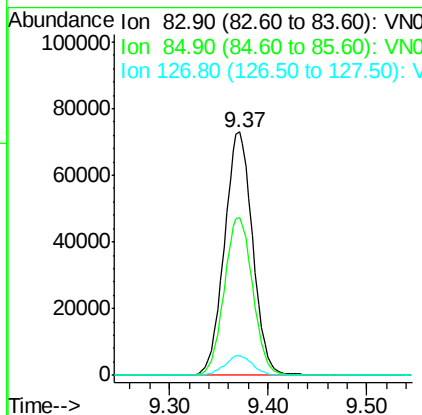
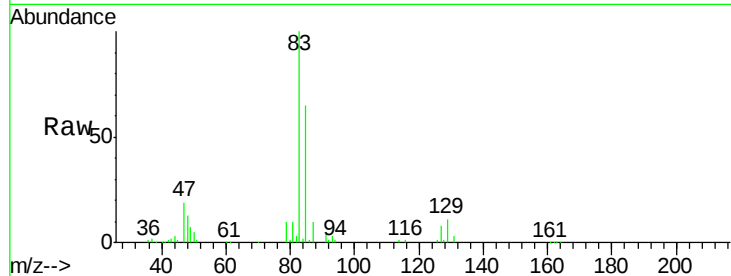
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	146004
Ion Ratio	Lower	Upper	
83	100		
85	64.6	51.6	77.4
127	7.9	6.2	9.2

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#48

Methyl methacrylate

Concen: 47.451 ug/l

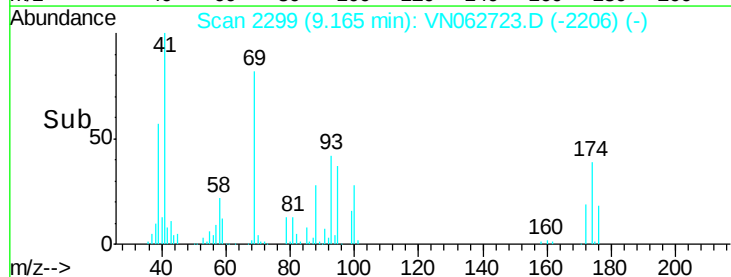
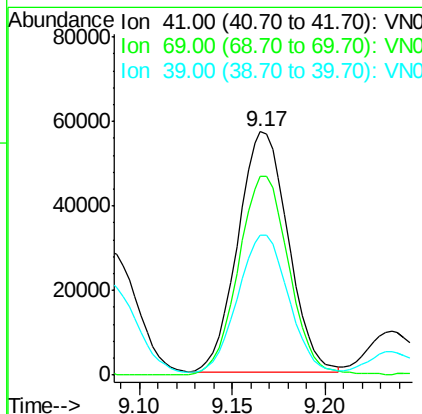
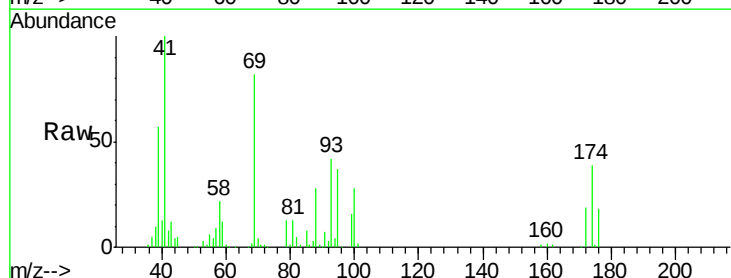
RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN062723.D

Acq: 1 Aug 2020 7:13

Tgt Ion:	41	Resp:	107063
Ion Ratio	Lower	Upper	
41	100		
69	83.1	64.4	96.6
39	59.3	43.5	65.3





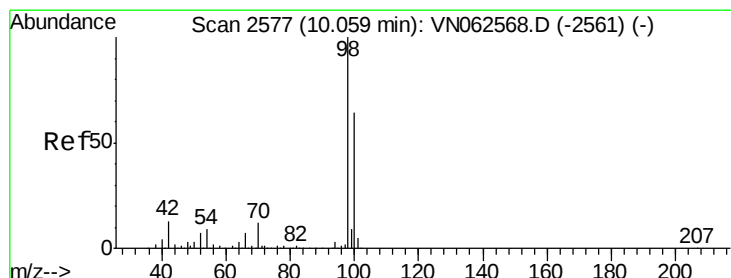
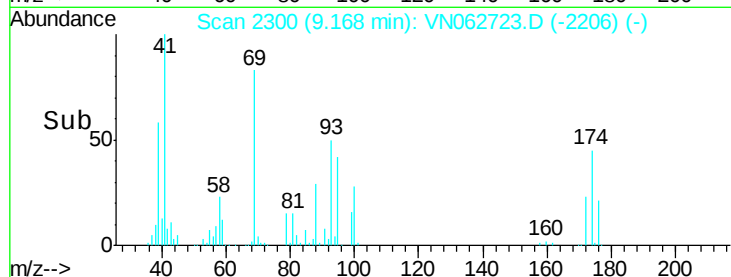
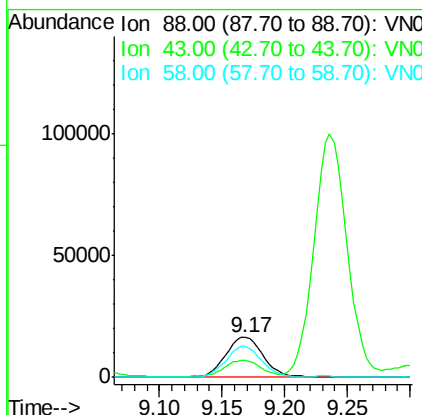
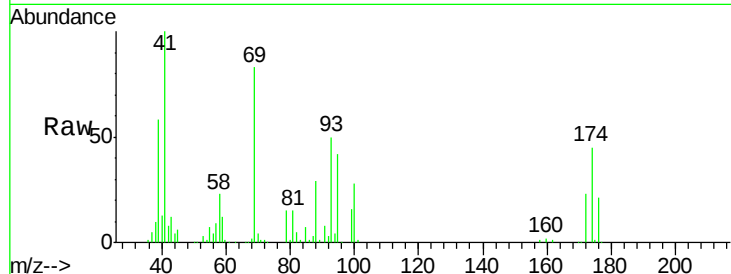
#49
1,4-Dioxane
Concen: 994.279 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. 0.00 min
Lab File: VN062723.D
Acq: 1 Aug 2020 7:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	88	Resp	34456
Ion	Ratio	Lower	Upper
88	100		
43	39.7	32.0	48.0
58	73.7	62.8	94.2

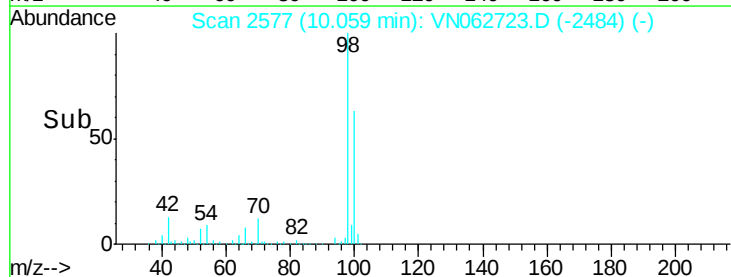
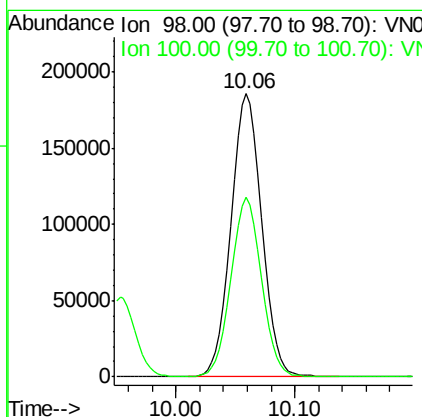
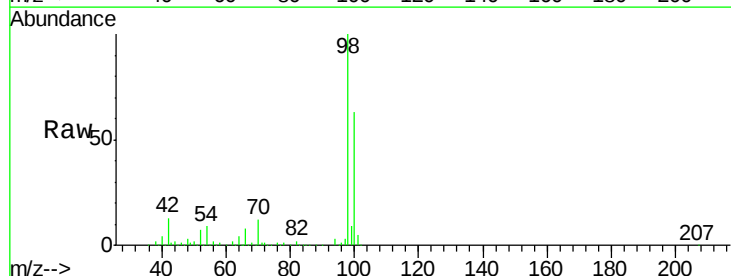
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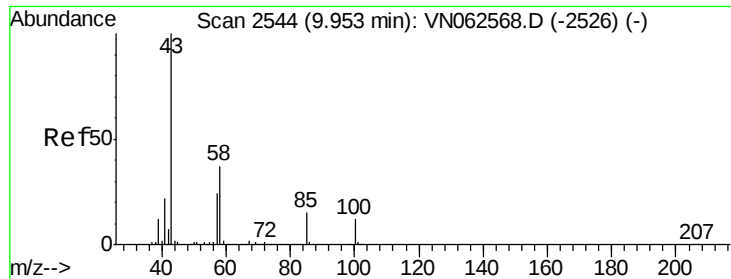
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#50
Toluene-d8
Concen: 49.607 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062723.D
Acq: 1 Aug 2020 7:13

Tgt Ion	98	Resp	333157
Ion	Ratio	Lower	Upper
98	100		
100	62.5	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 240.264 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN062723.D

Acq: 1 Aug 2020 7:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 682348

Ion Ratio Lower Upper

43 100

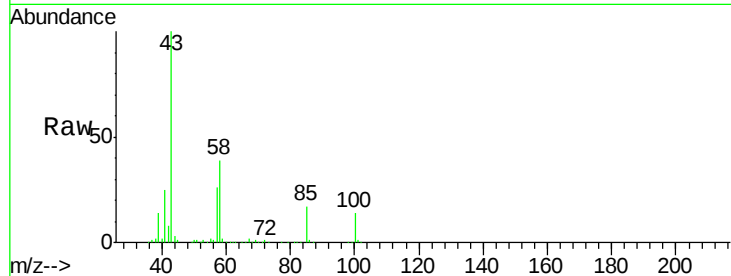
58 38.4 29.8 44.6

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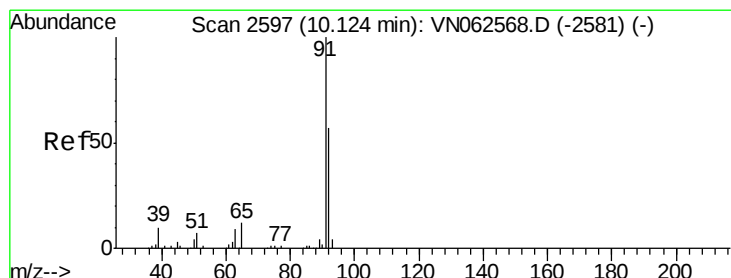
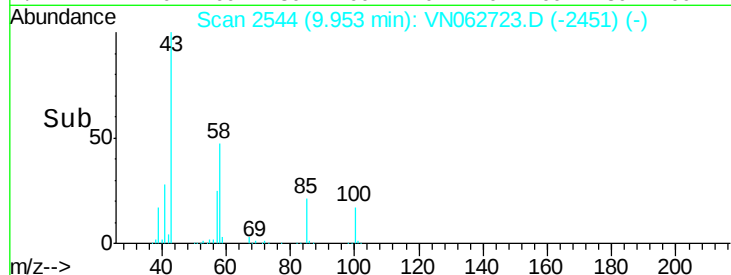
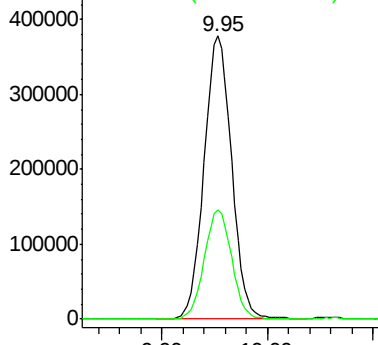
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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 47.355 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062723.D

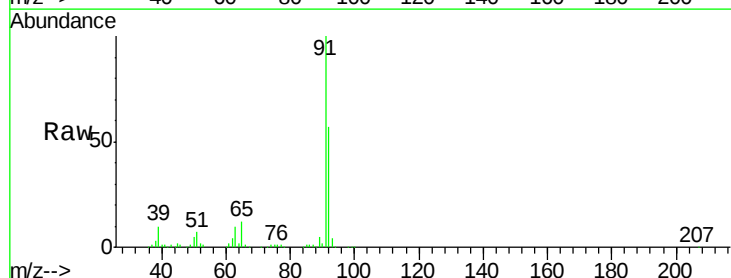
Acq: 1 Aug 2020 7:13

Tgt Ion: 92 Resp: 227383

Ion Ratio Lower Upper

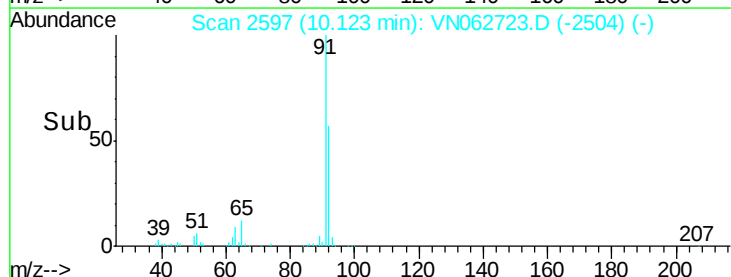
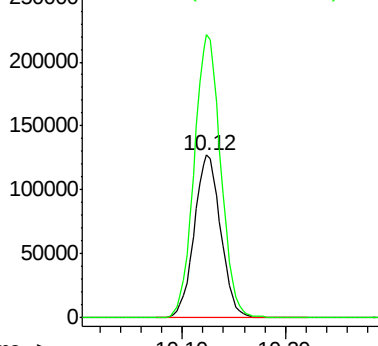
92 100

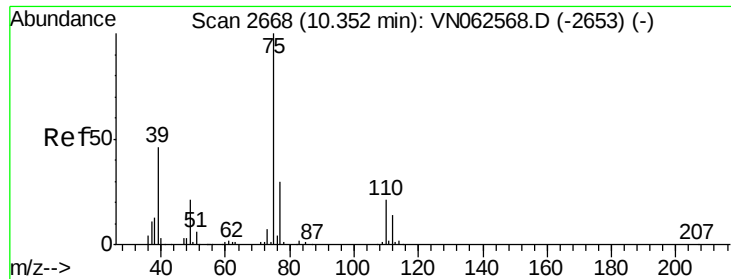
91 175.0 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





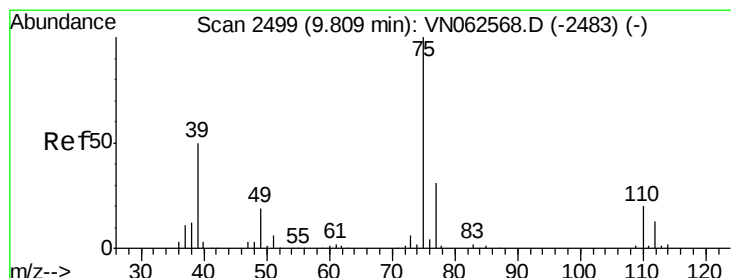
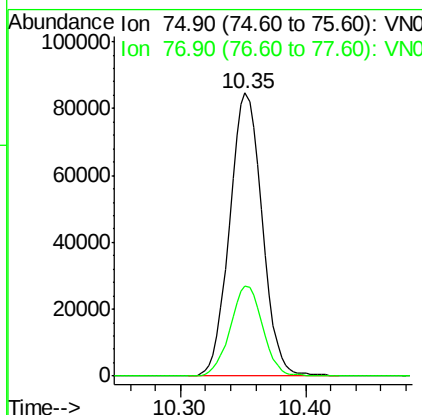
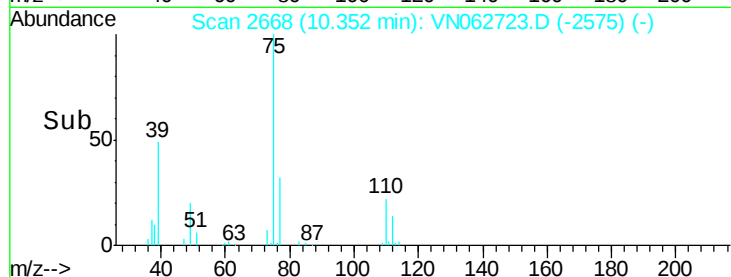
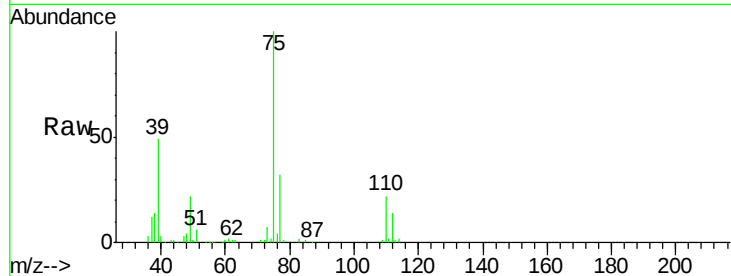
#53
t-1,3-Dichloropropene
Concen: 47.119 ug/l
RT: 10.35 min Scan# 2668
Delta R.T. -0.00 min
Lab File: VN062723.D
Acq: 1 Aug 2020 7:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.0	24.3	36.5

