

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061720\
 Data File : VN061841.D
 Acq On : 17 Jun 2020 12:11
 Operator : JC/MD
 Sample : VN0617WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0617WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/18/2020 9:38:08 AM

Quant Time: Jun 18 04:26:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 17 01:19:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	172204	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	294451	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	270549	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	127827	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	111974	48.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.96%	
35) Dibromofluoromethane	7.54	113	94956	50.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.82%	
50) Toluene-d8	10.06	98	369853	49.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.88%	
62) 4-Bromofluorobenzene	12.37	95	123200	48.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	45496	20.478	ug/l	97
3) Chloromethane	2.03	50	45848	19.181	ug/l	98
4) Vinyl Chloride	2.16	62	57119	20.045	ug/l	98
5) Bromomethane	2.53	94	40409	18.467	ug/l	97
6) Chloroethane	2.67	64	37298	19.340	ug/l	98
7) Trichlorofluoromethane	2.98	101	62907	18.482	ug/l	97
8) Diethyl Ether	3.37	74	21885	19.126	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	34672	19.856	ug/l	99
10) Methyl Iodide	3.91	142	37912	21.394	ug/l	99
11) Tert butyl alcohol	4.73	59	30054	94.039	ug/l	99
12) 1,1-Dichloroethene	3.69	96	34552	19.748	ug/l	96
13) Acrolein	3.56	56	15231	79.739	ug/l	98
14) Allyl chloride	4.27	41	44475	19.152	ug/l	100
15) Acrylonitrile	4.92	53	74868	94.543	ug/l	99
16) Acetone	3.77	43	67466	98.897	ug/l	97
17) Carbon Disulfide	4.01	76	99009	19.339	ug/l	99
18) Methyl Acetate	4.27	43	36098	18.380	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	110909	19.038	ug/l	96
20) Methylene Chloride	4.50	84	40031	18.011	ug/l	95
21) trans-1,2-Dichloroethene	4.98	96	39028	19.420	ug/l	92
22) Diisopropyl ether	5.90	45	99675	18.768	ug/l	98
23) Vinyl Acetate	5.84	43	390477	93.480	ug/l	99
24) 1,1-Dichloroethane	5.80	63	63944	18.392	ug/l	99
25) 2-Butanone	6.78	43	94070	94.513	ug/l	98
26) 2,2-Dichloropropane	6.77	77	57749	19.743	ug/l	100
27) cis-1,2-Dichloroethene	6.77	96	43125	18.597	ug/l	98
28) Bromochloromethane	7.15	49	30569	19.748	ug/l	99
29) Tetrahydrofuran	7.17	42	59647	91.061	ug/l	99
30) Chloroform	7.33	83	68503	18.436	ug/l	99
31) Cyclohexane	7.61	56	56124	18.441	ug/l	# 96
32) 1,1,1-Trichloroethane	7.53	97	58908	18.616	ug/l	99
36) 1,1-Dichloropropene	7.75	75	51289	19.097	ug/l	98
37) Ethyl Acetate	6.88	43	41290	19.687	ug/l	96
38) Carbon Tetrachloride	7.73	117	50216	18.881	ug/l	95

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MMDadoda
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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	58446	20.210	ug/l	98
40) Benzene	8.00	78	156002	19.175	ug/l	99
41) Methacrylonitrile	7.14	41	19316m	21.538	ug/l	
42) 1,2-Dichloroethane	8.09	62	53307	19.216	ug/l	100
43) Isopropyl Acetate	8.12	43	67438	19.080	ug/l #	91
44) Trichloroethene	8.80	130	41687	19.470	ug/l	98
45) 1,2-Dichloropropane	9.08	63	37695	18.854	ug/l	99
46) Dibromomethane	9.18	93	26908	19.112	ug/l	98
47) Bromodichloromethane	9.37	83	53905	18.698	ug/l	97
48) Methyl methacrylate	9.17	41	29294	18.225	ug/l	98
49) 1,4-Dioxane	9.17	88	14942	404.907	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	196470	94.067	ug/l	99
52) Toluene	10.12	92	100183	19.607	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	57752	18.870	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	65088	19.580	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	39070	19.435	ug/l	99
56) Ethyl methacrylate	10.40	69	51595	18.729	ug/l	99
57) 1,3-Dichloropropane	10.68	76	64277	18.873	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	104139	98.155	ug/l	100
59) 2-Hexanone	10.72	43	141792	93.825	ug/l	99
60) Dibromochloromethane	10.87	129	42450	18.924	ug/l	99
61) 1,2-Dibromoethane	10.98	107	39811	18.965	ug/l	98
64) Tetrachloroethene	10.60	164	35858	20.795	ug/l	99
65) Chlorobenzene	11.40	112	108968	19.088	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	39737	19.958	ug/l	98
67) Ethyl Benzene	11.48	91	185024	19.330	ug/l	99
68) m/p-Xylenes	11.59	106	144952	39.274	ug/l	100
69) o-Xylene	11.92	106	68482	19.446	ug/l	99
70) Styrene	11.94	104	112941	19.154	ug/l	100
71) Bromoform	12.10	173	27590	19.005	ug/l #	98
73) Isopropylbenzene	12.22	105	177942	19.589	ug/l	98
74) N-amyl acetate	12.05	43	56127	19.081	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	54414	18.425	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	45110m	17.975	ug/l	
77) Bromobenzene	12.50	156	44900	19.593	ug/l	96
78) n-propylbenzene	12.56	91	200698	19.364	ug/l	99
79) 2-Chlorotoluene	12.65	91	119237	19.155	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	147526	19.631	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	17346	18.852	ug/l	99
82) 4-Chlorotoluene	12.75	91	124607	19.372	ug/l	99
83) tert-Butylbenzene	12.97	119	123391	19.368	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	148760	20.053	ug/l	100
85) sec-Butylbenzene	13.15	105	165314	19.824	ug/l	100
86) p-Isopropyltoluene	13.26	119	151150	20.341	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	79123	18.930	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	78543	18.358	ug/l	99
89) n-Butylbenzene	13.59	91	121859	19.637	ug/l	98
90) Hexachloroethane	13.85	117	26004	19.118	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	77220	19.191	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	8785	18.323	ug/l	98

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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)
93) 1,2,4-Trichlorobenzene	14.88	180	36648	19.301	ug/l	99
94) Hexachlorobutadiene	14.98	225	15298	20.457	ug/l	96
95) Naphthalene	15.10	128	102349	18.458	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	36454	19.386	ug/l	99

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

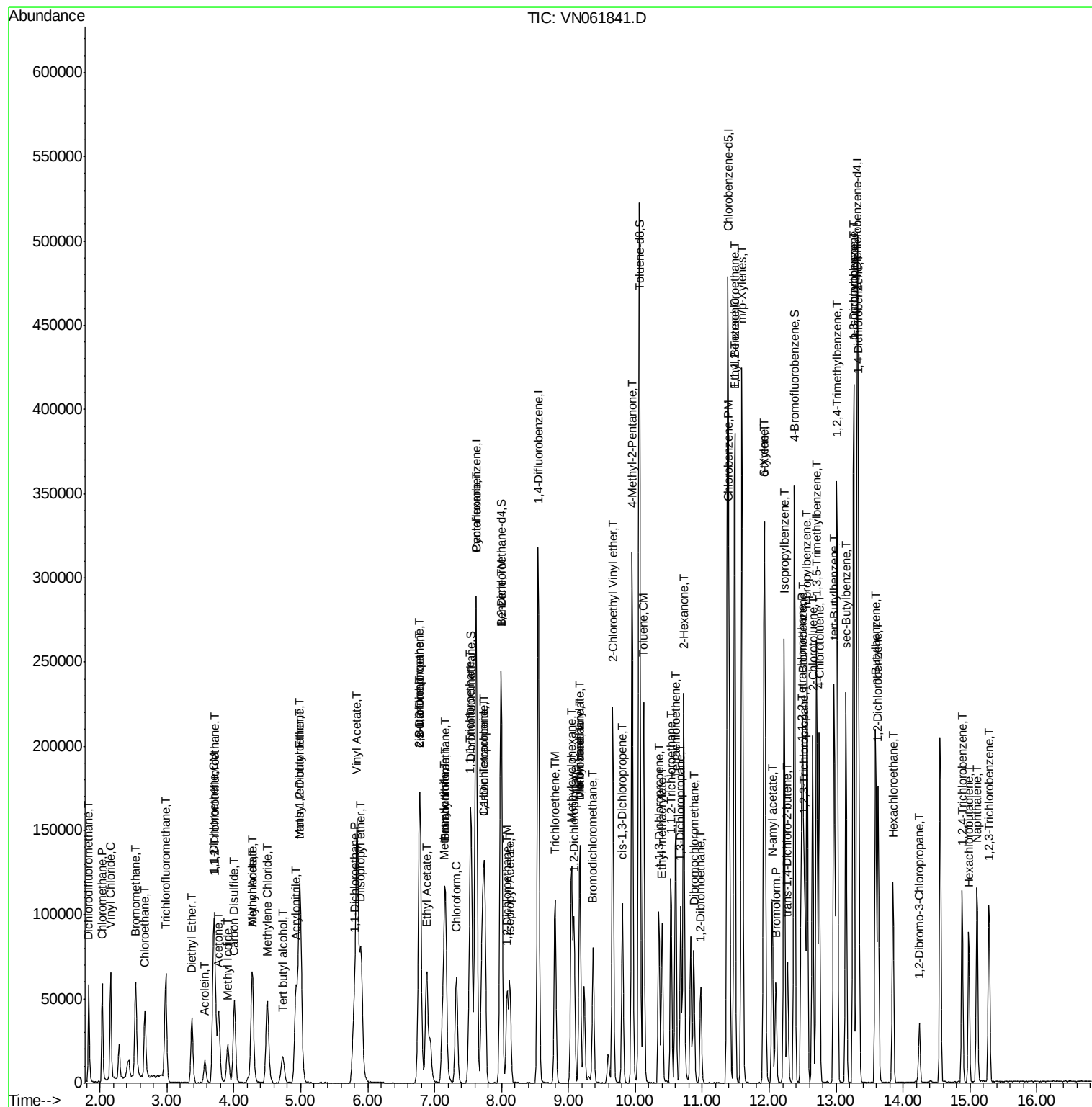
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061720\
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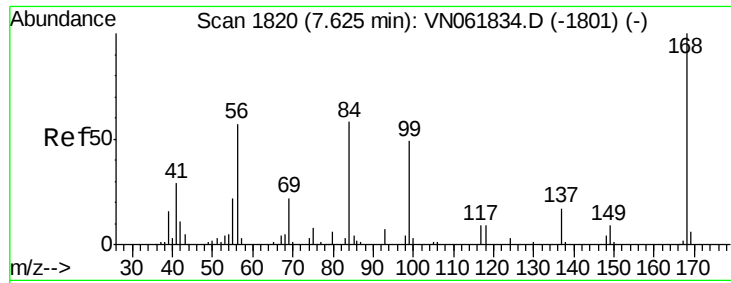
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0617WBS01

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN061841.D

Acq: 17 Jun 2020 12:11

Instrument :

MSVOA_N

ClientSampleId :

VN0617WBS01

Tot Ion:168 Resp: 172204

Ion Ratio Lower Upper

168 100

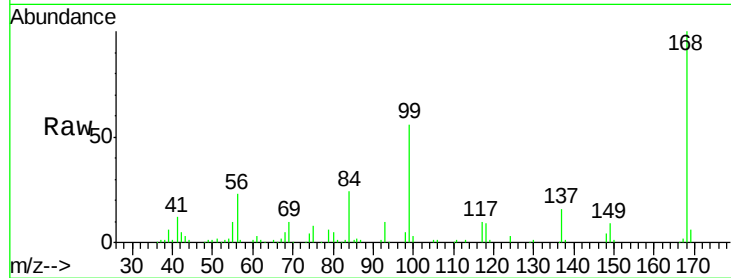
99 55.3 44.6 67.0

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

80000

60000

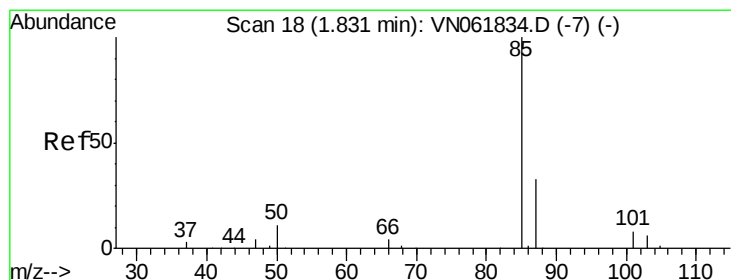
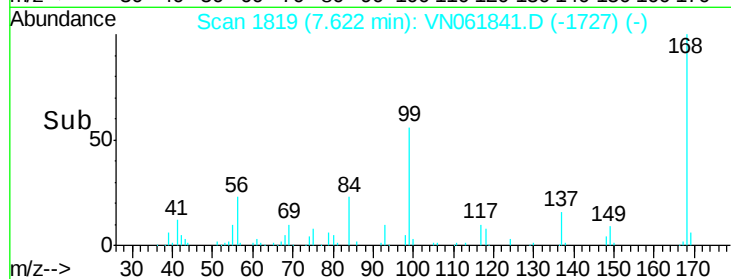
40000

20000

0

7.50 7.55 7.60 7.65 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 20.478 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061841.D

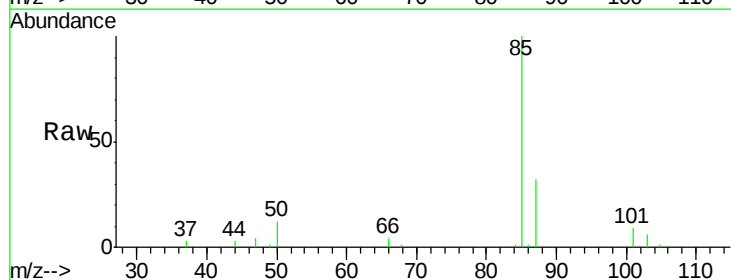
Acq: 17 Jun 2020 12:11

Tgt Ion: 85 Resp: 45496

Ion Ratio Lower Upper

85 100

87 31.6 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

30000

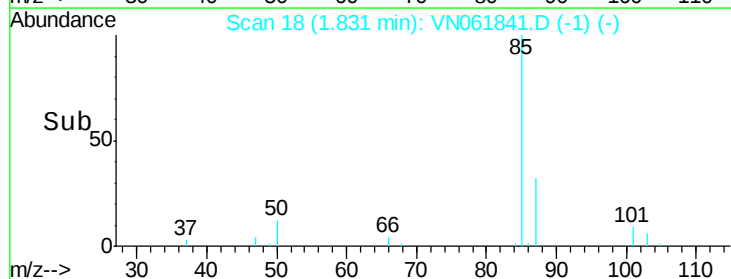
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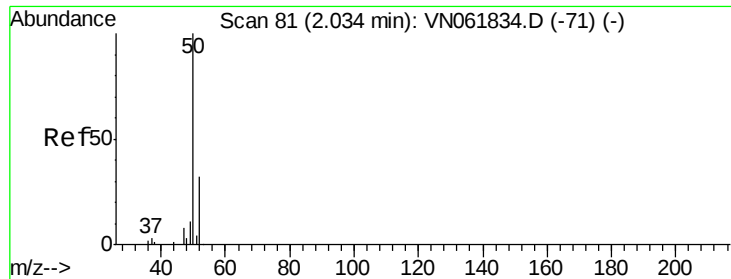
10000

0

1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 19.181 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN061841.D

Acq: 17 Jun 2020 12:11

Instrument :

MSVOA_N

ClientSampleId :

VN0617WBS01

Tot Ion: 50 Resp: 45848

Ion Ratio Lower Upper

50 100

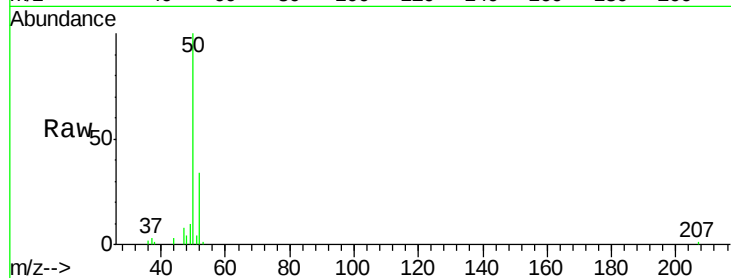
52 33.8 26.0 39.0

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VN061841.D (-1) (-)

Ion 51.90 (51.60 to 52.60): VN061841.D (-1) (-)

2.03

40000

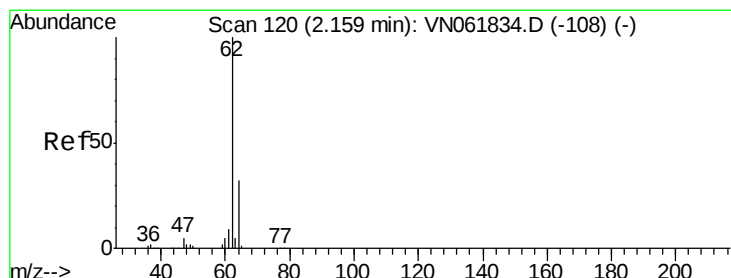
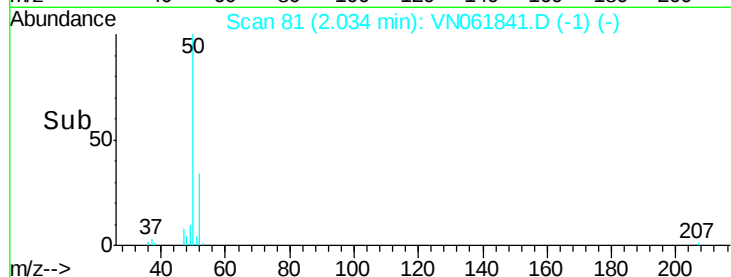
30000

20000

10000

0

Time-->



#4

Vinyl Chloride

Concen: 20.045 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN061841.D

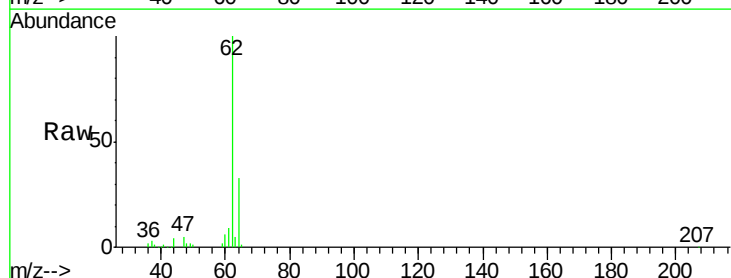
Acq: 17 Jun 2020 12:11

Tgt Ion: 62 Resp: 57119

Ion Ratio Lower Upper

62 100

64 33.1 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VN061841.D (-27) (-)

Ion 63.90 (63.60 to 64.60): VN061841.D (-27) (-)

2.16

40000

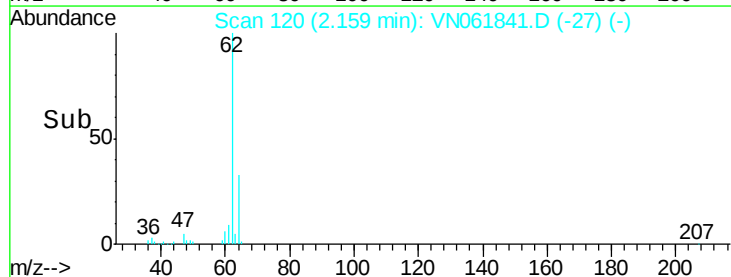
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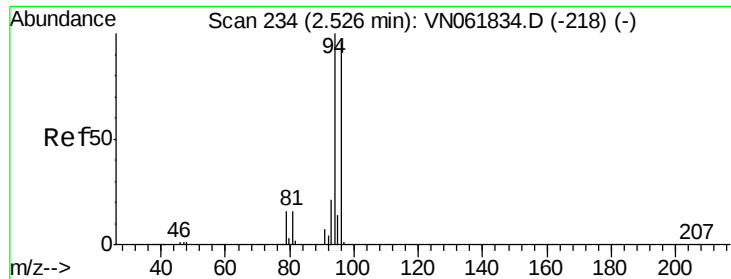
20000

10000

0

Time-->





#5

Bromomethane

Concen: 18.467 ug/l

RT: 2.53 min Scan# 236

Delta R.T. 0.01 min

Lab File: VN061841.D

Acq: 17 Jun 2020 12:11

Instrument :

MSVOA_N

ClientSampleId :

VN0617WBS01

Tot Ion: 94 Resp: 40409

Ion Ratio Lower Upper

94 100

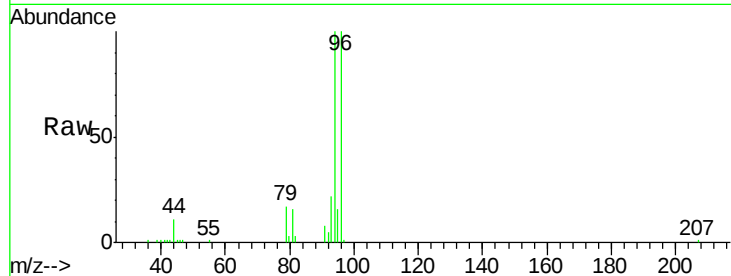
96 99.3 76.7 115.1

Manual Integrations

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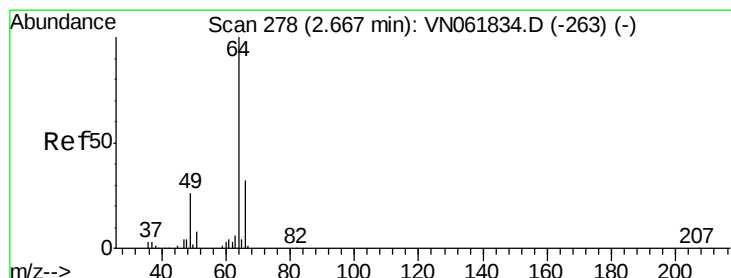
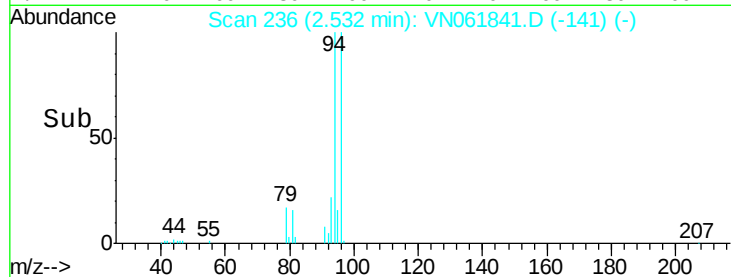
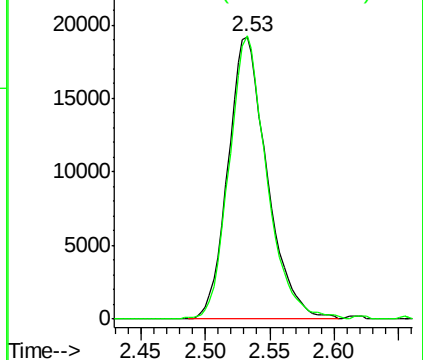
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 19.340 ug/l

RT: 2.67 min Scan# 279

Delta R.T. 0.00 min

Lab File: VN061841.D

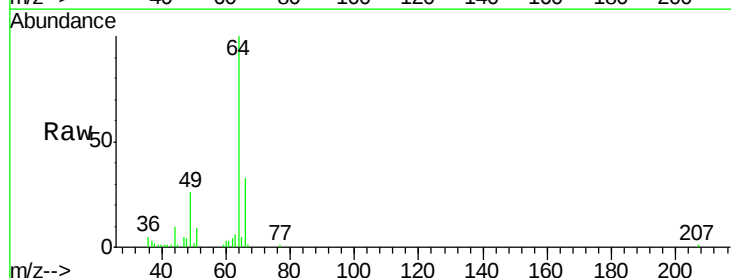
Acq: 17 Jun 2020 12:11

Tgt Ion: 64 Resp: 37298

Ion Ratio Lower Upper

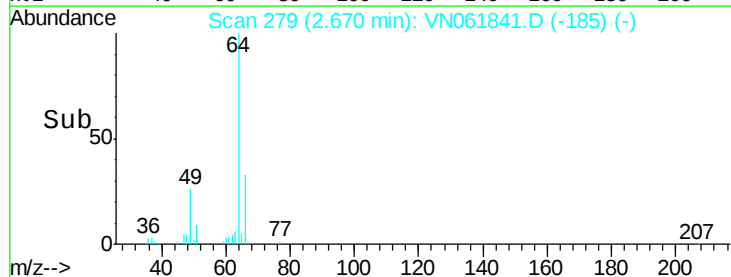
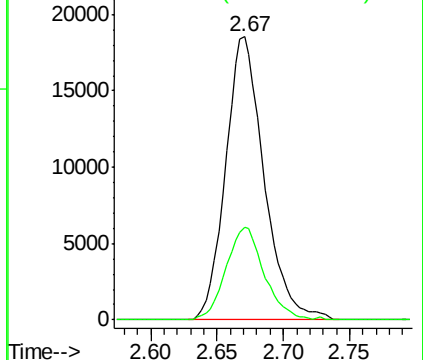
64 100

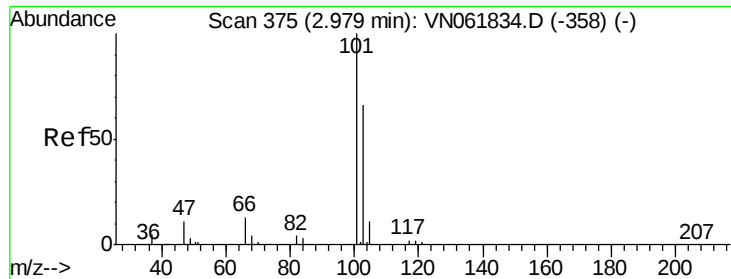
66 32.8 25.4 38.2



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

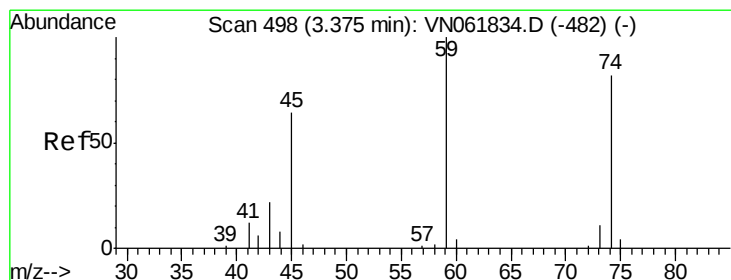
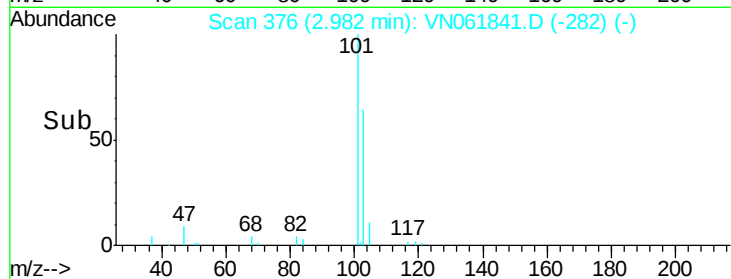
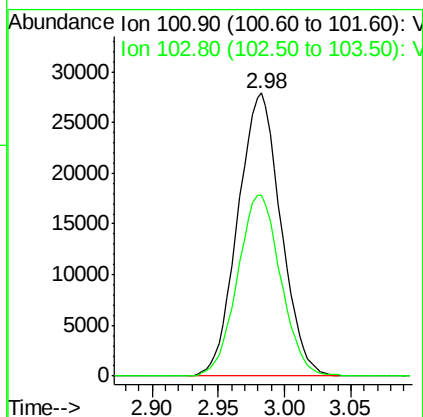
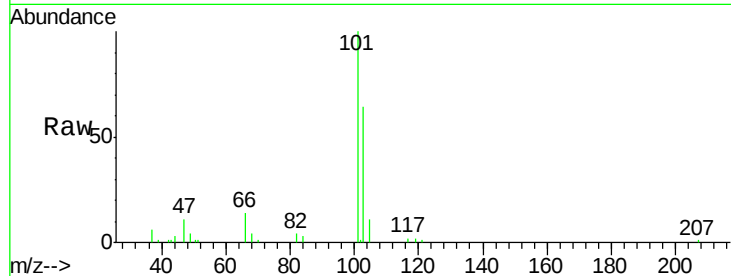
Trichlorofluoromethane
 Concen: 18.482 ug/l
 RT: 2.98 min Scan# 376
 Delta R.T. 0.00 min
 Lab File: VN061841.D
 Acq: 17 Jun 2020 12:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0617WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.0	52.8	79.2

