

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081220\
 Data File : VN062854.D
 Acq On : 12 Aug 2020 13:36
 Operator : JC/MD
 Sample : VN0812WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0812WBS01

Manual Integrations
 APPROVED

MMDadoda
 8/13/2020 10:57:01 AM

Quant Time: Aug 13 05:49:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:26:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	145486	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	233972	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	218763	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	104020	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	112594	46.80	ug/l	0.00
Spiked Amount			Recovery	=	93.60%	
35) Dibromofluoromethane	7.55	113	78434	49.01	ug/l	0.00
Spiked Amount			Recovery	=	98.02%	
50) Toluene-d8	10.06	98	289082	46.26	ug/l	0.00
Spiked Amount			Recovery	=	92.52%	
62) 4-Bromofluorobenzene	12.38	95	105790	44.80	ug/l	0.00
Spiked Amount			Recovery	=	89.60%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	36784	17.657	ug/l	99
3) Chloromethane	2.04	50	31417	15.981	ug/l	99
4) Vinyl Chloride	2.16	62	32618	17.690	ug/l	97
5) Bromomethane	2.51	94	26272m	21.523	ug/l	
6) Chloroethane	2.66	64	26046	21.471	ug/l	96
7) Trichlorofluoromethane	2.97	101	65800	20.012	ug/l	100
8) Diethyl Ether	3.37	74	16262	17.277	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	24565	17.961	ug/l	98
10) Methyl Iodide	3.91	142	28423	17.835	ug/l	97
11) Tert butyl alcohol	4.74	59	33591	85.187	ug/l #	86
12) 1,1-Dichloroethene	3.69	96	22434	17.343	ug/l	95
13) Acrolein	3.57	56	14652	61.370	ug/l	97
14) Allyl chloride	4.27	41	38197	14.996	ug/l	97
15) Acrylonitrile	4.93	53	78506	85.838	ug/l	99
16) Acetone	3.78	43	71106	81.793	ug/l	100
17) Carbon Disulfide	4.01	76	58857	16.102	ug/l	99
18) Methyl Acetate	4.28	43	38676	18.089	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	100199	17.776	ug/l	97
20) Methylene Chloride	4.50	84	30083	18.429	ug/l	90
21) trans-1,2-Dichloroethene	4.99	96	24801	17.035	ug/l	92
22) Diisopropyl ether	5.90	45	93989	17.334	ug/l	94
23) Vinyl Acetate	5.85	43	321818	78.029	ug/l	99
24) 1,1-Dichloroethane	5.80	63	54164	17.045	ug/l	100
25) 2-Butanone	6.79	43	104293	84.705	ug/l	100
26) 2,2-Dichloropropane	6.78	77	48784	16.655	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	30235	17.312	ug/l	94
28) Bromochloromethane	7.15	49	26153	17.053	ug/l	94
29) Tetrahydrofuran	7.17	42	65912	82.400	ug/l	94
30) Chloroform	7.33	83	59408	17.592	ug/l	94
31) Cyclohexane	7.61	56	47433	16.261	ug/l	92
32) 1,1,1-Trichloroethane	7.53	97	53015	17.559	ug/l	97
36) 1,1-Dichloropropene	7.75	75	37566	16.489	ug/l	98
37) Ethyl Acetate	6.89	43	39080	16.421	ug/l	100
38) Carbon Tetrachloride	7.73	117	47912	17.782	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	43994	16.046	ug/l	96
40) Benzene	8.00	78	115788	17.032	ug/l	98
41) Methacrylonitrile	7.13	41	15927	14.831	ug/l #	73
42) 1,2-Dichloroethane	8.09	62	51343	17.744	ug/l	99
43) Isopropyl Acetate	8.13	43	62966	15.863	ug/l	99
44) Trichloroethene	8.80	130	28542	17.233	ug/l	99
45) 1,2-Dichloropropane	9.08	63	31322	17.023	ug/l	96
46) Dibromomethane	9.17	93	22046	18.287	ug/l	98
47) Bromodichloromethane	9.37	83	48142	17.780	ug/l	96
48) Methyl methacrylate	9.17	41	31675	16.223	ug/l	97
49) 1,4-Dioxane	9.17	88	12390	342.478	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	218734	85.167	ug/l	100
52) Toluene	10.13	92	74138	17.663	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	49545	16.635	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	51577	17.248	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	33515	18.695	ug/l	96
56) Ethyl methacrylate	10.40	69	45320	16.796	ug/l	97
57) 1,3-Dichloropropane	10.68	76	53509	17.567	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.67	63	54884	71.958	ug/l	98
59) 2-Hexanone	10.72	43	160538	83.797	ug/l	100
60) Dibromochloromethane	10.88	129	37185	18.177	ug/l	98
61) 1,2-Dibromoethane	10.98	107	31804	17.979	ug/l	99
64) Tetrachloroethene	10.61	164	24710	17.506	ug/l	97
65) Chlorobenzene	11.41	112	80013	17.497	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	34863	18.984	ug/l	94
67) Ethyl Benzene	11.49	91	139415	17.037	ug/l	95
68) m/p-Xylenes	11.60	106	105376	35.474	ug/l	98
69) o-Xylene	11.92	106	50314	18.074	ug/l	99
70) Styrene	11.94	104	87362	17.854	ug/l	99
71) Bromoform	12.10	173	26342	17.532	ug/l #	97
73) Isopropylbenzene	12.23	105	140635	17.955	ug/l	99
74) N-amyl acetate	12.05	43	54937	17.308	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	50664	18.374	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	47924m	17.083	ug/l	
77) Bromobenzene	12.50	156	35693	18.340	ug/l	93
78) n-propylbenzene	12.57	91	162643	17.689	ug/l	99
79) 2-Chlorotoluene	12.65	91	102180	17.722	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	125098	18.410	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	15478	16.843	ug/l	94
82) 4-Chlorotoluene	12.75	91	106663	17.952	ug/l	100
83) tert-Butylbenzene	12.97	119	103402	17.983	ug/l	98
84) 1,2,4-Trimethylbenzene	13.02	105	118045	18.158	ug/l	99
85) sec-Butylbenzene	13.15	105	134400	17.800	ug/l	98
86) p-Isopropyltoluene	13.26	119	119150	17.777	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	60587	17.426	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	60917	17.469	ug/l	97
89) n-Butylbenzene	13.59	91	90675	15.996	ug/l	98
90) Hexachloroethane	13.85	117	25409	17.588	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	58555	17.964	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.25	75	10650	17.991	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	24132	16.191	ug/l	94
94) Hexachlorobutadiene	14.98	225	19944	18.464	ug/l	96
95) Naphthalene	15.11	128	57194	14.782	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	24213	16.005	ug/l	98

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

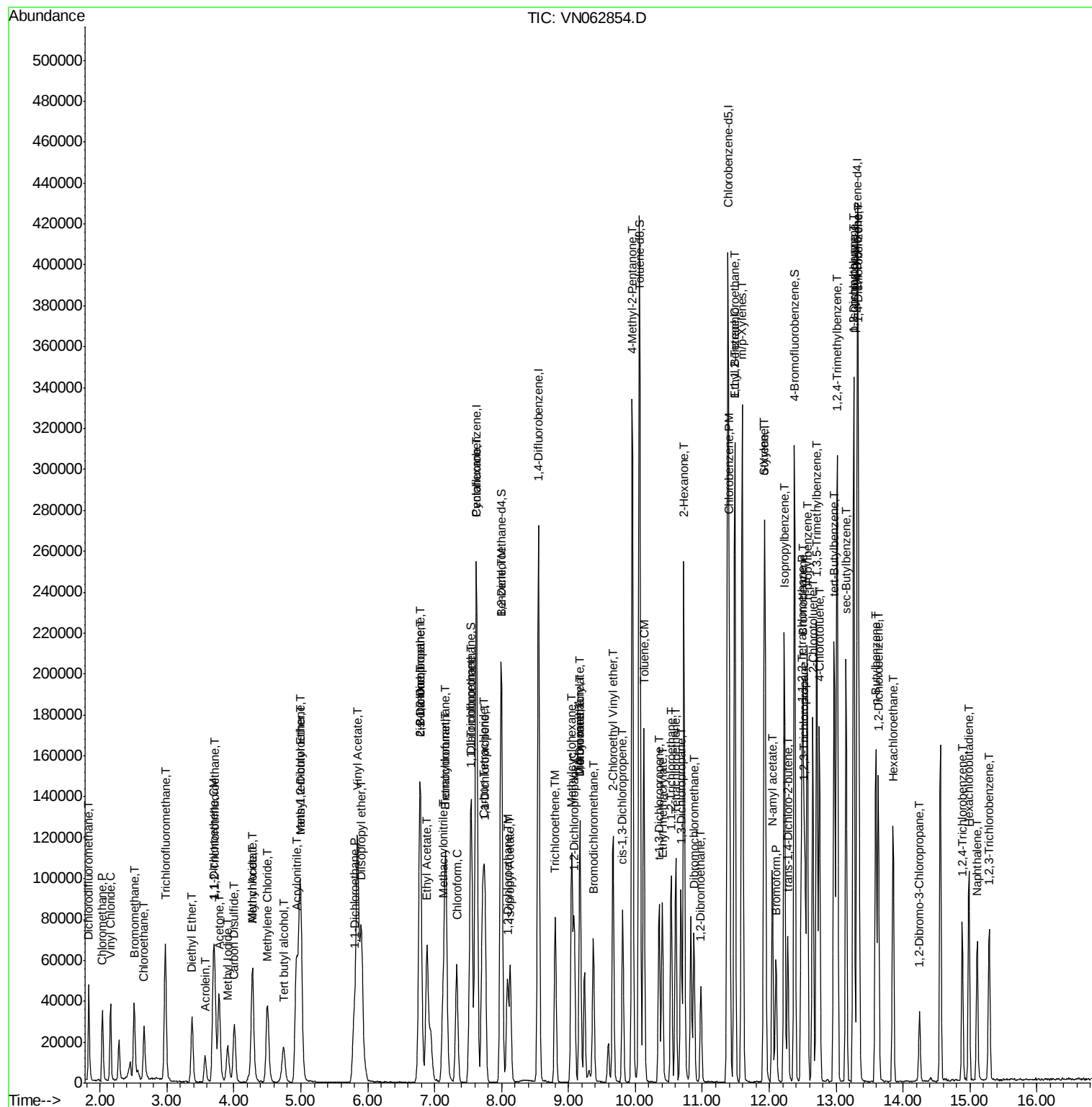
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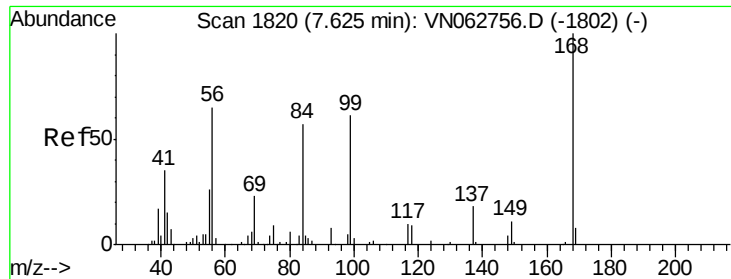
Instrument :
MSVOA_N
ClientSampleId :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062854.D

Acq: 12 Aug 2020 13:36

Instrument :

MSVOA_N

ClientSampleId :

VN0812WBS01

Tot Ion:168 Resp: 145486

Ion Ratio Lower Upper

168 100

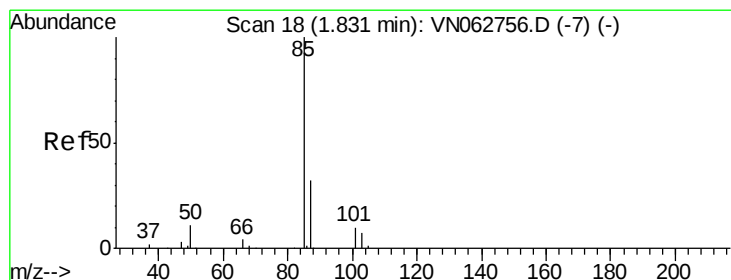
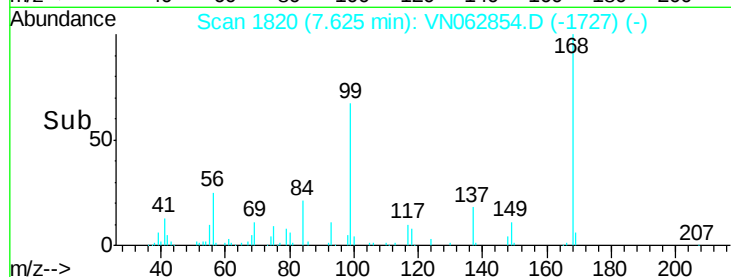
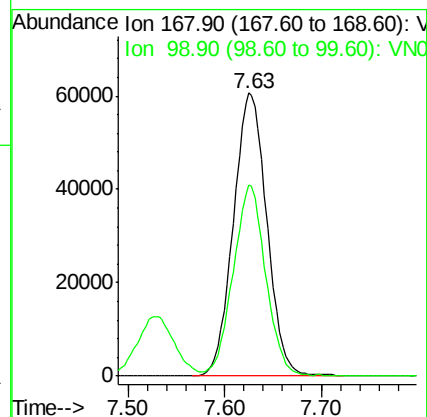
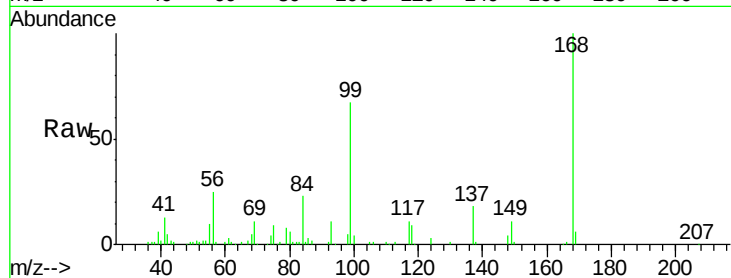
99 67.5 52.9 79.3

Manual Integrations

APPROVED

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#2

Dichlorodifluoromethane

Concen: 17.657 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062854.D

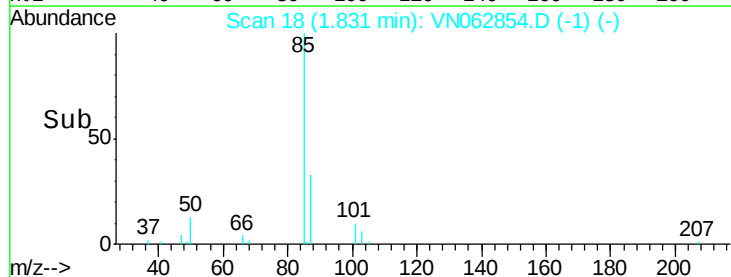
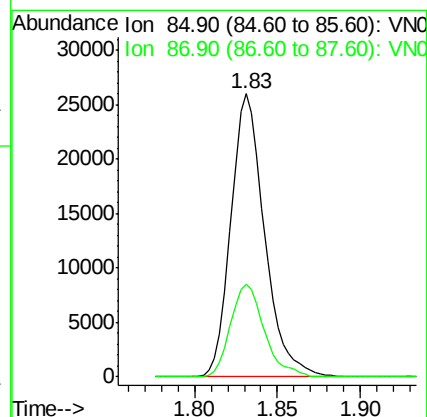
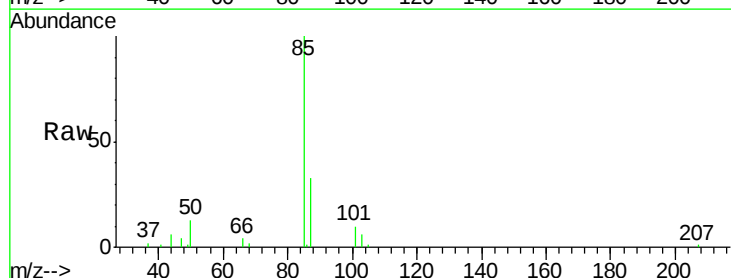
Acq: 12 Aug 2020 13:36

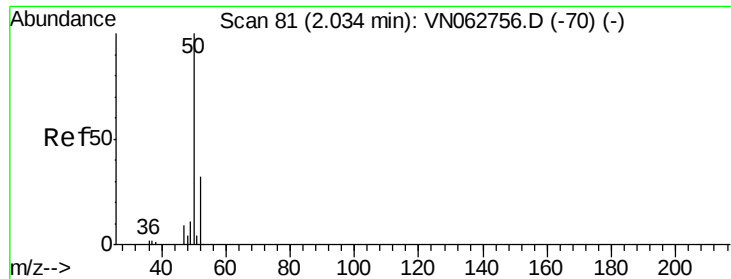
Tgt Ion: 85 Resp: 36784

Ion Ratio Lower Upper

85 100

87 32.8 16.2 48.6





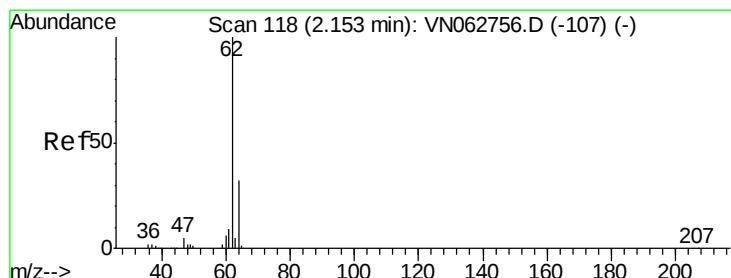
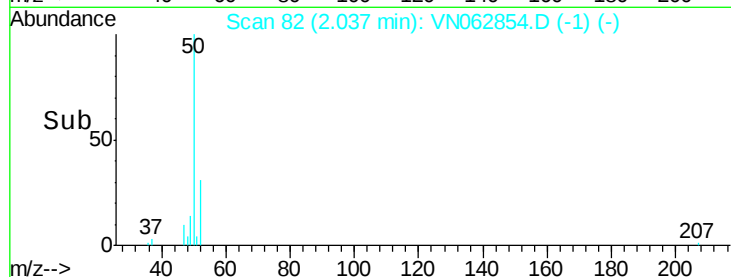
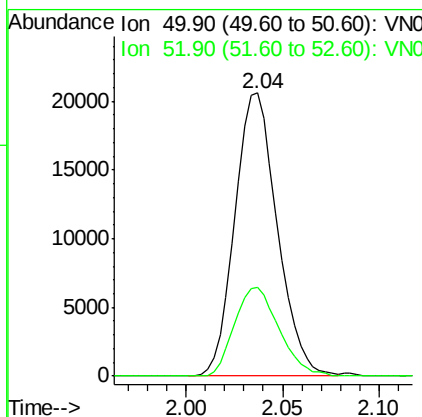
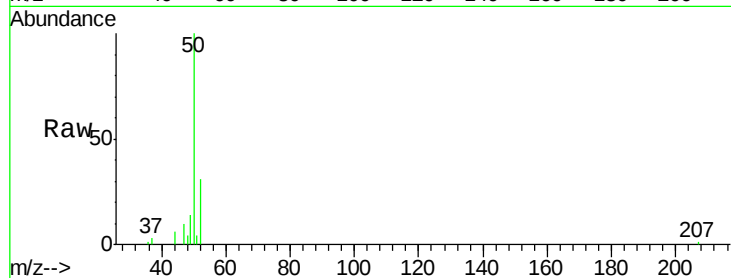
#3
Chloromethane
Concen: 15.981 ug/l
RT: 2.04 min Scan# 82
Delta R.T. 0.00 min
Lab File: VN062854.D
Acq: 12 Aug 2020 13:36

Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

Tot Ion: 50 Resp: 31417
Ion Ratio Lower Upper
50 100
52 31.4 25.6 38.4

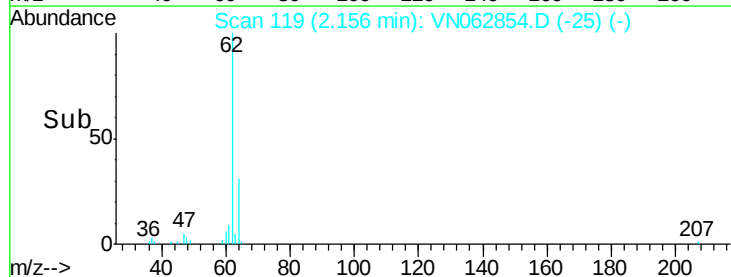
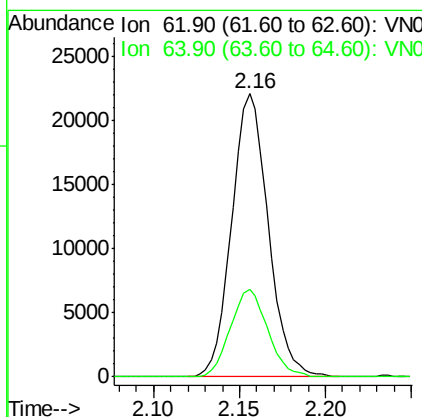
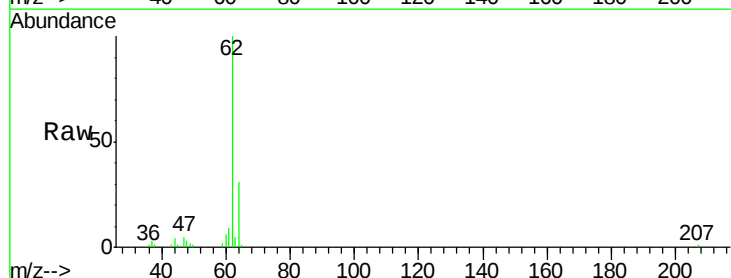
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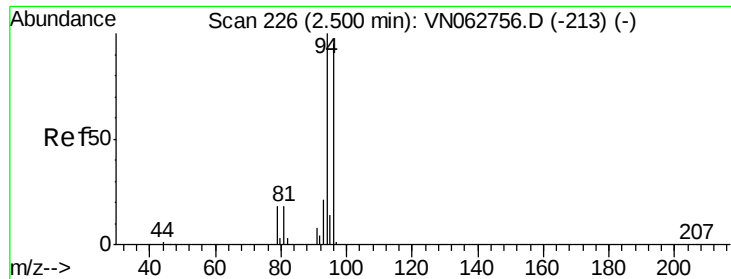
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#4
Vinyl Chloride
Concen: 17.690 ug/l
RT: 2.16 min Scan# 119
Delta R.T. 0.00 min
Lab File: VN062854.D
Acq: 12 Aug 2020 13:36

Tgt Ion: 62 Resp: 32618
Ion Ratio Lower Upper
62 100
64 30.8 25.8 38.8





#5

Bromomethane

Concen: 21.523 ug/l m

RT: 2.51 min Scan# 229

Delta R.T. 0.01 min

Lab File: VN062854.D

Acq: 12 Aug 2020 13:36

Instrument :

MSVOA_N

ClientSampled :

VN0812WBS01

Tot Ion: 94 Resp: 26272

Ion Ratio Lower Upper

94 100

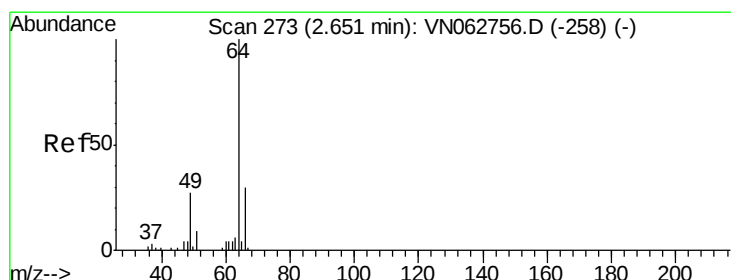
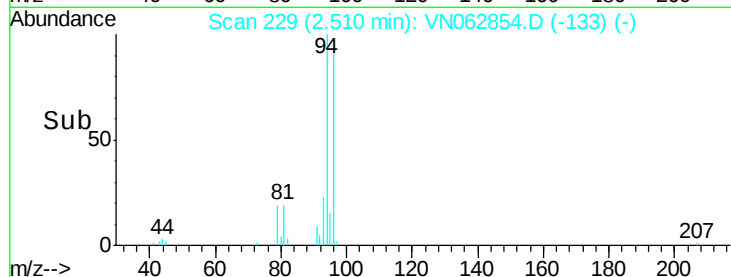
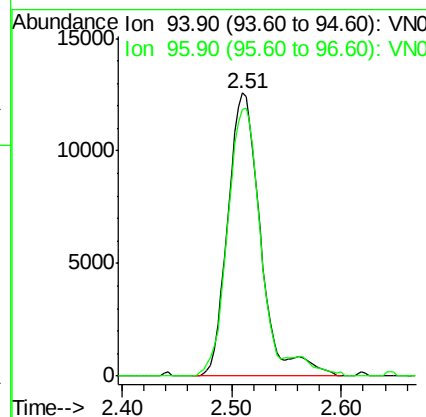
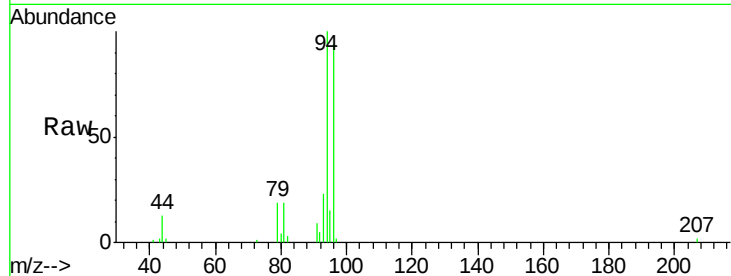
96 94.0 76.2 114.4

Manual Integrations

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#6

Chloroethane

Concen: 21.471 ug/l

RT: 2.66 min Scan# 275

Delta R.T. 0.01 min

Lab File: VN062854.D

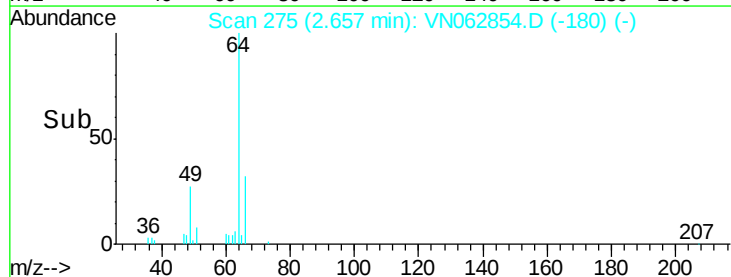
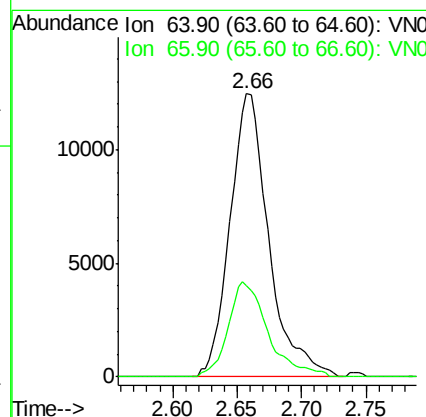
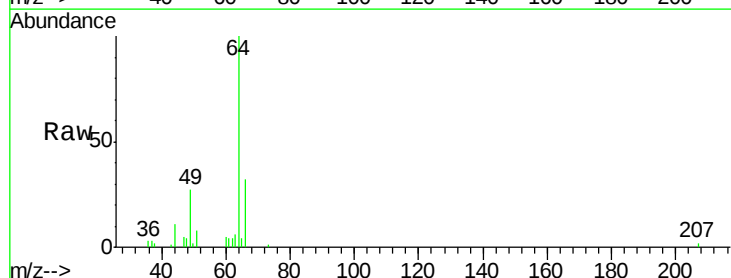
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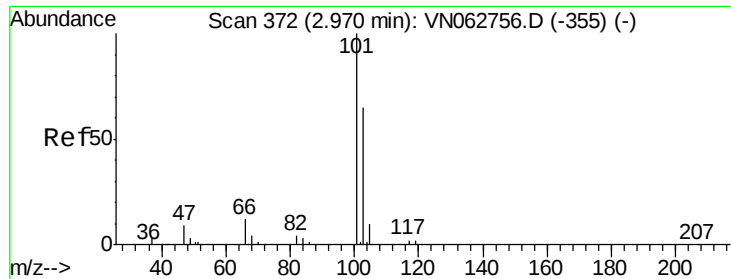
Tgt Ion: 64 Resp: 26046

Ion Ratio Lower Upper

64 100

66 32.3 24.0 36.0





#7

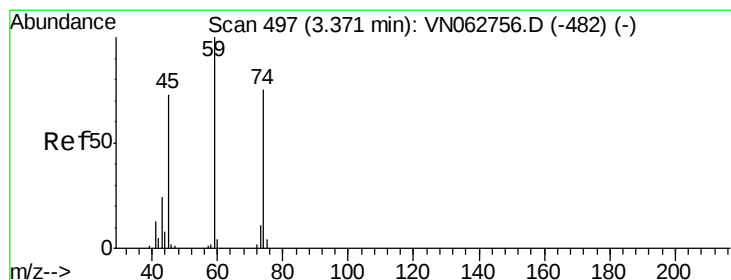
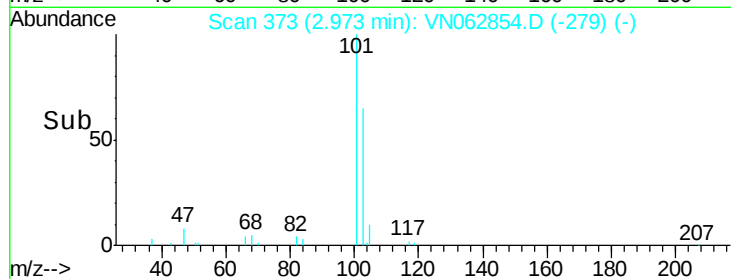
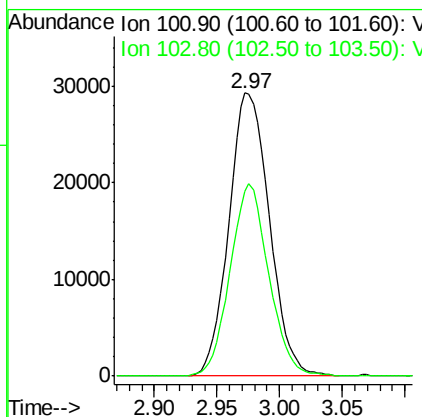
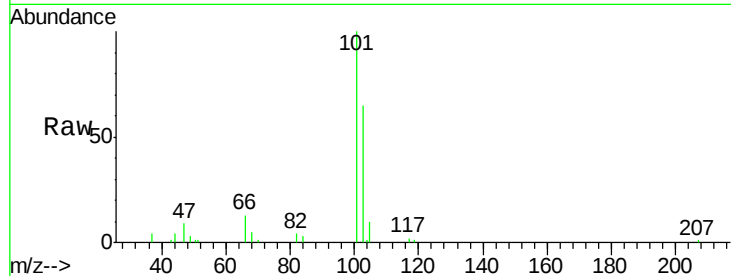
Trichlorofluoromethane
 Concen: 20.012 ug/l
 RT: 2.97 min Scan# 373
 Delta R.T. 0.00 min
 Lab File: VN062854.D
 Acq: 12 Aug 2020 13:36

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		65800		
103	65.4	52.3	78.5		

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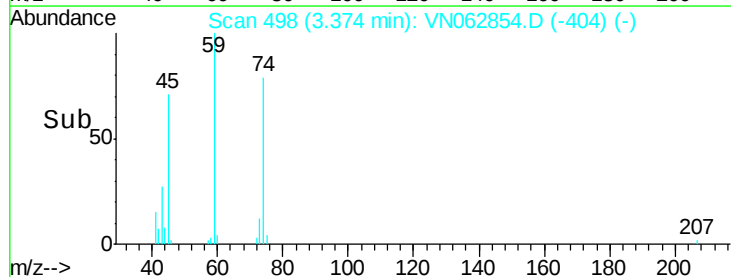
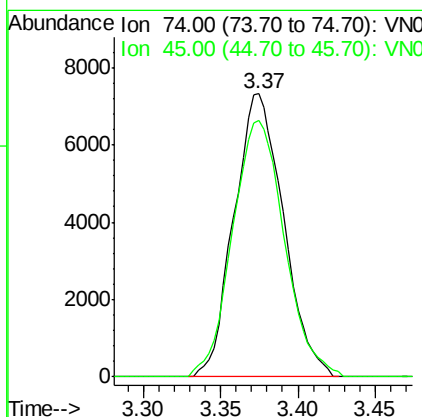
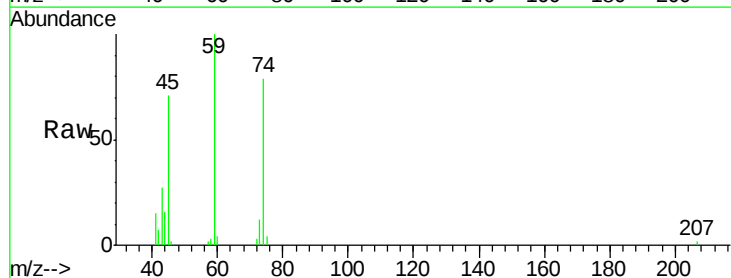
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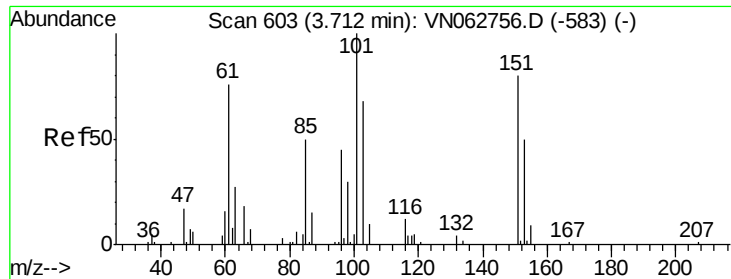


#8

Diethyl Ether
 Concen: 17.277 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: VN062854.D
 Acq: 12 Aug 2020 13:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		16262		
45	94.9	48.7	146.1		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.961 ug/l

RT: 3.72 min Scan# 604

Delta R.T. 0.00 min

Lab File: VN062854.D

Acq: 12 Aug 2020 13:36

Instrument :