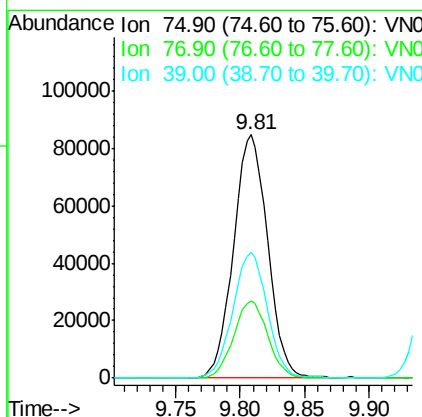
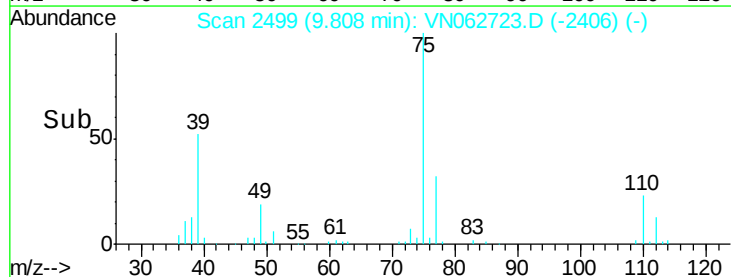
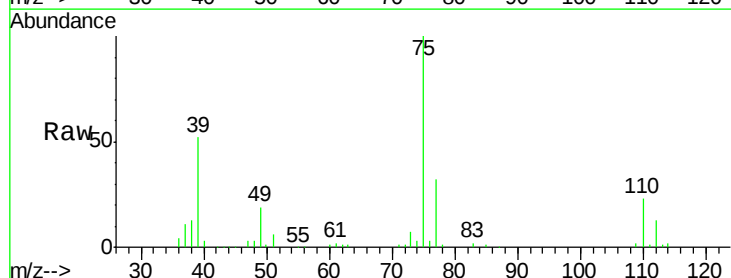
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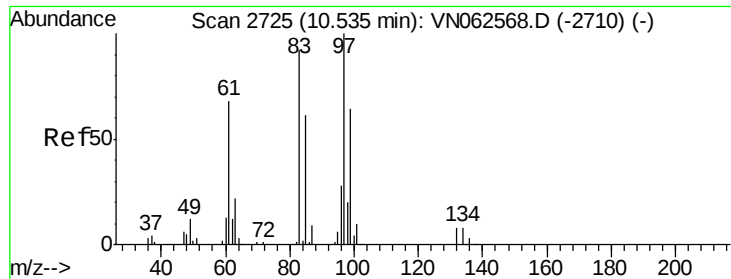
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#54
cis-1,3-Dichloropropene
Concen: 44.962 ug/l
RT: 9.81 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VN062723.D
Acq: 1 Aug 2020 7:13

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.0	37.6
39	51.8	39.8	59.8





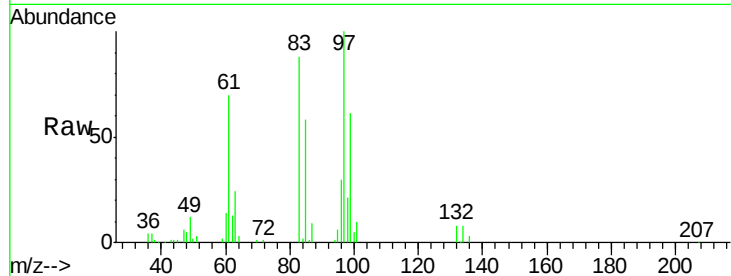
#55
 1,1,2-Trichloroethane
 Concen: 49.980 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN062723.D
 Acq: 1 Aug 2020 7:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

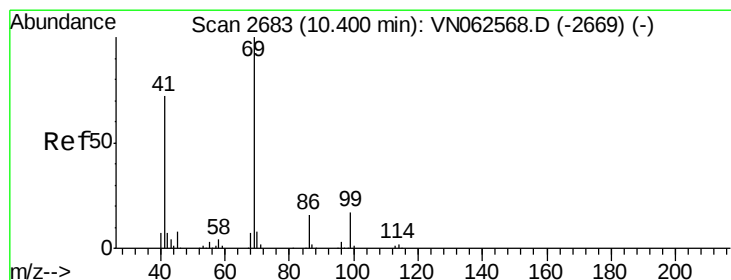
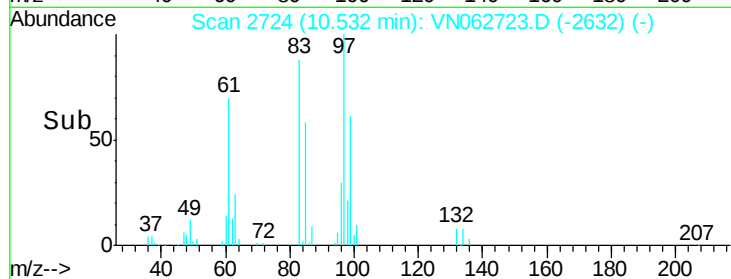
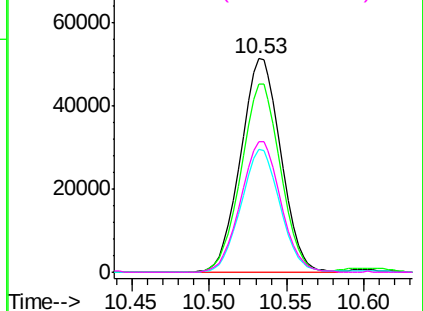
Tot Ion:	97	Resp:	93089
Ion	Ratio	Lower	Upper
97	100		
83	88.2	73.7	110.5
85	57.6	48.5	72.7
99	61.3	50.8	76.2

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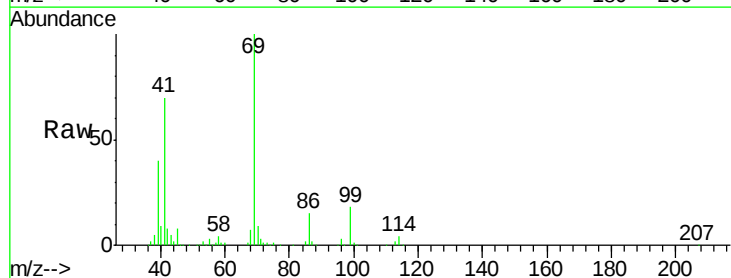


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

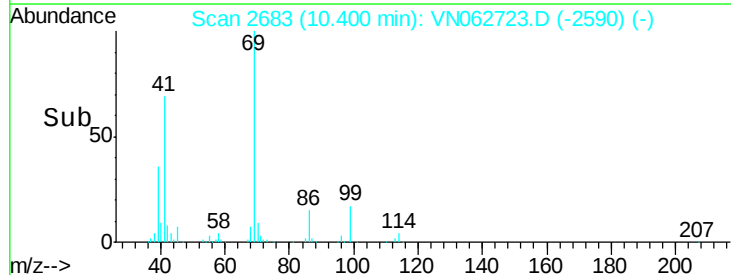
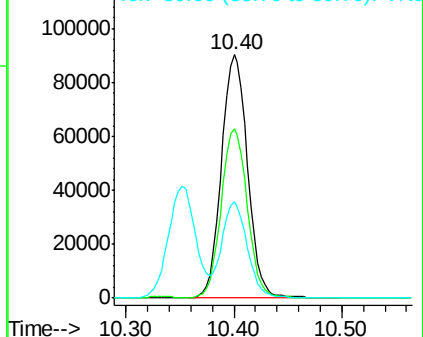


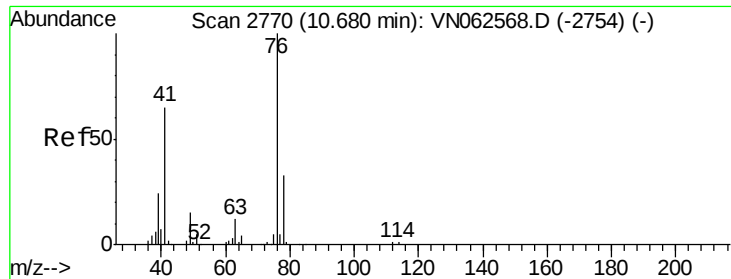
#56
 Ethyl methacrylate
 Concen: 45.716 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: VN062723.D
 Acq: 1 Aug 2020 7:13

Tgt Ion:	69	Resp:	152366
Ion	Ratio	Lower	Upper
69	100		
41	69.1	57.2	85.8
39	38.3	28.6	43.0



Abundance Ion 69.00 (68.70 to 69.70): VN0
 Ion 41.00 (40.70 to 41.70): VN0
 Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 47.812 ug/l

RT: 10.68 min Scan# 2770

Delta R.T. -0.00 min

Lab File: VN062723.D

Acq: 1 Aug 2020 7:13

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050EC

Tot Ion: 76 Resp: 163144

Ion Ratio Lower Upper

76 100

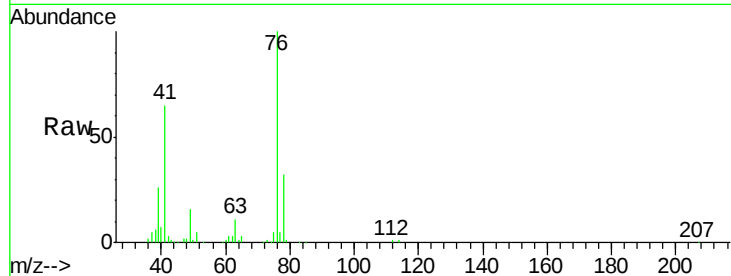
78 32.2 26.3 39.5

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Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.68

80000

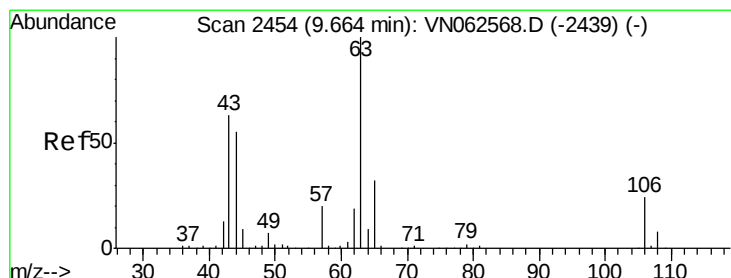
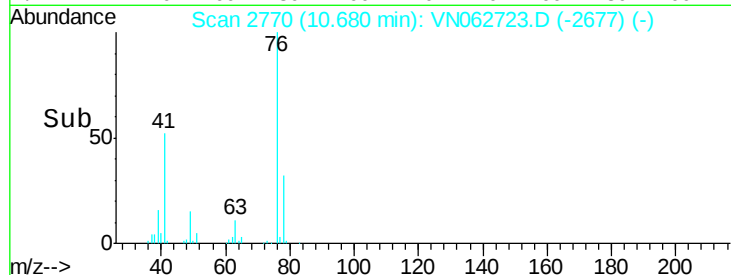
60000

40000

20000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 232.017 ug/l

RT: 9.66 min Scan# 2454

Delta R.T. 0.00 min

Lab File: VN062723.D

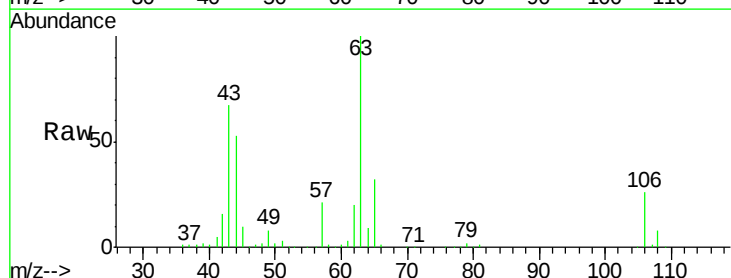
Acq: 1 Aug 2020 7:13

Tgt Ion: 63 Resp: 232550

Ion Ratio Lower Upper

63 100

106 25.6 18.9 28.3



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.66

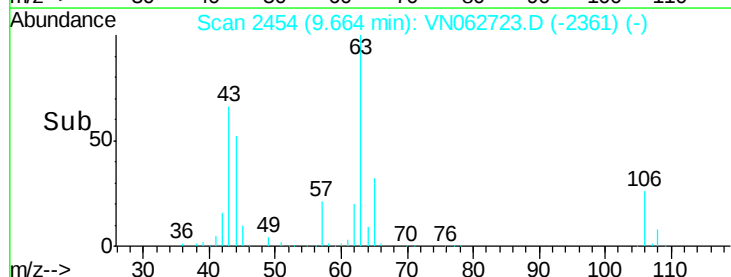
150000

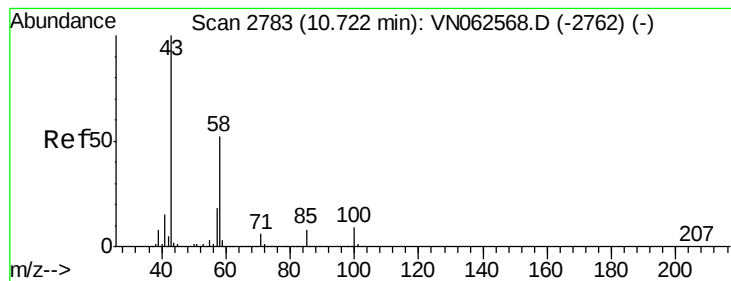
100000

50000

0

Time-->





#59

2-Hexanone

Concen: 232.459 ug/l

RT: 10.72 min Scan# 2784

Delta R.T. 0.00 min

Lab File: VN062723.D

Acq: 1 Aug 2020 7:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 510104

Ion Ratio Lower Upper

43 100

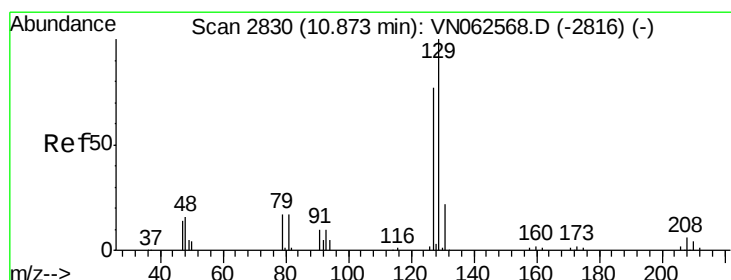
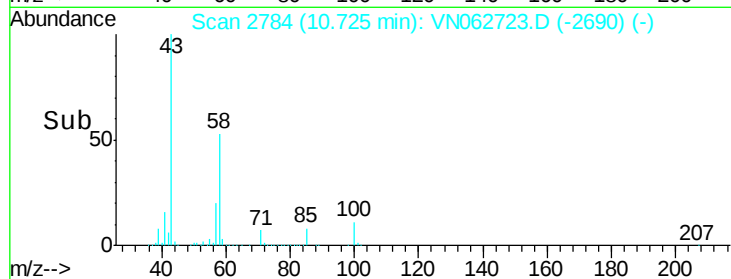
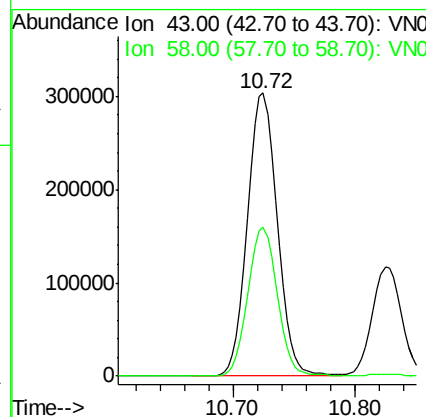
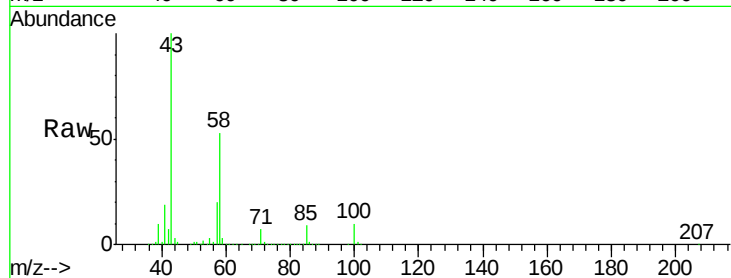
58 52.1 26.0 78.0