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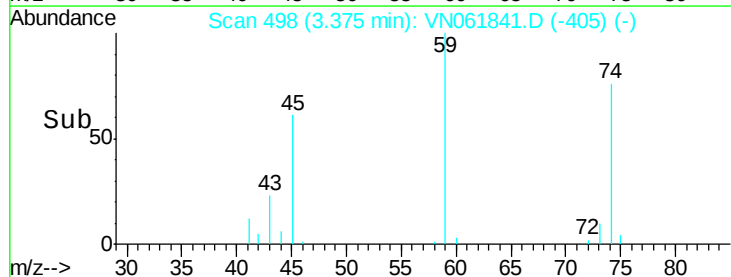
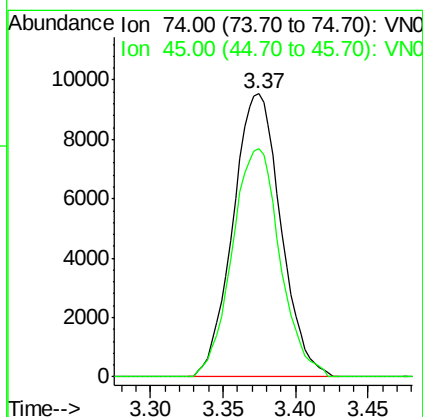
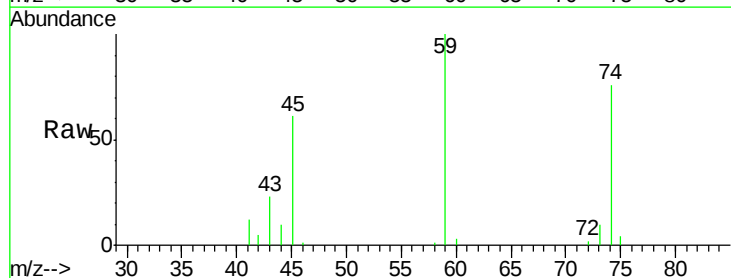
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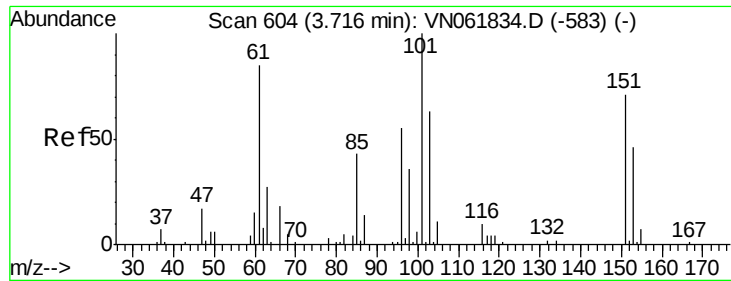


#8

Diethyl Ether
 Concen: 19.126 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. -0.00 min
 Lab File: VN061841.D
 Acq: 17 Jun 2020 12:11

Tgt Ion	Ratio	Lower	Upper
74	100		
45	80.5	39.1	117.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.856 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN061841.D

Acq: 17 Jun 2020 12:11

Instrument :

MSVOA_N

ClientSampleId :

VN0617WBS01

Tot Ion:101 Resp: 34672

Ion Ratio Lower Upper

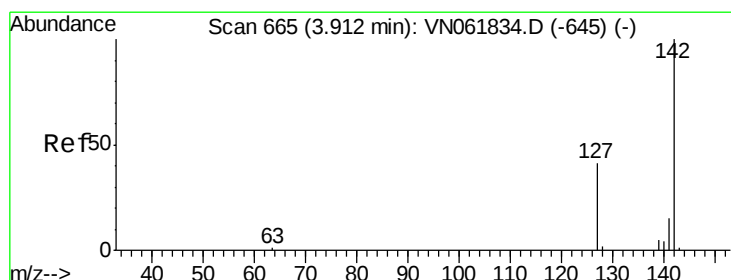
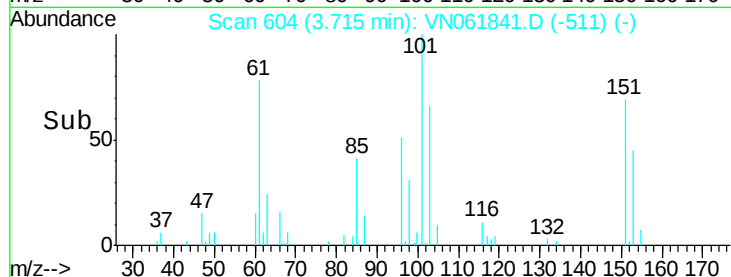
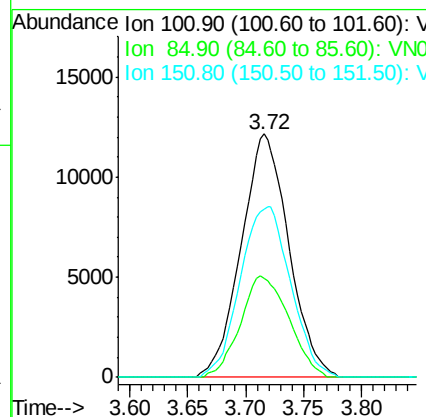
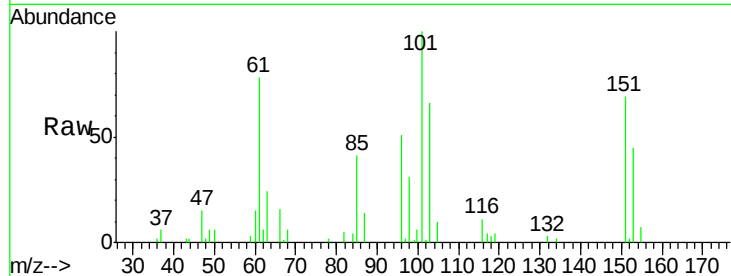
101 100

85 42.3 35.0 52.6

151 74.3 59.2 88.8

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#10

Methyl Iodide

Concen: 21.394 ug/l

RT: 3.91 min Scan# 664

Delta R.T. -0.00 min

Lab File: VN061841.D

Acq: 17 Jun 2020 12:11

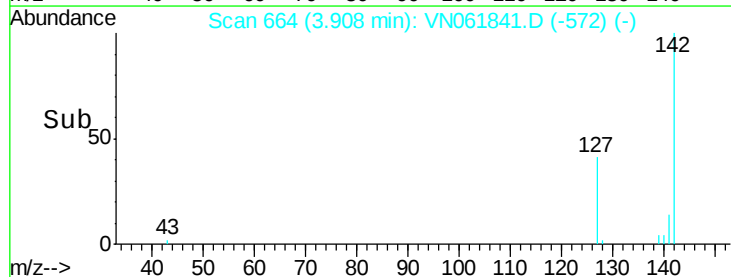
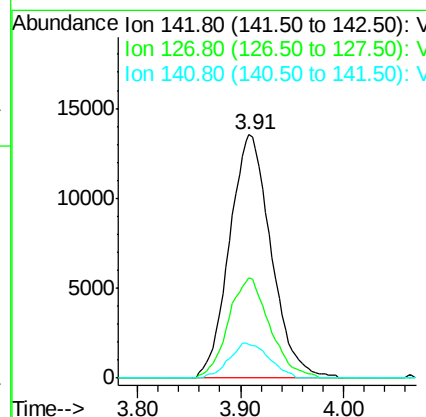
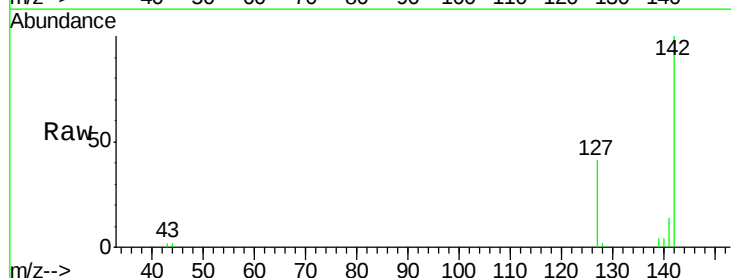
Tgt Ion:142 Resp: 37912

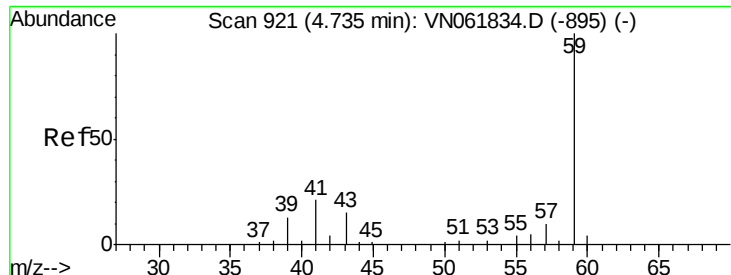
Ion Ratio Lower Upper

142 100

127 41.0 33.4 50.0

141 13.8 11.3 16.9





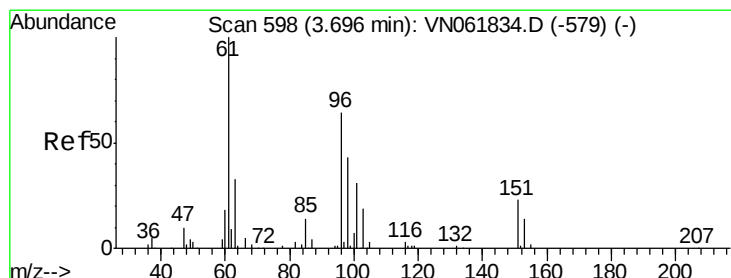
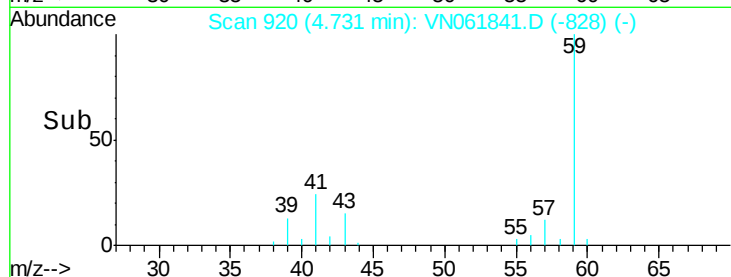
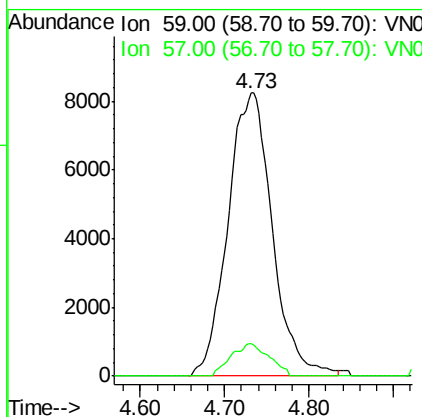
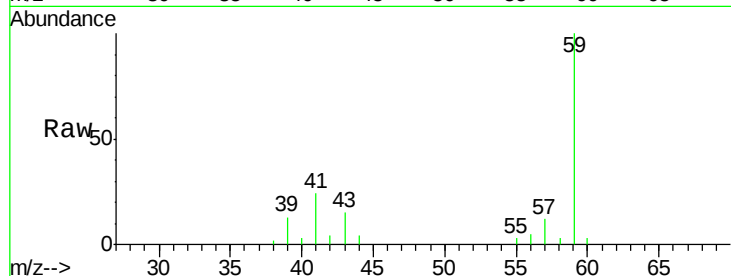
#11
Tert butyl alcohol
Concen: 94.039 ug/l
RT: 4.73 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN061841.D
Acq: 17 Jun 2020 12:11

Instrument :
MSVOA_N
ClientSampleId :
VN0617WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.9	7.7	11.5

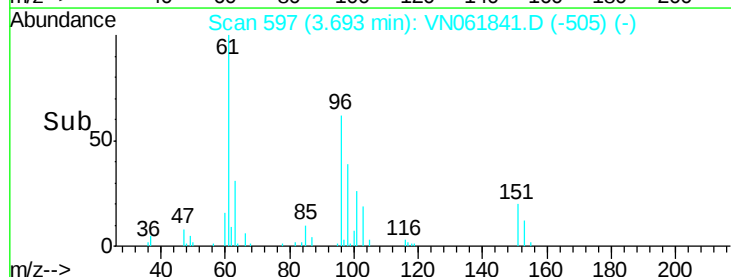
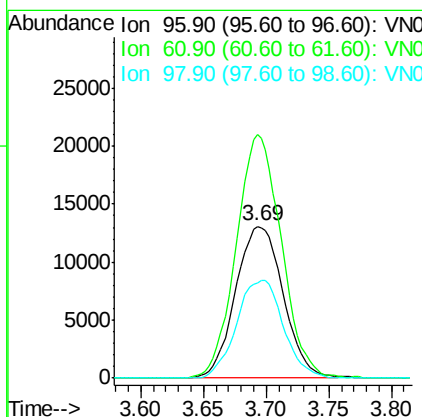
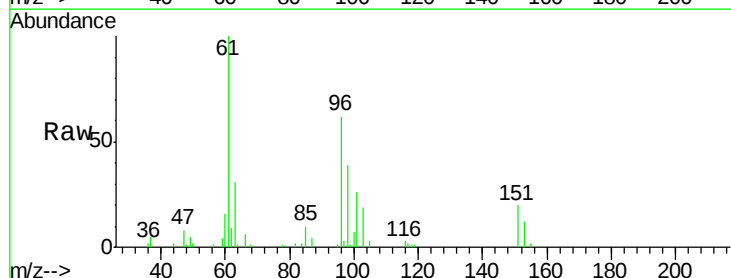
Manual Integrations
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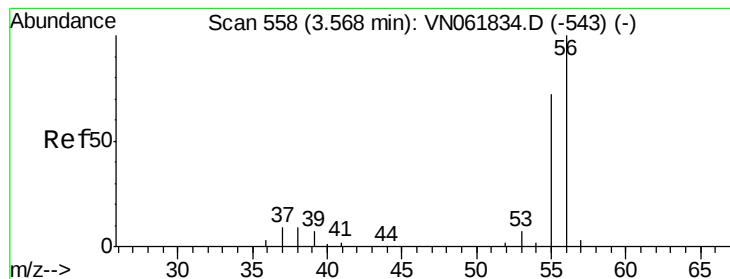
MMDadoda
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#12
1,1-Dichloroethene
Concen: 19.748 ug/l
RT: 3.69 min Scan# 597
Delta R.T. -0.00 min
Lab File: VN061841.D
Acq: 17 Jun 2020 12:11

Tgt Ion	Ratio	Lower	Upper
96	100		
61	160.1	124.3	186.5
98	62.9	53.1	79.7





#13

Acrolein

Concen: 79.739 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN061841.D

Acq: 17 Jun 2020 12:11

Instrument :

MSVOA_N

ClientSampleId :

VN0617WBS01

Tot Ion: 56 Resp: 15231

Ion Ratio Lower Upper

56 100

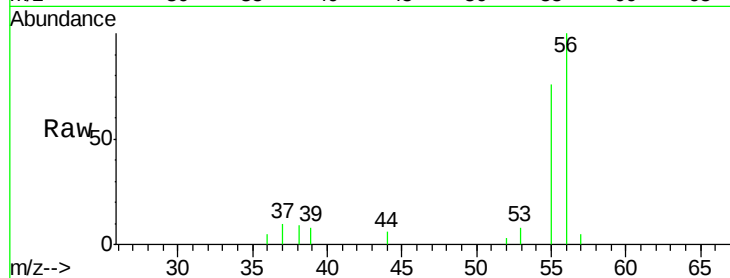
55 68.8 56.2 84.4

Manual Integrations

APPROVED

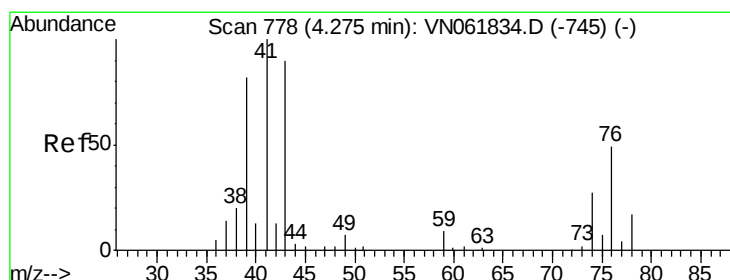
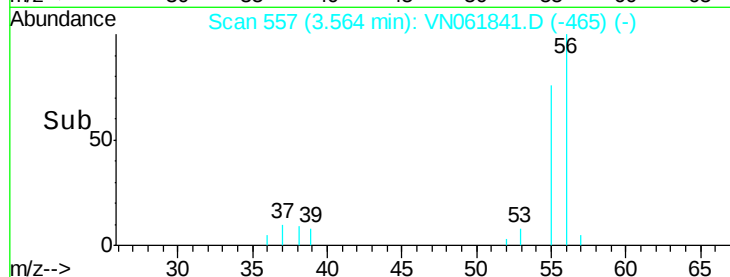
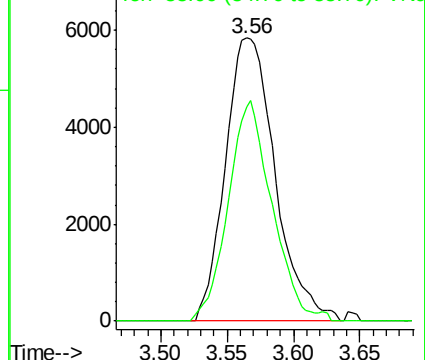
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Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 19.152 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN061841.D

Acq: 17 Jun 2020 12:11

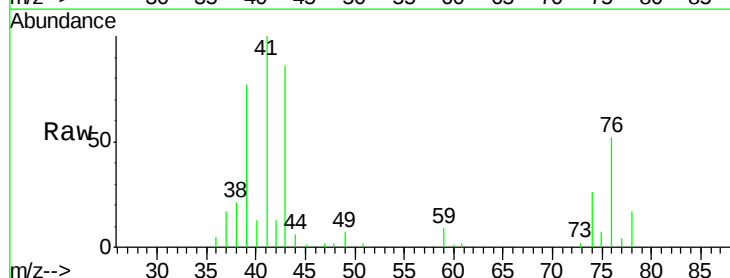
Tgt Ion: 41 Resp: 44475

Ion Ratio Lower Upper

41 100

39 75.1 60.2 90.2

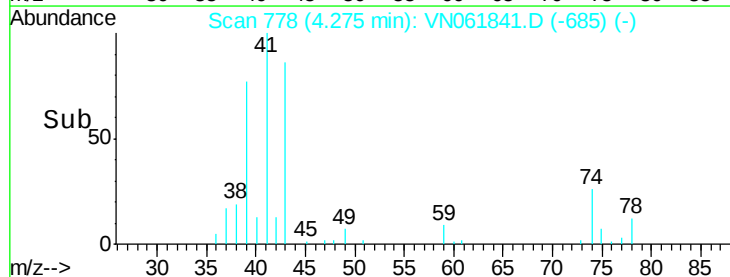
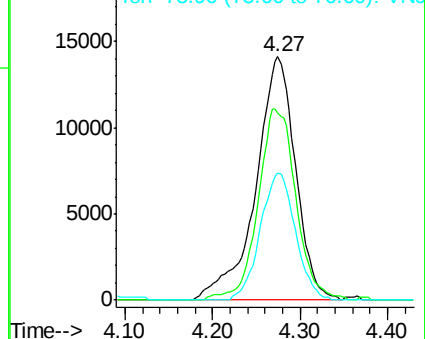
76 46.0 36.3 54.5

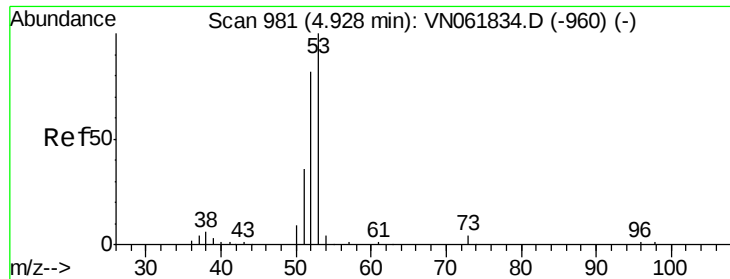


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 94.543 ug/l

RT: 4.92 min Scan# 980

Delta R.T. -0.00 min

Lab File: VN061841.D

Acq: 17 Jun 2020 12:11

Instrument :

MSVOA_N

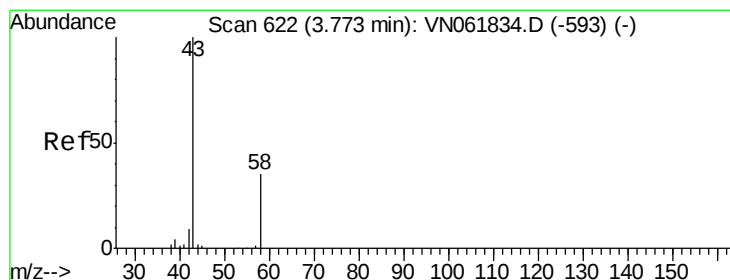
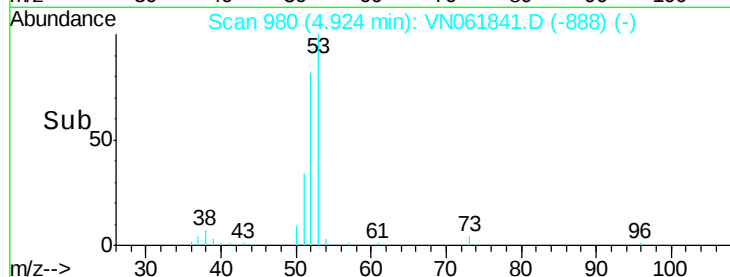
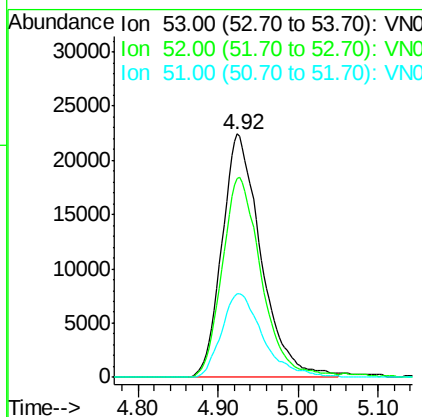
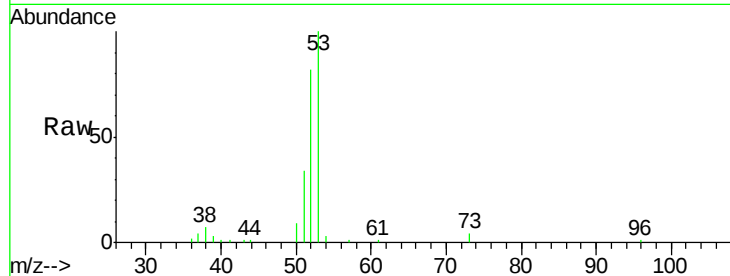
ClientSampleId :

VN0617WBS01

Tot Ion:	53	Resp:	74868
Ion	Ratio	Lower	Upper
53	100		
52	82.2	65.2	97.8
51	36.5	29.3	43.9

Manual Integrations
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#16

Acetone

Concen: 98.897 ug/l

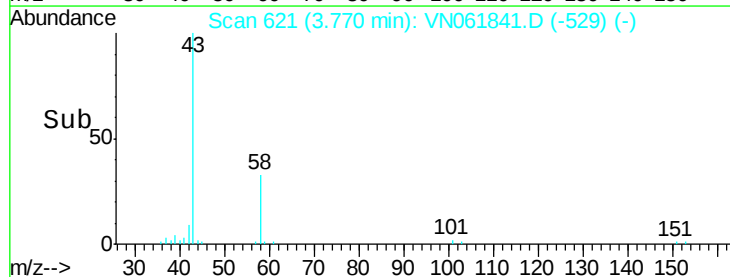
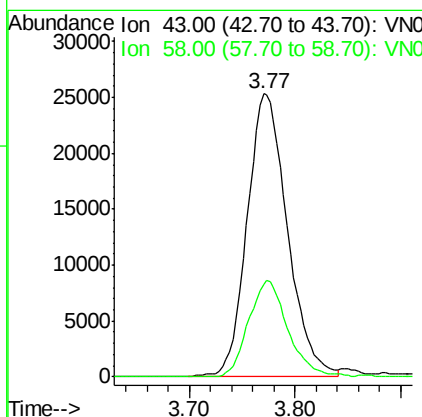
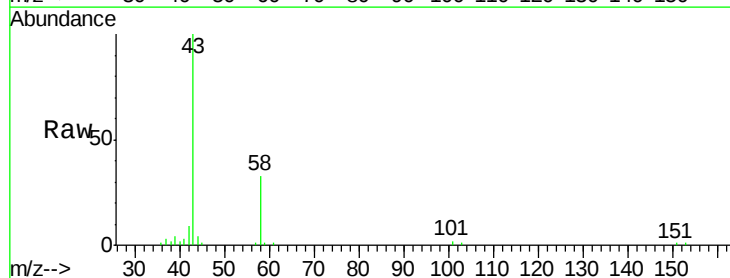
RT: 3.77 min Scan# 621

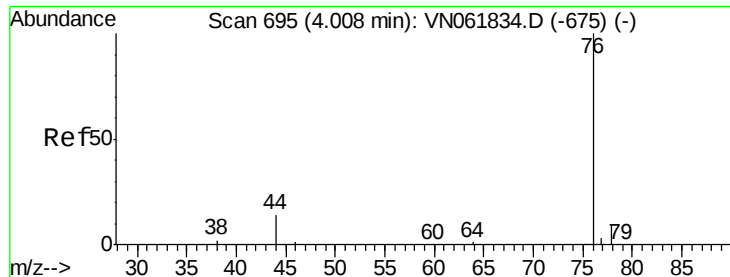
Delta R.T. -0.00 min

Lab File: VN061841.D

Acq: 17 Jun 2020 12:11

Tgt Ion:	43	Resp:	67466
Ion	Ratio	Lower	Upper
43	100		
58	32.9	27.8	41.8





#17

Carbon Disulfide

Concen: 19.339 ug/l

RT: 4.01 min Scan# 695

Delta R.T. -0.00 min

Lab File: VN061841.D

Acq: 17 Jun 2020 12:11

Instrument :

MSVOA_N

ClientSampleId :