MSVOA_N

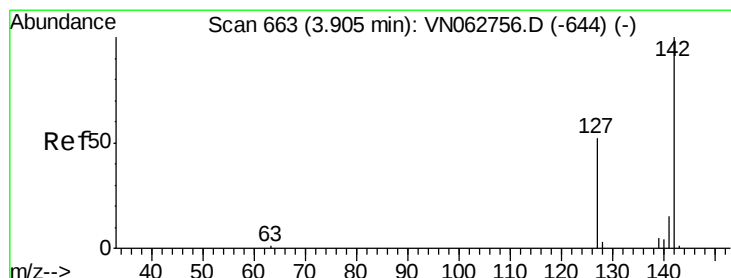
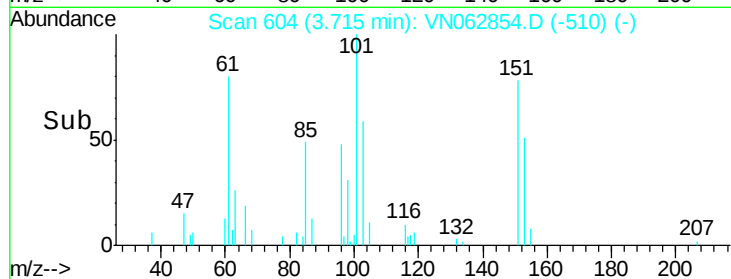
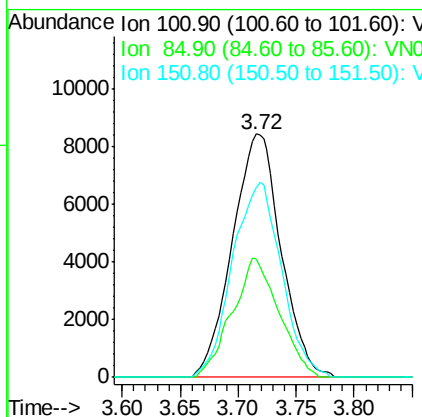
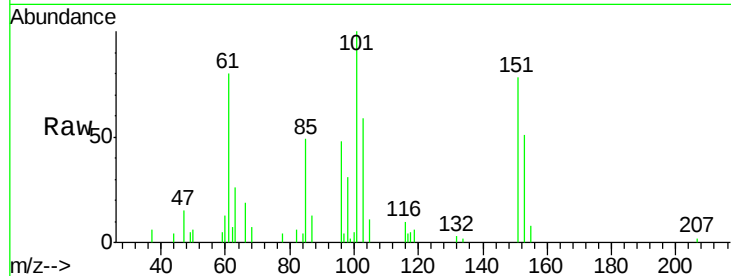
ClientSampleId :

VN0812WBS01

Tot Ion:	101	Resp:	24565
Ion Ratio	Lower	Upper	
101	100		
85	47.0	38.5	57.7
151	80.7	63.0	94.6

Manual Integrations
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#10

Methyl Iodide

Concen: 17.835 ug/l

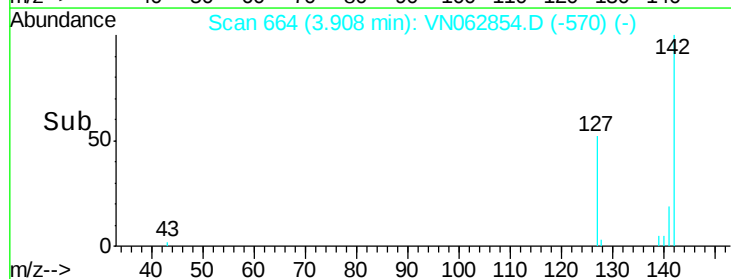
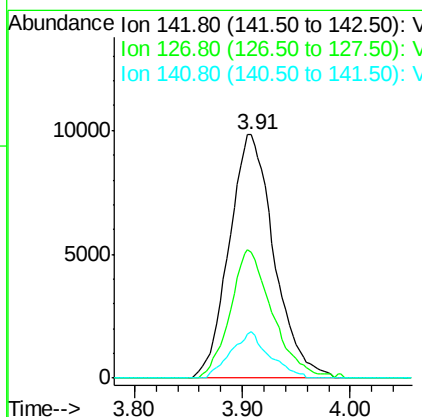
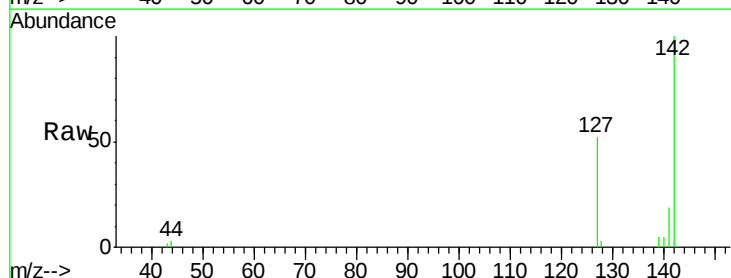
RT: 3.91 min Scan# 664

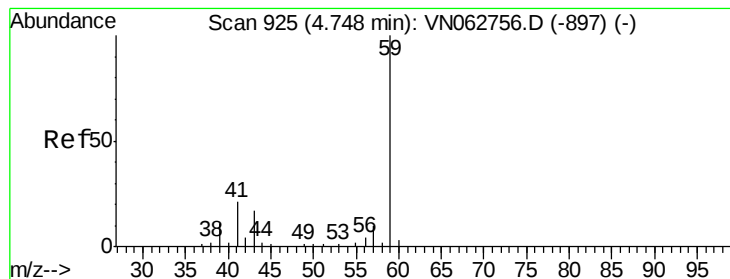
Delta R.T. 0.00 min

Lab File: VN062854.D

Acq: 12 Aug 2020 13:36

Tgt Ion:	142	Resp:	28423
Ion Ratio	Lower	Upper	
142	100		
127	49.6	41.4	62.0
141	16.3	12.2	18.4





#11

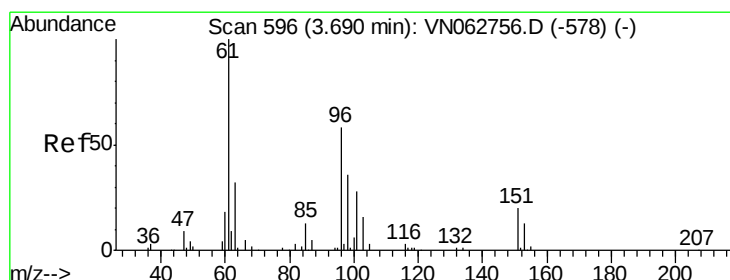
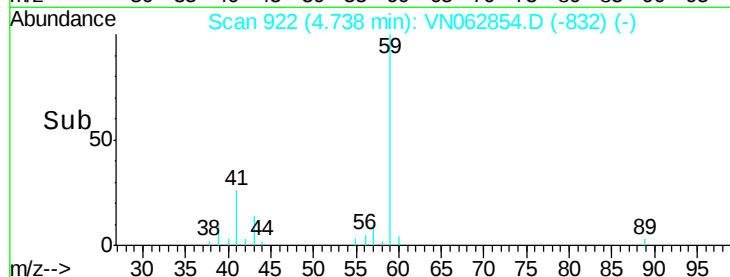
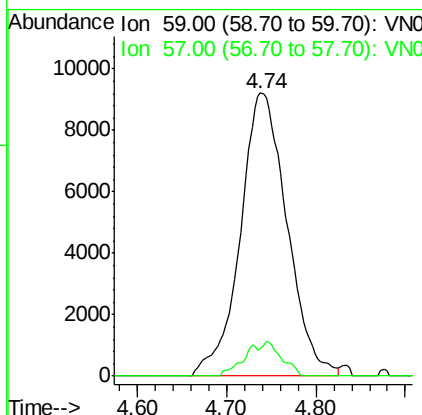
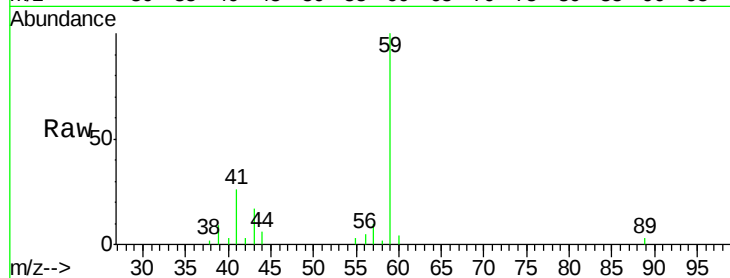
Tert butyl alcohol
 Concen: 85.187 ug/l
 RT: 4.74 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: VN062854.D
 Acq: 12 Aug 2020 13:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0812WBS01

Tot Ion	Ratio	Resp	Lower	Upper
59	100	33591		
57	5.0	8.3	12.5#	

Manual Integrations
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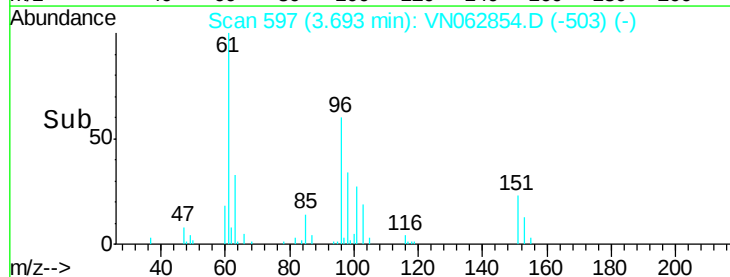
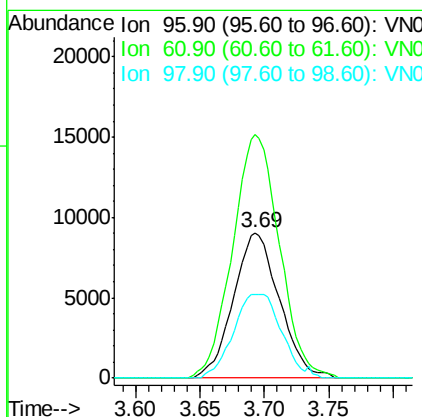
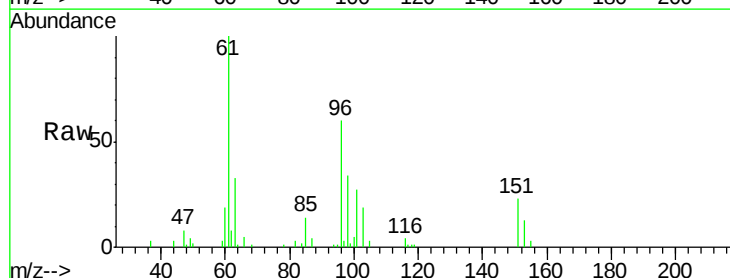
MMDadoda
 8/13/2020 10:57:01 AM

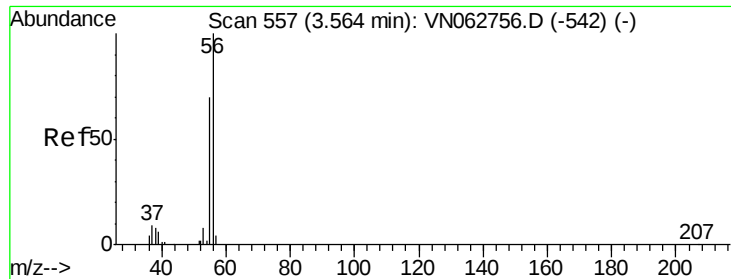


#12

1,1-Dichloroethene
 Concen: 17.343 ug/l
 RT: 3.69 min Scan# 597
 Delta R.T. 0.00 min
 Lab File: VN062854.D
 Acq: 12 Aug 2020 13:36

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	22434		
61	167.3	139.0	208.6	
98	57.6	50.2	75.4	





#13

Acrolein

Concen: 61.370 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN062854.D

Acq: 12 Aug 2020 13:36

Instrument :

MSVOA_N

ClientSampleId :

VN0812WBS01

Tot Ion: 56 Resp: 14652

Ion Ratio Lower Upper

56 100

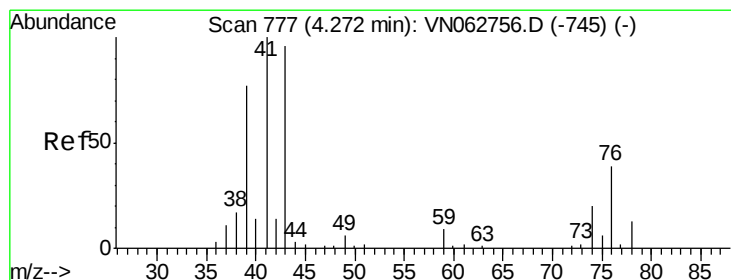
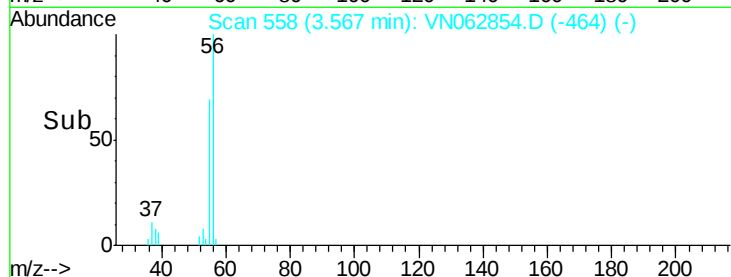
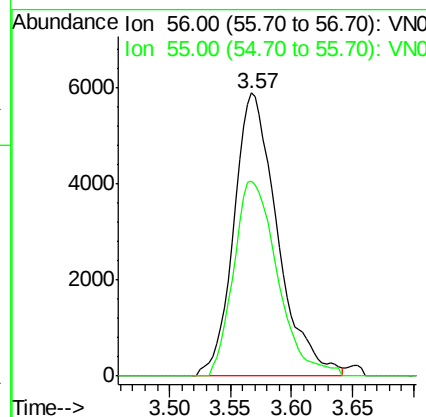
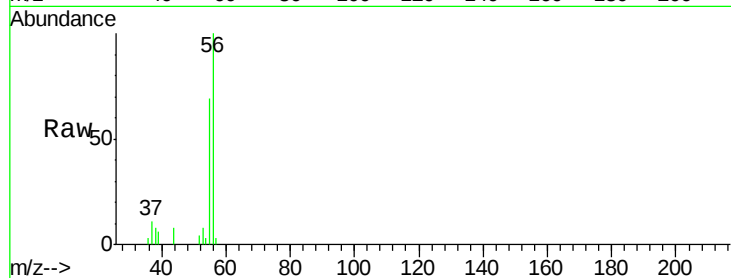
55 69.0 57.0 85.6

Manual Integrations

APPROVED

MMDadoda

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#14

Allyl chloride

Concen: 14.996 ug/l

RT: 4.27 min Scan# 778

Delta R.T. 0.00 min

Lab File: VN062854.D

Acq: 12 Aug 2020 13:36

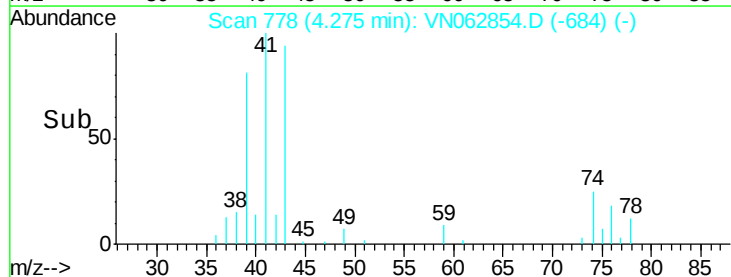
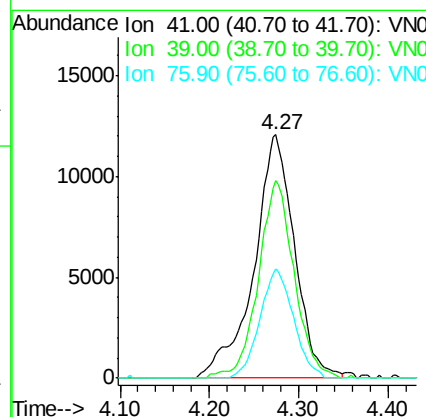
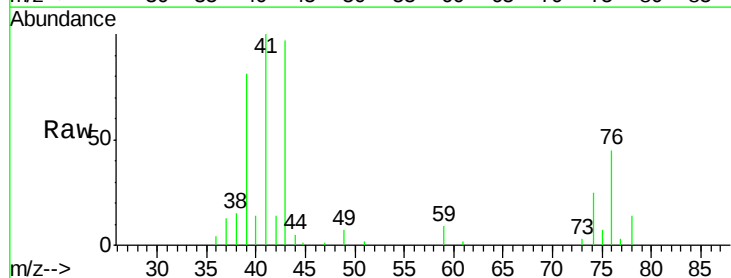
Tgt Ion: 41 Resp: 38197

Ion Ratio Lower Upper

41 100

39 71.4 55.7 83.5

76 37.1 27.5 41.3





#15

Acrylonitrile

Concen: 85.838 ug/l

RT: 4.93 min Scan# 982

Delta R.T. -0.00 min

Lab File: VN062854.D

Acq: 12 Aug 2020 13:36

Instrument :

MSVOA_N

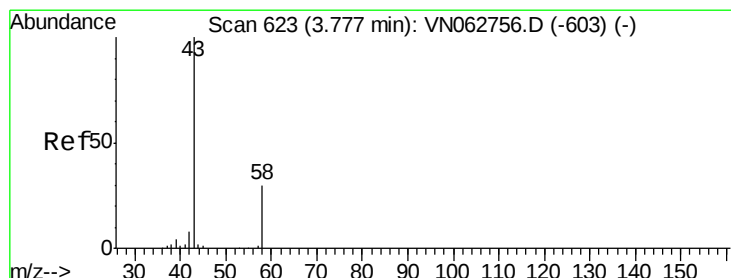
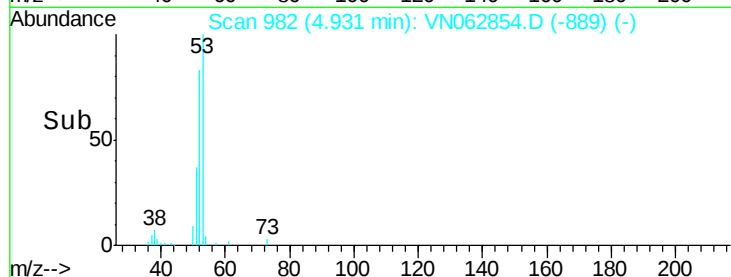
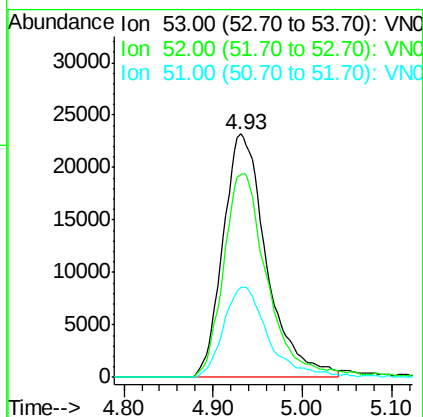
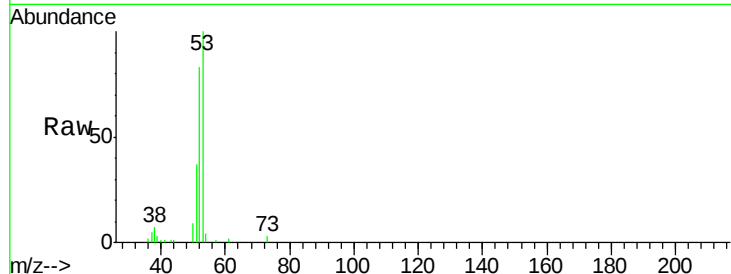
ClientSampleId :

VN0812WBS01

Tot Ion:	53	Resp:	78506
Ion Ratio	Lower	Upper	
53	100		
52	82.1	66.8	100.2
51	37.7	29.5	44.3

Manual Integrations
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#16

Acetone

Concen: 81.793 ug/l

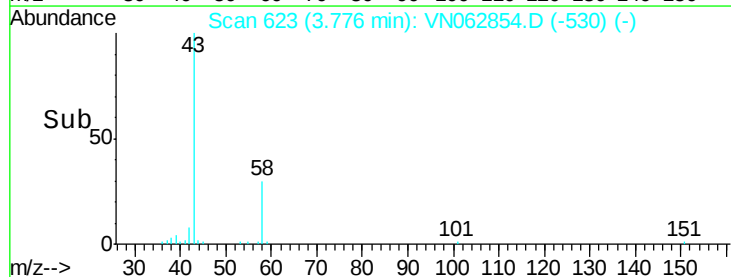
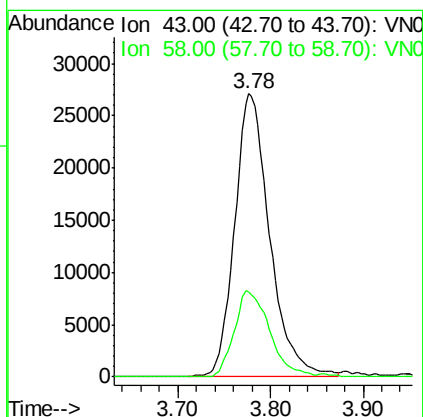
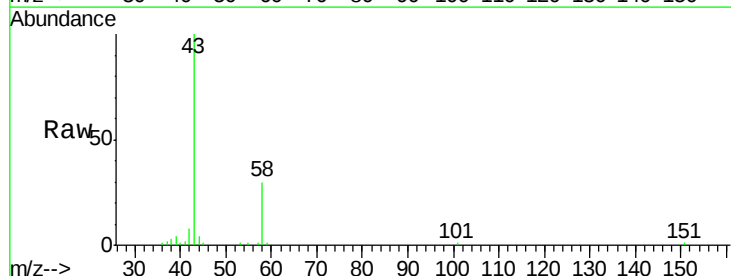
RT: 3.78 min Scan# 623

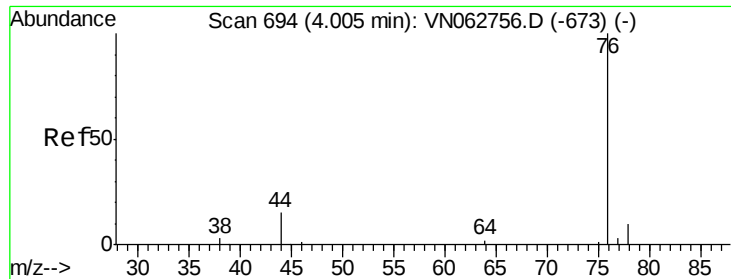
Delta R.T. -0.00 min

Lab File: VN062854.D

Acq: 12 Aug 2020 13:36

Tgt Ion:	43	Resp:	71106
Ion Ratio	Lower	Upper	
43	100		
58	30.1	24.1	36.1





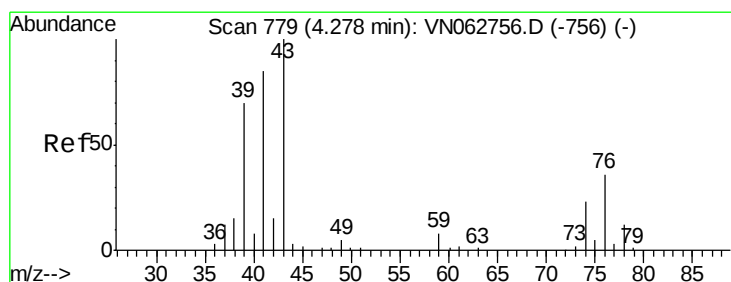
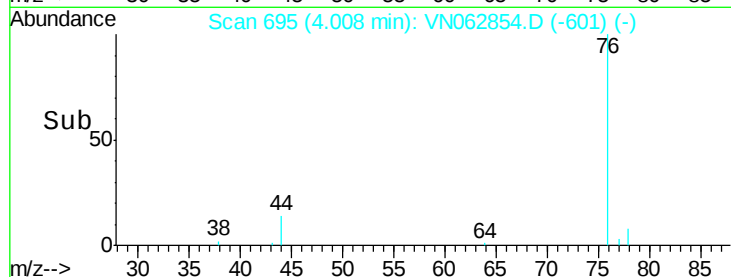
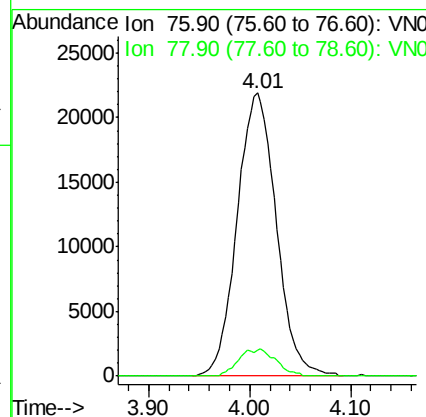
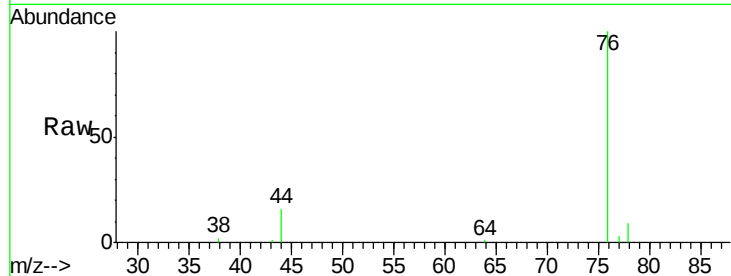
#17
Carbon Disulfide
Concen: 16.102 ug/l
RT: 4.01 min Scan# 695
Delta R.T. 0.00 min
Lab File: VN062854.D
Acq: 12 Aug 2020 13:36

Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

Tot Ion: 76 Resp: 58857
Ion Ratio Lower Upper
76 100
78 9.1 7.7 11.5

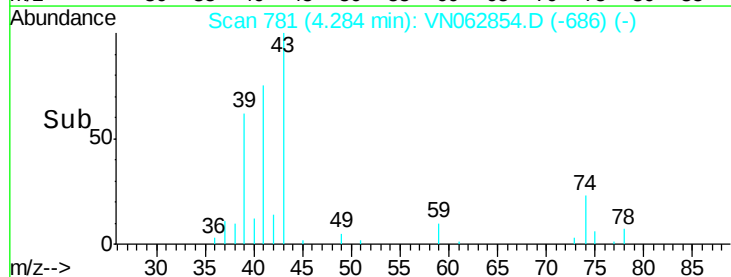
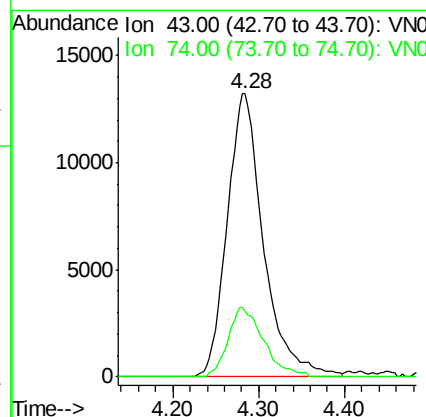
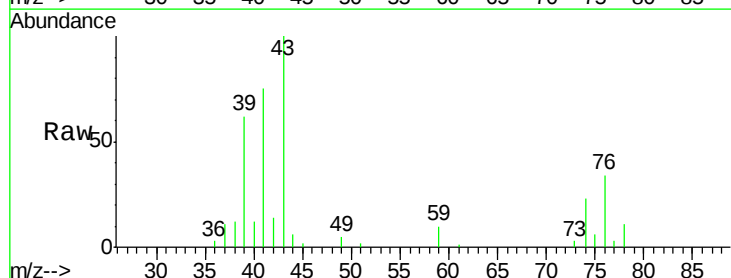
Manual Integrations
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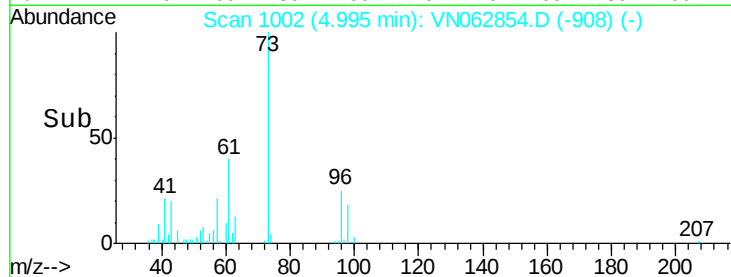
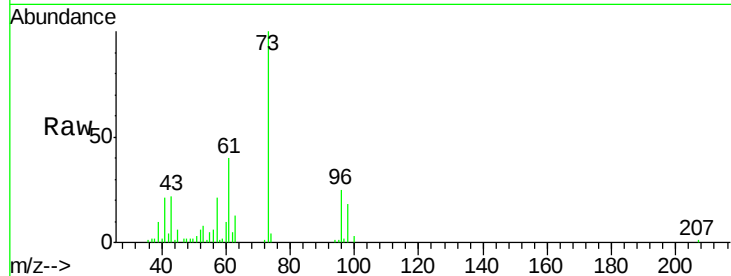
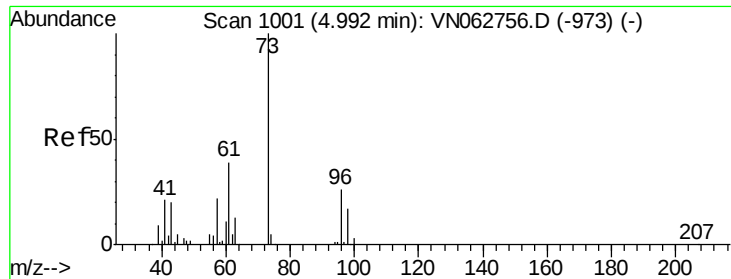
MMDadoda
8/13/2020 10:57:01 AM



#18
Methyl Acetate
Concen: 18.089 ug/l
RT: 4.28 min Scan# 781
Delta R.T. 0.01 min
Lab File: VN062854.D
Acq: 12 Aug 2020 13:36

Tgt Ion: 43 Resp: 38676
Ion Ratio Lower Upper
43 100
74 24.0 18.6 28.0





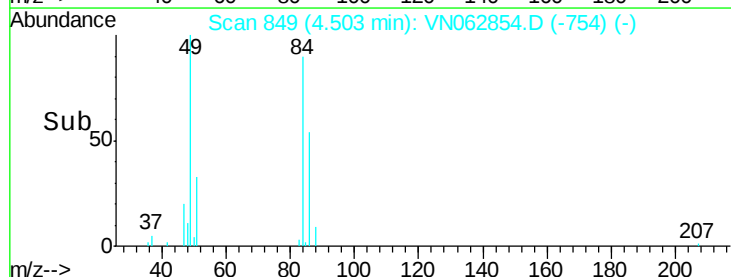
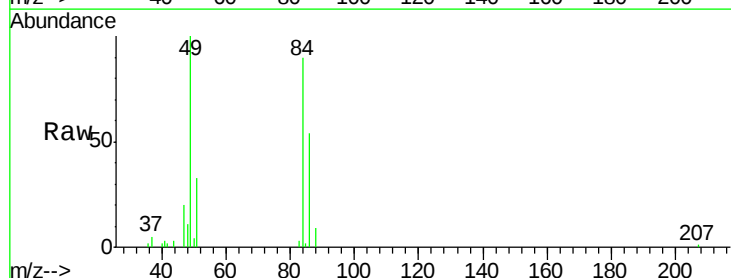
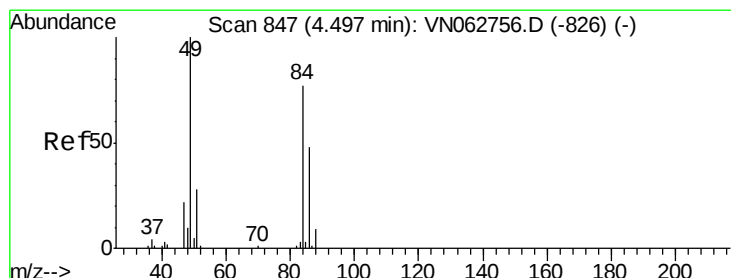
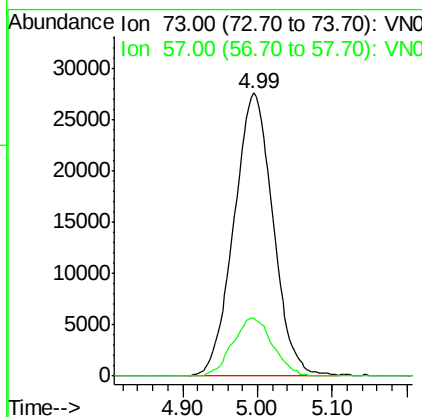
#19
Methyl tert-butyl Ether
Concen: 17.776 ug/l
RT: 4.99 min Scan# 1002
Delta R.T. 0.00 min
Lab File: VN062854.D
Acq: 12 Aug 2020 13:36

Tot Ion: 73 Resp: 100199
Ion Ratio Lower Upper
73 100
57 20.6 17.5 26.3

Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

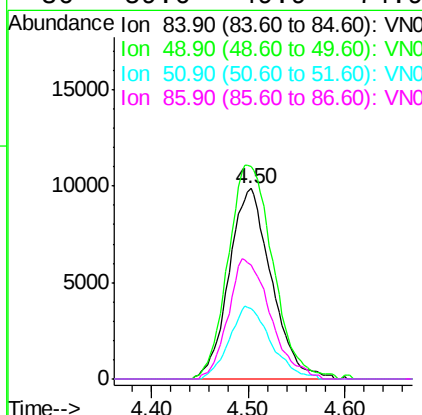
Manual Integrations
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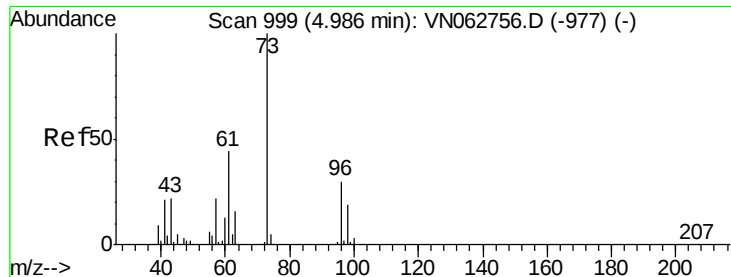
MMDadoda
8/13/2020 10:57:01 AM



#20
Methylene Chloride
Concen: 18.429 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.01 min
Lab File: VN062854.D
Acq: 12 Aug 2020 13:36

Tgt Ion: 84 Resp: 30083
Ion Ratio Lower Upper
84 100
49 111.3 103.4 155.2
51 36.9 29.3 43.9
86 59.6 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 17.035 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN062854.D

Acq: 12 Aug 2020 13:36

Instrument :

MSVOA_N

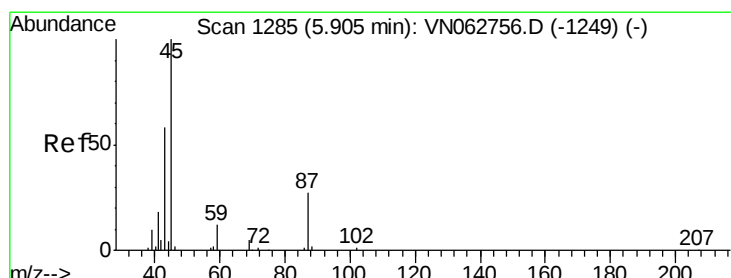
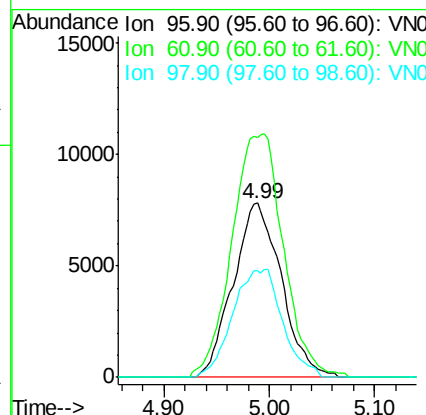
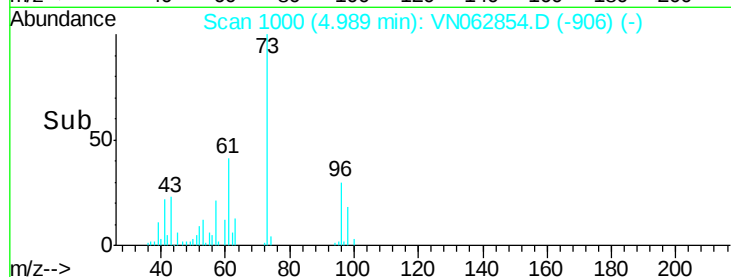
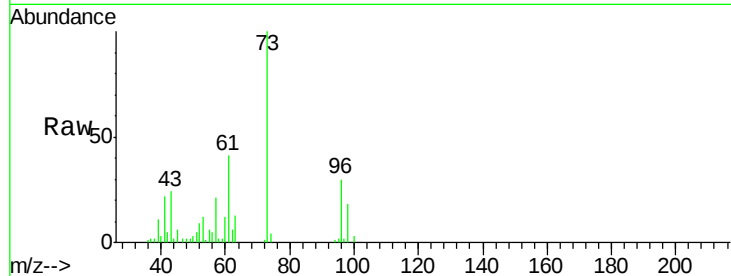
ClientSampleId :