Manual Integrations

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#60

Dibromochloromethane

Concen: 51.859 ug/l

RT: 10.87 min Scan# 2830

Delta R.T. -0.00 min

Lab File: VN062723.D

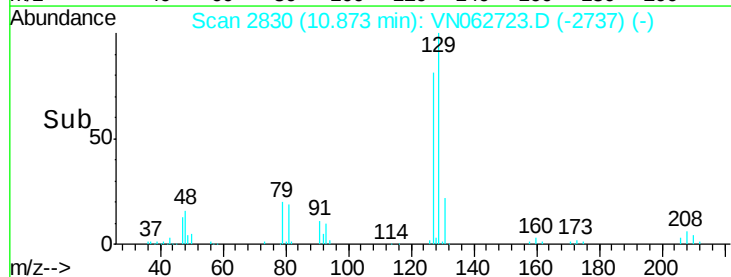
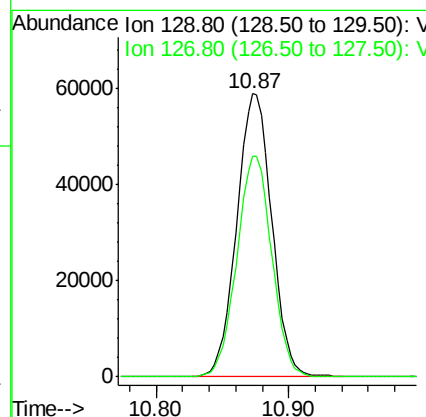
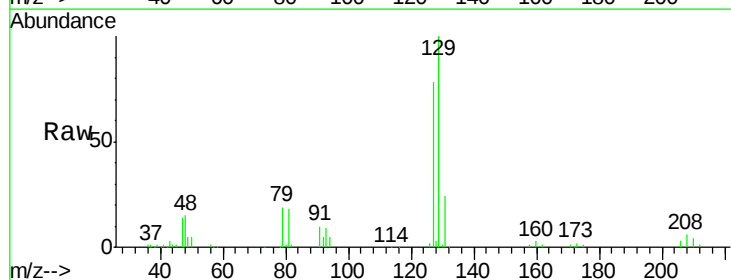
Acq: 1 Aug 2020 7:13

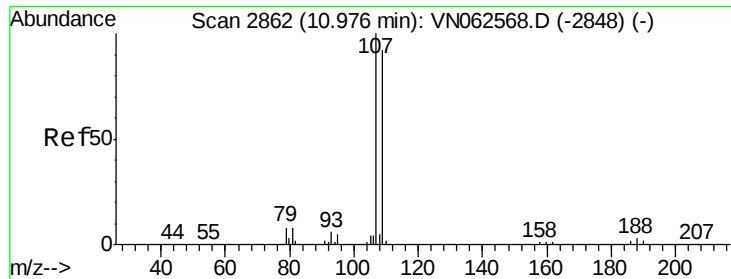
Tgt Ion: 129 Resp: 107753

Ion Ratio Lower Upper

129 100

127 77.8 38.0 113.9





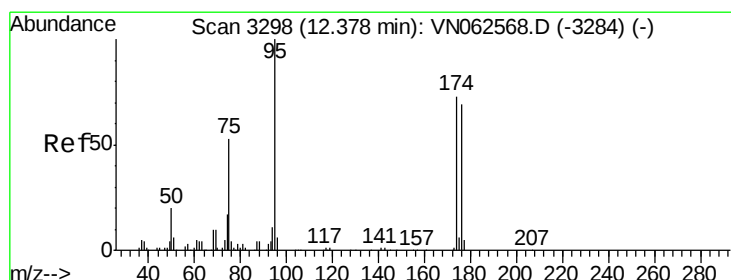
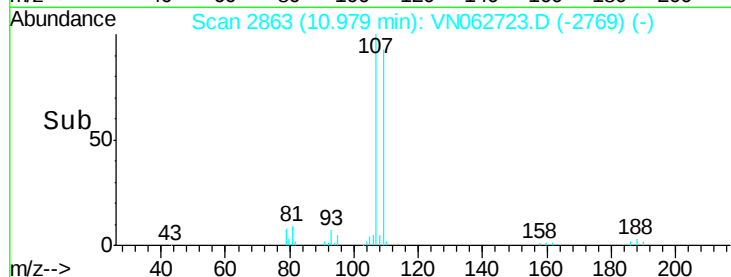
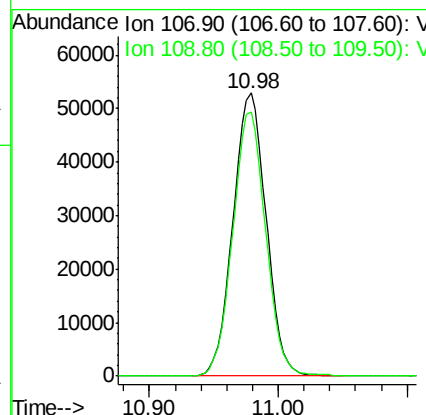
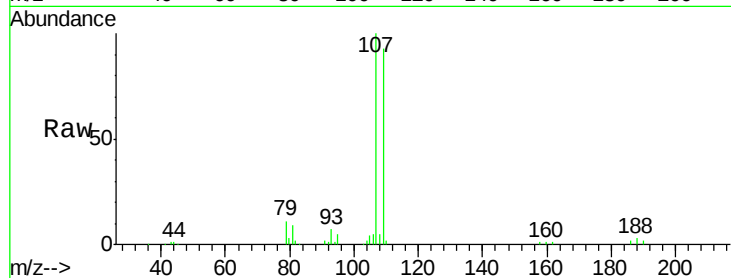
#61
 1,2-Dibromoethane
 Concen: 48.671 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. 0.00 min
 Lab File: VN062723.D
 Acq: 1 Aug 2020 7:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	92.4	73.8	110.6

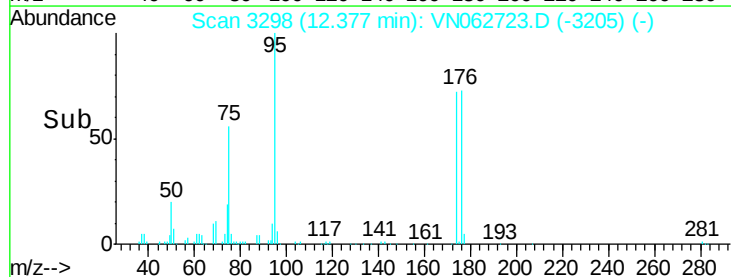
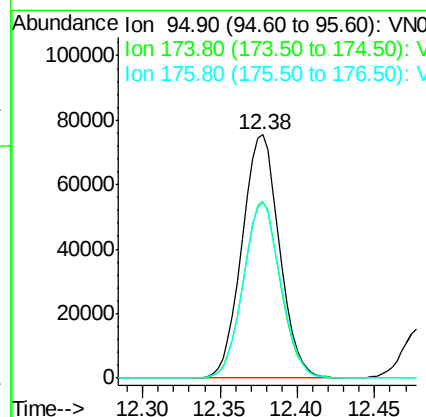
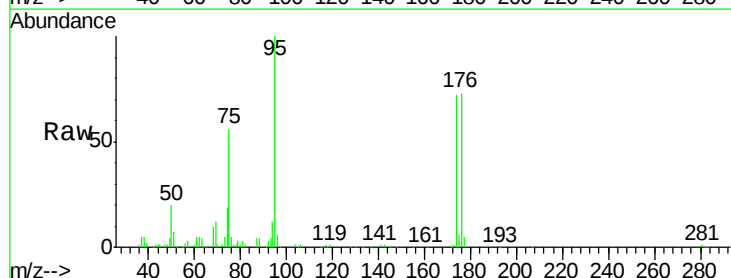
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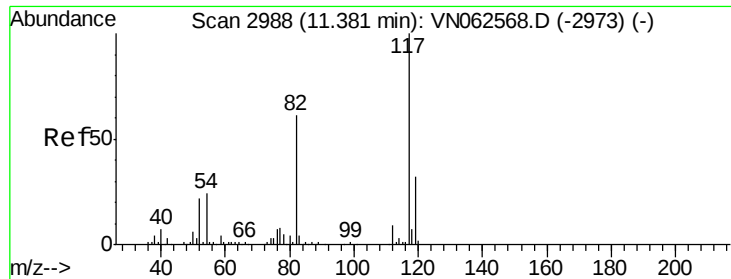
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#62
 4-Bromofluorobenzene
 Concen: 51.767 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN062723.D
 Acq: 1 Aug 2020 7:13

Tgt Ion	Ratio	Lower	Upper
95	100		
174	71.9	0.0	144.6
176	72.1	0.0	139.4





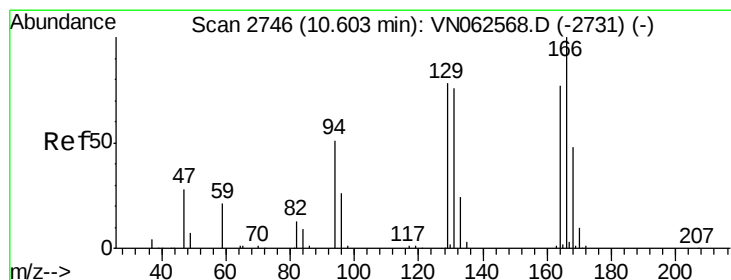
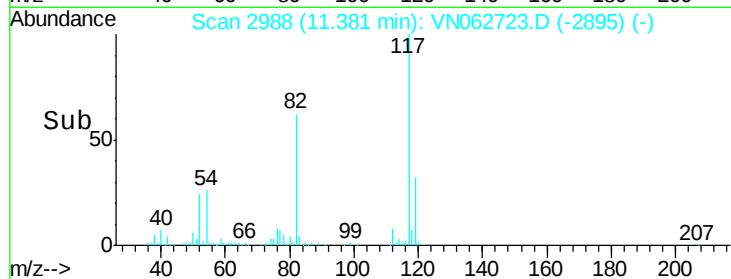
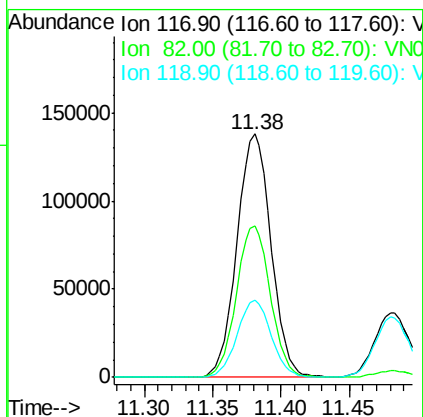
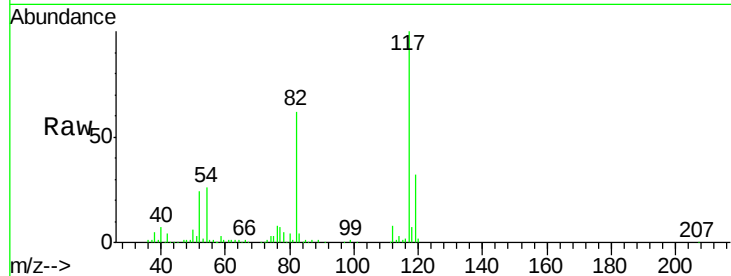
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062723.D
Acq: 1 Aug 2020 7:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	240180		
82	62.0	49.0	73.6	
119	31.7	25.4	38.2	

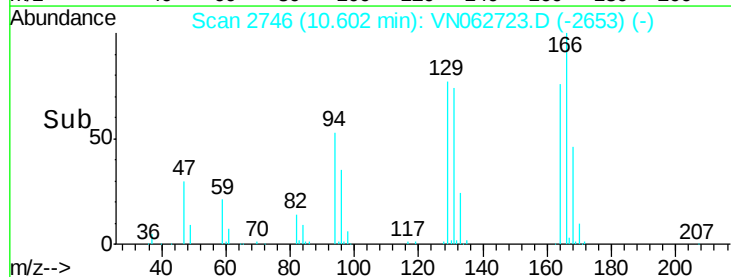
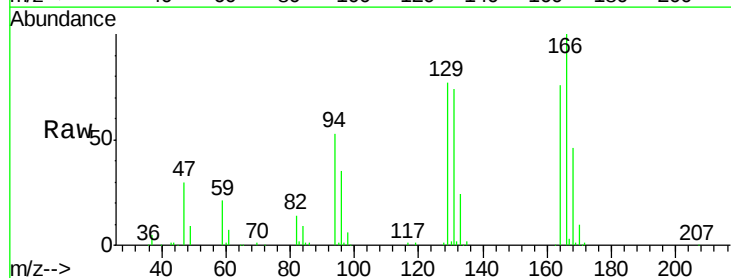
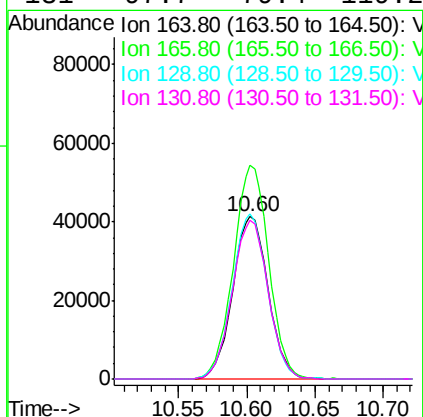
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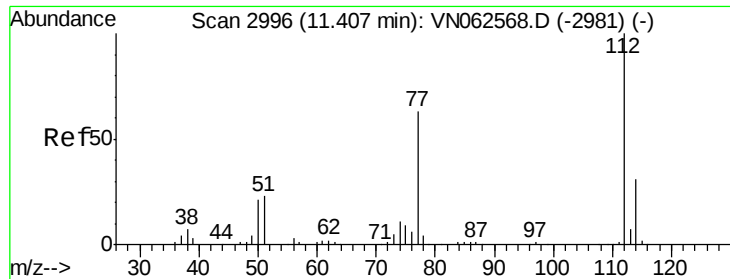
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#64
Tetrachloroethene
Concen: 47.835 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062723.D
Acq: 1 Aug 2020 7:13

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	74647		
166	131.7	104.4	156.6	
129	102.0	81.0	121.4	
131	97.7	79.4	119.2	





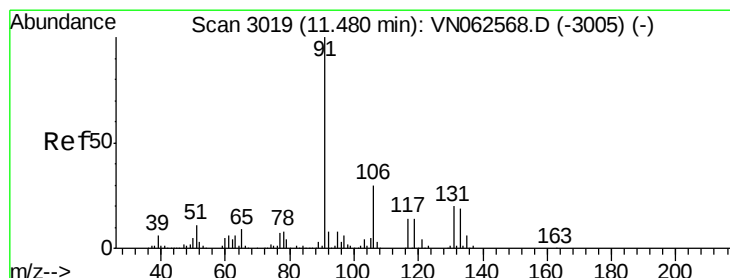
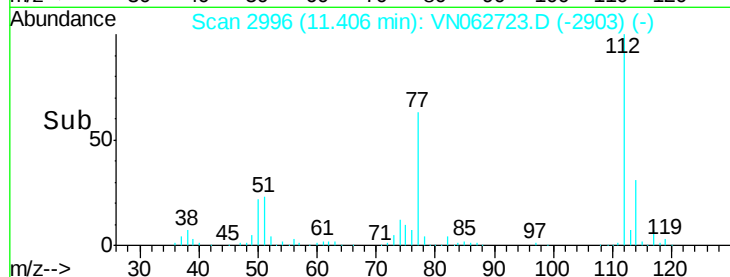
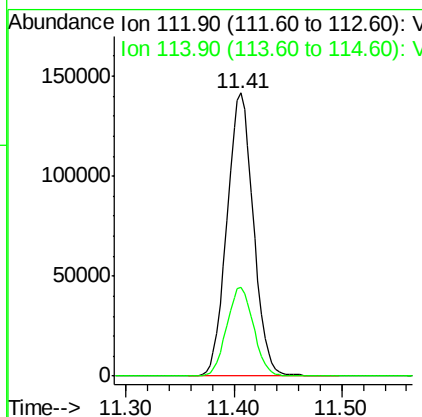
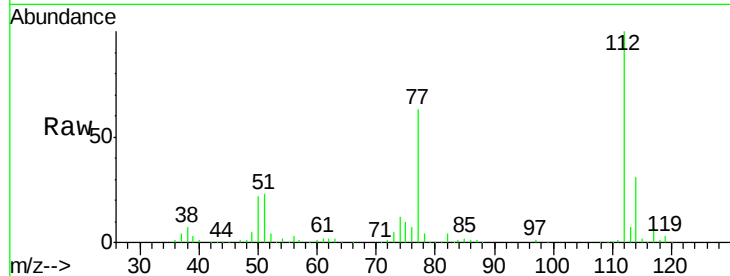
#65
Chlorobenzene
Concen: 48.156 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062723.D
Acq: 1 Aug 2020 7:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 242476
Ion Ratio Lower Upper
112 100
114 31.3 25.1 37.7

