

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061820\
 Data File : VN061894.D
 Acq On : 18 Jun 2020 12:50
 Operator : JC/MD
 Sample : VN0618WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0618WBS01

Manual Integrations
 APPROVED

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 6/19/2020 1:03:43 PM

Quant Time: Jun 19 05:47:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 17 01:19:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	148206	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	255152	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	240015	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	112331	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	95918	48.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.52%	
35) Dibromofluoromethane	7.55	113	81935	50.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.40%	
50) Toluene-d8	10.06	98	309538	48.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.46%	
62) 4-Bromofluorobenzene	12.38	95	102097	46.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	38112	19.940	ug/l	98
3) Chloromethane	2.03	50	41618	20.231	ug/l	99
4) Vinyl Chloride	2.16	62	53042	21.628	ug/l	99
5) Bromomethane	2.53	94	37586	19.958	ug/l	96
6) Chloroethane	2.67	64	36091	21.745	ug/l	98
7) Trichlorofluoromethane	2.98	101	61694	21.060	ug/l	95
8) Diethyl Ether	3.37	74	19887	20.194	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	31287	20.818	ug/l	99
10) Methyl Iodide	3.91	142	34079	22.109	ug/l	99
11) Tert butyl alcohol	4.74	59	25465	92.582	ug/l	99
12) 1,1-Dichloroethene	3.69	96	30668	20.366	ug/l	97
13) Acrolein	3.57	56	12689	77.188	ug/l	100
14) Allyl chloride	4.27	41	35588	17.807	ug/l	95
15) Acrylonitrile	4.93	53	69510	101.991	ug/l	100
16) Acetone	3.78	43	56677	96.534	ug/l	98
17) Carbon Disulfide	4.01	76	84701	19.224	ug/l	98
18) Methyl Acetate	4.28	43	33386	19.751	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	97423	19.431	ug/l	98
20) Methylene Chloride	4.50	84	36098	18.872	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	34002	19.658	ug/l	95
22) Diisopropyl ether	5.90	45	87926	19.236	ug/l	98
23) Vinyl Acetate	5.84	43	344566	95.846	ug/l	99
24) 1,1-Dichloroethane	5.80	63	58666	19.607	ug/l	98
25) 2-Butanone	6.79	43	84087	98.163	ug/l	94
26) 2,2-Dichloropropane	6.77	77	49781	19.775	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	38492	19.287	ug/l	99
28) Bromochloromethane	7.15	49	25828	19.387	ug/l	94
29) Tetrahydrofuran	7.17	42	56559	100.328	ug/l	99
30) Chloroform	7.33	83	62504	19.546	ug/l	98
31) Cyclohexane	7.61	56	49271	18.810	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	54146	19.882	ug/l	99
36) 1,1-Dichloropropene	7.75	75	46308	19.898	ug/l	98
37) Ethyl Acetate	6.88	43	36162	19.898	ug/l	98
38) Carbon Tetrachloride	7.73	117	47078	20.427	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	49504	19.754	ug/l	99
40) Benzene	8.00	78	139959	19.853	ug/l	100
41) Methacrylonitrile	7.13	41	15053m	19.370	ug/l	
42) 1,2-Dichloroethane	8.09	62	48229	20.064	ug/l	99
43) Isopropyl Acetate	8.13	43	59561	19.447	ug/l #	90
44) Trichloroethene	8.80	130	37883	20.418	ug/l	97
45) 1,2-Dichloropropane	9.09	63	34086	19.674	ug/l	100
46) Dibromomethane	9.18	93	24684	20.233	ug/l	98
47) Bromodichloromethane	9.37	83	49026	19.625	ug/l	99
48) Methyl methacrylate	9.17	41	26673	19.151	ug/l	98
49) 1,4-Dioxane	9.17	88	12837	401.443	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	180329	99.637	ug/l	100
52) Toluene	10.12	92	90491	20.438	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	51664	19.481	ug/l	94
54) cis-1,3-Dichloropropene	9.81	75	57012	19.793	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	35346	20.290	ug/l	97
56) Ethyl methacrylate	10.40	69	45033	18.844	ug/l	100
57) 1,3-Dichloropropane	10.68	76	58818	19.930	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	79857	86.861	ug/l	97
59) 2-Hexanone	10.72	43	128449	97.479	ug/l	99
60) Dibromochloromethane	10.87	129	39396	20.267	ug/l	100
61) 1,2-Dibromoethane	10.98	107	36694	20.173	ug/l	98
64) Tetrachloroethene	10.60	164	30674	20.051	ug/l	98
65) Chlorobenzene	11.41	112	96716	19.097	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	34766	19.683	ug/l	97
67) Ethyl Benzene	11.48	91	162728	19.164	ug/l	99
68) m/p-Xylenes	11.59	106	127268	38.869	ug/l	100
69) o-Xylene	11.92	106	60781	19.455	ug/l	99
70) Styrene	11.94	104	101366	19.378	ug/l	100
71) Bromoform	12.10	173	24507	19.028	ug/l #	98
73) Isopropylbenzene	12.22	105	160934	20.161	ug/l	99
74) N-amyl acetate	12.05	43	46900	18.294	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	51642	19.899	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	45547m	20.653	ug/l	
77) Bromobenzene	12.50	156	39560	19.644	ug/l	99
78) n-propylbenzene	12.56	91	177822	19.523	ug/l	99
79) 2-Chlorotoluene	12.65	91	105971	19.372	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	132754	20.102	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	15632	19.333	ug/l	99
82) 4-Chlorotoluene	12.75	91	110309	19.515	ug/l	100
83) tert-Butylbenzene	12.97	119	109453	19.550	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	129185	19.817	ug/l	97
85) sec-Butylbenzene	13.15	105	145620	19.872	ug/l	99
86) p-Isopropyltoluene	13.26	119	131815	20.186	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	72220	19.663	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	70641	18.789	ug/l	97
89) n-Butylbenzene	13.59	91	100495	18.428	ug/l	99
90) Hexachloroethane	13.85	117	22499	18.823	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	67921	19.208	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	8369	19.864	ug/l	98

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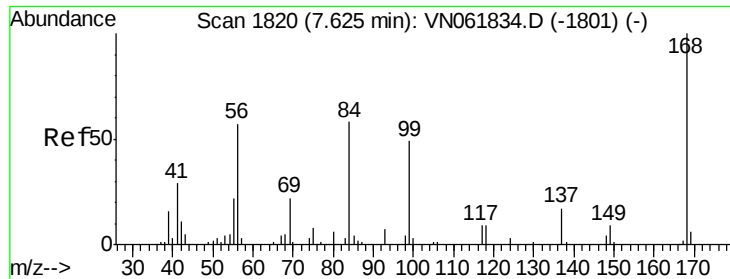
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	29617	17.750	ug/l	98
94) Hexachlorobutadiene	14.98	225	12949	19.704	ug/l	98
95) Naphthalene	15.10	128	84964	17.630	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	30553	18.489	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN061894.D

Acq: 18 Jun 2020 12:50

Instrument :

MSVOA_N

ClientSampleId :

VN0618WBS01

Tot Ion:168 Resp: 148206

Ion Ratio Lower Upper

168 100

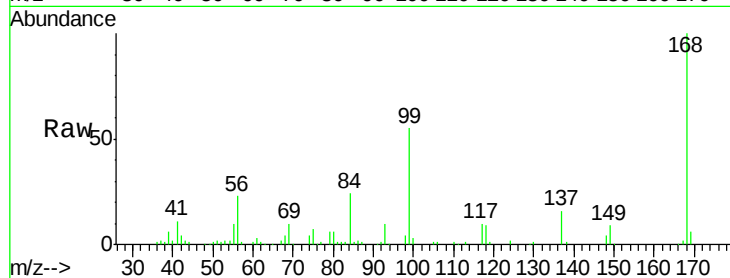
99 55.5 44.6 67.0

Manual Integrations

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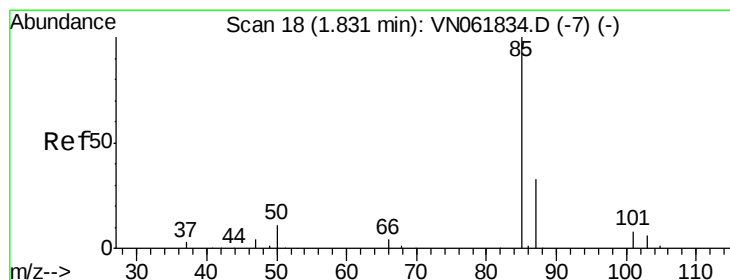
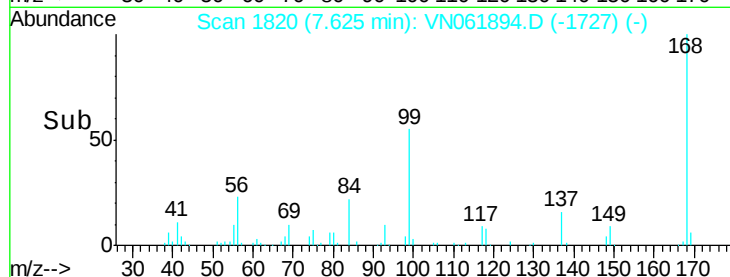
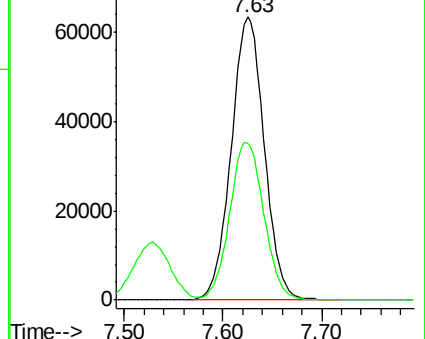
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 19.940 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061894.D

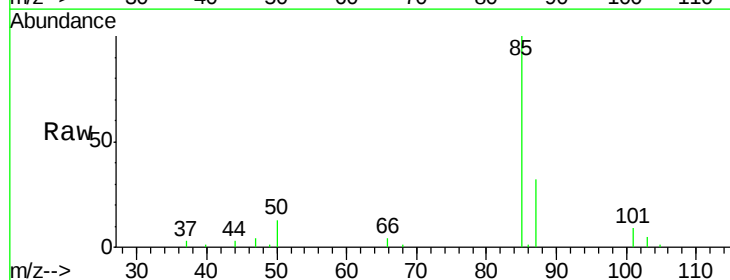
Acq: 18 Jun 2020 12:50

Tgt Ion: 85 Resp: 38112

Ion Ratio Lower Upper

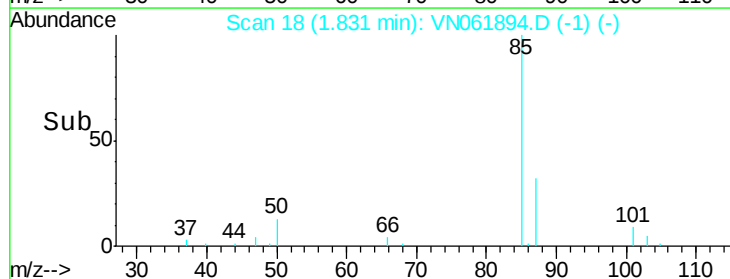
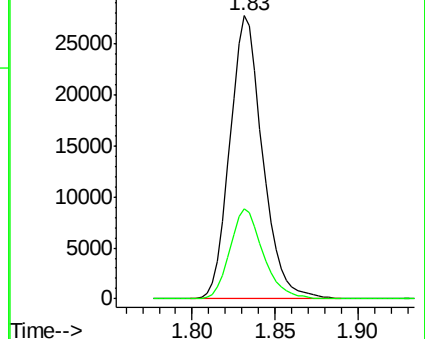
85 100

87 31.9 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 20.231 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN061894.D

Acq: 18 Jun 2020 12:50

Instrument :

MSVOA_N

ClientSampleId :

VN0618WBS01

Tot Ion: 50 Resp: 41618

Ion Ratio Lower Upper

50 100

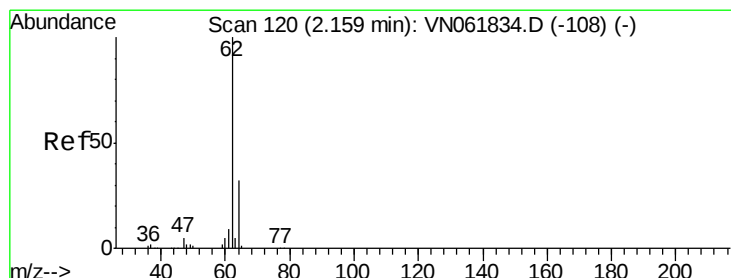
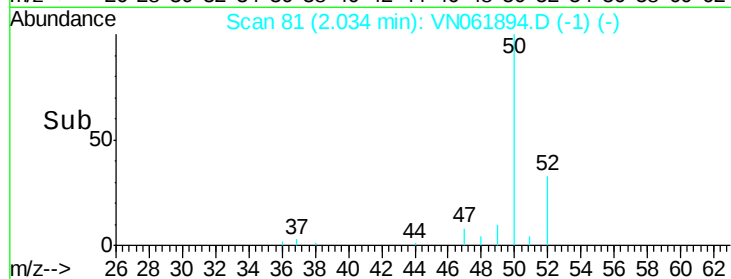
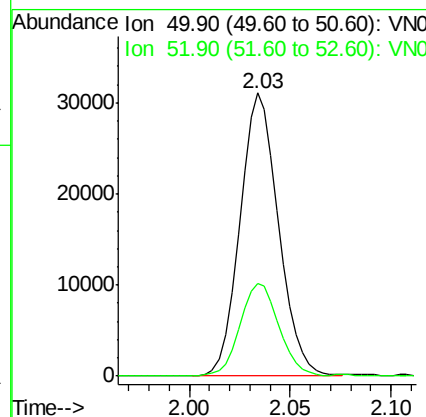
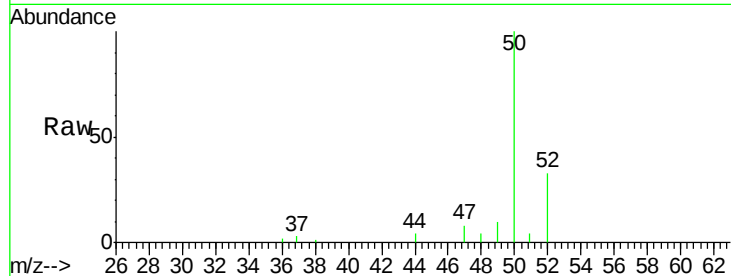
52 32.9 26.0 39.0

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#4

Vinyl Chloride

Concen: 21.628 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN061894.D

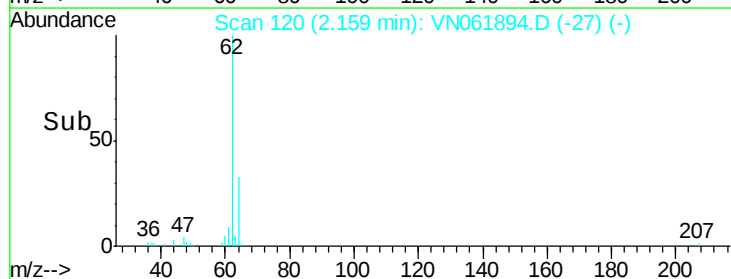
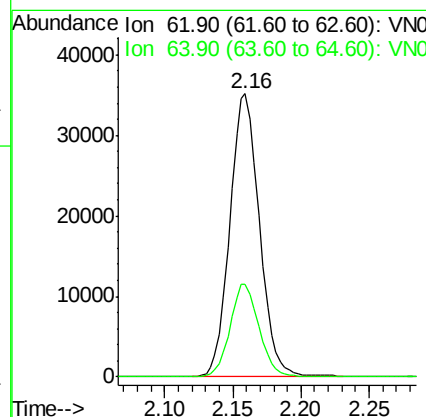
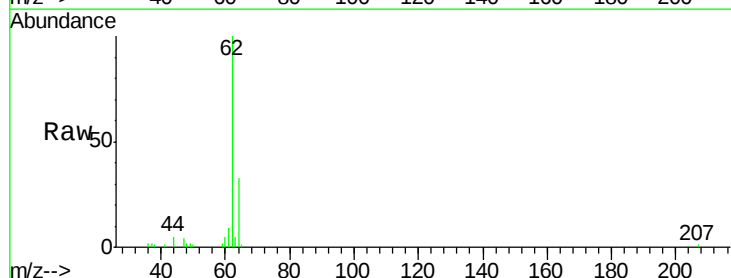
Acq: 18 Jun 2020 12:50

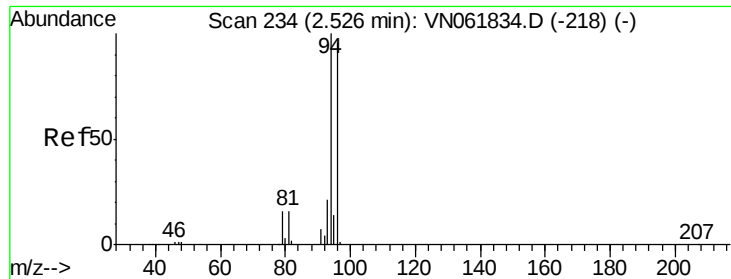
Tgt Ion: 62 Resp: 53042

Ion Ratio Lower Upper

62 100

64 32.7 25.5 38.3





#5

Bromomethane

Concen: 19.958 ug/l

RT: 2.53 min Scan# 235

Delta R.T. 0.00 min

Lab File: VN061894.D

Acq: 18 Jun 2020 12:50

Instrument :

MSVOA_N

ClientSampleId :

VN0618WBS01

Tot Ion: 94 Resp: 37586

Ion Ratio Lower Upper

94 100

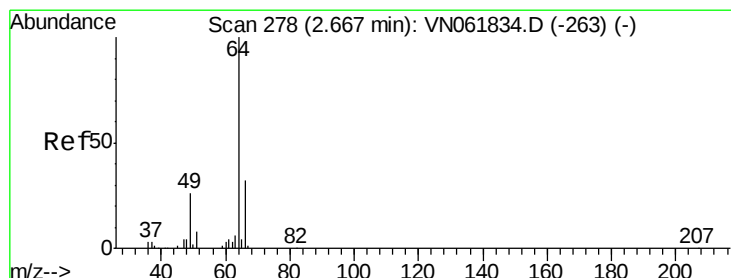
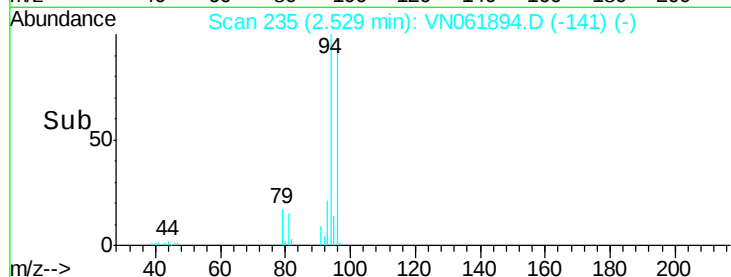
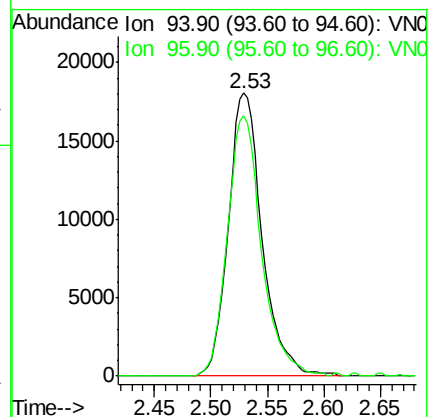
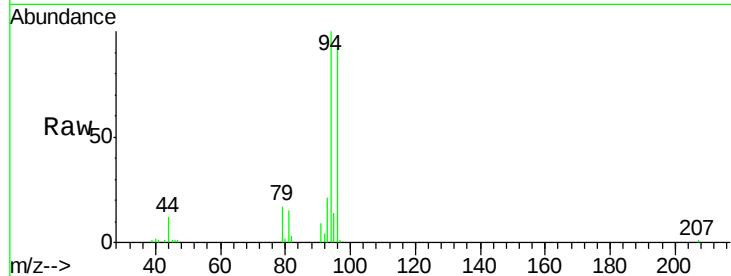
96 92.1 76.7 115.1

Manual Integrations

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#6

Chloroethane

Concen: 21.745 ug/l

RT: 2.67 min Scan# 278

Delta R.T. -0.00 min

Lab File: VN061894.D

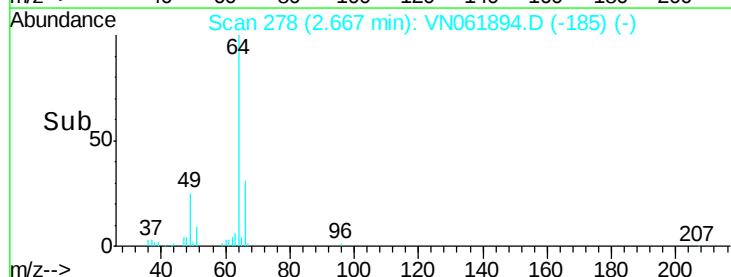
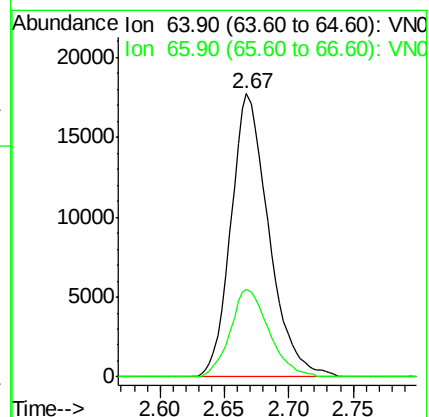
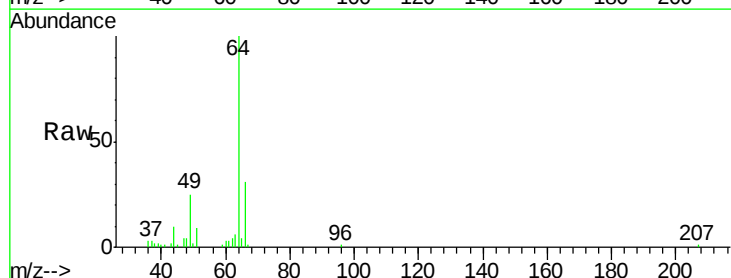
Acq: 18 Jun 2020 12:50

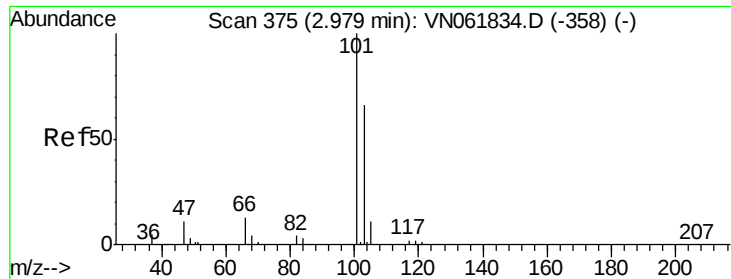
Tgt Ion: 64 Resp: 36091

Ion Ratio Lower Upper

64 100

66 30.9 25.4 38.2





#7

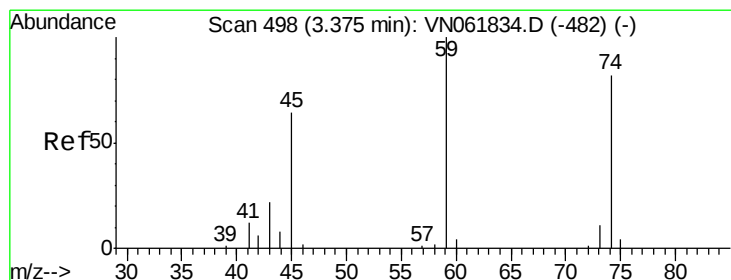
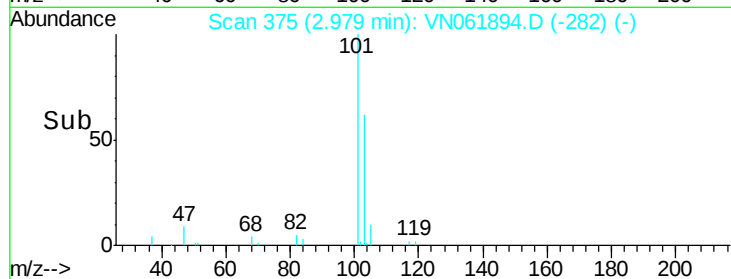
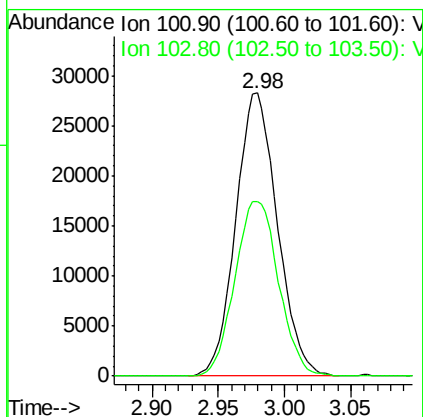
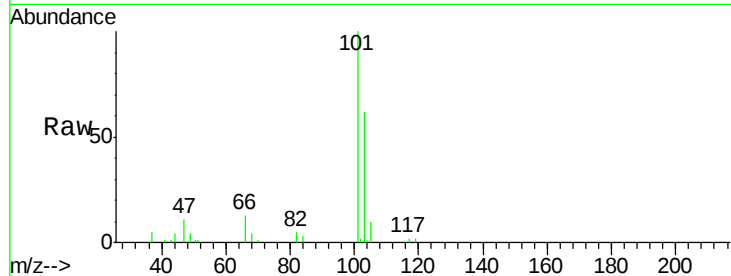
Trichlorofluoromethane
Concen: 21.060 ug/l
RT: 2.98 min Scan# 375
Delta R.T. -0.00 min
Lab File: VN061894.D
Acq: 18 Jun 2020 12:50

Instrument :
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ClientSampleId :
VN0618WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	61.7	52.8	79.2

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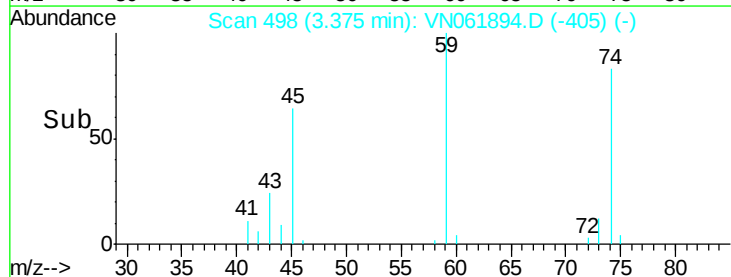
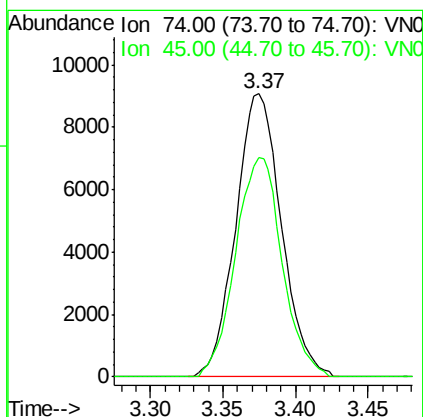
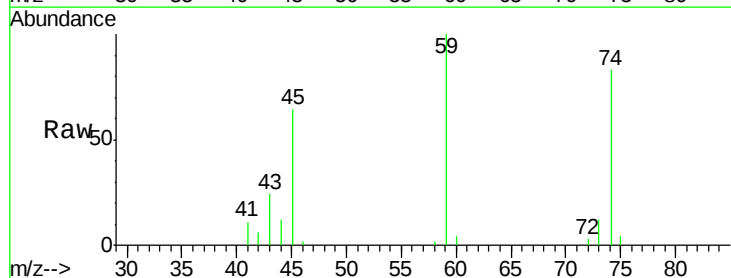
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6/19/2020 1:03:43 PM

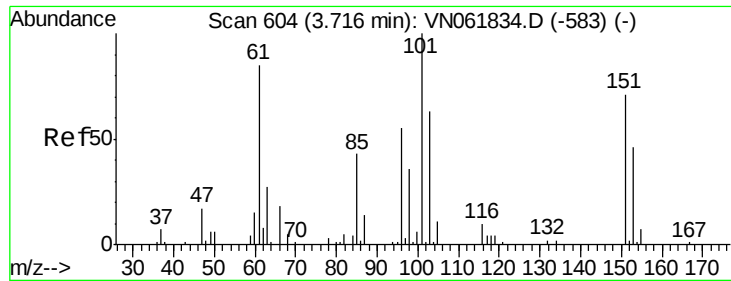


#8

Diethyl Ether
Concen: 20.194 ug/l
RT: 3.37 min Scan# 498
Delta R.T. -0.00 min
Lab File: VN061894.D
Acq: 18 Jun 2020 12:50

Tgt Ion	Ratio	Lower	Upper
74	100		
45	78.7	39.1	117.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.818 ug/l

RT: 3.72 min Scan# 606

Delta R.T. 0.01 min

Lab File: VN061894.D

Acq: 18 Jun 2020 12:50

Instrument :

MSVOA_N

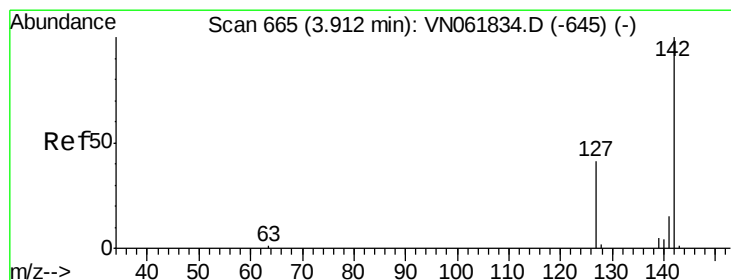
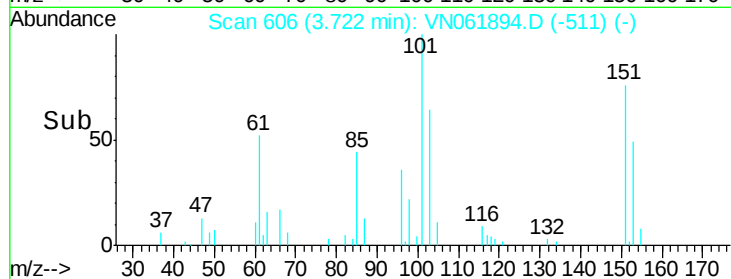
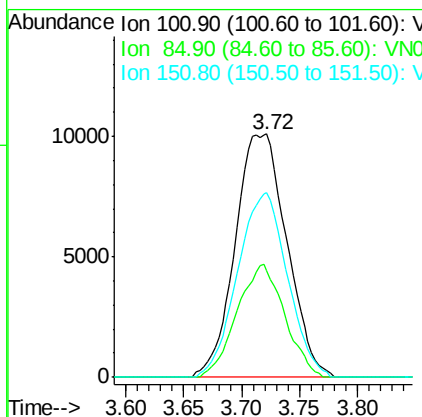
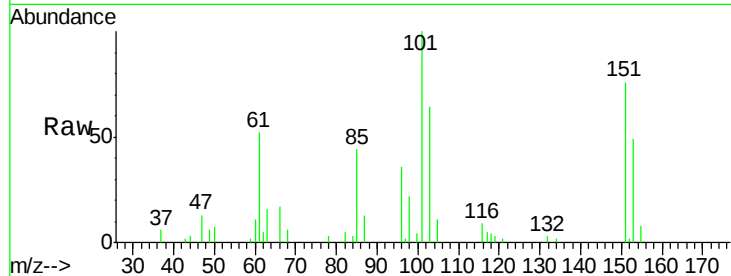
ClientSampled :

VN0618WBS01

Tot Ion:	101	Resp:	31287
Ion Ratio	Lower	Upper	
101	100		
85	42.8	35.0	52.6
151	73.4	59.2	88.8

Manual Integrations
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#10

Methyl Iodide

Concen: 22.109 ug/l

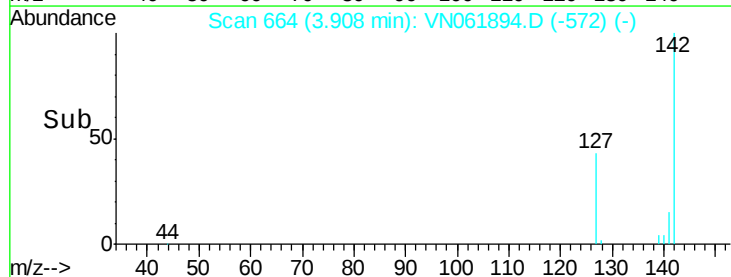
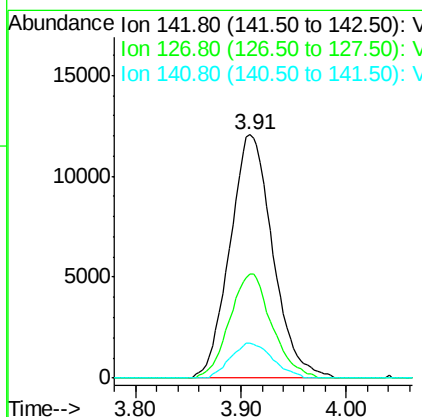
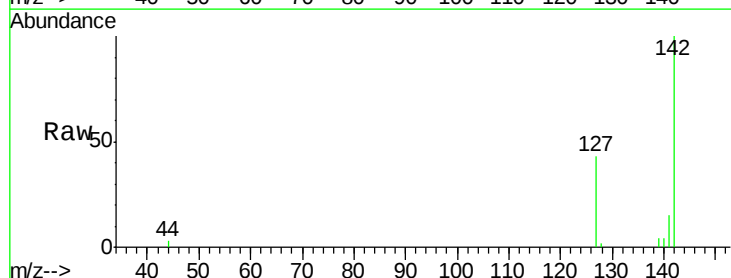
RT: 3.91 min Scan# 664