VN0812WBS01

Tot Ion:	96	Resp:	24801
Ion	Ratio	Lower	Upper
96	100		
61	135.6	118.8	178.2
98	61.0	51.0	76.4

Manual Integrations
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MMDadoda
8/13/2020 10:57:01 AM



#22

Diisopropyl ether

Concen: 17.334 ug/l

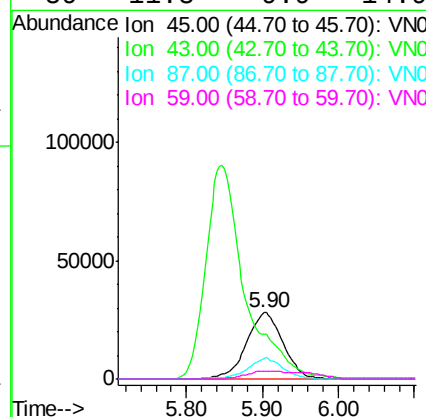
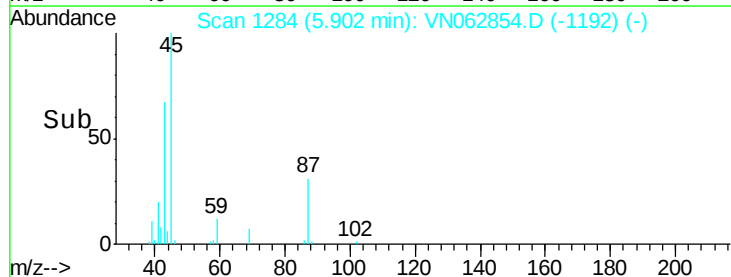
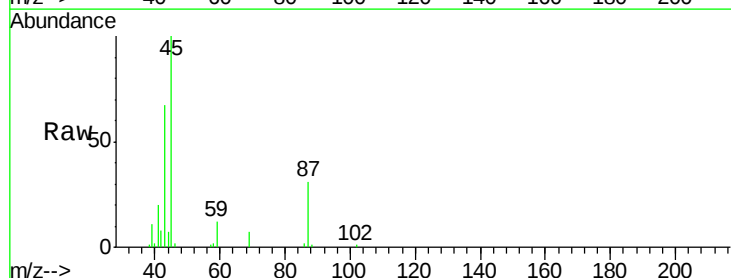
RT: 5.90 min Scan# 1284

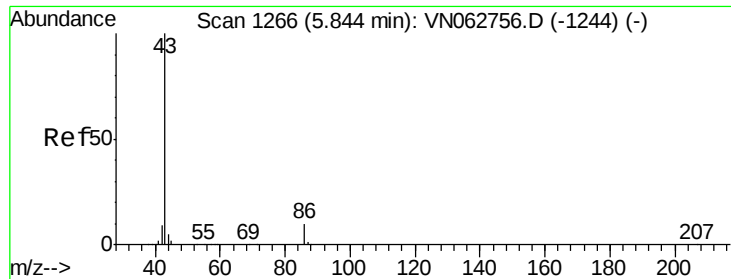
Delta R.T. -0.00 min

Lab File: VN062854.D

Acq: 12 Aug 2020 13:36

Tgt Ion:	45	Resp:	93989
Ion	Ratio	Lower	Upper
45	100		
43	64.7	47.4	71.2
87	31.2	22.8	34.2
59	11.8	9.9	14.9





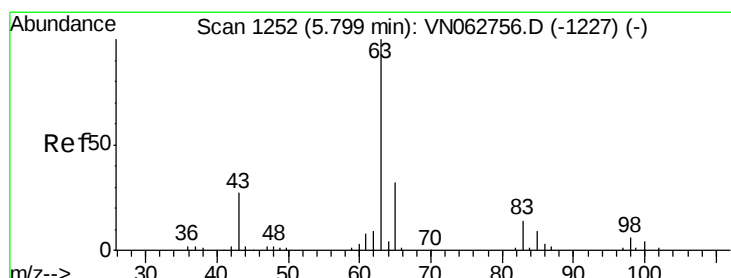
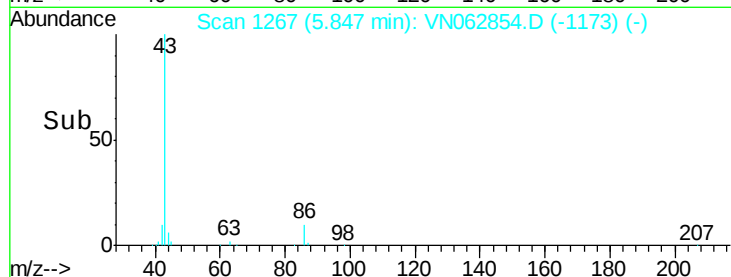
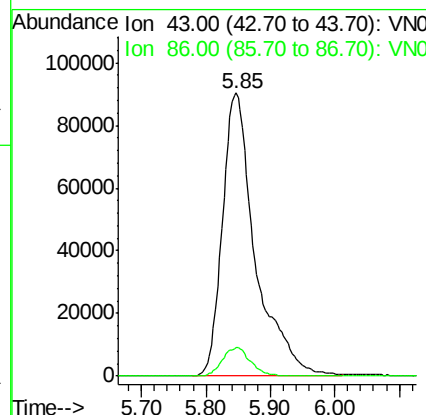
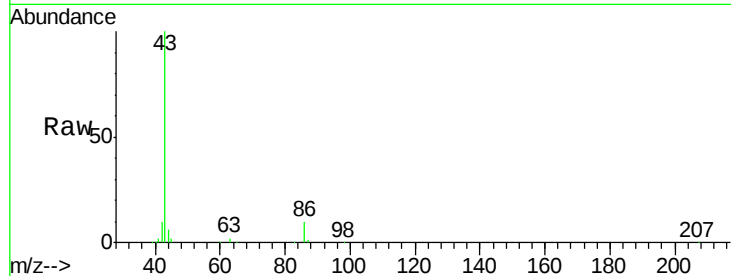
#23
 Vinyl Acetate
 Concen: 78.029 ug/l
 RT: 5.85 min Scan# 1267
 Delta R.T. 0.00 min
 Lab File: VN062854.D
 Acq: 12 Aug 2020 13:36

Instrument :
 MSVOA_N
 ClientSampled :
 VN0812WBS01

Tot Ion	43	Resp	321818
Ion Ratio	100	Lower	Upper
43	100		
86	9.9	7.7	11.5

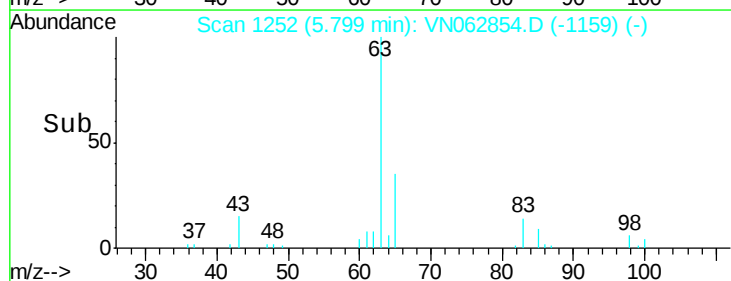
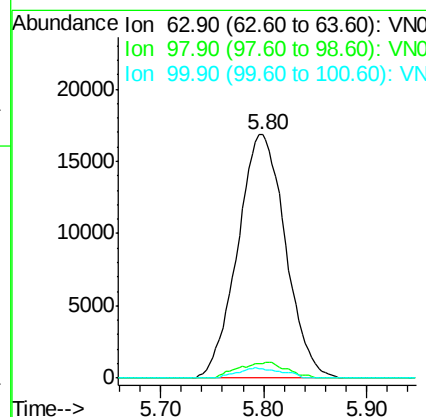
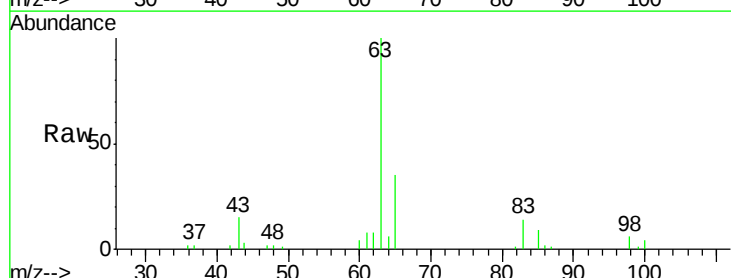
Manual Integrations
 APPROVED

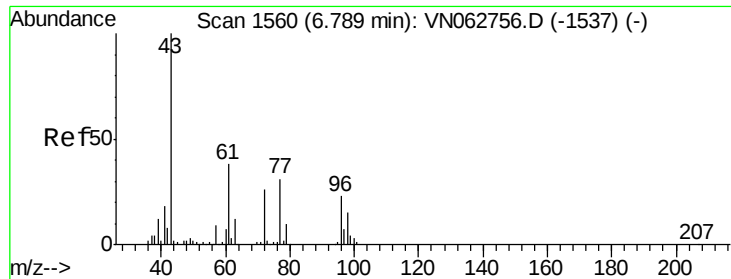
MMDadoda
 8/13/2020 10:57:01 AM



#24
 1,1-Dichloroethane
 Concen: 17.045 ug/l
 RT: 5.80 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: VN062854.D
 Acq: 12 Aug 2020 13:36

Tgt Ion	63	Resp	54164
Ion Ratio	100	Lower	Upper
63	100		
98	5.9	3.0	9.2
100	3.8	1.9	5.7





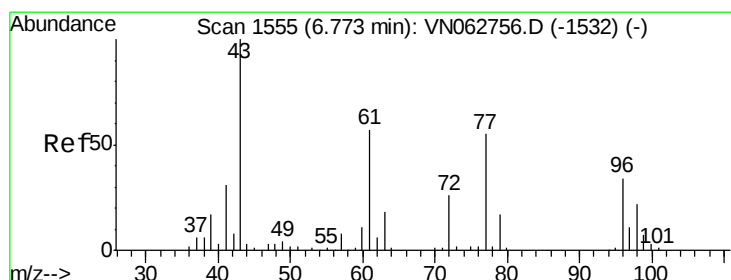
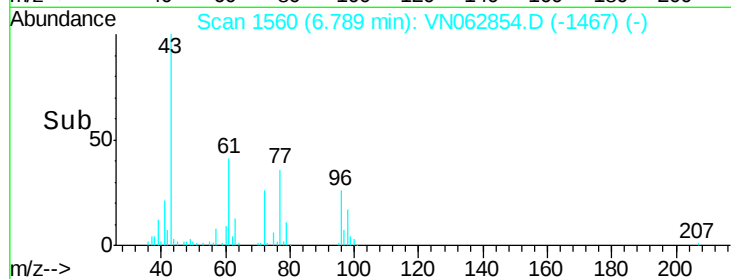
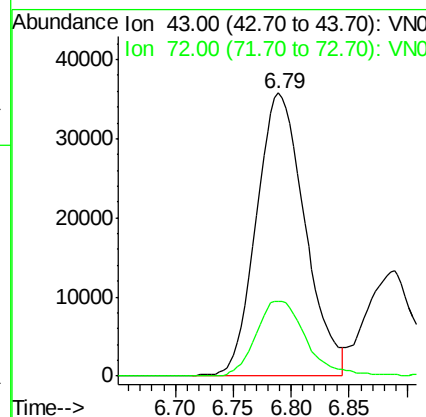
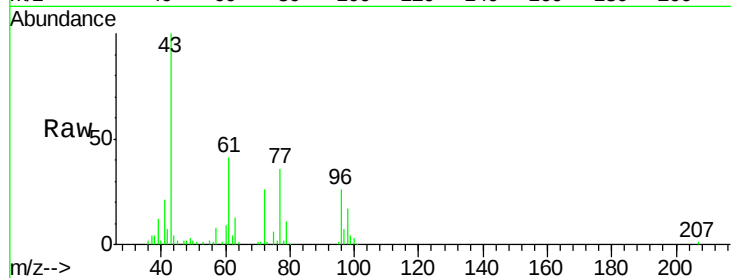
#25
2-Butanone
Concen: 84.705 ug/l
RT: 6.79 min Scan# 1560
Delta R.T. -0.00 min
Lab File: VN062854.D
Acq: 12 Aug 2020 13:36

Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

Tot Ion: 43 Resp: 104293
Ion Ratio Lower Upper
43 100
72 26.3 21.1 31.7

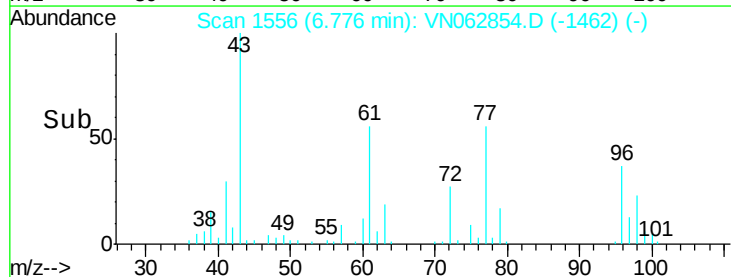
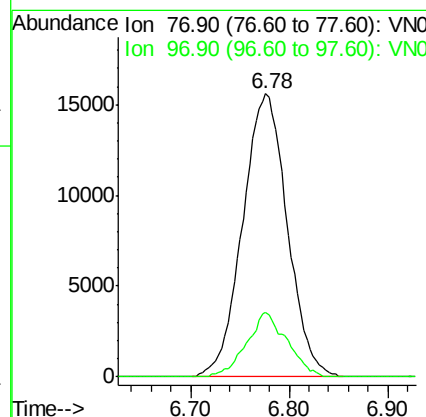
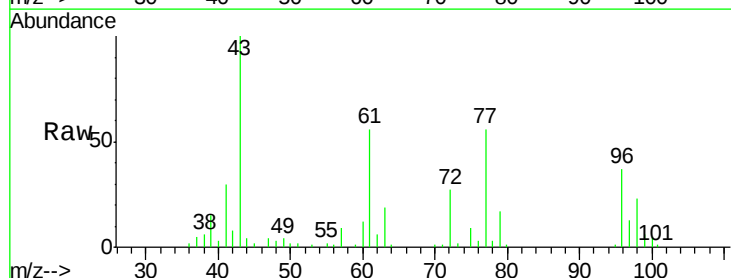
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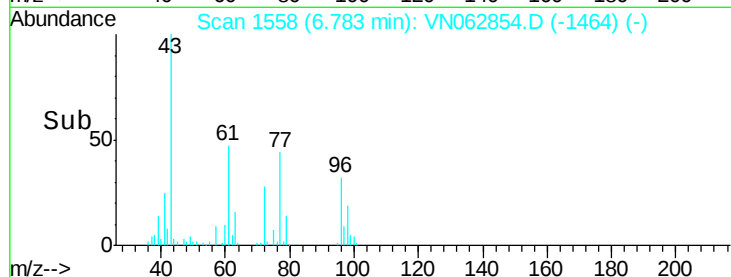
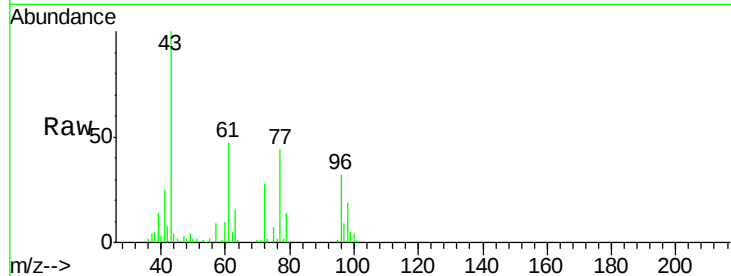
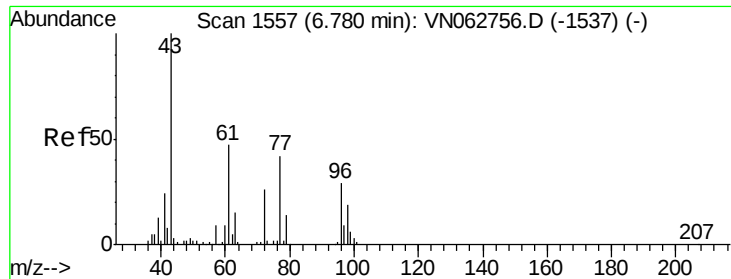
MMDadoda
8/13/2020 10:57:01 AM



#26
2,2-Dichloropropane
Concen: 16.655 ug/l
RT: 6.78 min Scan# 1556
Delta R.T. 0.00 min
Lab File: VN062854.D
Acq: 12 Aug 2020 13:36

Tgt Ion: 77 Resp: 48784
Ion Ratio Lower Upper
77 100
97 20.6 10.5 31.6





#27

cis-1,2-Dichloroethene

Concen: 17.312 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. 0.00 min

Lab File: VN062854.D

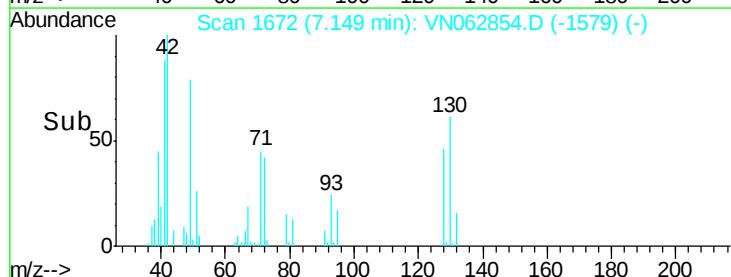
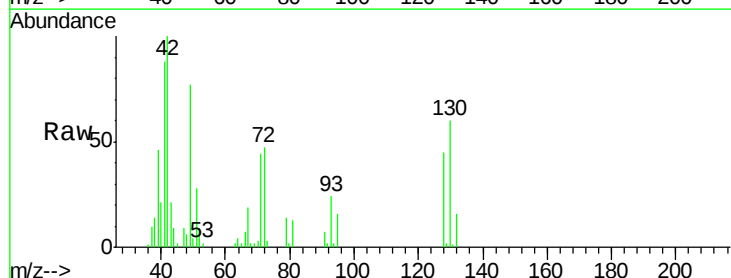
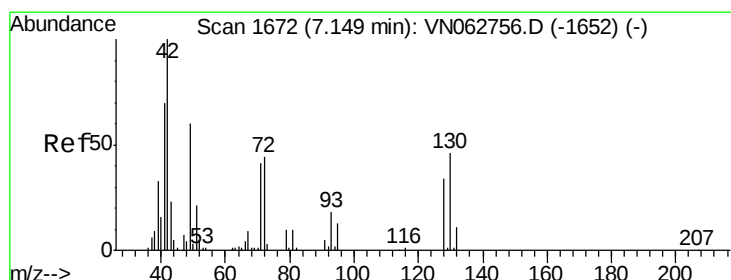
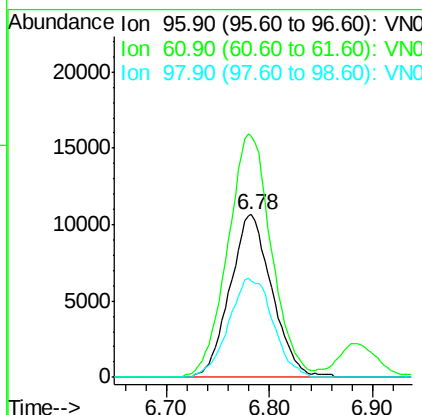
Acq: 12 Aug 2020 13:36

Tot Ion	Ratio	Resp	Lower	Upper
96	100	30235		
61	155.2		0.0	332.2
98	64.2		0.0	129.4

Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

Manual Integrations
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#28

Bromochloromethane

Concen: 17.053 ug/l

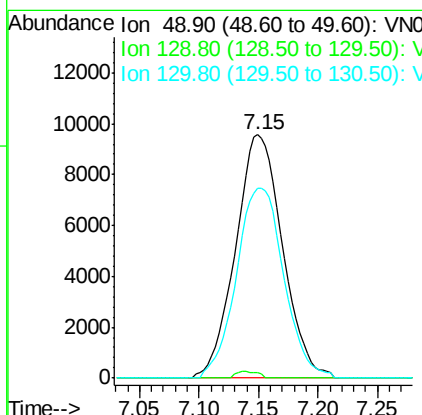
RT: 7.15 min Scan# 1672

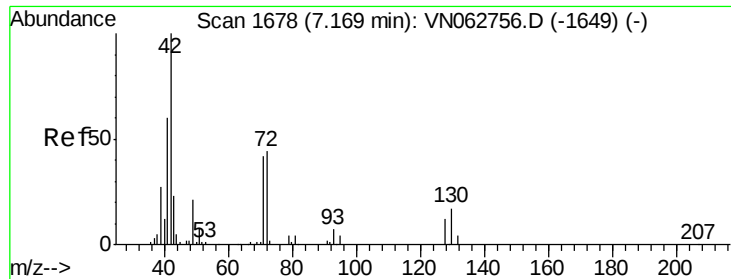
Delta R.T. -0.00 min

Lab File: VN062854.D

Acq: 12 Aug 2020 13:36

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	26153		
129	1.3		0.0	3.2
130	78.9		59.0	88.6





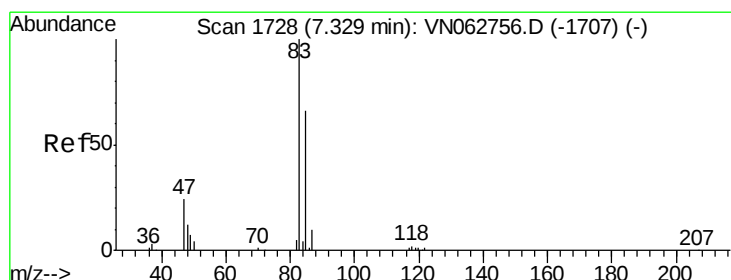
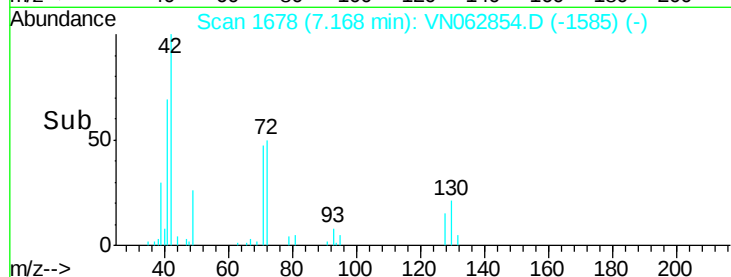
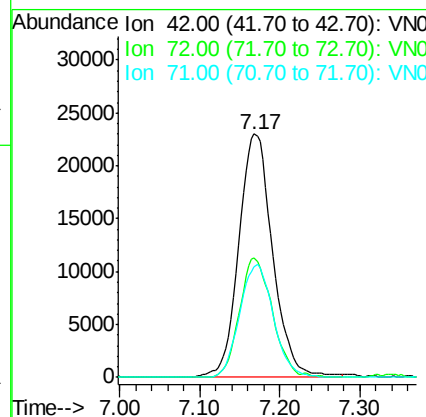
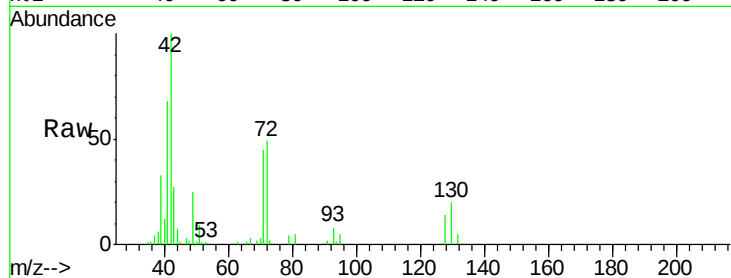
#29
Tetrahydrofuran
Concen: 82.400 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. -0.00 min
Lab File: VN062854.D
Acq: 12 Aug 2020 13:36

Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.8	35.0	52.4
71	46.0	33.2	49.8

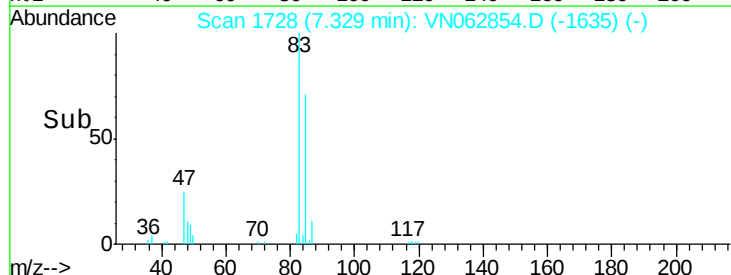
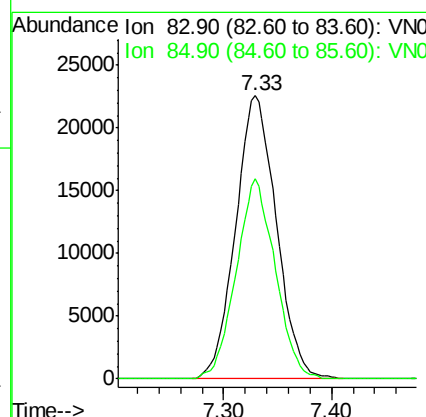
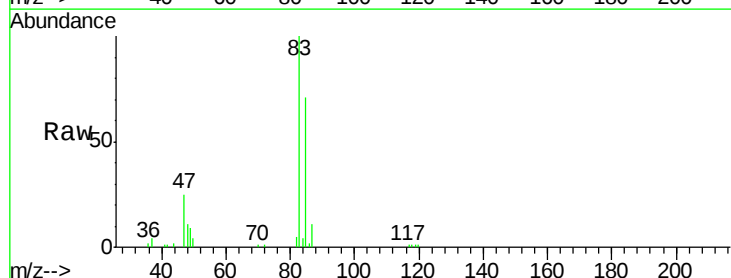
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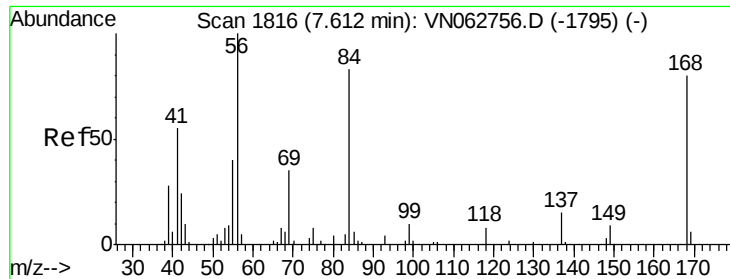
MMDadoda
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#30
Chloroform
Concen: 17.592 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. -0.00 min
Lab File: VN062854.D
Acq: 12 Aug 2020 13:36

Tgt Ion	Ratio	Lower	Upper
83	100		
85	70.6	52.7	79.1





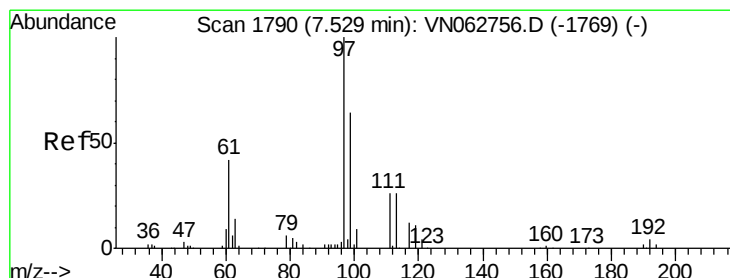
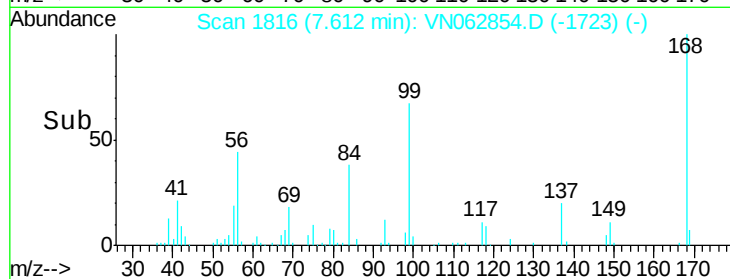
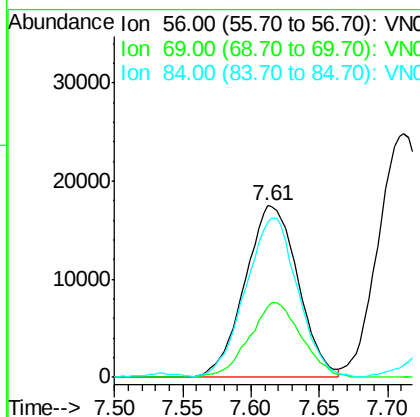
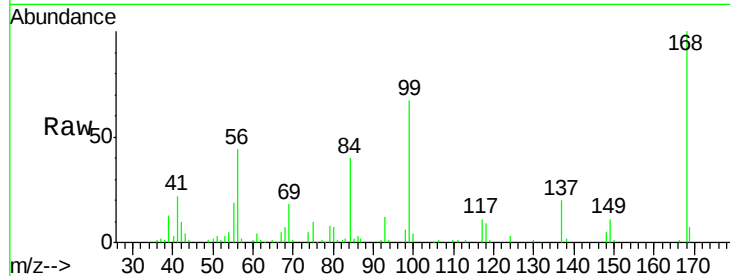
#31
Cyclohexane
Concen: 16.261 ug/l
RT: 7.61 min Scan# 1816
Delta R.T. -0.00 min
Lab File: VN062854.D
Acq: 12 Aug 2020 13:36

Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	41.6	28.1	42.1
84	89.7	66.8	100.2

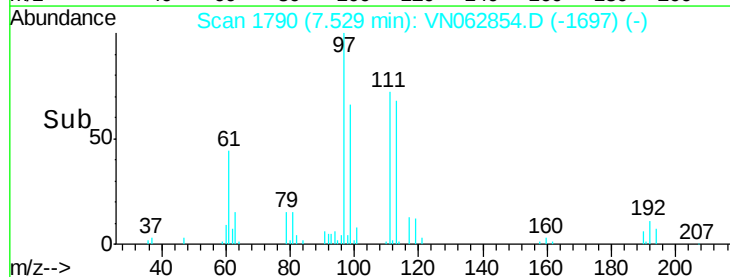
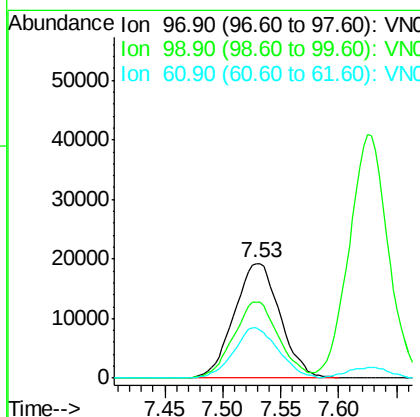
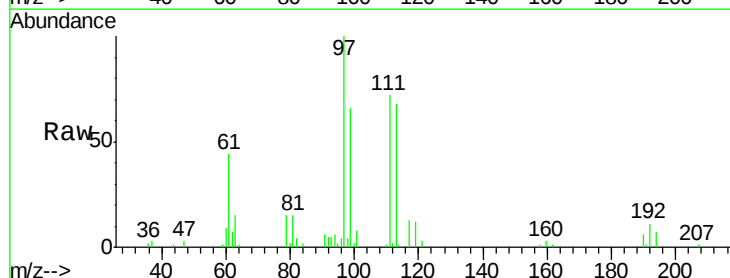
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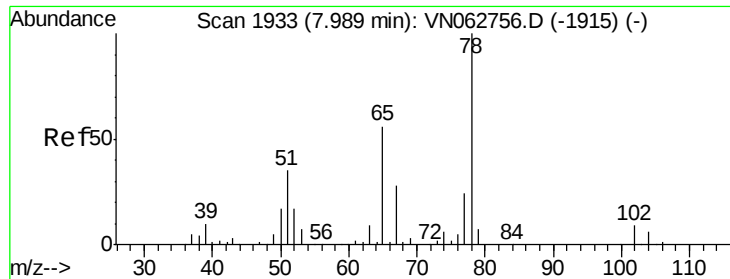
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 17.559 ug/l
RT: 7.53 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VN062854.D
Acq: 12 Aug 2020 13:36

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.3	50.0	75.0
61	42.7	34.8	52.2





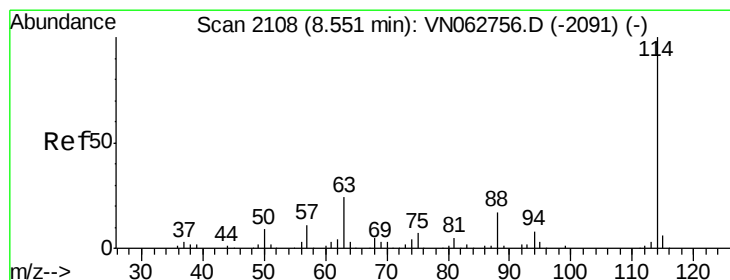
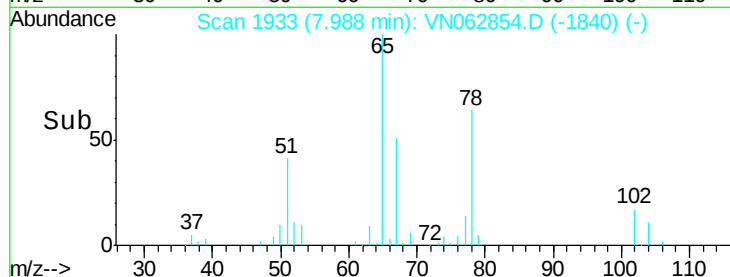
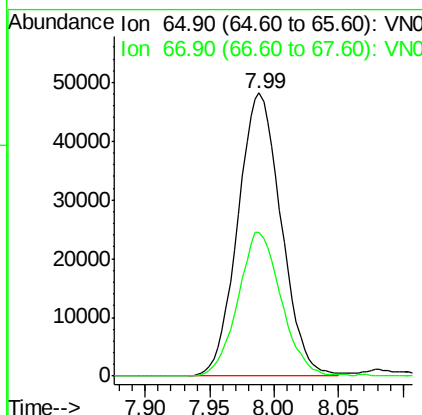
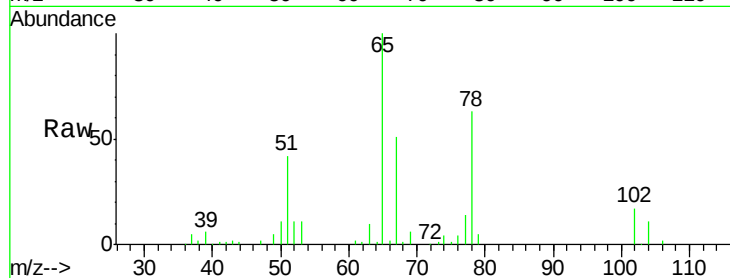
#33
 1,2-Dichloroethane-d4
 Concen: 46.800 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: VN062854.D
 Acq: 12 Aug 2020 13:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0812WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	112594		
67	50.7	0.0	101.4	