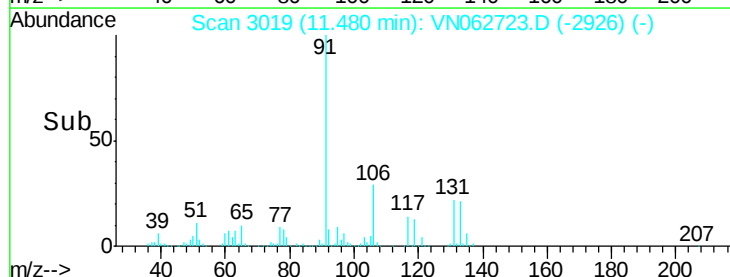
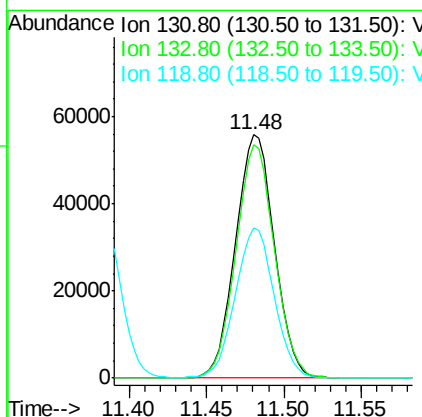
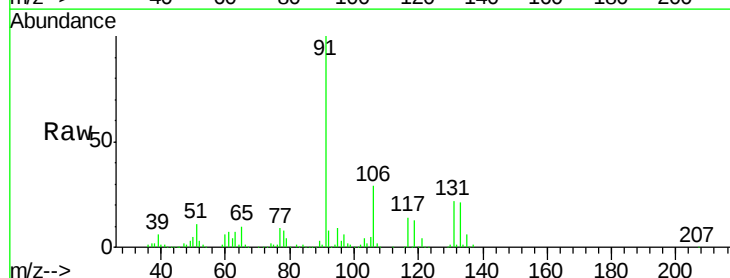
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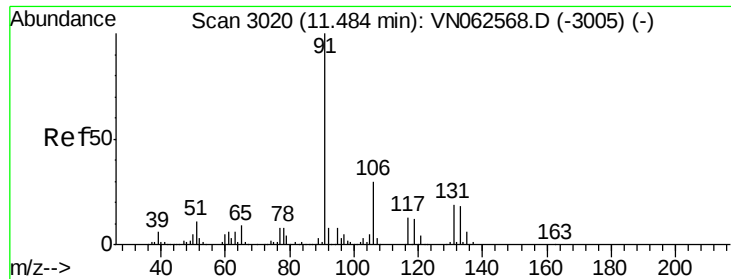
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.507 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062723.D
Acq: 1 Aug 2020 7:13

Tgt Ion:131 Resp: 97566
Ion Ratio Lower Upper
131 100
133 95.0 47.3 142.0
119 61.8 33.7 101.0





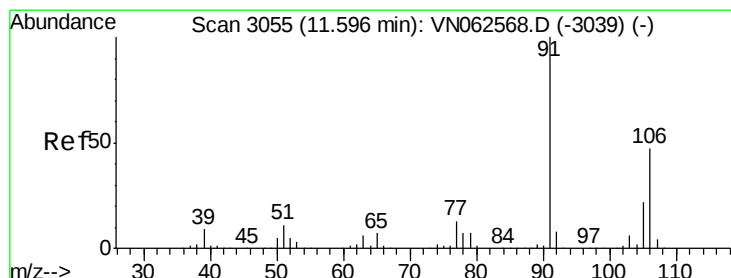
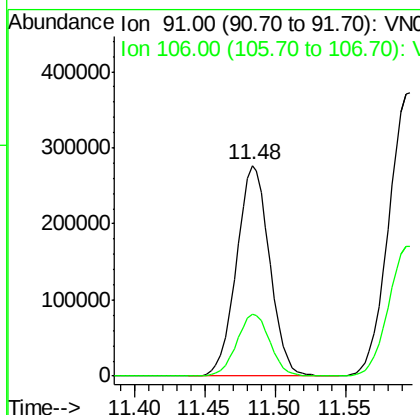
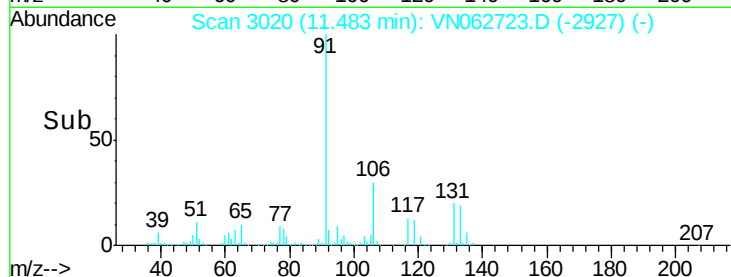
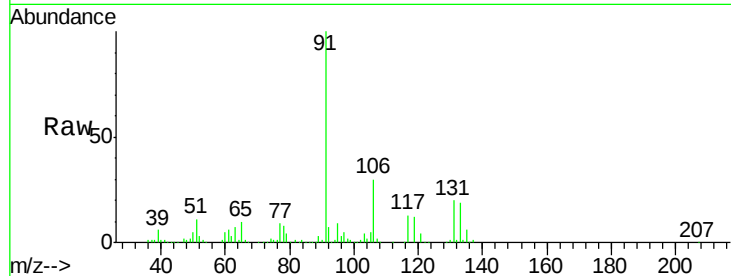
#67
Ethyl Benzene
Concen: 49.340 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062723.D
Acq: 1 Aug 2020 7:13

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

Tot Ion: 91 Resp: 455515
Ion Ratio Lower Upper
91 100
106 29.5 23.8 35.8

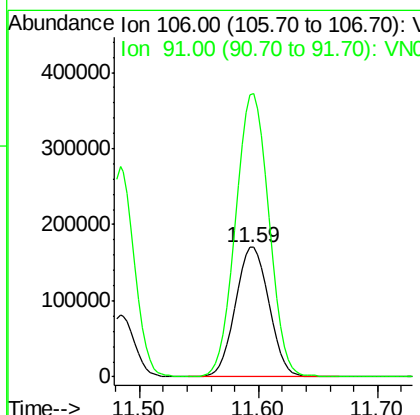
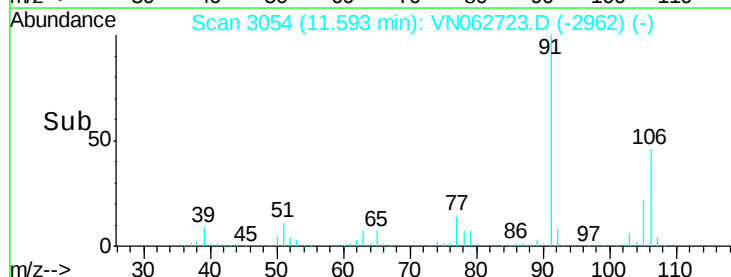
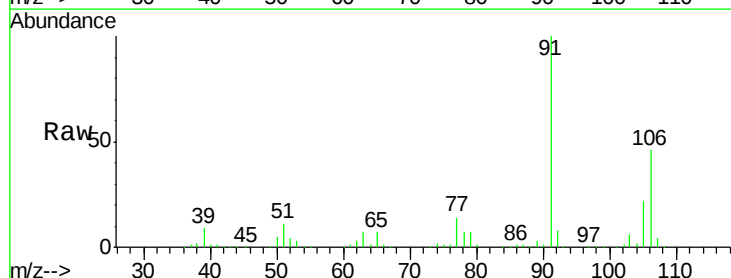
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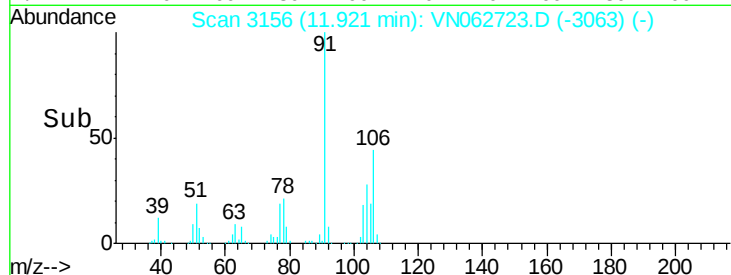
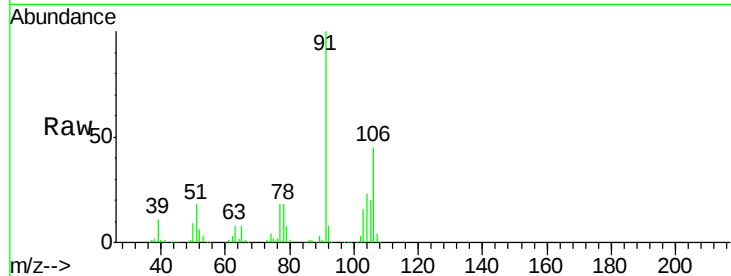
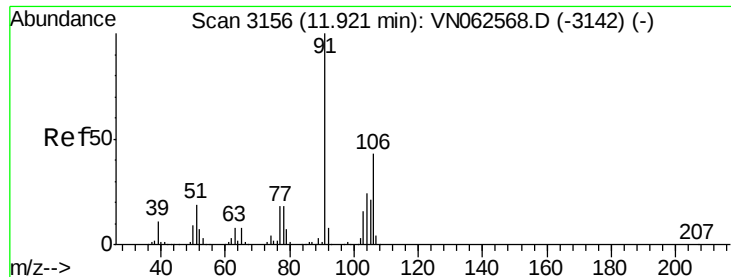
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#68
m/p-Xylenes
Concen: 100.357 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN062723.D
Acq: 1 Aug 2020 7:13

Tgt Ion: 106 Resp: 333013
Ion Ratio Lower Upper
106 100
91 217.3 171.4 257.2





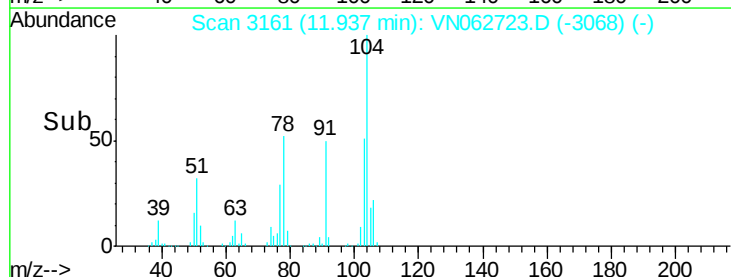
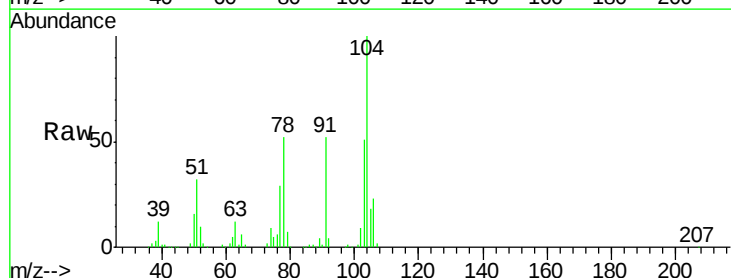
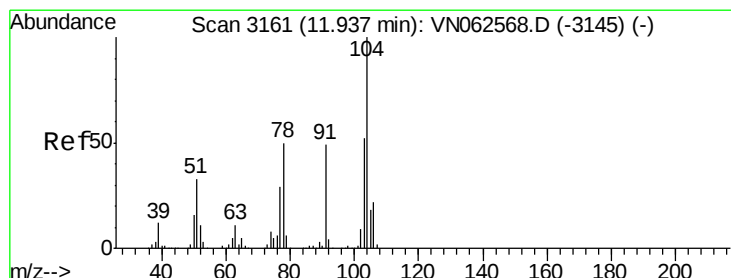
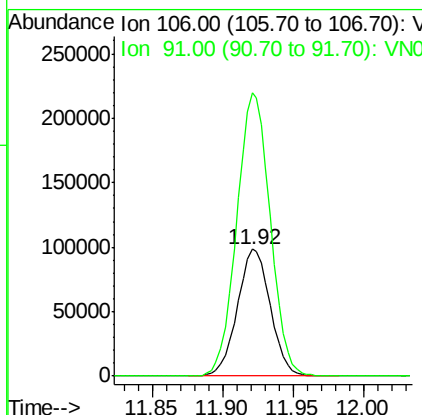
#69
o-Xylene
Concen: 51.256 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062723.D
Acq: 1 Aug 2020 7:13

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	161510		
91	91	226.3	113.8	341.2	

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

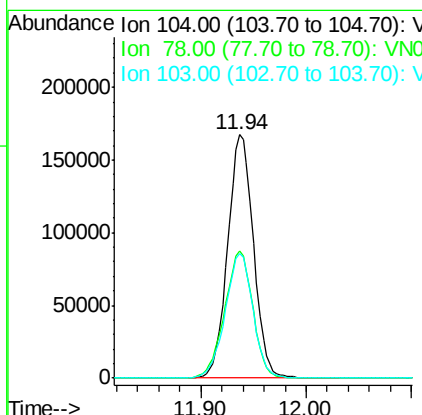
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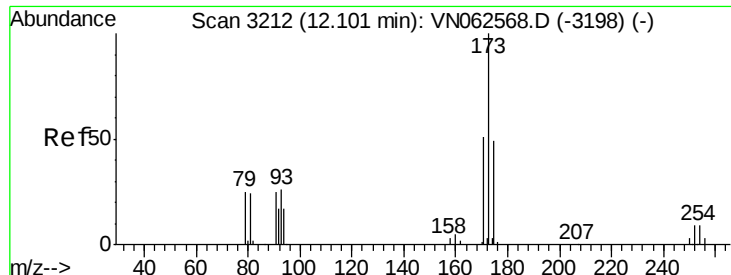
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#70
Styrene
Concen: 53.140 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062723.D
Acq: 1 Aug 2020 7:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	282858		
78	78	56.9	43.8	65.6	
103	103	55.1	44.0	66.0	





#71

Bromoform

Concen: 54.204 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062723.D

Acq: 1 Aug 2020 7:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 77092

Ion Ratio Lower Upper

173 100

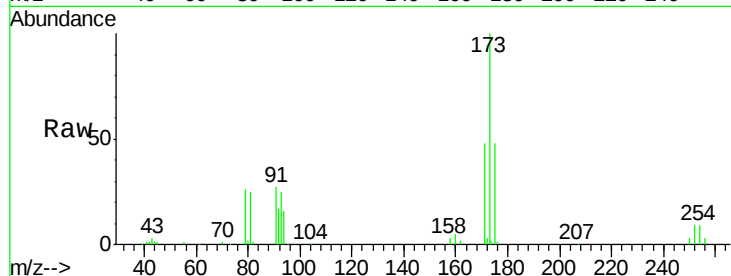
175 48.3 24.1 72.2

254 0.0 0.0 0.0

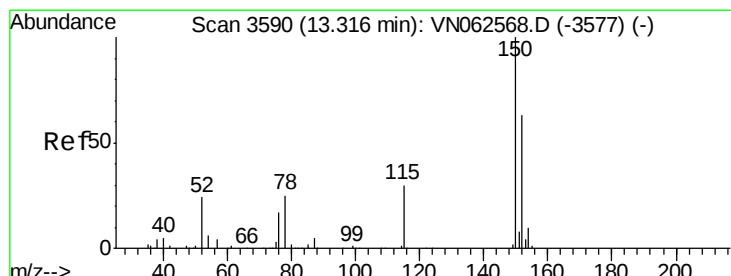
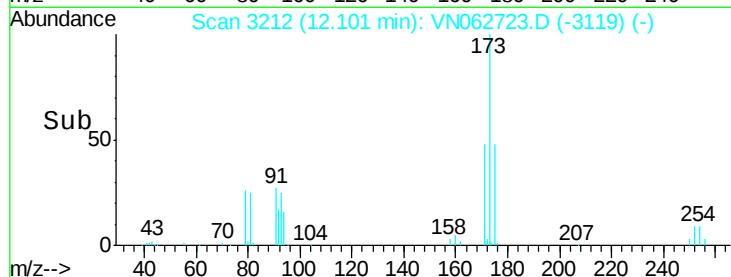
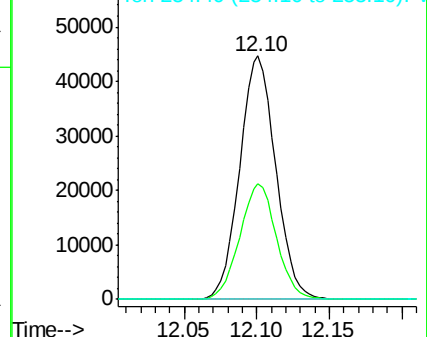
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062723.D