VN0617WBS01

Tot Ion: 76 Resp: 99009

Ion Ratio Lower Upper

76 100

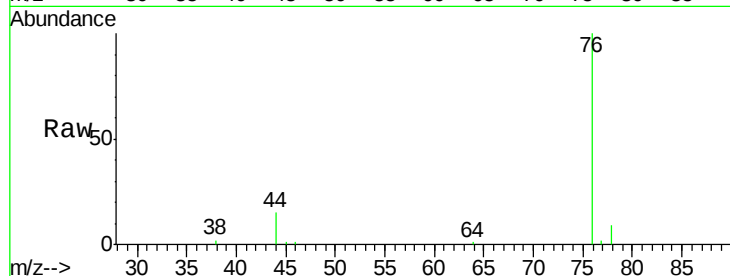
78 9.3 7.3 10.9

Manual Integrations

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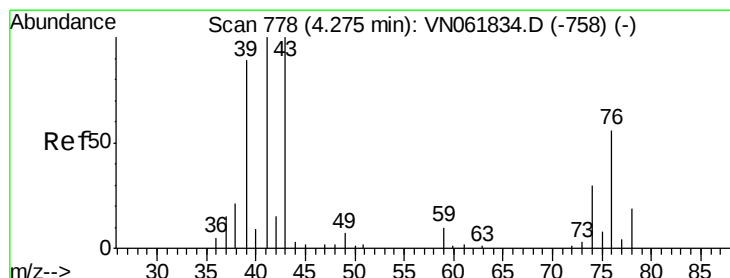
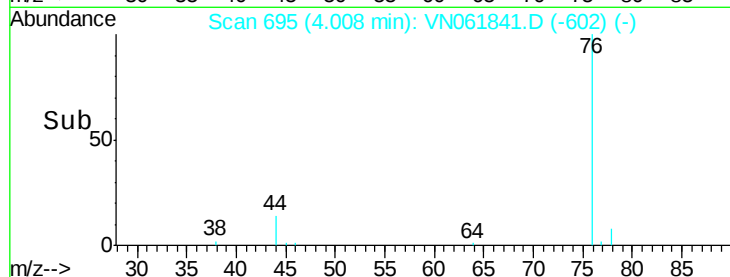
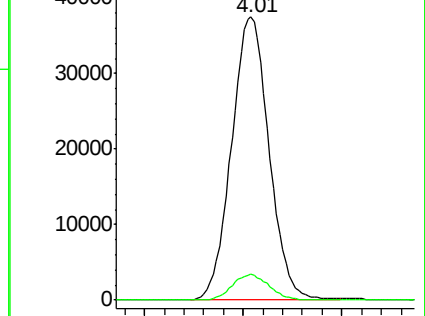
MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 18.380 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN061841.D

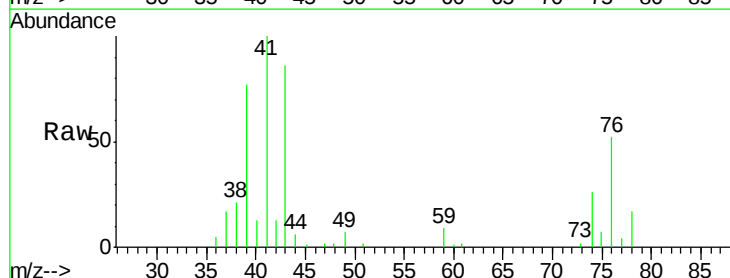
Acq: 17 Jun 2020 12:11

Tgt Ion: 43 Resp: 36098

Ion Ratio Lower Upper

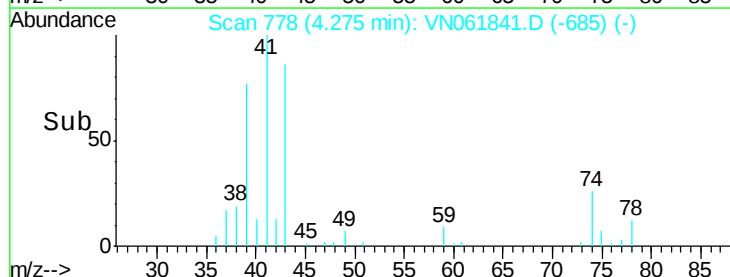
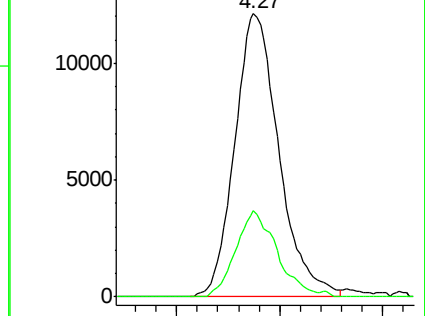
43 100

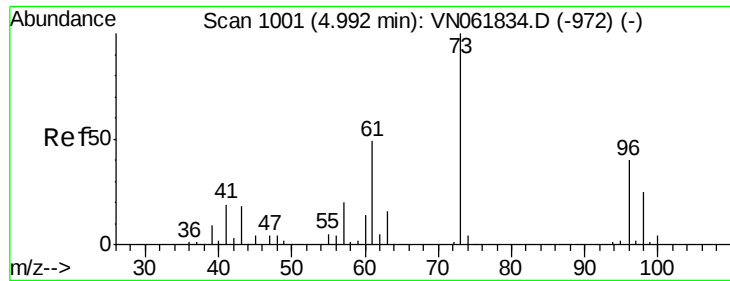
74 28.2 23.0 34.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0





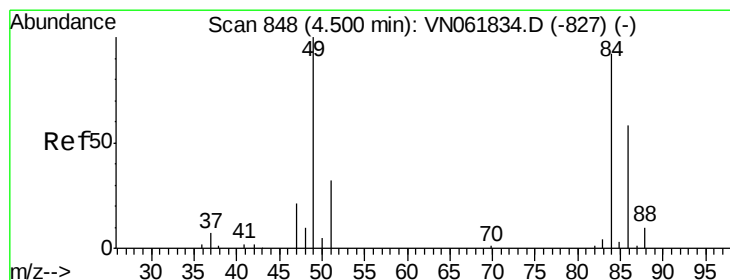
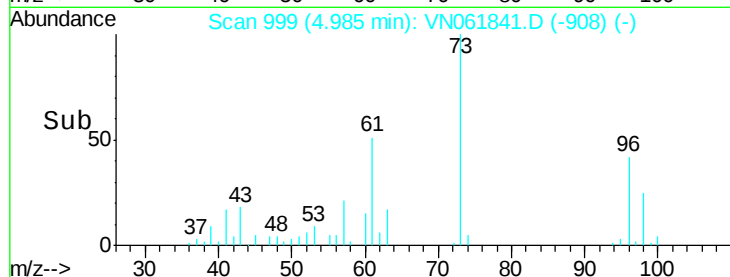
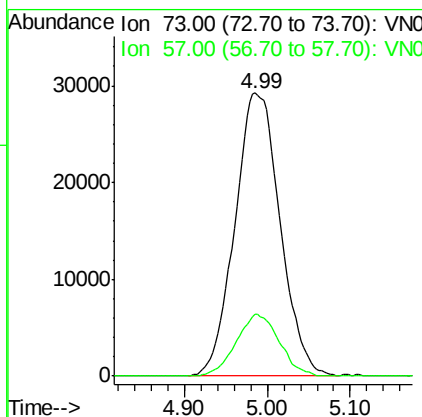
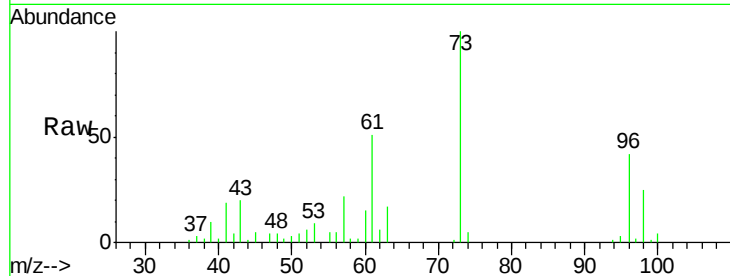
#19
Methvl tert-butvl Ether
Concen: 19.038 ug/l
RT: 4.99 min Scan# 999
Delta R.T. -0.01 min
Lab File: VN061841.D
Acq: 17 Jun 2020 12:11

Instrument :
MSVOA_N
ClientSampleId :
VN0617WBS01

Tot Ion: 73 Resp: 110909
Ion Ratio Lower Upper
73 100
57 22.0 16.2 24.4

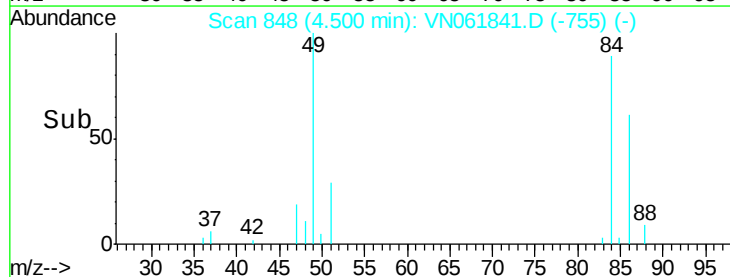
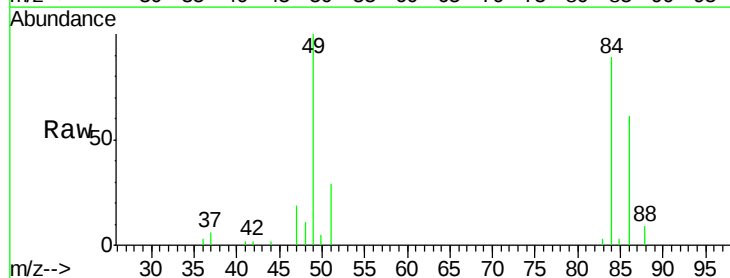
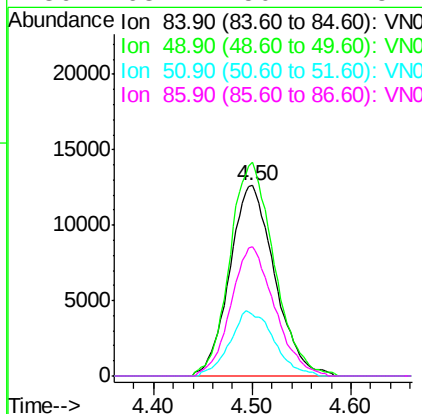
Manual Integrations
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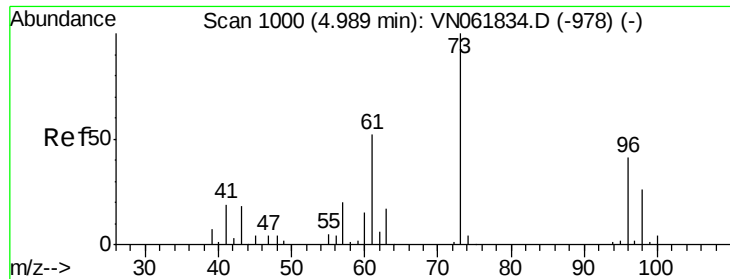
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#20
Methylene Chloride
Concen: 18.011 ug/l
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN061841.D
Acq: 17 Jun 2020 12:11

Tgt Ion: 84 Resp: 40031
Ion Ratio Lower Upper
84 100
49 112.3 87.0 130.4
51 32.1 27.8 41.6
86 68.1 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 19.420 ug/l

RT: 4.98 min Scan# 998

Delta R.T. -0.01 min

Lab File: VN061841.D

Acq: 17 Jun 2020 12:11

Instrument :

MSVOA_N

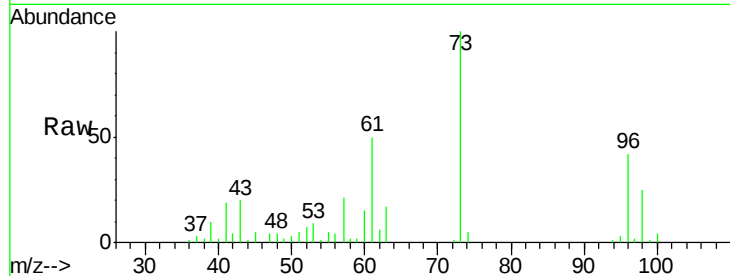
ClientSampleId :

VN0617WBS01

Tot Ion:	96	Resp:	39028
Ion	Ratio	Lower	Upper
96	100		
61	118.1	102.2	153.4
98	59.5	51.2	76.8

Manual Integrations
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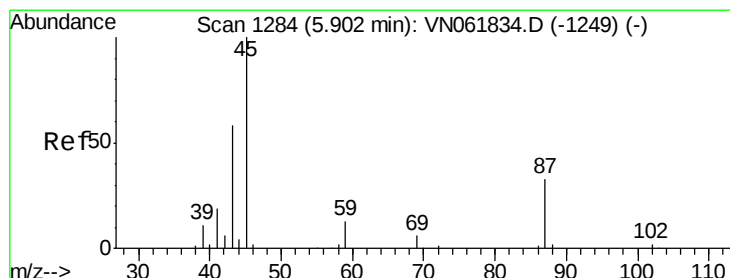
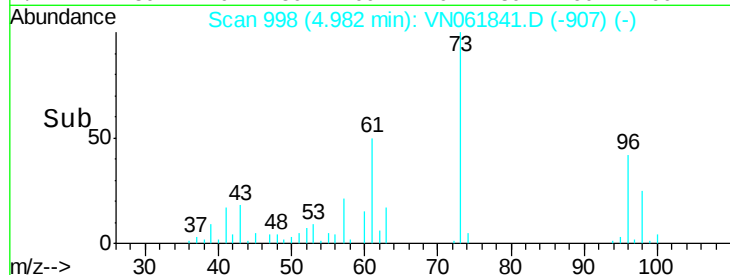
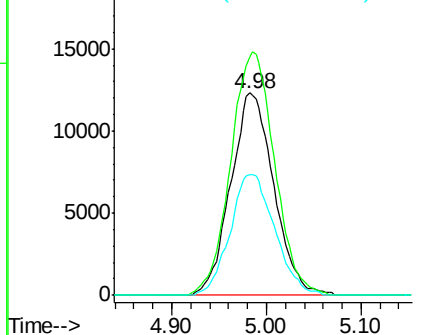


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 18.768 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VN061841.D

Acq: 17 Jun 2020 12:11

Tgt Ion:	45	Resp:	99675
Ion	Ratio	Lower	Upper
45	100		
43	64.3	49.4	74.2
87	34.3	27.4	41.0
59	13.8	10.6	15.8

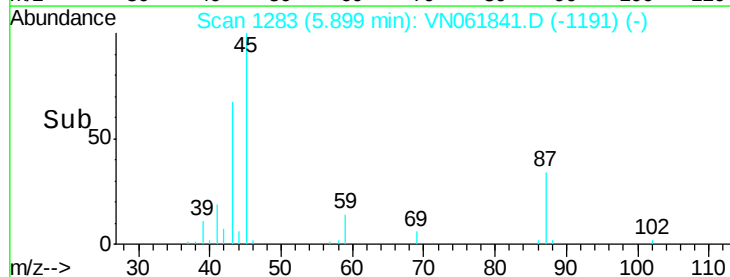
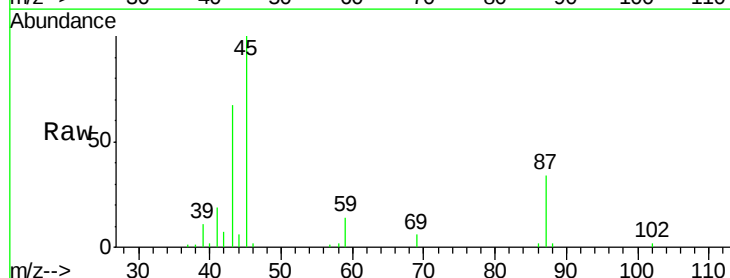
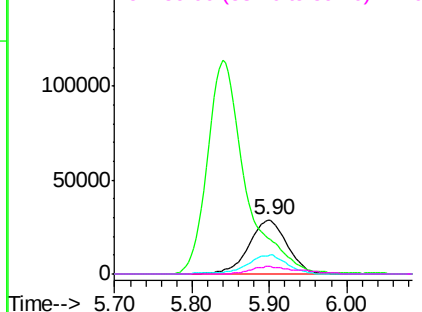
Abundance

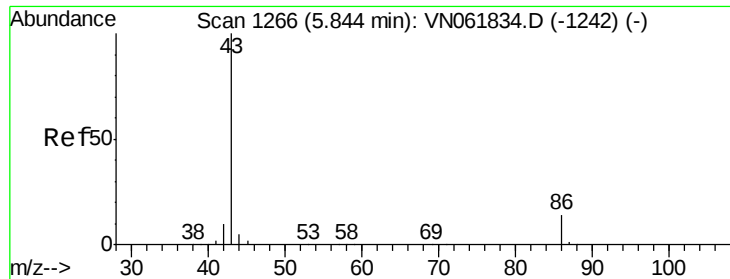
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





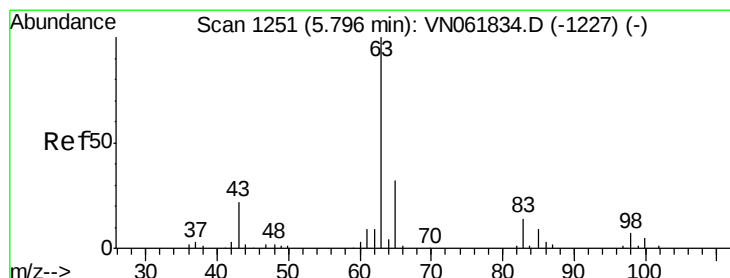
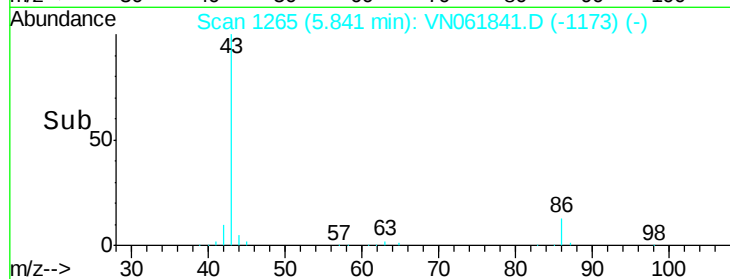
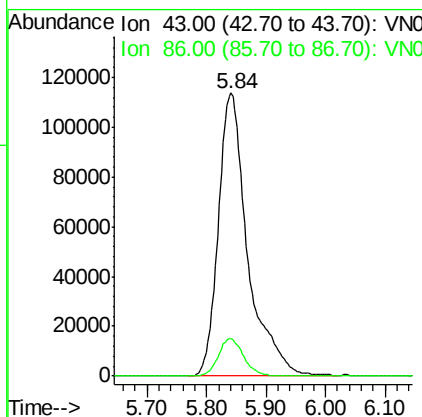
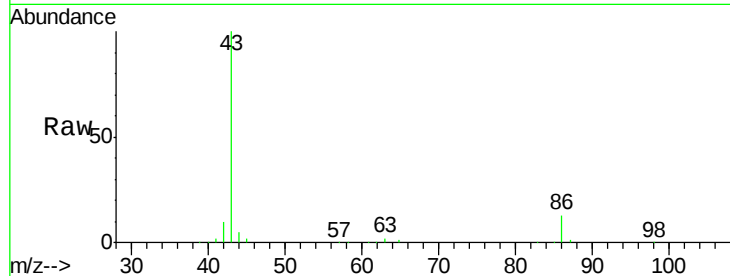
#23
 Vinyl Acetate
 Concen: 93.480 ug/l
 RT: 5.84 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: VN061841.D
 Acq: 17 Jun 2020 12:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0617WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
86	13.3	10.9	16.3

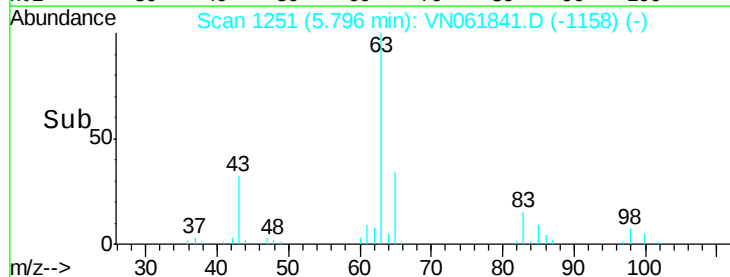
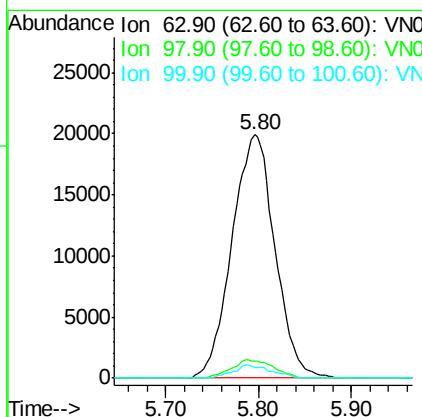
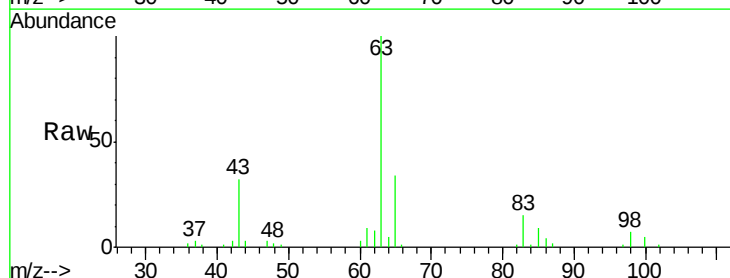
Manual Integrations
 APPROVED

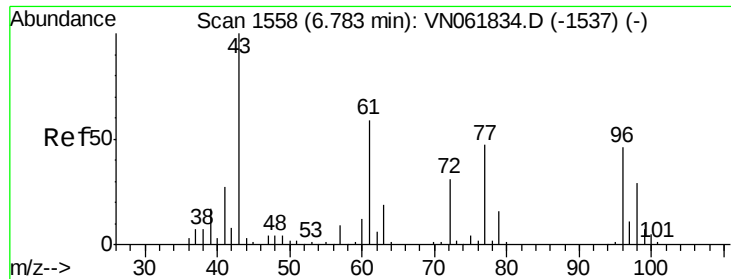
MMDadoda
 6/18/2020 9:38:08 AM



#24
 1,1-Dichloroethane
 Concen: 18.392 ug/l
 RT: 5.80 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: VN061841.D
 Acq: 17 Jun 2020 12:11

Tgt Ion	Ratio	Lower	Upper
63	100		
98	7.0	3.5	10.4
100	4.6	2.5	7.4





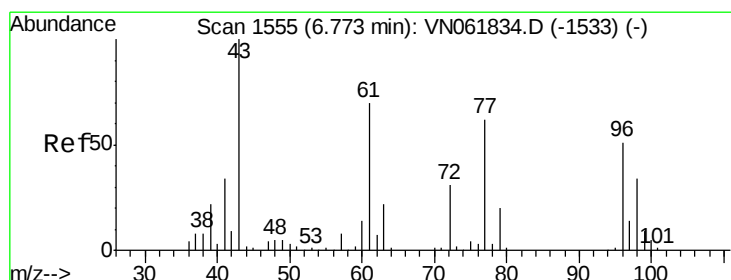
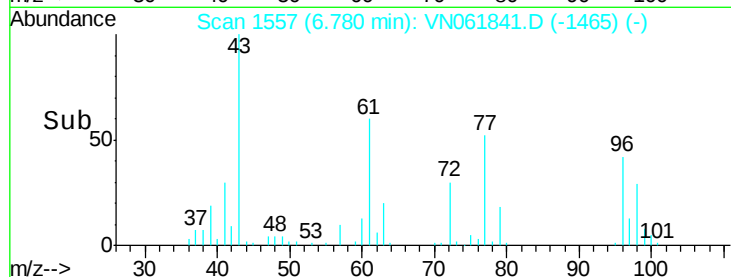
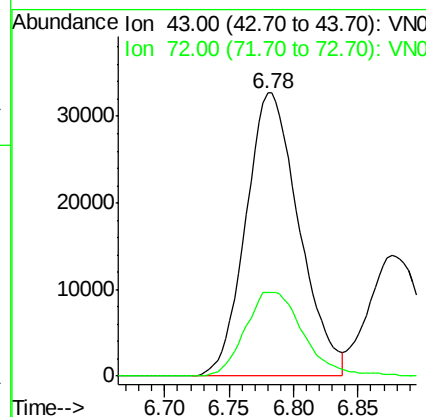
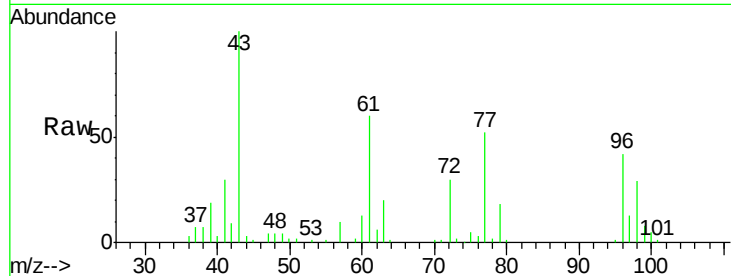
#25
2-Butanone
Concen: 94.513 ug/l
RT: 6.78 min Scan# 1557
Delta R.T. -0.00 min
Lab File: VN061841.D
Acq: 17 Jun 2020 12:11

Instrument :
MSVOA_N
ClientSampleId :
VN0617WBS01

Tot Ion: 43 Resp: 94070
Ion Ratio Lower Upper
43 100
72 29.7 24.6 37.0

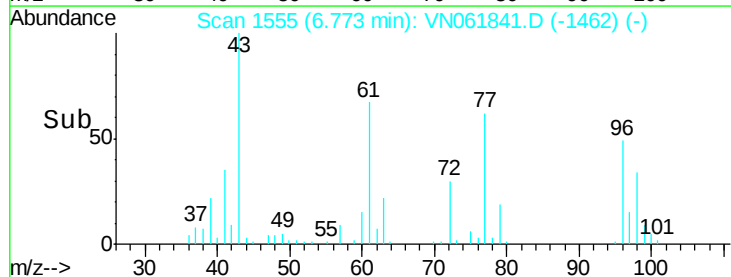
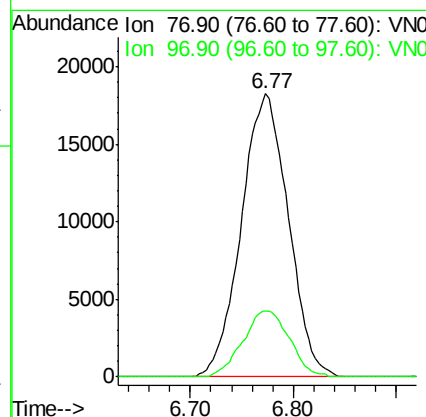
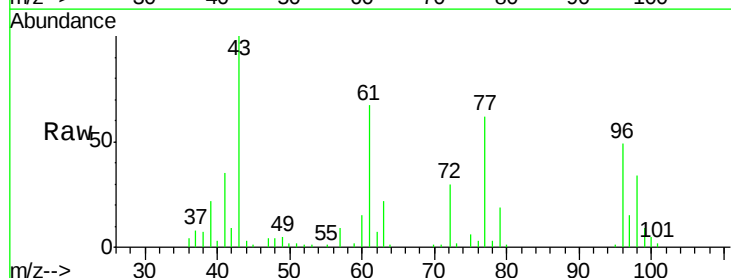
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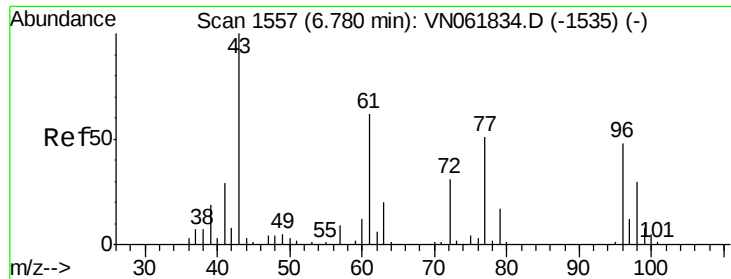
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#26
2,2-Dichloropropane
Concen: 19.743 ug/l
RT: 6.77 min Scan# 1555
Delta R.T. -0.00 min
Lab File: VN061841.D
Acq: 17 Jun 2020 12:11