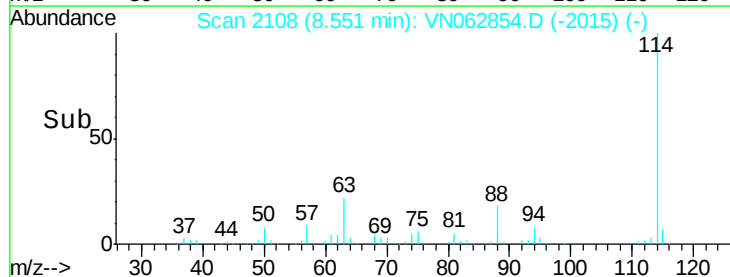
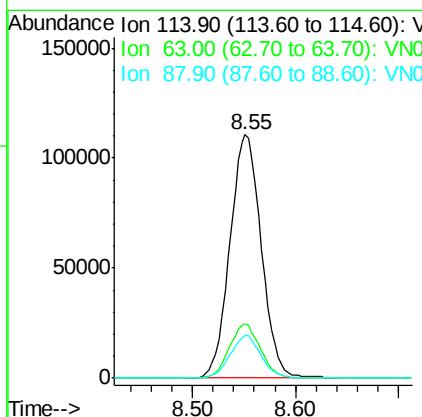
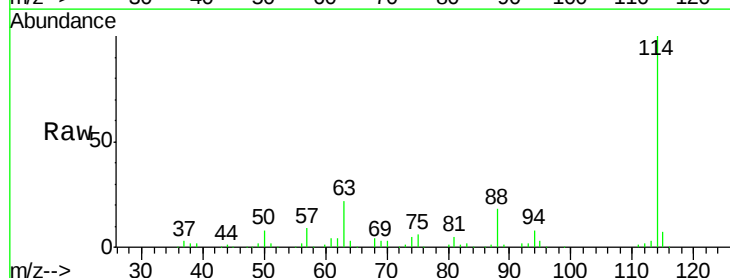
Manual Integrations
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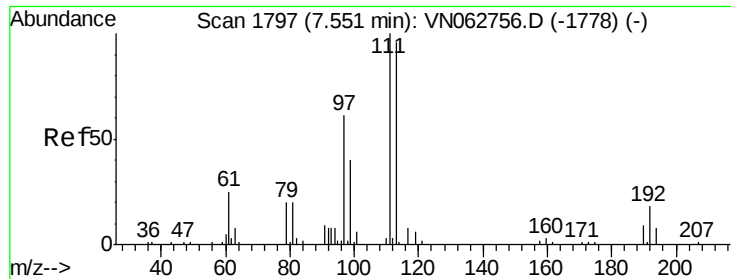
MMDadoda
 8/13/2020 10:57:01 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062854.D
 Acq: 12 Aug 2020 13:36

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	233972		
63	22.2	0.0	47.6	
88	17.7	0.0	34.4	





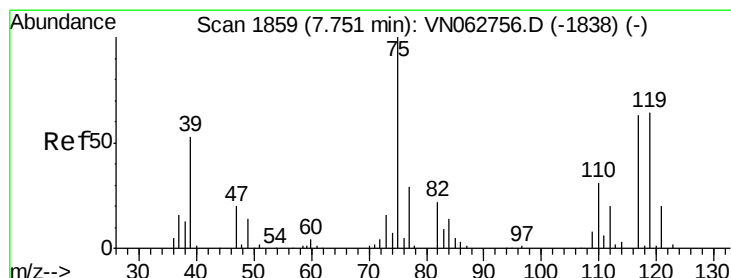
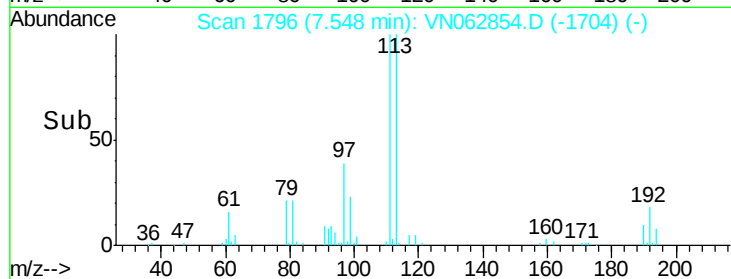
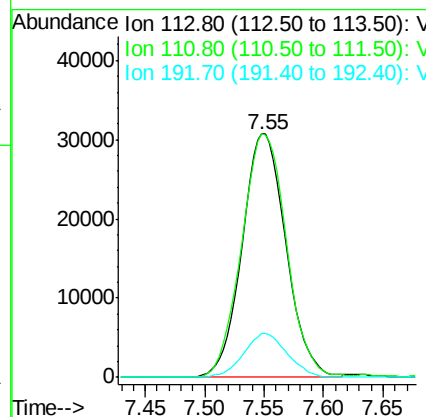
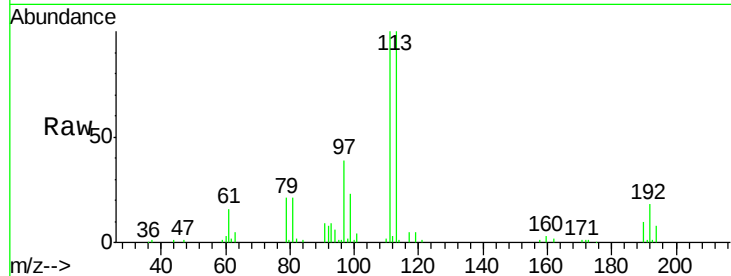
#35
 Dibromofluoromethane
 Concen: 49.006 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062854.D
 Acq: 12 Aug 2020 13:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0812WBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.8	122.6
192	17.8	15.0	22.4

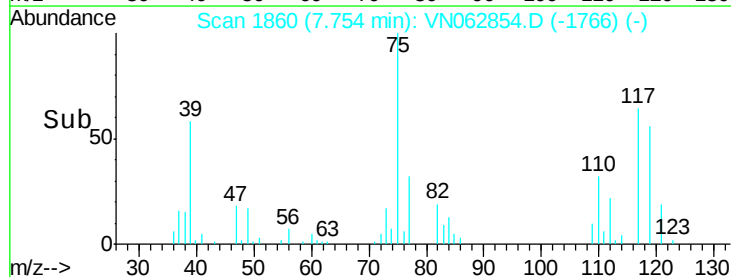
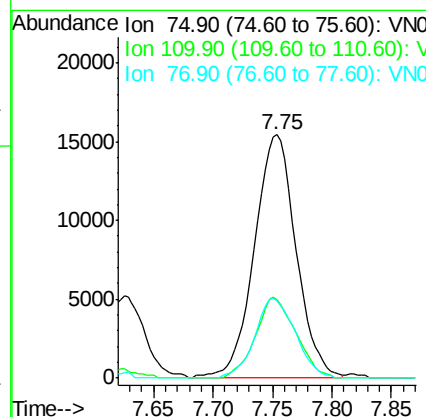
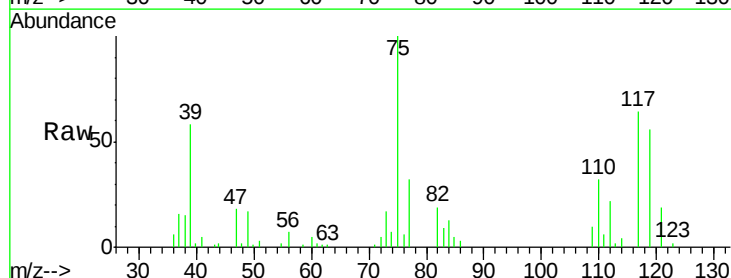
Manual Integrations
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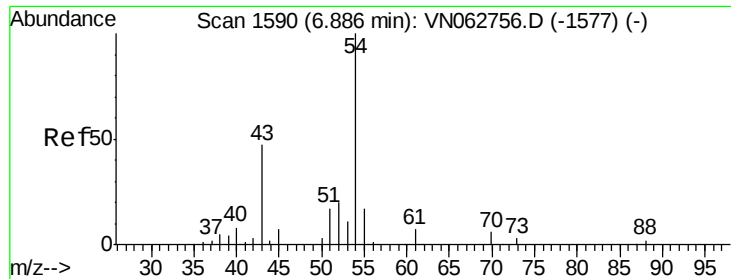
MMDadoda
 8/13/2020 10:57:01 AM



#36
 1,1-Dichloropropene
 Concen: 16.489 ug/l
 RT: 7.75 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VN062854.D
 Acq: 12 Aug 2020 13:36

Tgt Ion	Ratio	Lower	Upper
75	100		
110	31.9	15.6	46.7
77	31.8	24.1	36.1





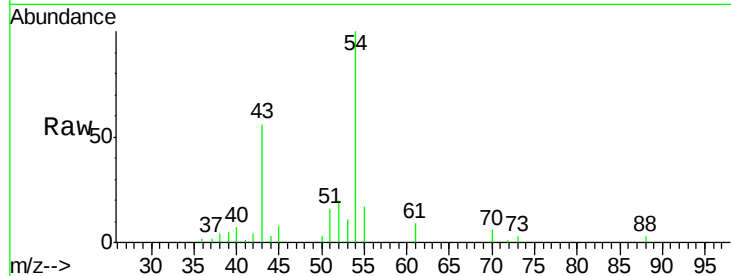
#37
Ethyl Acetate
Concen: 16.421 ug/l
RT: 6.89 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VN062854.D
Acq: 12 Aug 2020 13:36

Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.0	12.1	18.1
70	10.1	8.3	12.5

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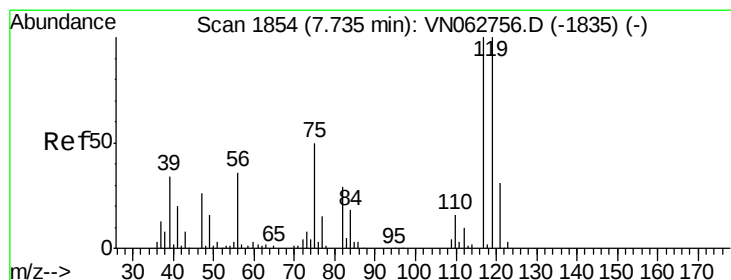
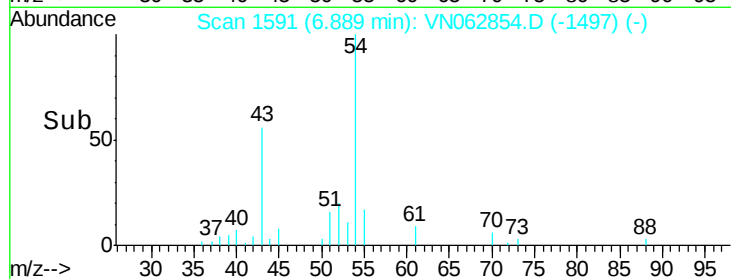
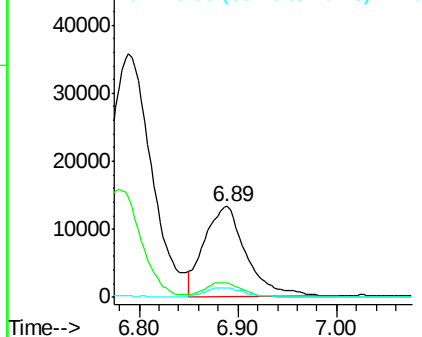


Abundance

Ion 43.00 (42.70 to 43.70): VN062756.D (-1577) (-)

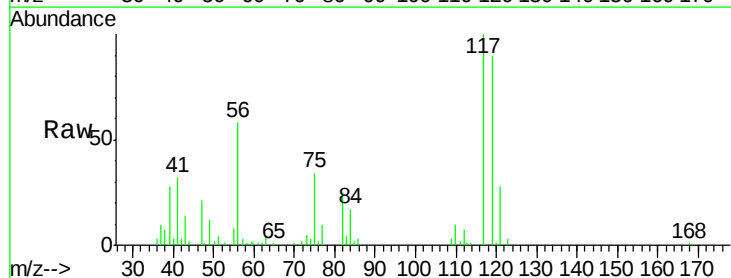
Ion 60.90 (60.60 to 61.60): VN062756.D (-1577) (-)

Ion 70.00 (69.70 to 70.70): VN062756.D (-1577) (-)



#38
Carbon Tetrachloride
Concen: 17.782 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062854.D
Acq: 12 Aug 2020 13:36

Tgt Ion	Ratio	Lower	Upper
117	100		
119	89.8	79.4	119.2
121	27.9	24.9	37.3

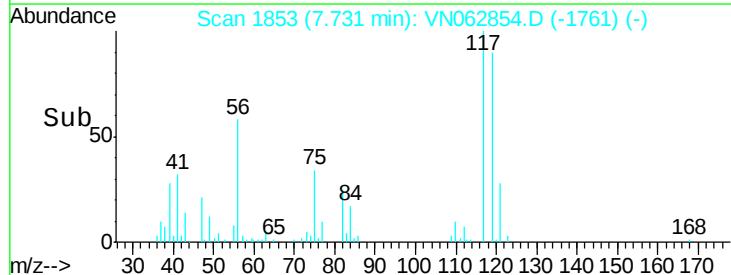
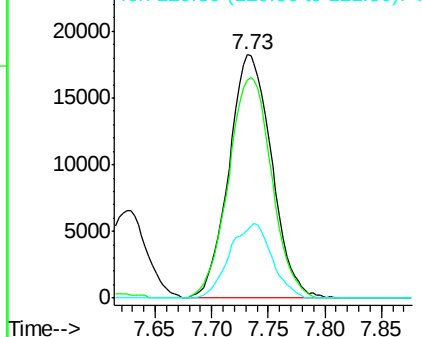


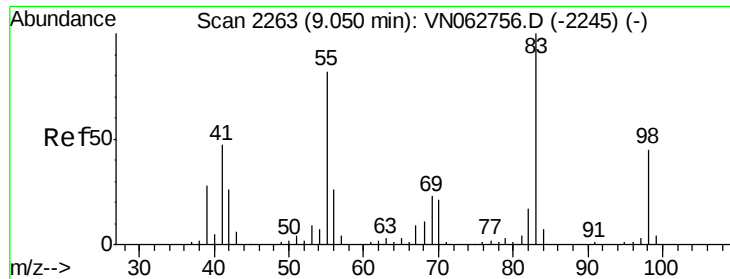
Abundance

Ion 116.80 (116.50 to 117.50): VN062756.D (-1835) (-)

Ion 118.80 (118.50 to 119.50): VN062756.D (-1835) (-)

Ion 120.80 (120.50 to 121.50): VN062756.D (-1835) (-)





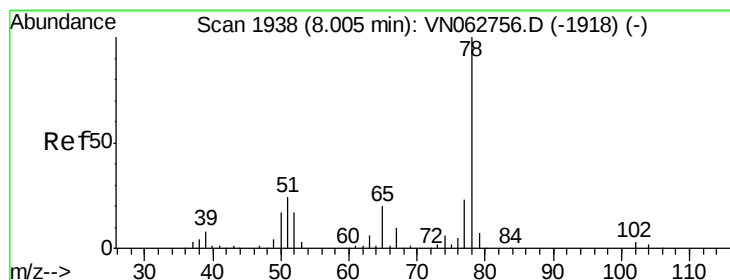
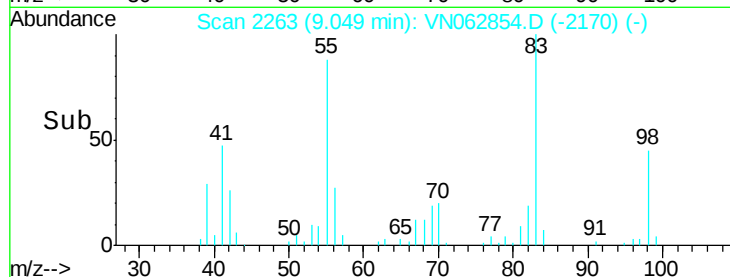
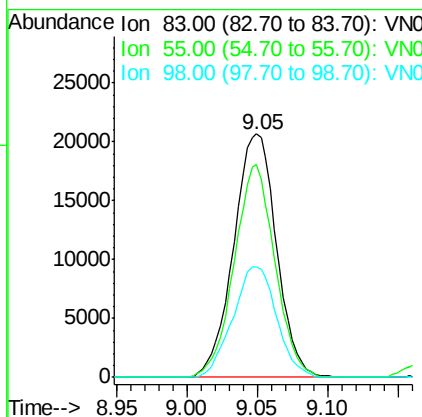
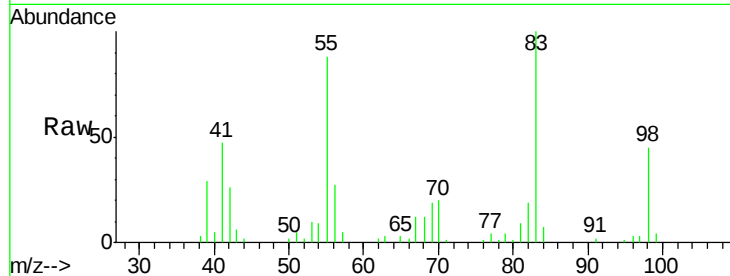
#39
Methvlcvclohexane
Concen: 16.046 ug/l
RT: 9.05 min Scan# 2263
Delta R.T. -0.00 min
Lab File: VN062854.D
Acq: 12 Aug 2020 13:36

Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	87.6	65.7	98.5
98	45.4	35.6	53.4

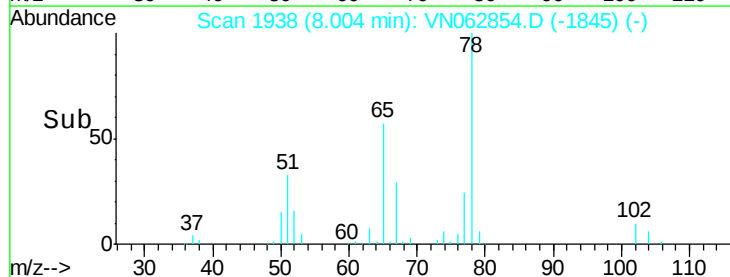
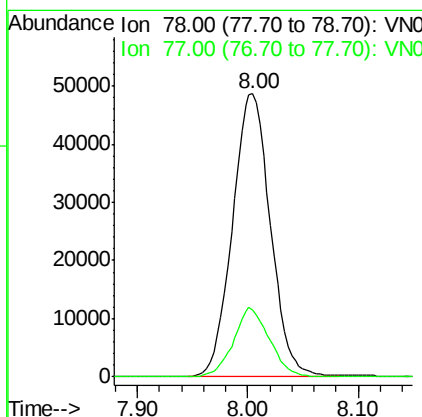
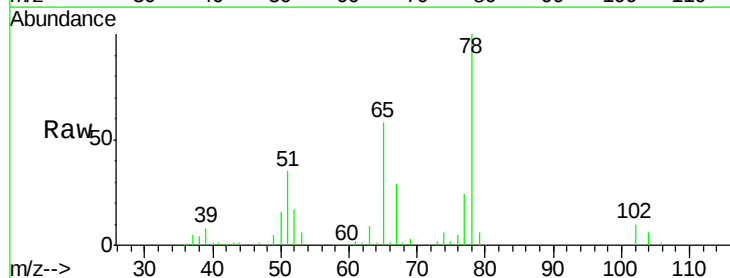
Manual Integrations
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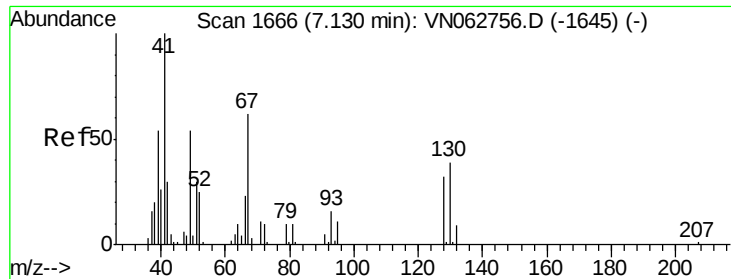
MMDadoda
8/13/2020 10:57:01 AM



#40
Benzene
Concen: 17.032 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. -0.00 min
Lab File: VN062854.D
Acq: 12 Aug 2020 13:36

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.1	27.1





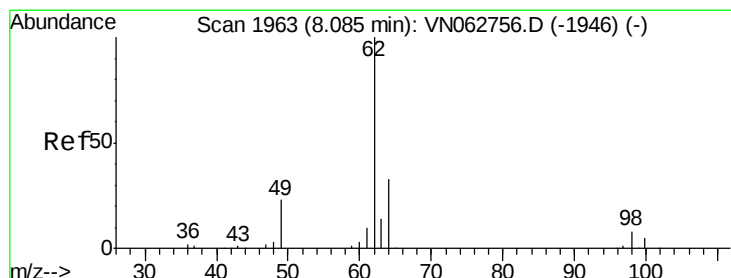
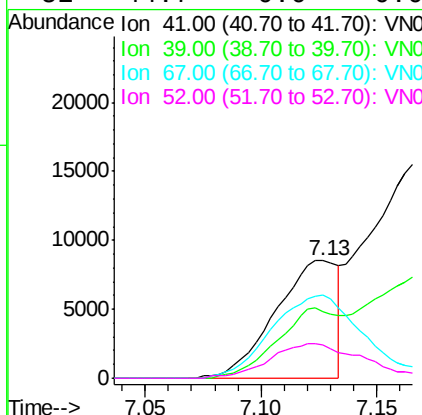
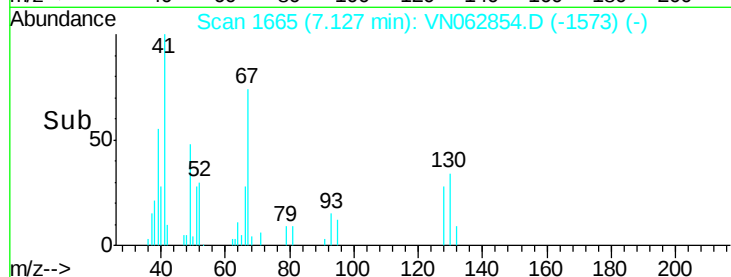
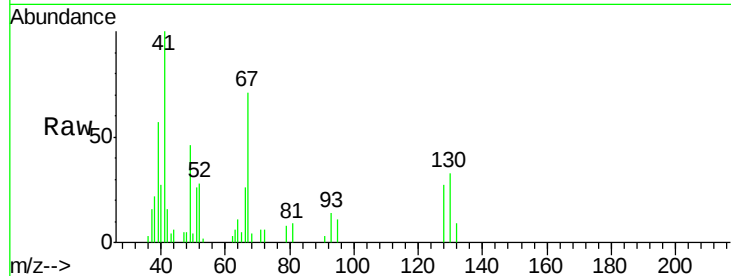
#41
Methacrylonitrile
Concen: 14.831 ug/l
RT: 7.13 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VN062854.D
Acq: 12 Aug 2020 13:36

Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	61.9	69.4	104.2#
67	106.0	0.0	0.0#
52	44.7	0.0	0.0#

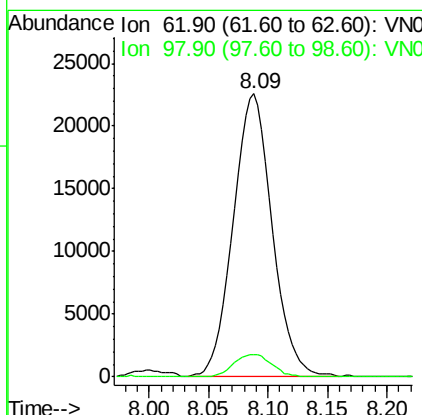
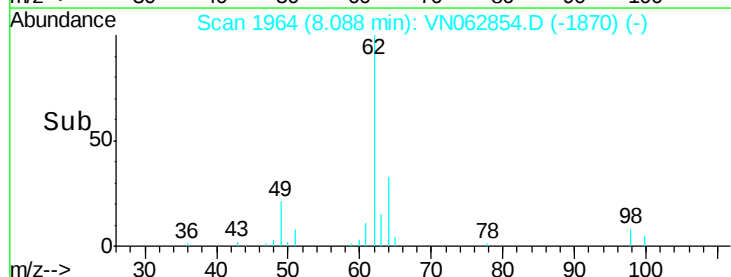
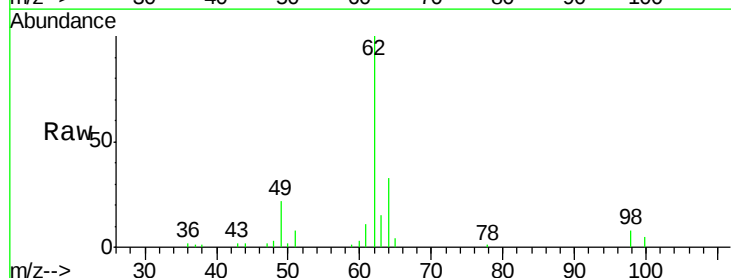
Manual Integrations
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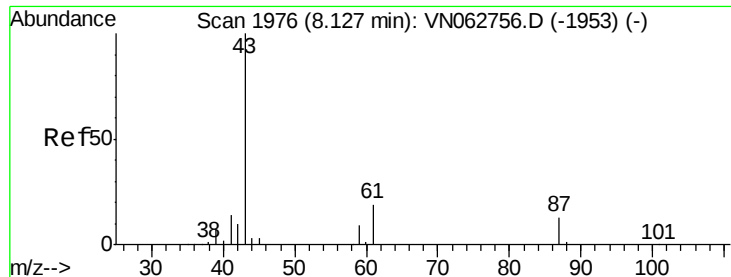
MMDadoda
8/13/2020 10:57:01 AM



#42
1,2-Dichloroethane
Concen: 17.744 ug/l
RT: 8.09 min Scan# 1964
Delta R.T. 0.00 min
Lab File: VN062854.D
Acq: 12 Aug 2020 13:36

Tgt Ion	Ratio	Lower	Upper
62	100		
98	7.7	0.0	15.8





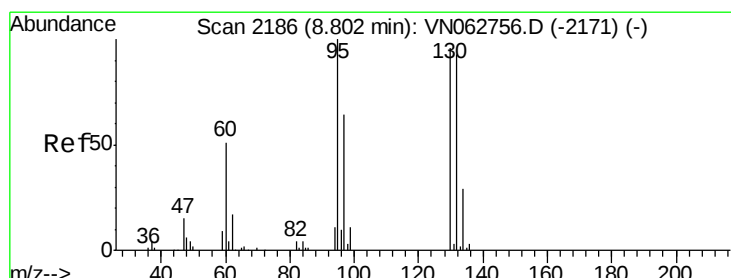
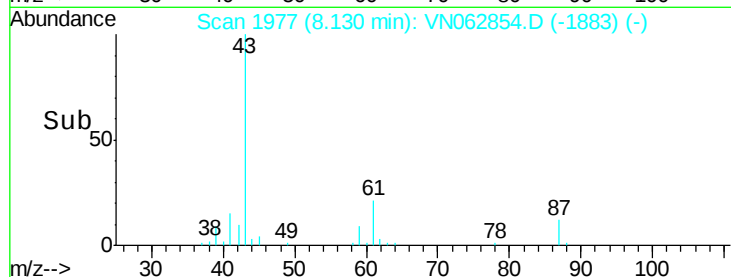
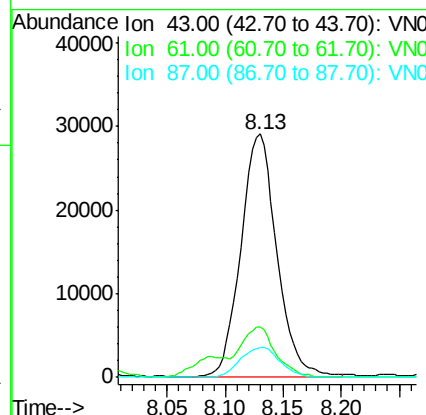
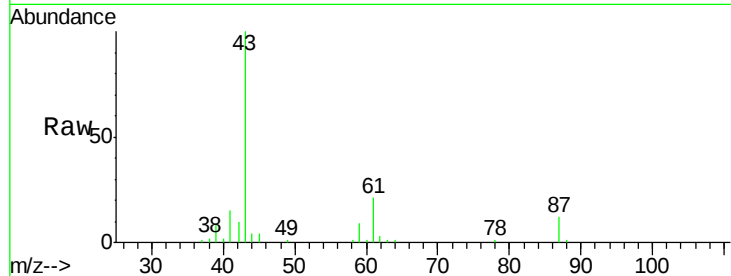
#43
Isopropyl Acetate
Concen: 15.863 ug/l
RT: 8.13 min Scan# 1977
Delta R.T. 0.00 min
Lab File: VN062854.D
Acq: 12 Aug 2020 13:36

Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.7	15.8	23.6
87	13.4	9.9	14.9

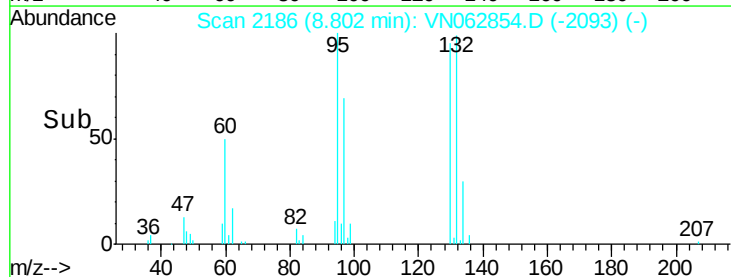
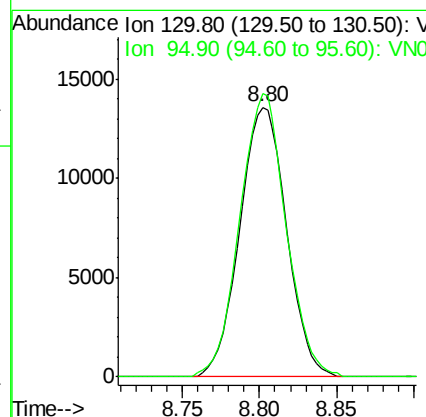
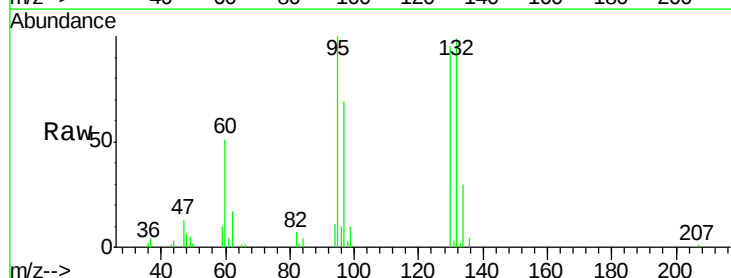
Manual Integrations
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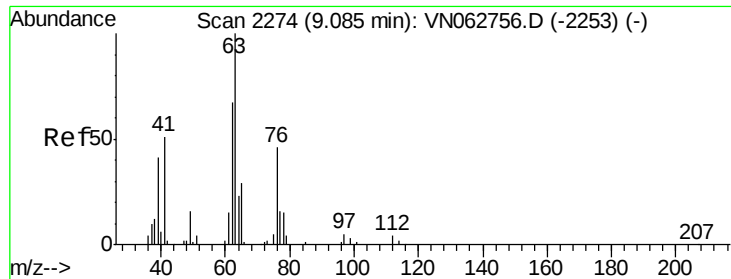
MMDadoda
8/13/2020 10:57:01 AM



#44
Trichloroethene
Concen: 17.233 ug/l
RT: 8.80 min Scan# 2186
Delta R.T. -0.00 min
Lab File: VN062854.D
Acq: 12 Aug 2020 13:36

Tgt Ion	Ratio	Lower	Upper
130	100		
95	104.9	0.0	207.6





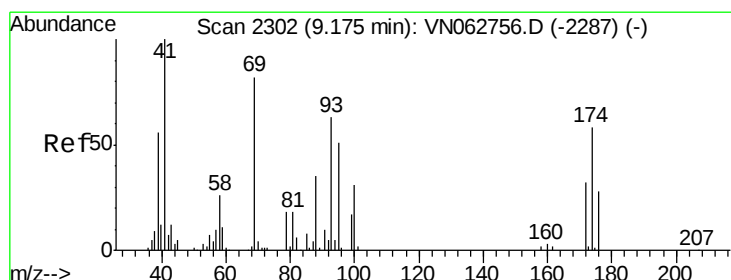
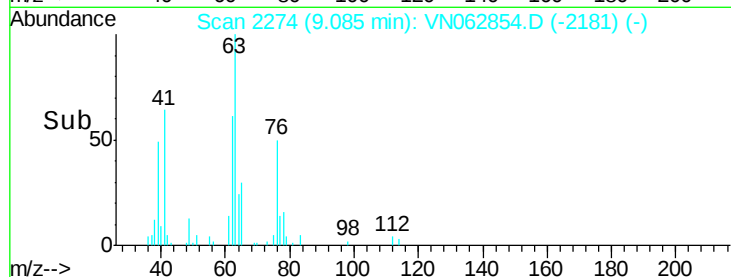
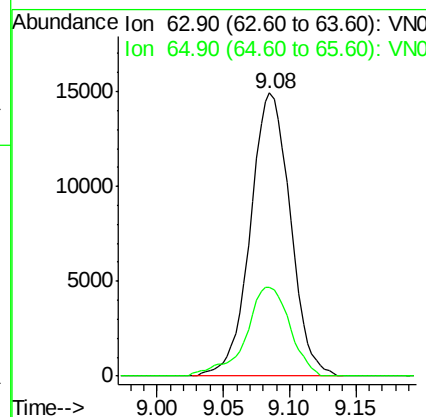
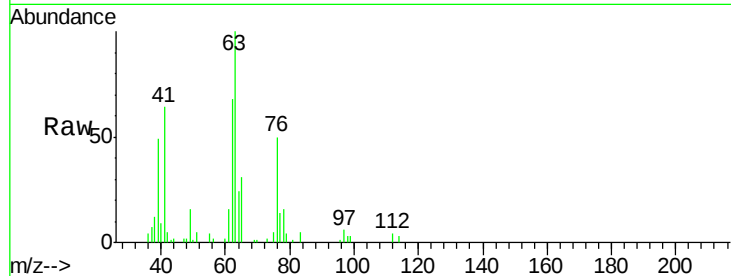
#45
 1,2-Dichloropropane
 Concen: 17.023 ug/l
 RT: 9.08 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN062854.D
 Acq: 12 Aug 2020 13:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0812WBS01