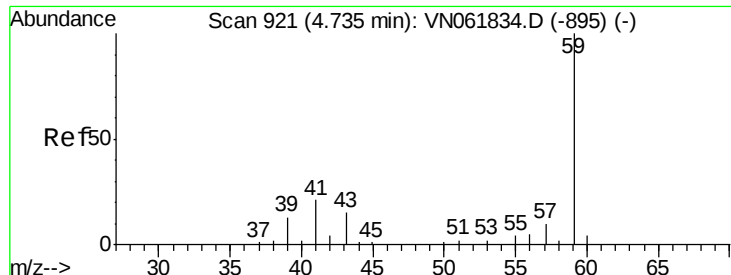
Delta R.T. -0.00 min

Lab File: VN061894.D

Acq: 18 Jun 2020 12:50

Tgt Ion:	142	Resp:	34079
Ion Ratio	Lower	Upper	
142	100		
127	42.1	33.4	50.0
141	14.1	11.3	16.9





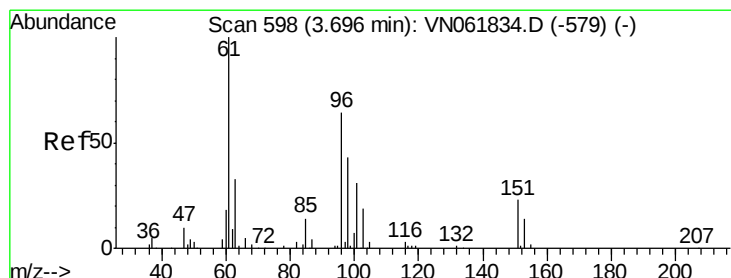
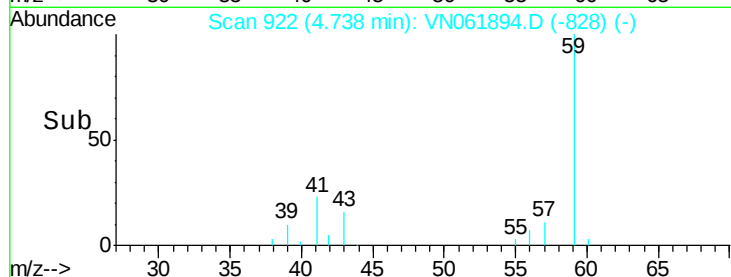
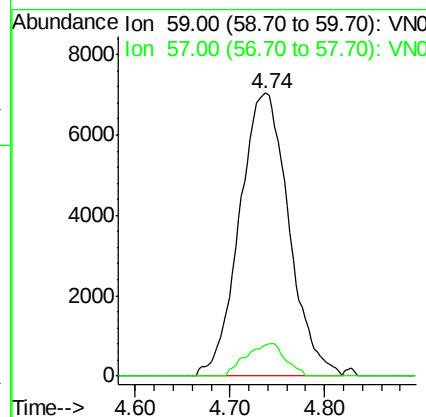
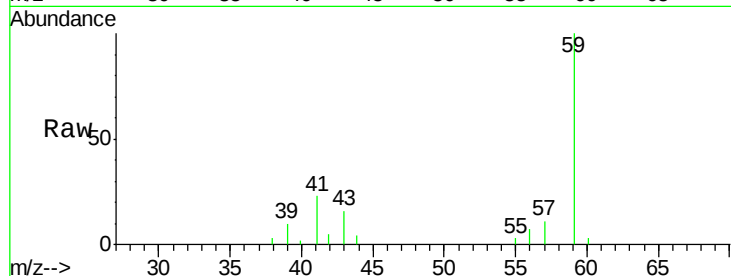
#11
Tert butyl alcohol
Concen: 92.582 ug/l
RT: 4.74 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN061894.D
Acq: 18 Jun 2020 12:50

Instrument :
MSVOA_N
ClientSampled :
VN0618WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.2	7.7	11.5

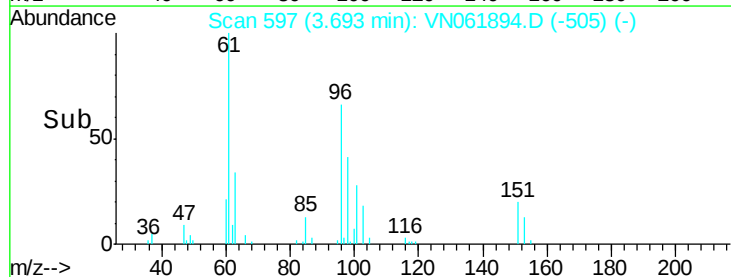
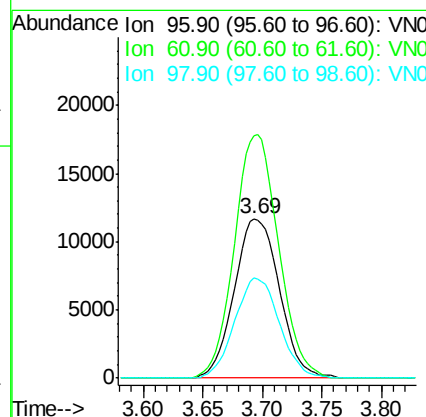
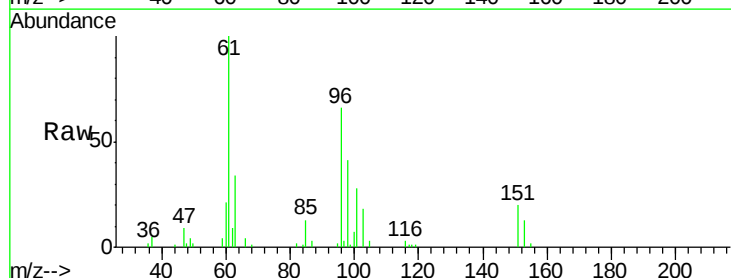
Manual Integrations
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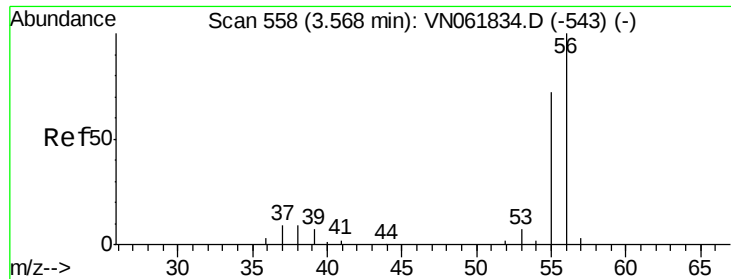
MMDadoda
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#12
1,1-Dichloroethene
Concen: 20.366 ug/l
RT: 3.69 min Scan# 597
Delta R.T. -0.00 min
Lab File: VN061894.D
Acq: 18 Jun 2020 12:50

Tgt Ion	Ratio	Lower	Upper
96	100		
61	152.0	124.3	186.5
98	62.7	53.1	79.7





#13

Acrolein

Concen: 77.188 ug/l

RT: 3.57 min Scan# 558

Delta R.T. -0.00 min

Lab File: VN061894.D

Acq: 18 Jun 2020 12:50

Instrument :

MSVOA_N

ClientSampleId :

VN0618WBS01

Tot Ion: 56 Resp: 12689

Ion Ratio Lower Upper

56 100

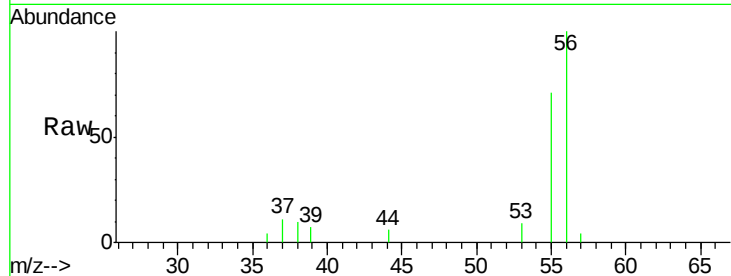
55 70.1 56.2 84.4

Manual Integrations

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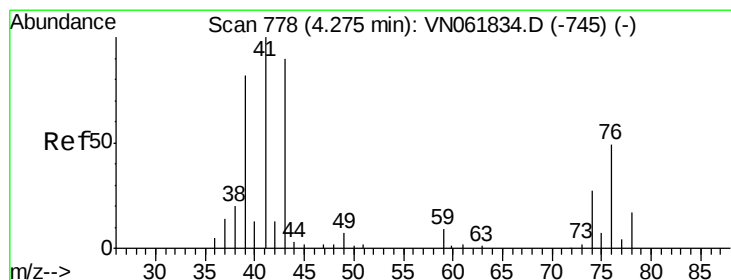
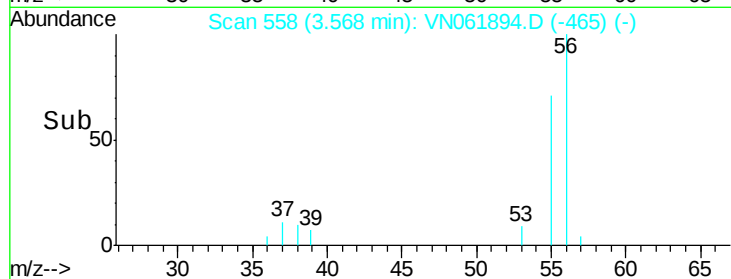
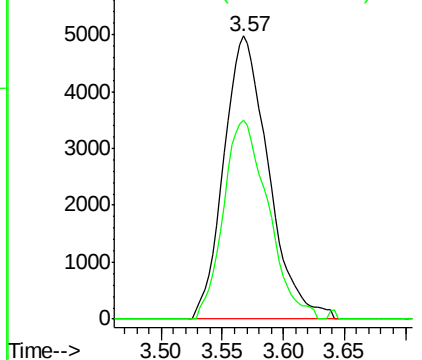
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Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 17.807 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN061894.D

Acq: 18 Jun 2020 12:50

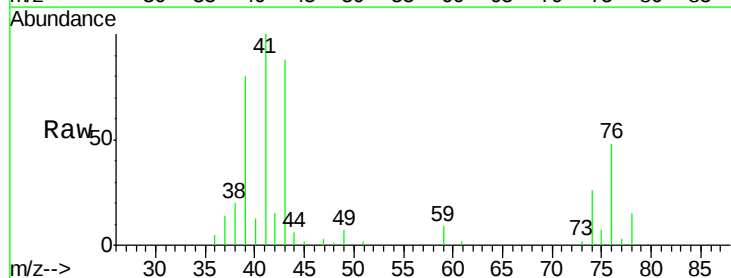
Tgt Ion: 41 Resp: 35588

Ion Ratio Lower Upper

41 100

39 79.9 60.2 90.2

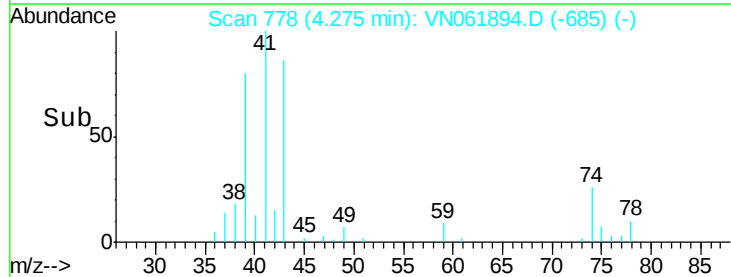
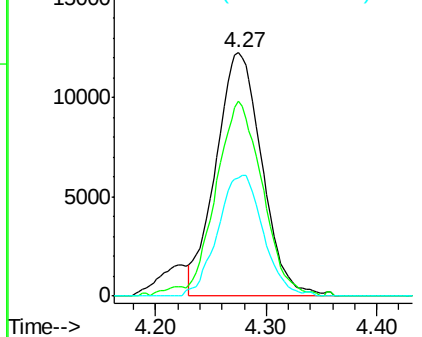
76 48.6 36.3 54.5

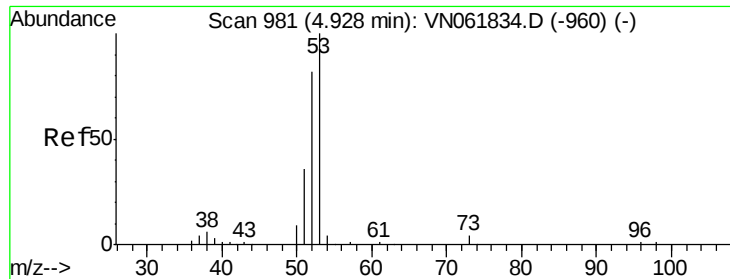


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 101.991 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN061894.D

Acq: 18 Jun 2020 12:50

Instrument :

MSVOA_N

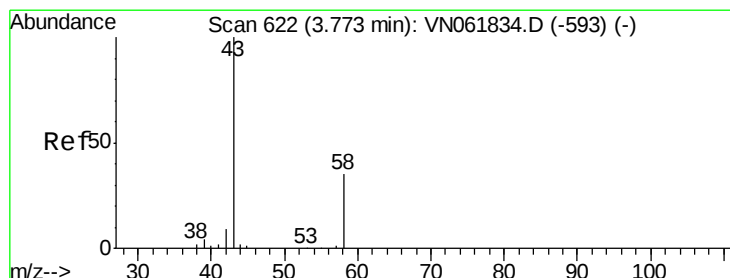
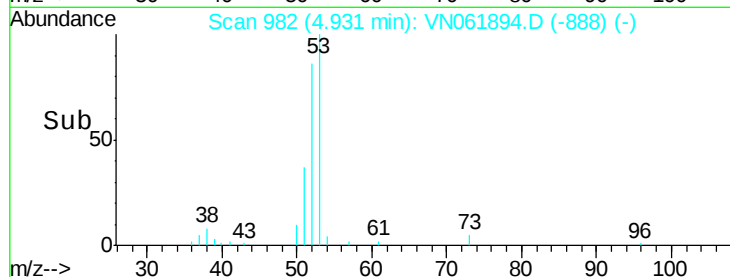
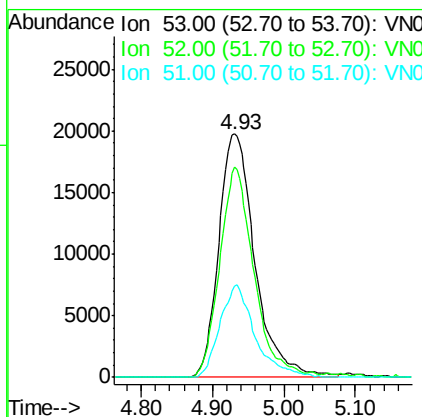
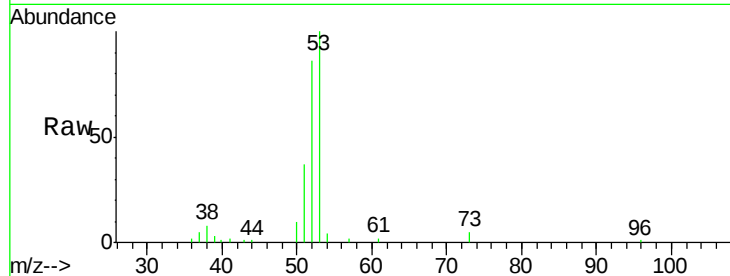
ClientSampleId :

VN0618WBS01

Tot Ion:	53	Resp:	69510
Ion	Ratio	Lower	Upper
53	100		
52	81.1	65.2	97.8
51	36.8	29.3	43.9

Manual Integrations
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#16

Acetone

Concen: 96.534 ug/l

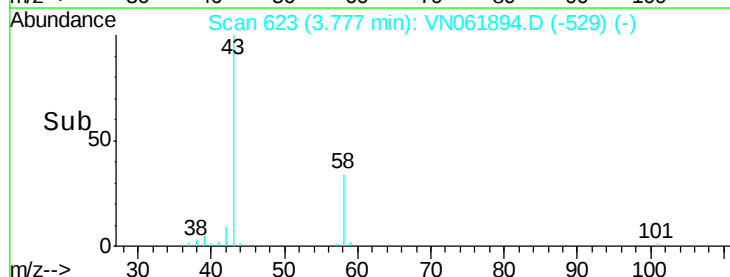
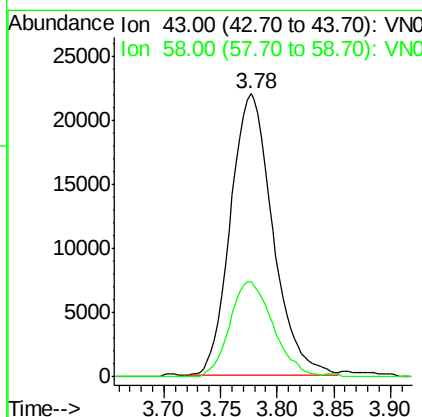
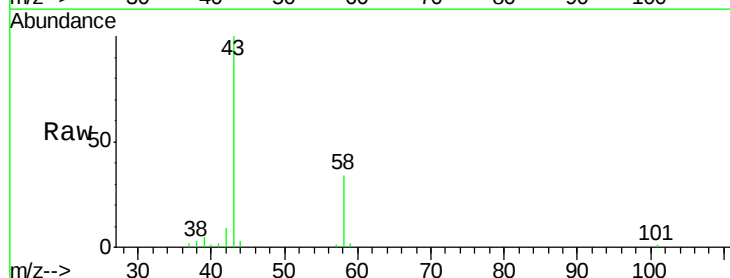
RT: 3.78 min Scan# 623

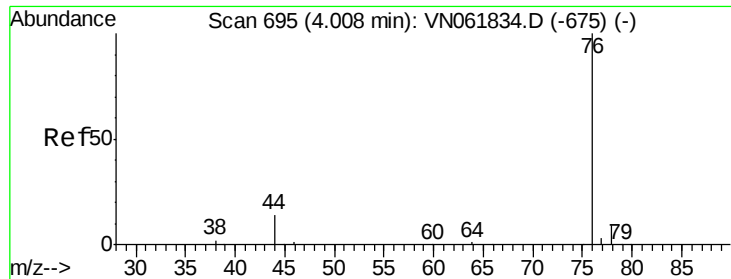
Delta R.T. 0.00 min

Lab File: VN061894.D

Acq: 18 Jun 2020 12:50

Tgt Ion:	43	Resp:	56677
Ion	Ratio	Lower	Upper
43	100		
58	33.9	27.8	41.8





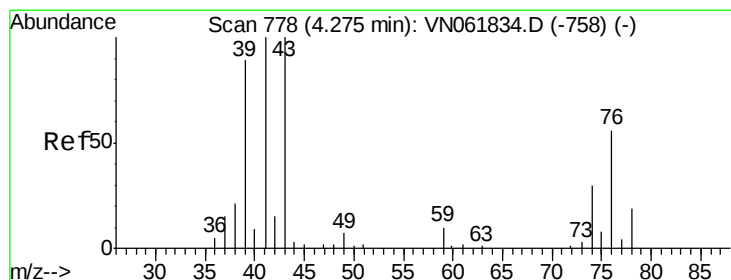
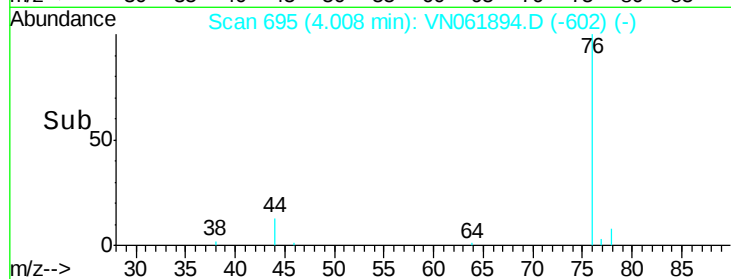
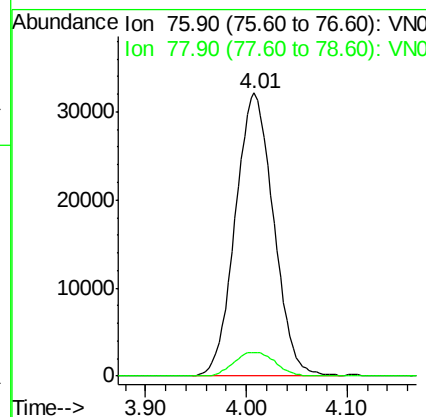
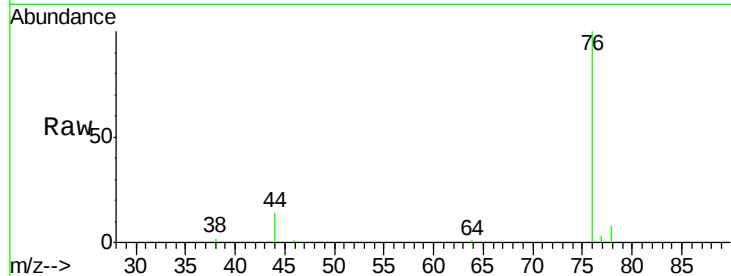
#17
Carbon Disulfide
Concen: 19.224 ug/l
RT: 4.01 min Scan# 695
Delta R.T. -0.00 min
Lab File: VN061894.D
Acq: 18 Jun 2020 12:50

Instrument :
MSVOA_N
ClientSampleId :
VN0618WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.4	7.3	10.9

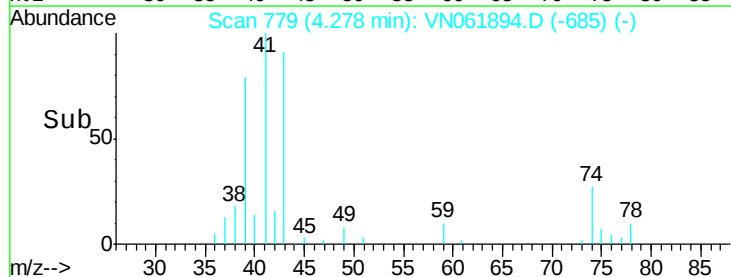
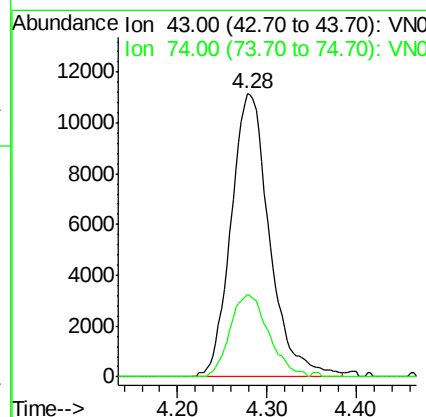
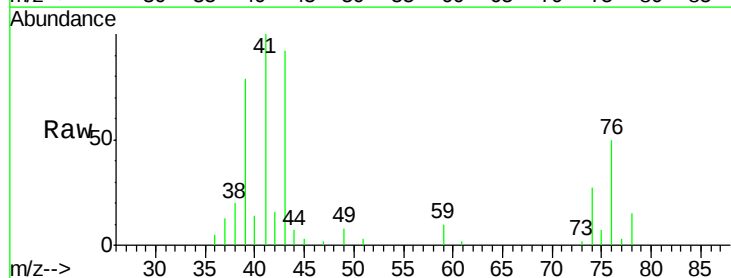
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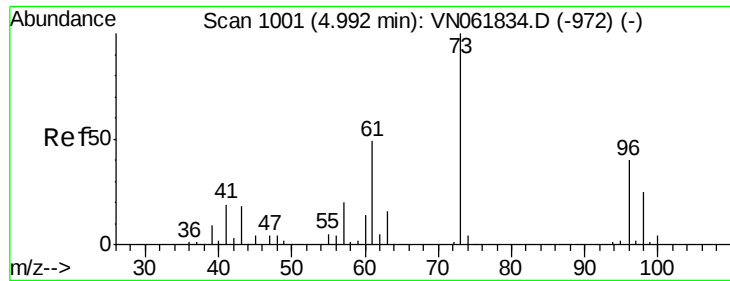
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#18
Methyl Acetate
Concen: 19.751 ug/l
RT: 4.28 min Scan# 779
Delta R.T. 0.00 min
Lab File: VN061894.D
Acq: 18 Jun 2020 12:50

Tgt Ion	Ratio	Lower	Upper
43	100		
74	29.1	23.0	34.4





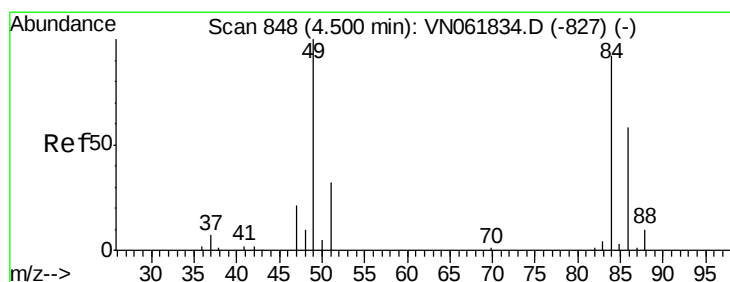
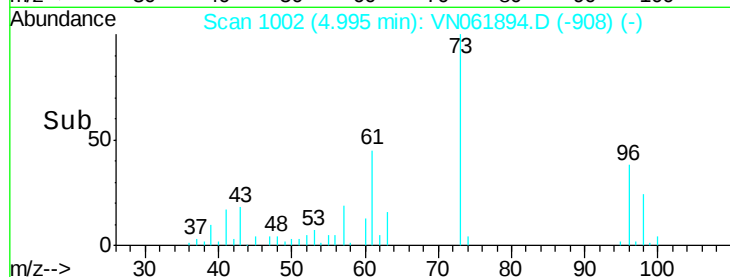
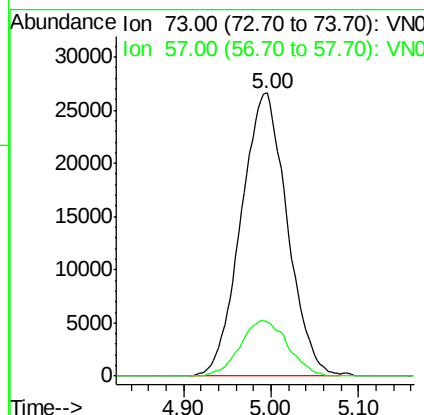
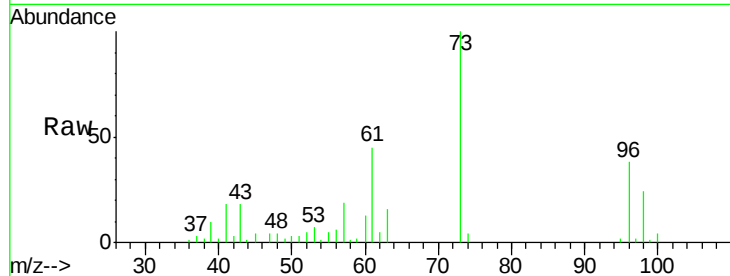
#19
Methyl tert-butyl Ether
Concen: 19.431 ug/l
RT: 5.00 min Scan# 1002
Delta R.T. 0.00 min
Lab File: VN061894.D
Acq: 18 Jun 2020 12:50

Instrument :
MSVOA_N
ClientSampleId :
VN0618WBS01

Tot Ion: 73 Resp: 97423
Ion Ratio Lower Upper
73 100
57 19.3 16.2 24.4

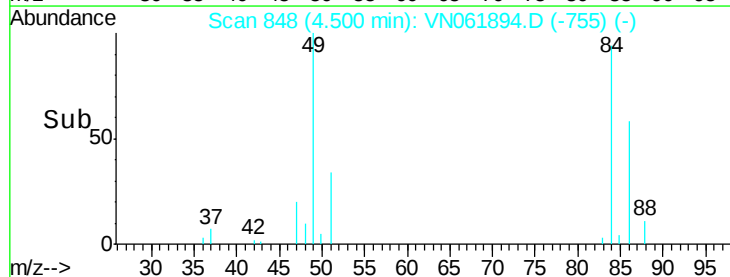
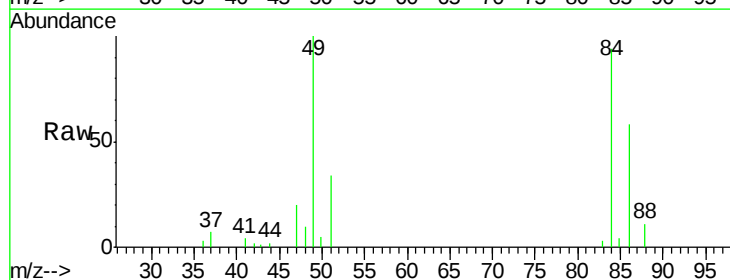
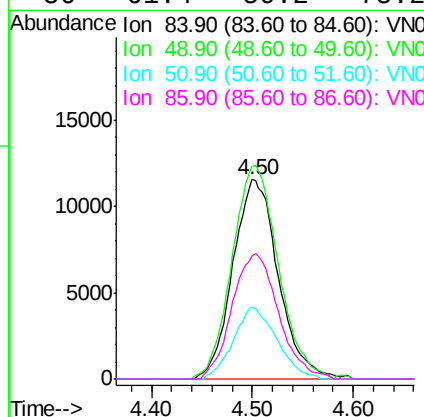
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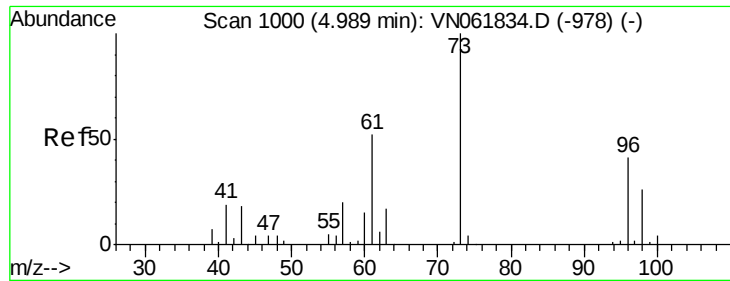
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#20
Methylene Chloride
Concen: 18.872 ug/l
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN061894.D
Acq: 18 Jun 2020 12:50

Tgt Ion: 84 Resp: 36098
Ion Ratio Lower Upper
84 100
49 106.4 87.0 130.4
51 35.9 27.8 41.6
86 61.4 50.2 75.2





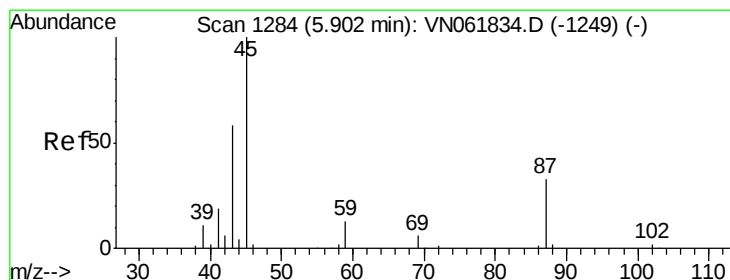
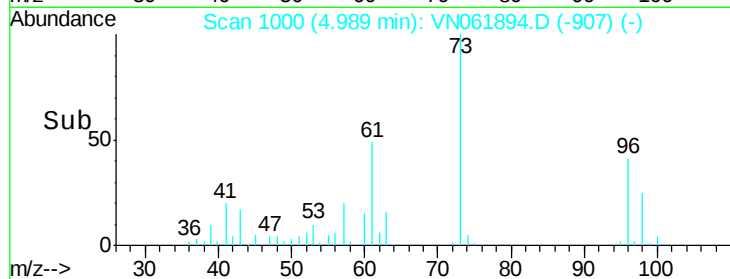
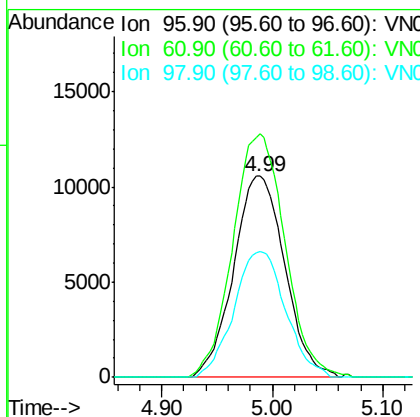
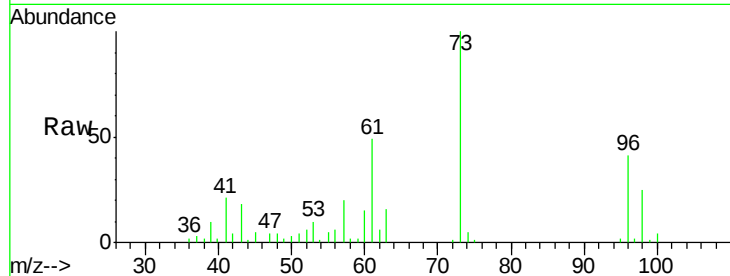
#21
trans-1,2-Dichloroethene
Concen: 19.658 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VN061894.D
Acq: 18 Jun 2020 12:50

Instrument :
MSVOA_N
ClientSampleId :
VN0618WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	121.1	102.2	153.4
98	62.3	51.2	76.8