Tgt Ion: 77 Resp: 57749
Ion Ratio Lower Upper
77 100
97 23.1 11.7 35.0





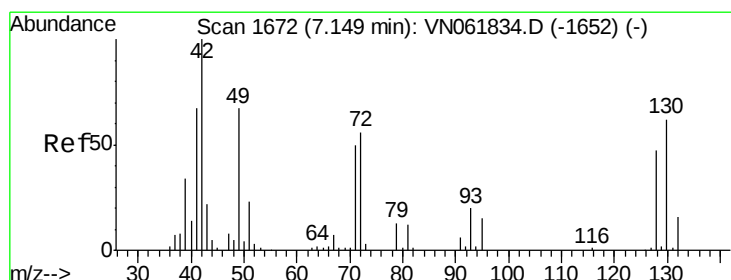
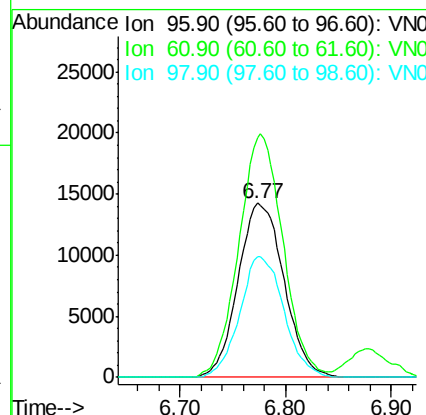
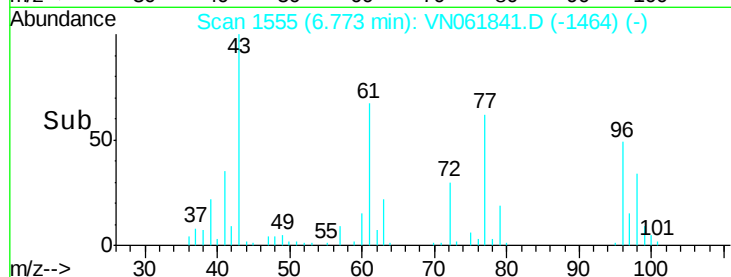
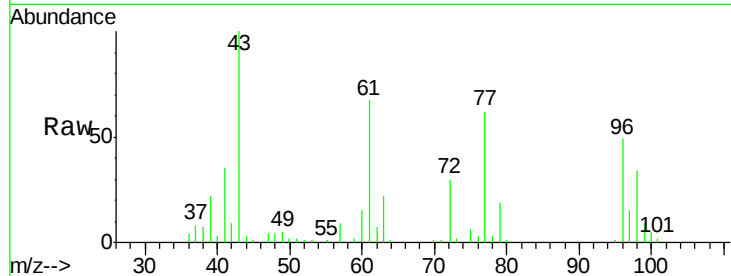
#27
 cis-1,2-Dichloroethene
 Concen: 18.597 ug/l
 RT: 6.77 min Scan# 1555
 Delta R.T. -0.01 min
 Lab File: VN061841.D
 Acq: 17 Jun 2020 12:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0617WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	134.3	0.0	265.6
98	66.6	0.0	128.2

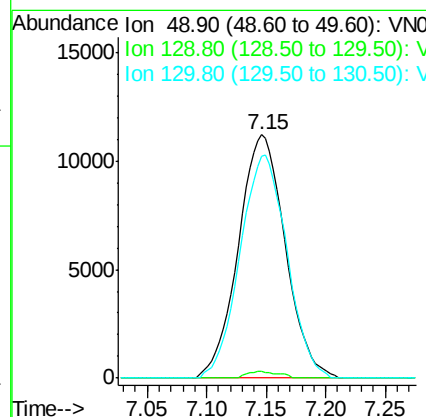
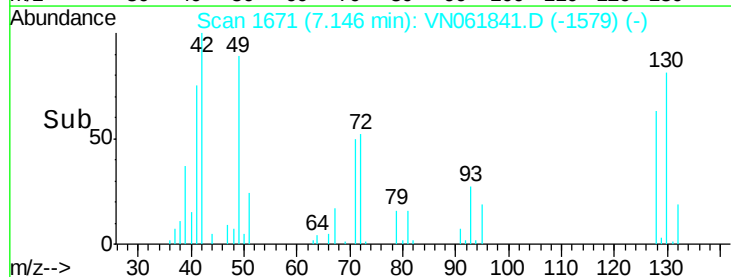
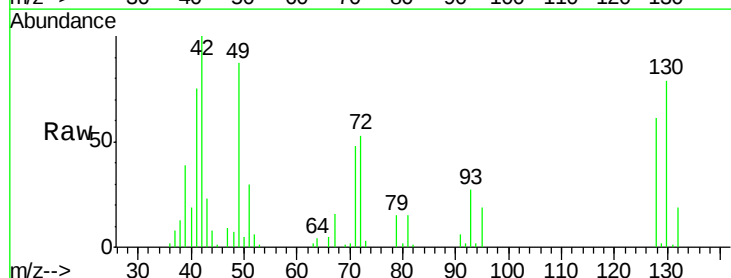
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#28
 Bromochloromethane
 Concen: 19.748 ug/l
 RT: 7.15 min Scan# 1671
 Delta R.T. -0.00 min
 Lab File: VN061841.D
 Acq: 17 Jun 2020 12:11

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	4.0
130	91.5	72.2	108.2





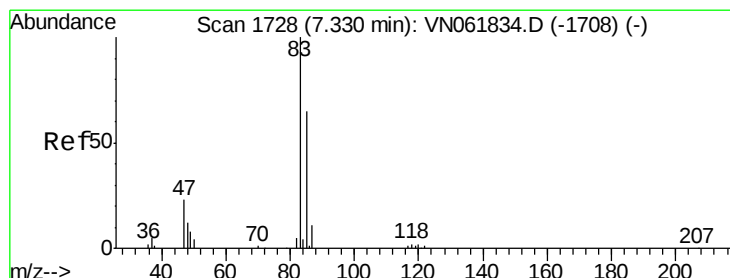
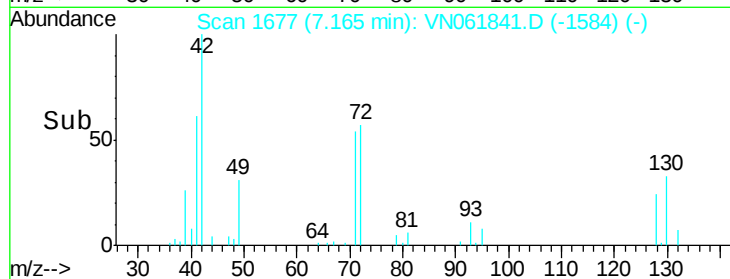
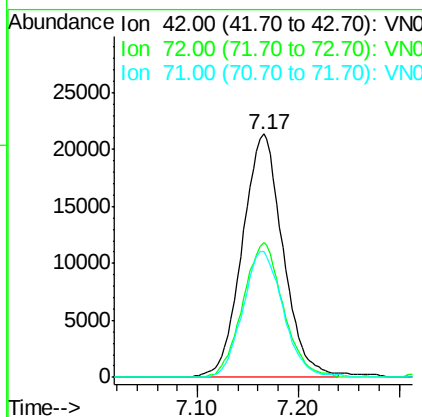
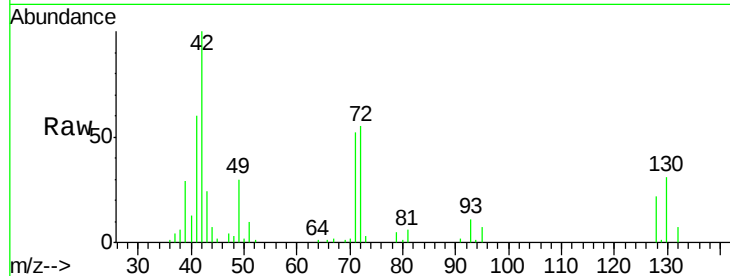
#29
Tetrahydrofuran
Concen: 91.061 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN061841.D
Acq: 17 Jun 2020 12:11

Instrument :
MSVOA_N
ClientSampleId :
VN0617WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	55.2	44.0	66.0
71	51.7	40.0	60.0

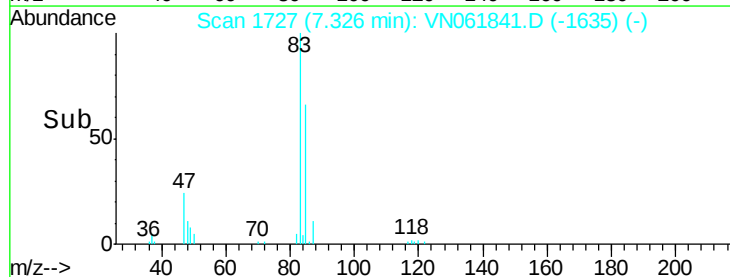
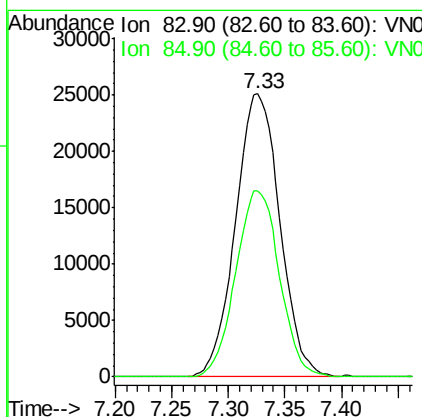
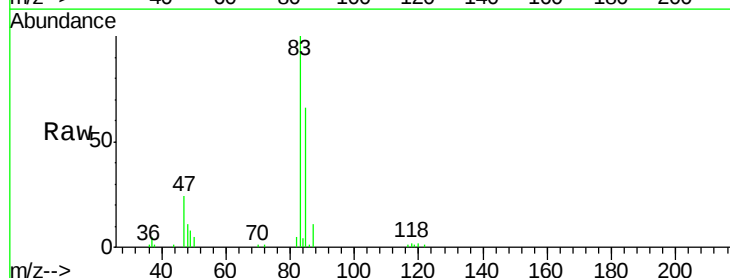
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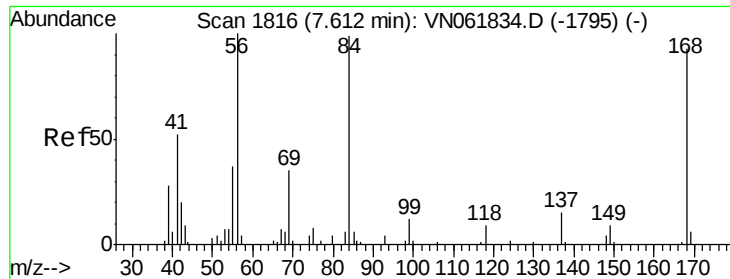
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#30
Chloroform
Concen: 18.436 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN061841.D
Acq: 17 Jun 2020 12:11

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.7	52.0	78.0





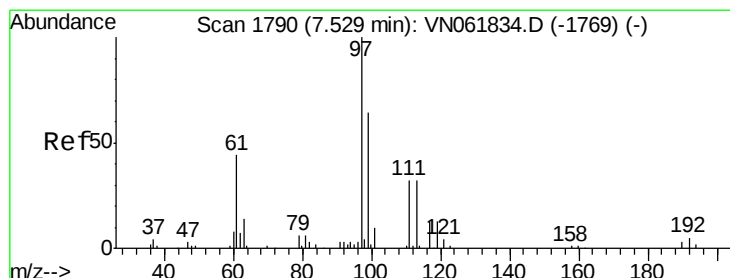
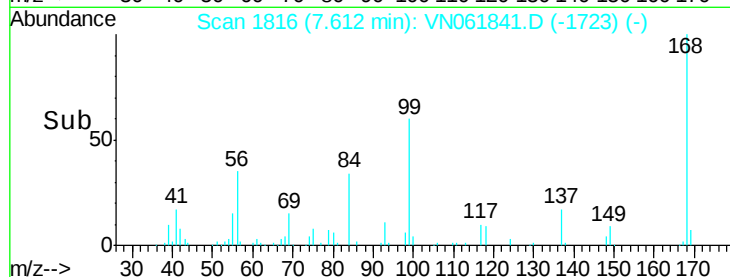
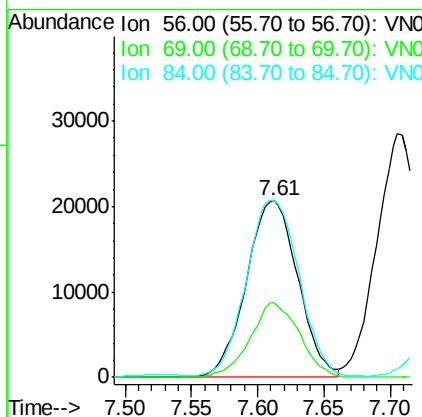
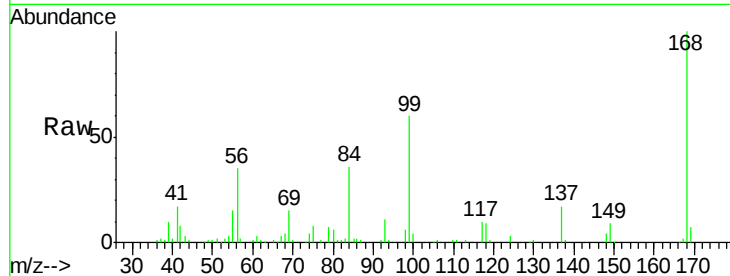
#31
Cyclohexane
Concen: 18.441 ug/l
RT: 7.61 min Scan# 1816
Delta R.T. -0.00 min
Lab File: VN061841.D
Acq: 17 Jun 2020 12:11

Instrument :
MSVOA_N
ClientSampleId :
VN0617WBS01

Tot Ion	56	Ratio	Lower	Upper
56	100			
69	42.0	27.7	41.5#	
84	99.2	79.1	118.7	

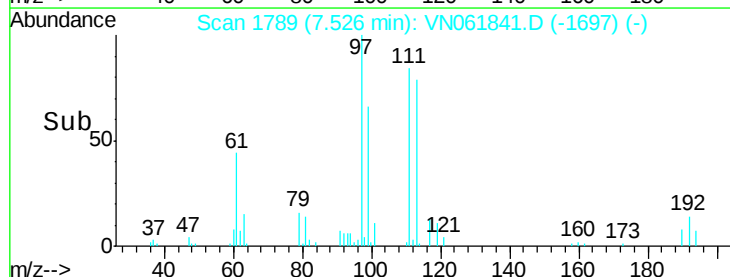
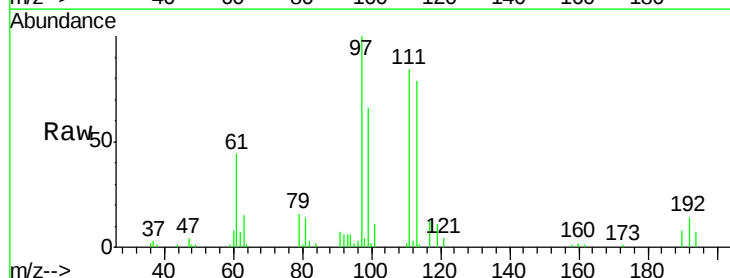
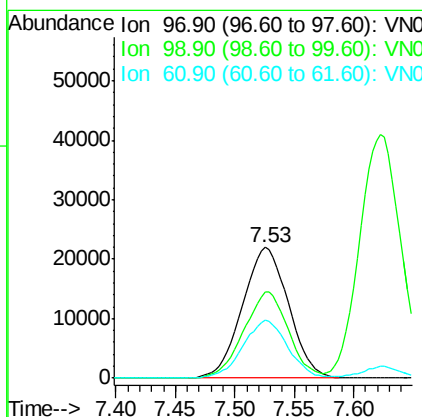
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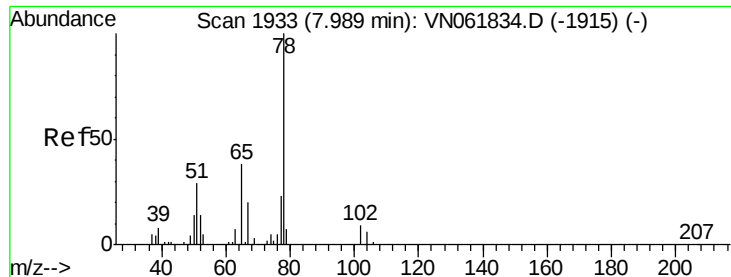
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#32
1,1,1-Trichloroethane
Concen: 18.616 ug/l
RT: 7.53 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VN061841.D
Acq: 17 Jun 2020 12:11

Tgt Ion	97	Ratio	Lower	Upper
97	100			
99	64.0	51.5	77.3	
61	43.0	35.1	52.7	





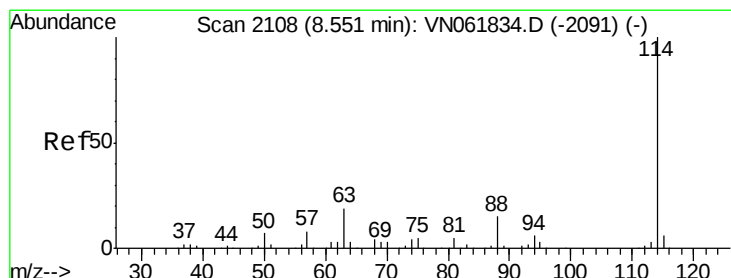
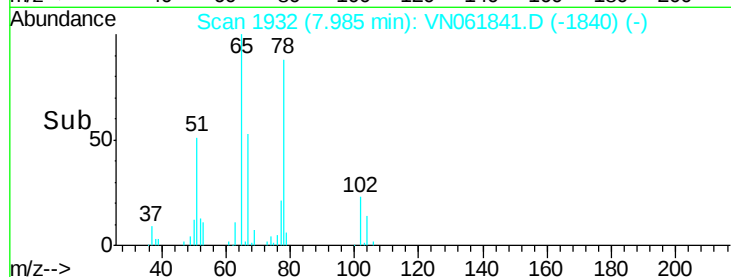
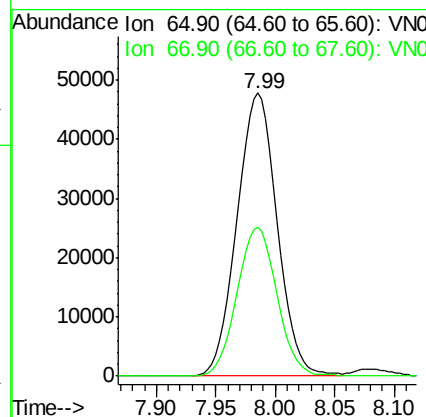
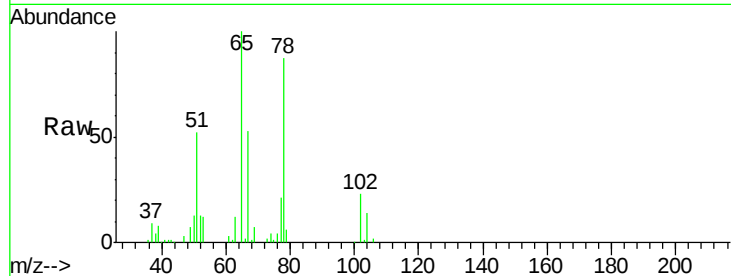
#33
 1,2-Dichloroethane-d4
 Concen: 48.484 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN061841.D
 Acq: 17 Jun 2020 12:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0617WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	52.2	0.0	106.2	

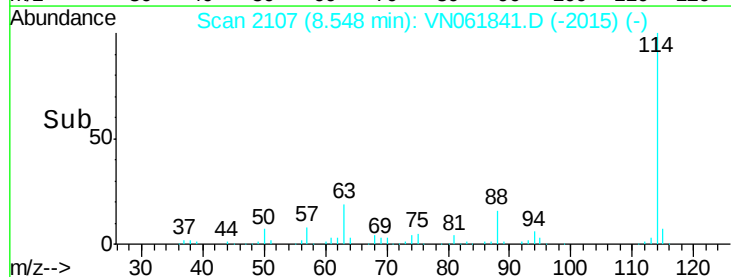
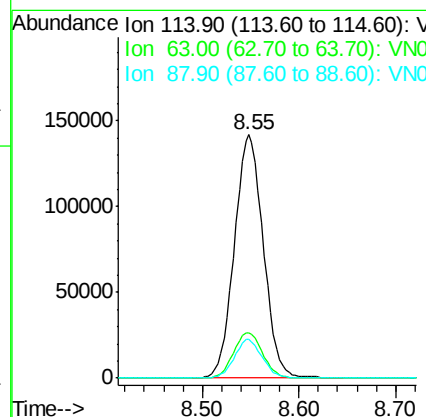
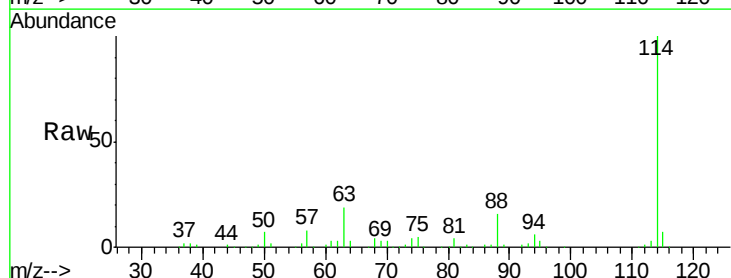
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN061841.D
 Acq: 17 Jun 2020 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	18.8	0.0	37.6	
88	15.7	0.0	31.0	





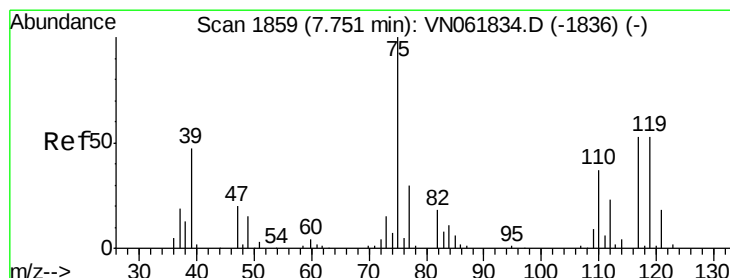
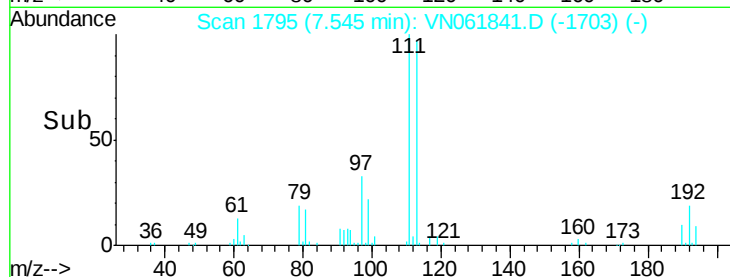
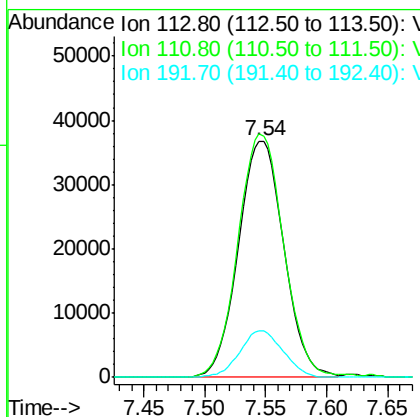
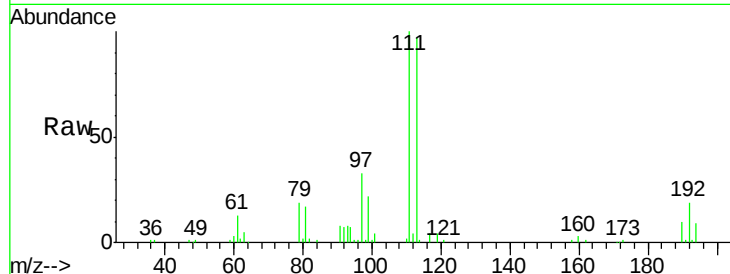
#35
 Dibromofluoromethane
 Concen: 50.408 ug/l
 RT: 7.54 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VN061841.D
 Acq: 17 Jun 2020 12:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0617WBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	83.7	125.5
192	18.7	13.9	20.9

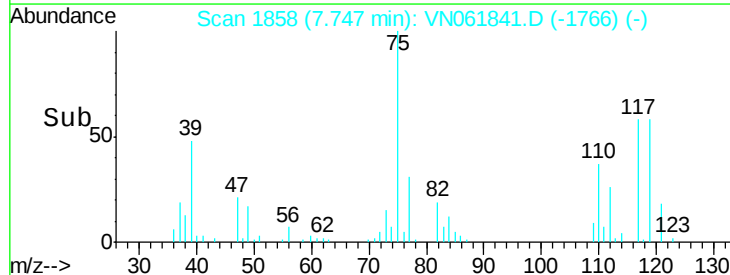
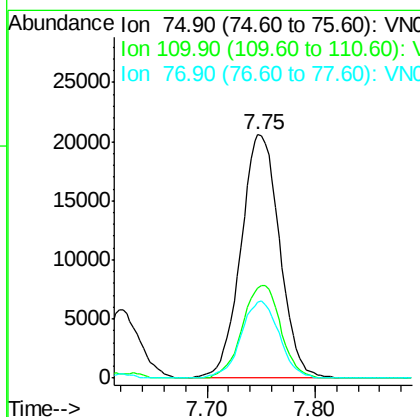
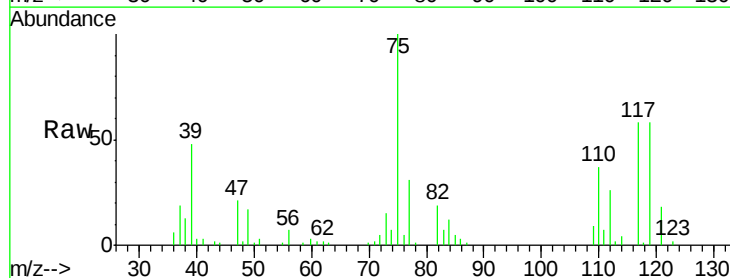
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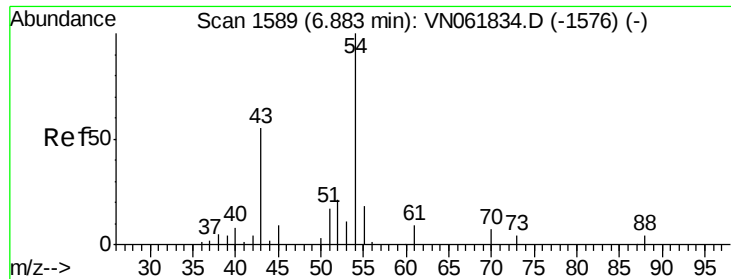
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#36
 1,1-Dichloropropene
 Concen: 19.097 ug/l
 RT: 7.75 min Scan# 1858
 Delta R.T. -0.00 min
 Lab File: VN061841.D
 Acq: 17 Jun 2020 12:11