Acq: 1 Aug 2020 7:13

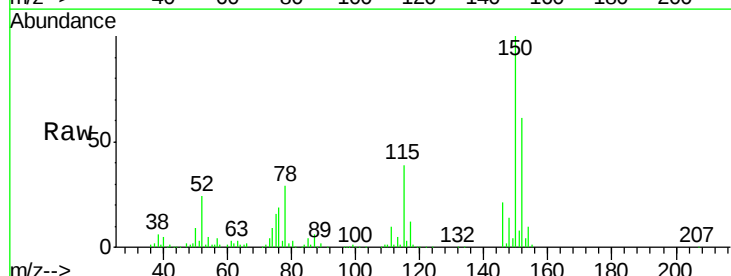
Tgt Ion:152 Resp: 118988

Ion Ratio Lower Upper

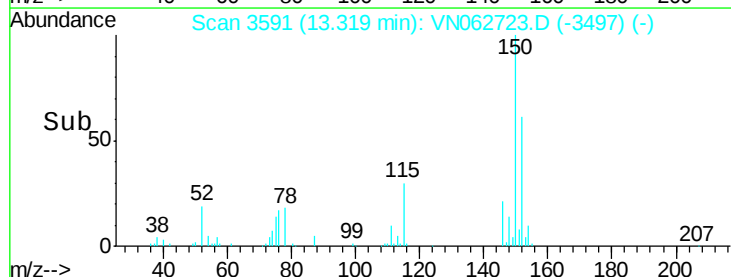
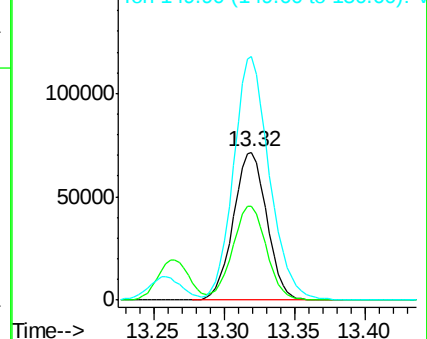
152 100

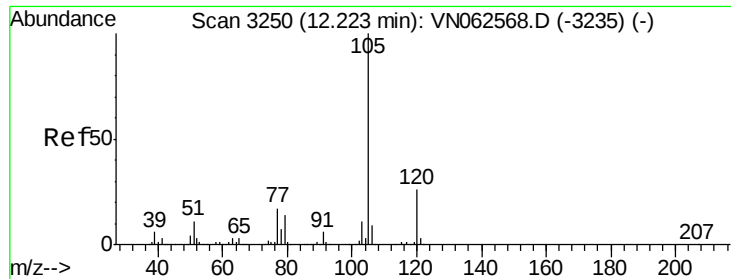
115 64.0 31.8 95.4

150 175.7 0.0 351.4



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: 47.121 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062723.D

Acq: 1 Aug 2020 7:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 443335

Ion Ratio Lower Upper

105 100

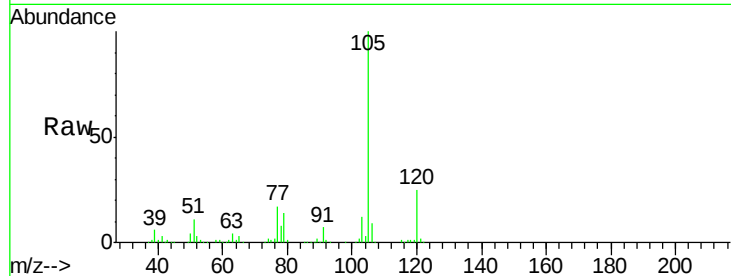
120 25.4 12.8 38.4

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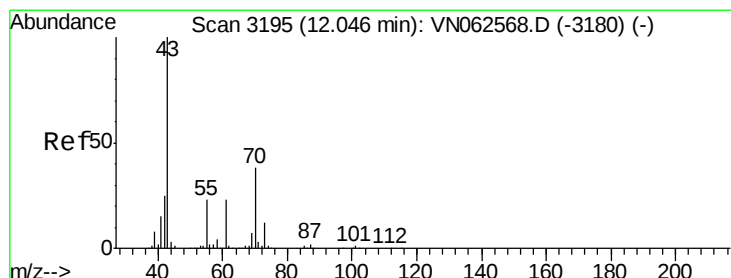
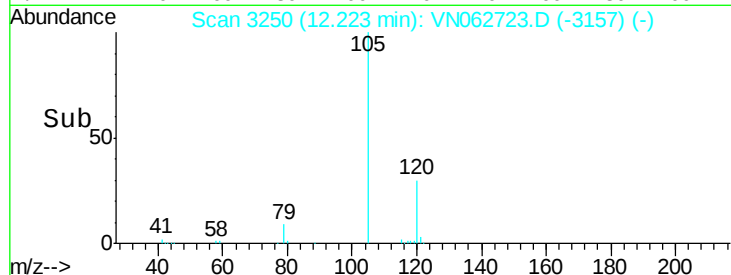
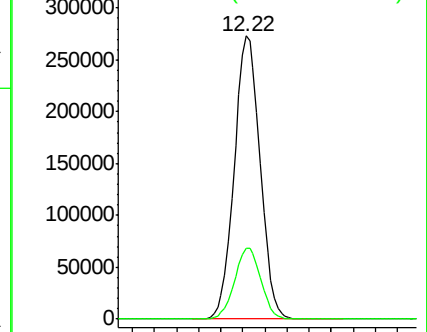
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 46.646 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.00 min

Lab File: VN062723.D

Acq: 1 Aug 2020 7:13

Tgt Ion: 43 Resp: 195993

Ion Ratio Lower Upper

43 100

70 39.2 30.5 45.7

55 25.4 19.0 28.6

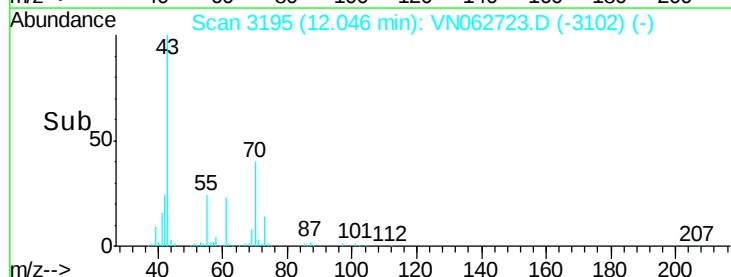
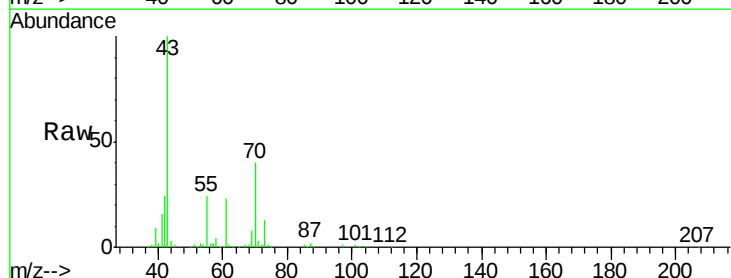
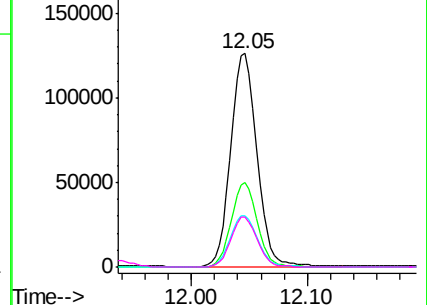
61 23.5 18.4 27.6

Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 42.693 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. -0.00 min

Lab File: VN062723.D

Acq: 1 Aug 2020 7:13

Instrument :

MSVOA_N

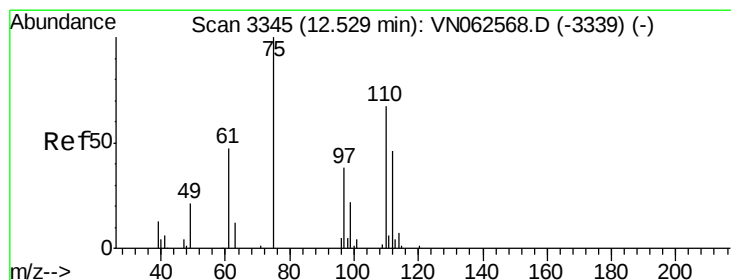
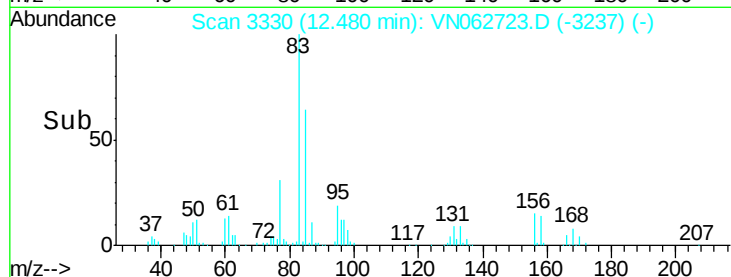
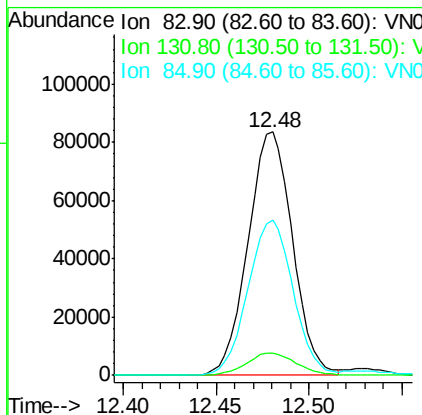
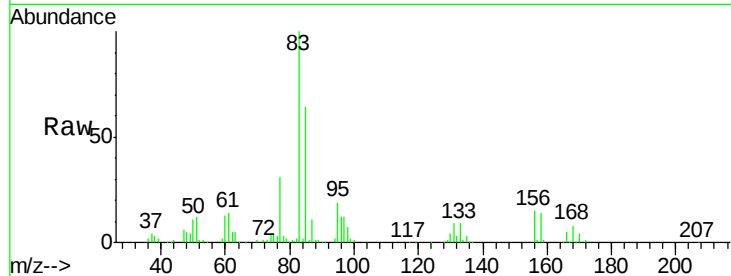
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	139583
Ion Ratio	Lower	Upper	
83	100		
131	10.3	4.8	14.3
85	64.7	31.8	95.4

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 42.432 ug/l m

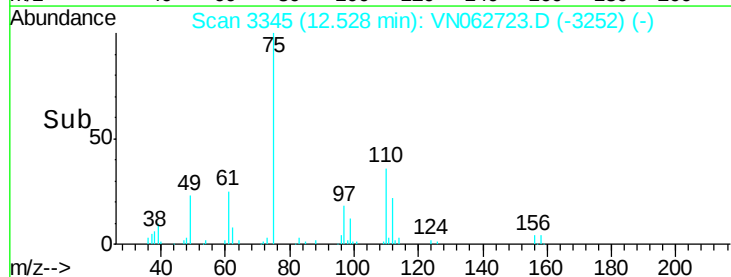
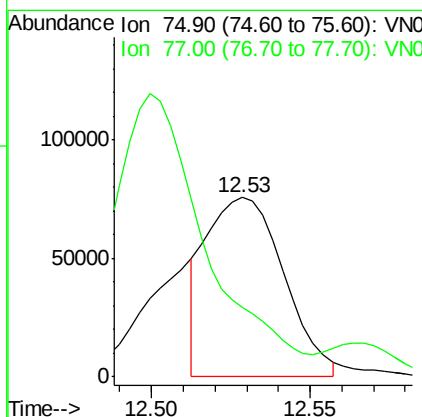
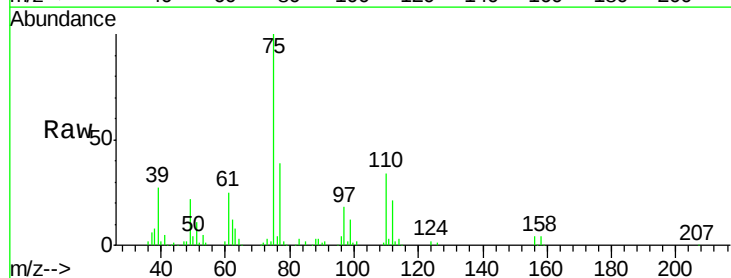
RT: 12.53 min Scan# 3345

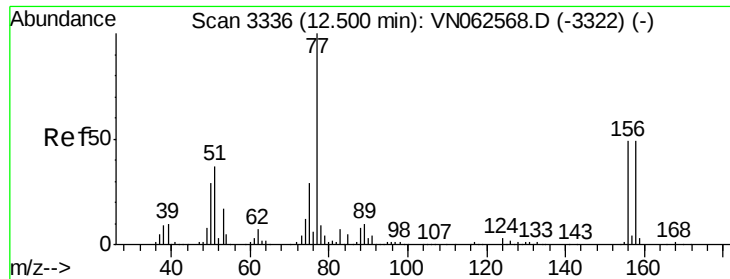
Delta R.T. -0.00 min

Lab File: VN062723.D

Acq: 1 Aug 2020 7:13

Tgt Ion:	75	Resp:	128512
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 47.177 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062723.D

Acq: 1 Aug 2020 7:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 106668

Ion Ratio Lower Upper

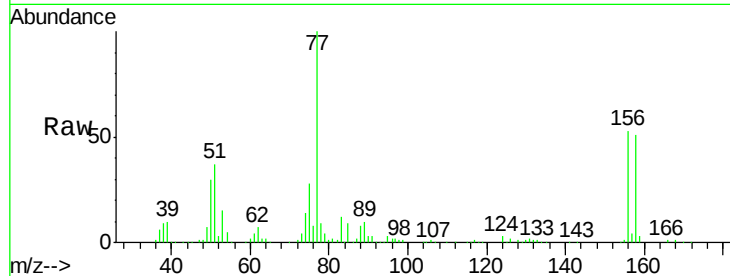
156 100

77 232.1 122.8 368.3

158 97.1 49.4 148.0

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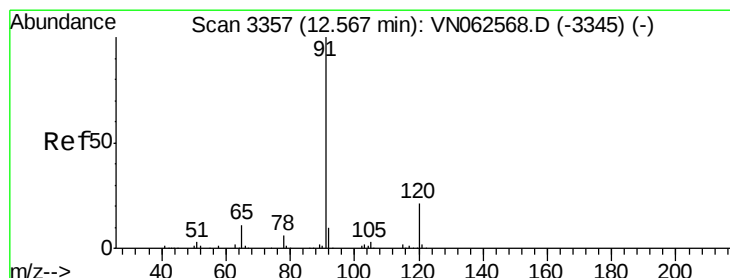
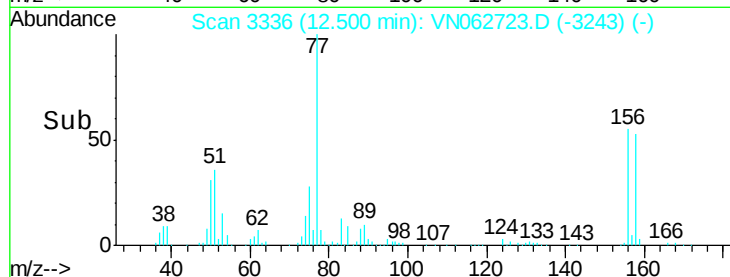
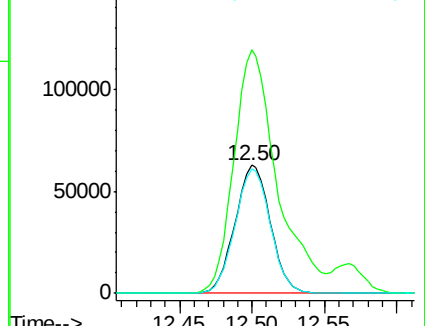
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 46.846 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN062723.D