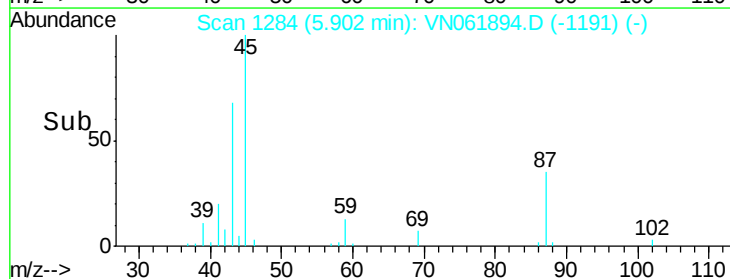
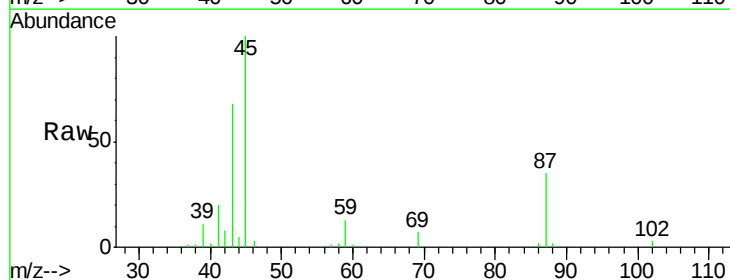
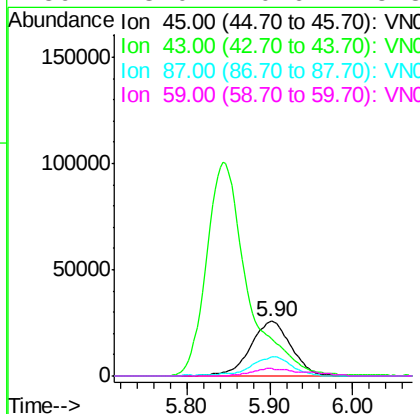
Manual Integrations
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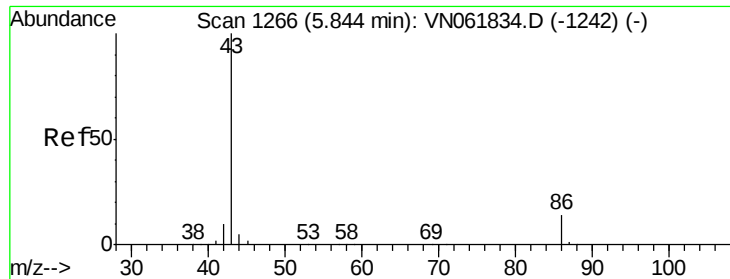
MMDadoda
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#22
Diisopropyl ether
Concen: 19.236 ug/l
RT: 5.90 min Scan# 1284
Delta R.T. -0.00 min
Lab File: VN061894.D
Acq: 18 Jun 2020 12:50

Tgt Ion	Ratio	Lower	Upper
45	100		
43	64.3	49.4	74.2
87	34.8	27.4	41.0
59	13.0	10.6	15.8





#23

Vinyl Acetate

Concen: 95.846 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. -0.00 min

Lab File: VN061894.D

Acq: 18 Jun 2020 12:50

Instrument :

MSVOA_N

ClientSampleId :

VN0618WBS01

Tot Ion: 43 Resp: 344566

Ion Ratio Lower Upper

43 100

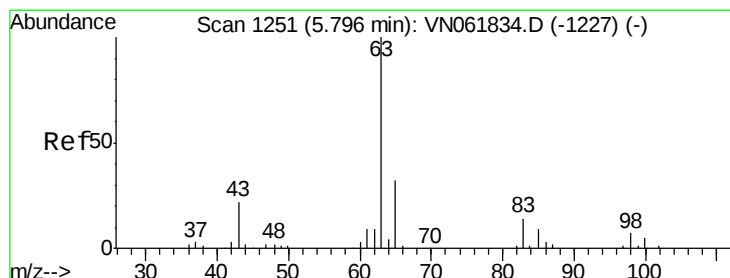
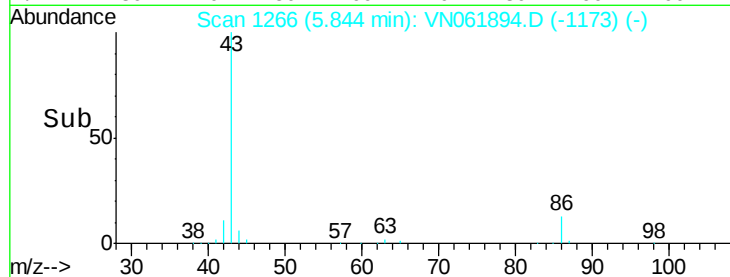
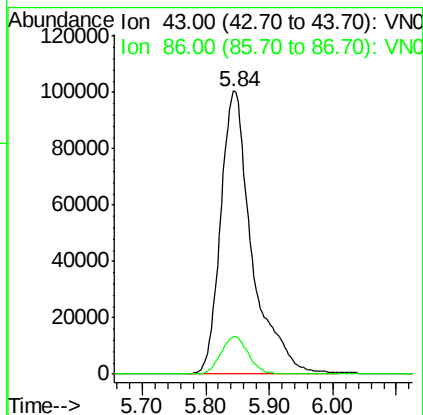
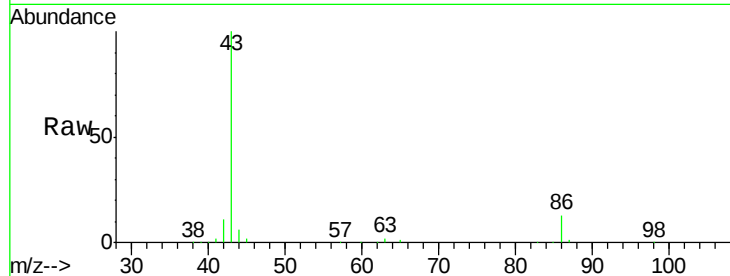
86 13.3 10.9 16.3

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 19.607 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN061894.D

Acq: 18 Jun 2020 12:50

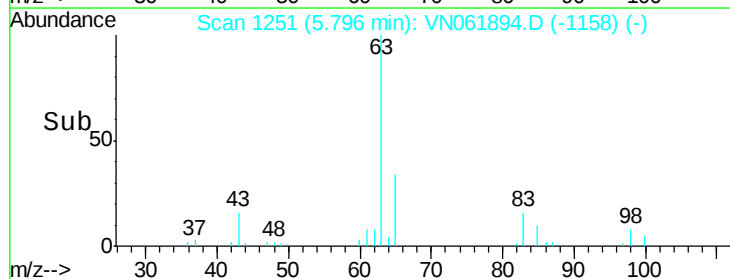
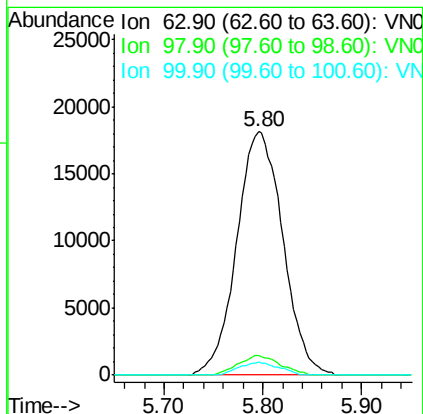
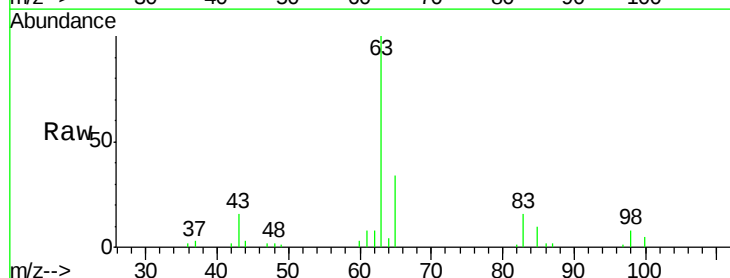
Tgt Ion: 63 Resp: 58666

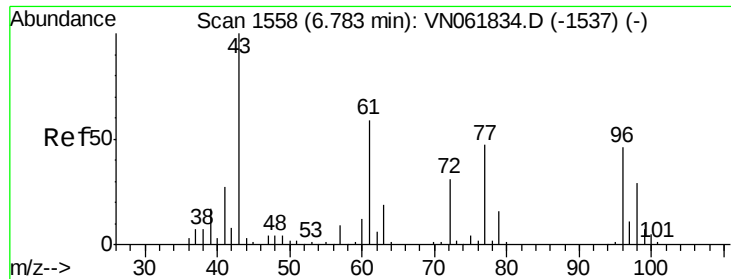
Ion Ratio Lower Upper

63 100

98 7.9 3.5 10.4

100 5.2 2.5 7.4





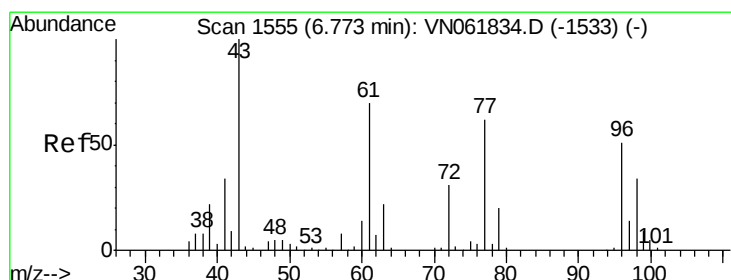
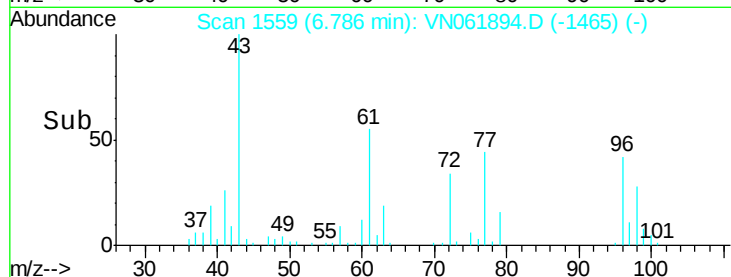
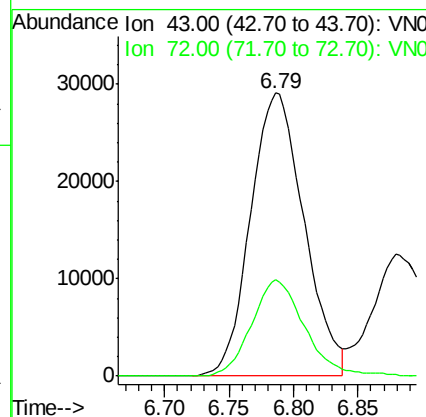
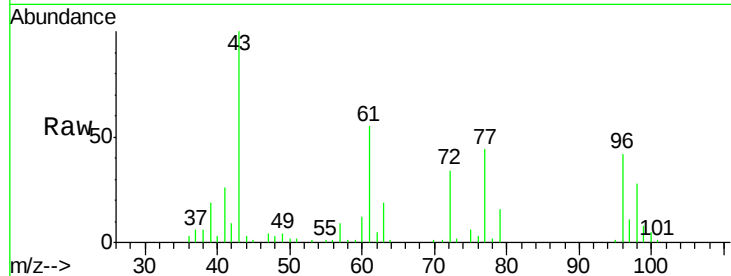
#25
2-Butanone
Concen: 98.163 ug/l
RT: 6.79 min Scan# 1559
Delta R.T. 0.00 min
Lab File: VN061894.D
Acq: 18 Jun 2020 12:50

Instrument :
MSVOA_N
ClientSampleId :
VN0618WBS01

Tot Ion: 43 Resp: 84087
Ion Ratio Lower Upper
43 100
72 33.9 24.6 37.0

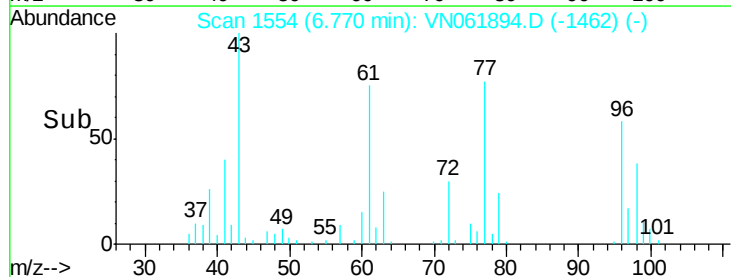
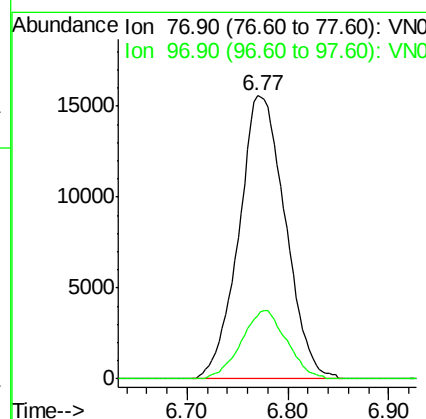
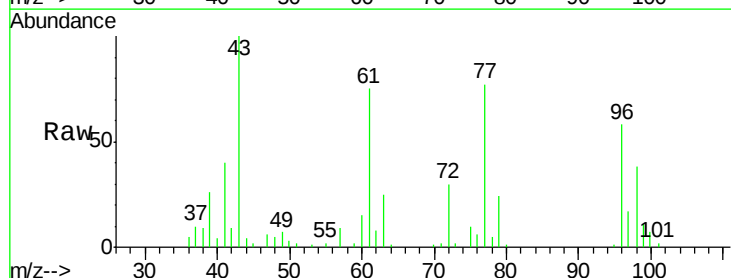
Manual Integrations
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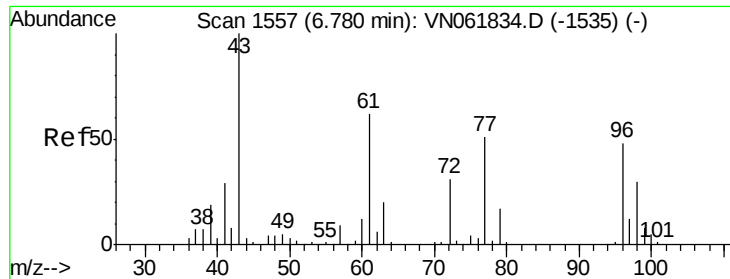
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#26
2,2-Dichloropropane
Concen: 19.775 ug/l
RT: 6.77 min Scan# 1554
Delta R.T. -0.00 min
Lab File: VN061894.D
Acq: 18 Jun 2020 12:50

Tgt Ion: 77 Resp: 49781
Ion Ratio Lower Upper
77 100
97 23.6 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 19.287 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. -0.00 min

Lab File: VN061894.D

Acq: 18 Jun 2020 12:50

Instrument :

MSVOA_N

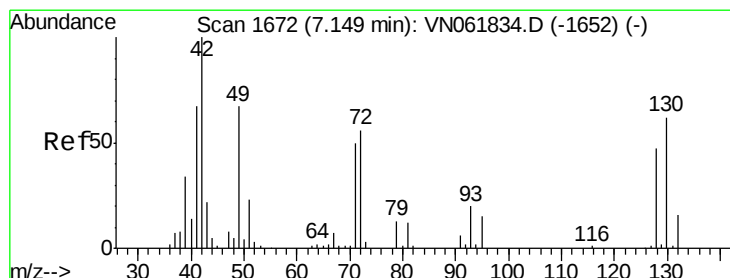
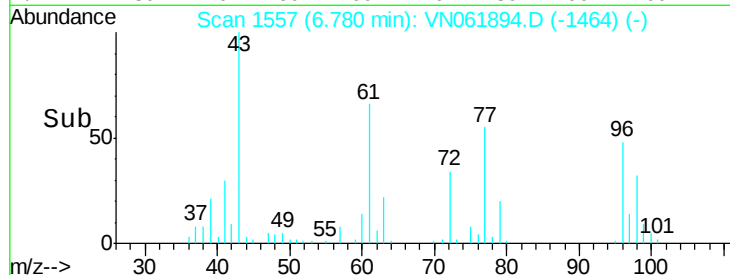
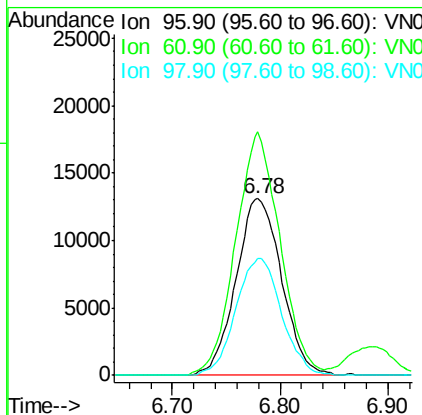
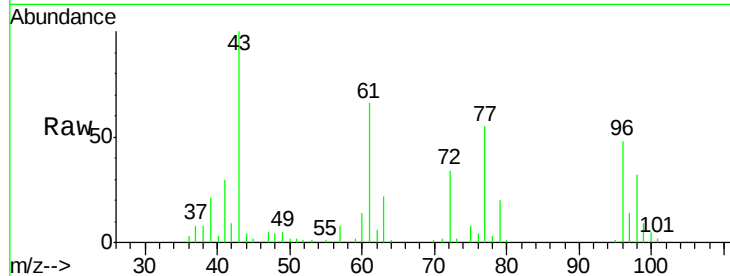
ClientSampleId :

VN0618WBS01

Tot Ion:	96	Resp:	38492
Ion	Ratio	Lower	Upper
96	100		
61	133.6	0.0	265.6
98	66.1	0.0	128.2

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#28

Bromochloromethane

Concen: 19.387 ug/l

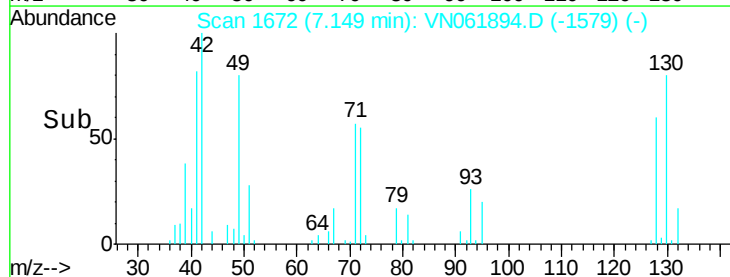
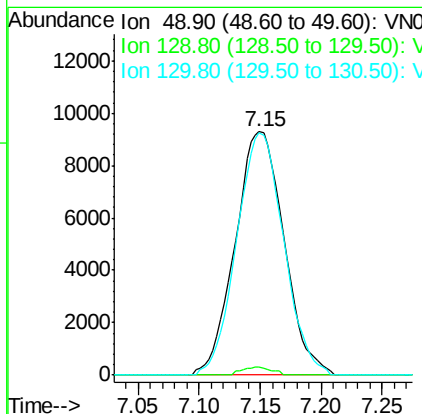
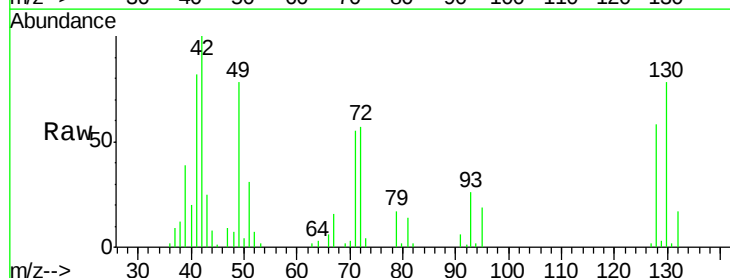
RT: 7.15 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VN061894.D

Acq: 18 Jun 2020 12:50

Tgt Ion:	49	Resp:	25828
Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.0
130	95.5	72.2	108.2





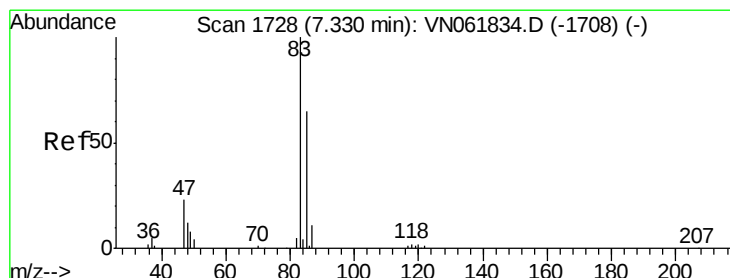
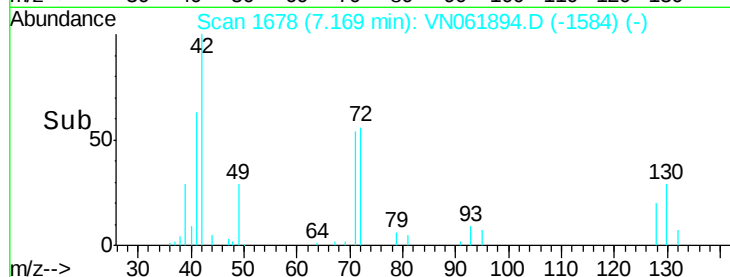
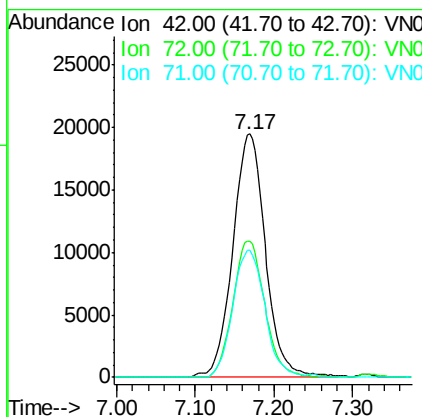
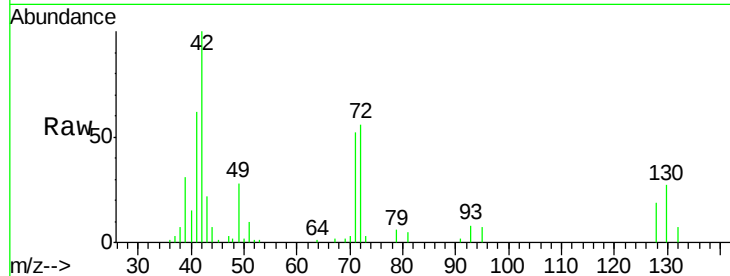
#29
Tetrahydrofuran
Concen: 100.328 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. 0.00 min
Lab File: VN061894.D
Acq: 18 Jun 2020 12:50

Instrument :
MSVOA_N
ClientSampleId :
VN0618WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	54.3	44.0	66.0
71	51.4	40.0	60.0

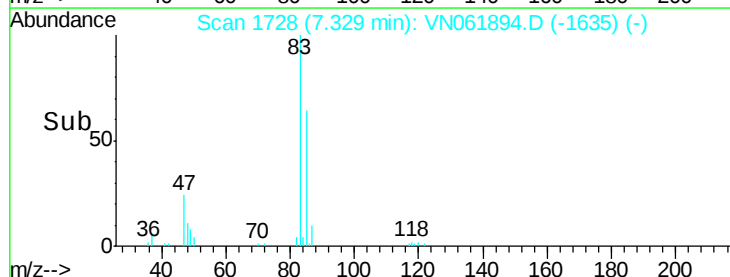
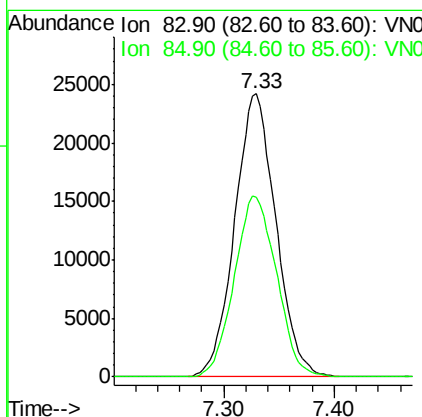
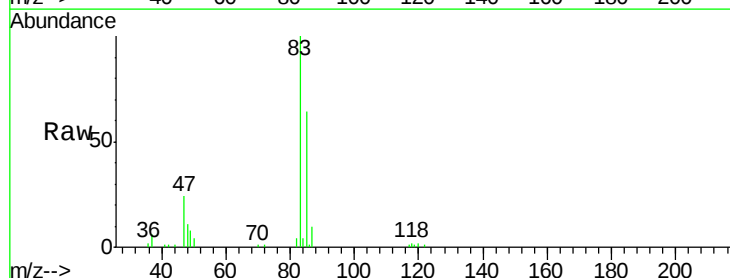
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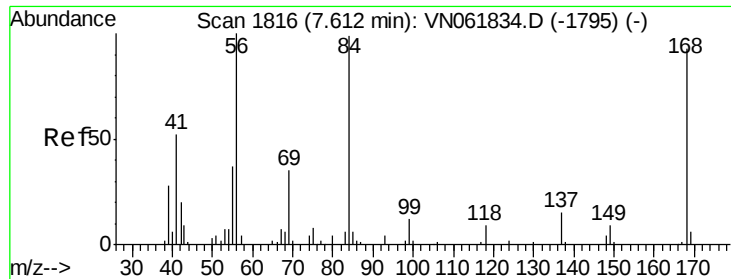
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#30
Chloroform
Concen: 19.546 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. -0.00 min
Lab File: VN061894.D
Acq: 18 Jun 2020 12:50

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.5	52.0	78.0





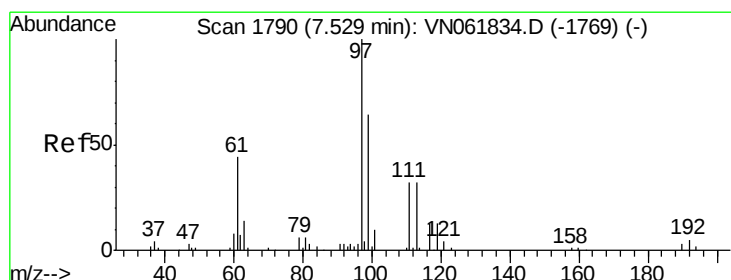
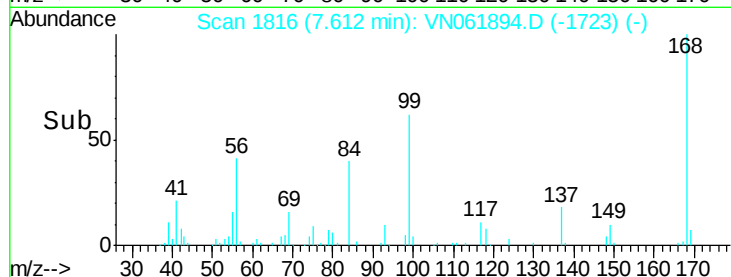
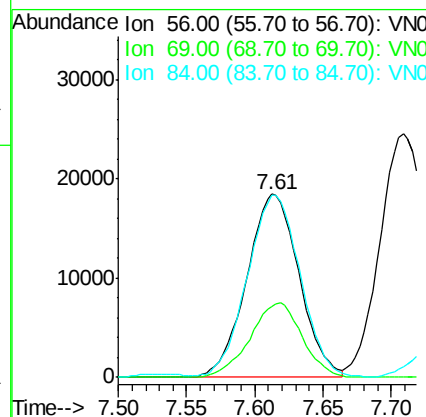
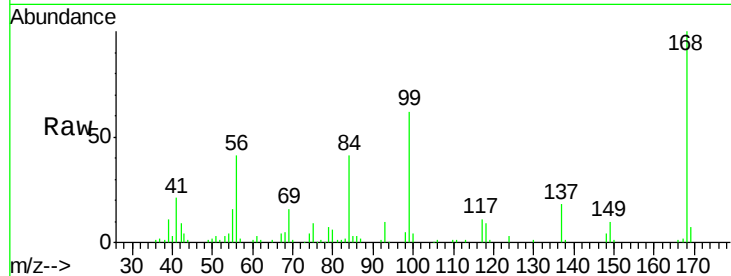
#31
Cyclohexane
Concen: 18.810 ug/l
RT: 7.61 min Scan# 1816
Delta R.T. -0.00 min
Lab File: VN061894.D
Acq: 18 Jun 2020 12:50

Instrument :
MSVOA_N
ClientSampleId :
VN0618WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	38.9	27.7	41.5
84	98.2	79.1	118.7

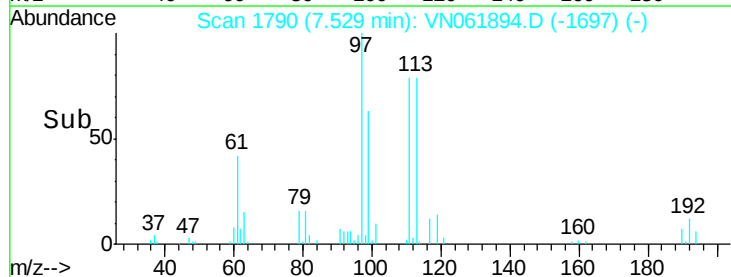
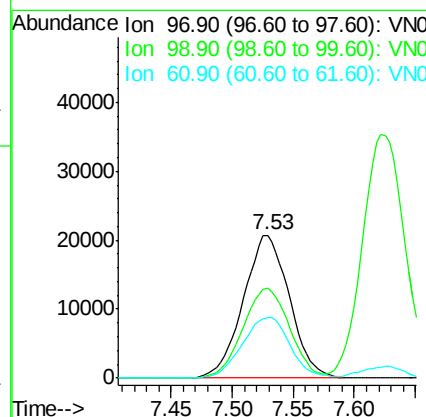
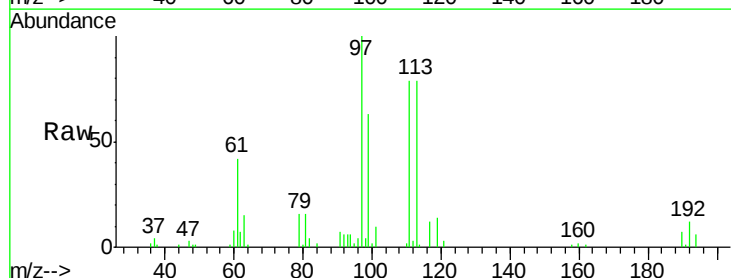
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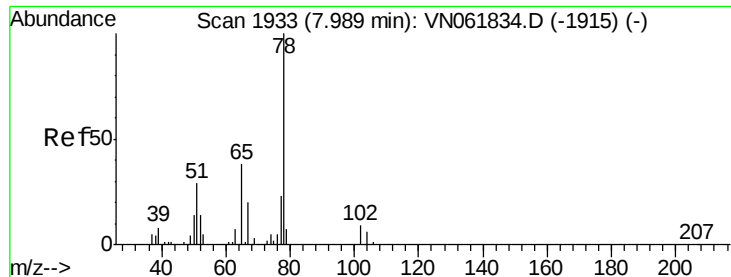
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#32
1,1,1-Trichloroethane
Concen: 19.882 ug/l
RT: 7.53 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VN061894.D
Acq: 18 Jun 2020 12:50

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.5	77.3
61	44.2	35.1	52.7





#33

1,2-Dichloroethane-d4

Concen: 48.257 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN061894.D

Acq: 18 Jun 2020 12:50

Instrument :

MSVOA_N

ClientSampleId :

VN0618WBS01

Tot Ion: 65 Resp: 95918

Ion Ratio Lower Upper

65 100

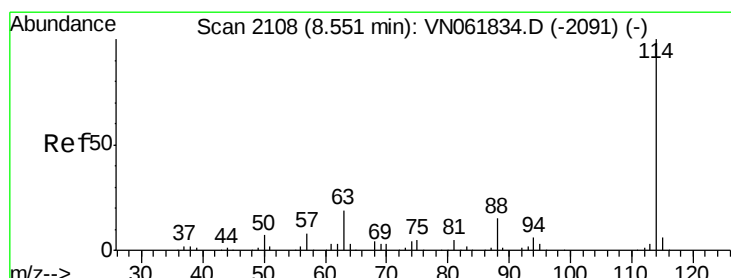
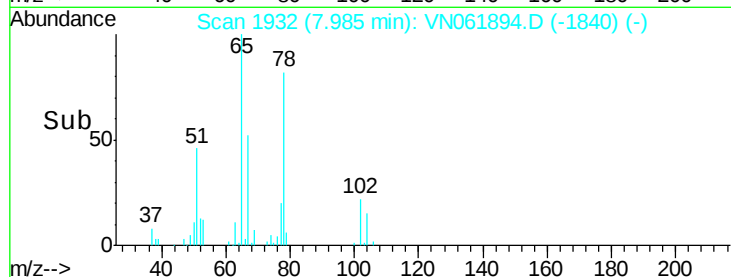
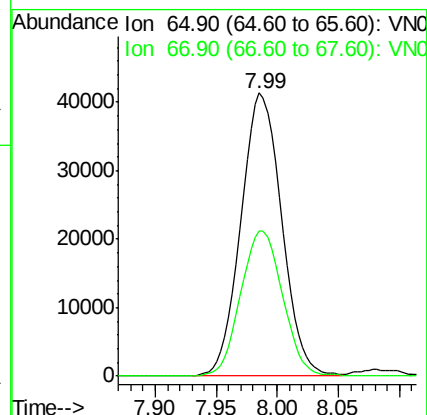
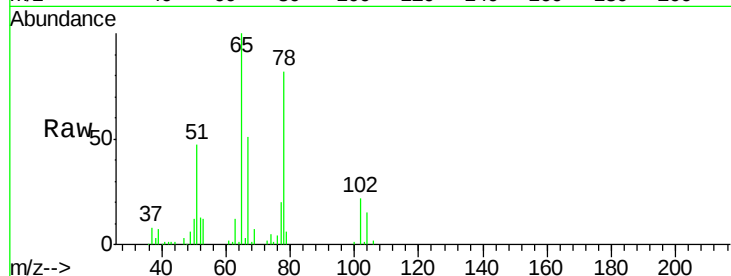
67 52.5 0.0 106.2