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.6	18.2	54.6
77	31.3	24.2	36.4





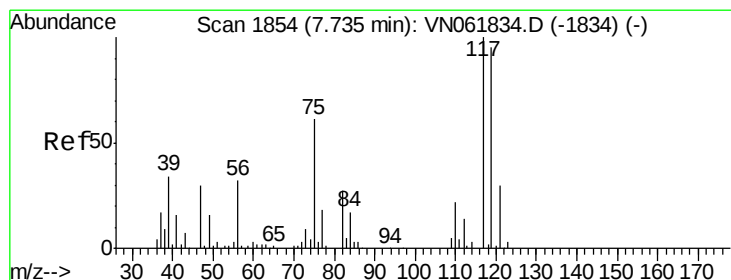
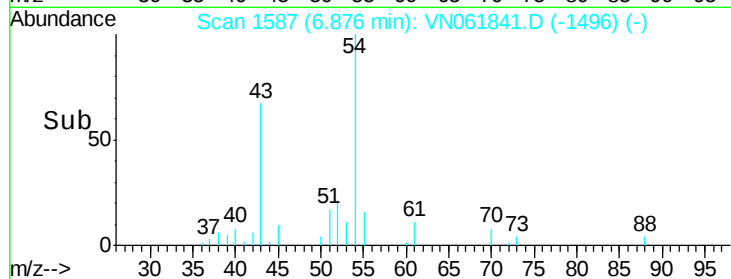
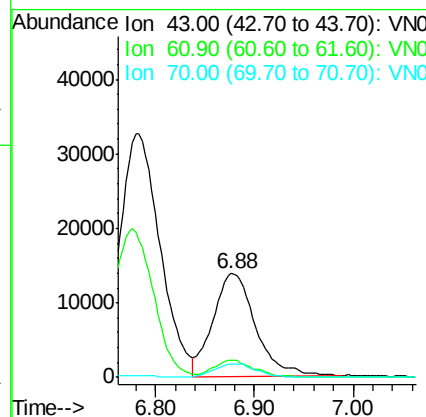
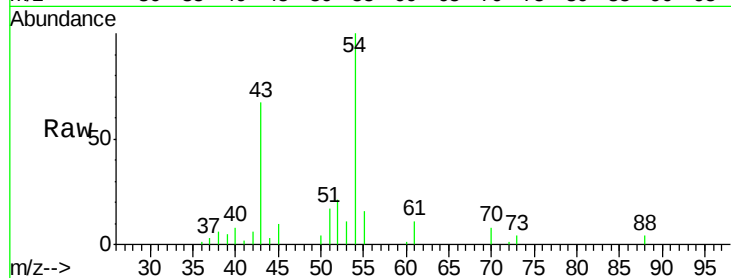
#37
Ethyl Acetate
Concen: 19.687 ug/l
RT: 6.88 min Scan# 1587
Delta R.T. -0.01 min
Lab File: VN061841.D
Acq: 17 Jun 2020 12:11

Instrument :
MSVOA_N
ClientSampled :
VN0617WBS01

Tot Ion	43	Ratio	Lower	Upper
43	100			
61	13.9	13.0	19.4	
70	12.6	9.4	14.2	

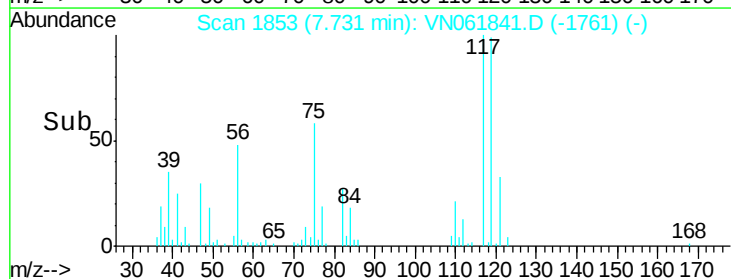
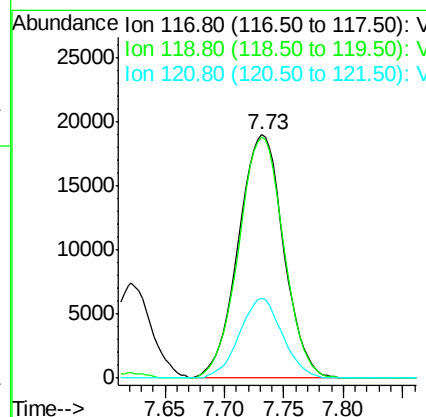
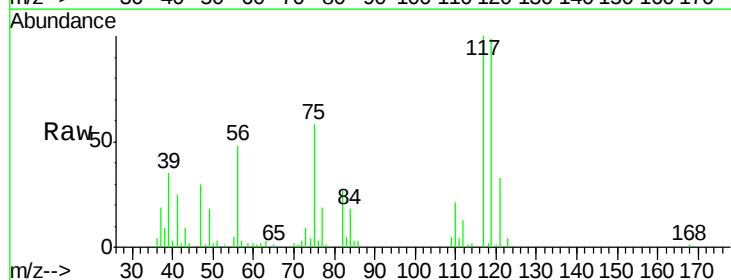
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#38
Carbon Tetrachloride
Concen: 18.881 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN061841.D
Acq: 17 Jun 2020 12:11

Tgt Ion	117	Ratio	Lower	Upper
117	100			
119	98.8	75.8	113.6	
121	32.9	23.8	35.6	





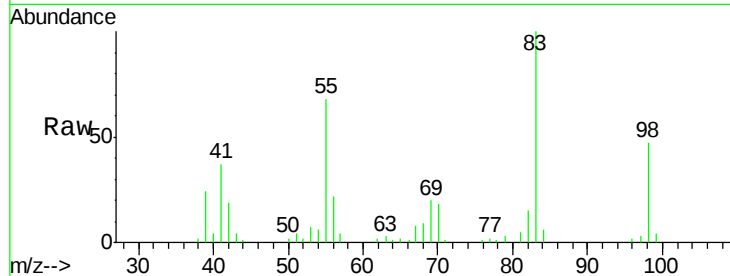
#39
Methvlcvclohexane
Concen: 20.210 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN061841.D
Acq: 17 Jun 2020 12:11

Instrument :
MSVOA_N
ClientSampleId :
VN0617WBS01

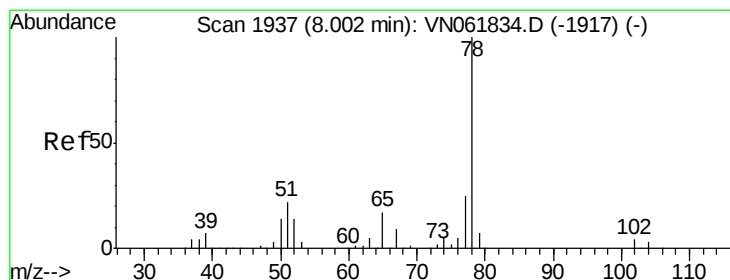
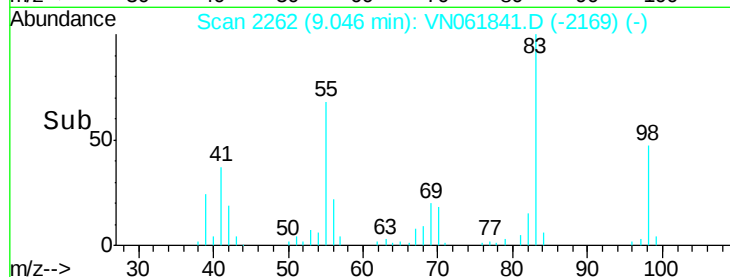
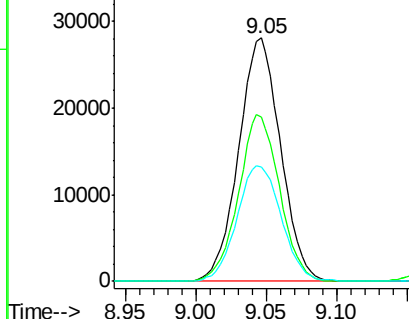
Tot Ion	83	Resp	58446
Ion Ratio	100	Lower	Upper
83	100		
55	67.5	54.2	81.4
98	46.9	39.8	59.6

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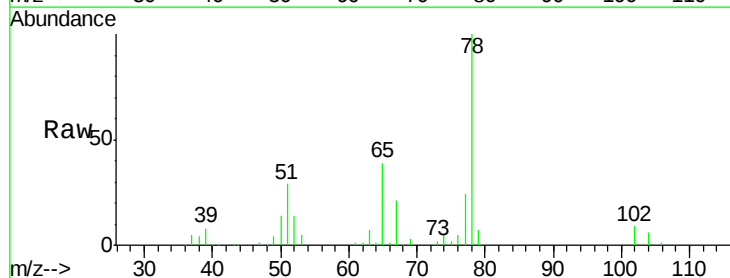


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

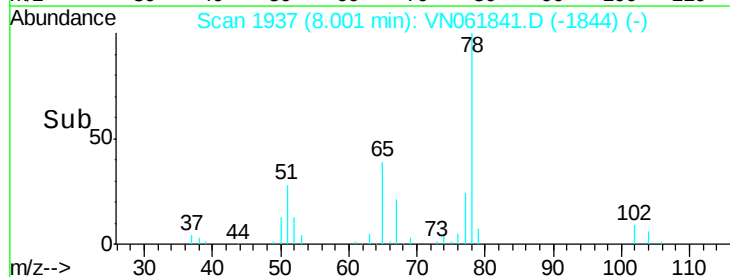
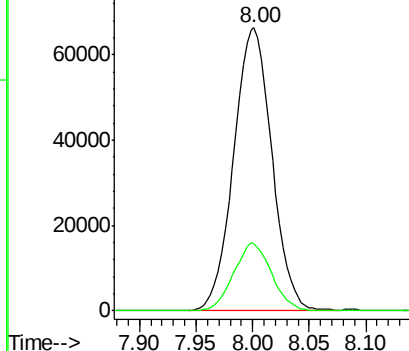


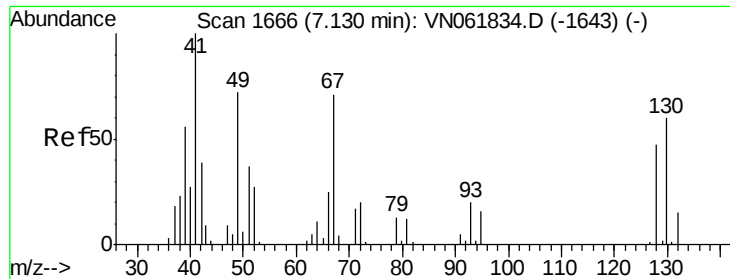
#40
Benzene
Concen: 19.175 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN061841.D
Acq: 17 Jun 2020 12:11

Tgt Ion	78	Resp	156002
Ion Ratio	100	Lower	Upper
78	100		
77	23.9	19.7	29.5



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





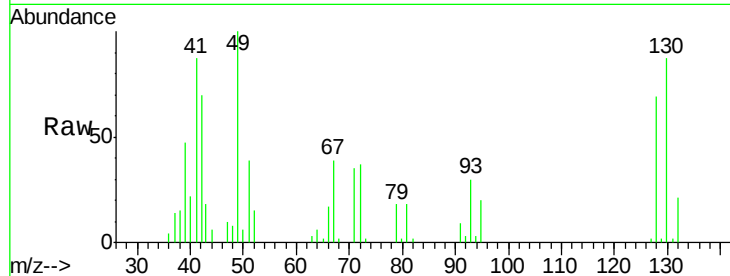
#41
Methacrylonitrile
Concen: 21.538 ug/l m
RT: 7.14 min Scan# 1668
Delta R.T. 0.01 min
Lab File: VN061841.D
Acq: 17 Jun 2020 12:11

Instrument :
MSVOA_N
ClientSampleId :
VN0617WBS01

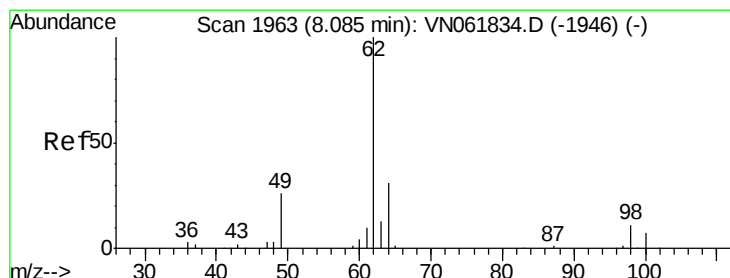
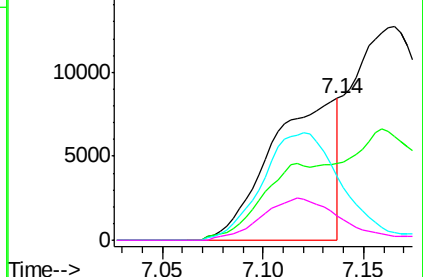
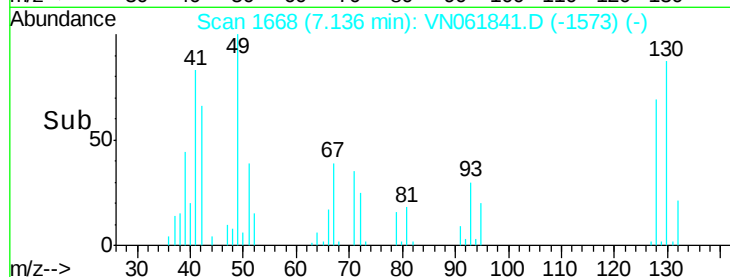
Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

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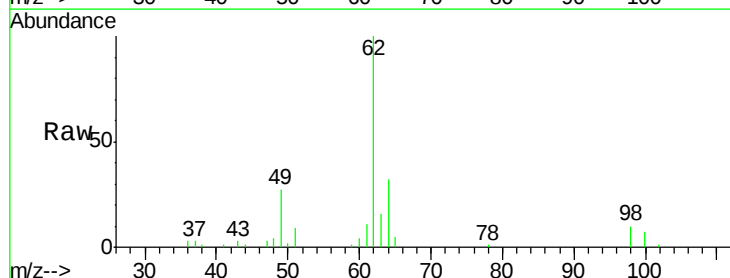


Abundance Ion 41.00 (40.70 to 41.70): VN061841.D (-1573) (-)
Ion 39.00 (38.70 to 39.70): VN061841.D (-1573) (-)
Ion 67.00 (66.70 to 67.70): VN061841.D (-1573) (-)
Ion 52.00 (51.70 to 52.70): VN061841.D (-1573) (-)

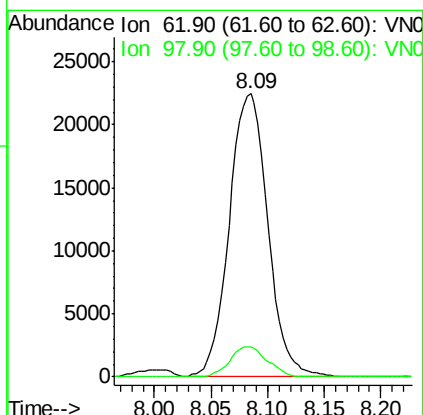
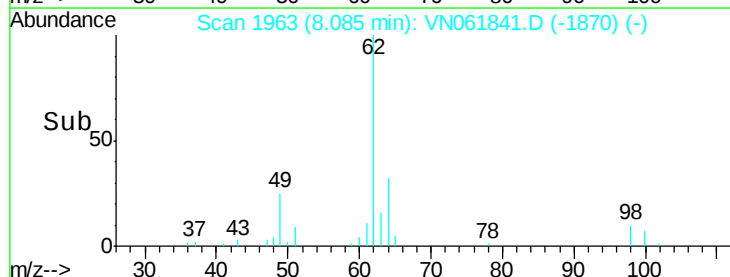


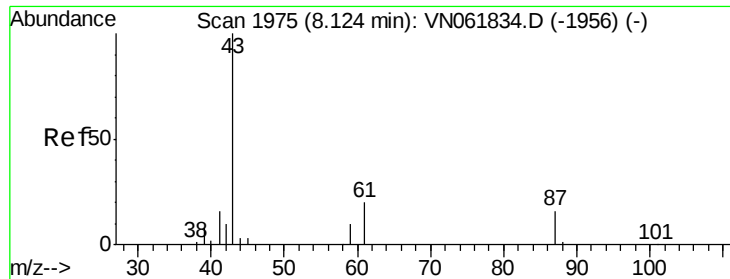
#42
1,2-Dichloroethane
Concen: 19.216 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN061841.D
Acq: 17 Jun 2020 12:11

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	20.4



Abundance Ion 61.90 (61.60 to 62.60): VN061841.D (-1870) (-)
Ion 97.90 (97.60 to 98.60): VN061841.D (-1870) (-)





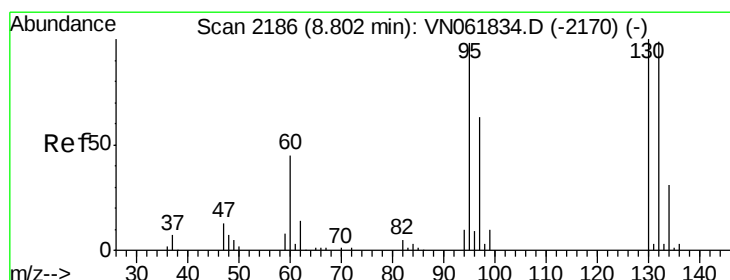
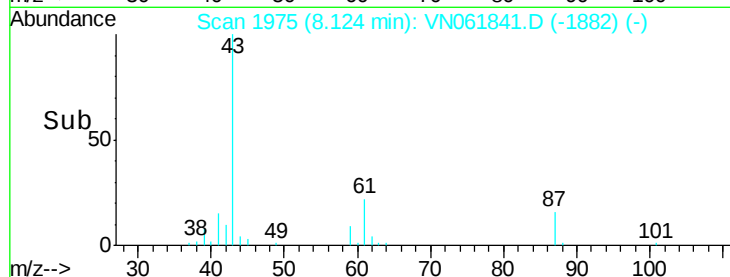
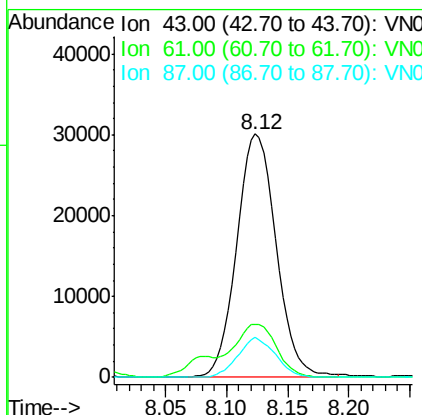
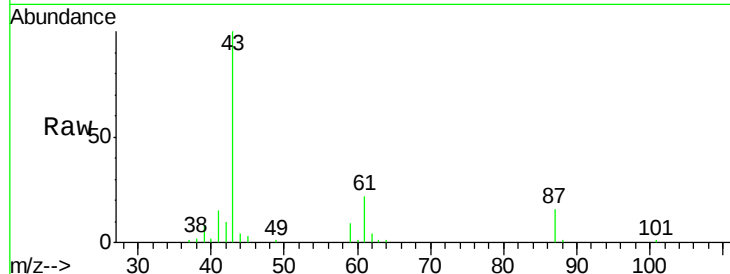
#43
Isopropyl Acetate
Concen: 19.080 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN061841.D
Acq: 17 Jun 2020 12:11

Instrument :
MSVOA_N
ClientSampleId :
VN0617WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.8	24.0	36.0#
87	15.5	12.5	18.7

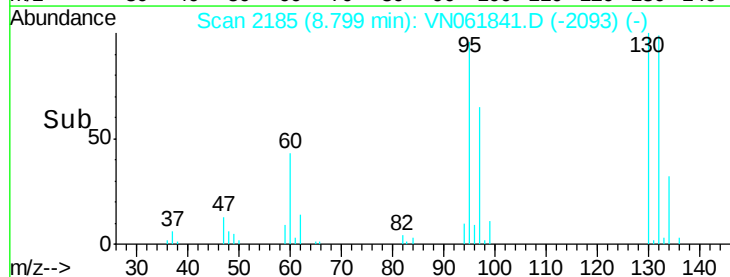
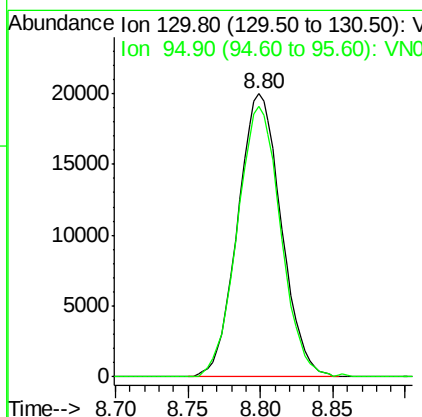
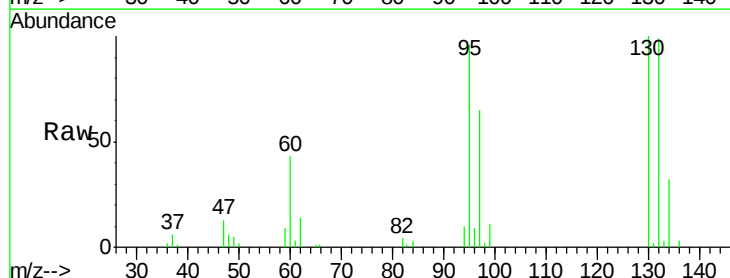
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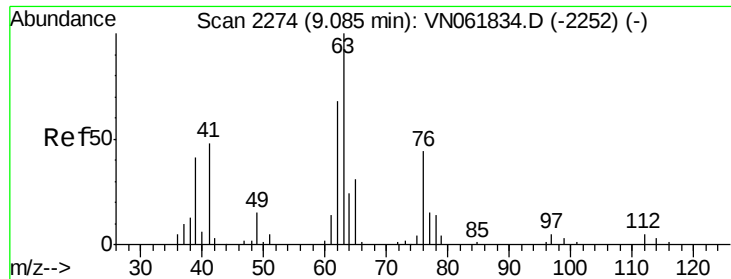
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#44
Trichloroethene
Concen: 19.470 ug/l
RT: 8.80 min Scan# 2185
Delta R.T. -0.00 min
Lab File: VN061841.D
Acq: 17 Jun 2020 12:11

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.6	0.0	195.6





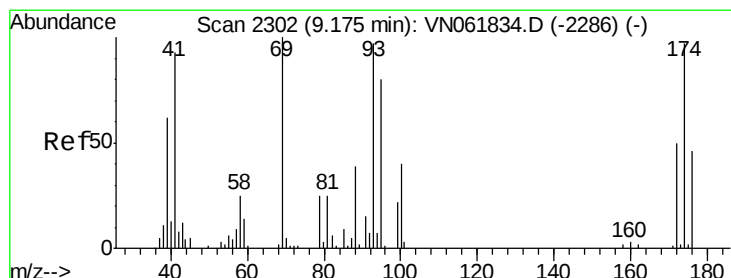
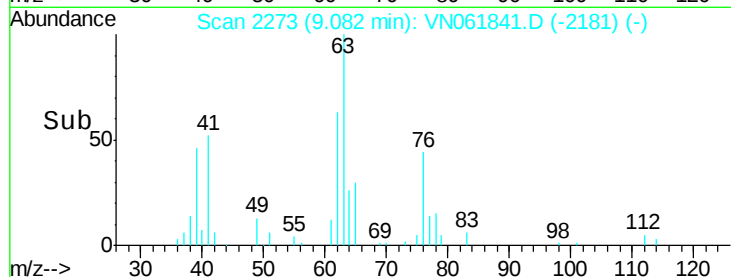
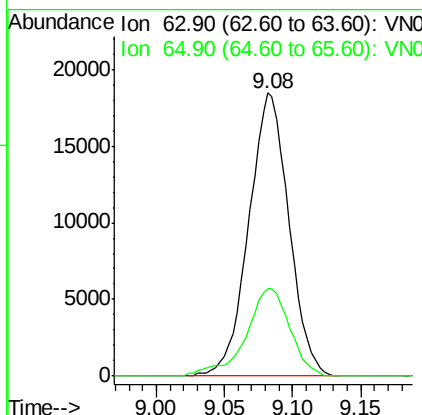
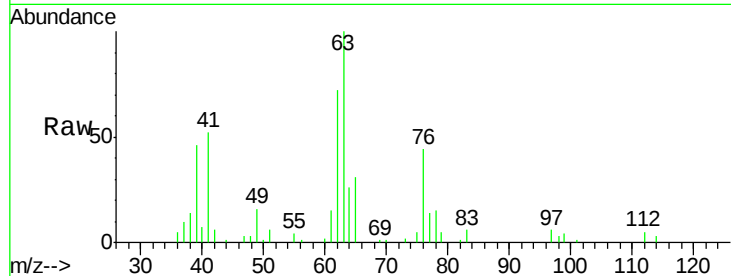
#45
 1,2-Dichloropropane
 Concen: 18.854 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: VN061841.D
 Acq: 17 Jun 2020 12:11

Instrument :
 MSVOA_N
 ClientSampled :
 VN0617WBS01

Tot Ion: 63 Resp: 37695
 Ion Ratio Lower Upper
 63 100
 65 30.8 25.1 37.7

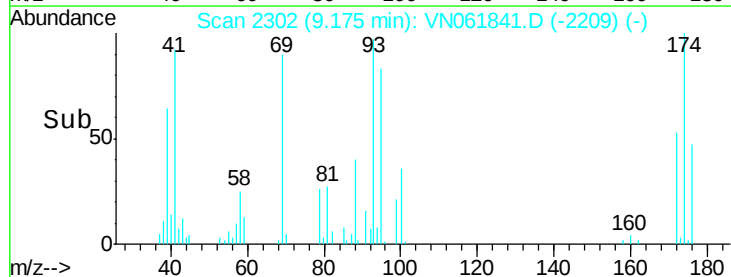
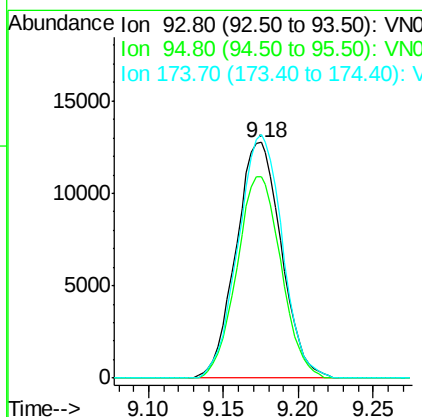
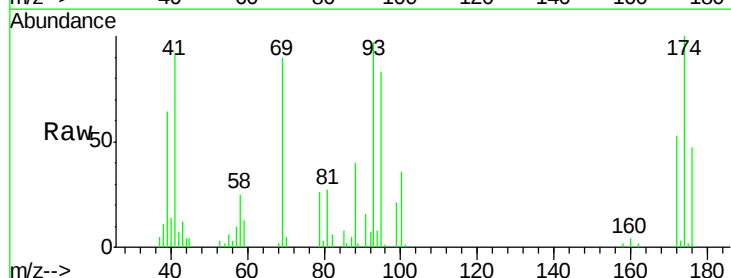
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#46
 Dibromomethane
 Concen: 19.112 ug/l
 RT: 9.18 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN061841.D
 Acq: 17 Jun 2020 12:11