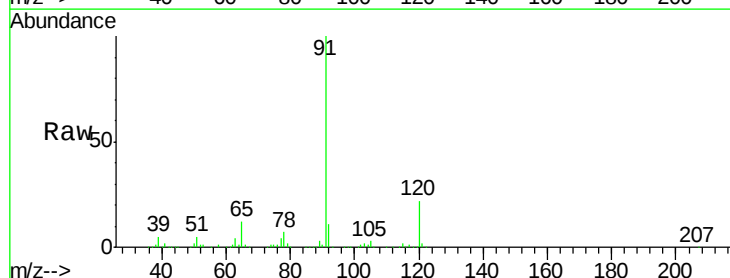
Acq: 1 Aug 2020 7:13

Tgt Ion: 91 Resp: 516284

Ion Ratio Lower Upper

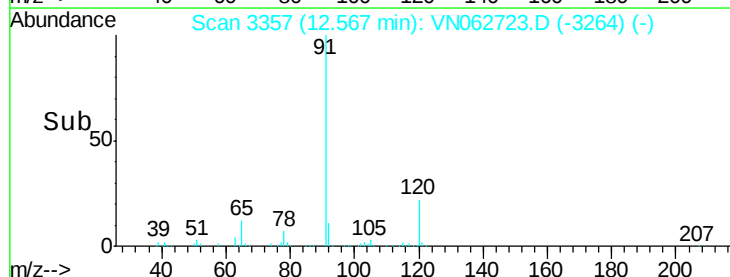
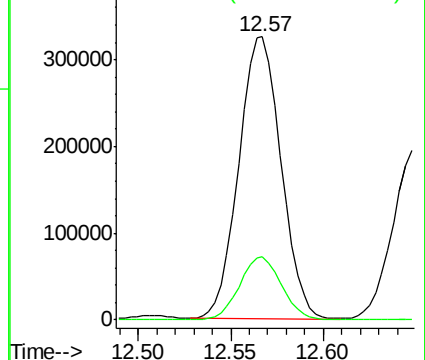
91 100

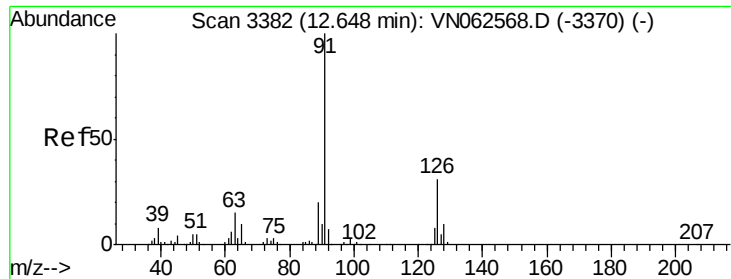
120 22.3 10.9 32.6



Abundance Ion 91.00 (90.70 to 91.70): VN

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 46.709 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN062723.D

Acq: 1 Aug 2020 7:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 317244

Ion Ratio Lower Upper

91 100

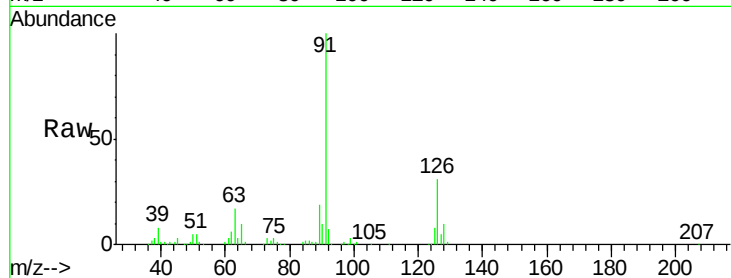
126 31.8 15.9 47.6

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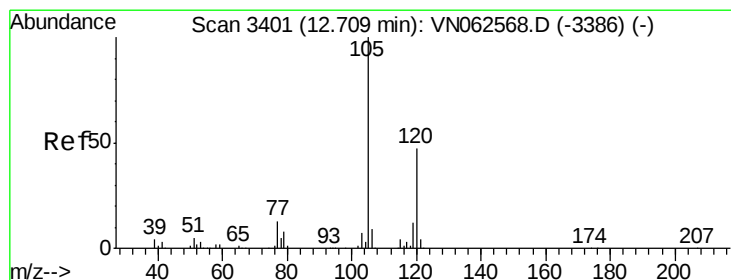
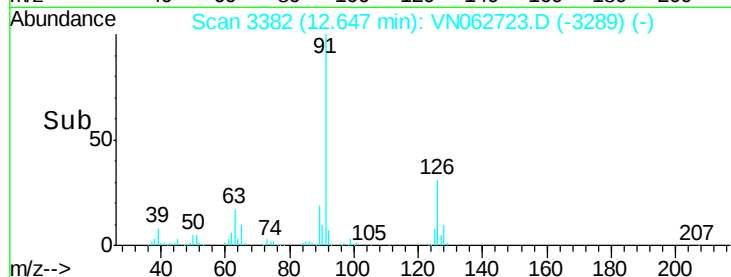
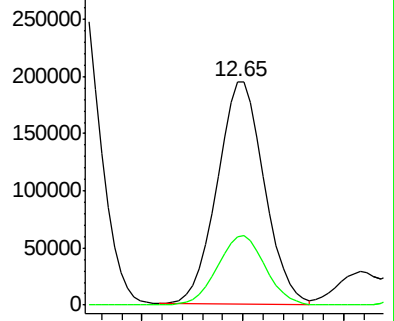
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Abundance Ion 91.00 (90.70 to 91.70): VN062568.D (-3370) (-)

Ion 125.90 (125.60 to 126.60): VN062568.D (-3370) (-)



#80

1,3,5-Trimethylbenzene

Concen: 50.779 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062723.D

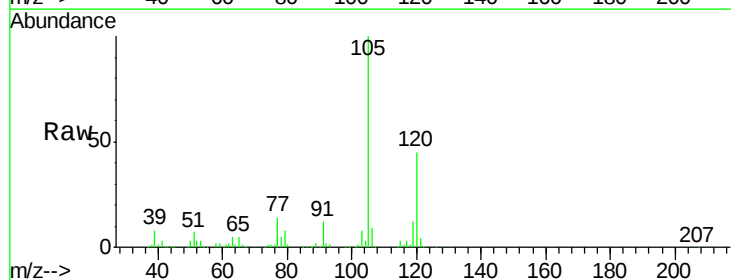
Acq: 1 Aug 2020 7:13

Tgt Ion:105 Resp: 396299

Ion Ratio Lower Upper

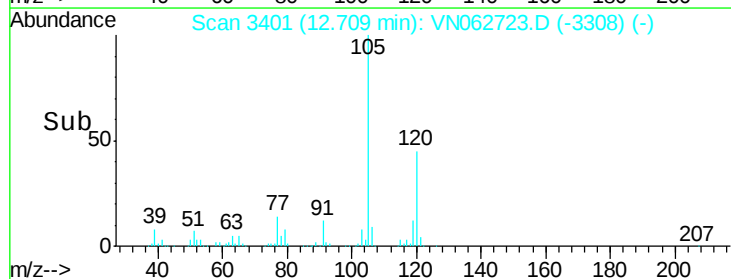
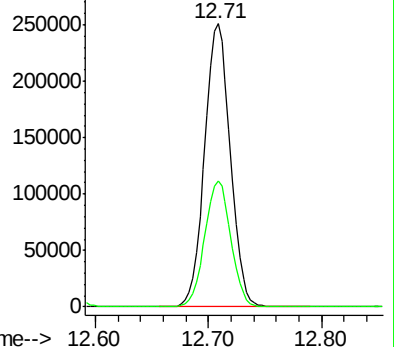
105 100

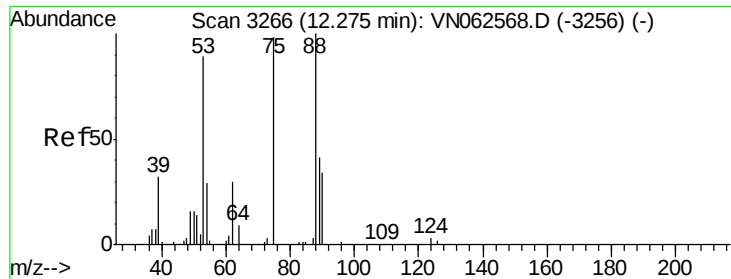
120 45.3 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): VN062568.D (-3386) (-)

Ion 120.00 (119.70 to 120.70): VN062568.D (-3386) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 41.052 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062723.D

Acq: 1 Aug 2020 7:13

Instrument :

MSVOA_N

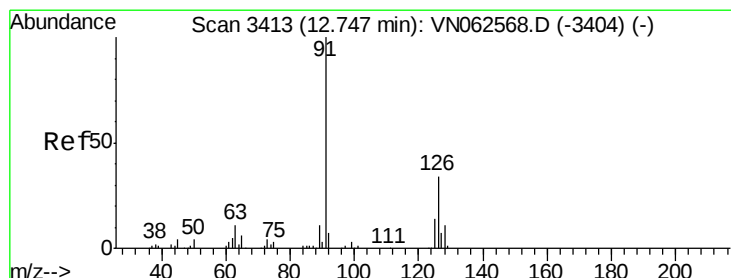
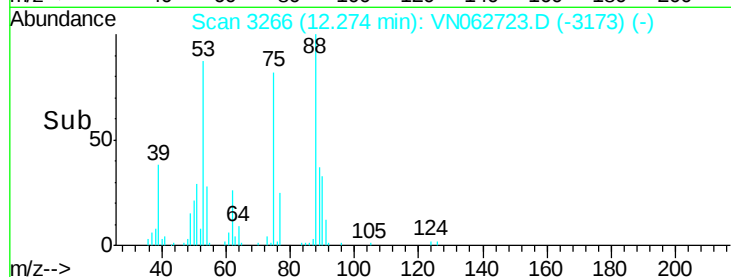
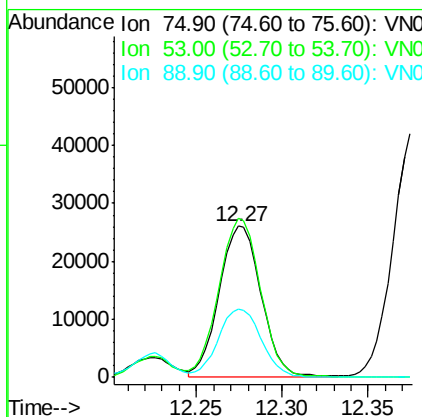
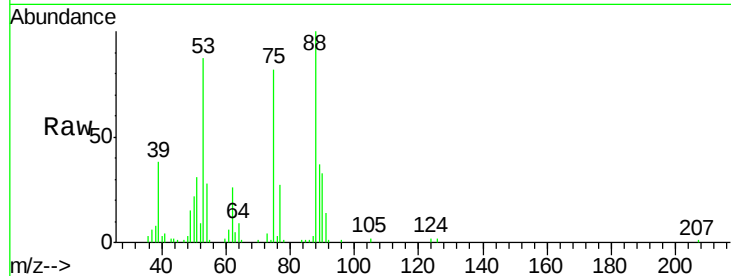
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	44664
Ion	Ratio	Lower	Upper
75	100		
53	104.6	75.4	113.0
89	46.1	34.5	51.7

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#82

4-Chlorotoluene

Concen: 47.667 ug/l

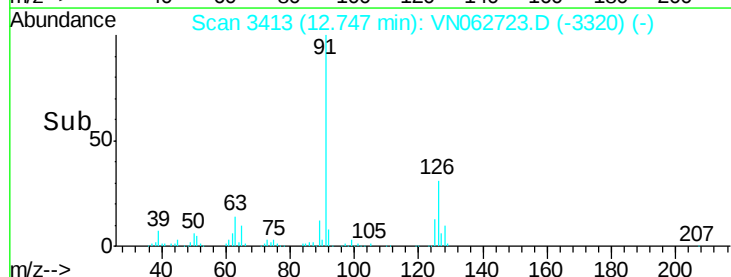
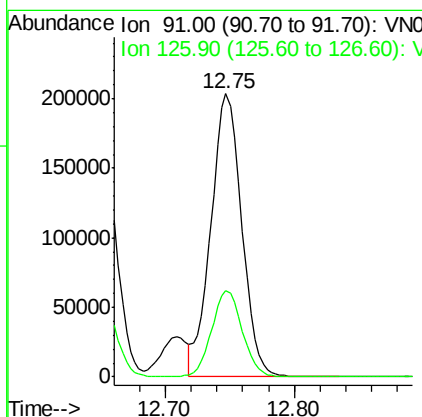
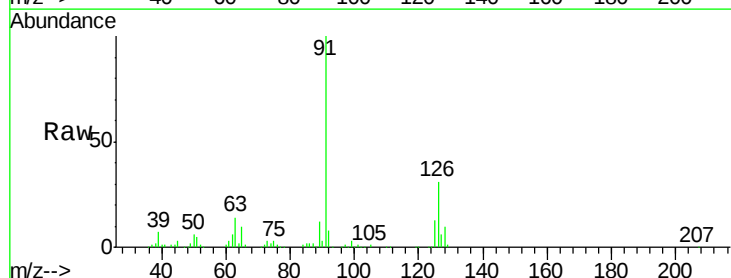
RT: 12.75 min Scan# 3413

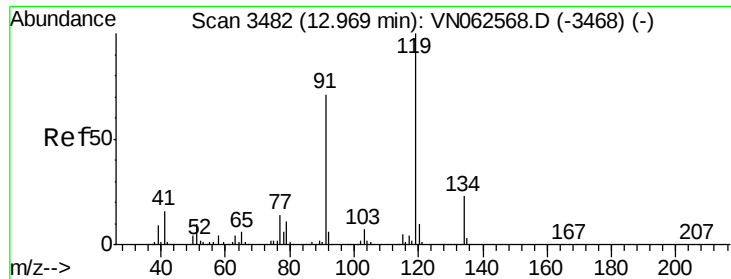
Delta R.T. -0.00 min

Lab File: VN062723.D

Acq: 1 Aug 2020 7:13

Tgt Ion:	91	Resp:	336982
Ion	Ratio	Lower	Upper
91	100		
126	30.3	15.4	46.4





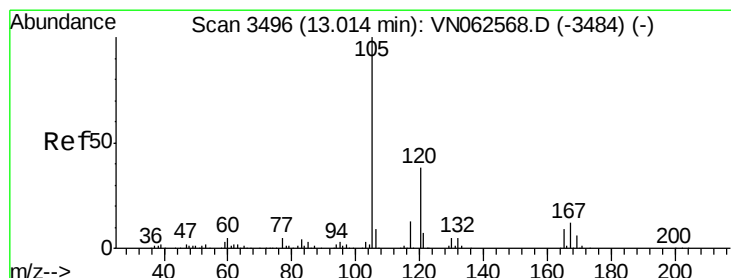
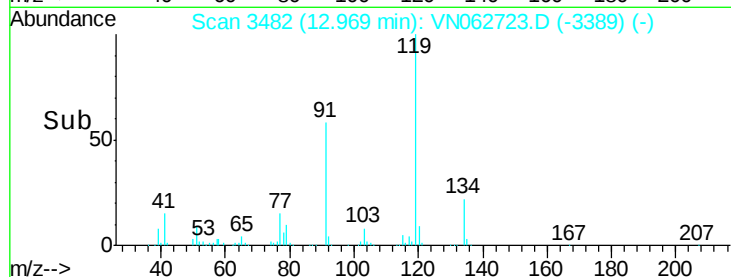
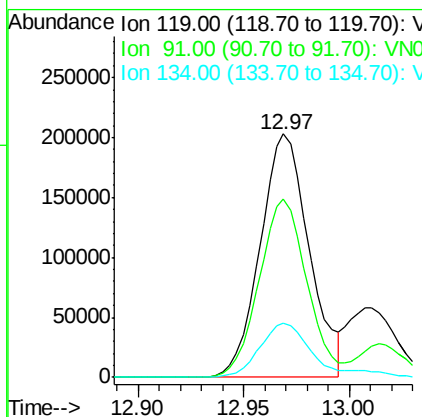
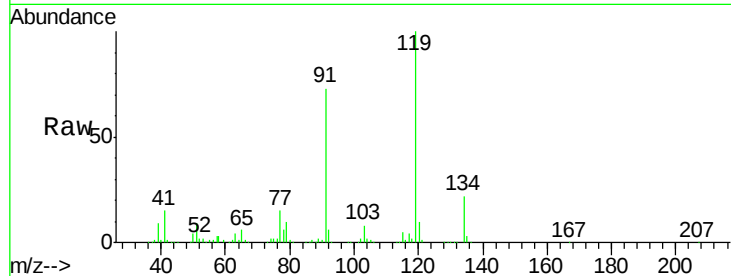
#83
 tert-Butylbenzene
 Concen: 50.646 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062723.D
 Acq: 1 Aug 2020 7:13

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	71.6	34.6	103.8
134	24.5	11.5	34.4