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. -0.00 min

Lab File: VN061894.D

Acq: 18 Jun 2020 12:50

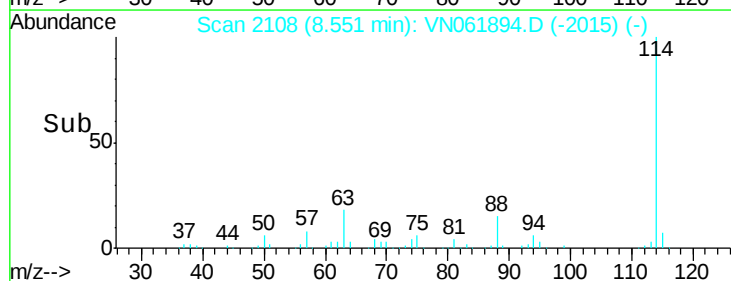
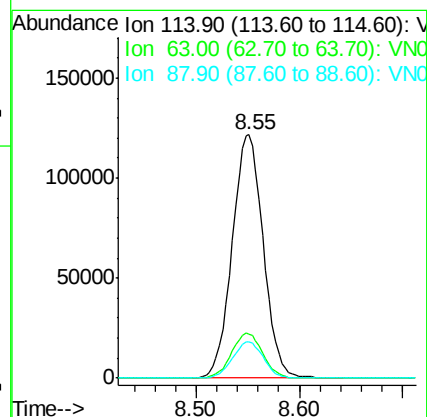
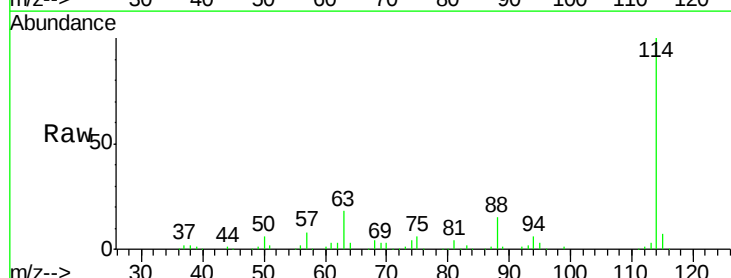
Tgt Ion: 114 Resp: 255152

Ion Ratio Lower Upper

114 100

63 18.1 0.0 37.6

88 15.2 0.0 31.0





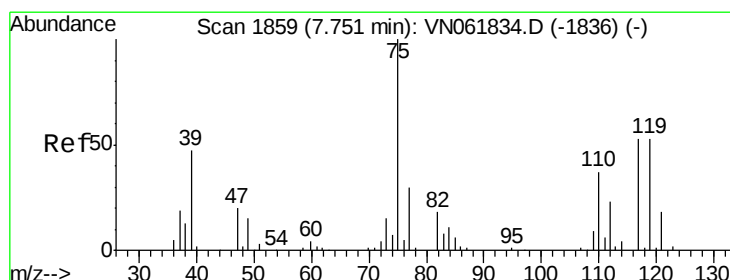
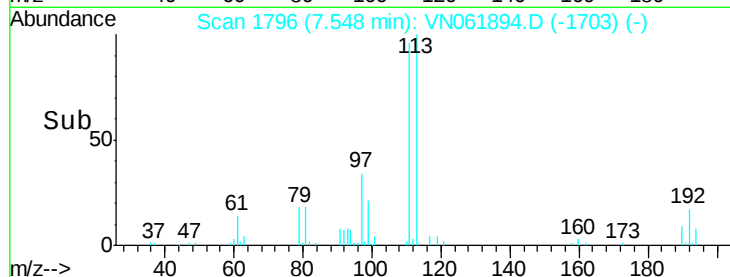
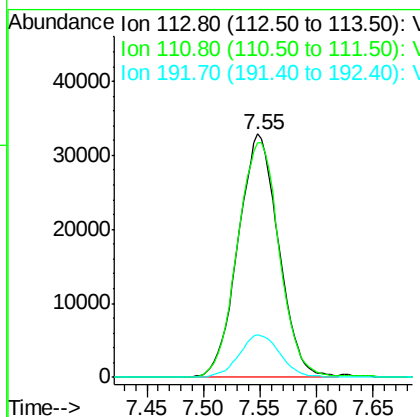
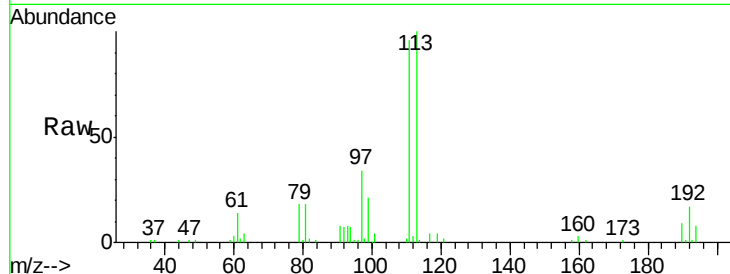
#35
 Dibromofluoromethane
 Concen: 50.195 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN061894.D
 Acq: 18 Jun 2020 12:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0618WBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	99.7	83.7	125.5
192	17.8	13.9	20.9

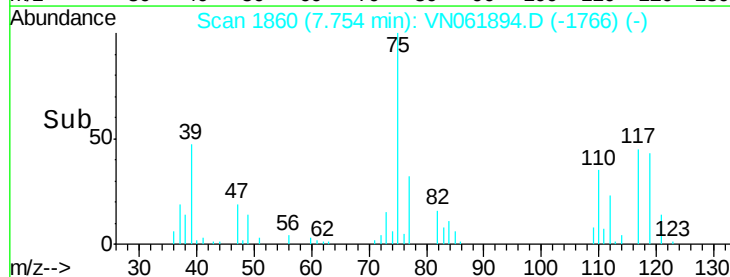
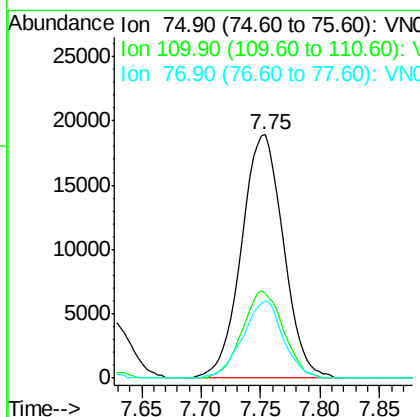
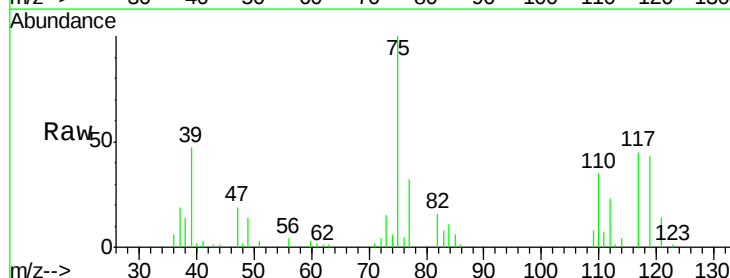
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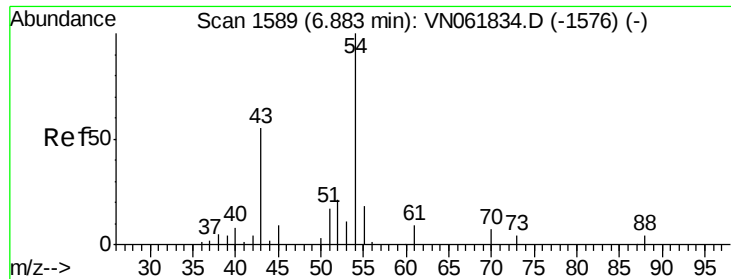
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#36
 1,1-Dichloropropene
 Concen: 19.898 ug/l
 RT: 7.75 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VN061894.D
 Acq: 18 Jun 2020 12:50

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.0	18.2	54.6
77	30.6	24.2	36.4





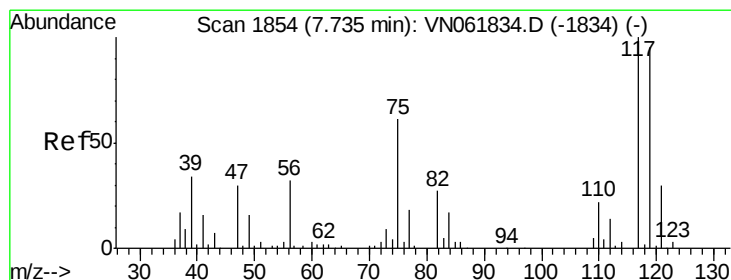
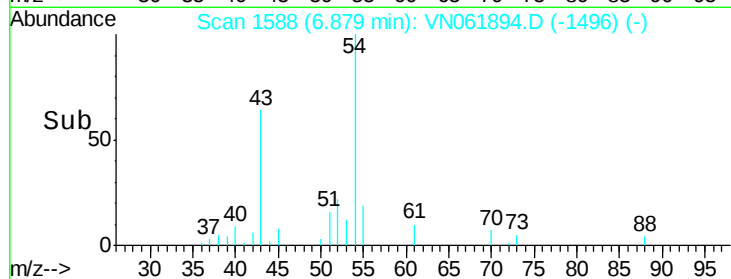
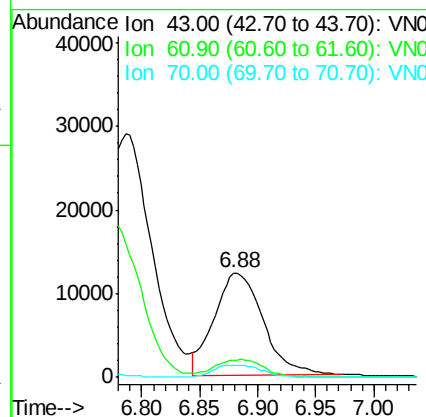
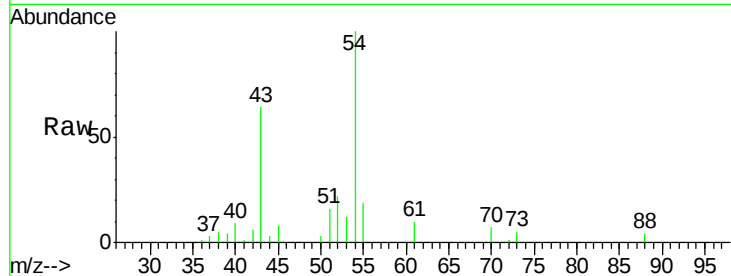
#37
Ethyl Acetate
Concen: 19.898 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.00 min
Lab File: VN061894.D
Acq: 18 Jun 2020 12:50

Instrument :
MSVOA_N
ClientSampleId :
VN0618WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	17.5	13.0	19.4
70	11.8	9.4	14.2

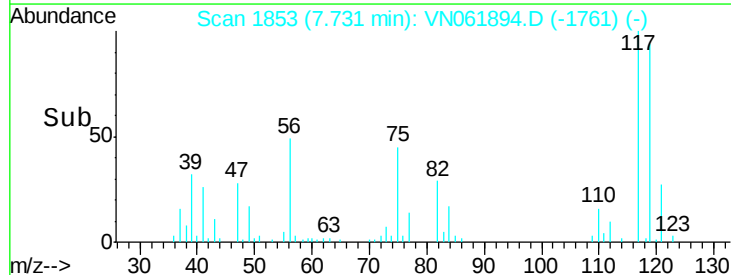
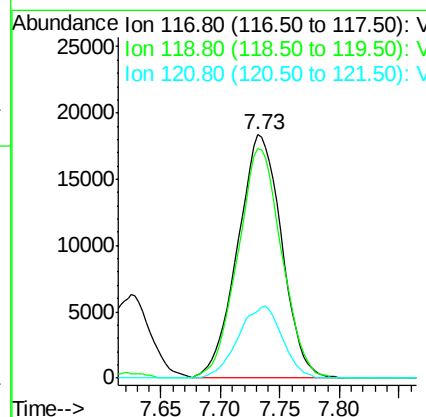
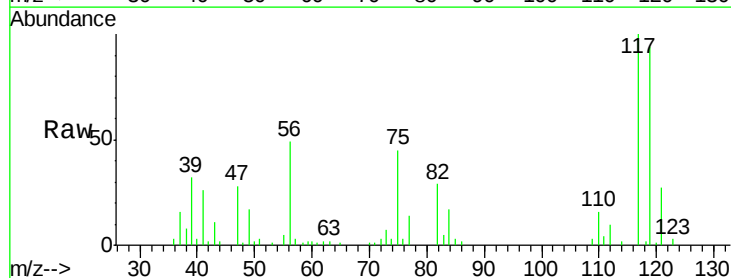
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#38
Carbon Tetrachloride
Concen: 20.427 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN061894.D
Acq: 18 Jun 2020 12:50

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.1	75.8	113.6
121	27.5	23.8	35.6





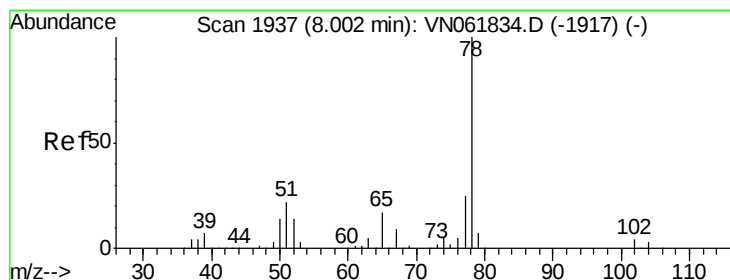
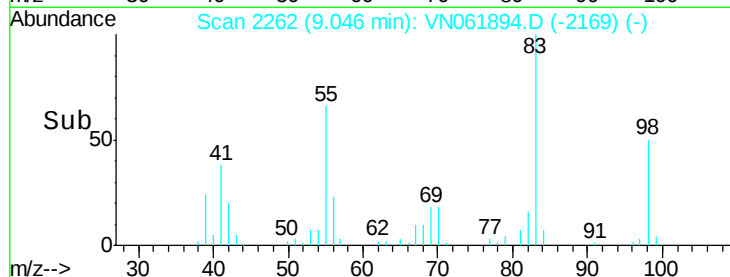
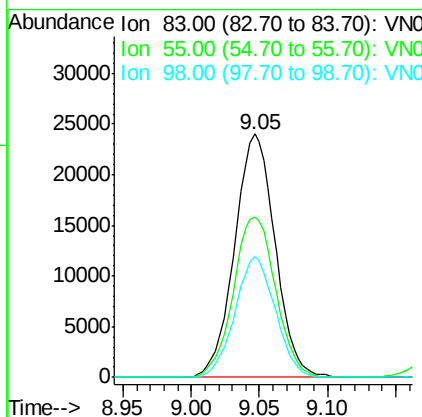
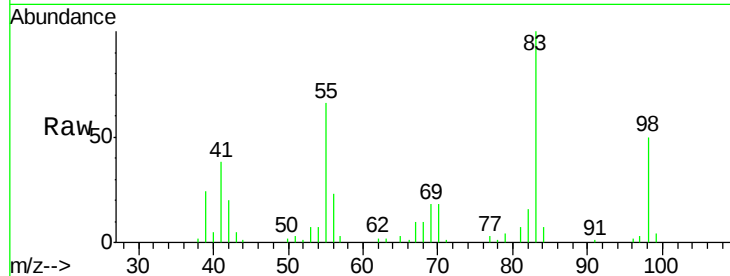
#39
Methvlcvclohexane
Concen: 19.754 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN061894.D
Acq: 18 Jun 2020 12:50

Instrument :
MSVOA_N
ClientSampleId :
VN0618WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	66.0	54.2	81.4
98	49.5	39.8	59.6

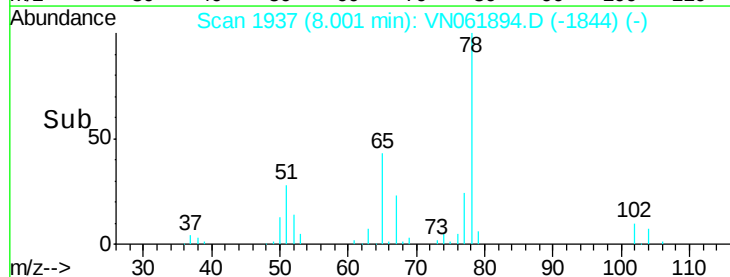
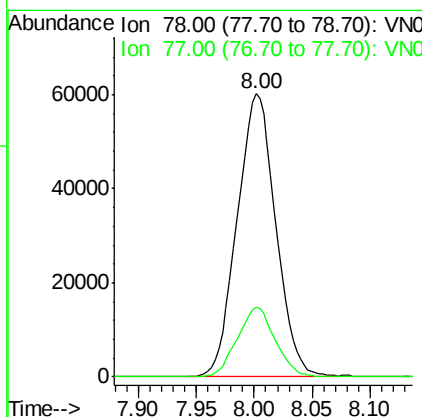
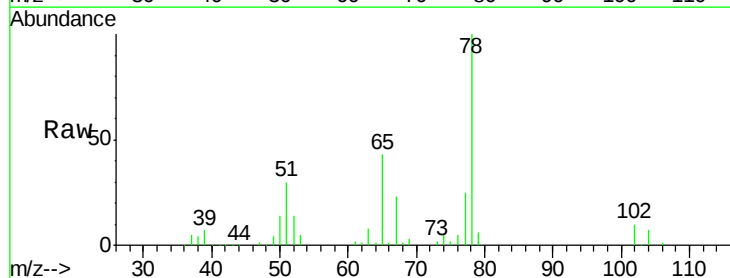
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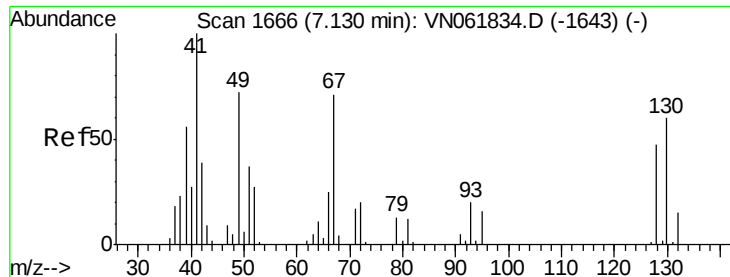
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#40
Benzene
Concen: 19.853 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN061894.D
Acq: 18 Jun 2020 12:50

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.6	19.7	29.5





#41

Methacrylonitrile

Concen: 19.370 ug/l m

RT: 7.13 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VN061894.D

Acq: 18 Jun 2020 12:50

Instrument :

MSVOA_N

ClientSampleId :

VN0618WBS01

Tot Ion: 41 Resp: 15053

Ion Ratio Lower Upper

41 100

39 100.4 0.0 0.0#

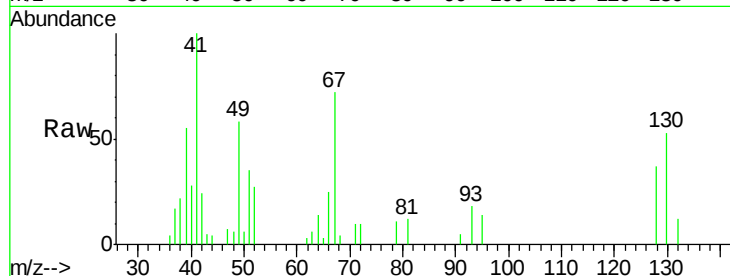
67 0.0 0.0 0.0

52 0.0 0.0 0.0

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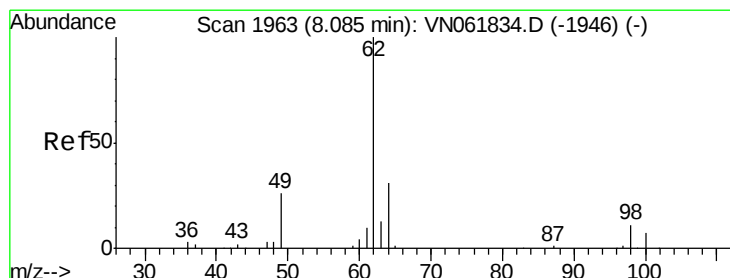
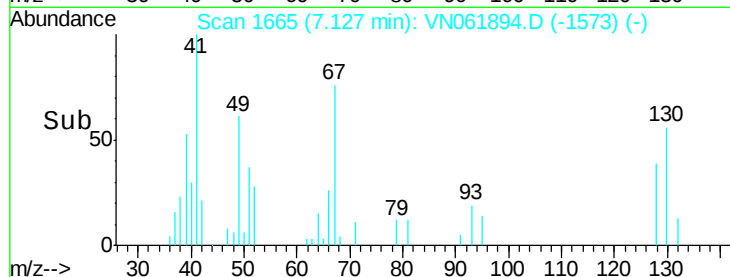
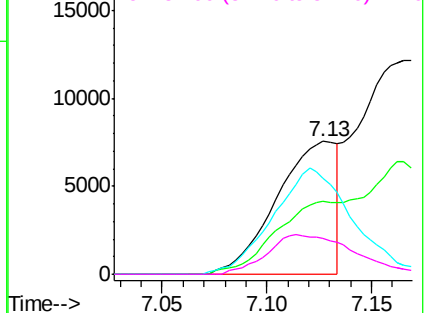


Abundance Ion 41.00 (40.70 to 41.70): VN061834.D (-1643) (-)

Ion 39.00 (38.70 to 39.70): VN061834.D (-1643) (-)

Ion 67.00 (66.70 to 67.70): VN061834.D (-1643) (-)

Ion 52.00 (51.70 to 52.70): VN061834.D (-1643) (-)



#42

1,2-Dichloroethane

Concen: 20.064 ug/l

RT: 8.09 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VN061894.D

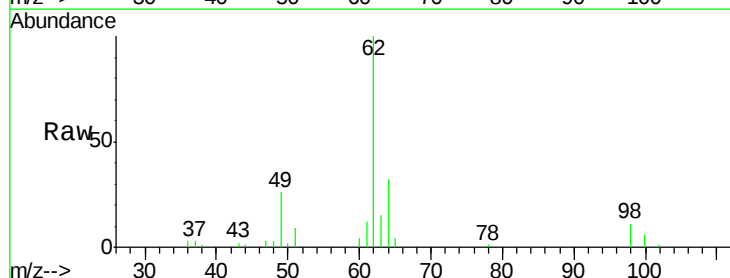
Acq: 18 Jun 2020 12:50

Tgt Ion: 62 Resp: 48229

Ion Ratio Lower Upper

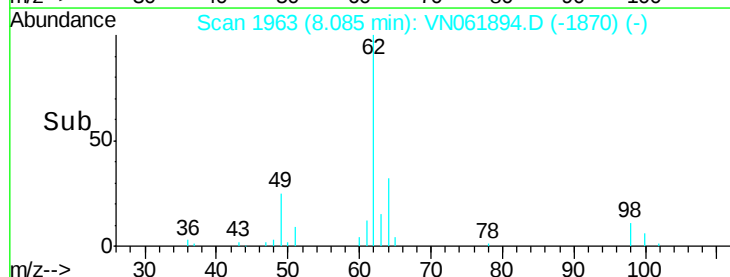
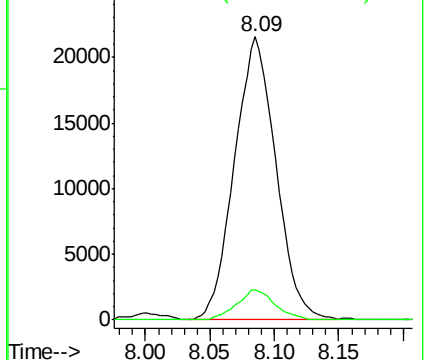
62 100

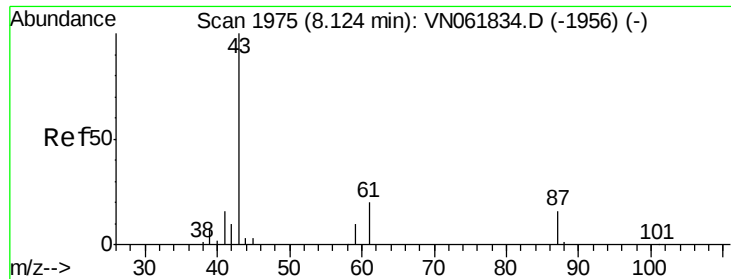
98 9.9 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VN061834.D (-1946) (-)

Ion 97.90 (97.60 to 98.60): VN061834.D (-1946) (-)





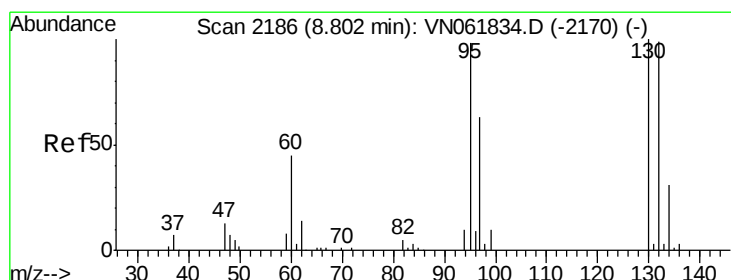
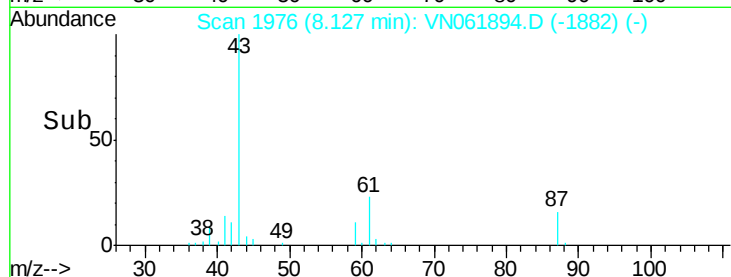
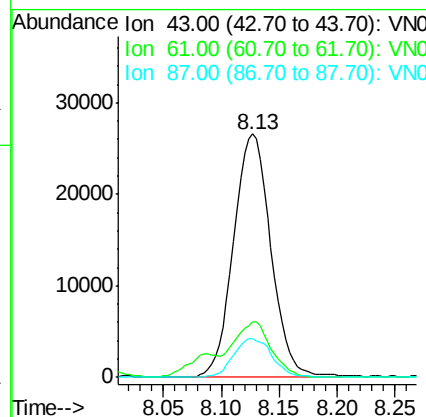
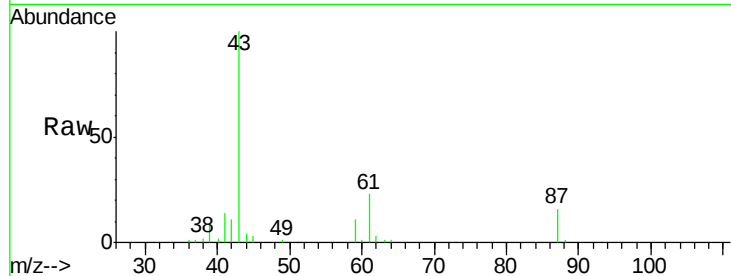
#43
Isopropyl Acetate
Concen: 19.447 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN061894.D
Acq: 18 Jun 2020 12:50

Instrument :
MSVOA_N
ClientSampleId :
VN0618WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.3	24.0	36.0#
87	16.4	12.5	18.7

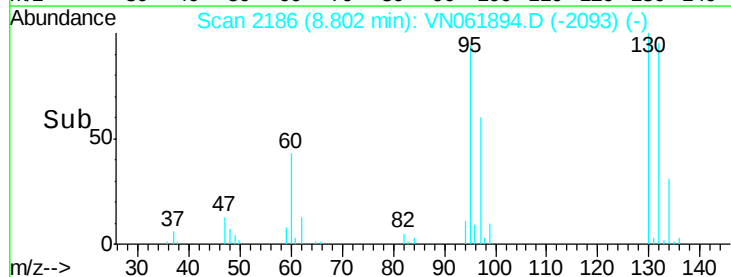
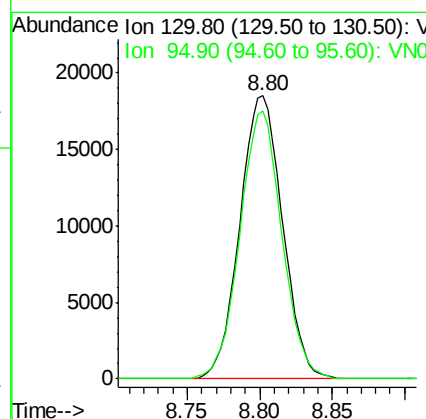
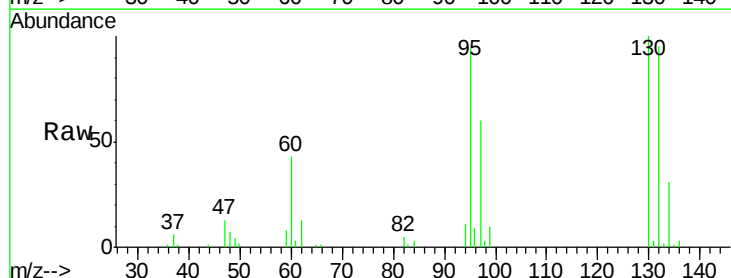
Manual Integrations
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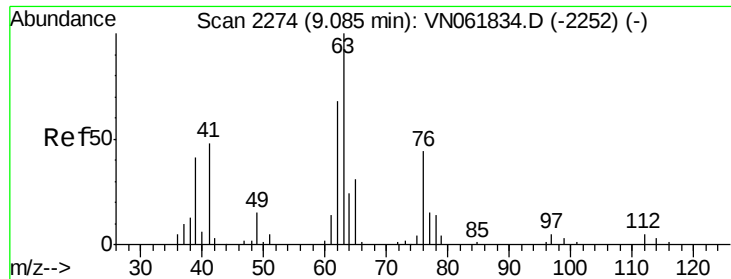
MMDadoda
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#44
Trichloroethene
Concen: 20.418 ug/l
RT: 8.80 min Scan# 2186
Delta R.T. -0.00 min
Lab File: VN061894.D
Acq: 18 Jun 2020 12:50

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.5	0.0	195.6





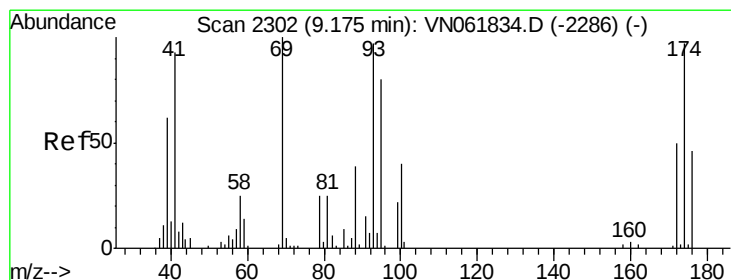
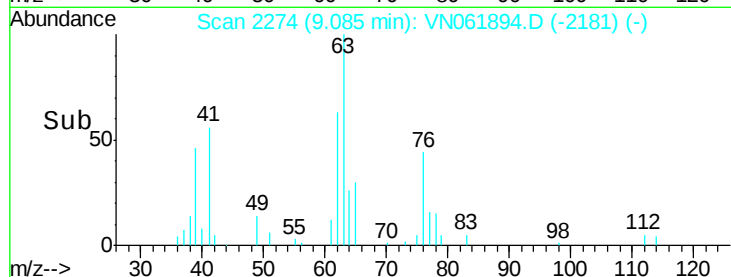
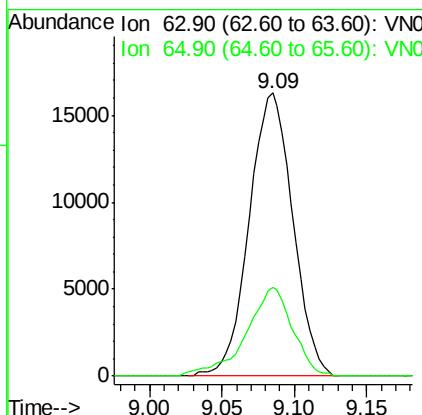
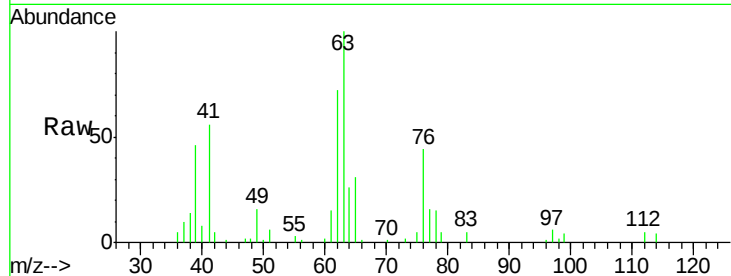
#45
 1,2-Dichloropropane
 Concen: 19.674 ug/l
 RT: 9.09 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN061894.D
 Acq: 18 Jun 2020 12:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0618WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.4	25.1	37.7