Tgt Ion: 93 Resp: 26908
 Ion Ratio Lower Upper
 93 100
 95 83.2 65.8 98.6
 174 100.7 78.5 117.7





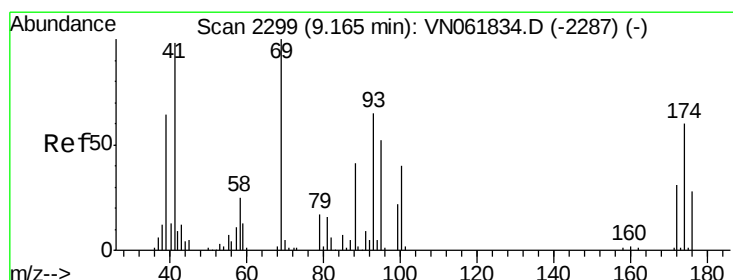
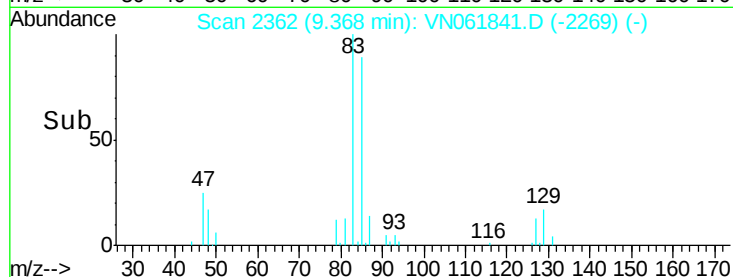
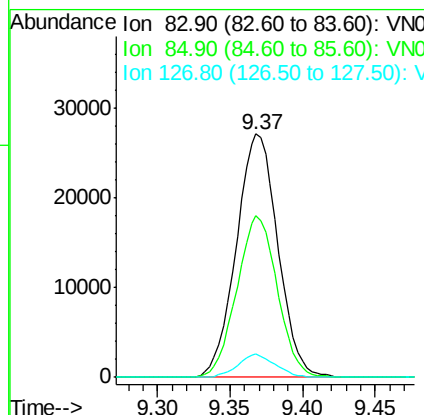
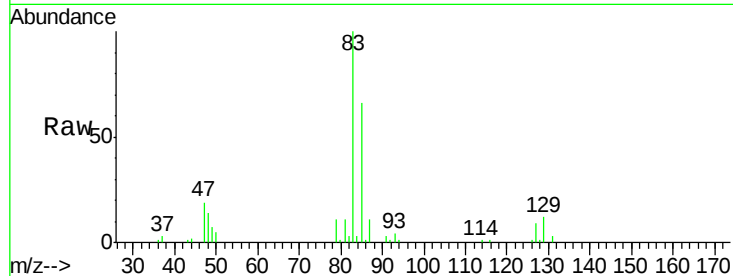
#47
Bromodichloromethane
Concen: 18.698 ug/l
RT: 9.37 min Scan# 2362
Delta R.T. -0.00 min
Lab File: VN061841.D
Acq: 17 Jun 2020 12:11

Instrument :
MSVOA_N
ClientSampleId :
VN0617WBS01

Tot Ion	83	Resp	53905
Ion Ratio	100	Lower	Upper
83	100		
85	66.3	50.8	76.2
127	9.4	7.0	10.4

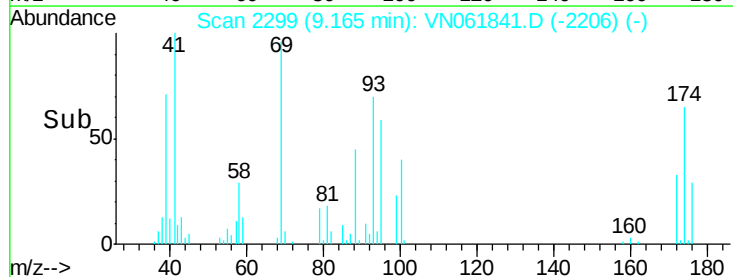
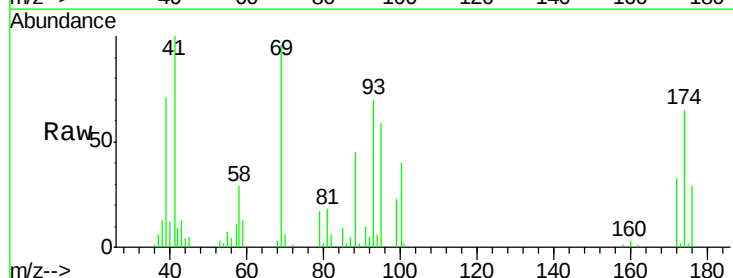
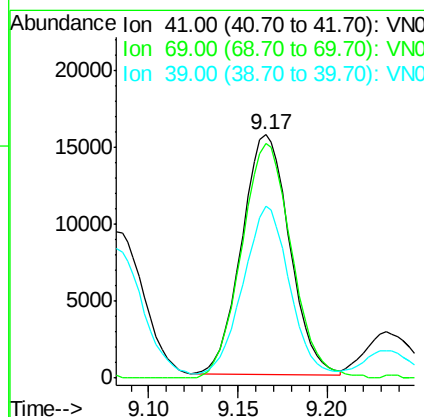
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#48
Methyl methacrylate
Concen: 18.225 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN061841.D
Acq: 17 Jun 2020 12:11

Tgt Ion	41	Resp	29294
Ion Ratio	100	Lower	Upper
41	100		
69	102.4	83.0	124.4
39	67.4	55.1	82.7





#49

1,4-Dioxane

Concen: 404.907 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN061841.D

Acq: 17 Jun 2020 12:11

Instrument :

MSVOA_N

ClientSampleId :

VN0617WBS01

Tot Ion: 88 Resp: 14942

Ion Ratio Lower Upper

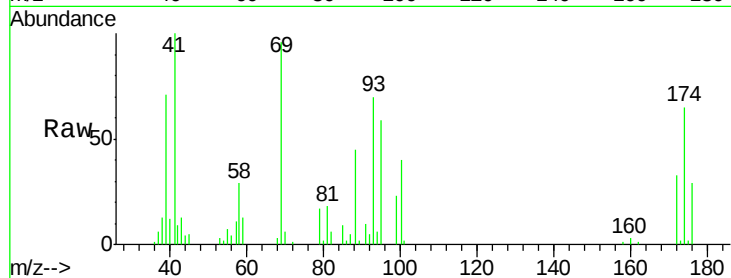
88 100

43 28.5 23.4 35.2

58 63.5 49.8 74.6

Manual Integrations
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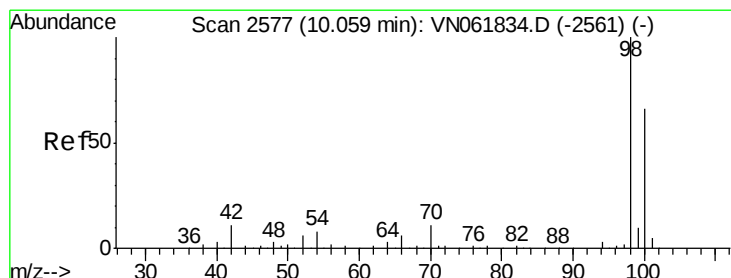
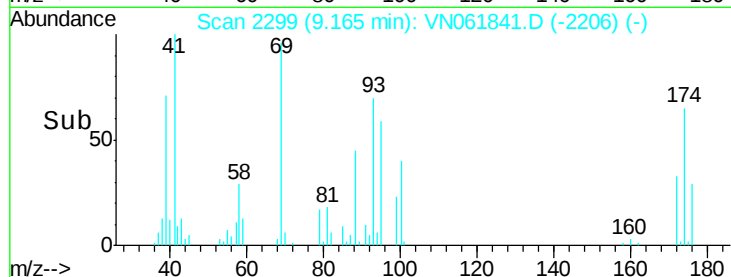
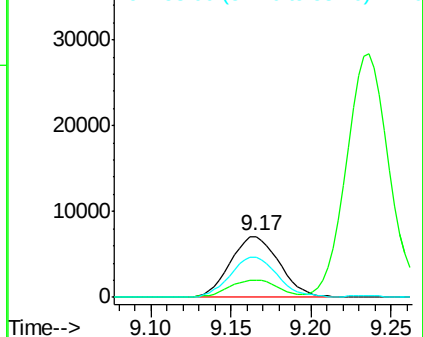
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Abundance Ion 88.00 (87.70 to 88.70): VN061834.D (-2285) (-)

Ion 43.00 (42.70 to 43.70): VN061834.D (-2285) (-)

Ion 58.00 (57.70 to 58.70): VN061834.D (-2285) (-)



#50

Toluene-d8

Concen: 49.941 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN061841.D

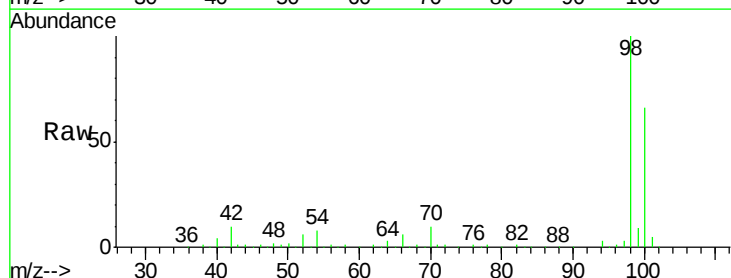
Acq: 17 Jun 2020 12:11

Tgt Ion: 98 Resp: 369853

Ion Ratio Lower Upper

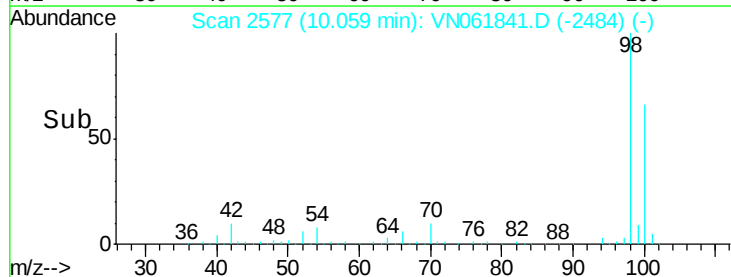
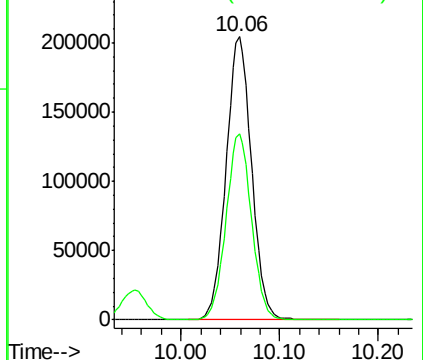
98 100

100 65.8 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VN061834.D (-2561) (-)

Ion 100.00 (99.70 to 100.70): VN061834.D (-2561) (-)





#51

4-Methyl-2-Pentanone

Concen: 94.067 ug/l

RT: 9.95 min Scan# 2543

Delta R.T. -0.00 min

Lab File: VN061841.D

Acq: 17 Jun 2020 12:11

Instrument :

MSVOA_N

ClientSampleId :

VN0617WBS01

Tot Ion: 43 Resp: 196470

Ion Ratio Lower Upper

43 100

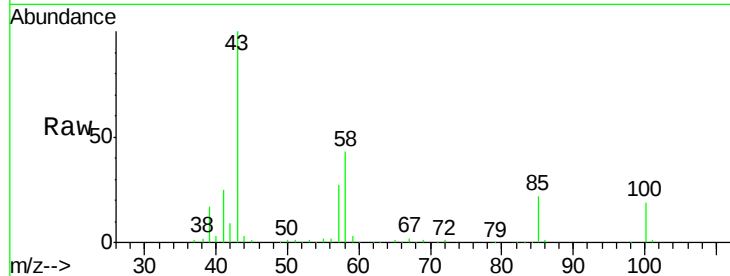
58 43.0 34.6 52.0

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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

120000

100000

80000

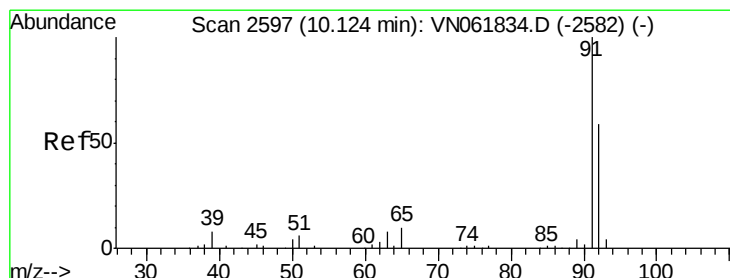
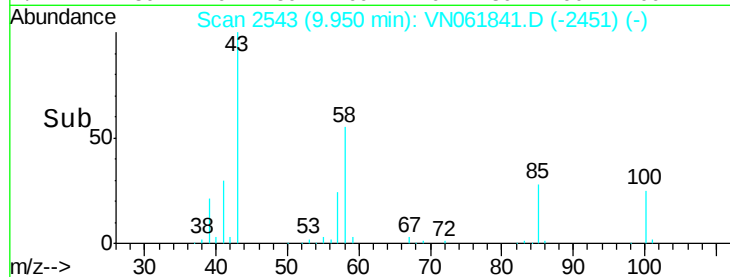
60000

40000

20000

0

Time-->



#52

Toluene

Concen: 19.607 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN061841.D

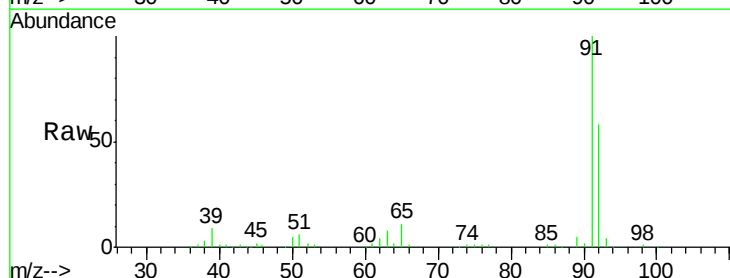
Acq: 17 Jun 2020 12:11

Tgt Ion: 92 Resp: 100183

Ion Ratio Lower Upper

92 100

91 171.2 137.1 205.7



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

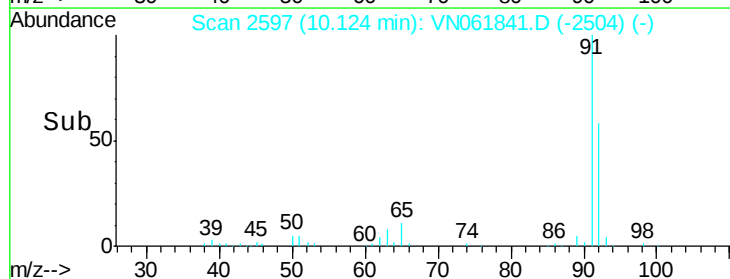
60000

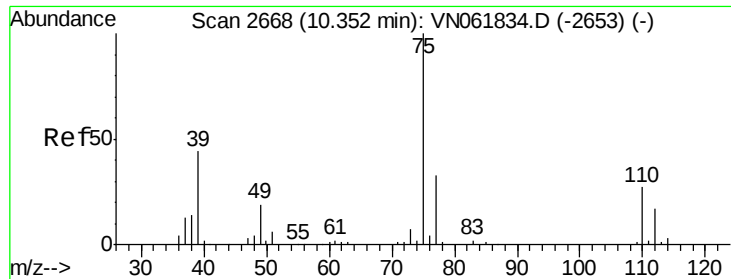
40000

20000

0

Time-->





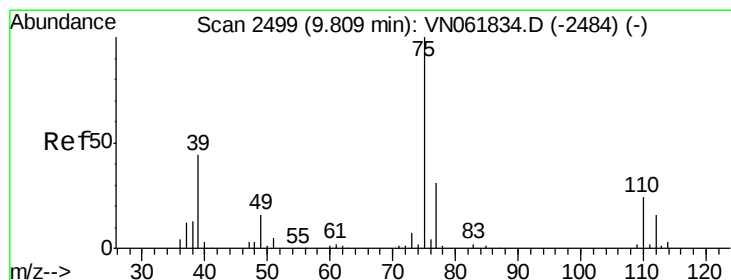
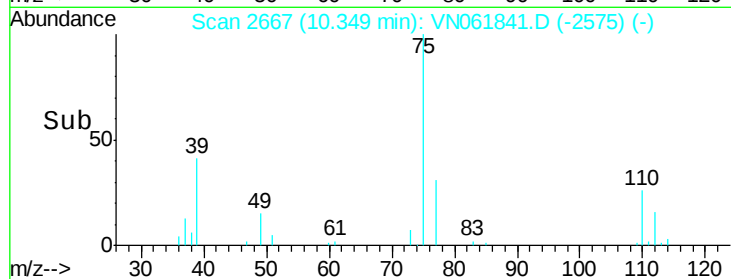
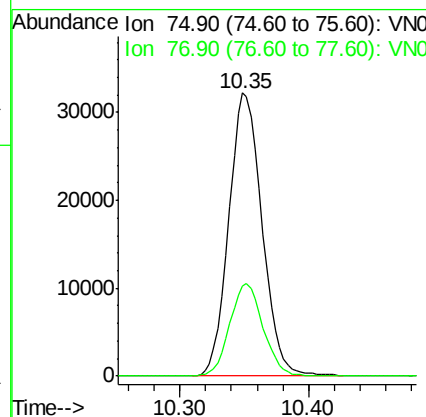
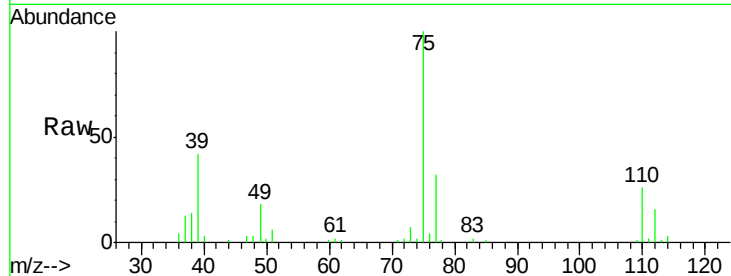
#53
t-1,3-Dichloropropene
Concen: 18.870 ug/l
RT: 10.35 min Scan# 2667
Delta R.T. -0.00 min
Lab File: VN061841.D
Acq: 17 Jun 2020 12:11

Instrument :
MSVOA_N
ClientSampleId :
VN0617WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.9	26.3	39.5

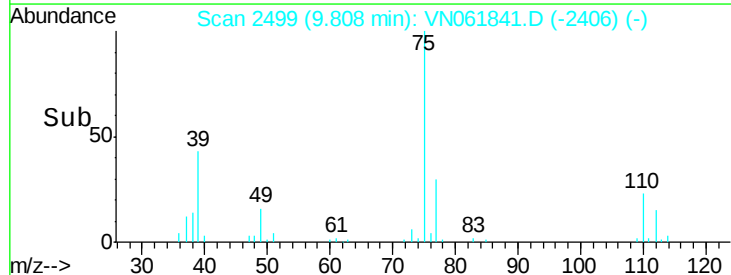
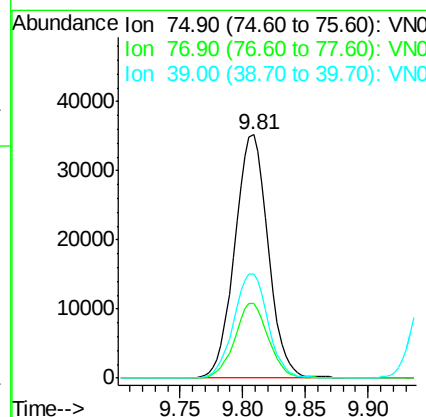
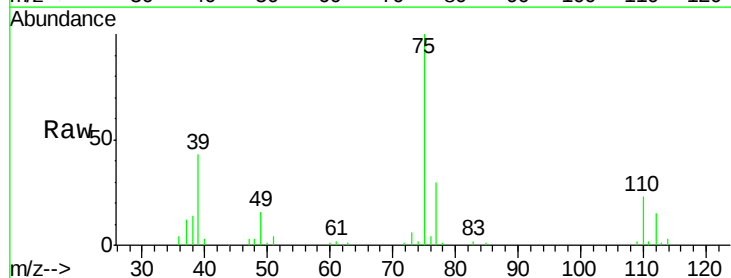
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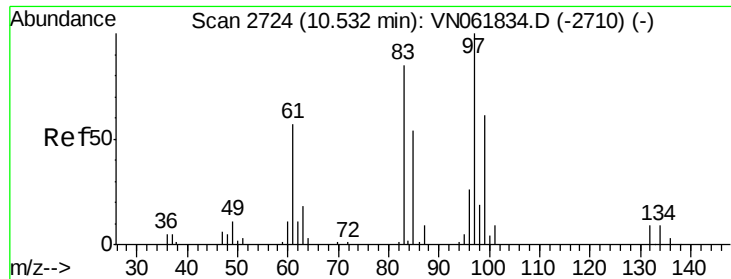
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#54
cis-1,3-Dichloropropene
Concen: 19.580 ug/l
RT: 9.81 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VN061841.D
Acq: 17 Jun 2020 12:11

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.4	24.8	37.2
39	42.8	35.4	53.0





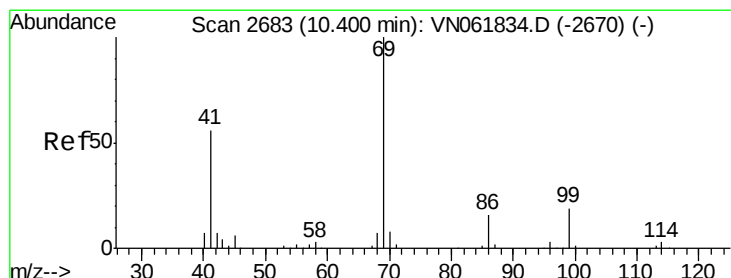
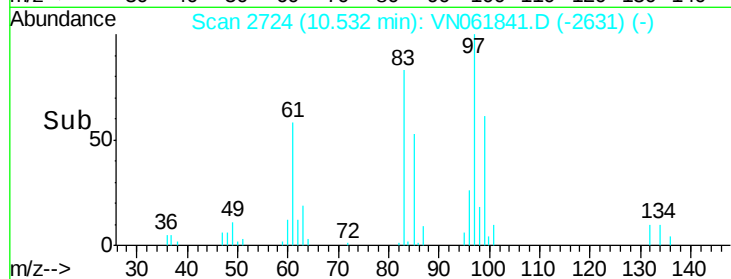
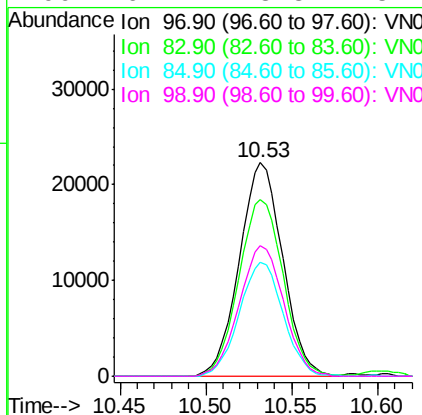
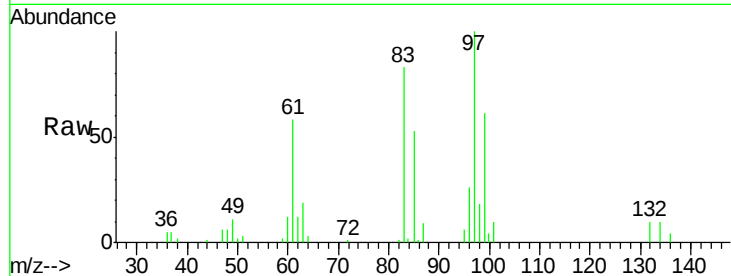
#55
 1,1,2-Trichloroethane
 Concen: 19.435 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN061841.D
 Acq: 17 Jun 2020 12:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0617WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		39070		
83	83.0	67.7	101.5		
85	53.1	43.4	65.0		
99	61.1	48.8	73.2		

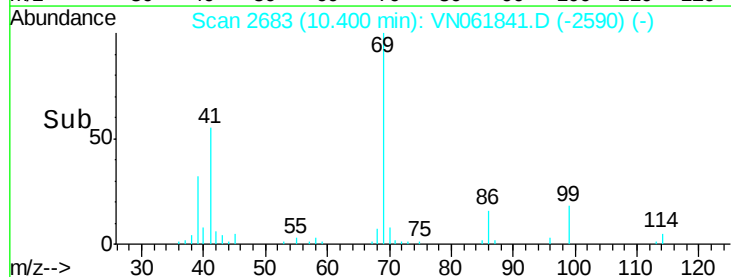
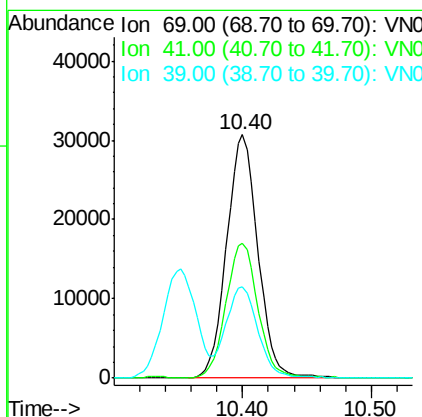
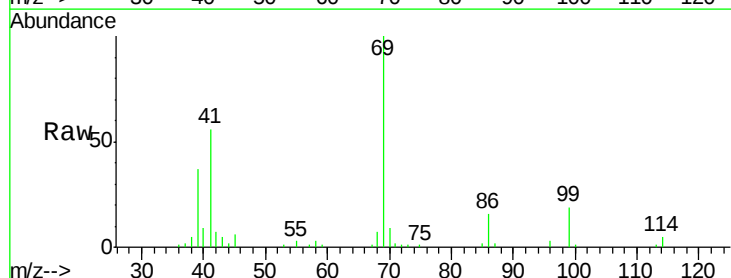
Manual Integrations
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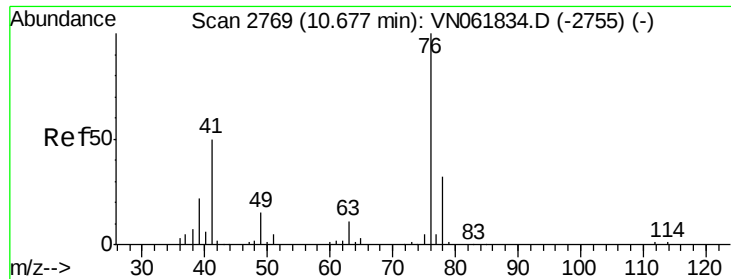
MMDadoda
 6/18/2020 9:38:08 AM



#56
 Ethyl methacrylate
 Concen: 18.729 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. 0.00 min
 Lab File: VN061841.D
 Acq: 17 Jun 2020 12:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		51595		
41	56.9	44.9	67.3		
39	37.0	30.0	45.0		