Tot Ion: 63 Resp: 31322
 Ion Ratio Lower Upper
 63 100
 65 31.5 23.5 35.3

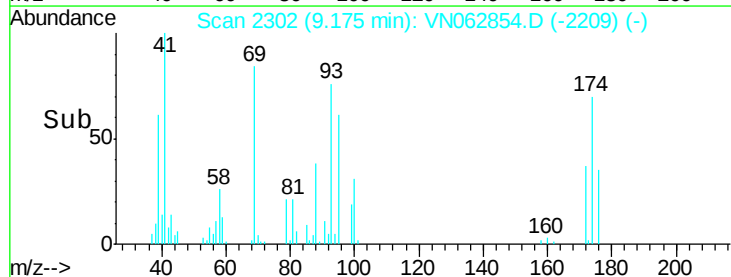
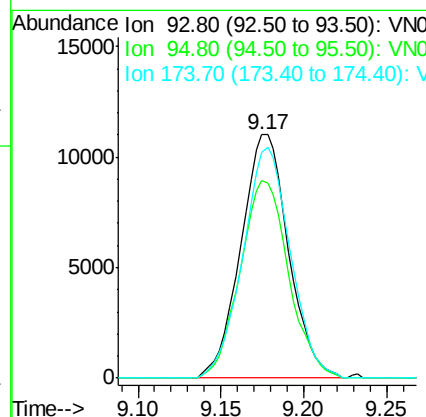
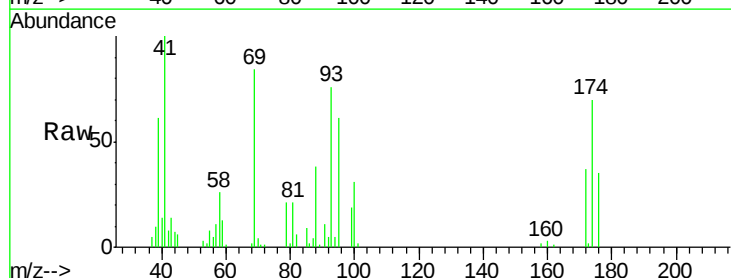
Manual Integrations
 APPROVED

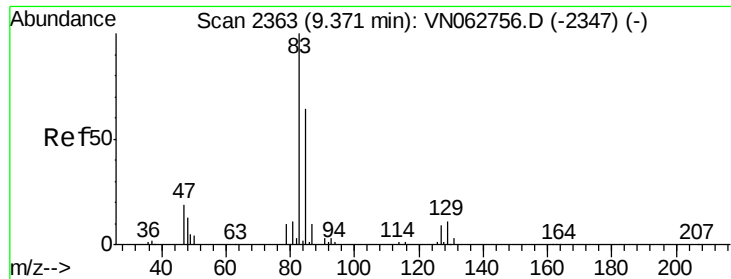
MMDadoda
 8/13/2020 10:57:01 AM



#46
 Dibromomethane
 Concen: 18.287 ug/l
 RT: 9.17 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN062854.D
 Acq: 12 Aug 2020 13:36

Tgt Ion: 93 Resp: 22046
 Ion Ratio Lower Upper
 93 100
 95 82.5 65.1 97.7
 174 94.4 73.9 110.9





#47

Bromodichloromethane

Concen: 17.780 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. -0.00 min

Lab File: VN062854.D

Acq: 12 Aug 2020 13:36

Instrument :

MSVOA_N

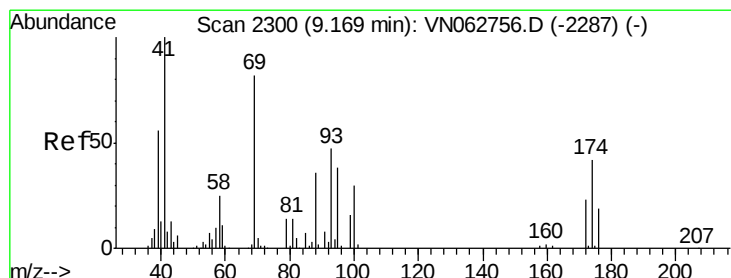
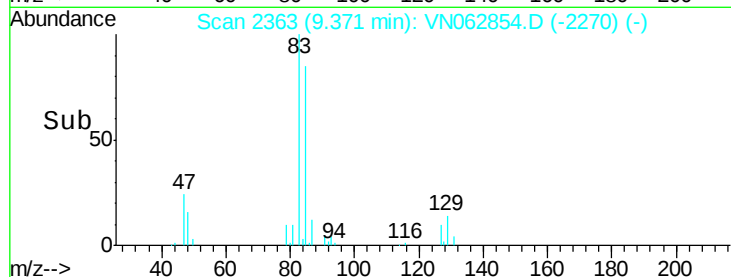
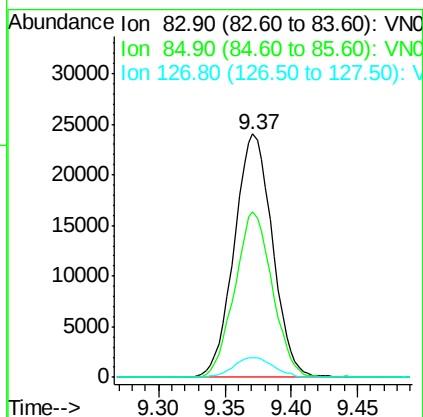
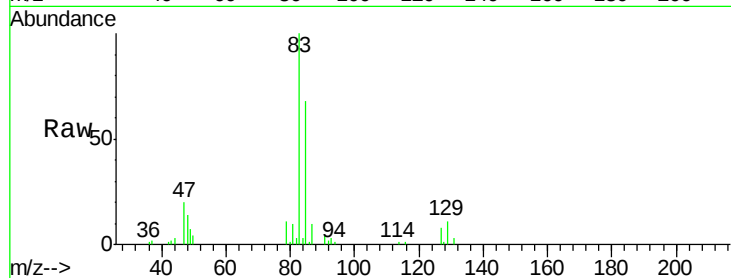
ClientSampled :

VN0812WBS01

Tot Ion:	83	Resp:	48142
Ion	Ratio	Lower	Upper
83	100		
85	67.7	51.4	77.0
127	8.1	6.9	10.3

Manual Integrations
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#48

Methyl methacrylate

Concen: 16.223 ug/l

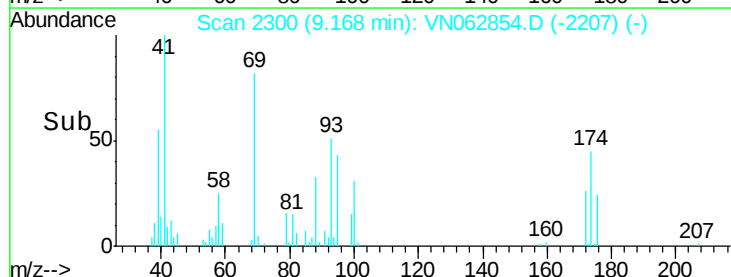
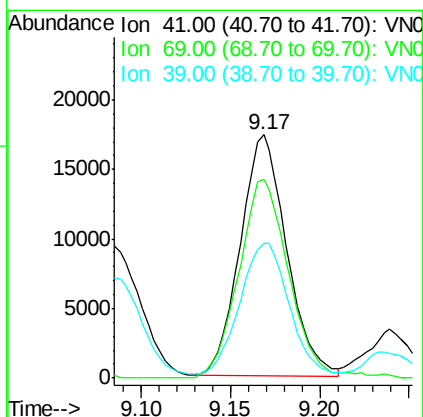
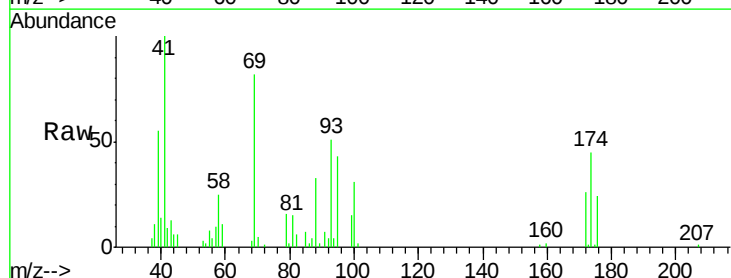
RT: 9.17 min Scan# 2300

Delta R.T. -0.00 min

Lab File: VN062854.D

Acq: 12 Aug 2020 13:36

Tgt Ion:	41	Resp:	31675
Ion	Ratio	Lower	Upper
41	100		
69	88.1	67.4	101.2
39	60.7	47.6	71.4





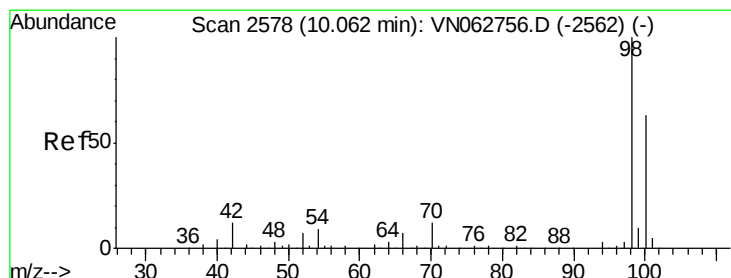
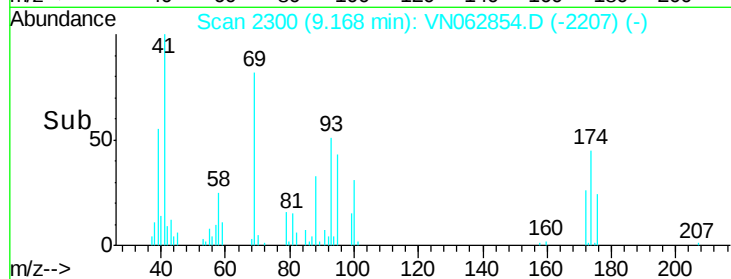
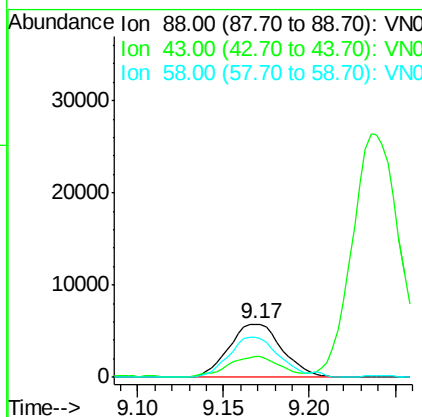
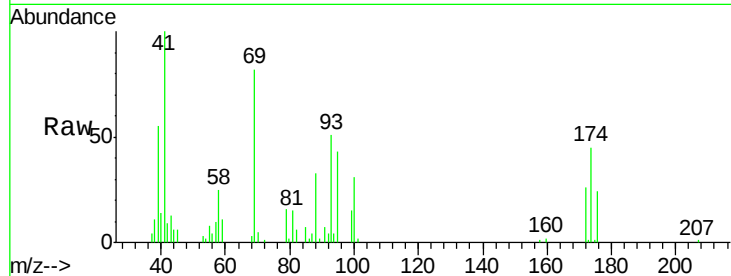
#49
1,4-Dioxane
Concen: 342.478 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. -0.00 min
Lab File: VN062854.D
Acq: 12 Aug 2020 13:36

Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

Tot Ion	Ratio	Resp	Lower	Upper
88	100	12390		
43	39.3		29.5	44.3
58	72.9		59.8	89.8

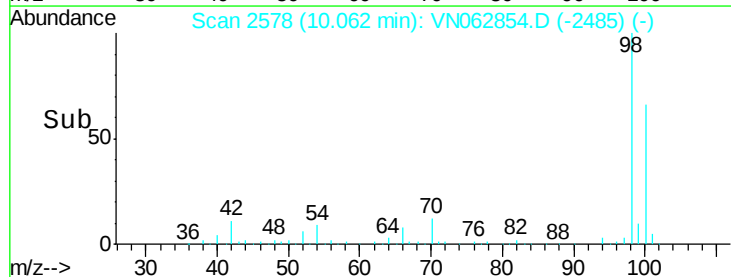
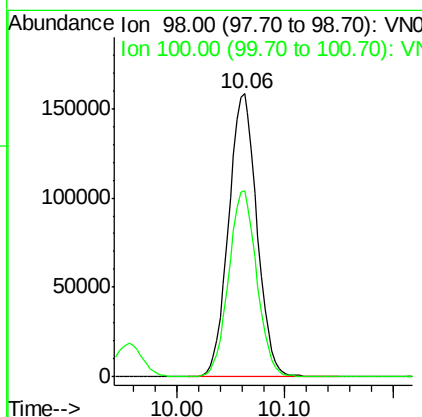
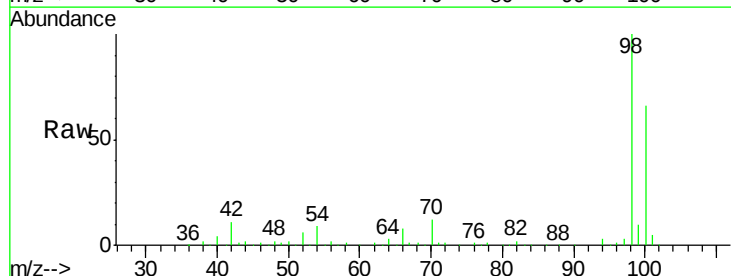
Manual Integrations
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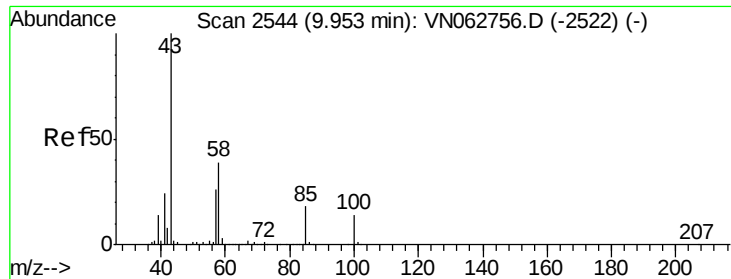
MMDadoda
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#50
Toluene-d8
Concen: 46.264 ug/l
RT: 10.06 min Scan# 2578
Delta R.T. -0.00 min
Lab File: VN062854.D
Acq: 12 Aug 2020 13:36

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	289082		
100	65.2		50.9	76.3





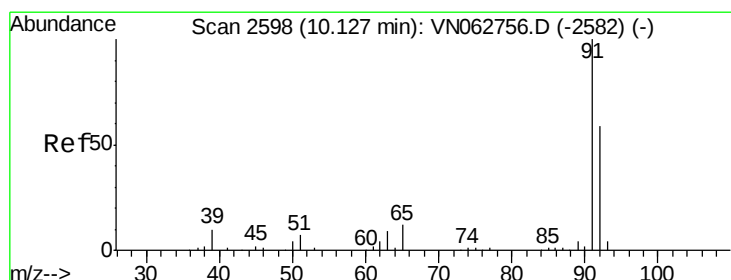
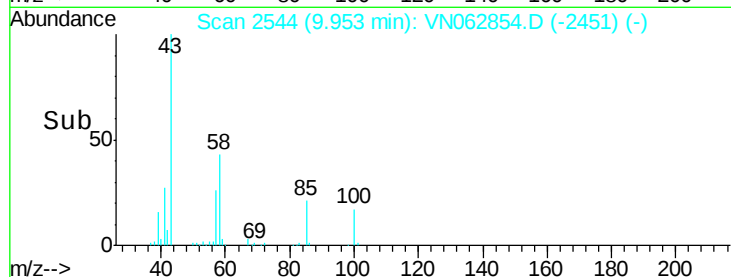
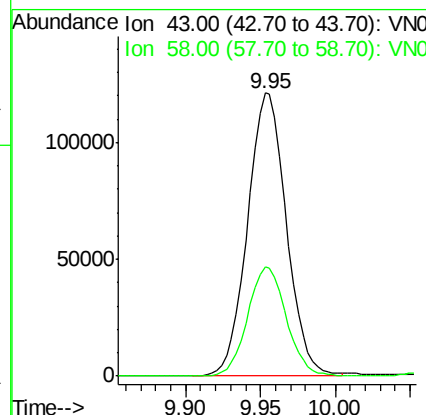
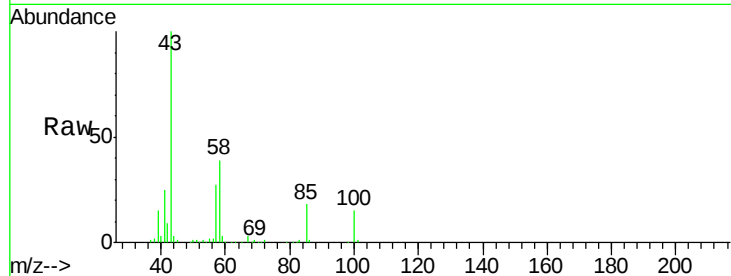
#51
4-Methyl-2-Pentanone
Concen: 85.167 ug/l
RT: 9.95 min Scan# 2544
Delta R.T. -0.00 min
Lab File: VN062854.D
Acq: 12 Aug 2020 13:36

Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

Tot Ion	43	Resp	218734
Ion Ratio	43	100	
Lower	58	38.6	31.1
Upper			46.7

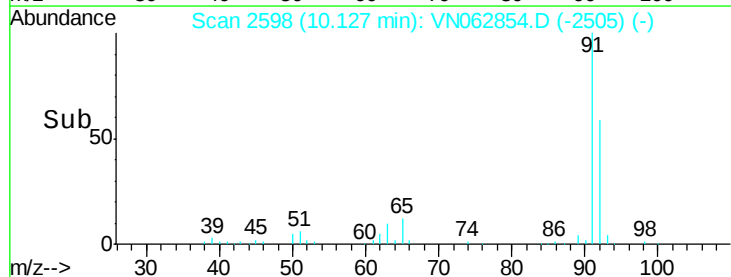
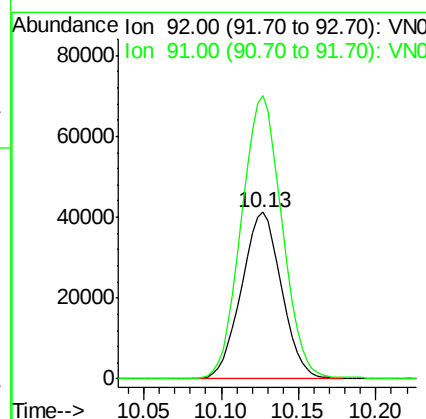
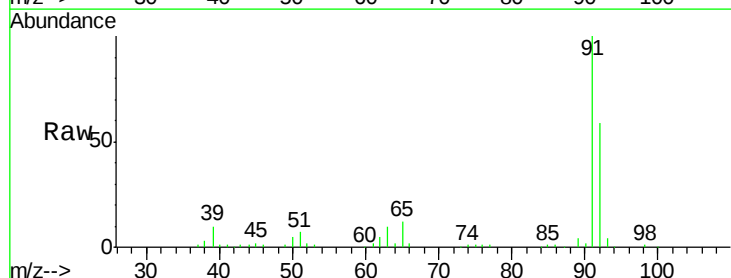
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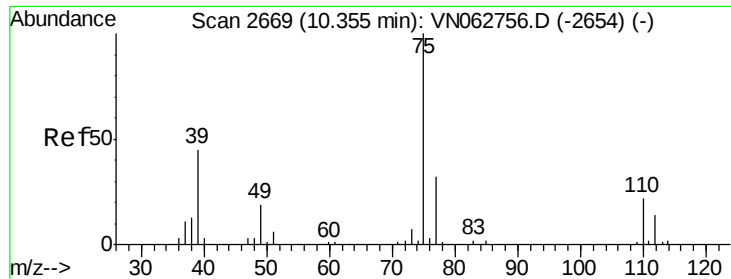
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#52
Toluene
Concen: 17.663 ug/l
RT: 10.13 min Scan# 2598
Delta R.T. -0.00 min
Lab File: VN062854.D
Acq: 12 Aug 2020 13:36

Tgt Ion	92	Resp	74138
Ion Ratio	92	100	
Lower	91	172.5	138.9
Upper			208.3





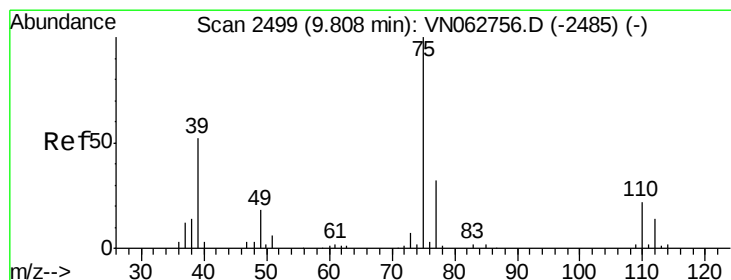
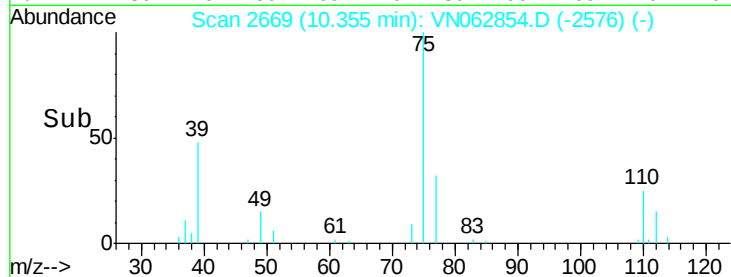
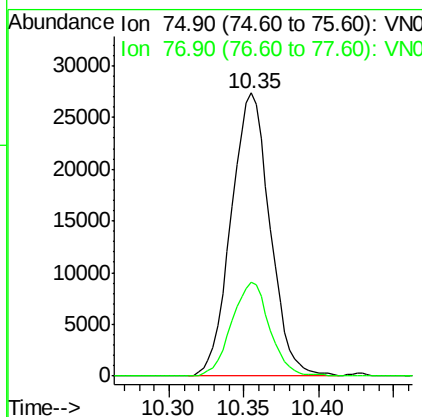
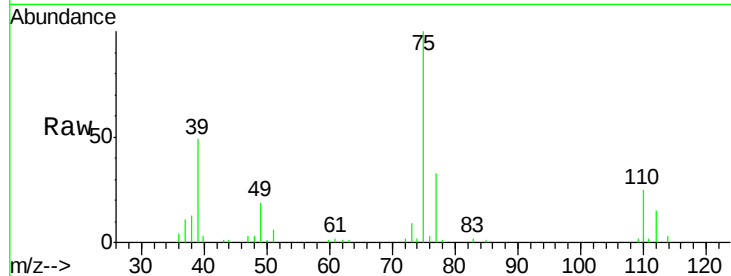
#53
 t-1,3-Dichloropropene
 Concen: 16.635 ug/l
 RT: 10.35 min Scan# 2669
 Delta R.T. -0.00 min
 Lab File: VN062854.D
 Acq: 12 Aug 2020 13:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0812WBS01

Tot Ion: 75 Resp: 49545
 Ion Ratio Lower Upper
 75 100
 77 33.0 25.4 38.2

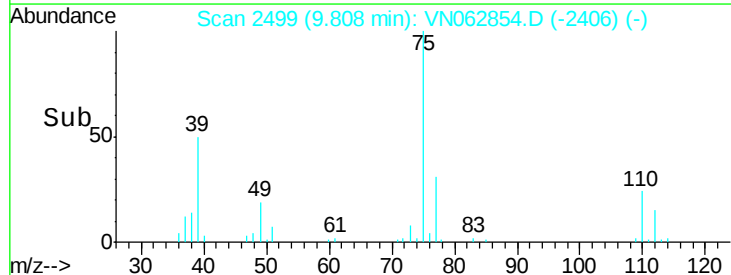
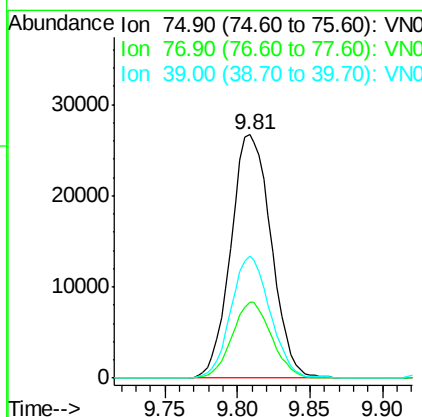
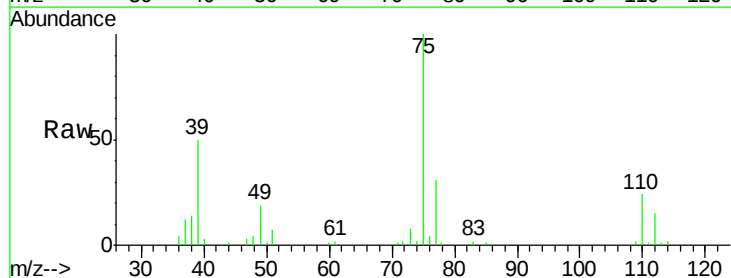
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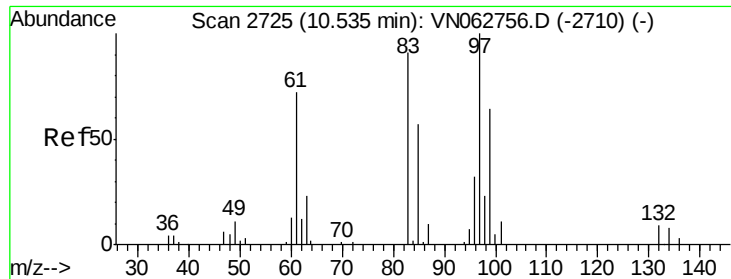
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#54
 cis-1,3-Dichloropropene
 Concen: 17.248 ug/l
 RT: 9.81 min Scan# 2499
 Delta R.T. -0.00 min
 Lab File: VN062854.D
 Acq: 12 Aug 2020 13:36

Tgt Ion: 75 Resp: 51577
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.5 38.3
 39 49.9 41.9 62.9





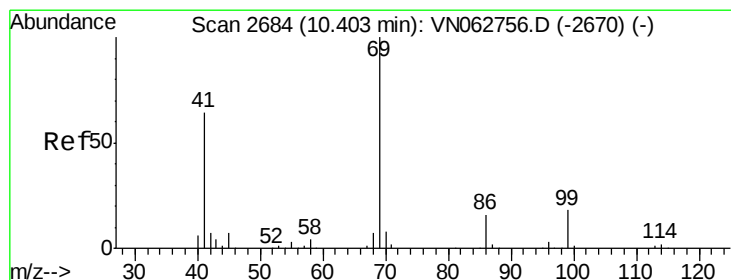
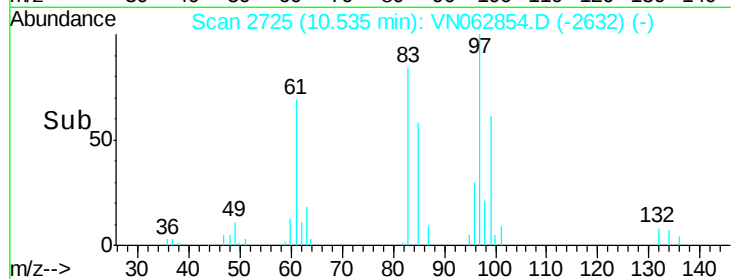
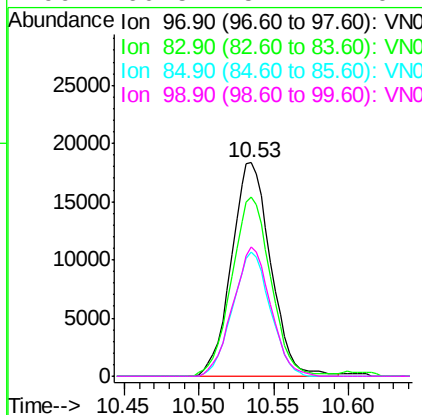
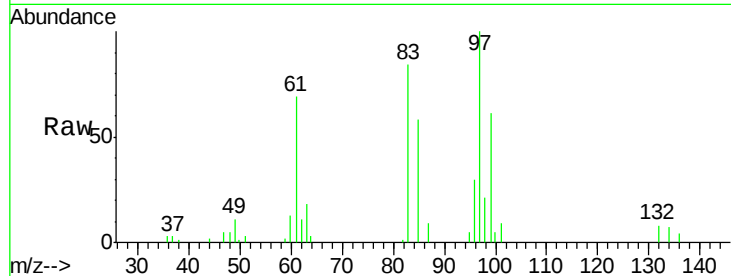
#55
 1,1,2-Trichloroethane
 Concen: 18.695 ug/l
 RT: 10.53 min Scan# 2725
 Delta R.T. -0.00 min
 Lab File: VN062854.D
 Acq: 12 Aug 2020 13:36

Instrument :
 MSVOA_N
 ClientSampled :
 VN0812WBS01

Tot Ion:	97	Resp:	33515
Ion	Ratio	Lower	Upper
97	100		
83	84.1	72.6	108.8
85	57.9	46.0	69.0
99	60.5	51.1	76.7

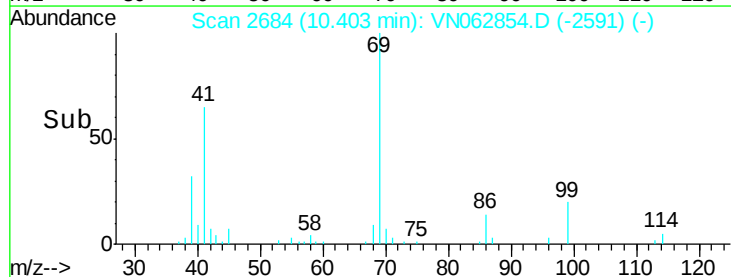
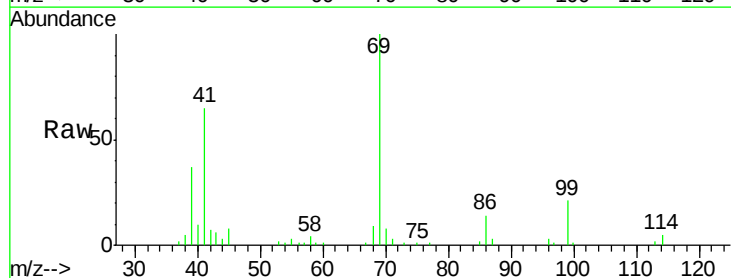
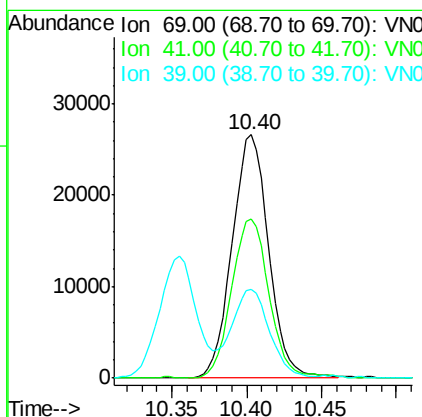
Manual Integrations
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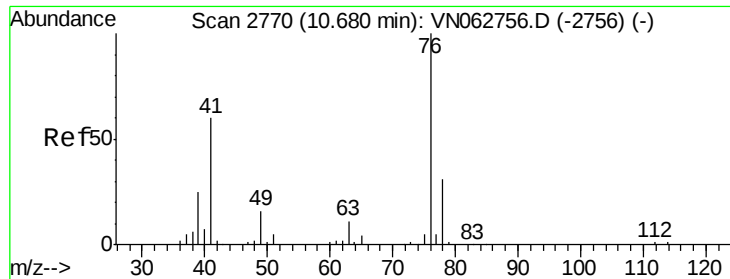
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#56
 Ethyl methacrylate
 Concen: 16.796 ug/l
 RT: 10.40 min Scan# 2684
 Delta R.T. -0.00 min
 Lab File: VN062854.D
 Acq: 12 Aug 2020 13:36

Tgt Ion:	69	Resp:	45320
Ion	Ratio	Lower	Upper
69	100		
41	67.2	52.2	78.2
39	35.9	30.9	46.3





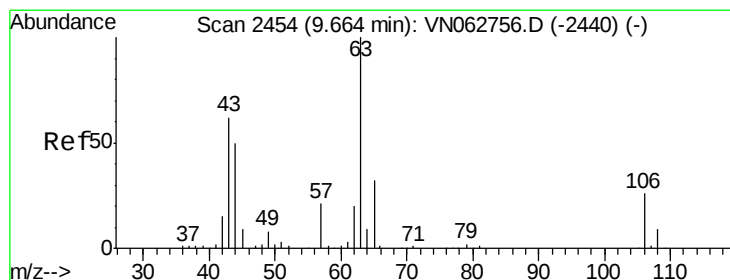
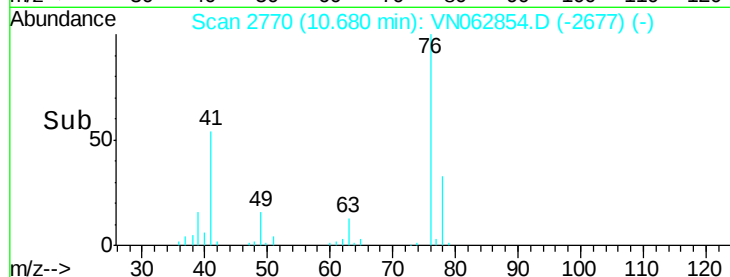
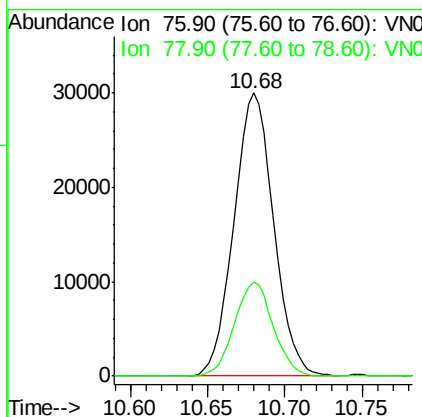
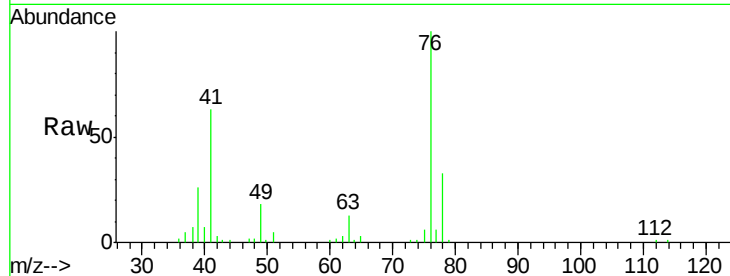
#57
 1,3-Dichloropropane
 Concen: 17.567 ug/l
 RT: 10.68 min Scan# 2770
 Delta R.T. -0.00 min
 Lab File: VN062854.D
 Acq: 12 Aug 2020 13:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0812WBS01

Tot Ion: 76 Resp: 53509
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.4 38.0