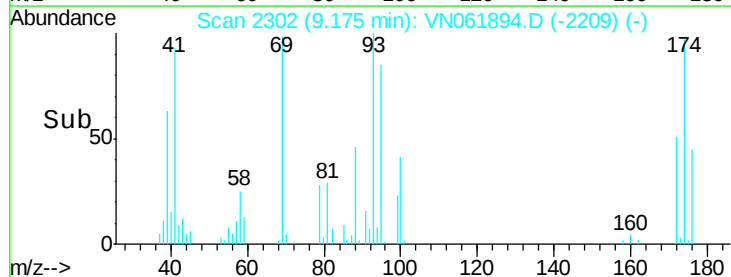
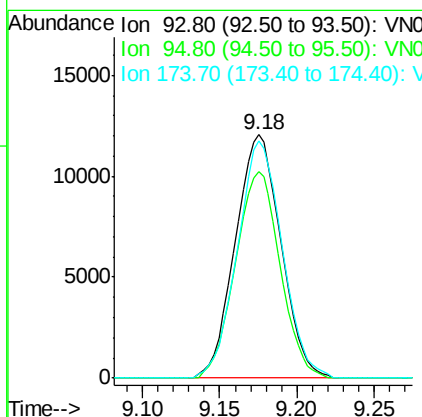
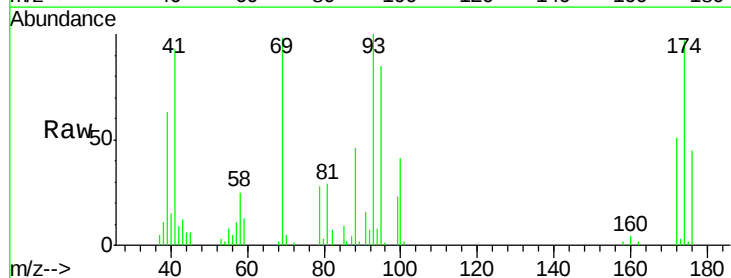
Manual Integrations
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#46
 Dibromomethane
 Concen: 20.233 ug/l
 RT: 9.18 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN061894.D
 Acq: 18 Jun 2020 12:50

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.9	65.8	98.6
174	95.8	78.5	117.7





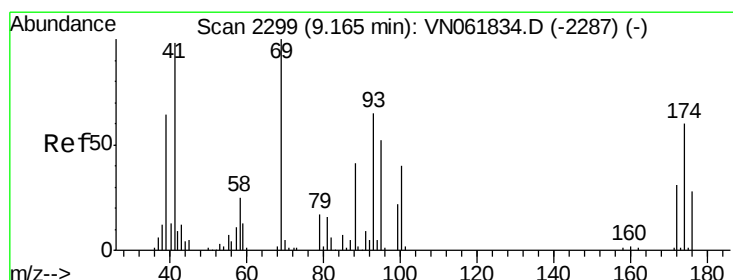
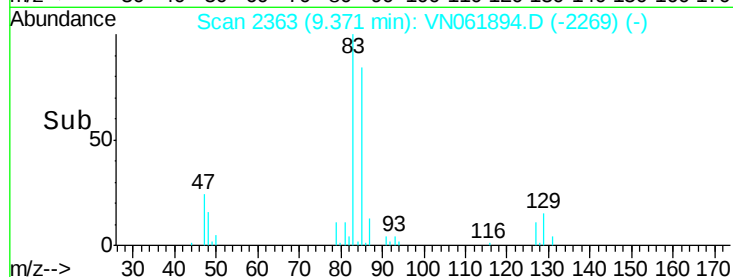
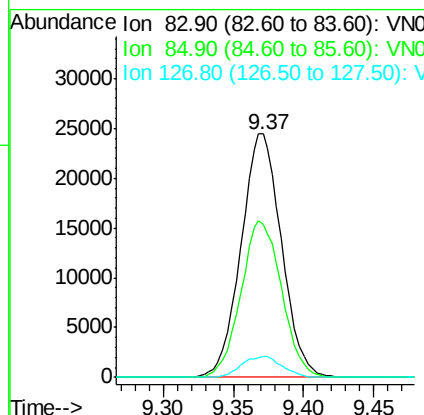
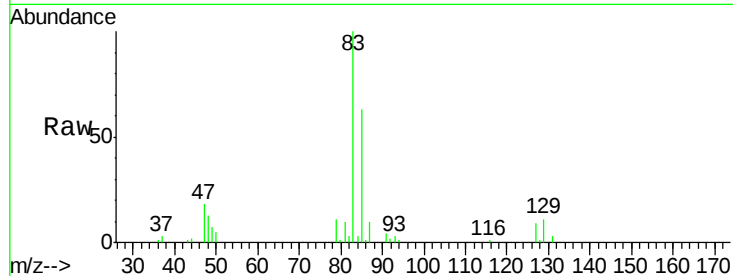
#47
Bromodichloromethane
Concen: 19.625 ug/l
RT: 9.37 min Scan# 2363
Delta R.T. 0.00 min
Lab File: VN061894.D
Acq: 18 Jun 2020 12:50

Instrument :
MSVOA_N
ClientSampleId :
VN0618WBS01

Tot Ion	83	Resp	49026
Ion Ratio	100	Lower	Upper
83	100		
85	62.8	50.8	76.2
127	8.6	7.0	10.4

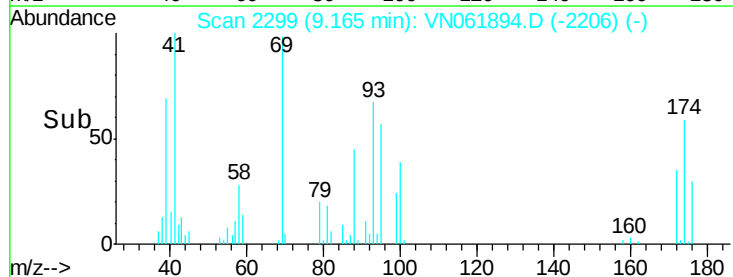
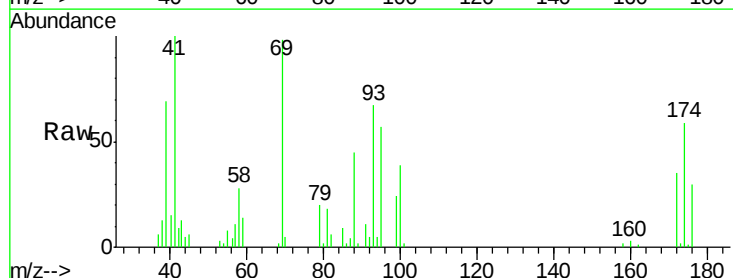
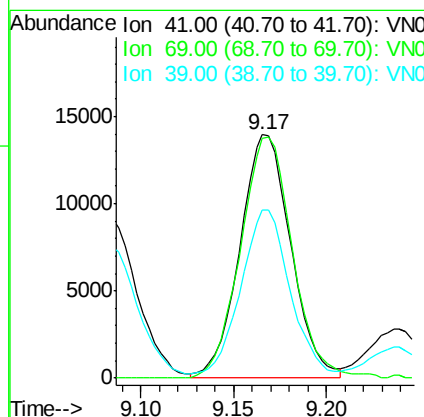
Manual Integrations
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#48
Methyl methacrylate
Concen: 19.151 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN061894.D
Acq: 18 Jun 2020 12:50

Tgt Ion	41	Resp	26673
Ion Ratio	100	Lower	Upper
41	100		
69	100.9	83.0	124.4
39	67.3	55.1	82.7





#49

1,4-Dioxane

Concen: 401.443 ug/l

RT: 9.17 min Scan# 2300

Delta R.T. 0.00 min

Lab File: VN061894.D

Acq: 18 Jun 2020 12:50

Instrument :

MSVOA_N

ClientSampleId :

VN0618WBS01

Tot Ion: 88 Resp: 12837

Ion Ratio Lower Upper

88 100

43 30.2 23.4 35.2

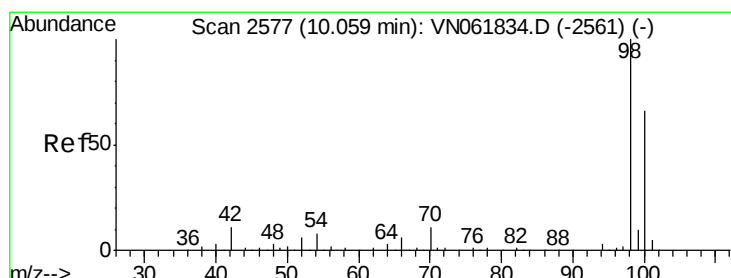
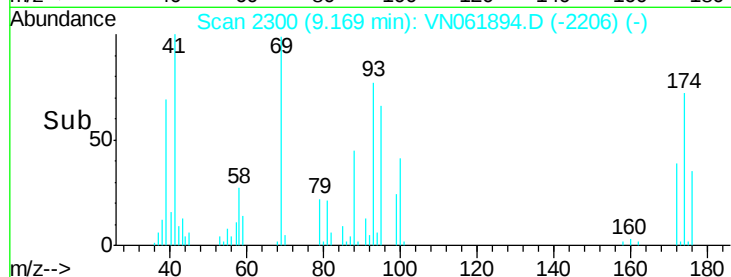
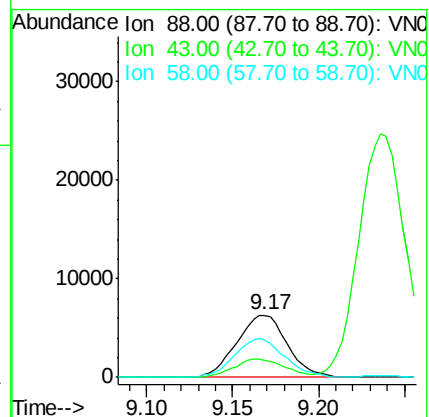
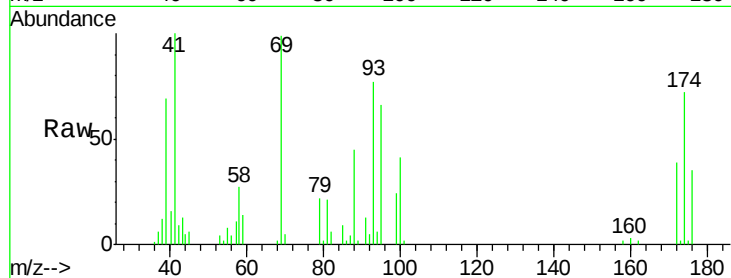
58 61.6 49.8 74.6

Manual Integrations

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#50

Toluene-d8

Concen: 48.235 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN061894.D

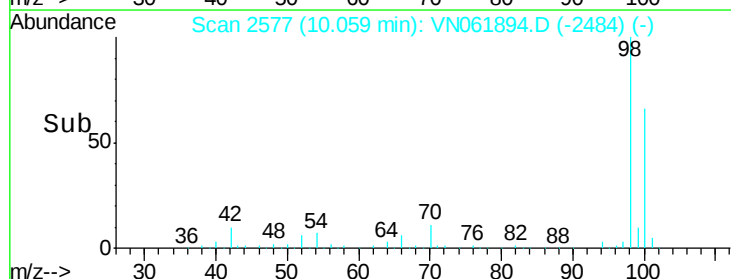
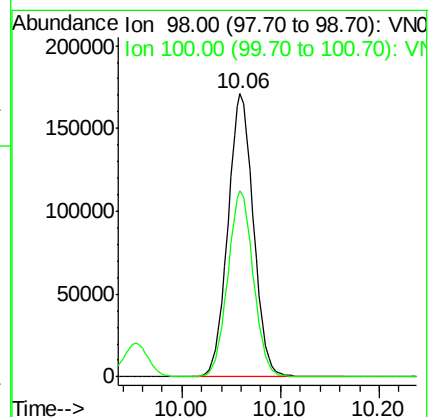
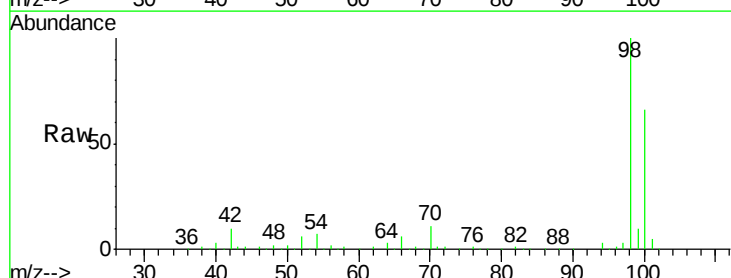
Acq: 18 Jun 2020 12:50

Tgt Ion: 98 Resp: 309538

Ion Ratio Lower Upper

98 100

100 66.0 52.7 79.1





#51

4-Methyl-2-Pentanone

Concen: 99.637 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN061894.D

Acq: 18 Jun 2020 12:50

Instrument :

MSVOA_N

ClientSampleId :

VN0618WBS01

Tot Ion: 43 Resp: 180329

Ion Ratio Lower Upper

43 100

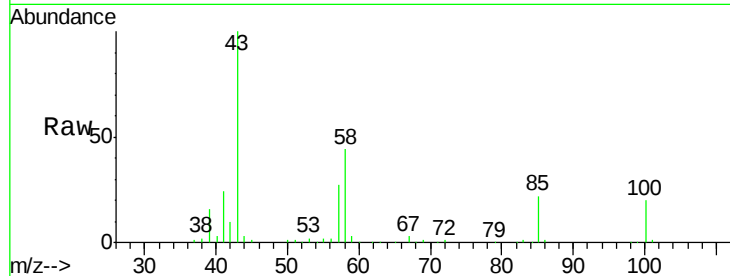
58 43.6 34.6 52.0

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VN061834.D (-2527) (-)

Ion 58.00 (57.70 to 58.70): VN061834.D (-2527) (-)

9.95

100000

80000

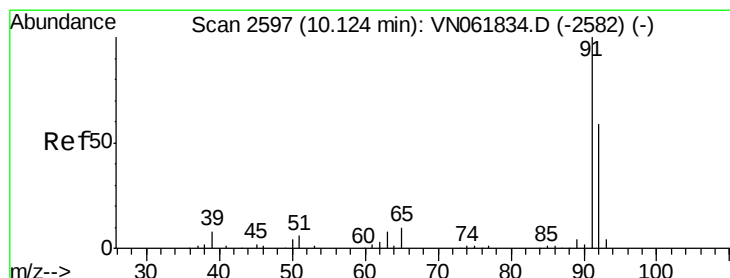
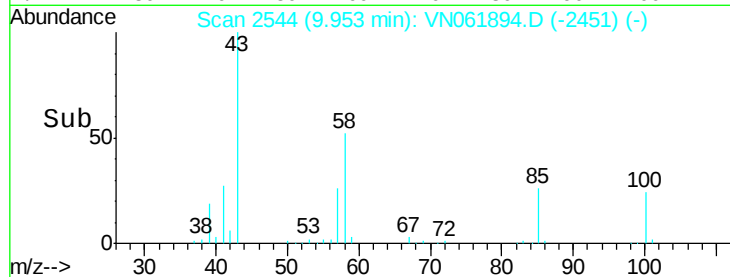
60000

40000

20000

0

Time-->



#52

Toluene

Concen: 20.438 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN061894.D

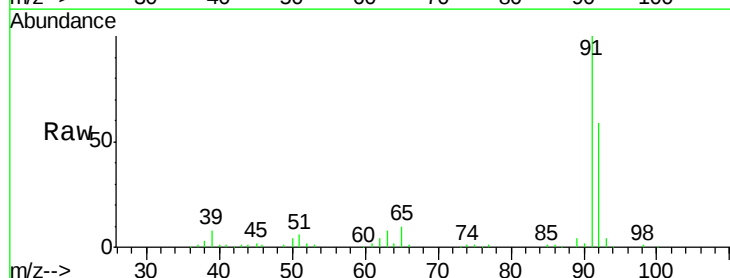
Acq: 18 Jun 2020 12:50

Tgt Ion: 92 Resp: 90491

Ion Ratio Lower Upper

92 100

91 171.6 137.1 205.7



Abundance Ion 92.00 (91.70 to 92.70): VN061834.D (-2582) (-)

Ion 91.00 (90.70 to 91.70): VN061834.D (-2582) (-)

10.12

100000

80000

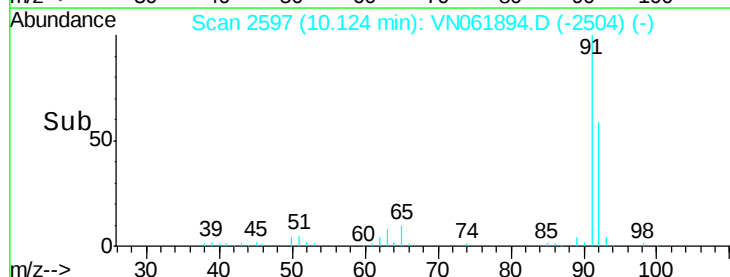
60000

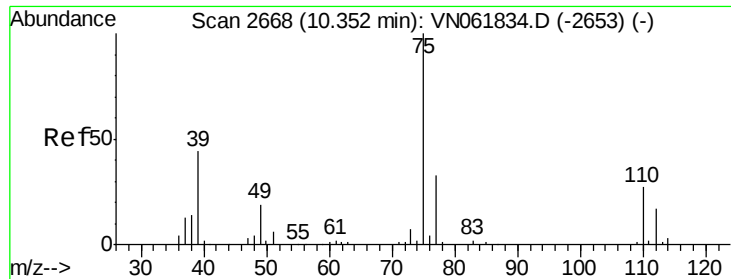
40000

20000

0

Time-->





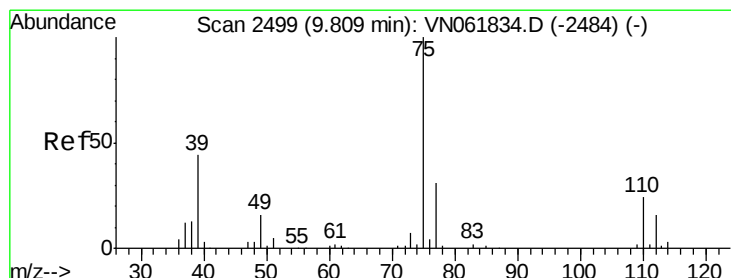
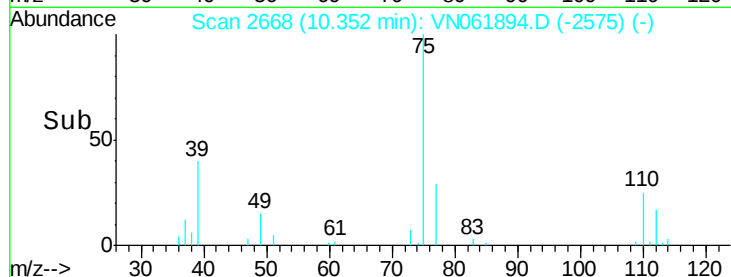
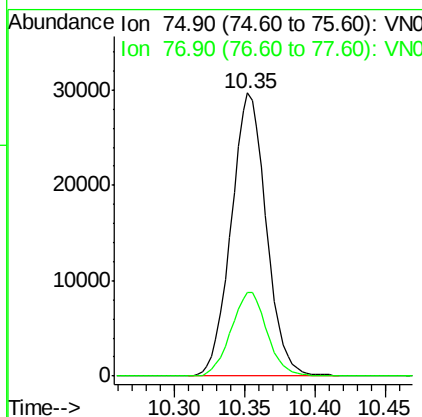
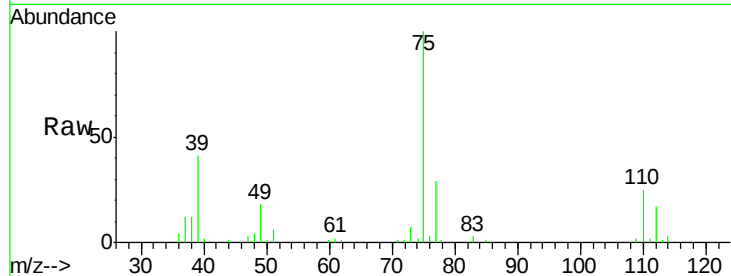
#53
t-1,3-Dichloropropene
Concen: 19.481 ug/l
RT: 10.35 min Scan# 2668
Delta R.T. -0.00 min
Lab File: VN061894.D
Acq: 18 Jun 2020 12:50

Instrument :
MSVOA_N
ClientSampleId :
VN0618WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	29.4	26.3	39.5

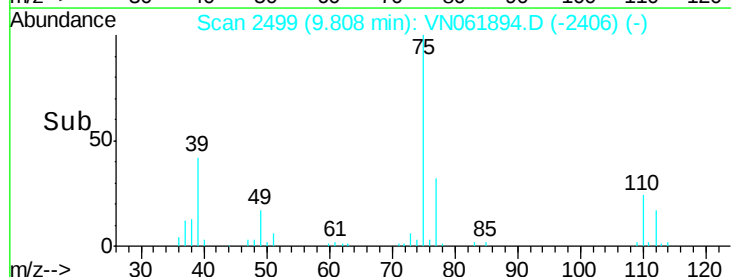
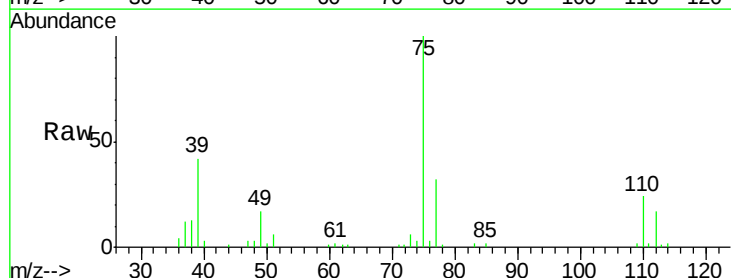
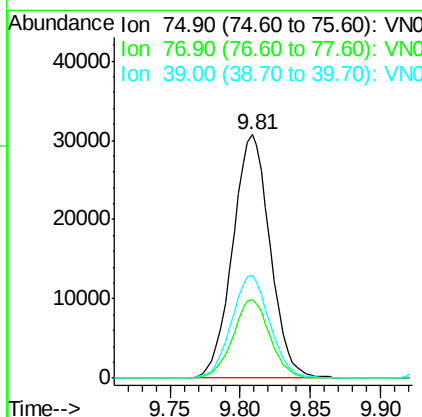
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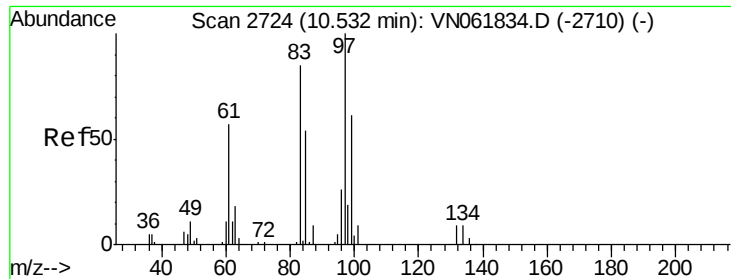
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#54
cis-1,3-Dichloropropene
Concen: 19.793 ug/l
RT: 9.81 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VN061894.D
Acq: 18 Jun 2020 12:50

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.2	24.8	37.2
39	42.3	35.4	53.0





#55

1,1,2-Trichloroethane

Concen: 20.290 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.00 min

Lab File: VN061894.D

Acq: 18 Jun 2020 12:50

Instrument :

MSVOA_N

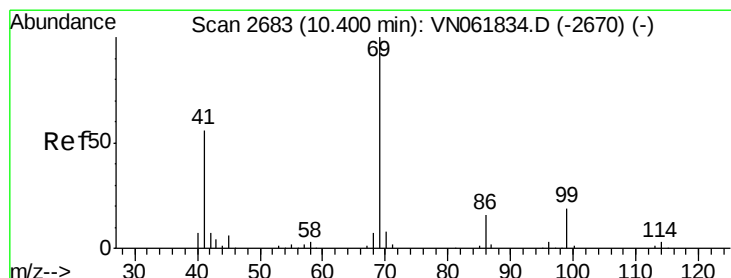
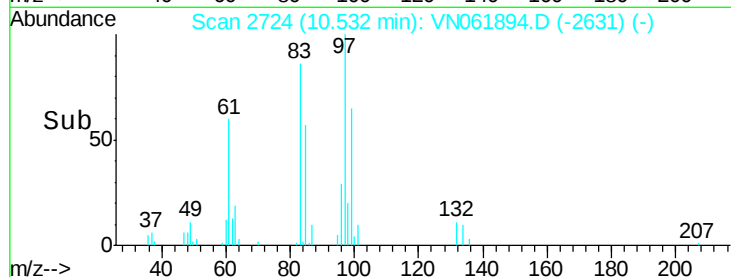
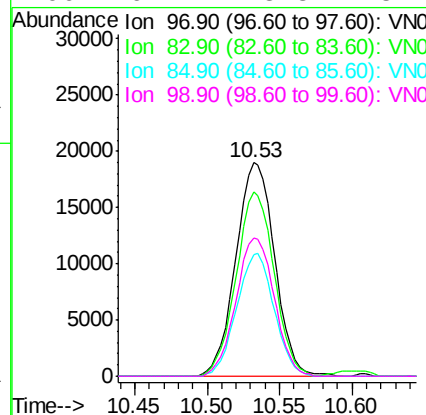
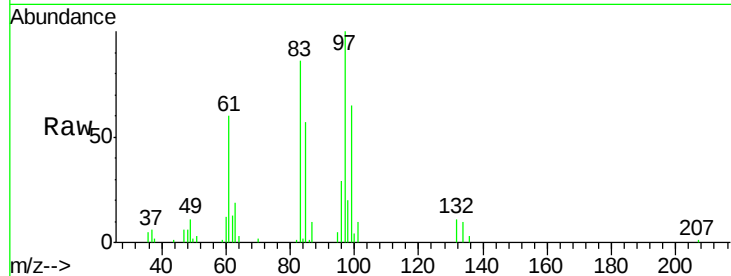
ClientSampleId :

VN0618WBS01

Tot Ion:	97	Resp:	35346
Ion	Ratio	Lower	Upper
97	100		
83	86.5	67.7	101.5
85	56.8	43.4	65.0
99	64.7	48.8	73.2

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#56

Ethyl methacrylate

Concen: 18.844 ug/l

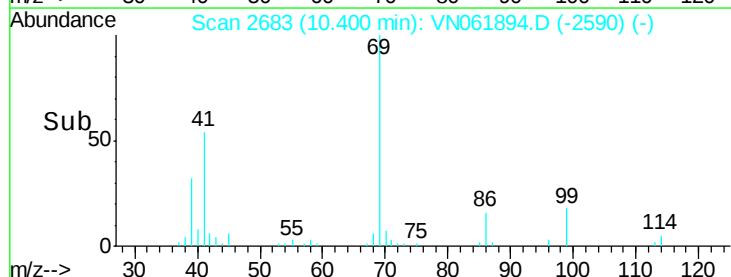
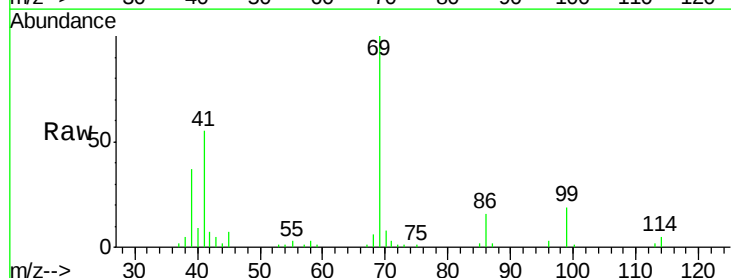
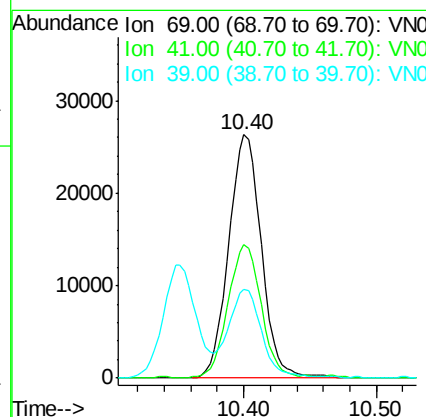
RT: 10.40 min Scan# 2683

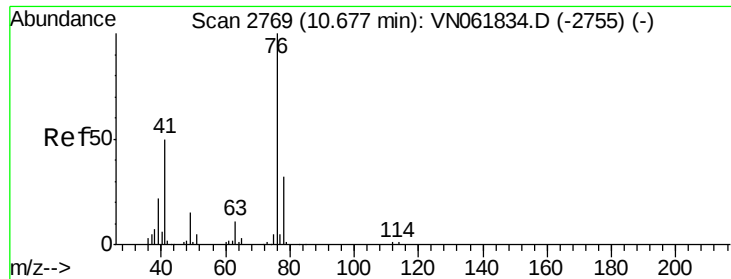
Delta R.T. 0.00 min

Lab File: VN061894.D

Acq: 18 Jun 2020 12:50

Tgt Ion:	69	Resp:	45033
Ion	Ratio	Lower	Upper
69	100		
41	55.8	44.9	67.3
39	37.6	30.0	45.0





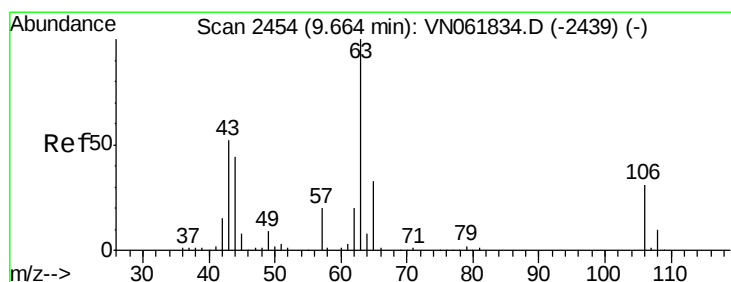
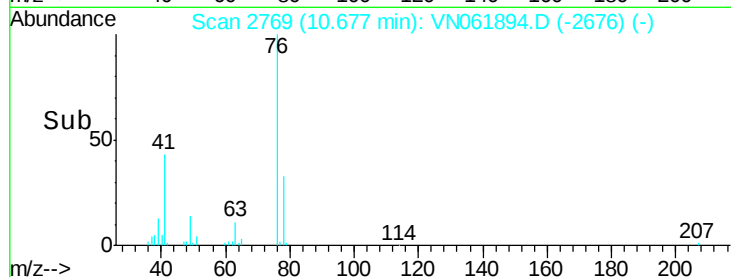
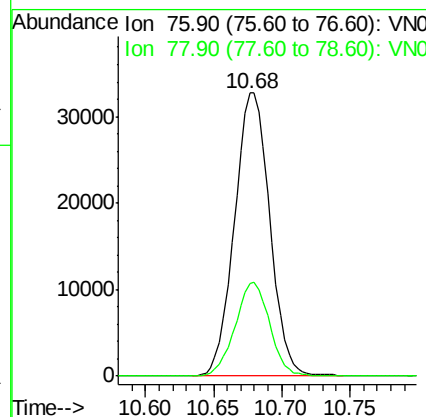
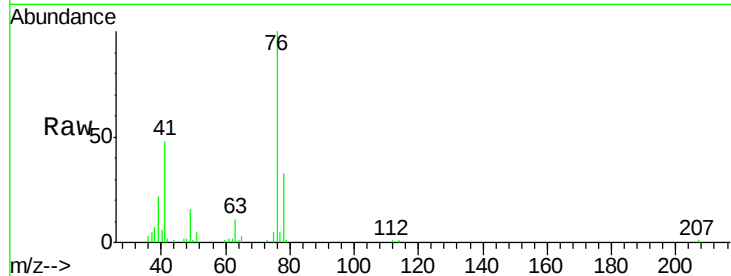
#57
 1,3-Dichloropropane
 Concen: 19.930 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN061894.D
 Acq: 18 Jun 2020 12:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0618WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.3	25.8	38.8

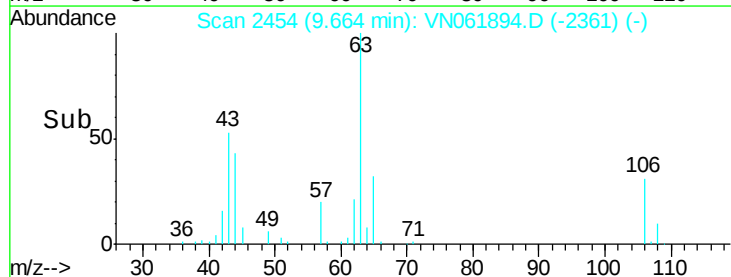
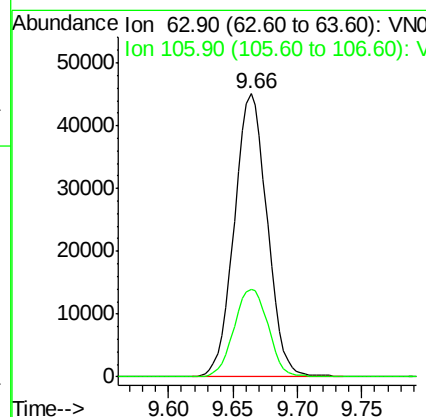
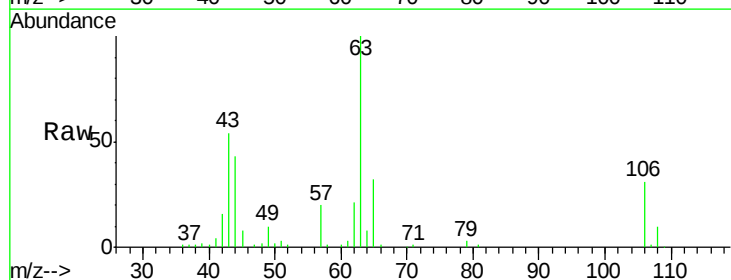
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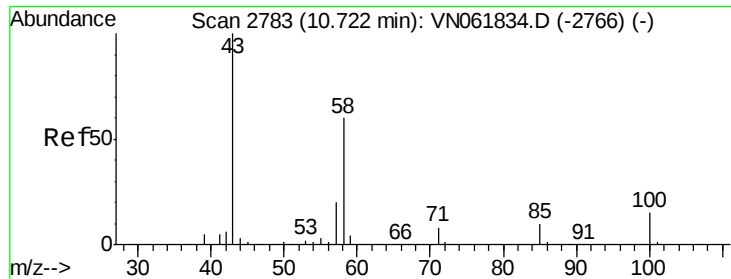
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#58
 2-Chloroethyl Vinyl ether
 Concen: 86.861 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. -0.00 min
 Lab File: VN061894.D
 Acq: 18 Jun 2020 12:50