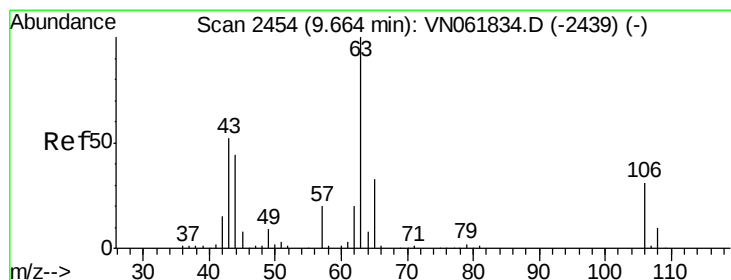
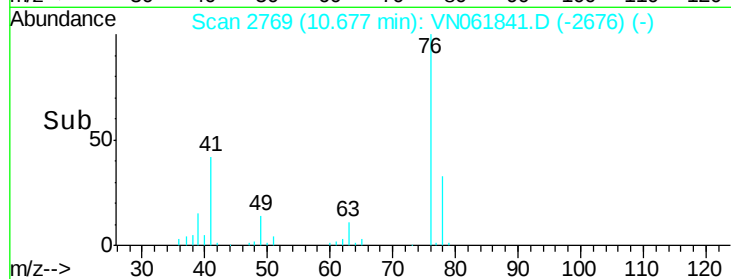
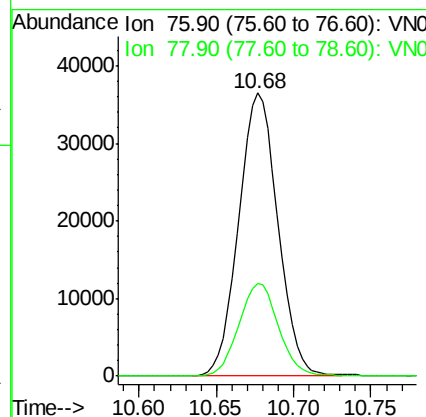
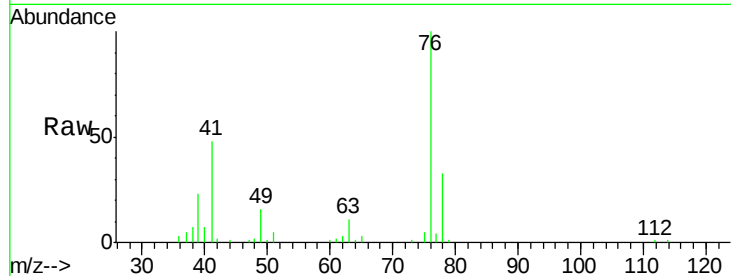
#57
 1,3-Dichloropropane
 Concen: 18.873 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN061841.D
 Acq: 17 Jun 2020 12:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0617WBS01

Tot Ion: 76 Resp: 64277
 Ion Ratio Lower Upper
 76 100
 78 33.0 25.8 38.8

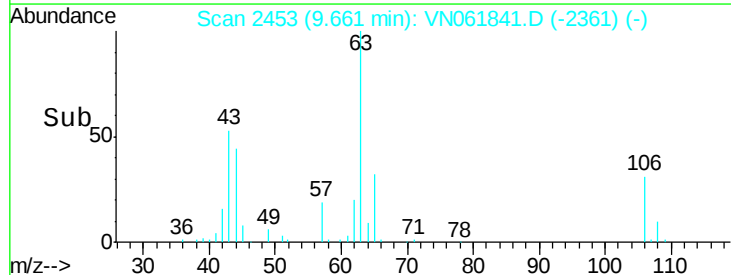
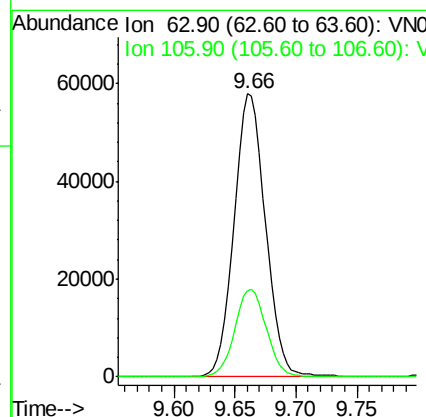
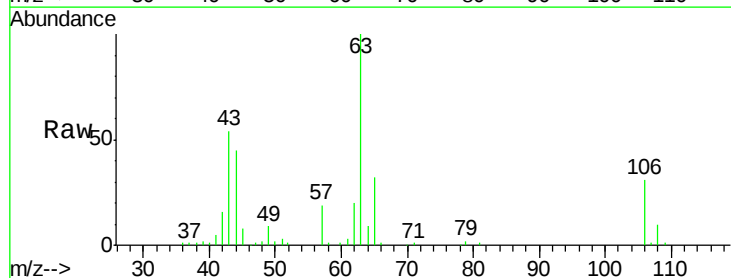
Manual Integrations
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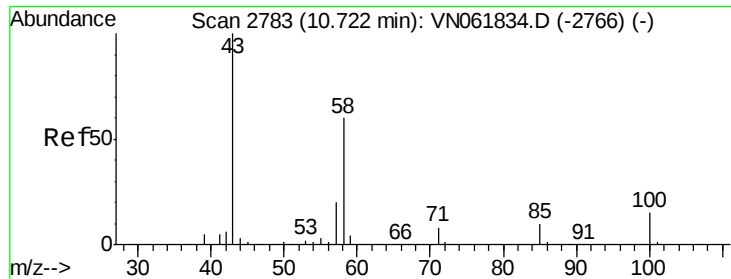
MMDadoda
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#58
 2-Chloroethyl Vinyl ether
 Concen: 98.155 ug/l
 RT: 9.66 min Scan# 2453
 Delta R.T. -0.00 min
 Lab File: VN061841.D
 Acq: 17 Jun 2020 12:11

Tgt Ion: 63 Resp: 104139
 Ion Ratio Lower Upper
 63 100
 106 31.0 24.6 36.8





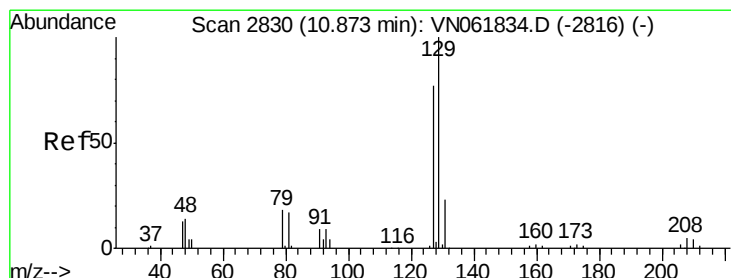
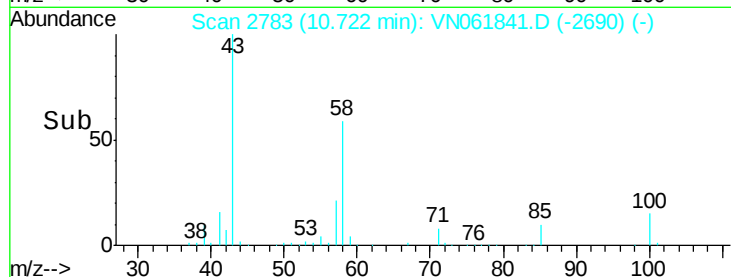
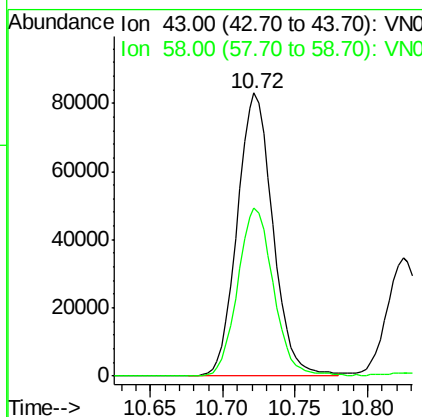
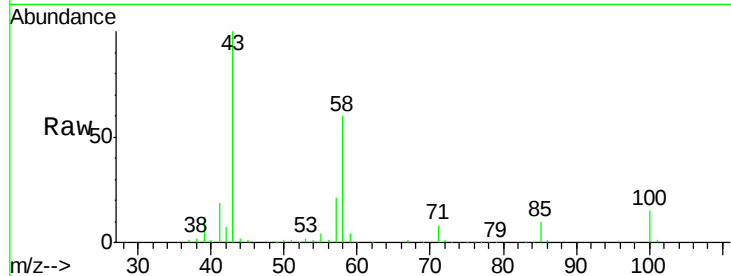
#59
2-Hexanone
Concen: 93.825 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VN061841.D
Acq: 17 Jun 2020 12:11

Instrument :
MSVOA_N
ClientSampleId :
VN0617WBS01

Tot Ion: 43 Resp: 141792
Ion Ratio Lower Upper
43 100
58 59.7 30.1 90.5

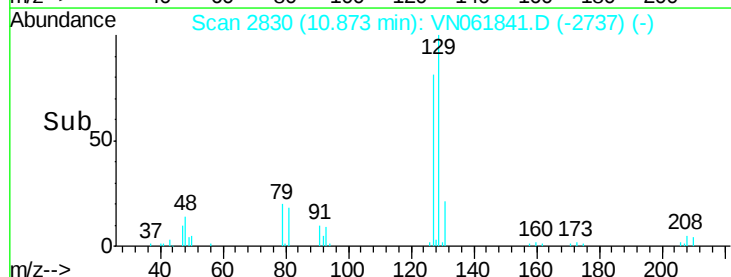
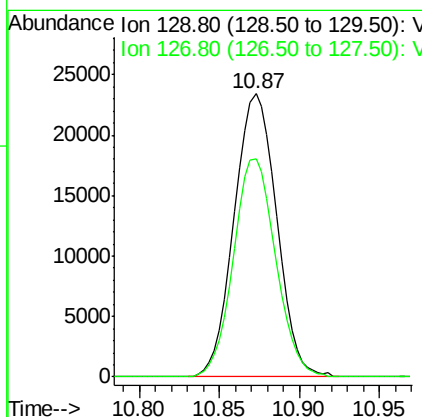
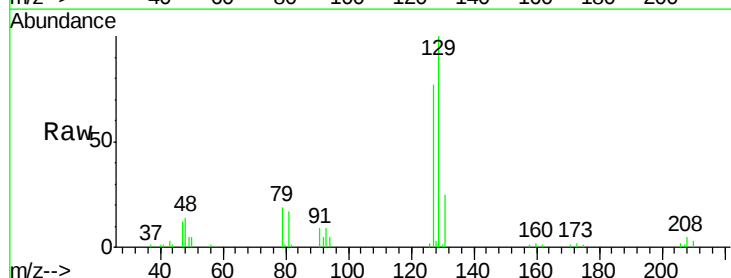
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#60
Dibromochloromethane
Concen: 18.924 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN061841.D
Acq: 17 Jun 2020 12:11

Tgt Ion: 129 Resp: 42450
Ion Ratio Lower Upper
129 100
127 76.5 38.5 115.5





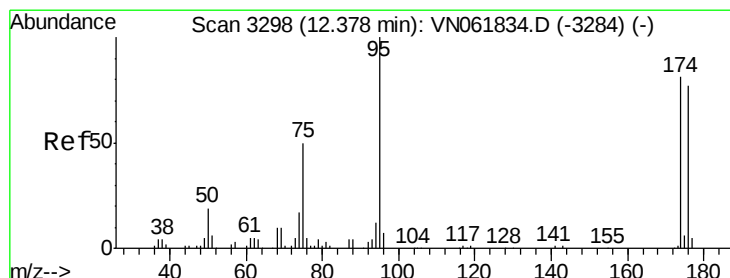
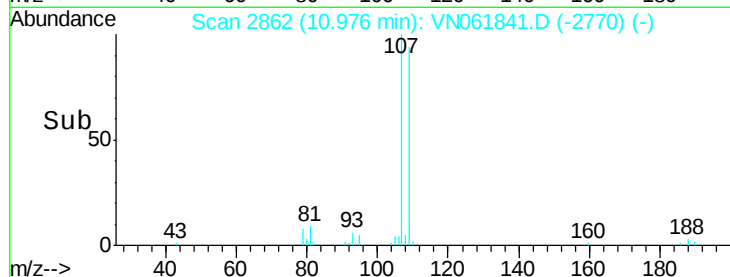
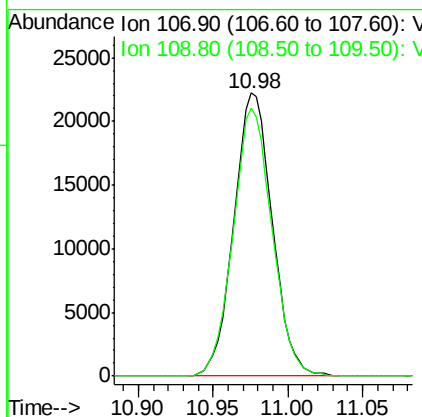
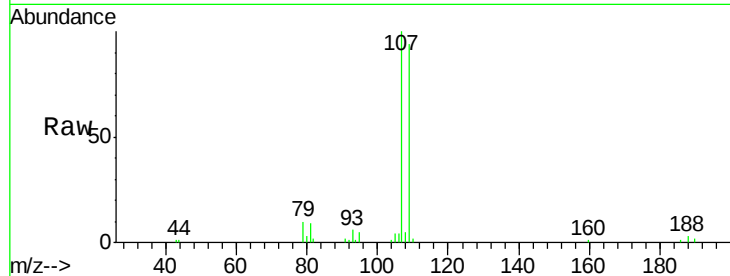
#61
 1,2-Dibromoethane
 Concen: 18.965 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN061841.D
 Acq: 17 Jun 2020 12:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0617WBS01

Tot Ion:107 Resp: 39811
 Ion Ratio Lower Upper
 107 100
 109 95.5 75.0 112.6

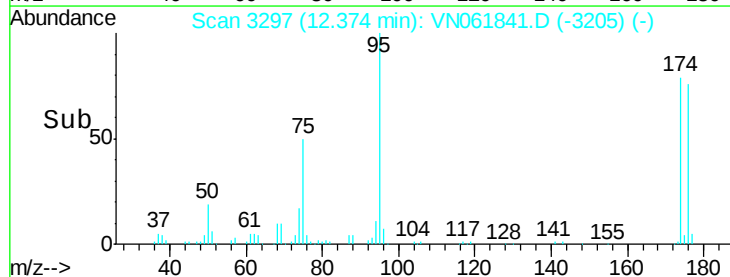
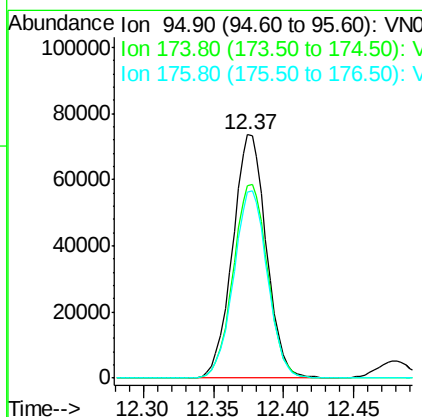
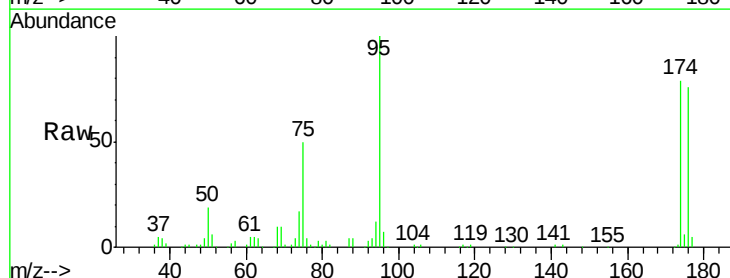
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#62
 4-Bromofluorobenzene
 Concen: 48.498 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VN061841.D
 Acq: 17 Jun 2020 12:11

Tgt Ion: 95 Resp: 123200
 Ion Ratio Lower Upper
 95 100
 174 81.0 0.0 158.6
 176 77.3 0.0 152.0





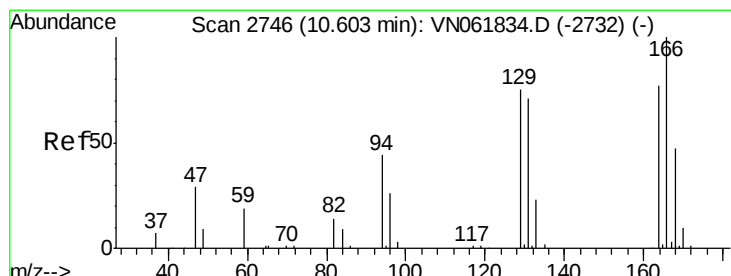
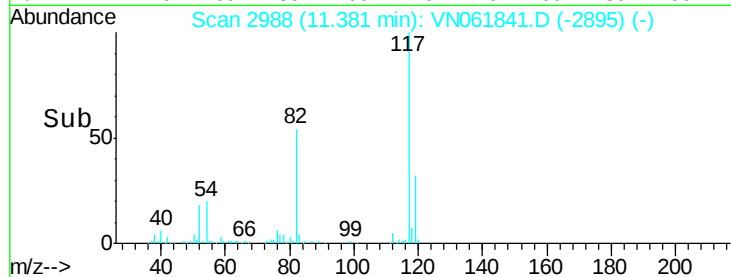
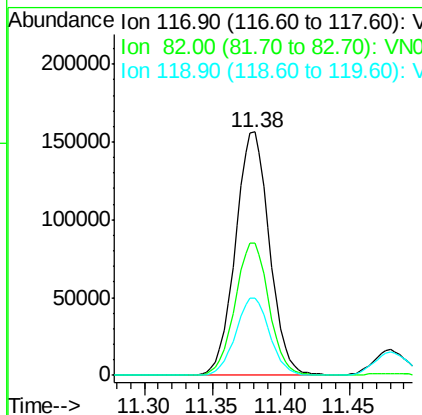
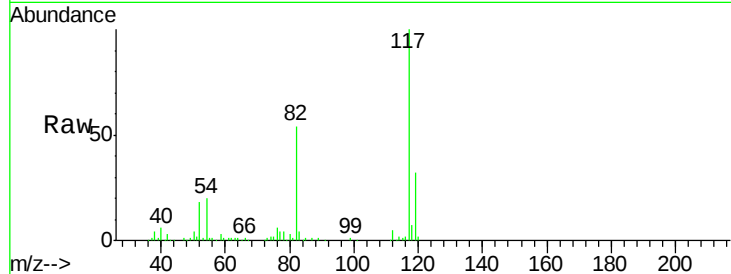
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN061841.D
Acq: 17 Jun 2020 12:11

Instrument :
MSVOA_N
ClientSampleId :
VN0617WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	270549		
82	54.1		42.6	64.0
119	31.9		24.7	37.1

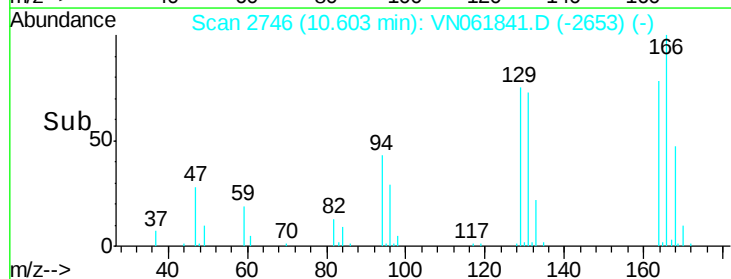
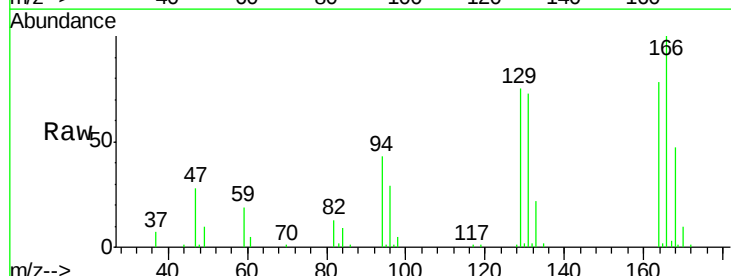
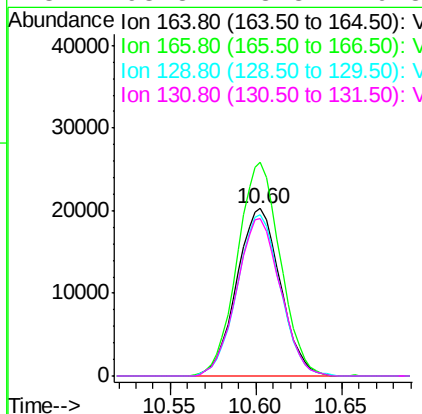
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#64
Tetrachloroethene
Concen: 20.795 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN061841.D
Acq: 17 Jun 2020 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	35858		
166	127.7		103.5	155.3
129	96.1		77.5	116.3
131	93.8		73.8	110.8





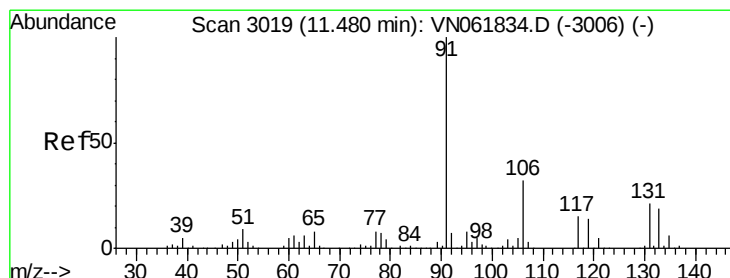
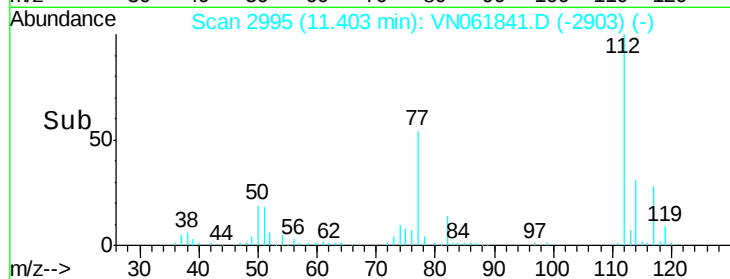
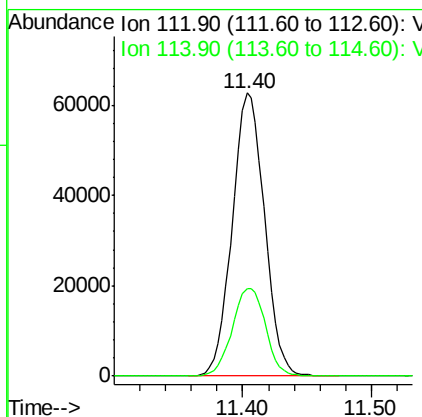
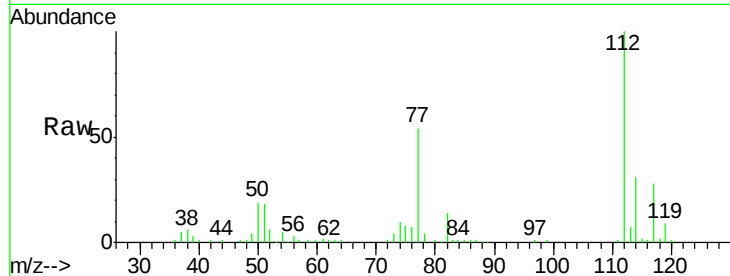
#65
Chlorobenzene
Concen: 19.088 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN061841.D
Acq: 17 Jun 2020 12:11

Instrument :
MSVOA_N
ClientSampled :
VN0617WBS01

Tot Ion:112 Resp: 108968
Ion Ratio Lower Upper
112 100
114 30.7 25.8 38.6

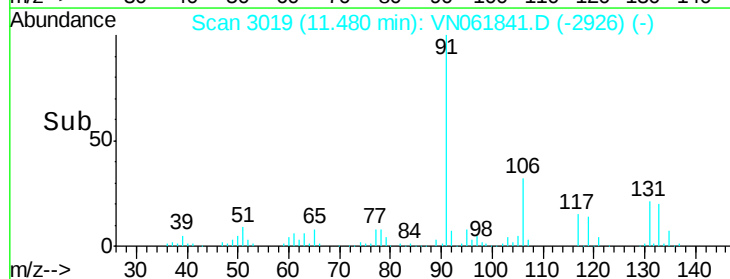
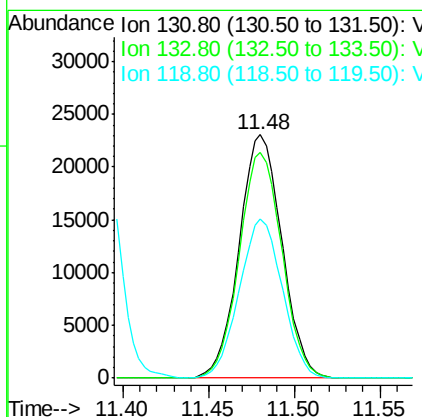
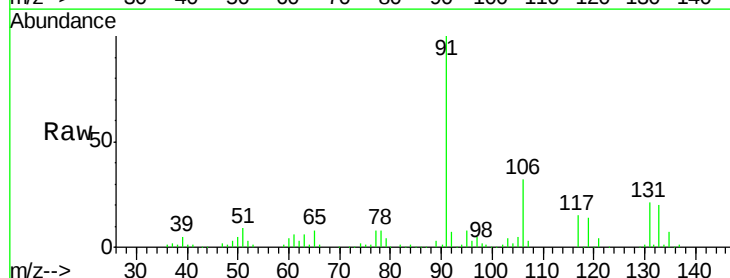
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.958 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN061841.D
Acq: 17 Jun 2020 12:11

Tgt Ion:131 Resp: 39737
Ion Ratio Lower Upper
131 100
133 92.6 47.5 142.5
119 65.9 34.0 101.8





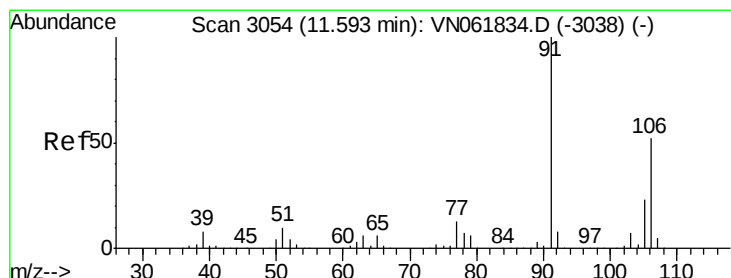
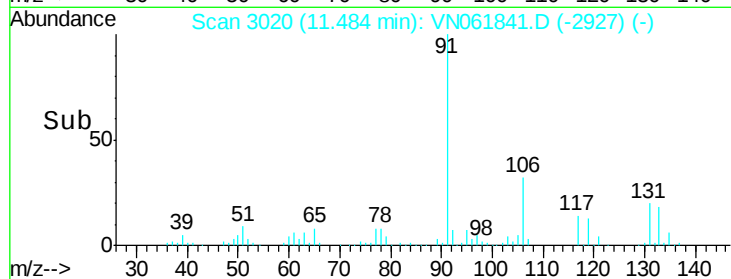
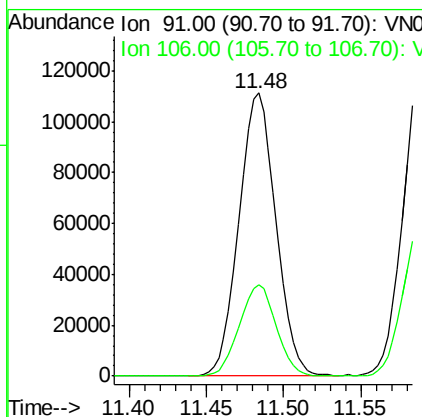
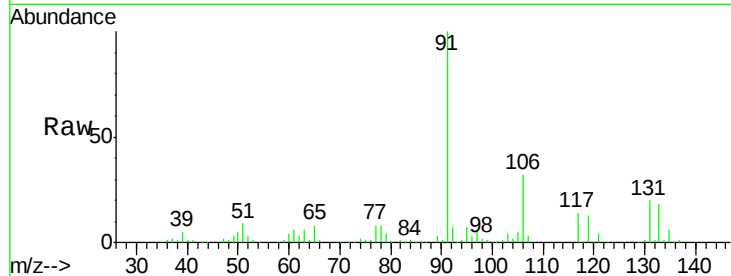
#67
Ethyl Benzene
Concen: 19.330 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN061841.D
Acq: 17 Jun 2020 12:11