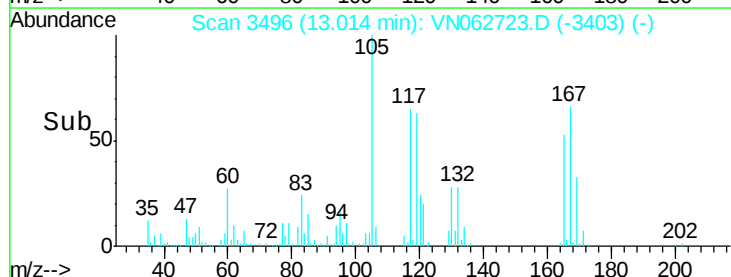
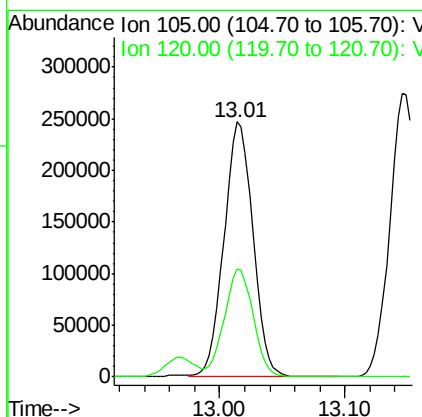
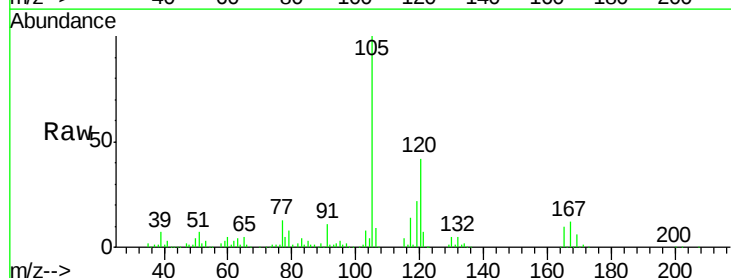
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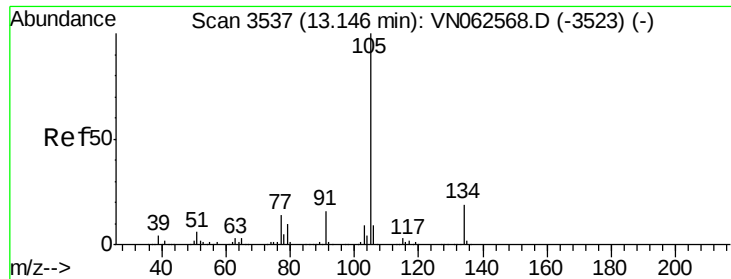
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#84
 1,2,4-Trimethylbenzene
 Concen: 51.716 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062723.D
 Acq: 1 Aug 2020 7:13

Tgt Ion	Ratio	Lower	Upper
105	100		
120	42.0	22.1	66.3





#85

sec-Butylbenzene

Concen: 50.302 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN062723.D

Acq: 1 Aug 2020 7:13

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050EC

Tot Ion:105 Resp: 436418

Ion Ratio Lower Upper

105 100

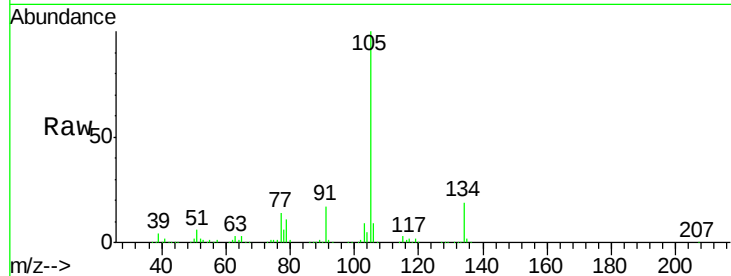
134 18.8 9.5 28.5

Manual Integrations

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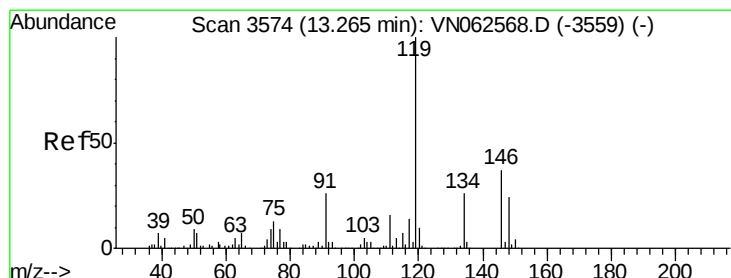
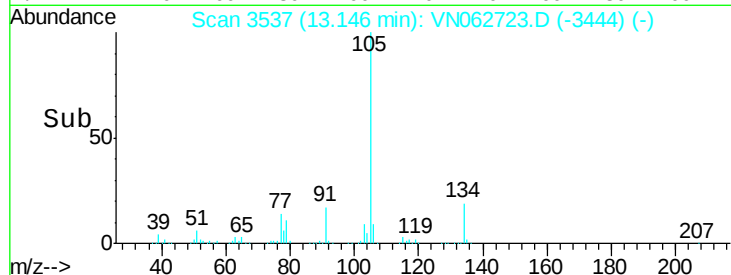
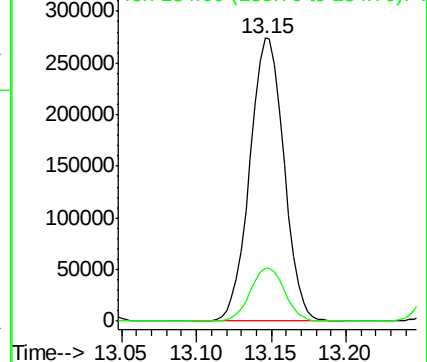
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.055 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062723.D

Acq: 1 Aug 2020 7:13

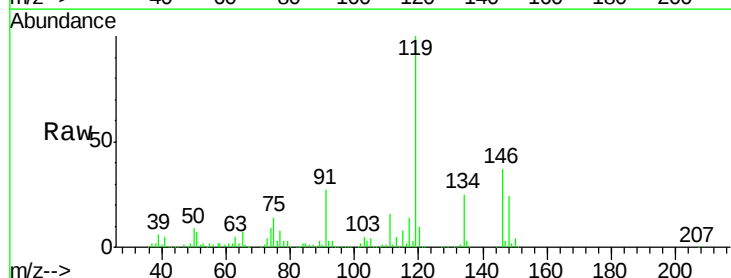
Tgt Ion:119 Resp: 388436

Ion Ratio Lower Upper

119 100

134 24.9 12.8 38.4

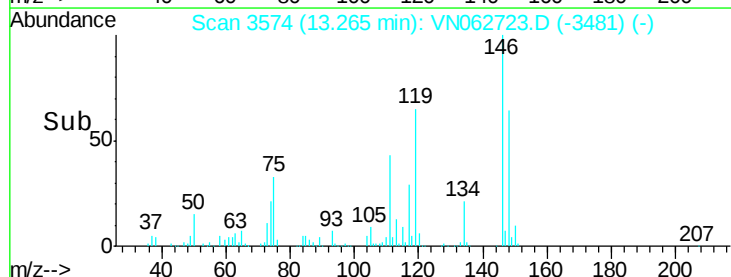
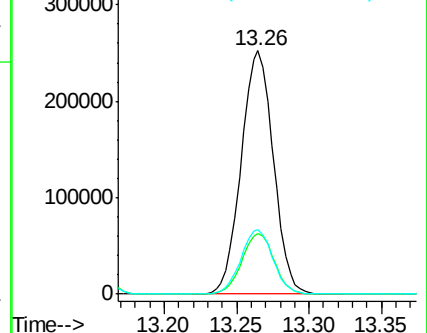
91 26.5 12.7 38.1

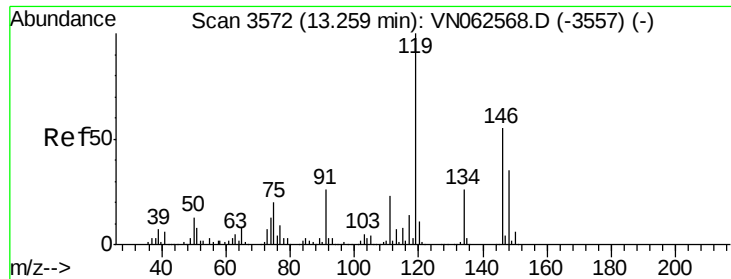


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





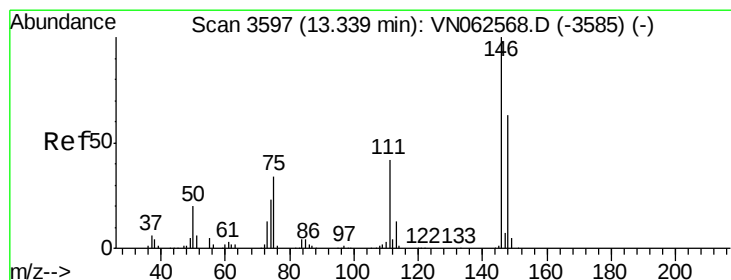
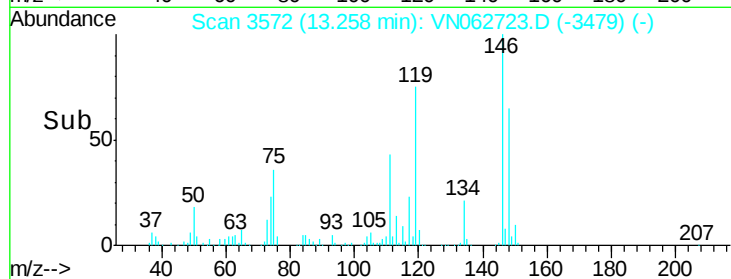
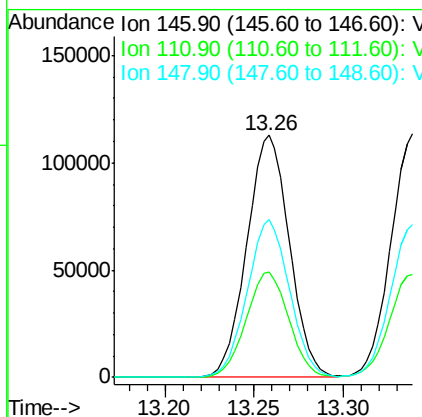
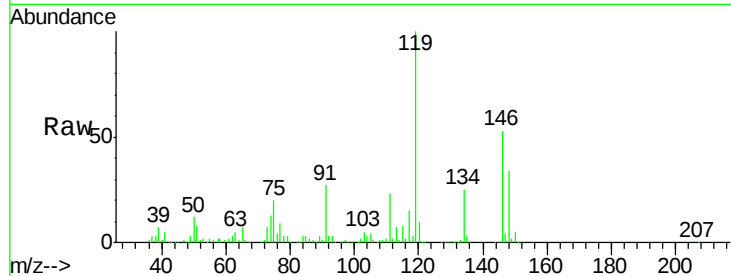
#87
 1,3-Dichlorobenzene
 Concen: 47.578 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062723.D
 Acq: 1 Aug 2020 7:13

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	188780		
111	43.5	21.6	64.6	
148	64.7	31.8	95.4	

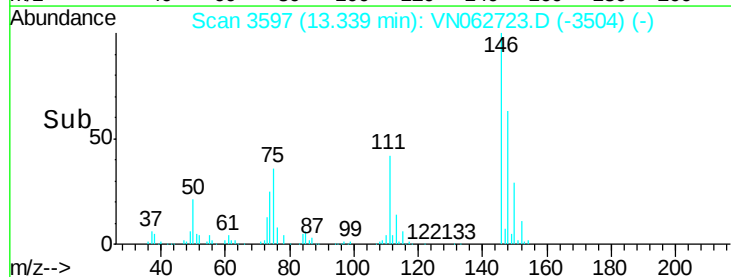
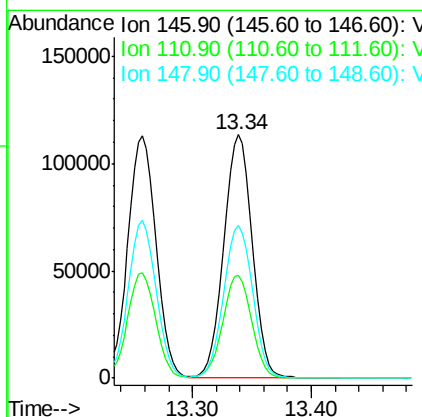
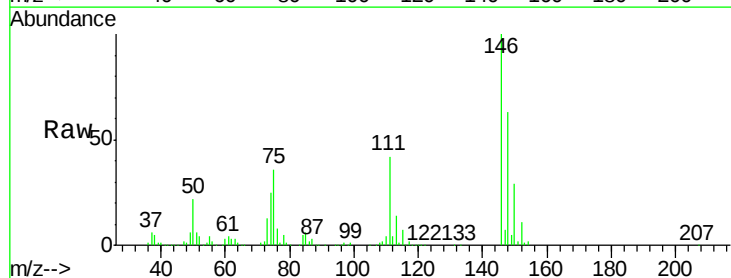
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#88
 1,4-Dichlorobenzene
 Concen: 48.232 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062723.D
 Acq: 1 Aug 2020 7:13

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	188392		
111	42.6	21.1	63.1	
148	63.9	31.6	94.8	





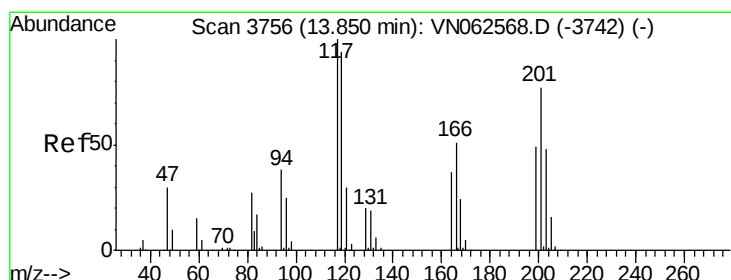
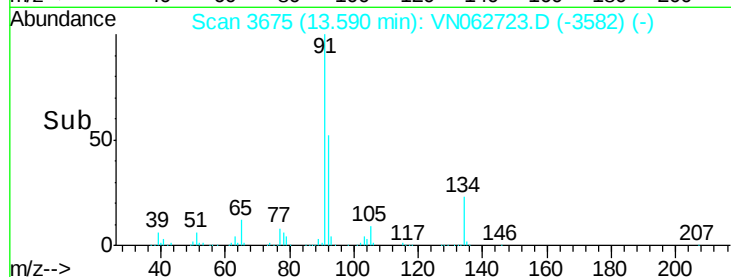
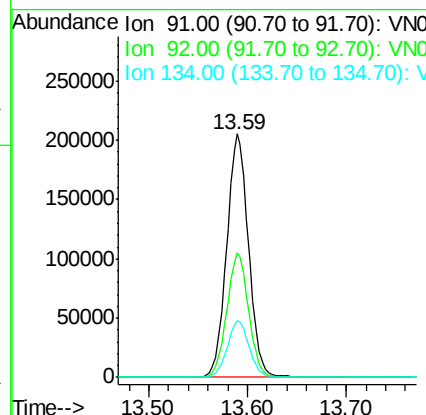
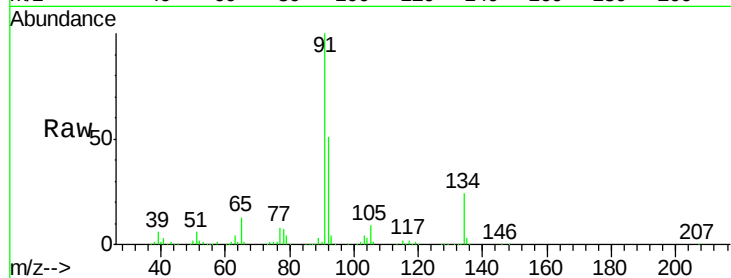
#89
n-Butylbenzene
Concen: 49.815 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062723.D
Acq: 1 Aug 2020 7:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
91	100	319395		
92	51.0	25.8	77.3	
134	23.5	11.8	35.3	