Tgt Ion	Ratio	Lower	Upper
63	100		
106	32.2	24.6	36.8





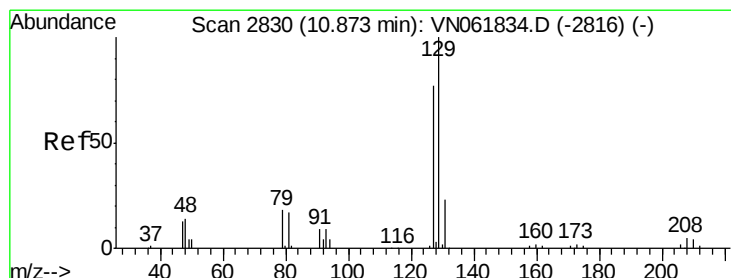
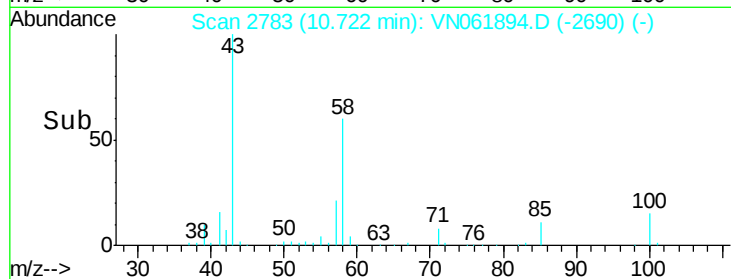
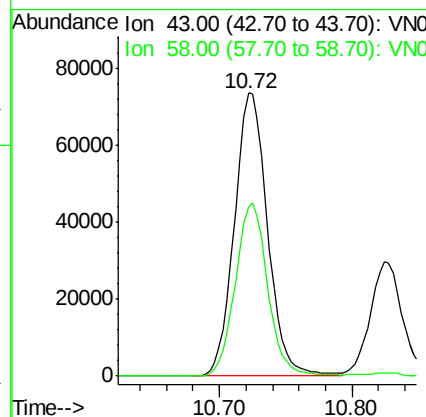
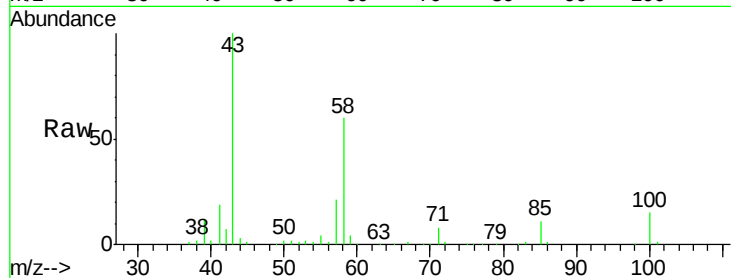
#59
2-Hexanone
Concen: 97.479 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VN061894.D
Acq: 18 Jun 2020 12:50

Instrument :
MSVOA_N
ClientSampleId :
VN0618WBS01

Tot Ion: 43 Resp: 128449
Ion Ratio Lower Upper
43 100
58 59.3 30.1 90.5

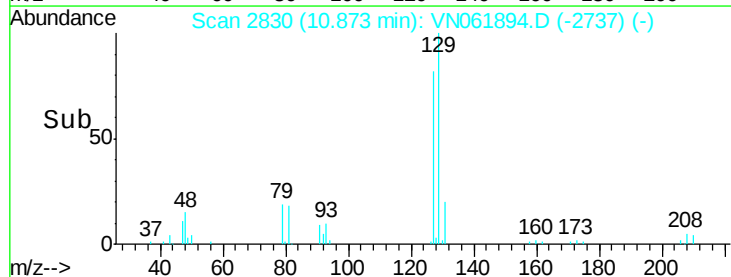
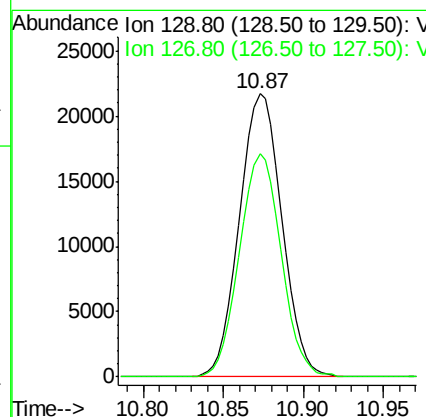
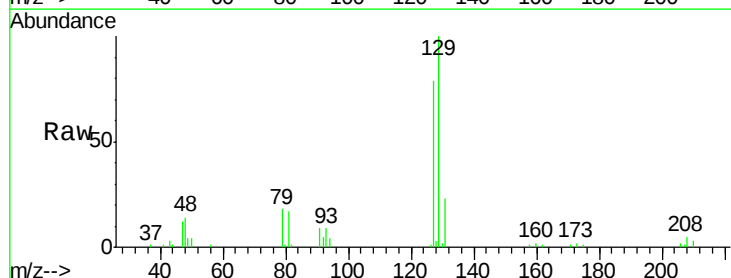
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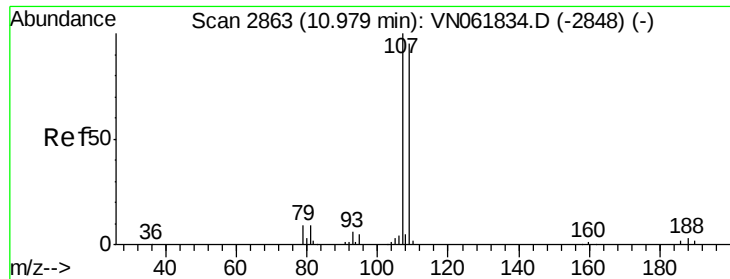
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6/19/2020 1:03:43 PM



#60
Dibromochloromethane
Concen: 20.267 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN061894.D
Acq: 18 Jun 2020 12:50

Tgt Ion: 129 Resp: 39396
Ion Ratio Lower Upper
129 100
127 77.1 38.5 115.5





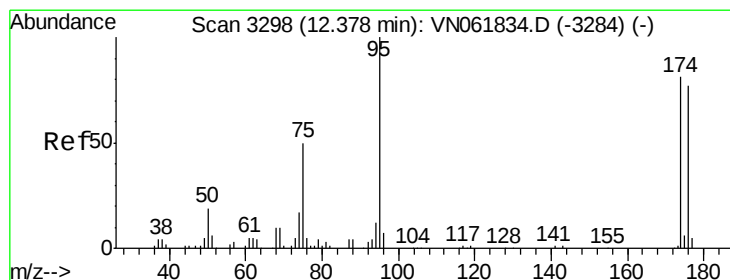
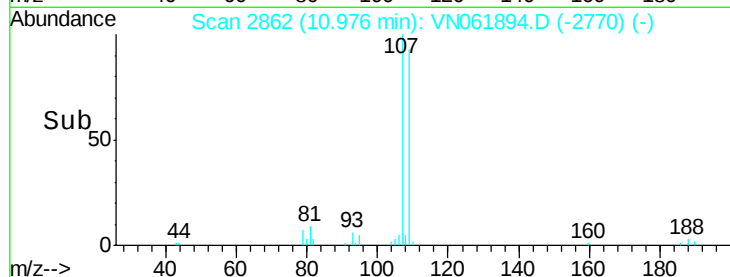
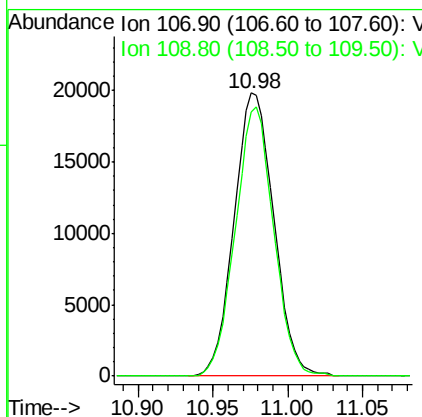
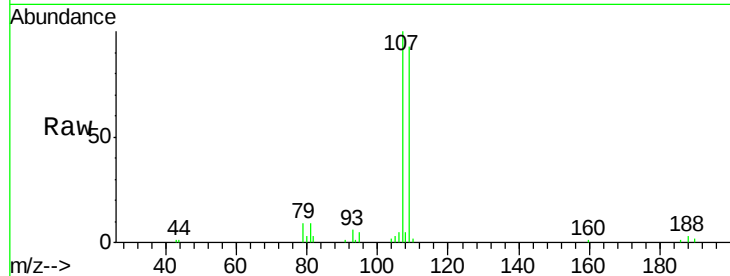
#61
 1,2-Dibromoethane
 Concen: 20.173 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN061894.D
 Acq: 18 Jun 2020 12:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0618WBS01

Tot Ion: 107 Resp: 36694
 Ion Ratio Lower Upper
 107 100
 109 91.8 75.0 112.6

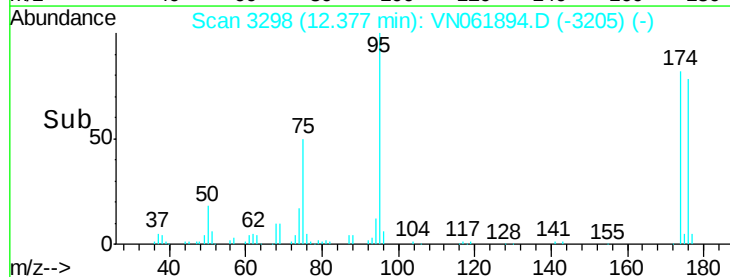
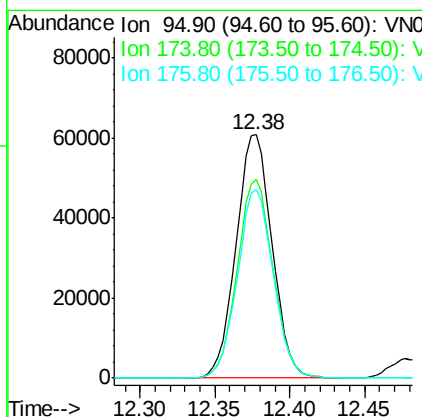
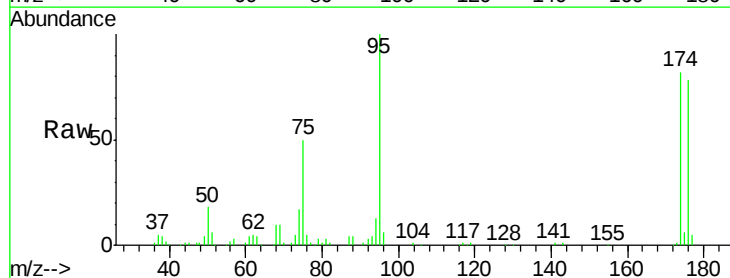
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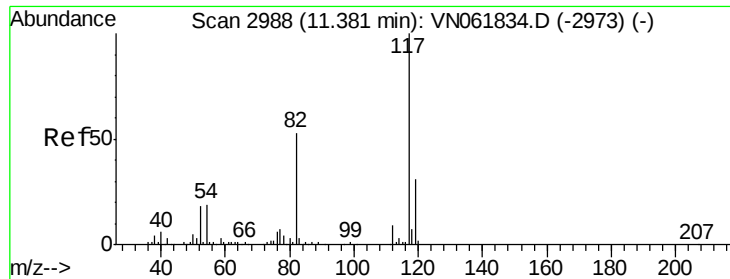
MMDadoda
 6/19/2020 1:03:43 PM



#62
 4-Bromofluorobenzene
 Concen: 46.381 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN061894.D
 Acq: 18 Jun 2020 12:50

Tgt Ion: 95 Resp: 102097
 Ion Ratio Lower Upper
 95 100
 174 80.8 0.0 158.6
 176 77.2 0.0 152.0





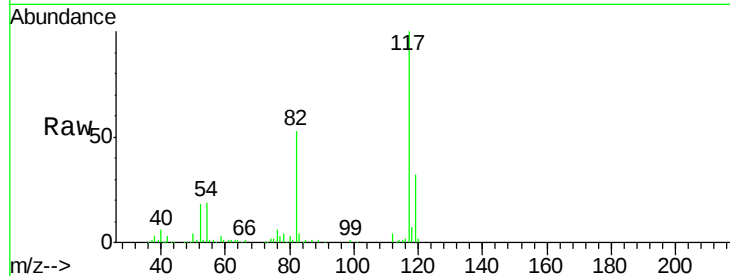
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN061894.D
Acq: 18 Jun 2020 12:50

Instrument :
MSVOA_N
ClientSampleId :
VN0618WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	240015		
82	53.4		42.6	64.0
119	31.6		24.7	37.1

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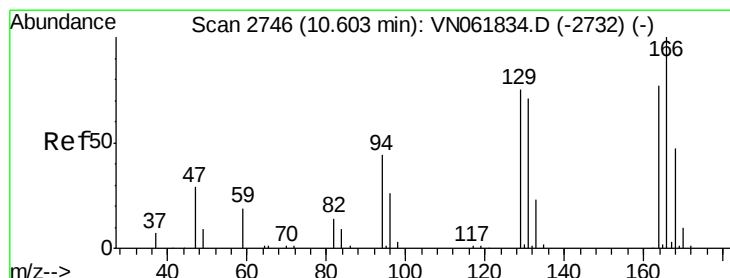
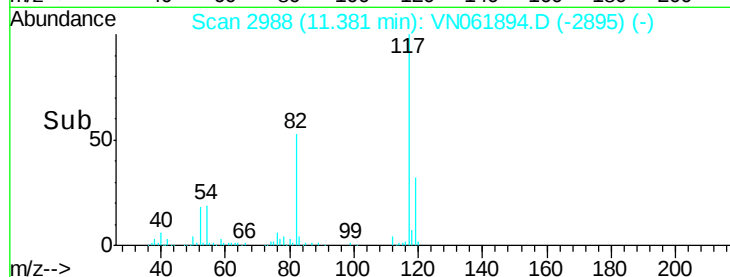
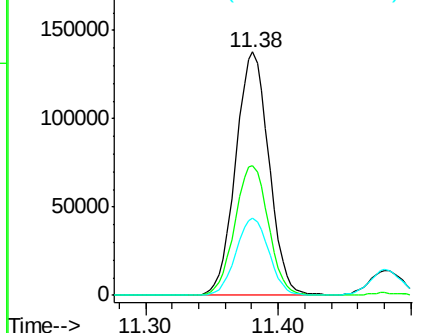


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 20.051 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN061894.D
Acq: 18 Jun 2020 12:50

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	30674		
166	127.4		103.5	155.3
129	99.7		77.5	116.3
131	90.9		73.8	110.8

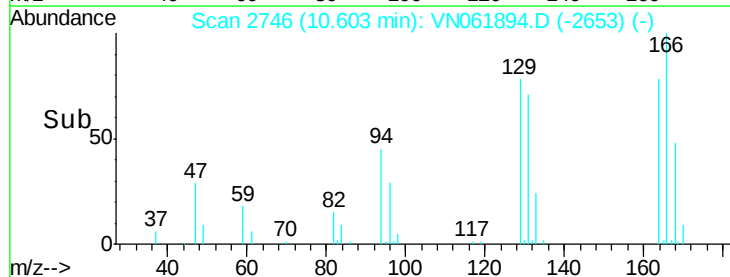
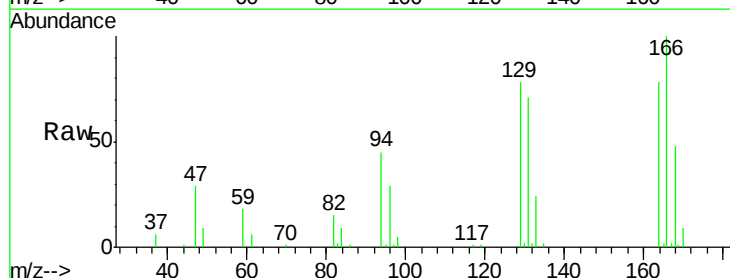
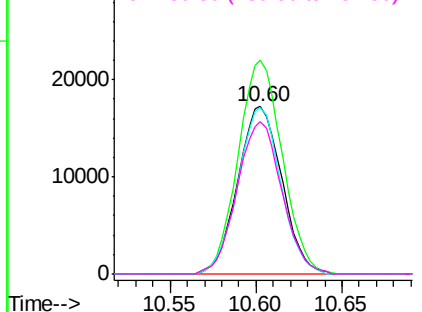
Abundance

Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





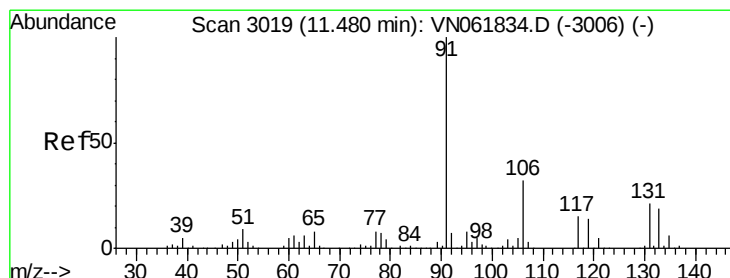
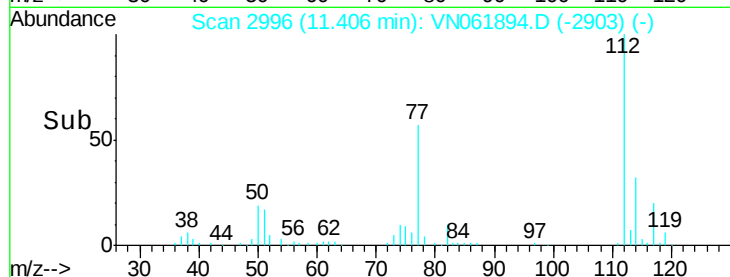
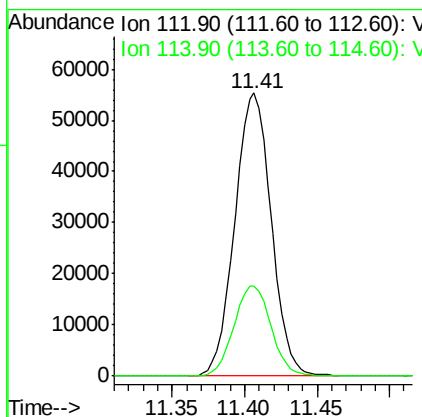
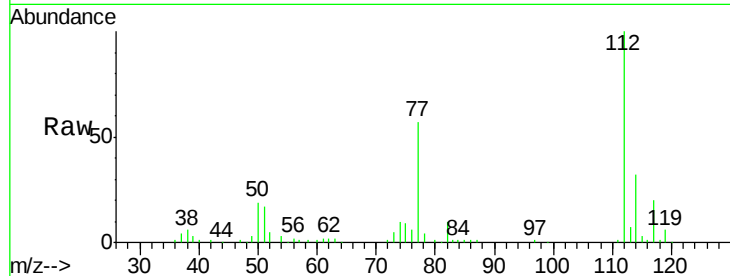
#65
Chlorobenzene
Concen: 19.097 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN061894.D
Acq: 18 Jun 2020 12:50

Instrument :
MSVOA_N
ClientSampleId :
VN0618WBS01

Tot Ion:112 Resp: 96716
Ion Ratio Lower Upper
112 100
114 31.9 25.8 38.6

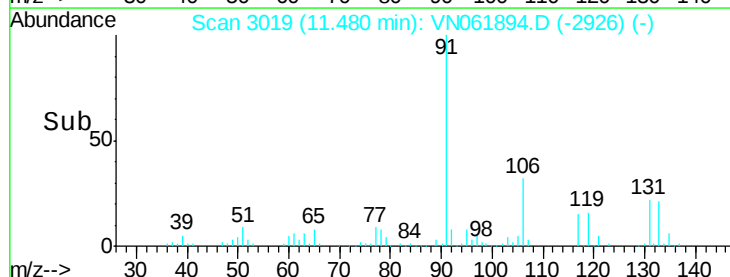
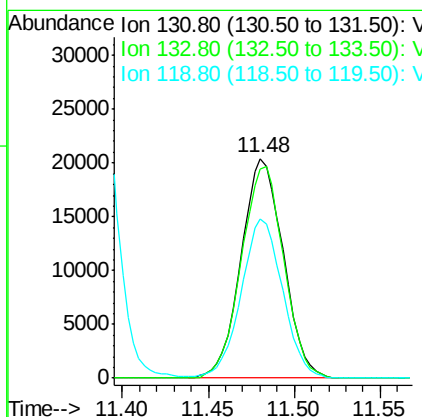
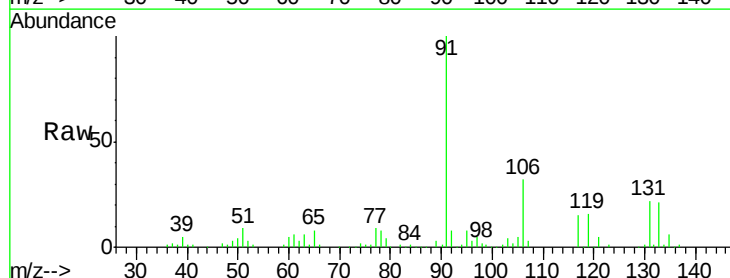
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.683 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN061894.D
Acq: 18 Jun 2020 12:50

Tgt Ion:131 Resp: 34766
Ion Ratio Lower Upper
131 100
133 97.0 47.5 142.5
119 71.2 34.0 101.8





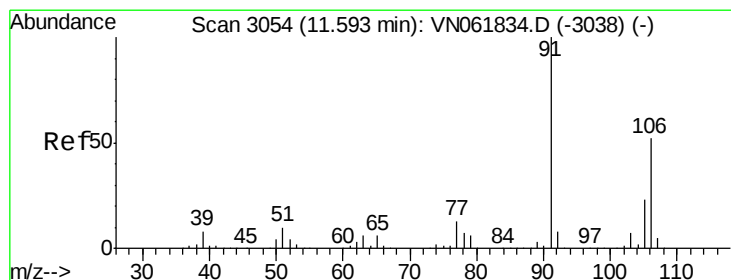
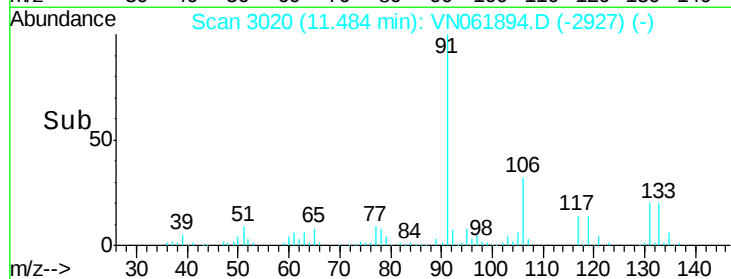
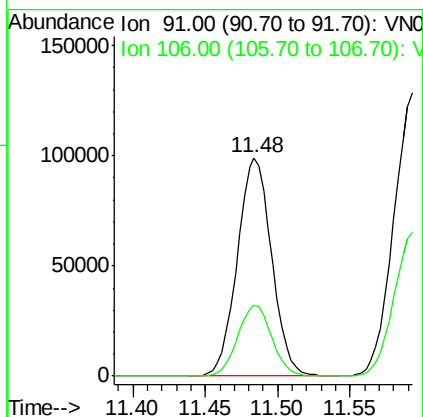
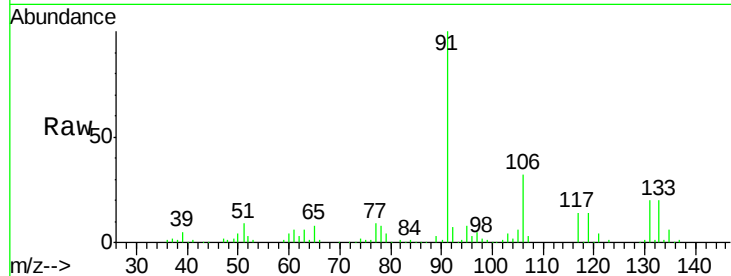
#67
Ethyl Benzene
Concen: 19.164 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN061894.D
Acq: 18 Jun 2020 12:50

Instrument :
MSVOA_N
ClientSampled :
VN0618WBS01

Tot Ion: 91 Resp: 162728
Ion Ratio Lower Upper
91 100
106 32.3 25.4 38.2

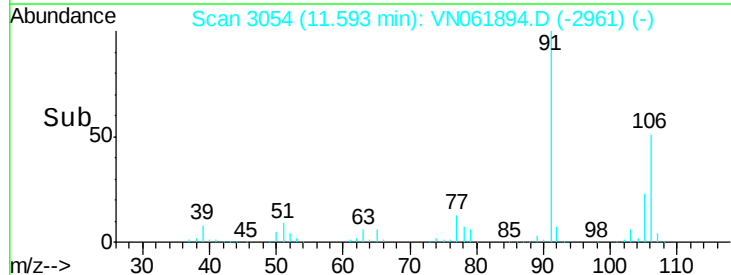
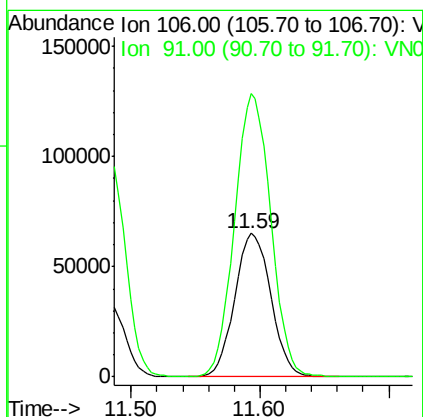
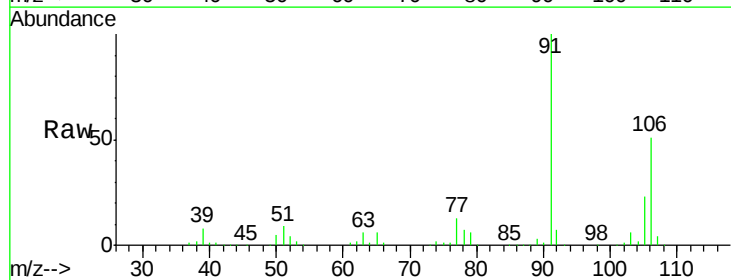
Manual Integrations
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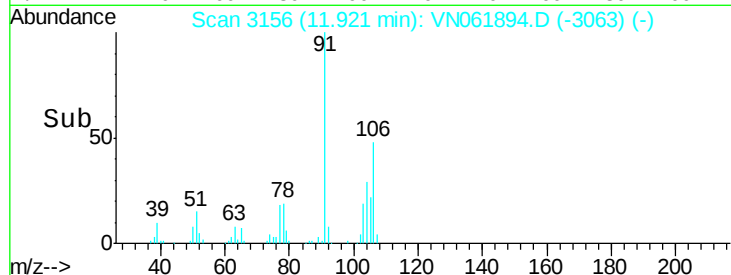
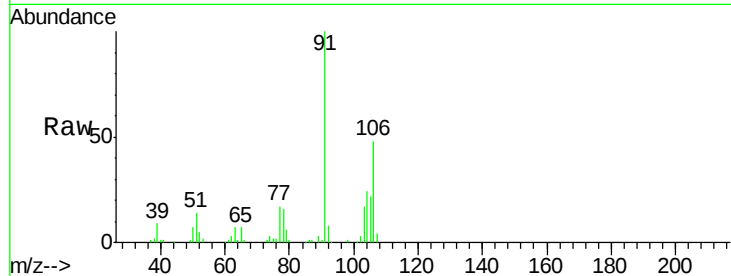
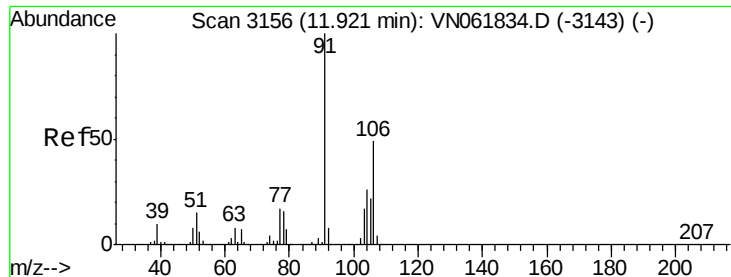
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#68
m/p-Xylenes
Concen: 38.869 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN061894.D
Acq: 18 Jun 2020 12:50

Tgt Ion: 106 Resp: 127268
Ion Ratio Lower Upper
106 100
91 196.5 157.0 235.6





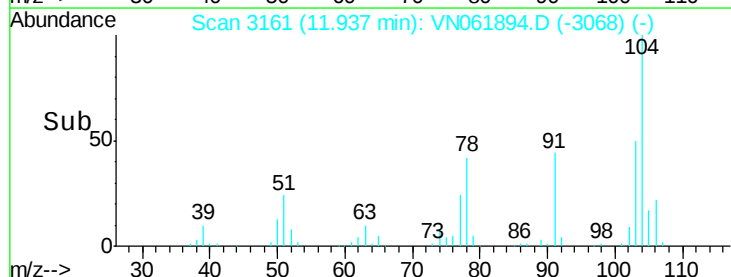
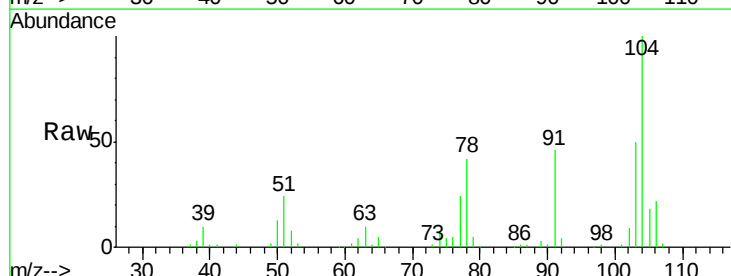
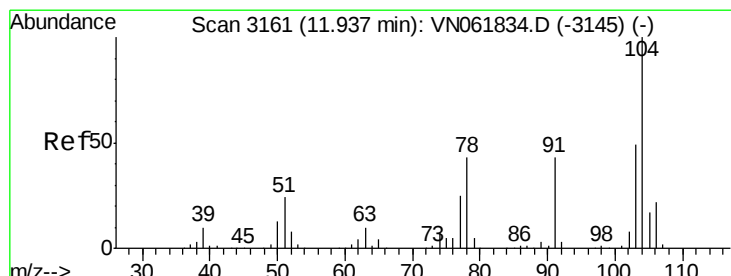
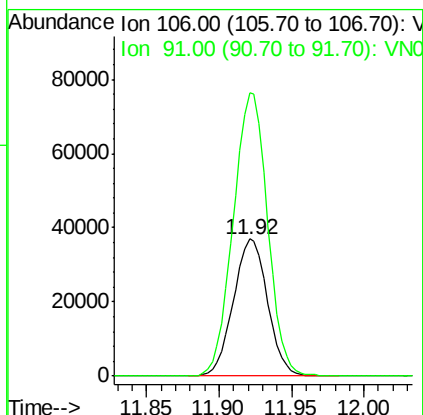
#69
o-Xylene
Concen: 19.455 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN061894.D
Acq: 18 Jun 2020 12:50

Tot Ion:106 Resp: 60781
Ion Ratio Lower Upper
106 100
91 206.8 103.0 308.9

Instrument :
MSVOA_N
ClientSampleId :
VN0618WBS01

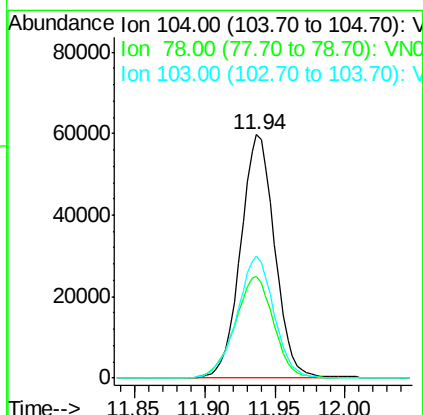
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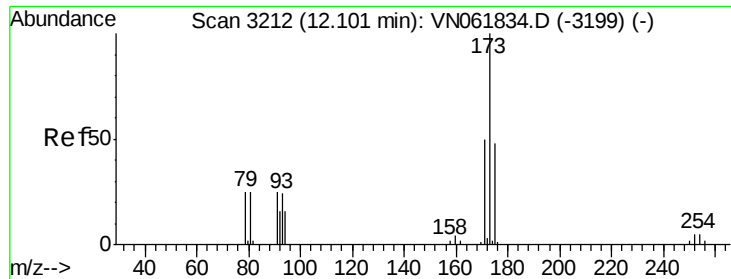
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#70
Styrene
Concen: 19.378 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN061894.D
Acq: 18 Jun 2020 12:50

Tgt Ion:104 Resp: 101366
Ion Ratio Lower Upper
104 100
78 47.0 37.6 56.4
103 54.0 43.0 64.4