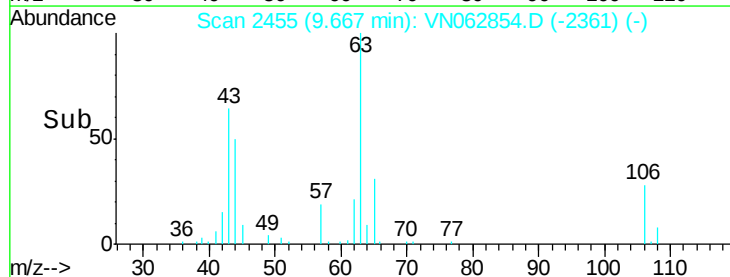
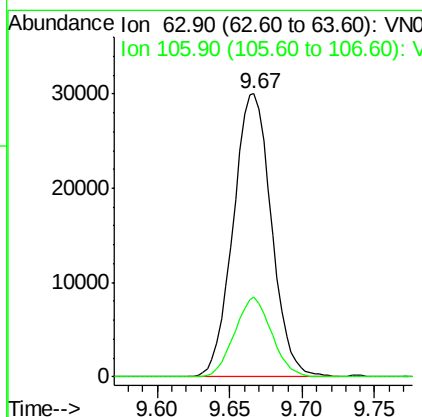
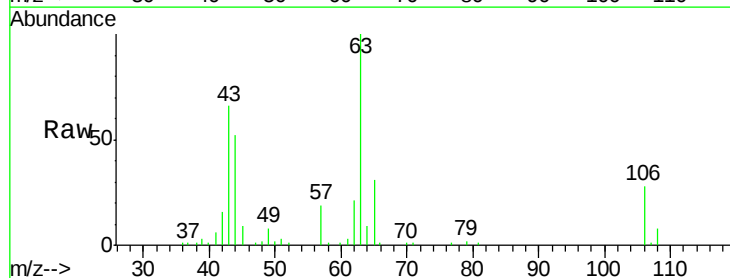
Manual Integrations
 APPROVED

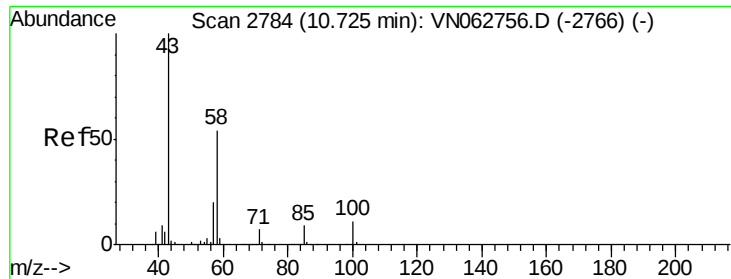
MMDadoda
 8/13/2020 10:57:01 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 71.958 ug/l
 RT: 9.67 min Scan# 2455
 Delta R.T. 0.00 min
 Lab File: VN062854.D
 Acq: 12 Aug 2020 13:36

Tgt Ion: 63 Resp: 54884
 Ion Ratio Lower Upper
 63 100
 106 27.1 20.9 31.3





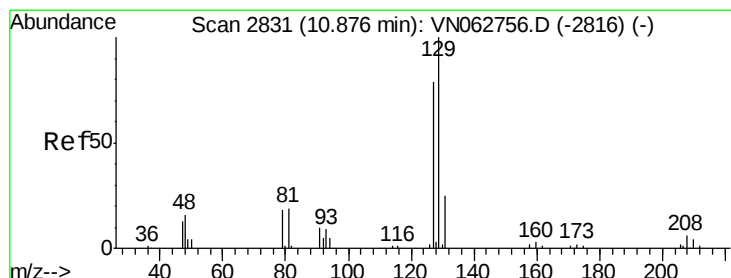
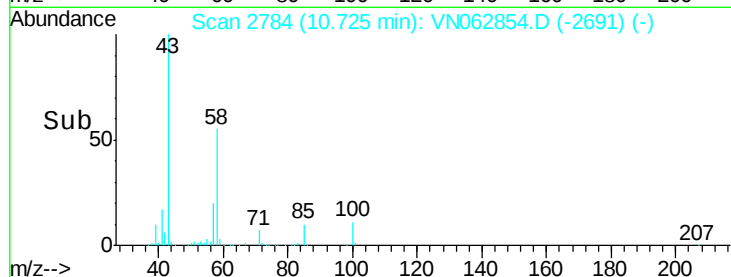
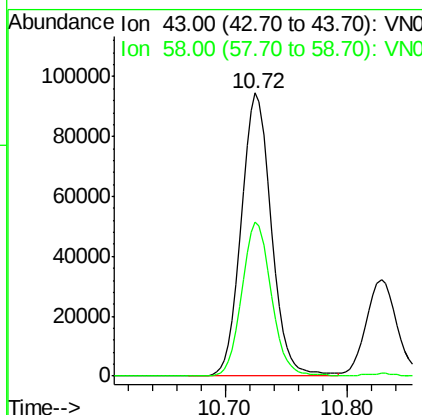
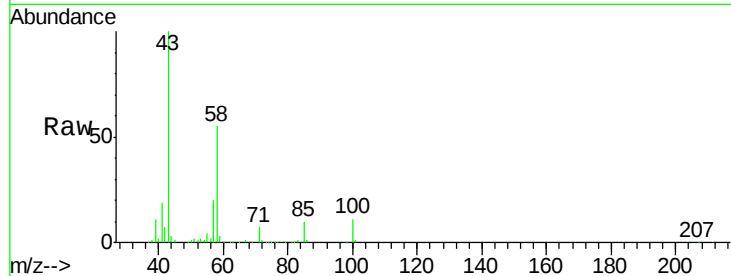
#59
2-Hexanone
Concen: 83.797 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. -0.00 min
Lab File: VN062854.D
Acq: 12 Aug 2020 13:36

Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

Tot Ion: 43 Resp: 160538
Ion Ratio Lower Upper
43 100
58 53.3 26.7 80.1

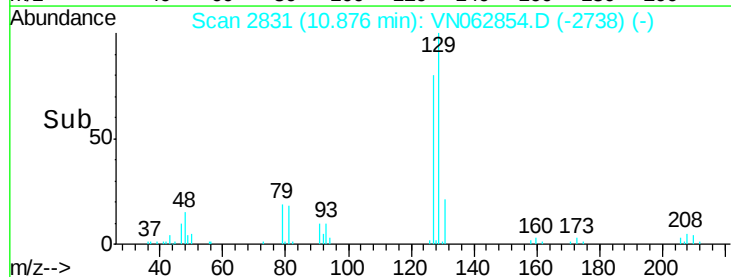
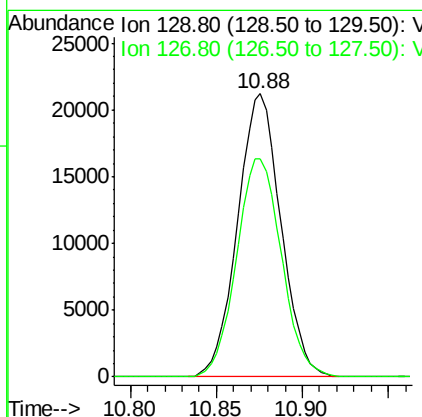
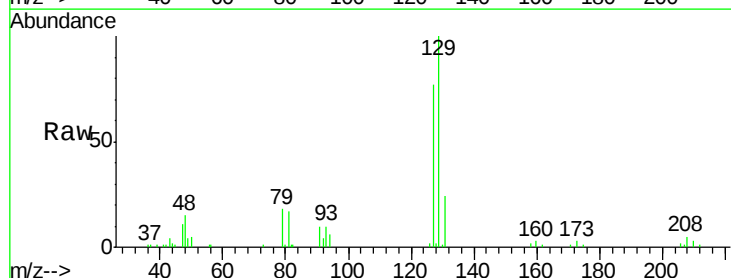
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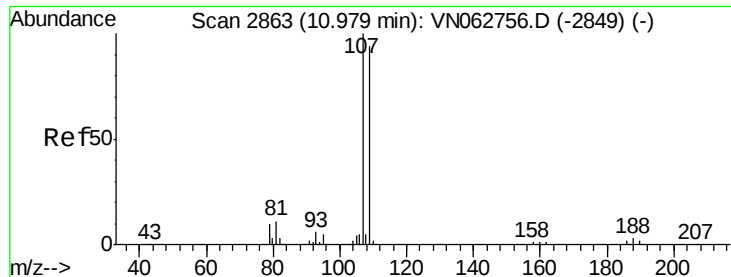
MMDadoda
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#60
Dibromochloromethane
Concen: 18.177 ug/l
RT: 10.88 min Scan# 2831
Delta R.T. -0.00 min
Lab File: VN062854.D
Acq: 12 Aug 2020 13:36

Tgt Ion: 129 Resp: 37185
Ion Ratio Lower Upper
129 100
127 79.8 39.1 117.2





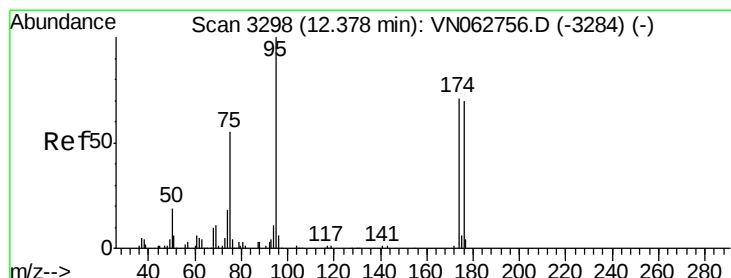
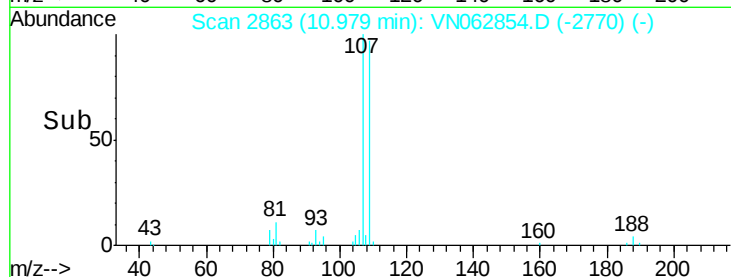
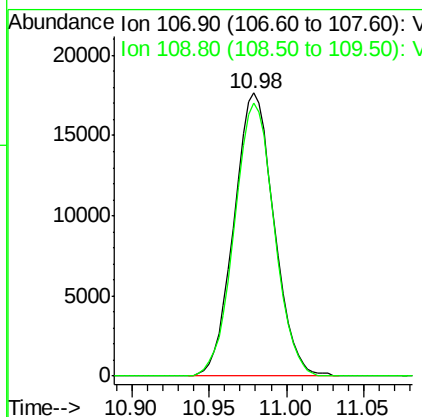
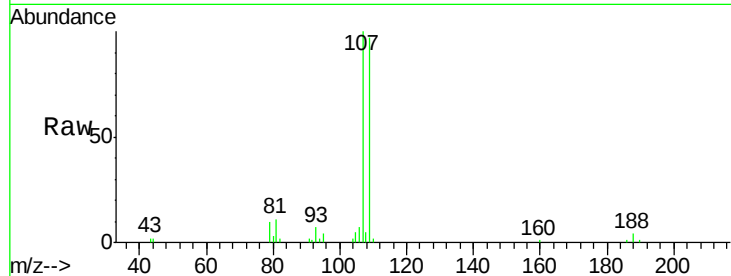
#61
 1,2-Dibromoethane
 Concen: 17.979 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. -0.00 min
 Lab File: VN062854.D
 Acq: 12 Aug 2020 13:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0812WBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.7	76.1	114.1

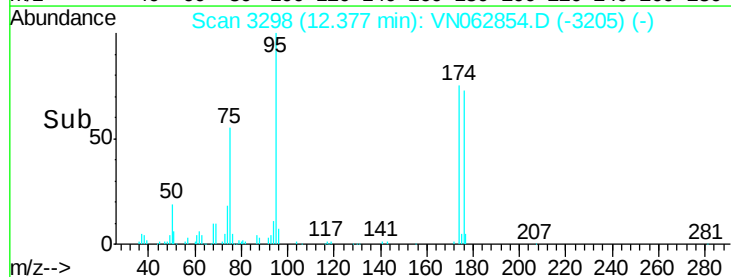
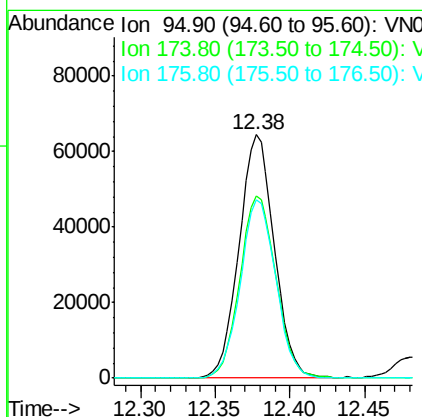
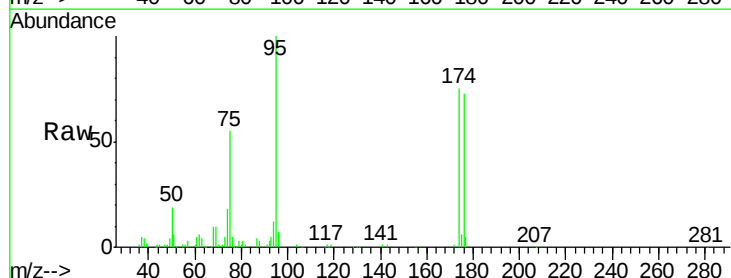
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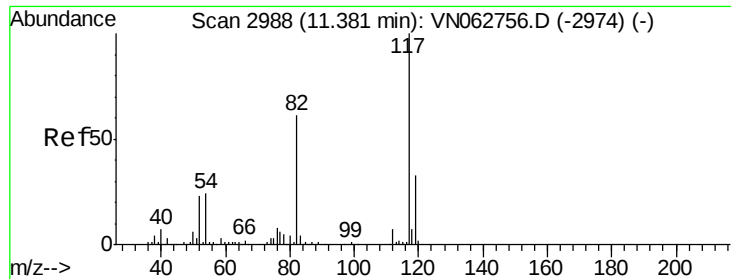
MMDadoda
 8/13/2020 10:57:01 AM



#62
 4-Bromofluorobenzene
 Concen: 44.802 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN062854.D
 Acq: 12 Aug 2020 13:36

Tgt Ion	Ratio	Lower	Upper
95	100		
174	76.6	0.0	144.8
176	73.9	0.0	142.2





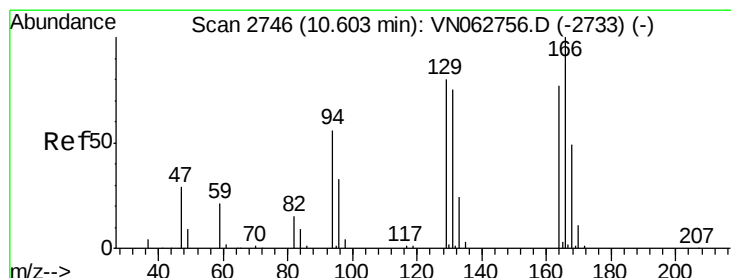
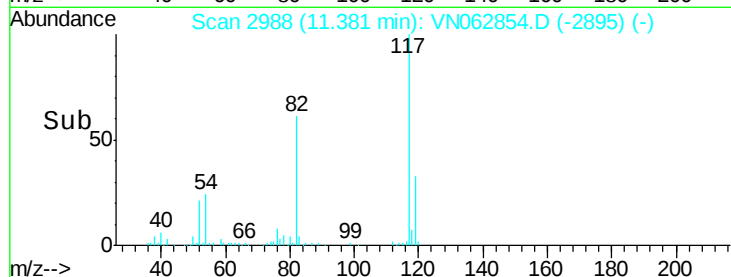
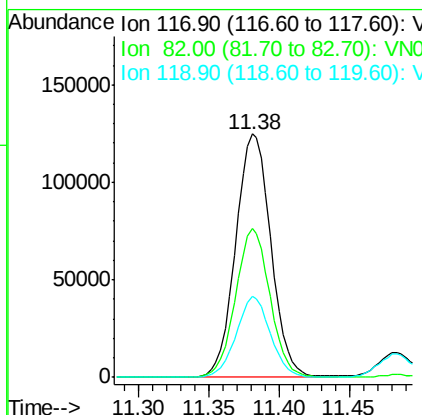
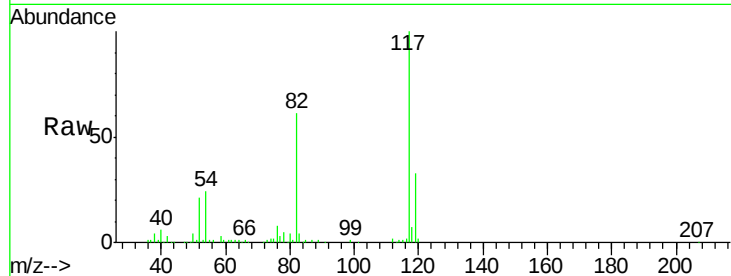
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062854.D
Acq: 12 Aug 2020 13:36

Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	218763		
82	61.0	49.0	73.4	
119	33.1	26.2	39.2	

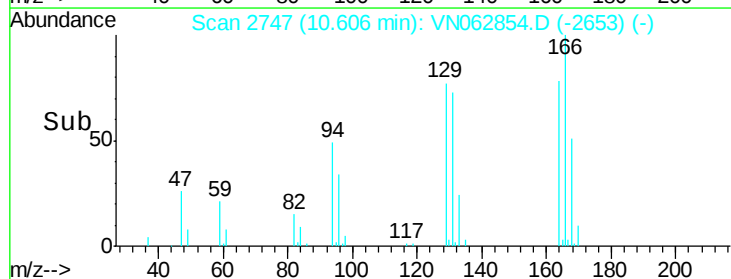
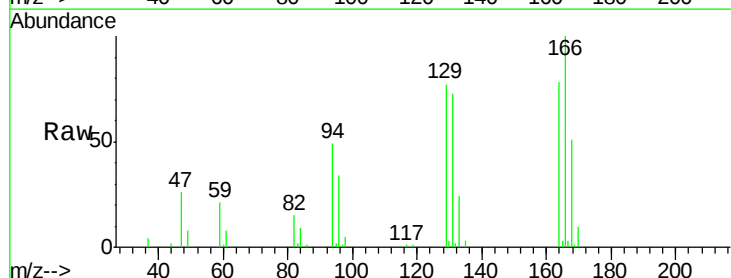
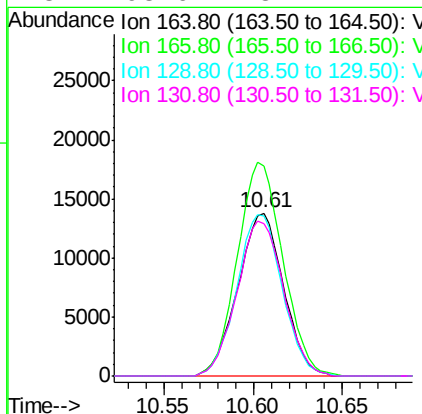
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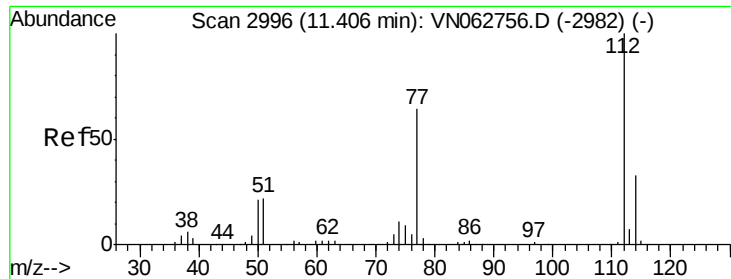
MMDadoda
8/13/2020 10:57:01 AM



#64
Tetrachloroethene
Concen: 17.506 ug/l
RT: 10.61 min Scan# 2747
Delta R.T. 0.00 min
Lab File: VN062854.D
Acq: 12 Aug 2020 13:36

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	24710		
166	128.5	103.8	155.8	
129	98.5	82.7	124.1	
131	93.6	78.2	117.2	





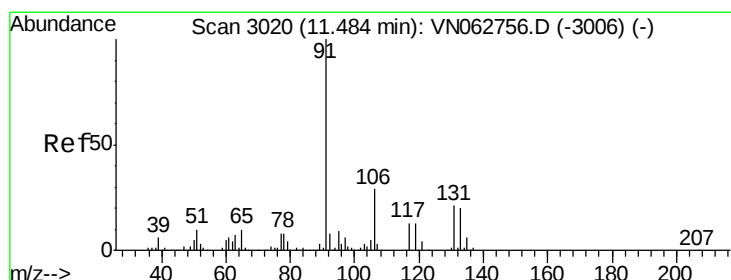
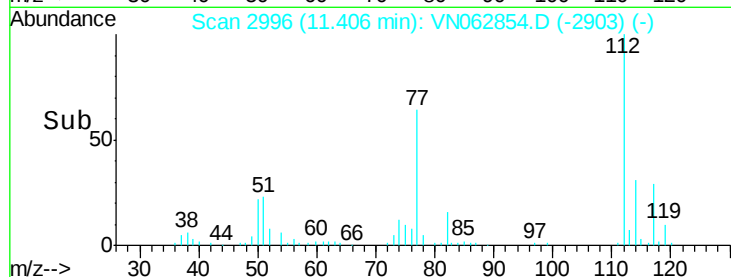
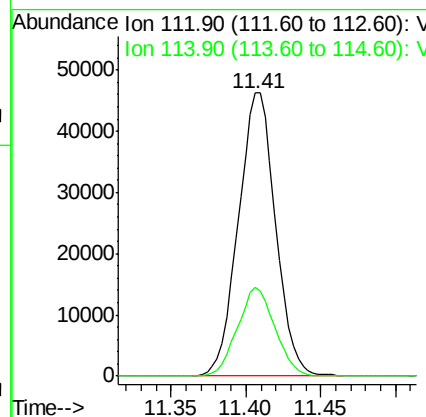
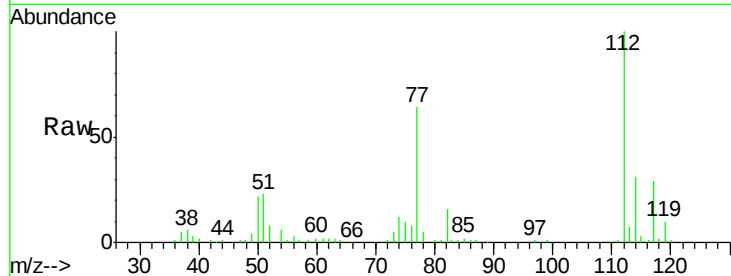
#65
Chlorobenzene
Concen: 17.497 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062854.D
Acq: 12 Aug 2020 13:36

Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

Tot Ion:112 Resp: 80013
Ion Ratio Lower Upper
112 100
114 31.5 26.2 39.4

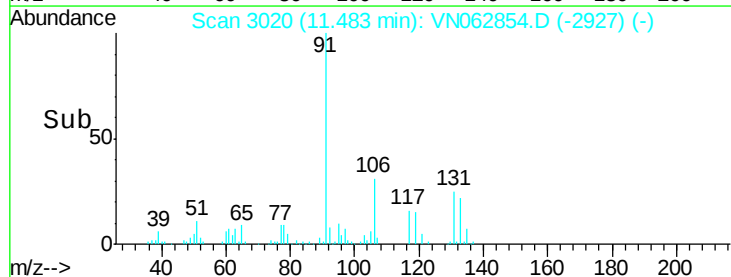
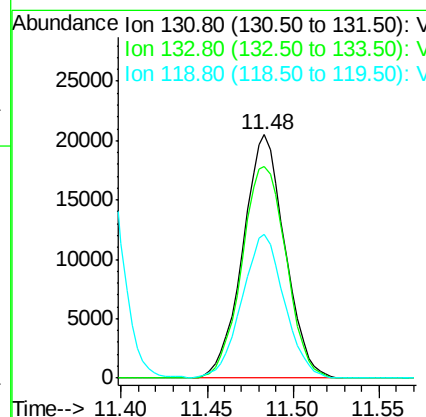
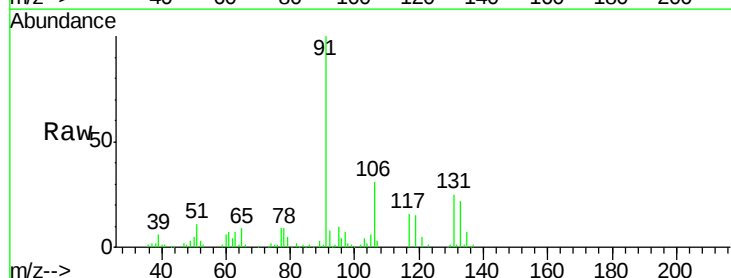
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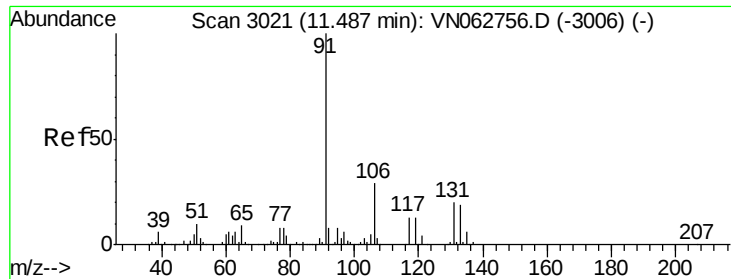
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.984 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062854.D
Acq: 12 Aug 2020 13:36

Tgt Ion:131 Resp: 34863
Ion Ratio Lower Upper
131 100
133 91.5 48.6 145.8
119 59.7 32.2 96.6





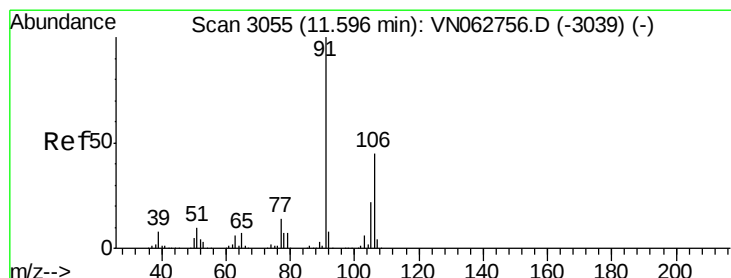
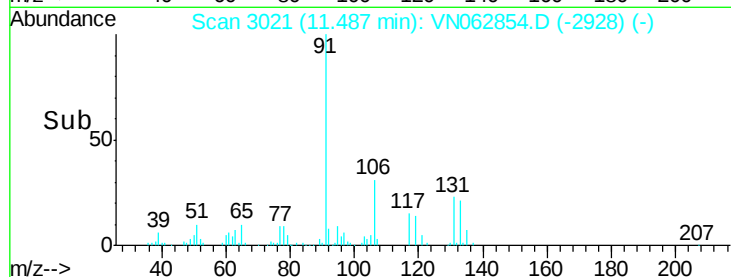
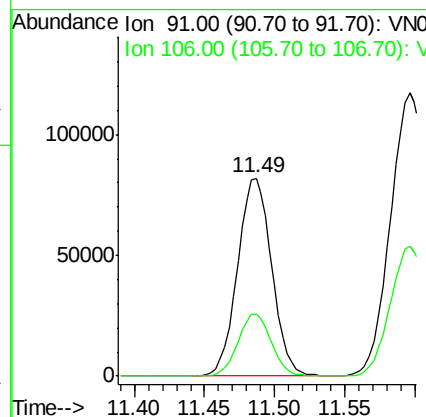
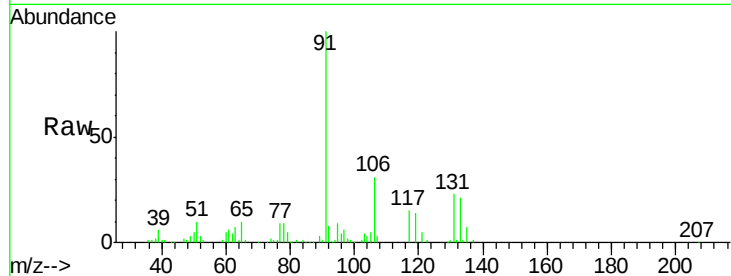
#67
Ethyl Benzene
Concen: 17.037 ug/l
RT: 11.49 min Scan# 3021
Delta R.T. -0.00 min
Lab File: VN062854.D
Acq: 12 Aug 2020 13:36

Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
106	31.4	23.2	34.8

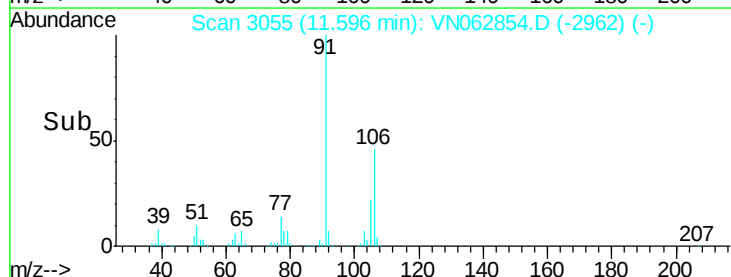
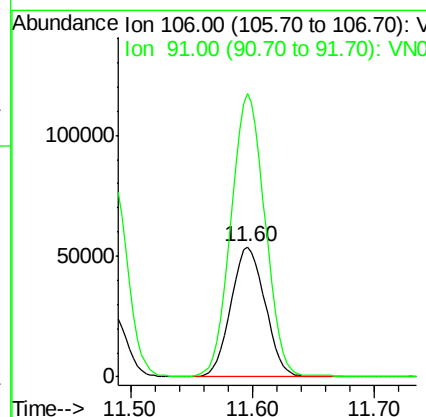
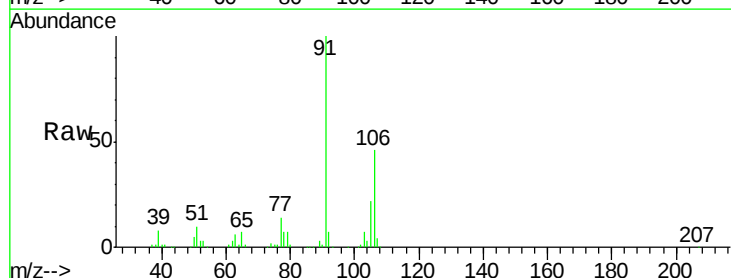
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#68
m/p-Xylenes
Concen: 35.474 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. -0.00 min
Lab File: VN062854.D
Acq: 12 Aug 2020 13:36

Tgt Ion	Ratio	Lower	Upper
106	100		
91	216.9	175.9	263.9





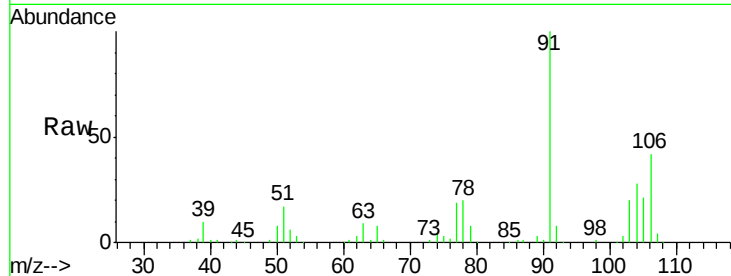
#69
o-Xylene
Concen: 18.074 ug/l
RT: 11.92 min Scan# 3157
Delta R.T. 0.00 min
Lab File: VN062854.D
Acq: 12 Aug 2020 13:36

Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

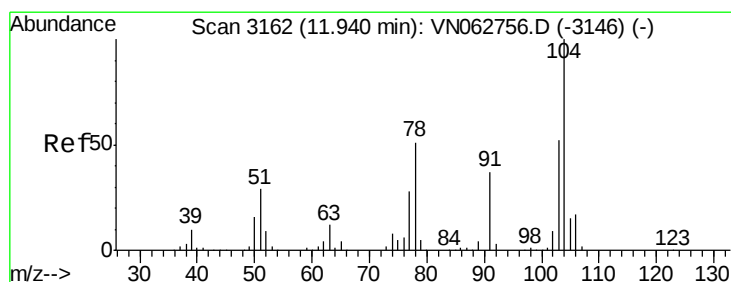
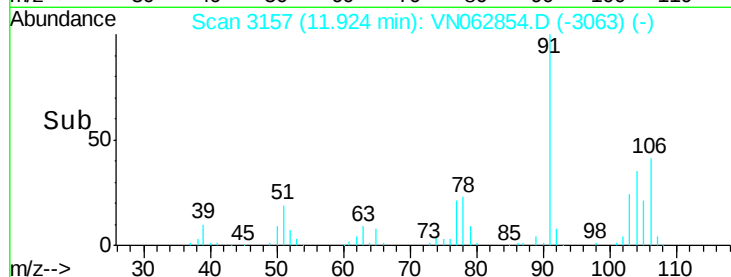
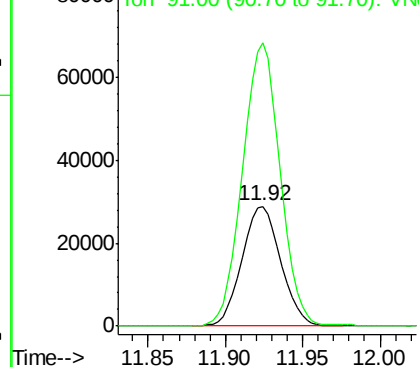
Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		50314		
91	229.9	115.8	347.4		

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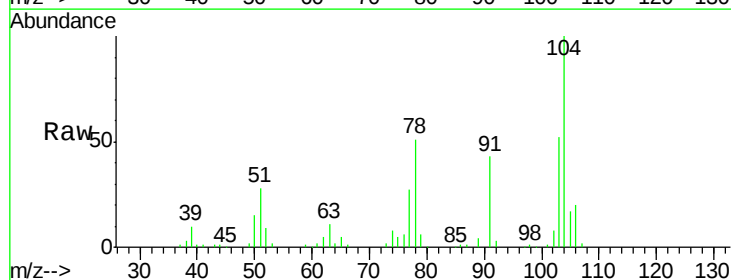


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

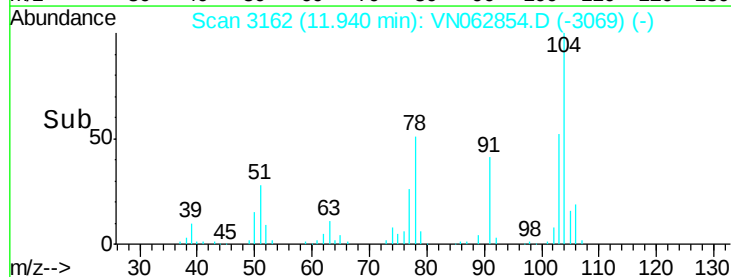
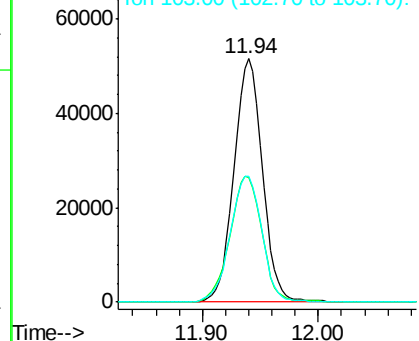


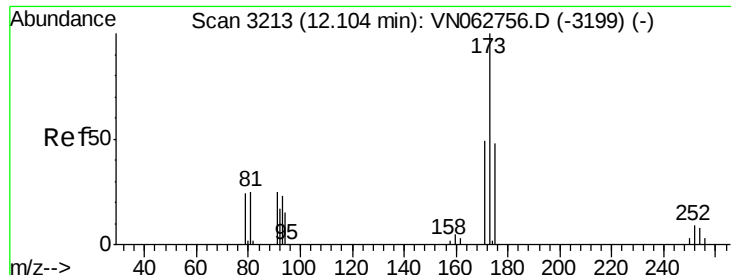
#70
Styrene
Concen: 17.854 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. -0.00 min
Lab File: VN062854.D
Acq: 12 Aug 2020 13:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		87362		
78	57.9	45.9	68.9		
103	57.5	45.1	67.7		