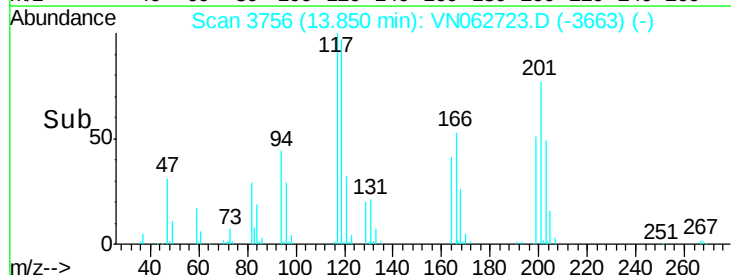
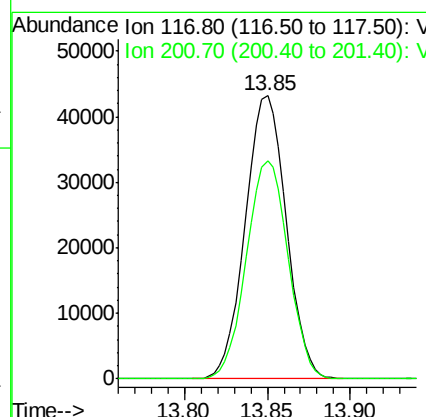
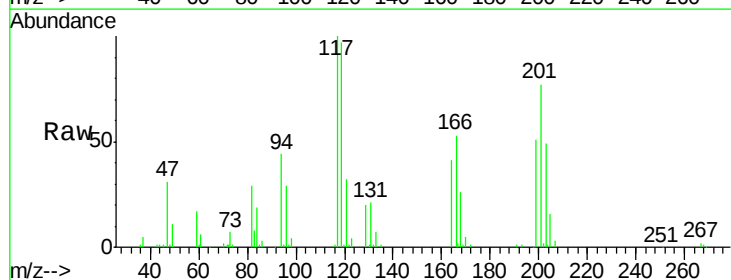
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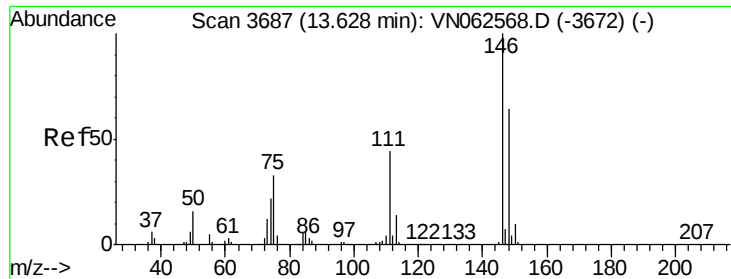
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#90
Hexachloroethane
Concen: 46.810 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN062723.D
Acq: 1 Aug 2020 7:13

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	74358		
201	78.2	39.2	117.6	





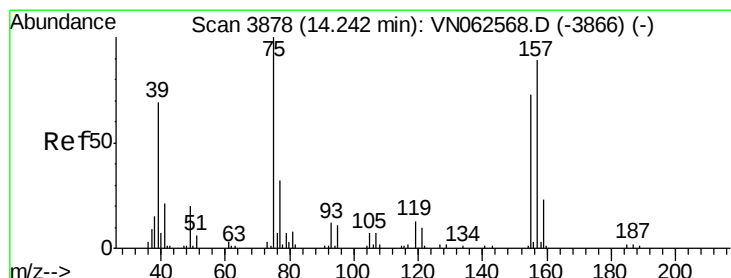
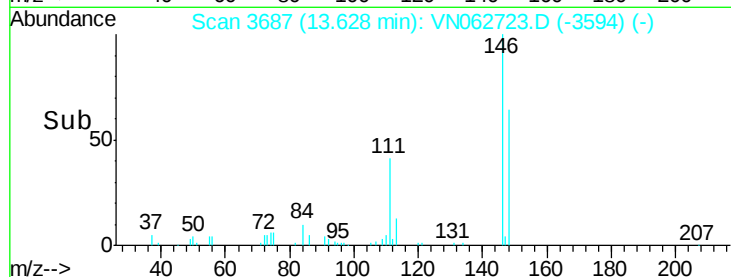
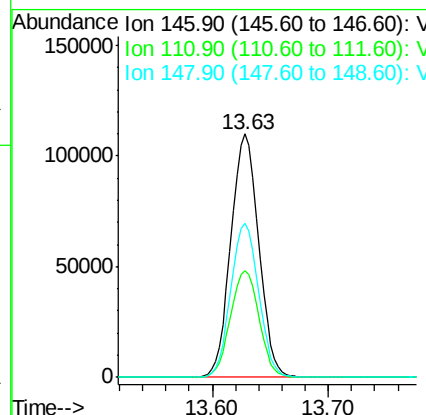
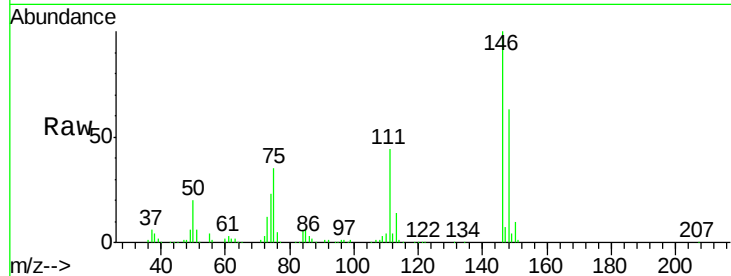
#91
 1,2-Dichlorobenzene
 Concen: 48.161 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062723.D
 Acq: 1 Aug 2020 7:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.9	21.9	65.8
148	63.3	31.6	94.7

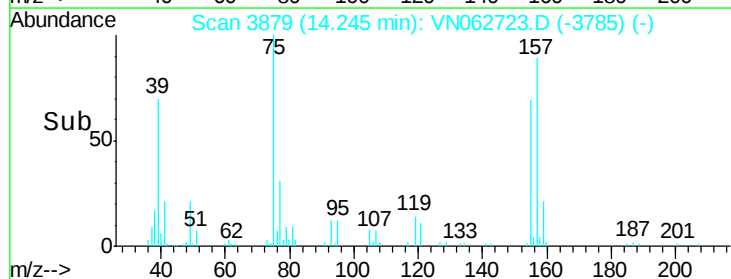
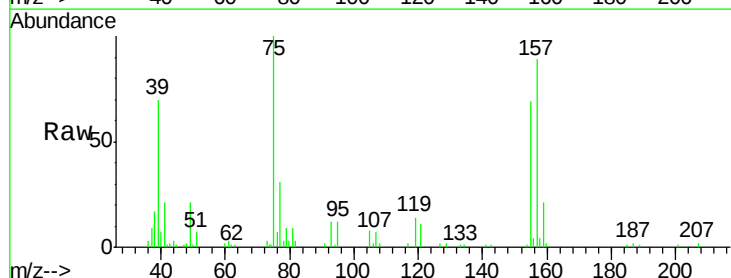
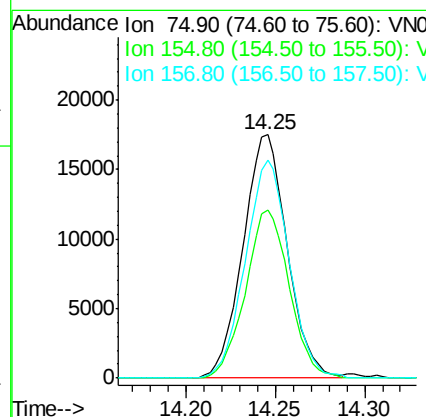
Manual Integrations
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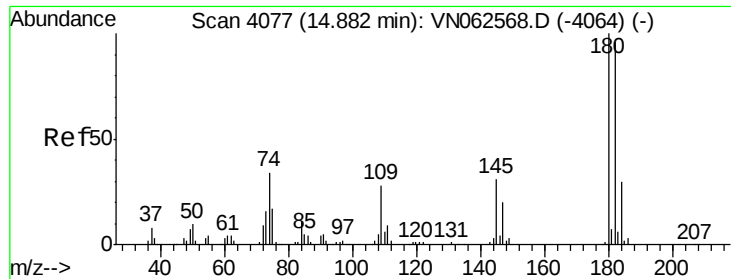
MMDadoda
 8/3/2020 5:03:28 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.058 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. 0.00 min
 Lab File: VN062723.D
 Acq: 1 Aug 2020 7:13

Tgt Ion	Ratio	Lower	Upper
75	100		
155	68.3	35.9	107.5
157	88.6	45.0	135.0





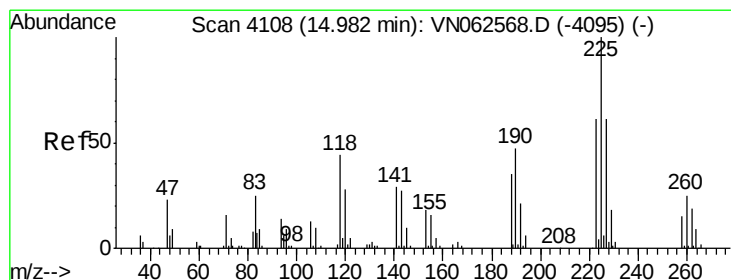
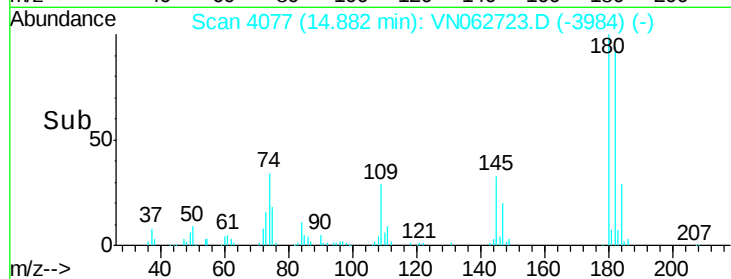
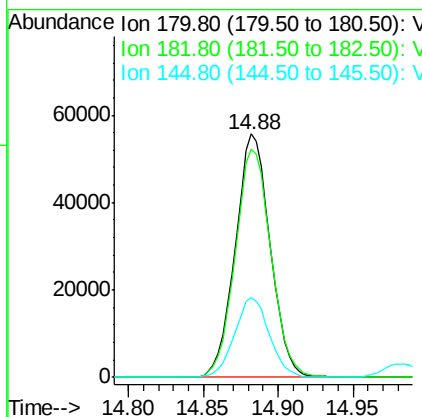
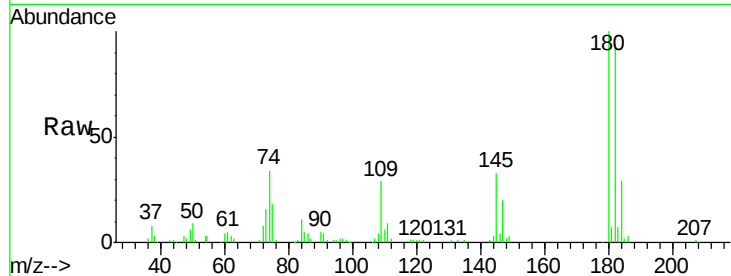
#93
 1,2,4-Trichlorobenzene
 Concen: 45.573 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN062723.D
 Acq: 1 Aug 2020 7:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	90327		
182	96.3	47.8	143.3	
145	32.5	15.3	45.9	

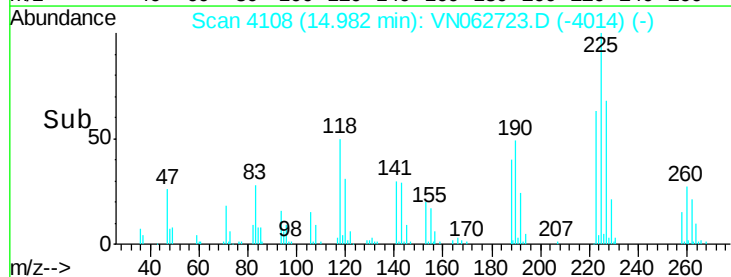
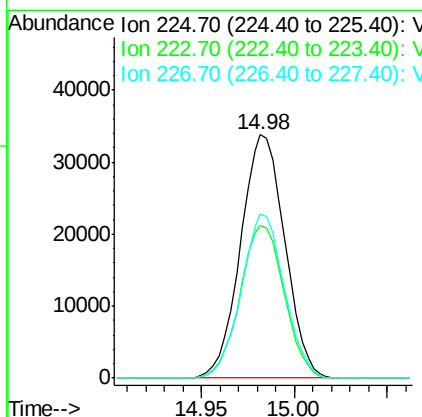
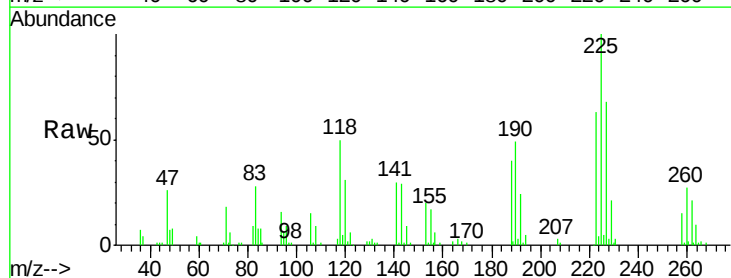
Manual Integrations
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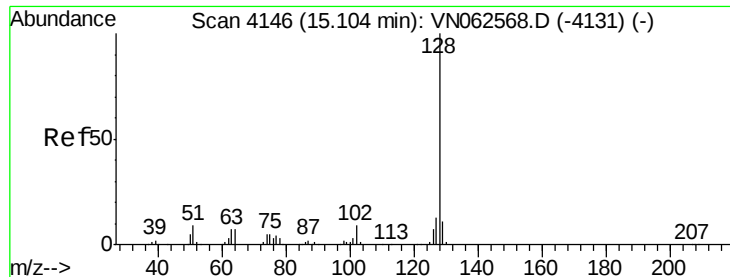
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 8/3/2020 5:03:28 PM



#94
 Hexachlorobutadiene
 Concen: 54.415 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. 0.00 min
 Lab File: VN062723.D
 Acq: 1 Aug 2020 7:13

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	55811		
223	62.6	32.0	96.0	
227	65.5	31.1	93.2	





#95

Naphthalene

Concen: 46.375 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. -0.00 min

Lab File: VN062723.D

Acq: 1 Aug 2020 7:13

Instrument :

MSVOA_N

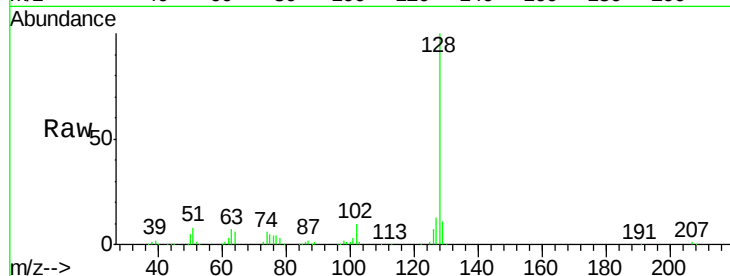
ClientSampleId :

VSTDCCC050EC

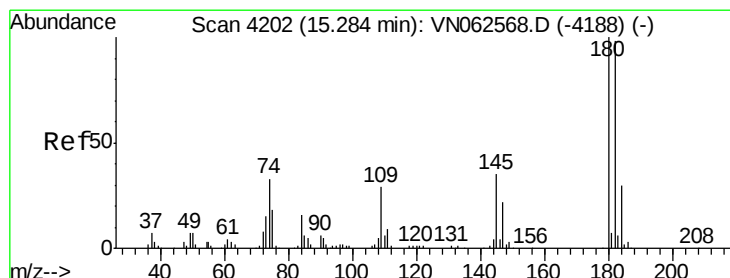
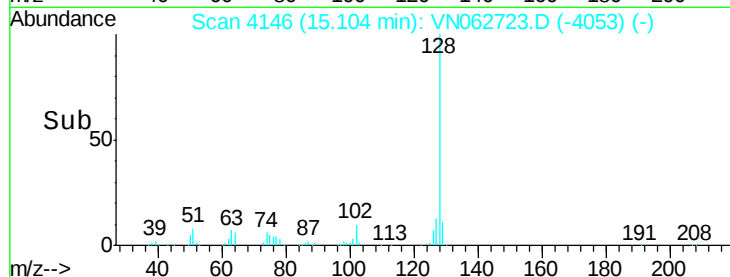
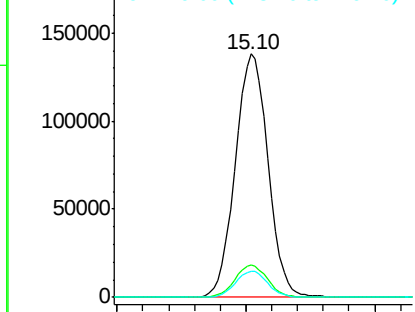
Tot Ion:	128	Resp:	243836
Ion Ratio		Lower	Upper
128	100		
127	13.1	10.4	15.6
129	10.5	8.7	13.1

Manual Integrations
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Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 50.089 ug/l

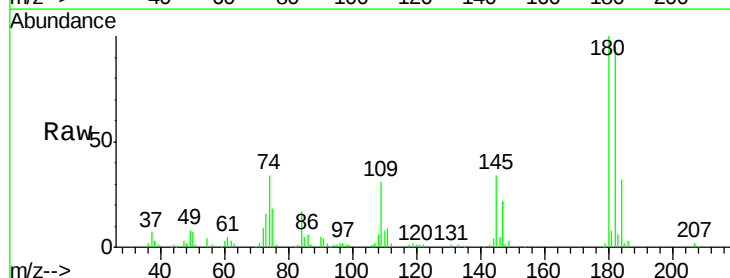
RT: 15.28 min Scan# 4202

Delta R.T. -0.00 min

Lab File: VN062723.D

Acq: 1 Aug 2020 7:13

Tgt Ion:	180	Resp:	89556
Ion Ratio		Lower	Upper
180	100		
182	94.7	48.1	144.3
145	35.0	16.7	50.1



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