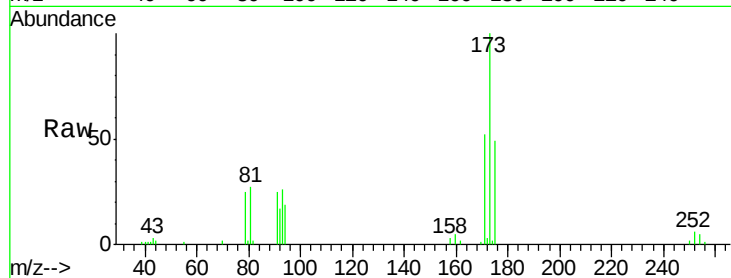
#71
Bromoform
Concen: 19.028 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. -0.00 min
Lab File: VN061894.D
Acq: 18 Jun 2020 12:50

Instrument :
MSVOA_N
ClientSampleId :
VN0618WBS01

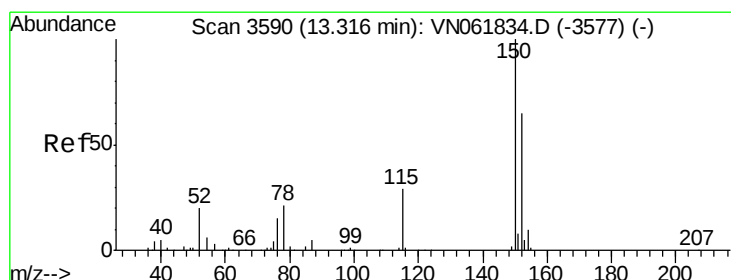
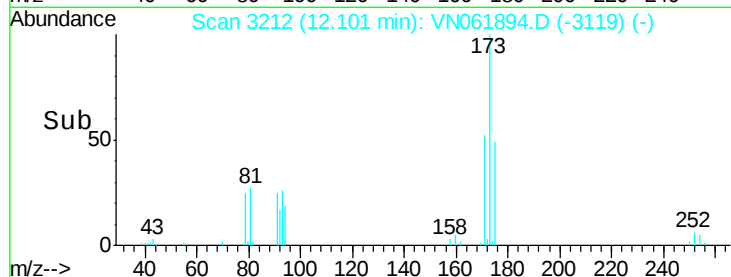
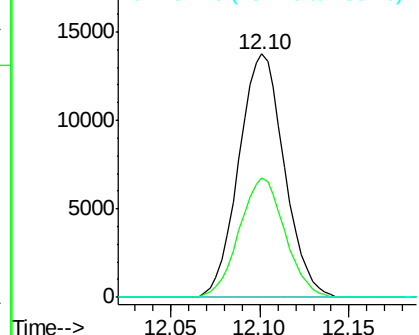
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.0	23.9	71.7
254	0.0	0.0	0.0

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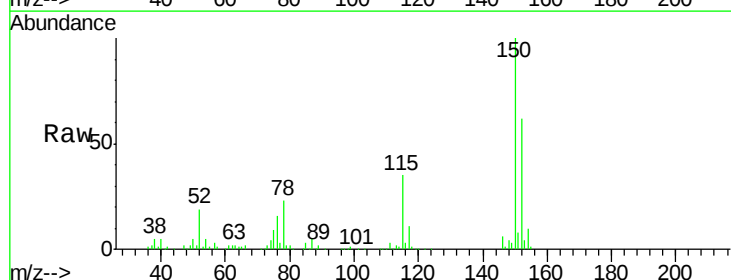


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

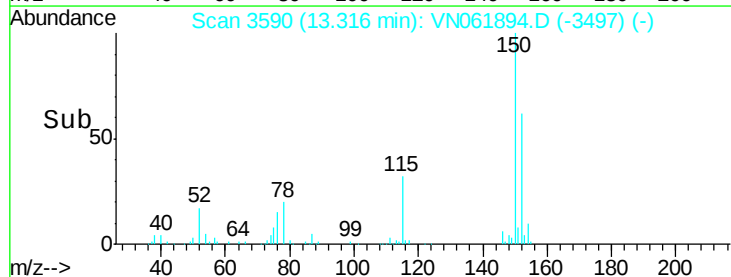
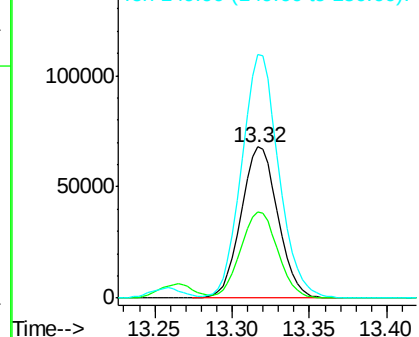


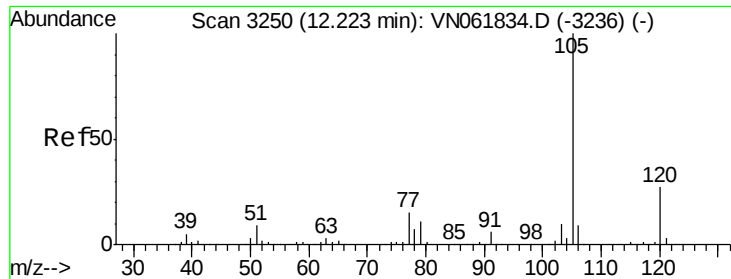
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3590
Delta R.T. -0.00 min
Lab File: VN061894.D
Acq: 18 Jun 2020 12:50

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.2	29.1	87.3
150	162.4	0.0	347.6



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





#73

Isopropylbenzene

Concen: 20.161 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN061894.D

Acq: 18 Jun 2020 12:50

Instrument :

MSVOA_N

ClientSampleId :

VN0618WBS01

Tot Ion: 105 Resp: 160934

Ion Ratio Lower Upper

105 100

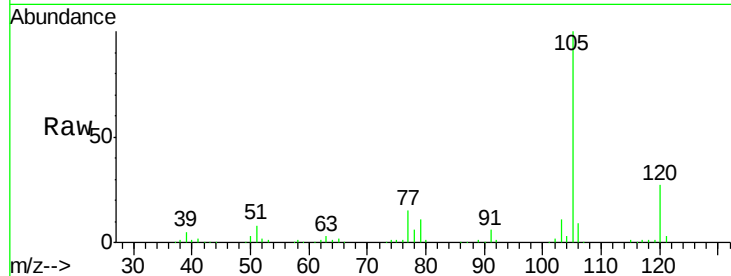
120 27.1 13.3 39.8

Manual Integrations

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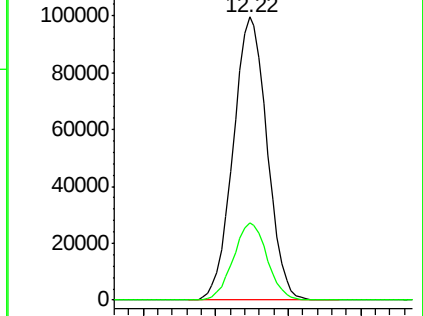
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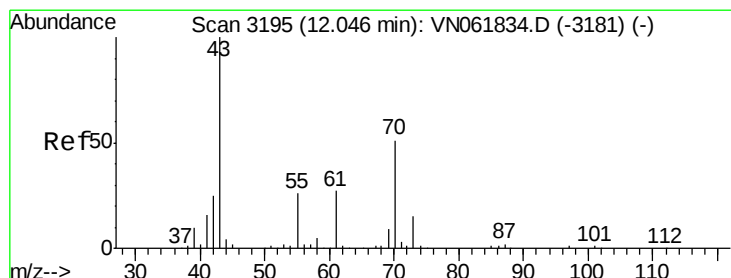
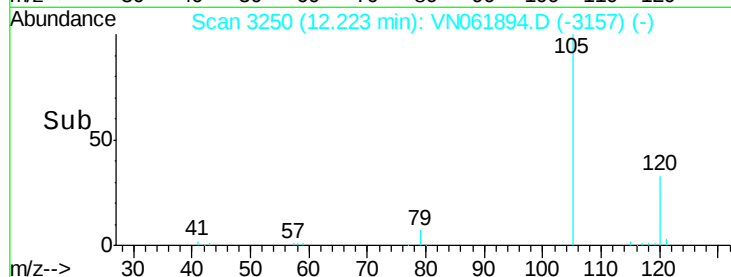


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->



#74

N-ethyl acetate

Concen: 18.294 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN061894.D

Acq: 18 Jun 2020 12:50

Tgt Ion: 43 Resp: 46900

Ion Ratio Lower Upper

43 100

70 53.1 40.6 60.8

55 29.6 21.5 32.3

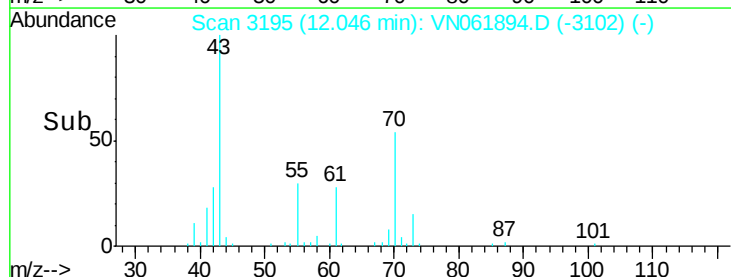
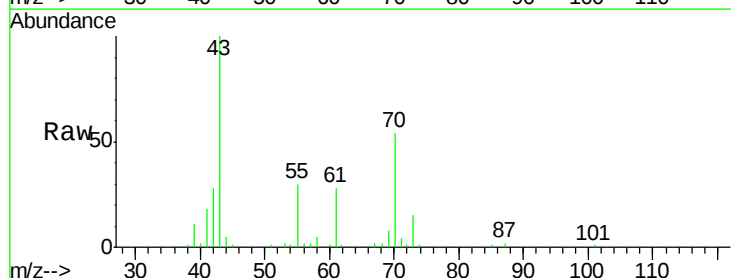
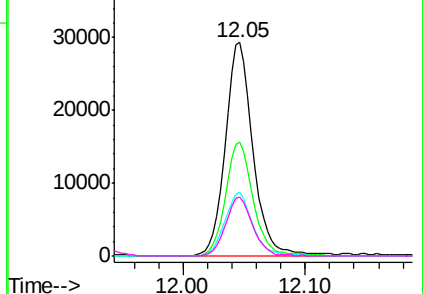
61 26.7 21.6 32.4

Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 19.899 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. -0.00 min

Lab File: VN061894.D

Acq: 18 Jun 2020 12:50

Instrument :

MSVOA_N

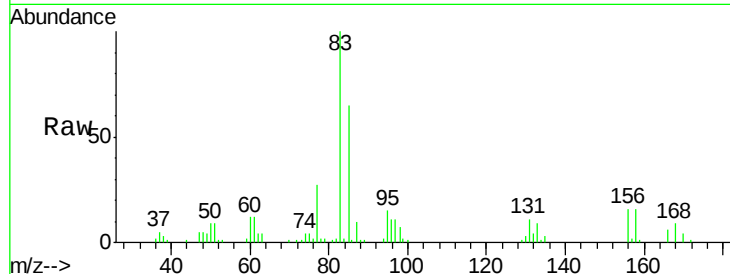
ClientSampleId :

VN0618WBS01

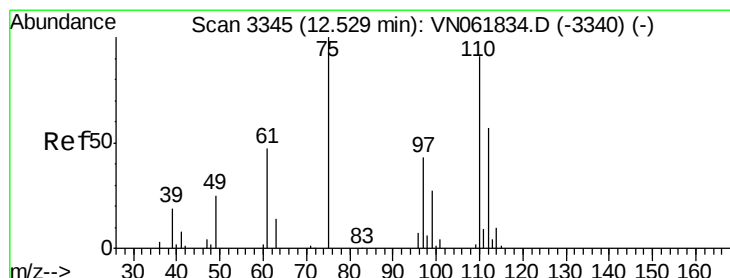
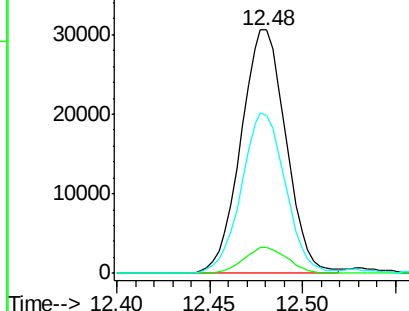
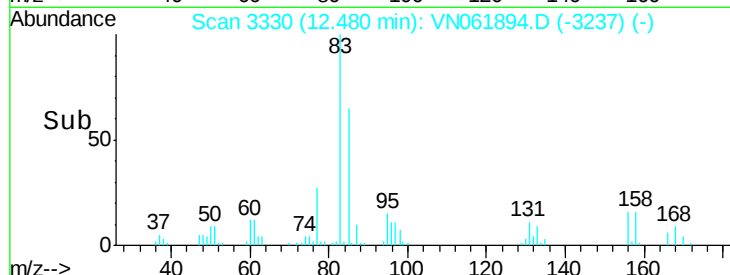
Tot Ion:	83	Resp:	51642
Ion Ratio	Lower	Upper	
83	100		
131	10.1	5.0	15.0
85	64.1	32.4	97.2

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VN061894.D (-3237) (-)



#76

1,2,3-Trichloropropane

Concen: 20.653 ug/l m

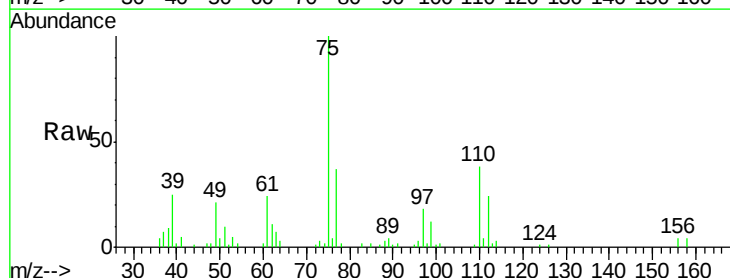
RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

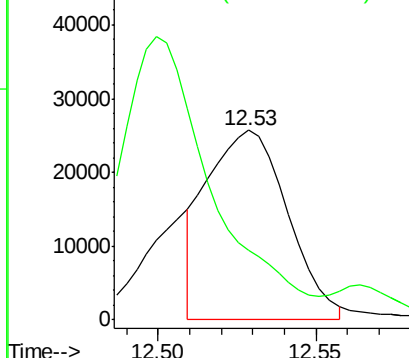
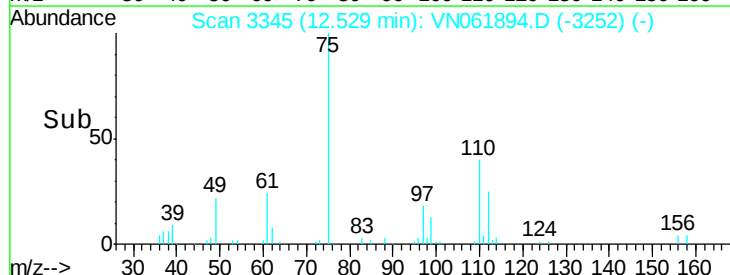
Lab File: VN061894.D

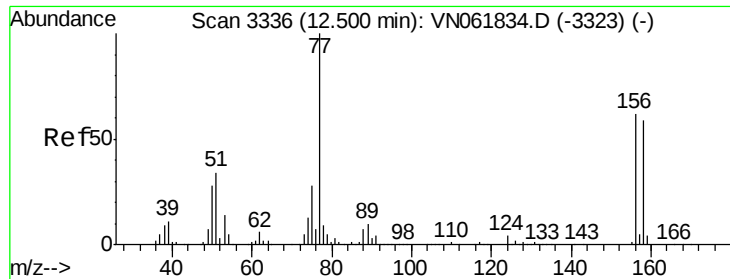
Acq: 18 Jun 2020 12:50

Tgt Ion:	75	Resp:	45547
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VN061894.D (-3252) (-)





#77

Bromobenzene

Concen: 19.644 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN061894.D

Acq: 18 Jun 2020 12:50

Instrument :

MSVOA_N

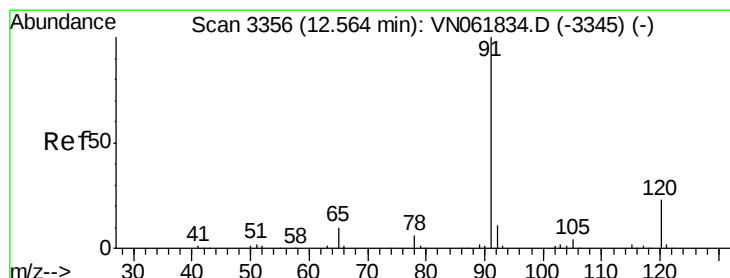
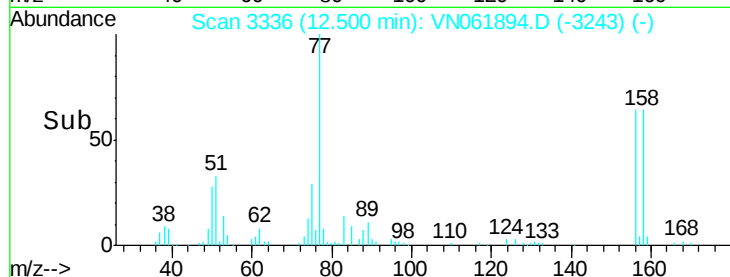
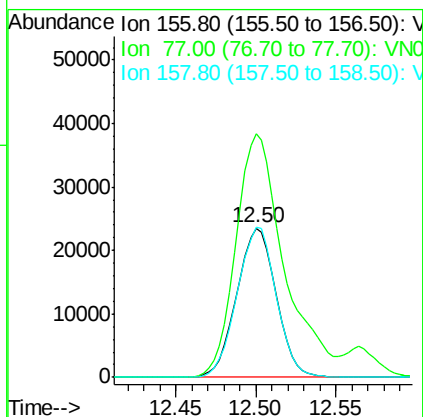
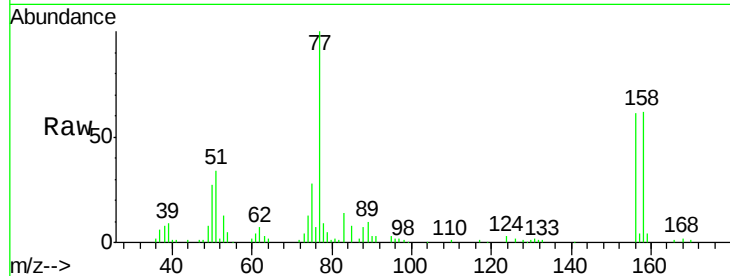
ClientSampleId :

VN0618WBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	201.2	100.7	302.1
158	99.6	48.5	145.5

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#78

n-propylbenzene

Concen: 19.523 ug/l

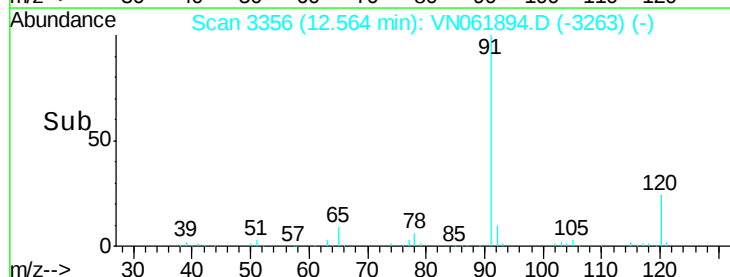
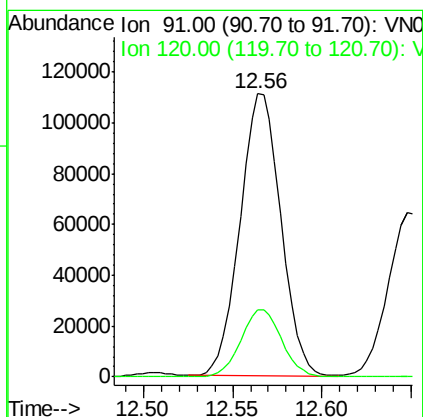
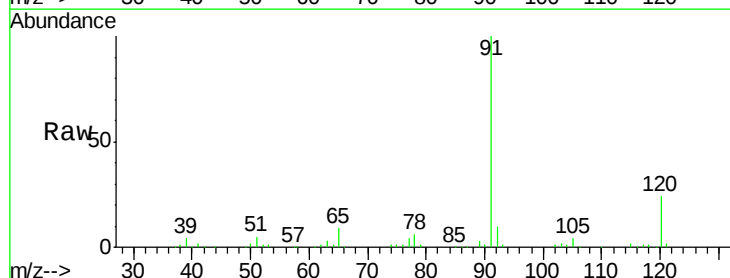
RT: 12.56 min Scan# 3356

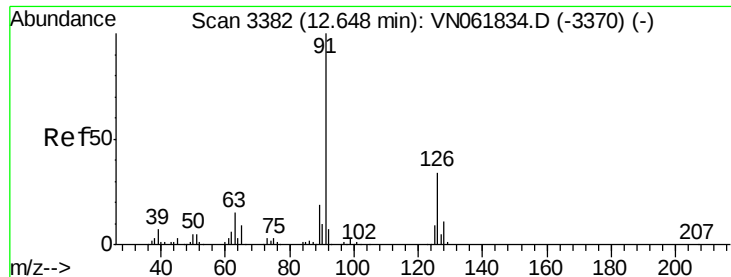
Delta R.T. -0.00 min

Lab File: VN061894.D

Acq: 18 Jun 2020 12:50

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.8	11.6	34.8





#79

2-Chlorotoluene

Concen: 19.372 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN061894.D

Acq: 18 Jun 2020 12:50

Instrument :

MSVOA_N

ClientSampleId :

VN0618WBS01

Tot Ion: 91 Resp: 105971

Ion Ratio Lower Upper

91 100

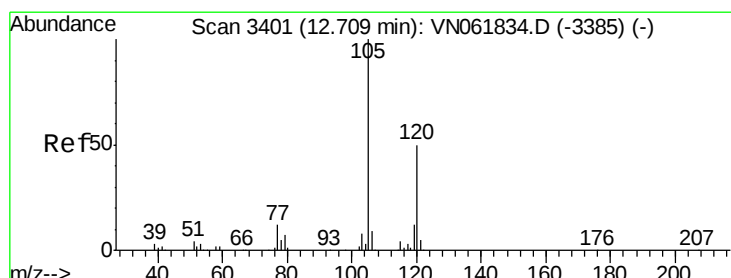
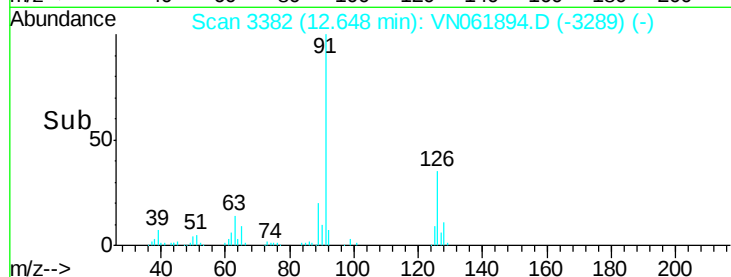
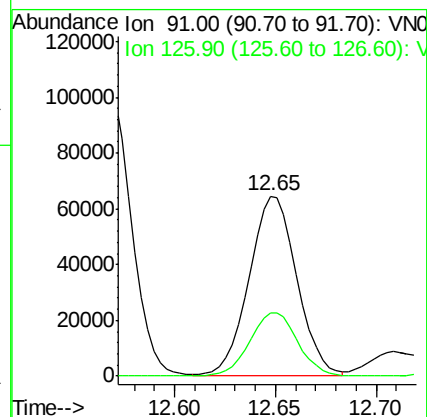
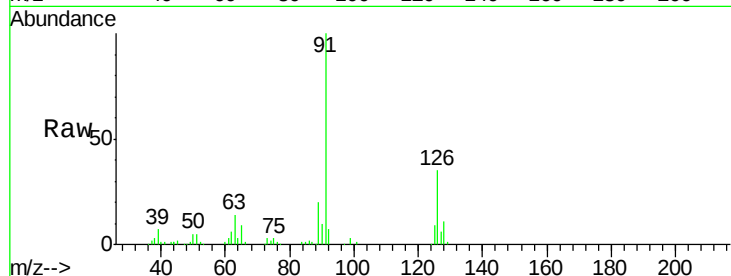
126 35.5 17.3 51.7

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#80

1,3,5-Trimethylbenzene

Concen: 20.102 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN061894.D

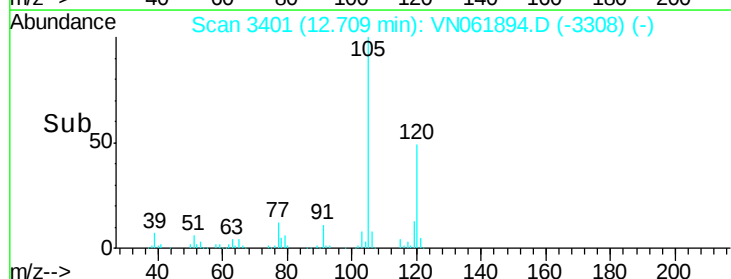
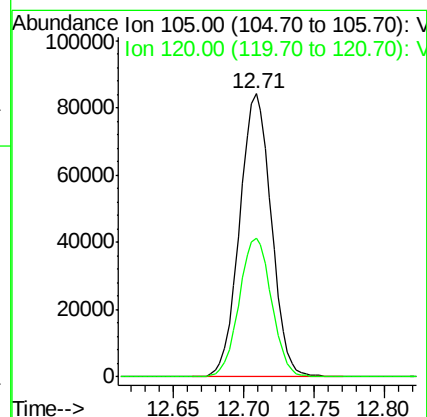
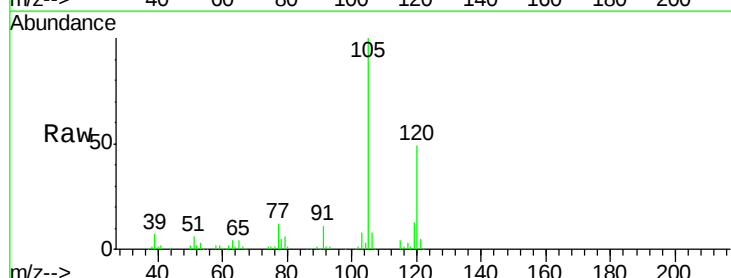
Acq: 18 Jun 2020 12:50

Tgt Ion: 105 Resp: 132754

Ion Ratio Lower Upper

105 100

120 49.9 24.9 74.7





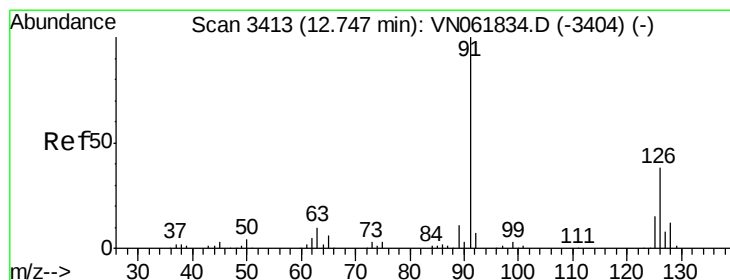
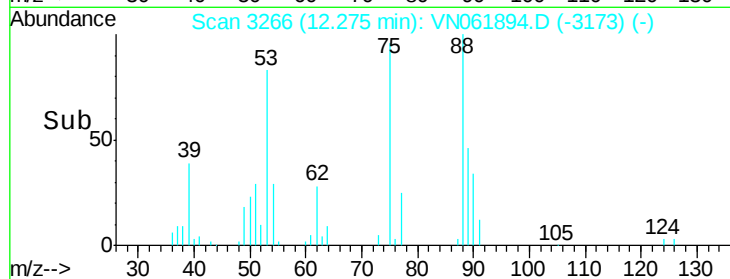
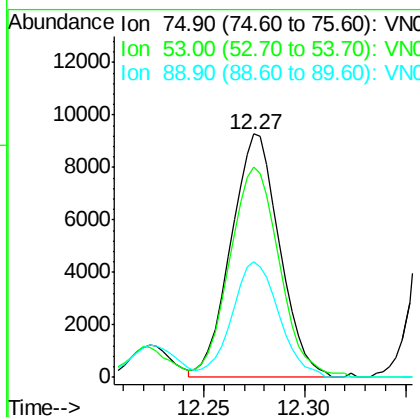
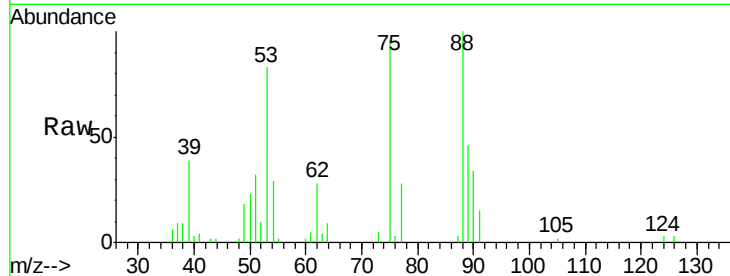
#81
trans-1,4-Dichloro-2-butene
Concen: 19.333 ug/l
RT: 12.27 min Scan# 3266
Delta R.T. -0.00 min
Lab File: VN061894.D
Acq: 18 Jun 2020 12:50

Instrument :
MSVOA_N
ClientSampleId :
VN0618WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	88.7	70.4	105.6
89	46.2	36.0	54.0

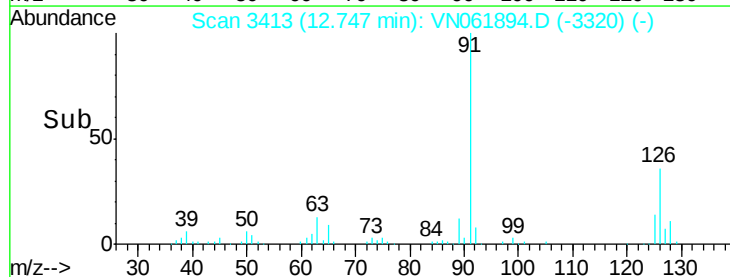
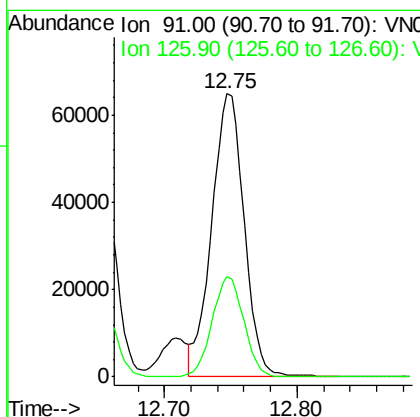
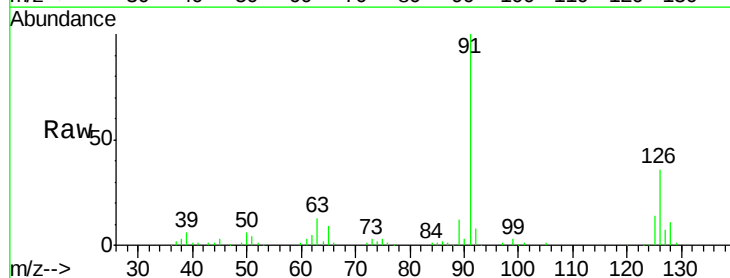
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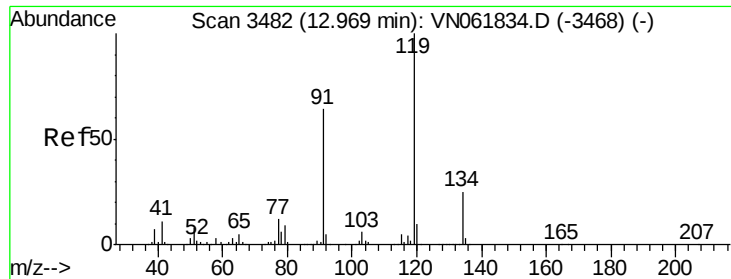
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#82
4-Chlorotoluene
Concen: 19.515 ug/l
RT: 12.75 min Scan# 3413
Delta R.T. -0.00 min
Lab File: VN061894.D
Acq: 18 Jun 2020 12:50

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.5	17.2	51.6





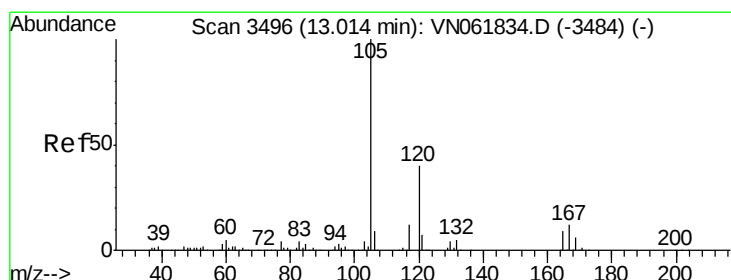
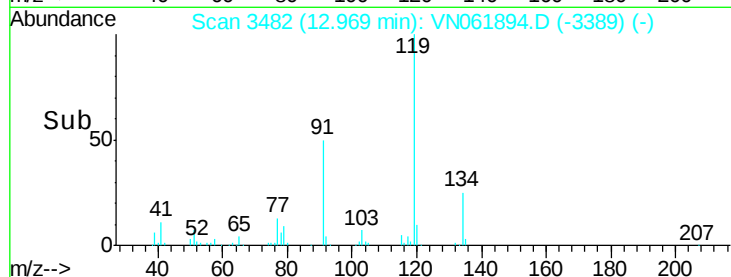
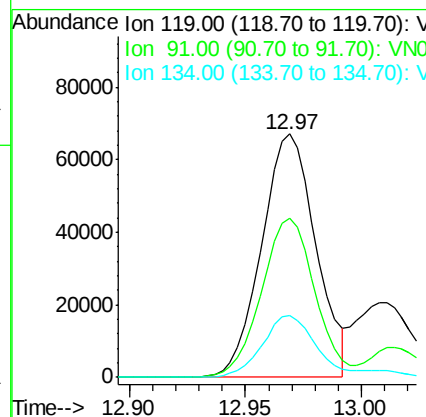
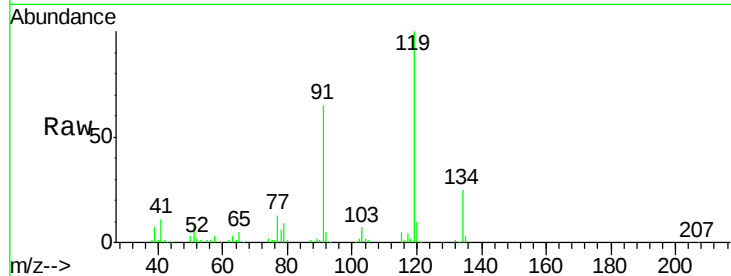
#83
 tert-Butylbenzene
 Concen: 19.550 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN061894.D
 Acq: 18 Jun 2020 12:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0618WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	109453		
91	64.8	31.5	94.5	
134	27.1	13.3	39.9	