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 17.532 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062854.D

Acq: 12 Aug 2020 13:36

Instrument :

MSVOA_N

ClientSampleId :

VN0812WBS01

Tot Ion:173 Resp: 26342

Ion Ratio Lower Upper

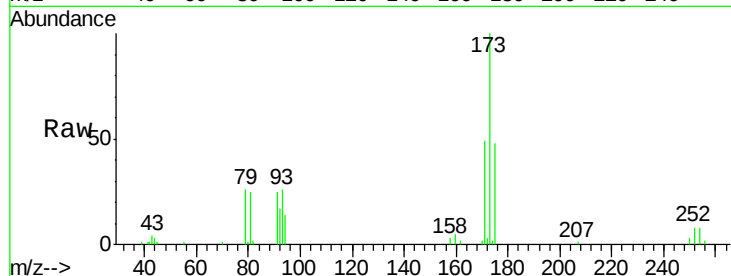
173 100

175 50.0 24.0 72.0

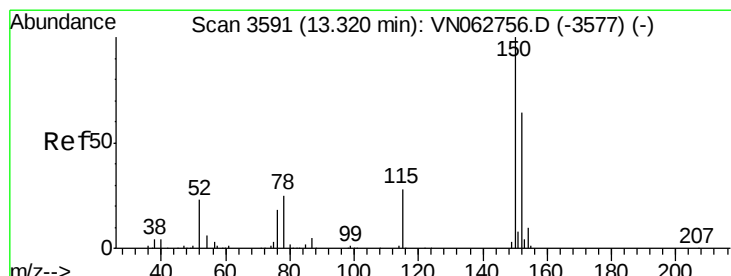
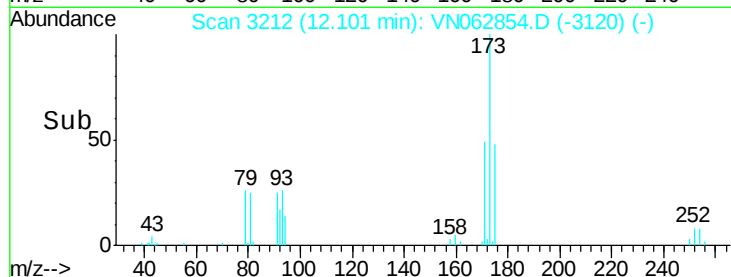
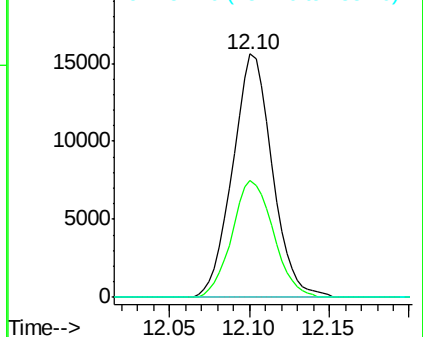
254 0.0 0.0 0.0

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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: VN062854.D

Acq: 12 Aug 2020 13:36

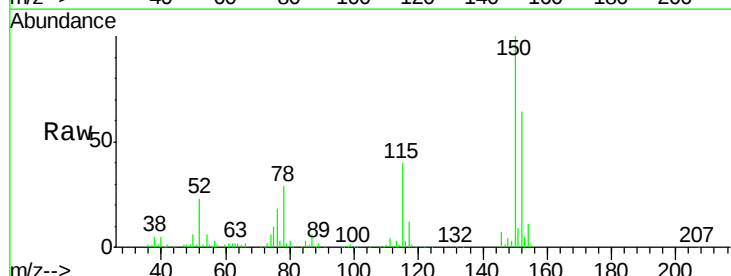
Tgt Ion:152 Resp: 104020

Ion Ratio Lower Upper

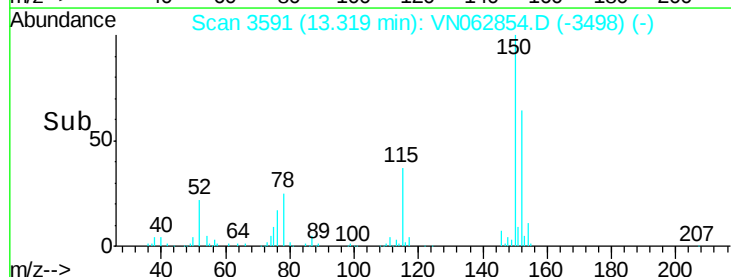
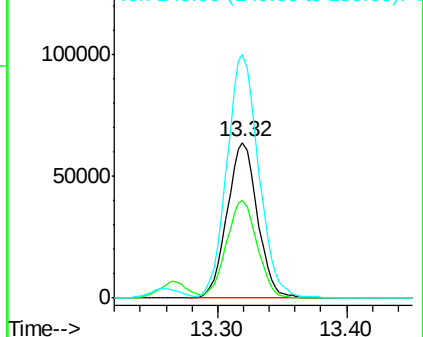
152 100

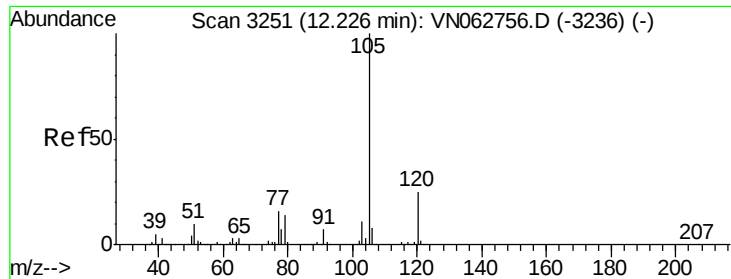
115 63.2 31.6 94.8

150 164.0 0.0 349.2



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





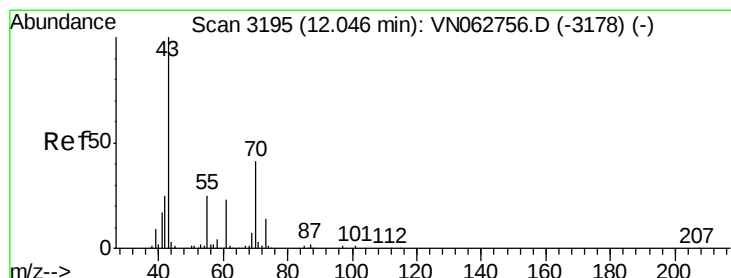
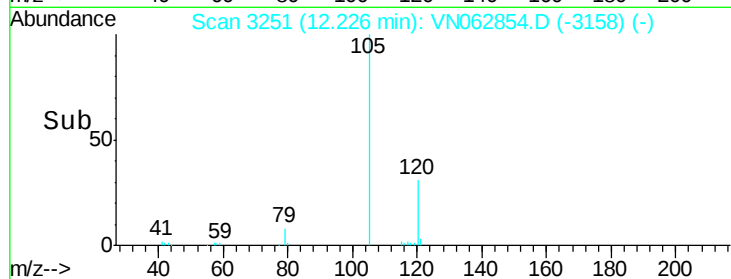
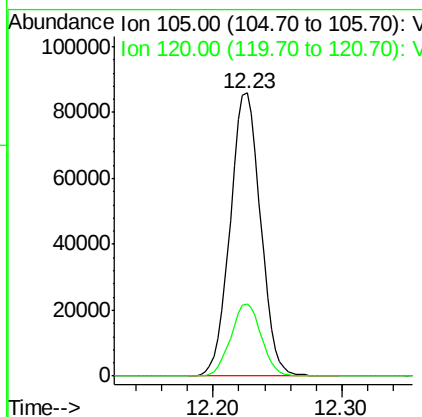
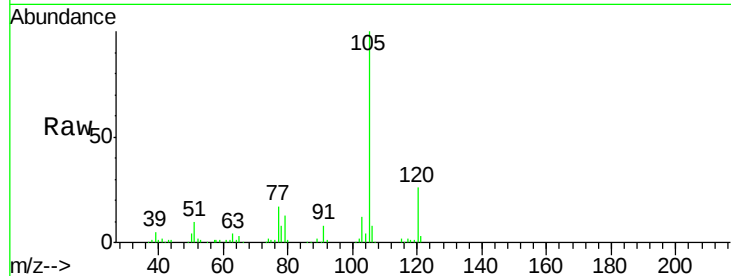
#73
Isopropylbenzene
Concen: 17.955 ug/l
RT: 12.23 min Scan# 3251
Delta R.T. -0.00 min
Lab File: VN062854.D
Acq: 12 Aug 2020 13:36

Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	140635		
120	25.5	12.6	37.8	

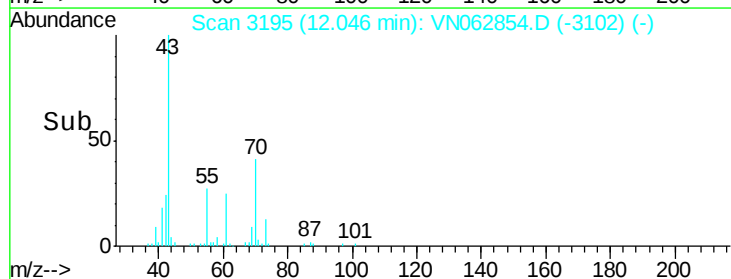
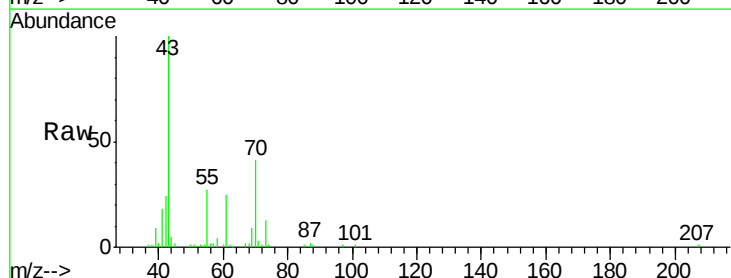
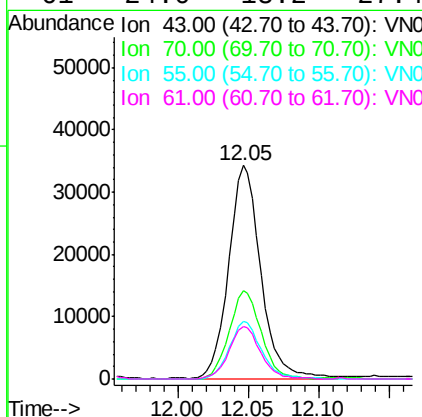
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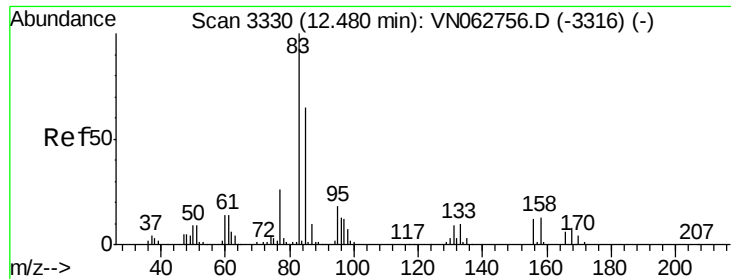
MMDadoda
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#74
N-ethyl acetate
Concen: 17.308 ug/l
RT: 12.05 min Scan# 3195
Delta R.T. -0.00 min
Lab File: VN062854.D
Acq: 12 Aug 2020 13:36

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	54937		
70	40.7	32.3	48.5	
55	26.9	20.2	30.2	
61	24.0	18.2	27.4	





#75

1,1,2,2-Tetrachloroethane

Concen: 18.374 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. -0.00 min

Lab File: VN062854.D

Acq: 12 Aug 2020 13:36

Instrument :

MSVOA_N

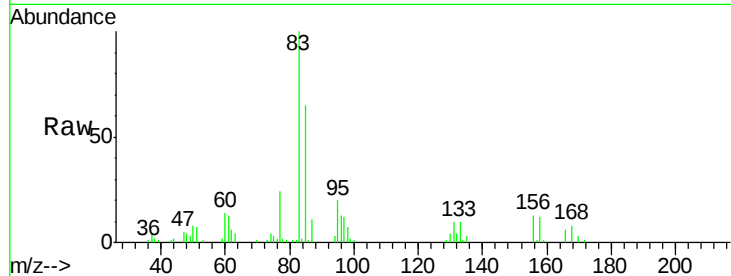
ClientSampleId :

VN0812WBS01

Tot Ion:	83	Resp:	50664
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.1	15.4
85	62.8	31.9	95.9

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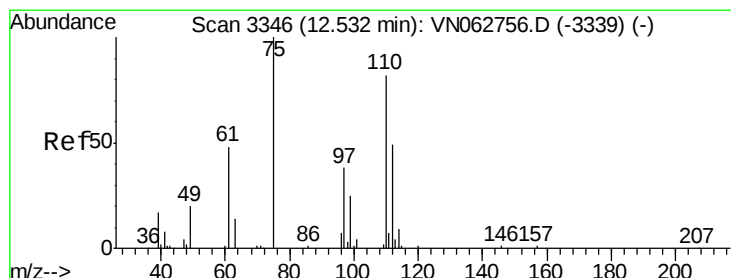
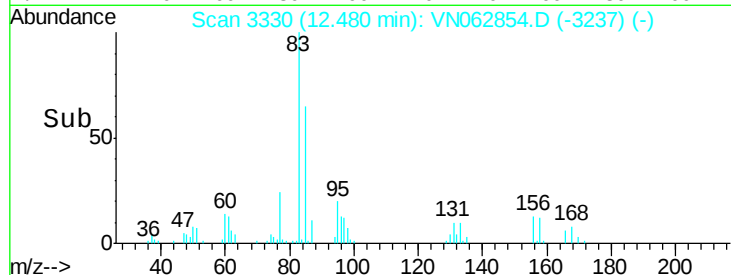
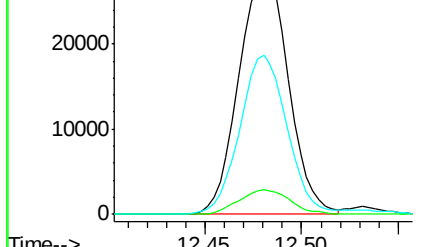


Abundance Ion 82.90 (82.60 to 83.60): VN062854.D (-3237) (-)

Ion 130.80 (130.50 to 131.50): VN062854.D (-3237) (-)

Ion 84.90 (84.60 to 85.60): VN062854.D (-3237) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 17.083 ug/l m

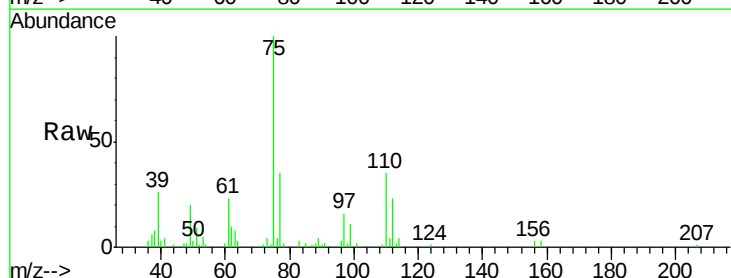
RT: 12.53 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN062854.D

Acq: 12 Aug 2020 13:36

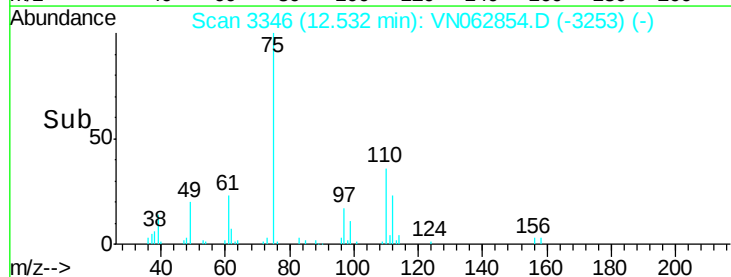
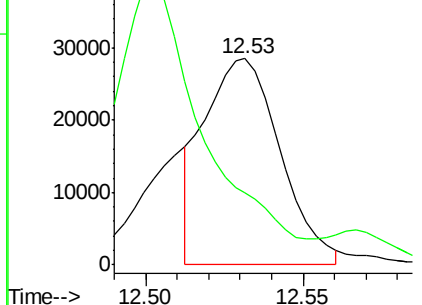
Tgt Ion:	75	Resp:	47924
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0

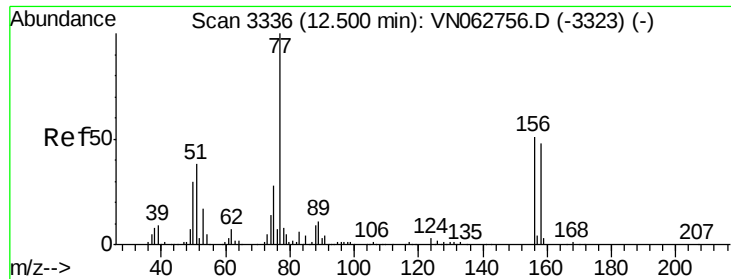


Abundance Ion 74.90 (74.60 to 75.60): VN062854.D (-3253) (-)

Ion 77.00 (76.70 to 77.70): VN062854.D (-3253) (-)

Time-->





#77

Bromobenzene

Concen: 18.340 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN062854.D

Acq: 12 Aug 2020 13:36

Instrument :

MSVOA_N

ClientSampled :

VN0812WBS01

Tot Ion:156 Resp: 35693

Ion Ratio Lower Upper

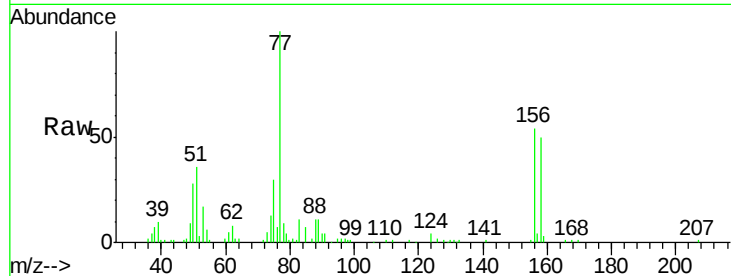
156 100

77 224.9 119.7 359.1

158 94.6 48.1 144.3

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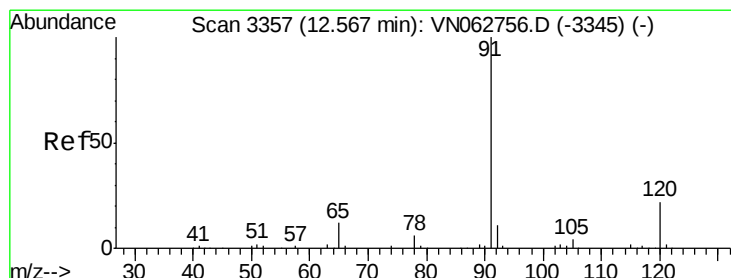
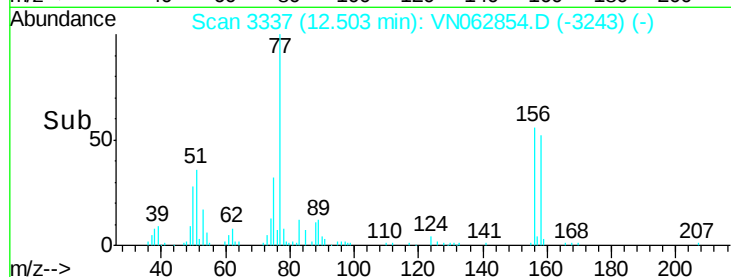
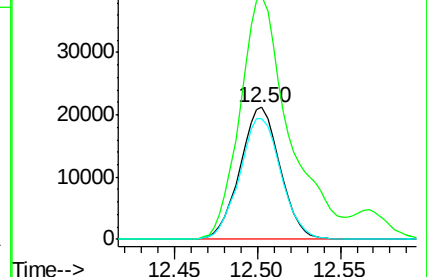
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 17.689 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN062854.D

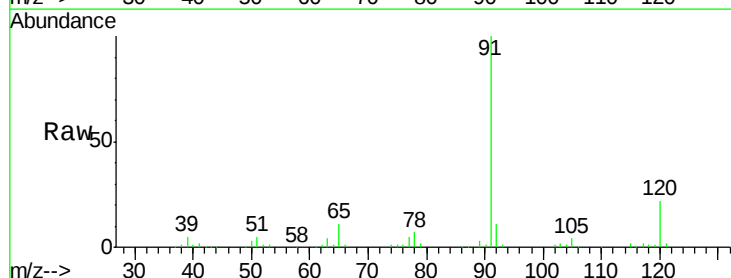
Acq: 12 Aug 2020 13:36

Tgt Ion: 91 Resp: 162643

Ion Ratio Lower Upper

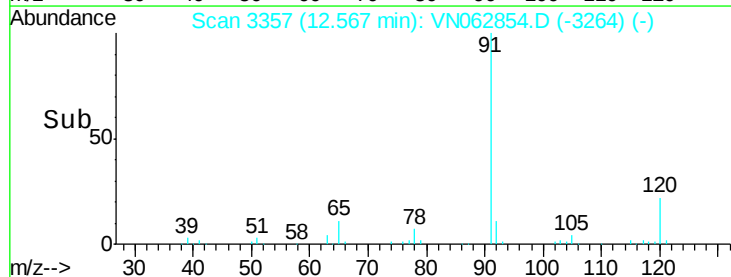
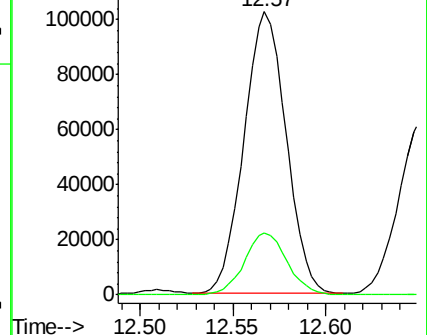
91 100

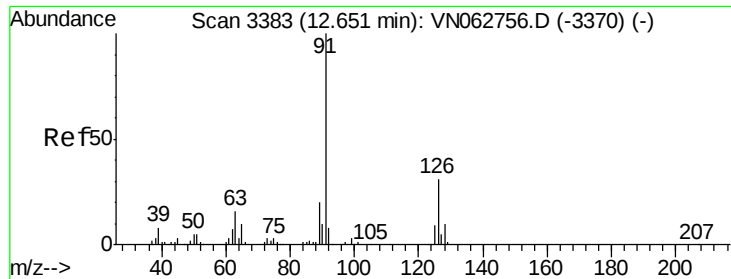
120 22.2 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 17.722 ug/l

RT: 12.65 min Scan# 3383

Delta R.T. -0.00 min

Lab File: VN062854.D

Acq: 12 Aug 2020 13:36

Instrument :

MSVOA_N

ClientSampleId :

VN0812WBS01

Tot Ion: 91 Resp: 102180

Ion Ratio Lower Upper

91 100

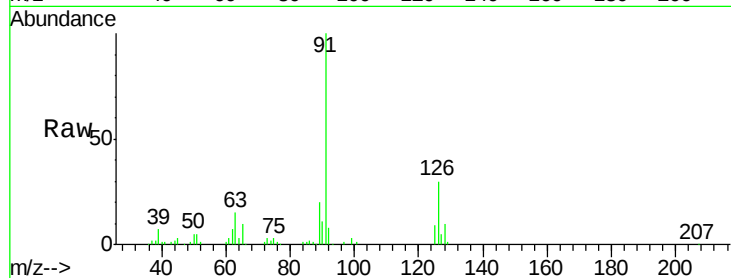
126 31.5 15.6 46.7

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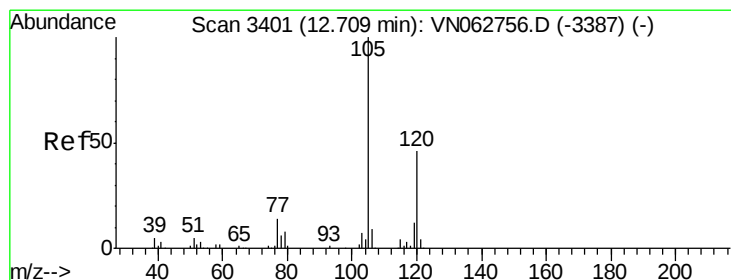
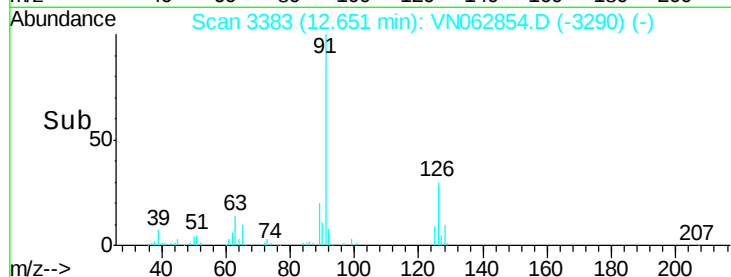
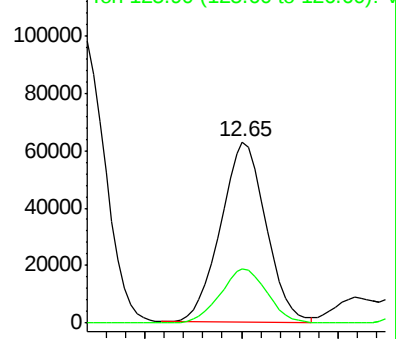
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Abundance Ion 91.00 (90.70 to 91.70): VN062756.D (-3370) (-)



#80

1,3,5-Trimethylbenzene

Concen: 18.410 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062854.D

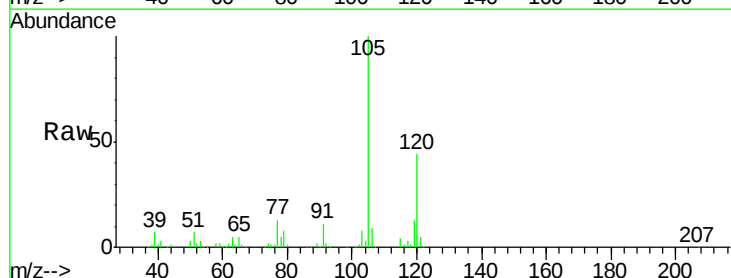
Acq: 12 Aug 2020 13:36

Tgt Ion: 105 Resp: 125098

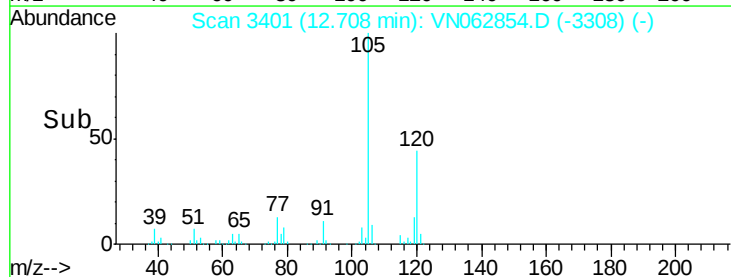
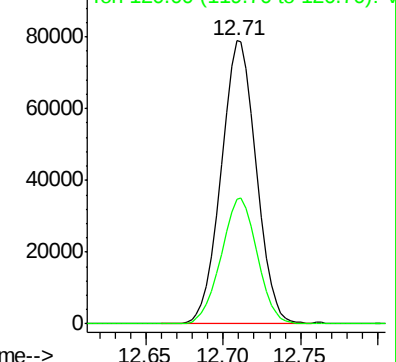
Ion Ratio Lower Upper

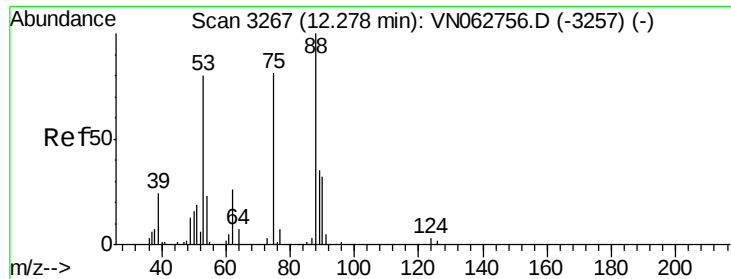
105 100

120 45.6 22.9 68.5



Abundance Ion 105.00 (104.70 to 105.70): VN062756.D (-3387) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 16.843 ug/l

RT: 12.28 min Scan# 3267

Delta R.T. -0.00 min

Lab File: VN062854.D

Acq: 12 Aug 2020 13:36

Instrument :

MSVOA_N

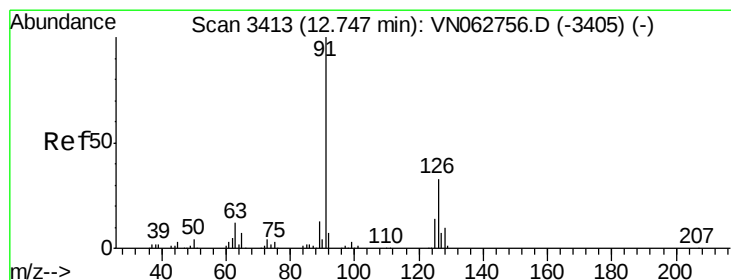
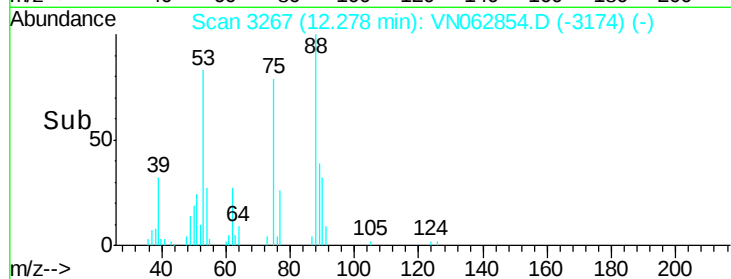
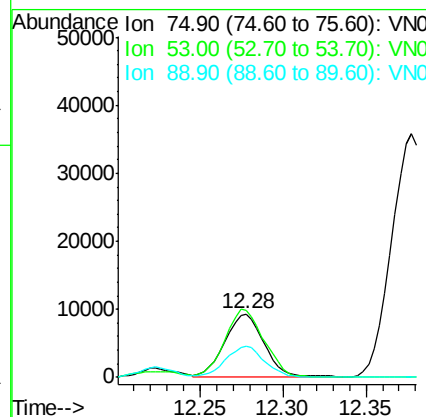
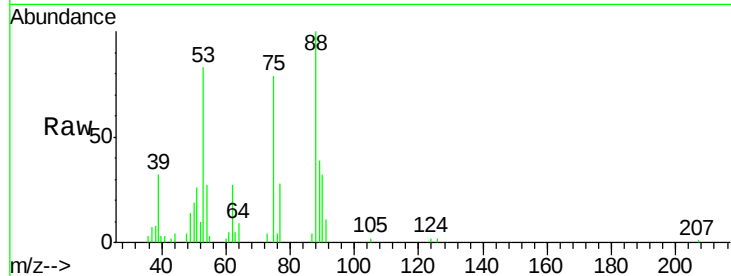
ClientSampleId :

VN0812WBS01

Tot Ion:	75	Resp:	15478
Ion Ratio	Lower	Upper	
75	100		
53	106.3	79.1	118.7
89	48.0	36.2	54.2

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#82

4-Chlorotoluene

Concen: 17.952 ug/l

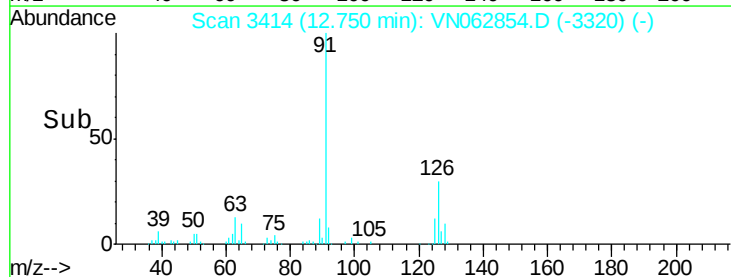
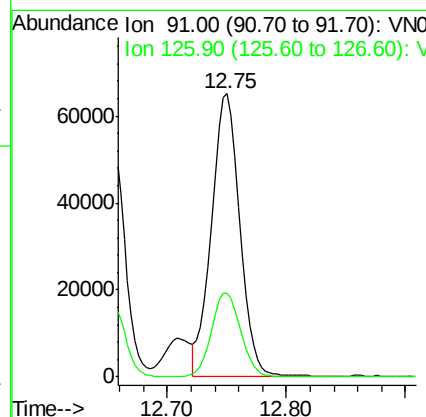
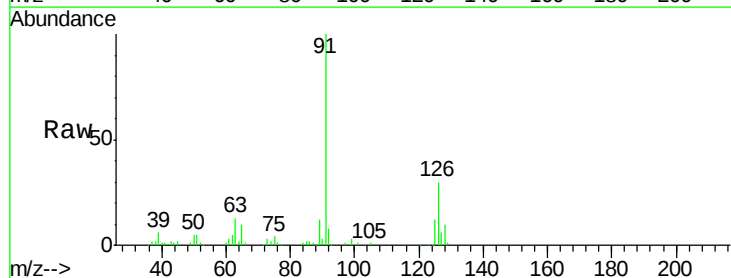
RT: 12.75 min Scan# 3414