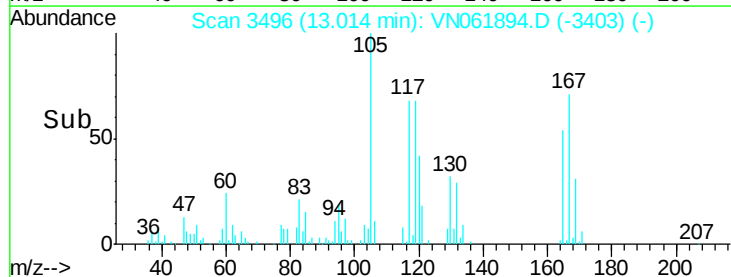
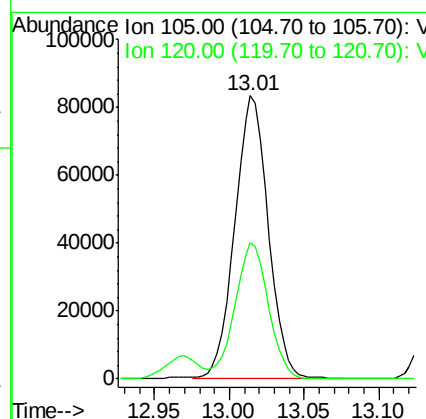
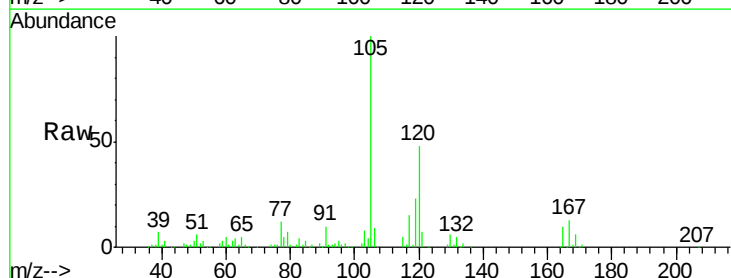
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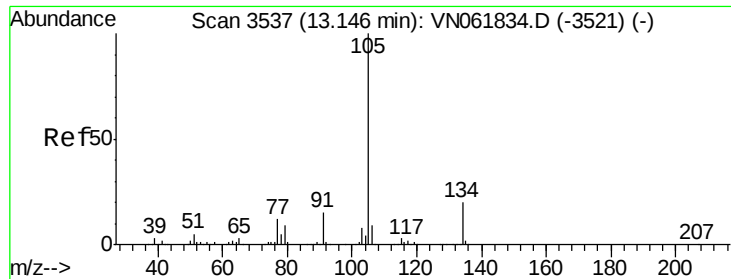
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.817 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN061894.D
 Acq: 18 Jun 2020 12:50

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	129185		
120	48.3	23.3	69.9	





#85

sec-Butylbenzene

Concen: 19.872 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN061894.D

Acq: 18 Jun 2020 12:50

Instrument :

MSVOA_N

ClientSampleId :

VN0618WBS01

Tot Ion:105 Resp: 145620

Ion Ratio Lower Upper

105 100

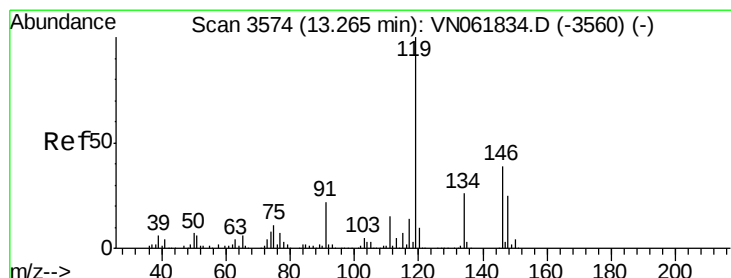
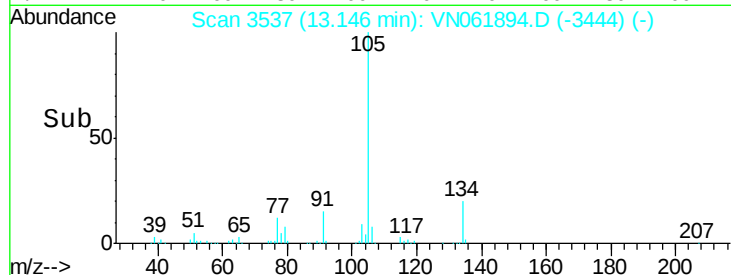
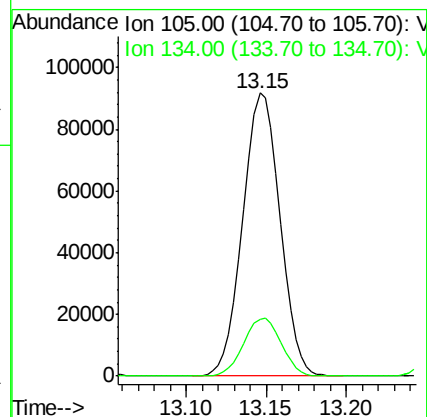
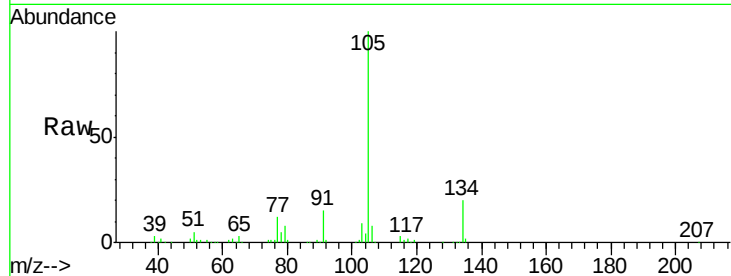
134 20.7 10.1 30.1

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#86

p-Isopropyltoluene

Concen: 20.186 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN061894.D

Acq: 18 Jun 2020 12:50

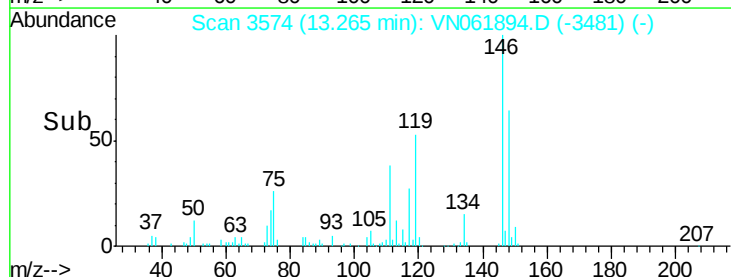
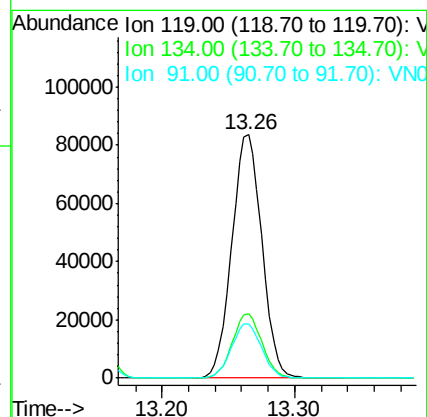
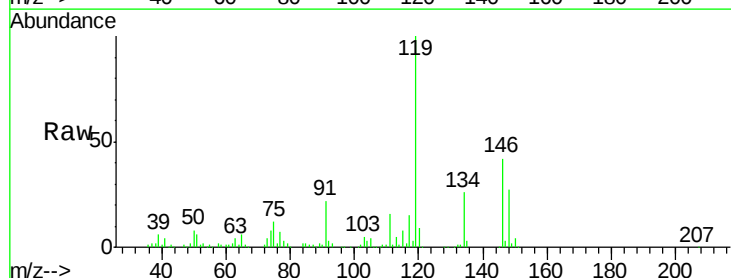
Tgt Ion:119 Resp: 131815

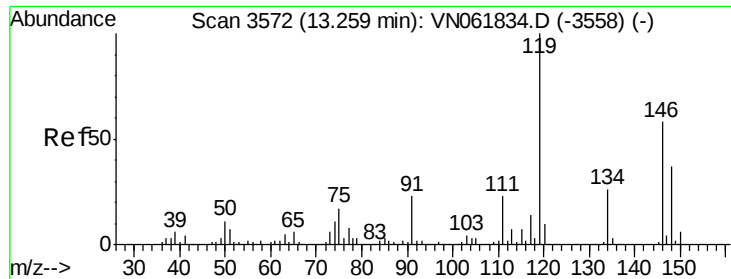
Ion Ratio Lower Upper

119 100

134 25.9 13.3 39.9

91 22.5 11.2 33.6





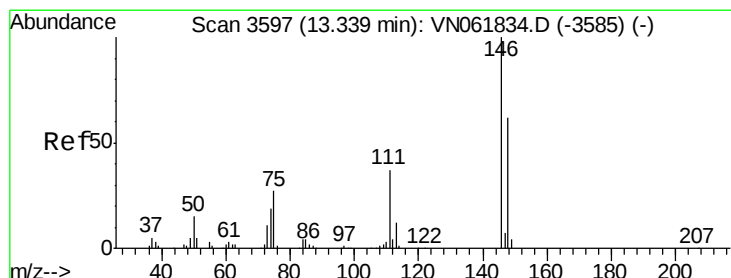
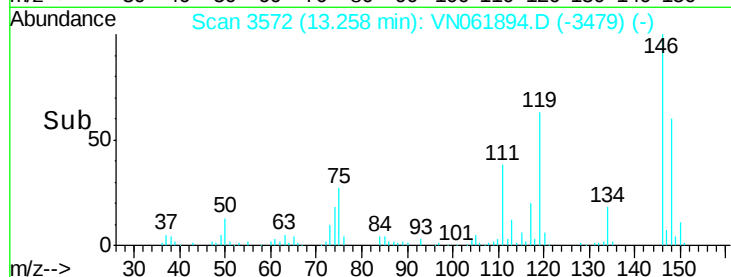
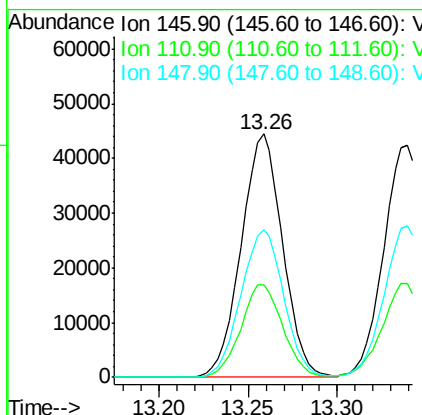
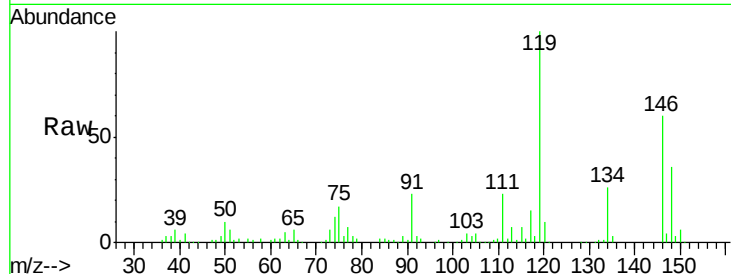
#87
 1,3-Dichlorobenzene
 Concen: 19.663 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN061894.D
 Acq: 18 Jun 2020 12:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0618WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.6	58.8
148	62.4	31.8	95.4

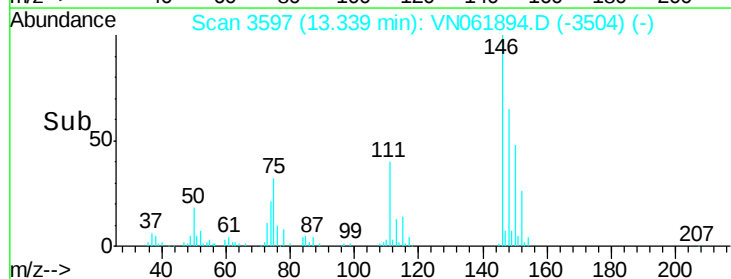
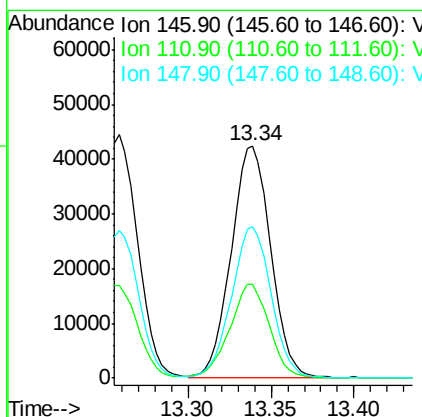
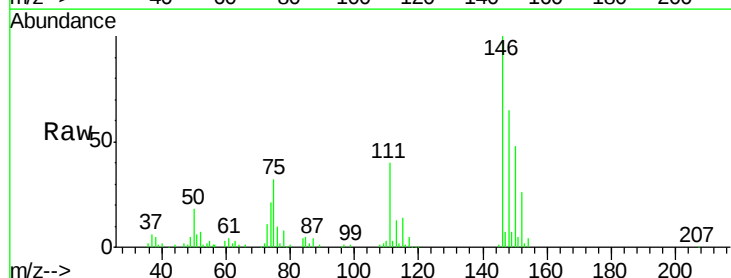
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#88
 1,4-Dichlorobenzene
 Concen: 18.789 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN061894.D
 Acq: 18 Jun 2020 12:50

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.5	19.3	57.8
148	65.3	31.6	94.7





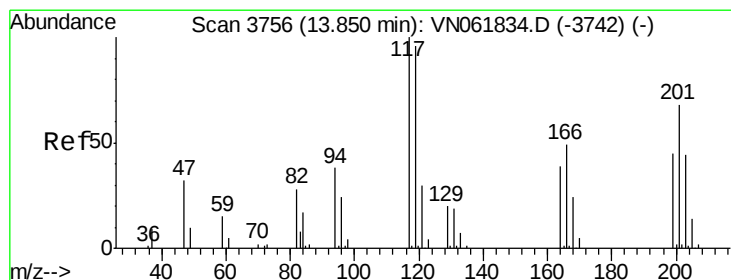
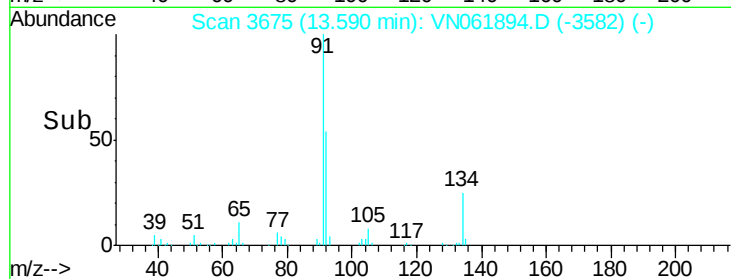
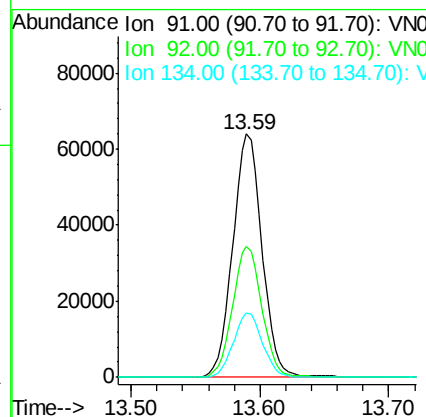
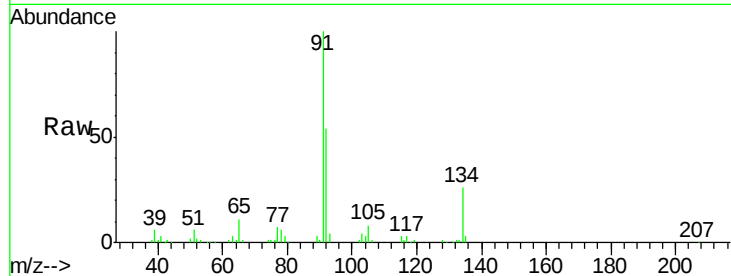
#89
n-Butylbenzene
Concen: 18.428 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN061894.D
Acq: 18 Jun 2020 12:50

Instrument :
MSVOA_N
ClientSampleId :
VN0618WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.6	27.0	80.8
134	26.3	13.0	39.0

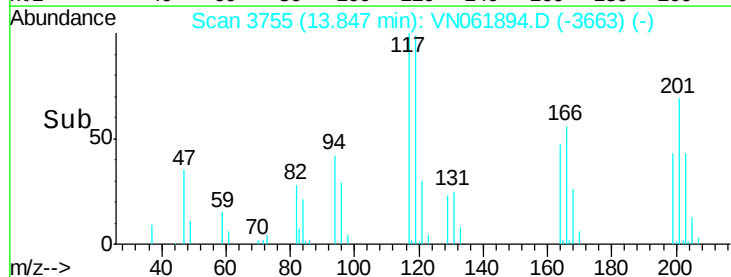
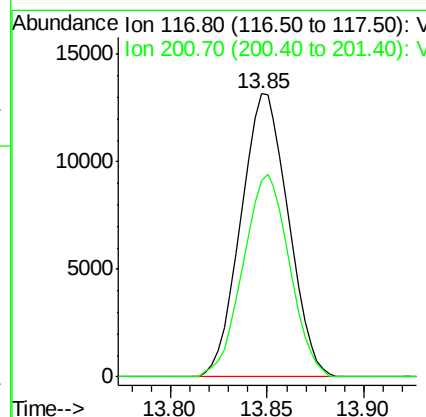
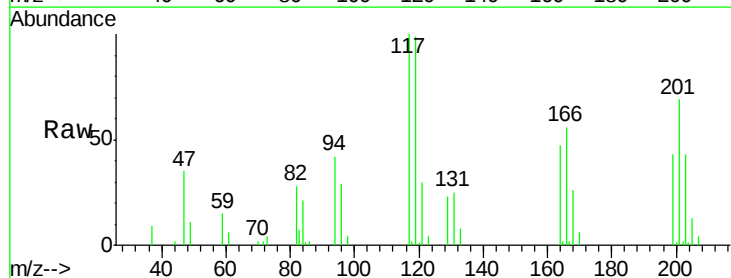
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#90
Hexachloroethane
Concen: 18.823 ug/l
RT: 13.85 min Scan# 3755
Delta R.T. -0.00 min
Lab File: VN061894.D
Acq: 18 Jun 2020 12:50

Tgt Ion	Ratio	Lower	Upper
117	100		
201	69.6	34.6	103.8





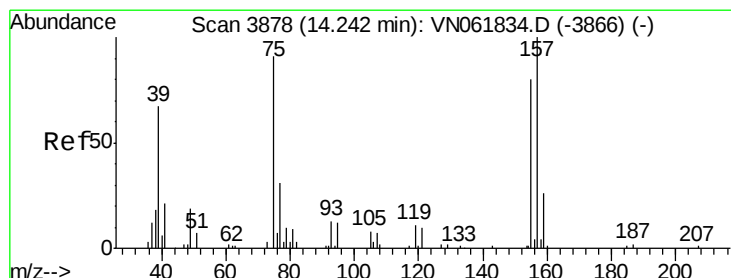
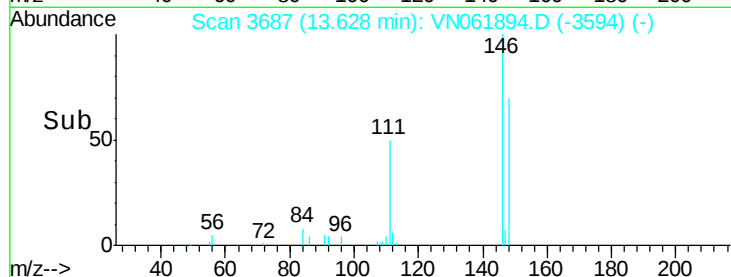
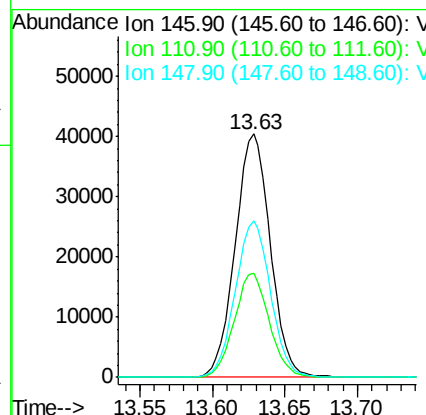
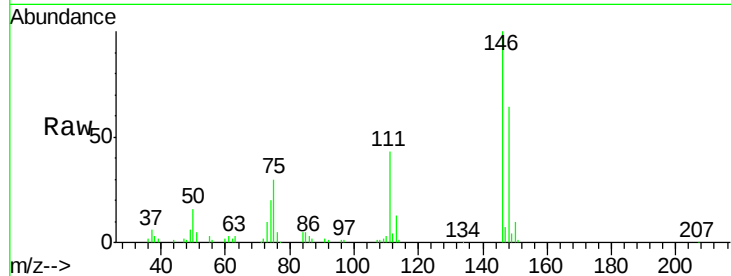
#91
 1,2-Dichlorobenzene
 Concen: 19.208 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN061894.D
 Acq: 18 Jun 2020 12:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0618WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.4	20.4	61.2
148	64.2	31.8	95.4

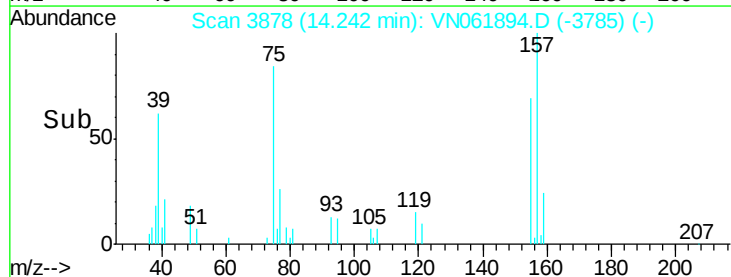
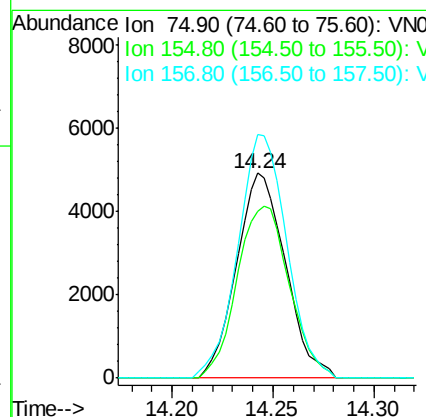
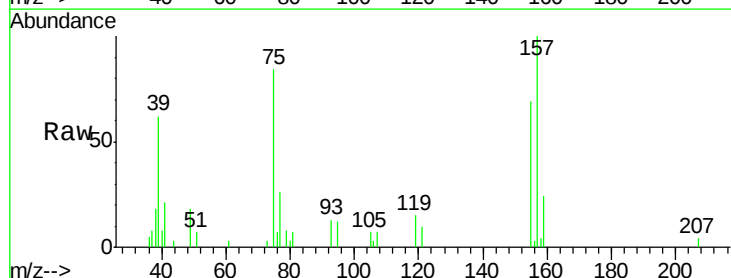
Manual Integrations
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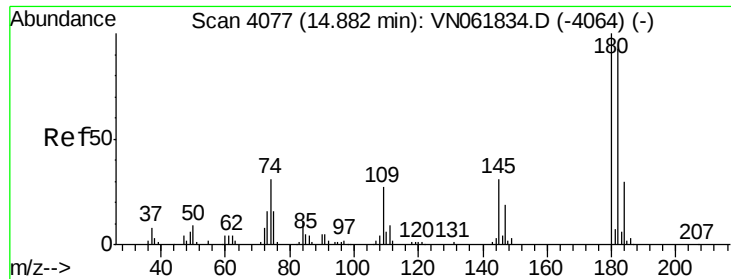
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.864 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. -0.00 min
 Lab File: VN061894.D
 Acq: 18 Jun 2020 12:50

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.3	44.4	133.2
157	118.3	57.0	171.2





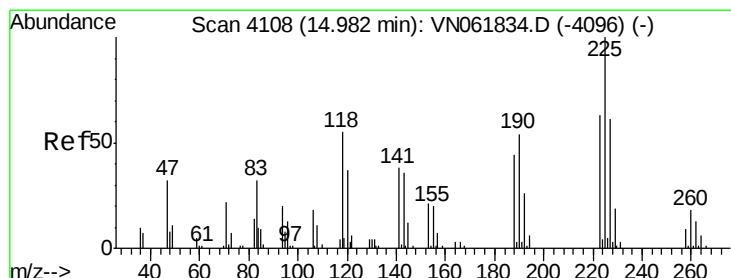
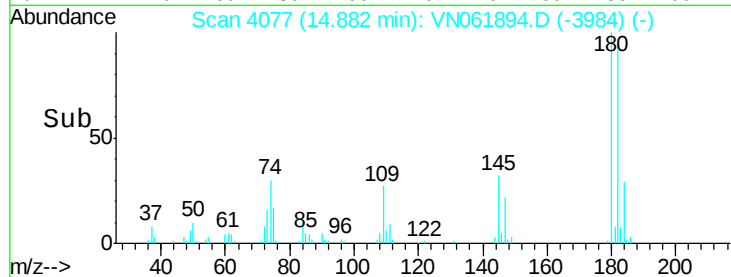
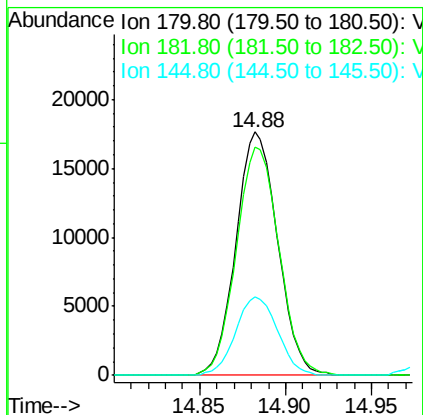
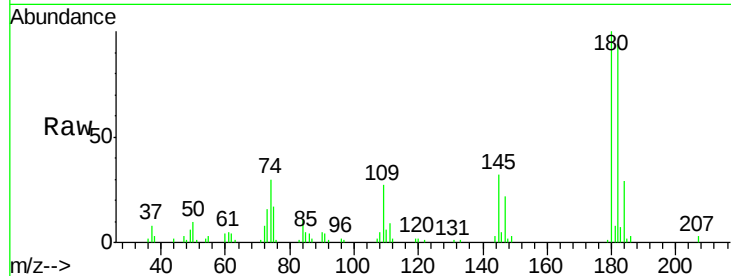
#93
 1,2,4-Trichlorobenzene
 Concen: 17.750 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN061894.D
 Acq: 18 Jun 2020 12:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0618WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.2	47.0	141.2
145	32.5	15.8	47.3

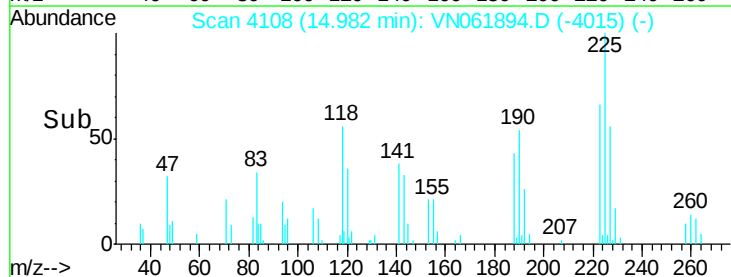
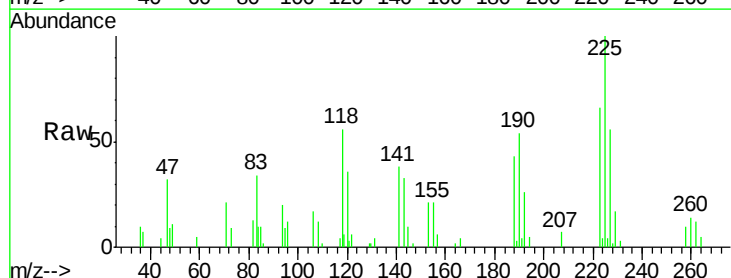
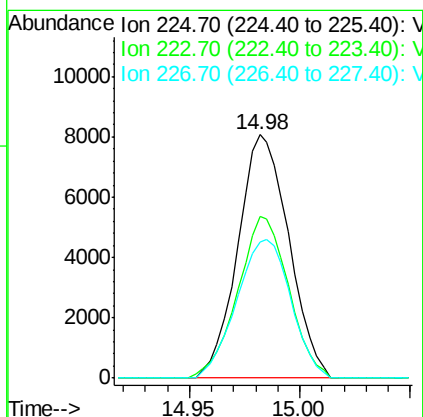
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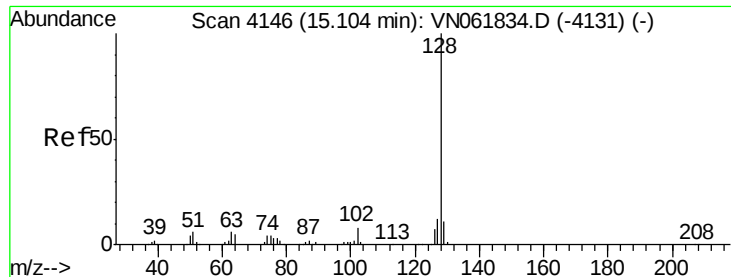
MMDadoda
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#94
 Hexachlorobutadiene
 Concen: 19.704 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN061894.D
 Acq: 18 Jun 2020 12:50

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.2	31.7	95.1
227	60.5	30.1	90.3





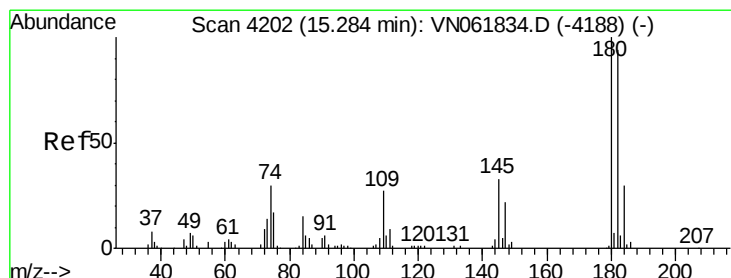
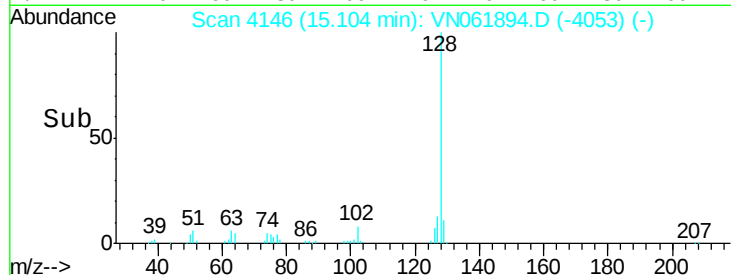
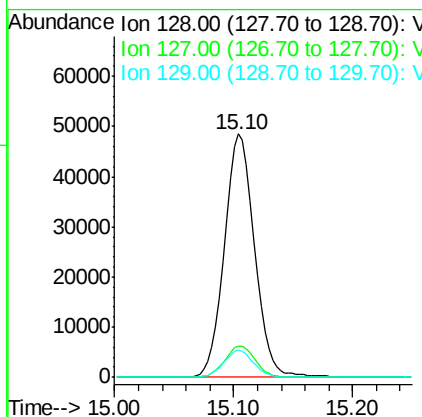
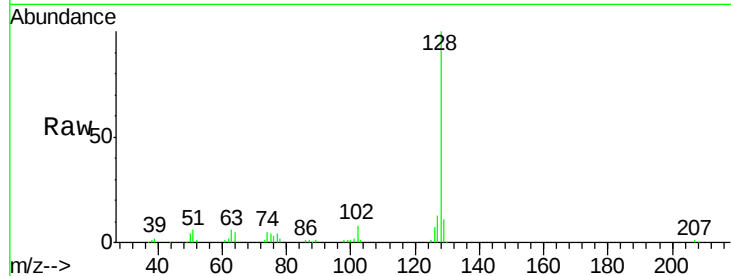
#95
Naphthalene
Concen: 17.630 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN061894.D
Acq: 18 Jun 2020 12:50

Instrument :
MSVOA_N
ClientSampleId :
VN0618WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	10.9	8.6	13.0

Manual Integrations
APPROVED

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6/19/2020 1:03:43 PM



#96
1,2,3-Trichlorobenzene
Concen: 18.489 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN061894.D
Acq: 18 Jun 2020 12:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	47.9	143.6
145	32.3	16.5	49.5