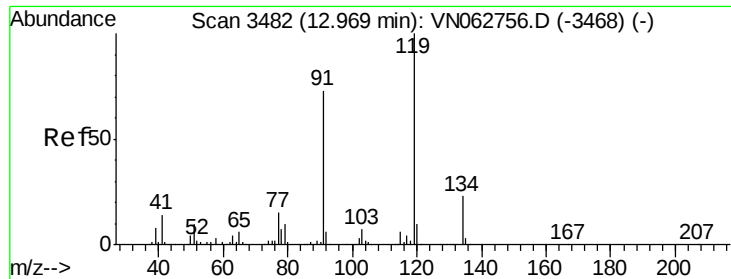
Delta R.T. 0.00 min

Lab File: VN062854.D

Acq: 12 Aug 2020 13:36

Tgt Ion:	91	Resp:	106663
Ion Ratio	Lower	Upper	
91	100		
126	30.8	15.3	45.9





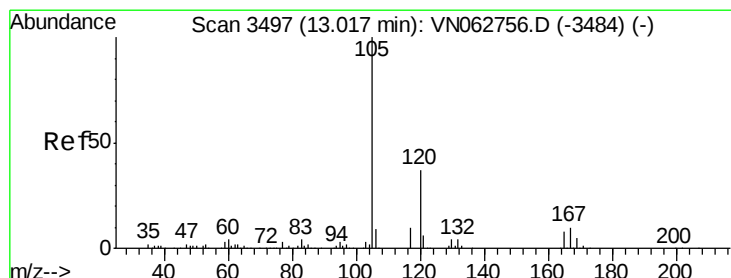
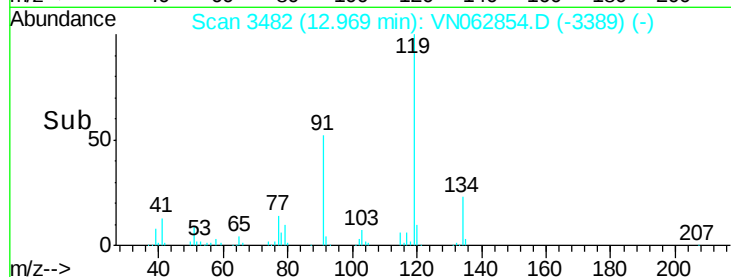
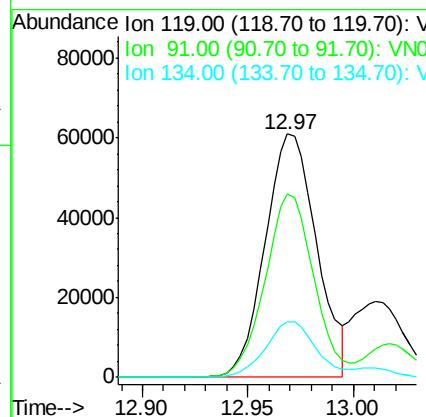
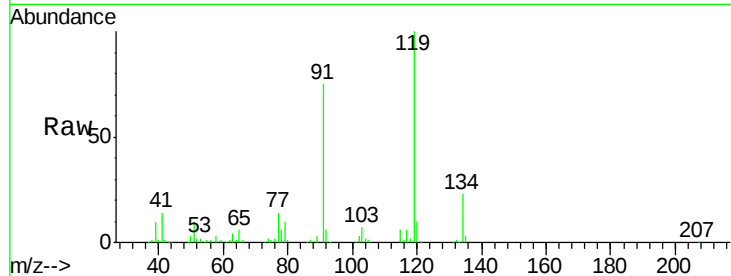
#83
 tert-Butylbenzene
 Concen: 17.983 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062854.D
 Acq: 12 Aug 2020 13:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0812WBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	71.3	36.5	109.5
134	22.6	11.3	33.8

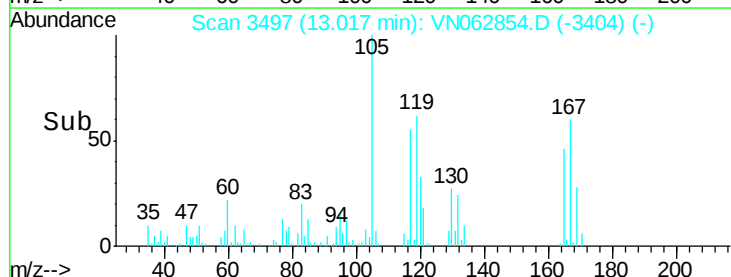
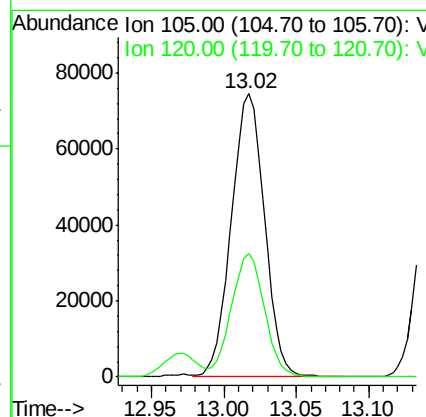
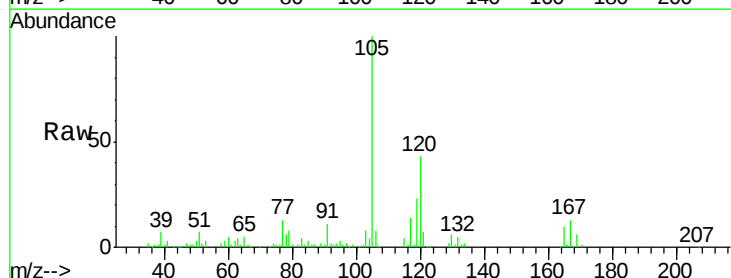
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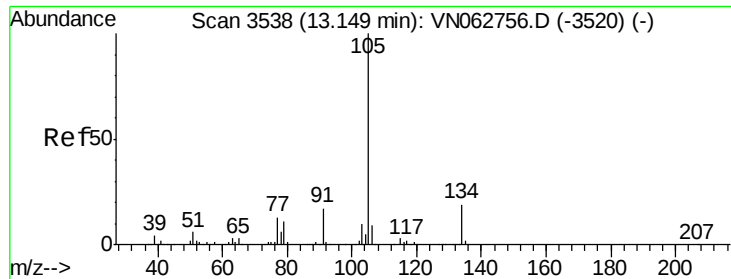
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#84
 1,2,4-Trimethylbenzene
 Concen: 18.158 ug/l
 RT: 13.02 min Scan# 3497
 Delta R.T. -0.00 min
 Lab File: VN062854.D
 Acq: 12 Aug 2020 13:36

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.6	21.4	64.2





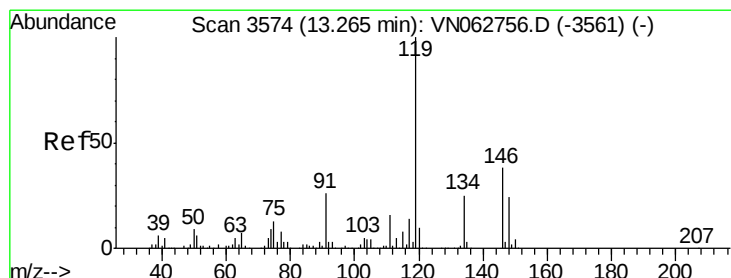
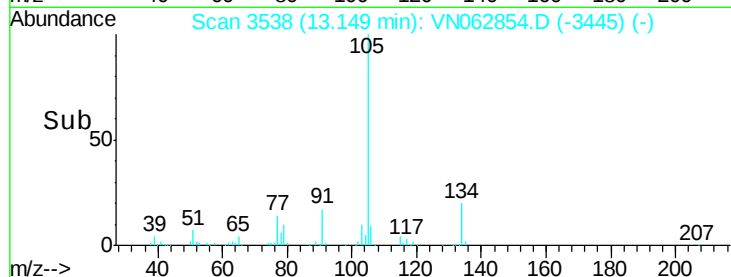
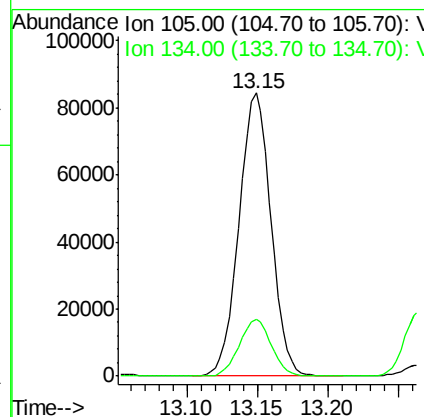
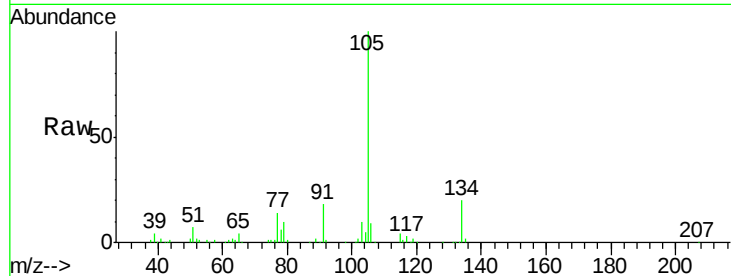
#85
 sec-Butylbenzene
 Concen: 17.800 ug/l
 RT: 13.15 min Scan# 3538
 Delta R.T. -0.00 min
 Lab File: VN062854.D
 Acq: 12 Aug 2020 13:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0812WBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	134400		
134	20.0	9.6	28.6	

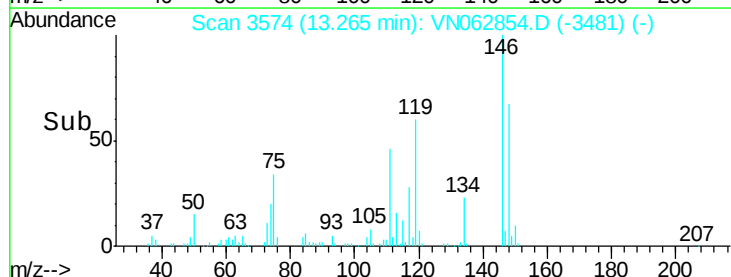
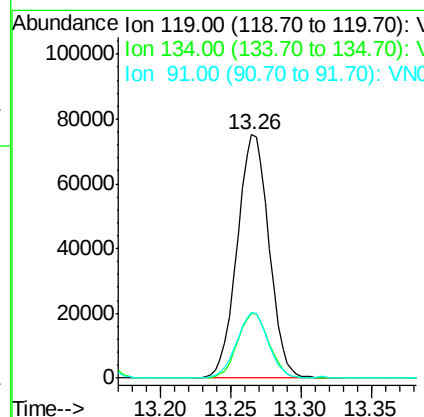
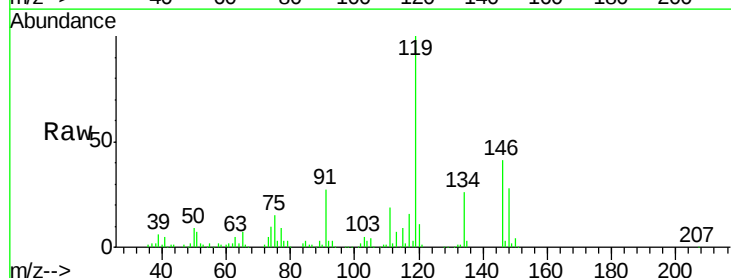
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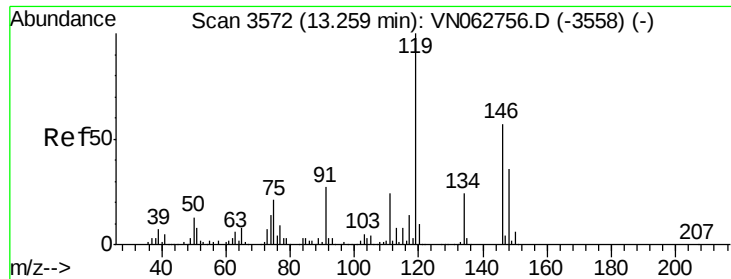
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#86
 p-Isopropyltoluene
 Concen: 17.777 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. -0.00 min
 Lab File: VN062854.D
 Acq: 12 Aug 2020 13:36

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	119150		
134	26.1	12.6	37.8	
91	26.7	13.4	40.2	





#87

1,3-Dichlorobenzene

Concen: 17.426 ug/l

RT: 13.26 min Scan# 3572

Delta R.T. -0.00 min

Lab File: VN062854.D

Acq: 12 Aug 2020 13:36

Instrument :

MSVOA_N

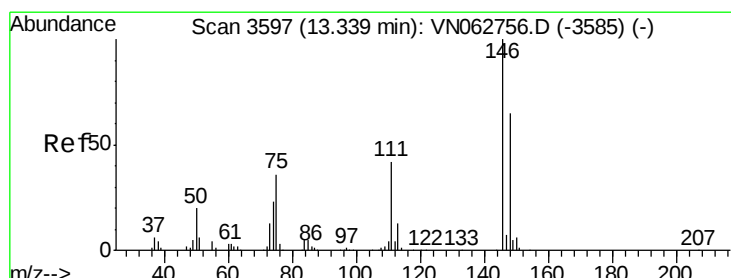
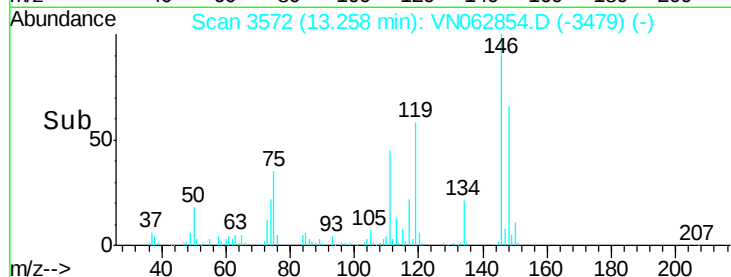
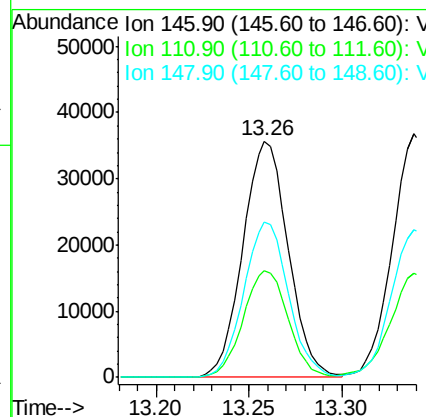
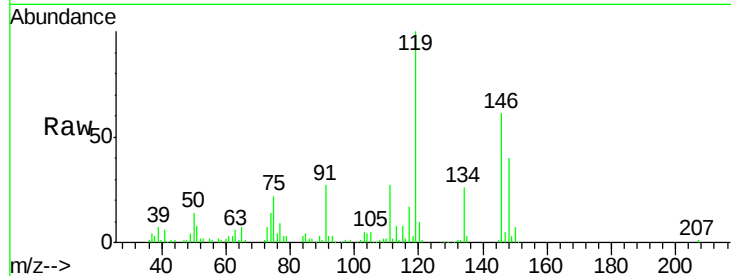
ClientSampleId :

VN0812WBS01

Tot Ion:	146	Resp:	60587
Ion Ratio	Lower	Upper	
146	100		
111	44.5	21.7	65.1
148	64.5	31.4	94.2

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#88

1,4-Dichlorobenzene

Concen: 17.469 ug/l

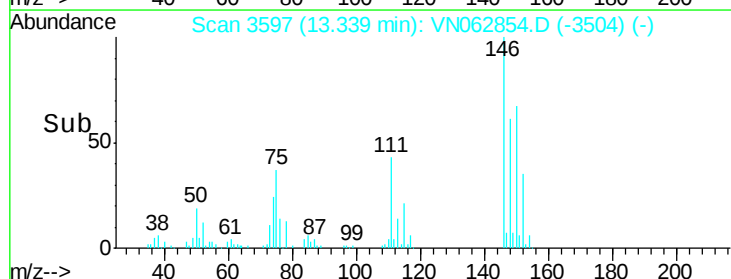
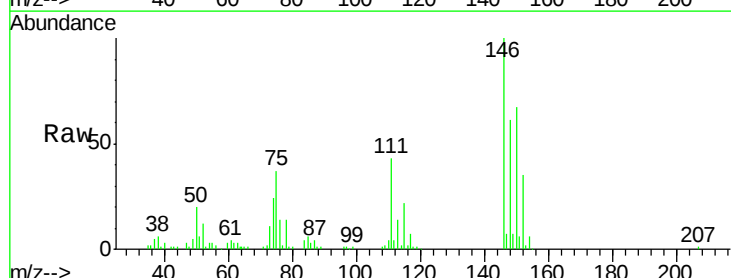
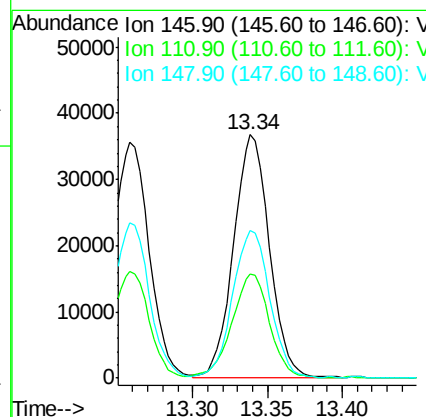
RT: 13.34 min Scan# 3597

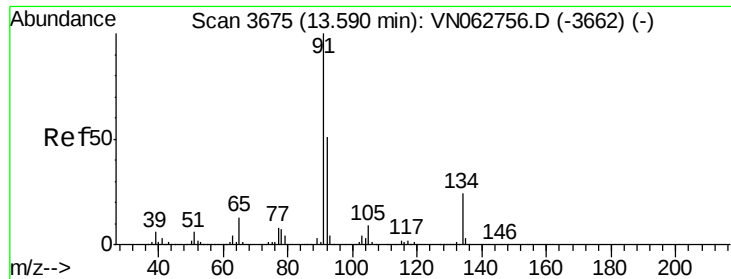
Delta R.T. -0.00 min

Lab File: VN062854.D

Acq: 12 Aug 2020 13:36

Tgt Ion:	146	Resp:	60917
Ion Ratio	Lower	Upper	
146	100		
111	45.2	21.6	64.6
148	63.5	32.6	97.8





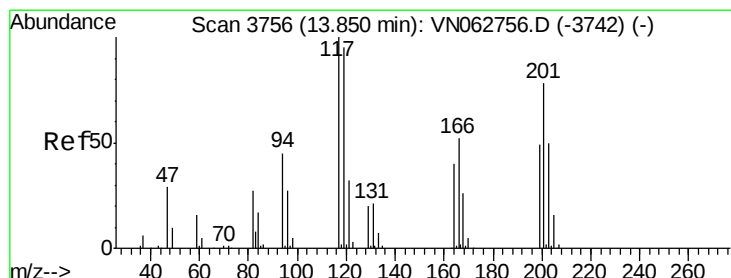
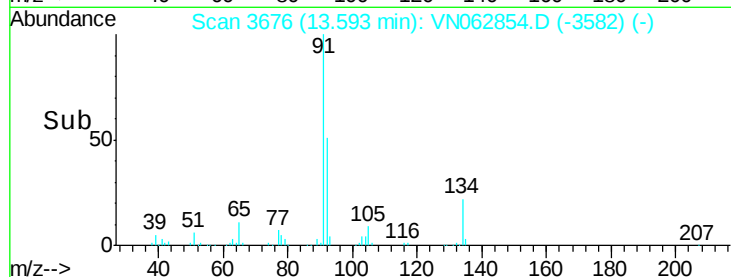
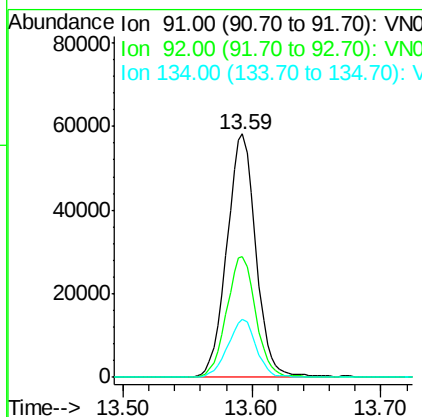
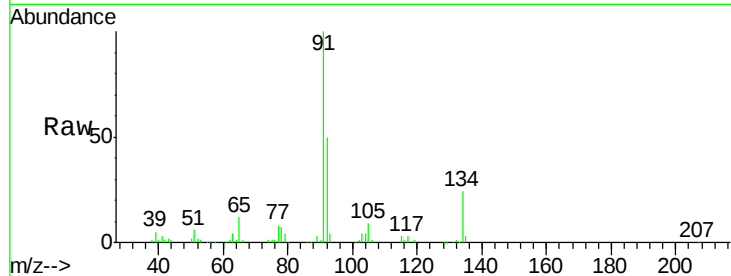
#89
n-Butylbenzene
Concen: 15.996 ug/l
RT: 13.59 min Scan# 3676
Delta R.T. 0.00 min
Lab File: VN062854.D
Acq: 12 Aug 2020 13:36

Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	50.0	25.7	77.0
134	23.4	12.2	36.6

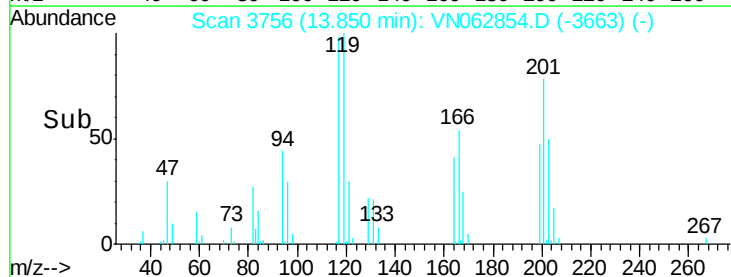
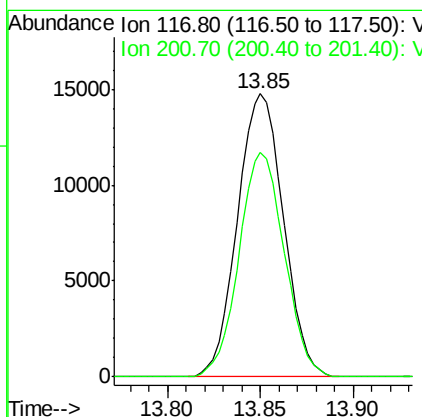
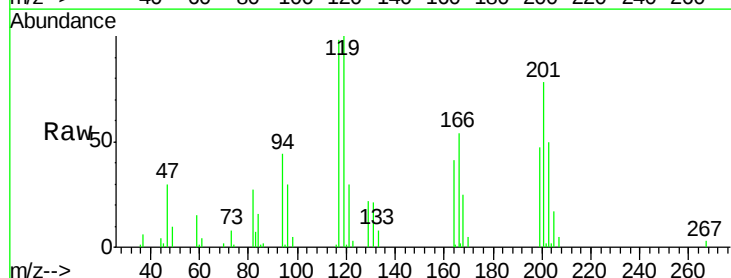
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#90
Hexachloroethane
Concen: 17.588 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN062854.D
Acq: 12 Aug 2020 13:36

Tgt Ion	Ratio	Lower	Upper
117	100		
201	78.2	39.2	117.6





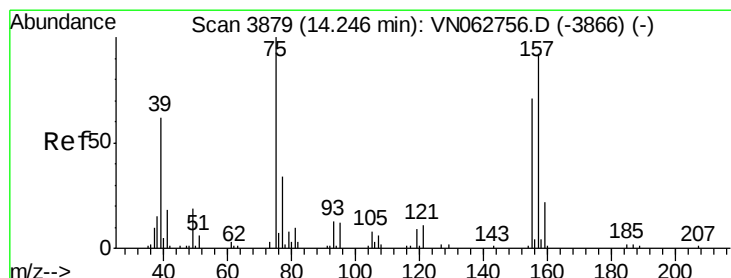
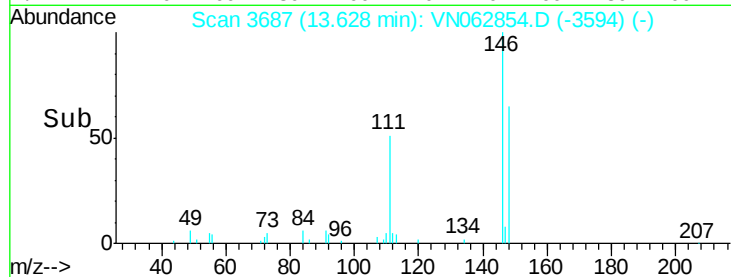
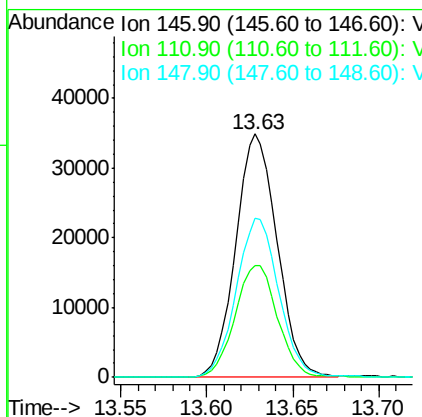
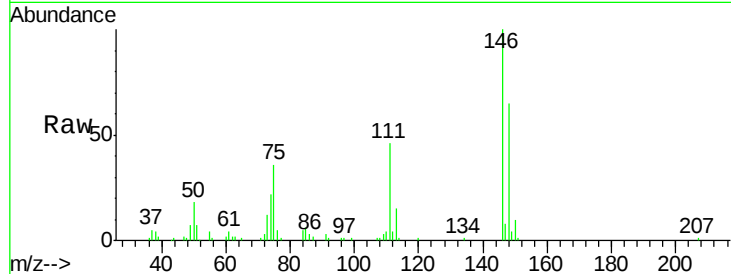
#91
 1,2-Dichlorobenzene
 Concen: 17.964 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062854.D
 Acq: 12 Aug 2020 13:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0812WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	47.4	22.8	68.4
148	67.1	31.9	95.5

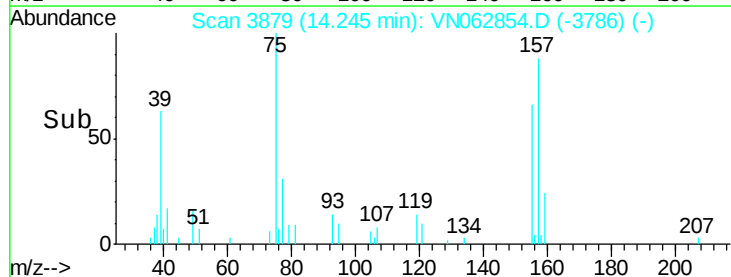
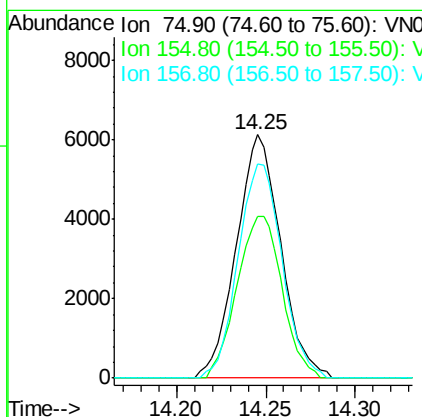
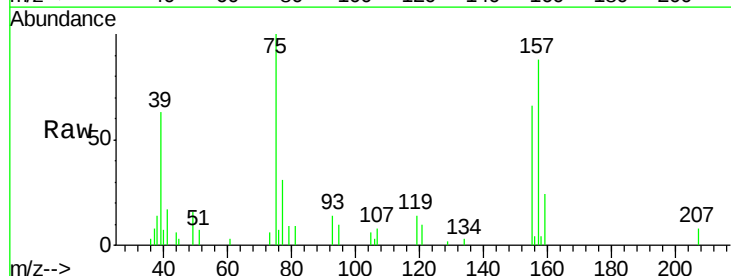
Manual Integrations
 APPROVED

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 8/13/2020 10:57:01 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.991 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. -0.00 min
 Lab File: VN062854.D
 Acq: 12 Aug 2020 13:36

Tgt Ion	Ratio	Lower	Upper
75	100		
155	67.4	35.0	105.1
157	87.4	43.2	129.6





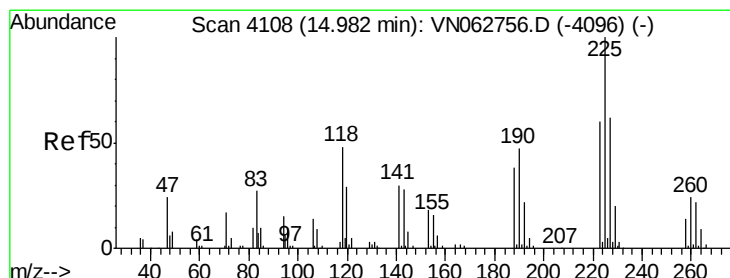
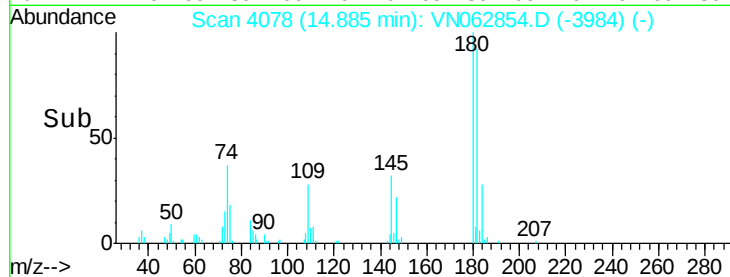
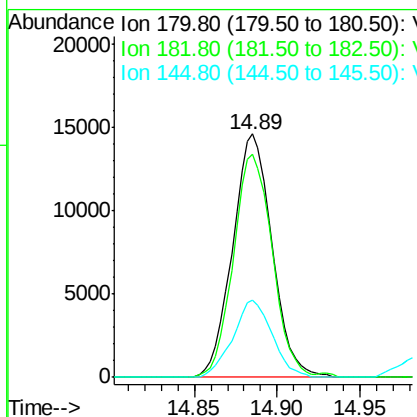
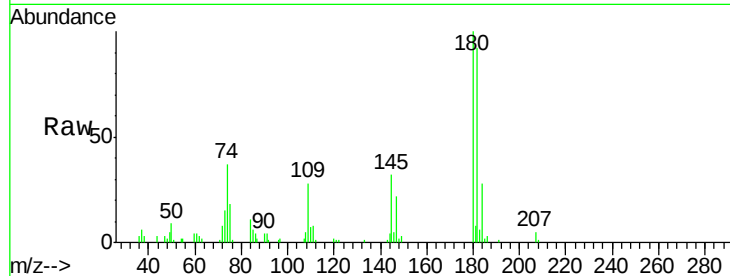
#93
 1,2,4-Trichlorobenzene
 Concen: 16.191 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN062854.D
 Acq: 12 Aug 2020 13:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0812WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	24132		
182	90.4	49.1	147.4	
145	31.5	16.3	48.8	

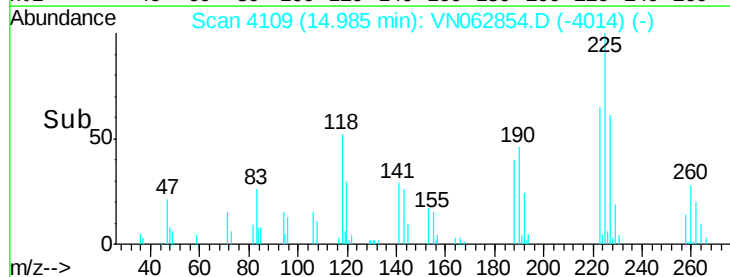
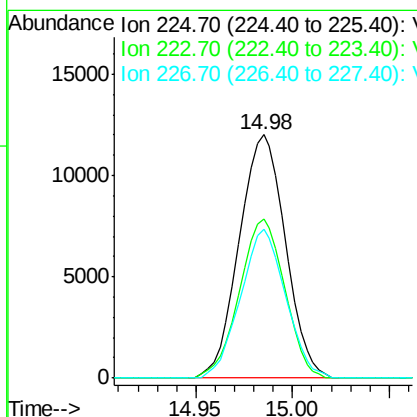
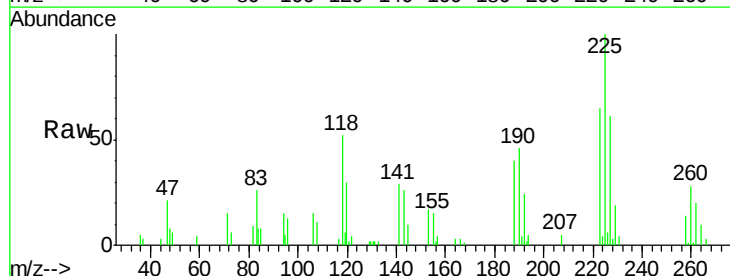
Manual Integrations
 APPROVED

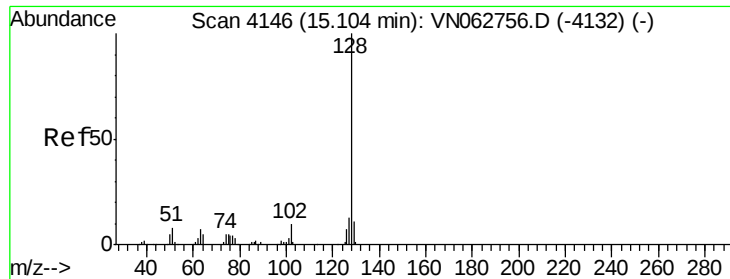
MMDadoda
 8/13/2020 10:57:01 AM



#94
 Hexachlorobutadiene
 Concen: 18.464 ug/l
 RT: 14.98 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN062854.D
 Acq: 12 Aug 2020 13:36

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	19944		
223	63.9	30.6	92.0	
227	59.8	31.6	95.0	





#95

Naphthalene

Concen: 14.782 ug/l

RT: 15.11 min Scan# 4147

Delta R.T. 0.00 min

Lab File: VN062854.D

Acq: 12 Aug 2020 13:36

Instrument :

MSVOA_N

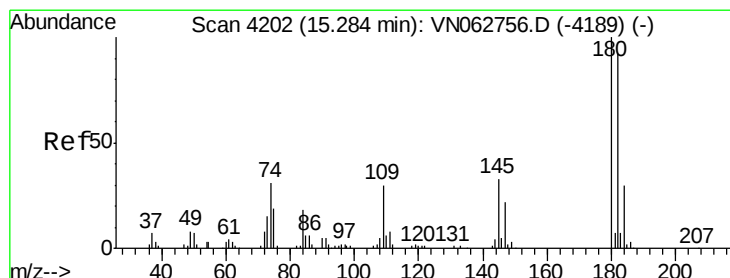
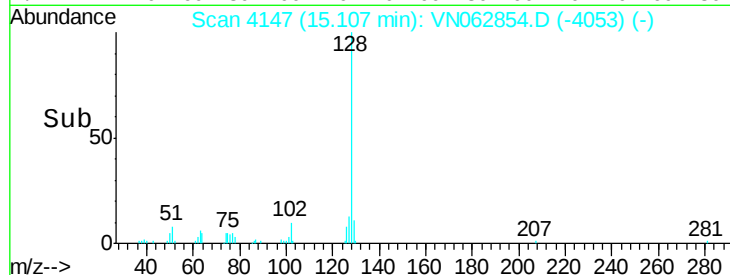
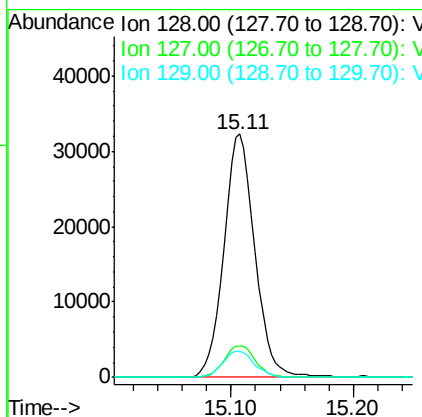
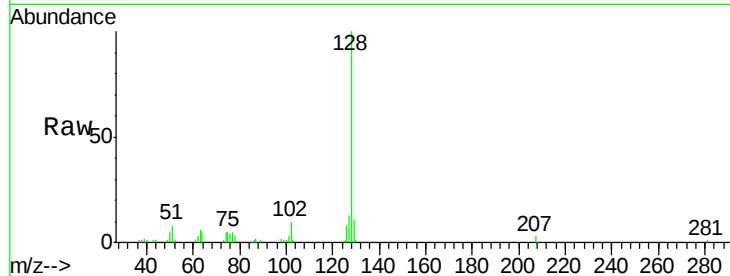
ClientSampled :

VN0812WBS01

Tot Ion:	128	Resp:	57194
Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.8	16.2
129	10.8	8.8	13.2

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 16.005 ug/l

RT: 15.29 min Scan# 4203

Delta R.T. 0.00 min

Lab File: VN062854.D

Acq: 12 Aug 2020 13:36

Tgt Ion:	180	Resp:	24213
Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.9	143.6
145	36.5	17.3	51.7