Instrument :
MSVOA_N
ClientSampleId :
VN0617WBS01

Tot Ion: 91 Resp: 185024
Ion Ratio Lower Upper
91 100
106 32.4 25.4 38.2

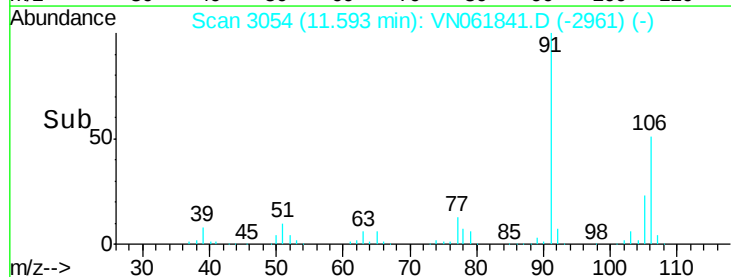
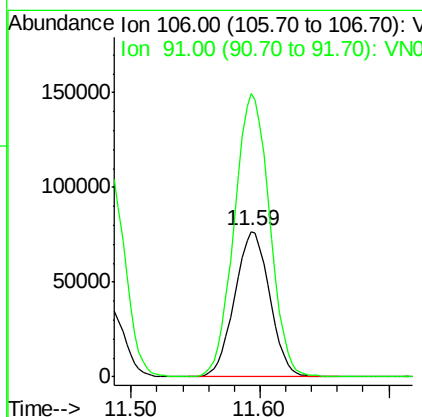
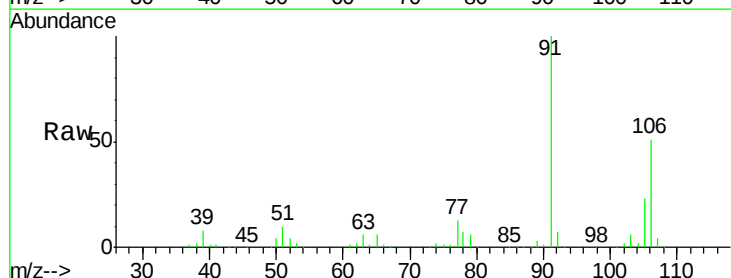
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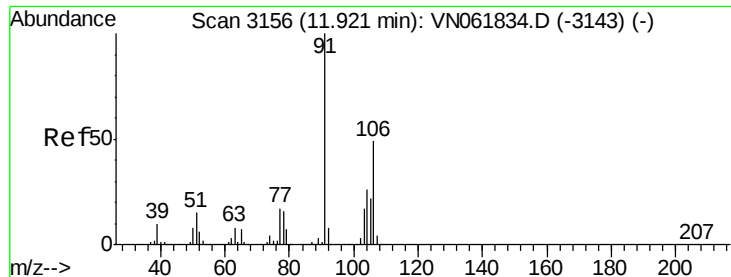
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#68
m/p-Xylenes
Concen: 39.274 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN061841.D
Acq: 17 Jun 2020 12:11

Tgt Ion: 106 Resp: 144952
Ion Ratio Lower Upper
106 100
91 196.3 157.0 235.6





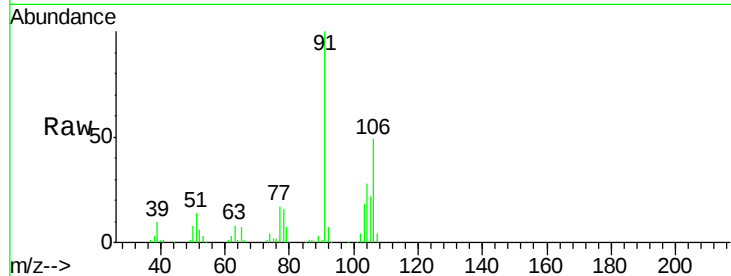
#69
o-Xylene
Concen: 19.446 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN061841.D
Acq: 17 Jun 2020 12:11

Instrument :
MSVOA_N
ClientSampleId :
VN0617WBS01

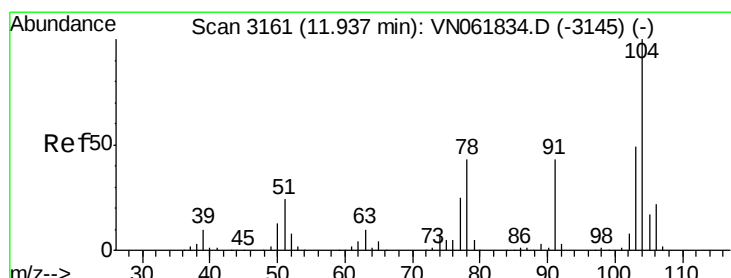
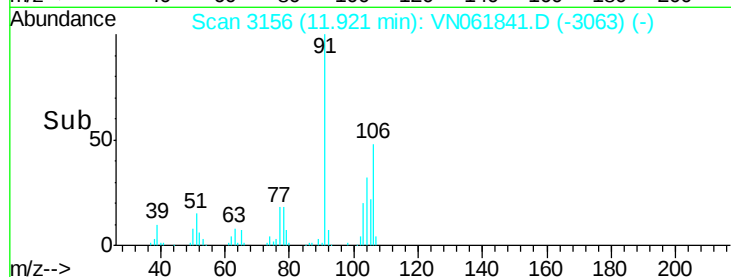
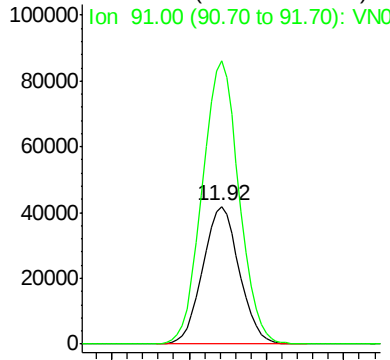
Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	207.6	103.0	308.9	

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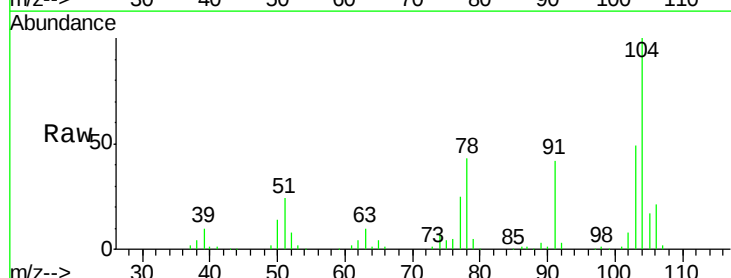


Abundance Ion 106.00 (105.70 to 106.70): V

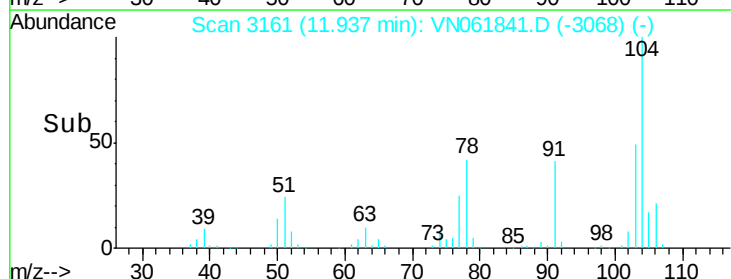
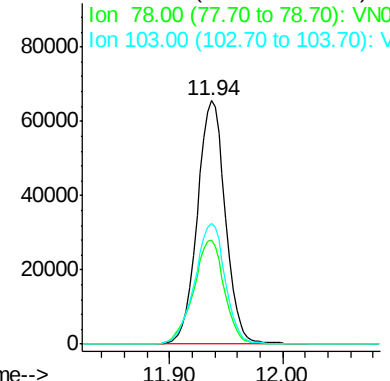


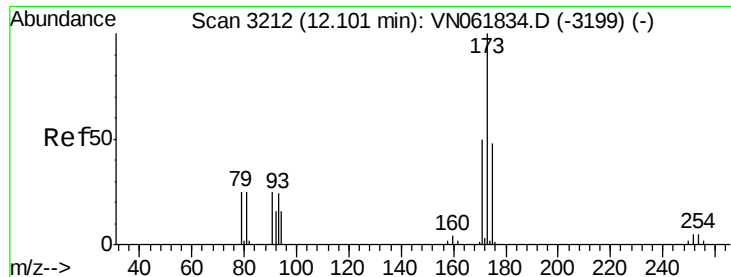
#70
Styrene
Concen: 19.154 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN061841.D
Acq: 17 Jun 2020 12:11

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	46.7	37.6	56.4	
103	53.8	43.0	64.4	



Abundance Ion 104.00 (103.70 to 104.70): V





#71

Bromoform

Concen: 19.005 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN061841.D

Acq: 17 Jun 2020 12:11

Instrument :

MSVOA_N

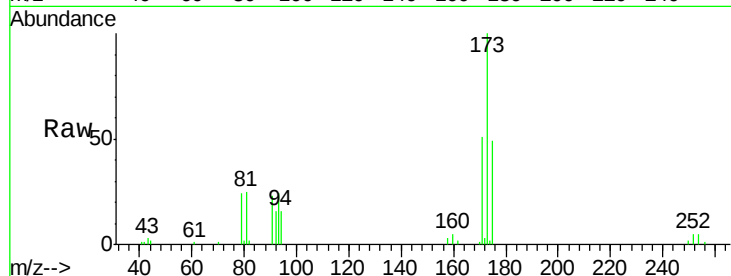
ClientSampleId :

VN0617WBS01

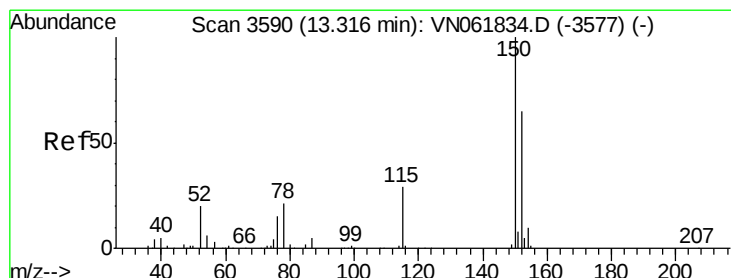
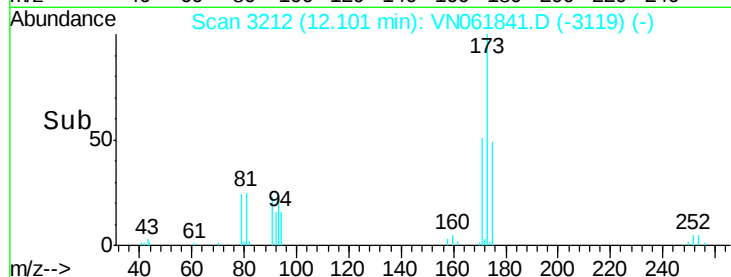
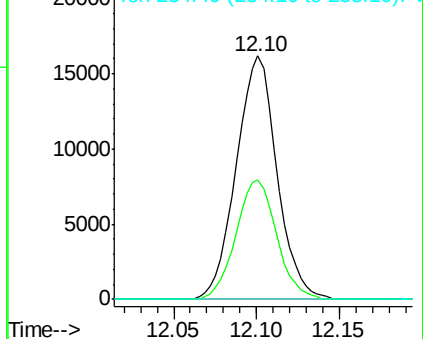
Tot Ion:	173	Resp:	27590
Ion Ratio	Lower	Upper	
173	100		
175	48.8	23.9	71.7
254	0.0	0.0	0.0

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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

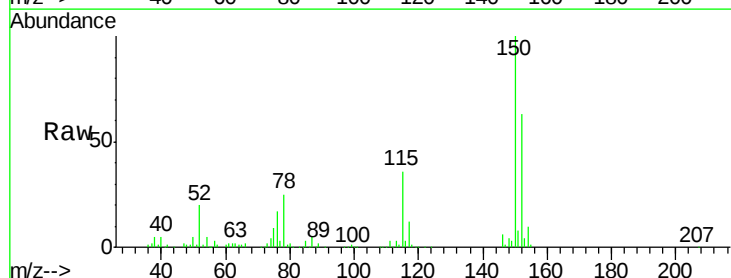
RT: 13.32 min Scan# 3590

Delta R.T. -0.00 min

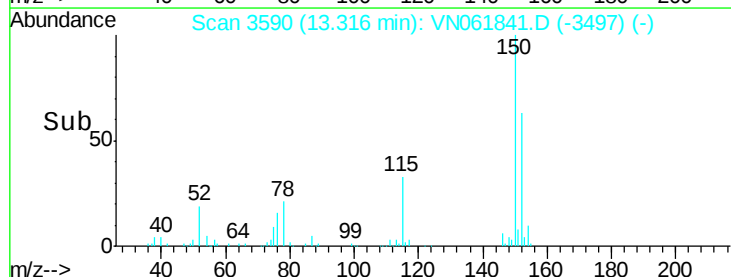
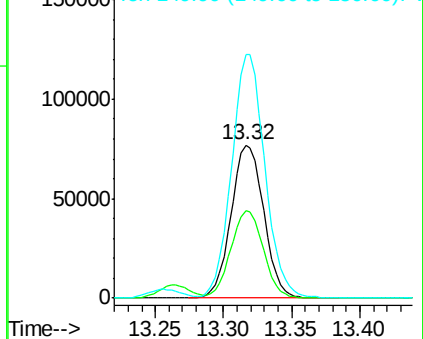
Lab File: VN061841.D

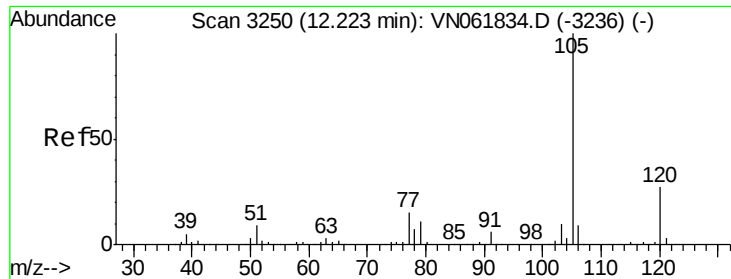
Acq: 17 Jun 2020 12:11

Tgt Ion:	152	Resp:	127827
Ion Ratio	Lower	Upper	
152	100		
115	56.8	29.1	87.3
150	161.9	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: 19.589 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN061841.D

Acq: 17 Jun 2020 12:11

Instrument :

MSVOA_N

ClientSampleId :

VN0617WBS01

Tot Ion: 105 Resp: 177942

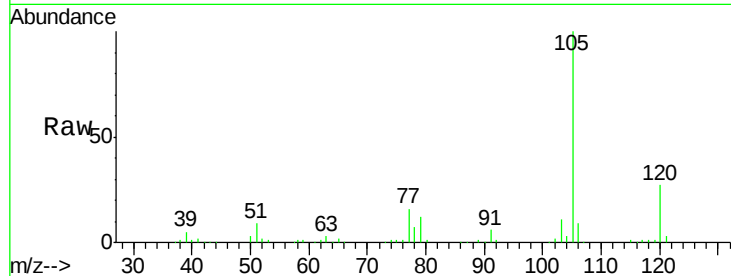
Ion Ratio Lower Upper

105 100

120 27.4 13.3 39.8

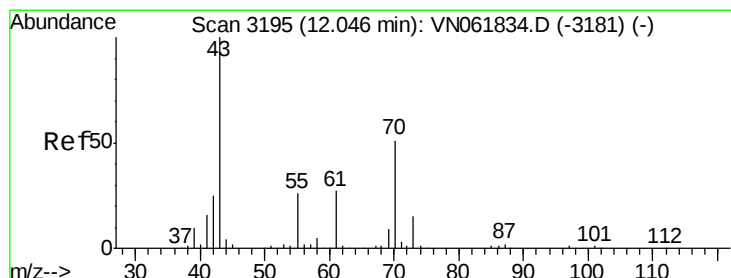
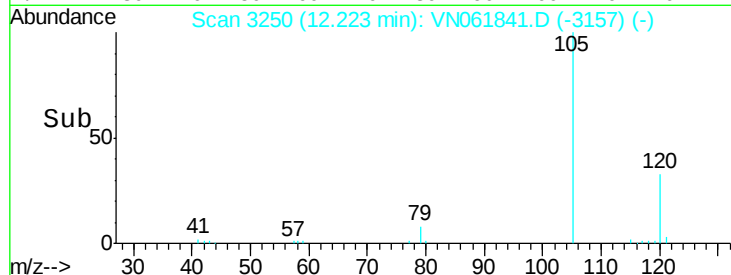
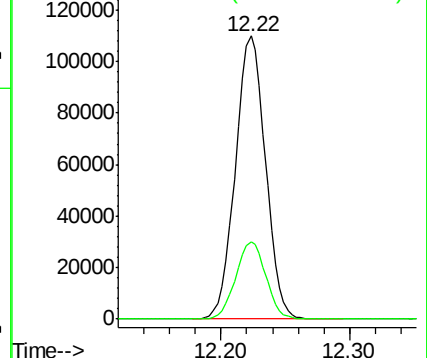
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.081 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN061841.D

Acq: 17 Jun 2020 12:11

Tgt Ion: 43 Resp: 56127

Ion Ratio Lower Upper

43 100

70 48.5 40.6 60.8

55 26.1 21.5 32.3

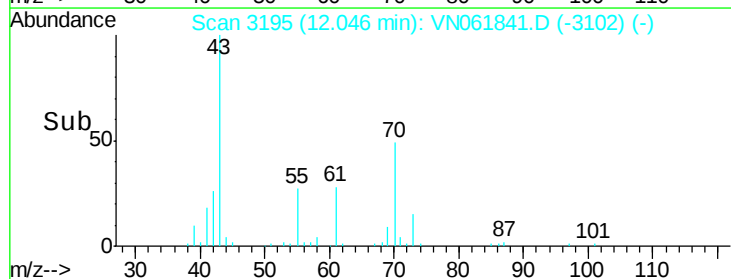
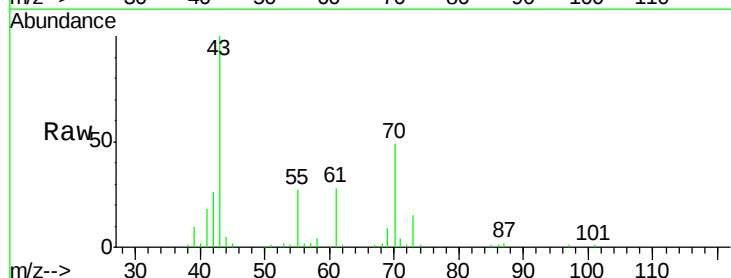
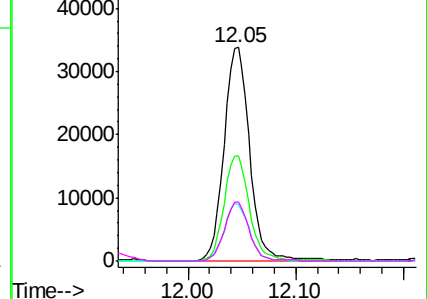
61 26.5 21.6 32.4

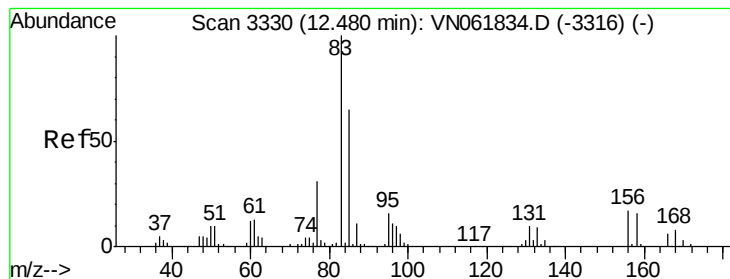
Abundance Ion 43.00 (42.70 to 43.70): V

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: 18.425 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN061841.D

Acq: 17 Jun 2020 12:11

Instrument :

MSVOA_N

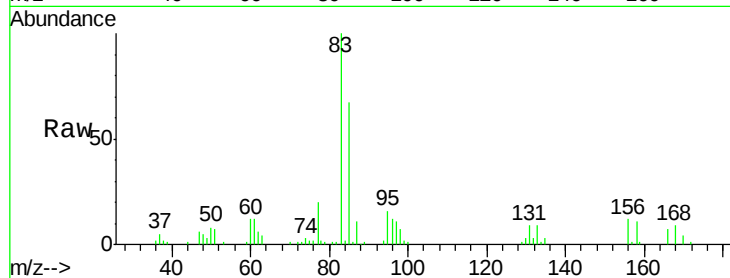
ClientSampleId :

VN0617WBS01

Tot Ion:	83	Resp:	54414
Ion Ratio	Lower	Upper	
83	100		
131	10.2	5.0	15.0
85	66.9	32.4	97.2

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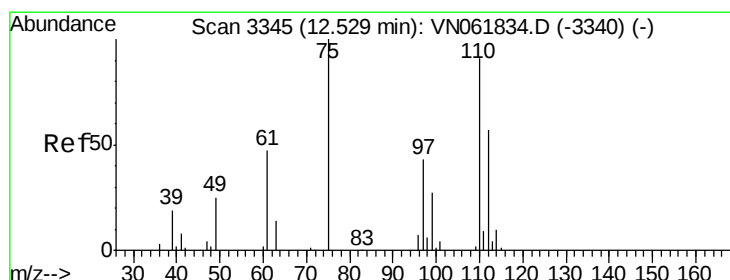
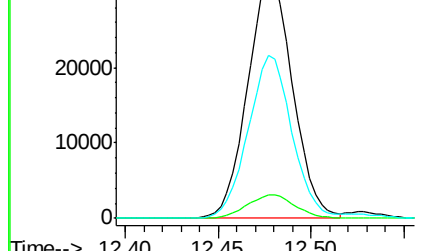
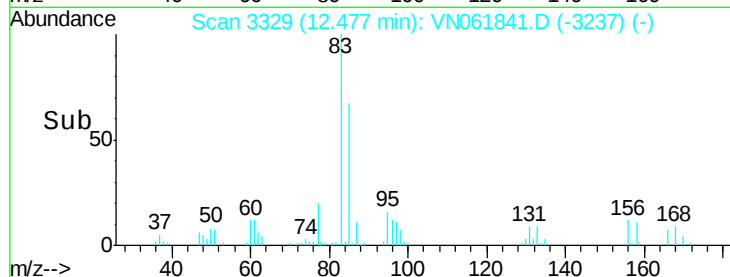


Abundance Ion 82.90 (82.60 to 83.60): VN061834.D (-3316) (-)

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

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

Time-->



#76

1,2,3-Trichloropropane

Concen: 17.975 ug/l m

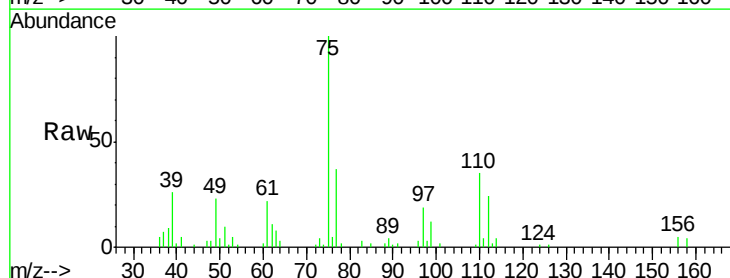
RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN061841.D

Acq: 17 Jun 2020 12:11

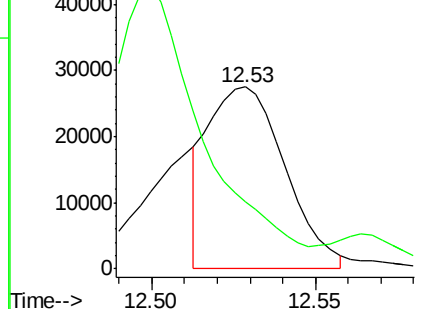
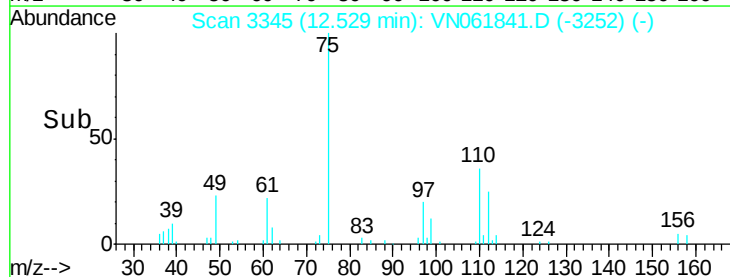
Tgt Ion:	75	Resp:	45110
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0

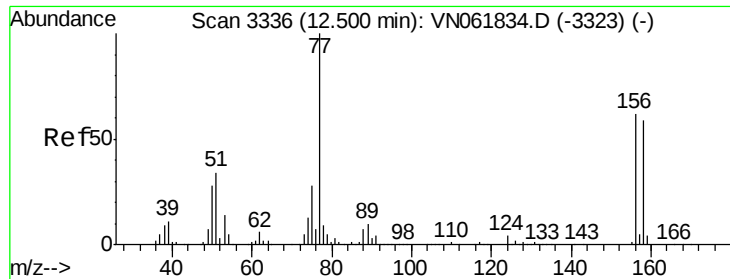


Abundance Ion 74.90 (74.60 to 75.60): VN061834.D (-3340) (-)

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

Time-->





#77

Bromobenzene

Concen: 19.593 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN061841.D

Acq: 17 Jun 2020 12:11

Instrument :

MSVOA_N

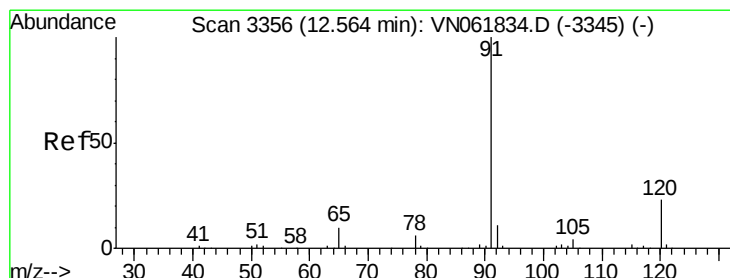
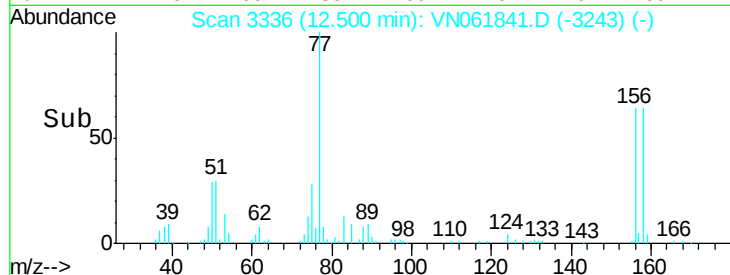
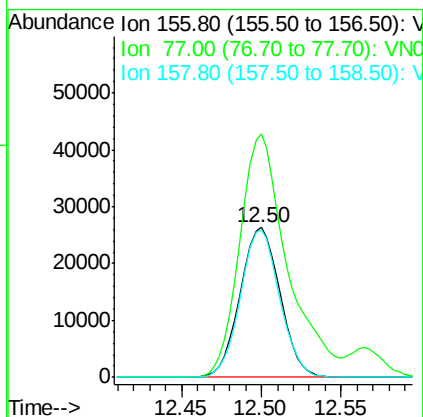
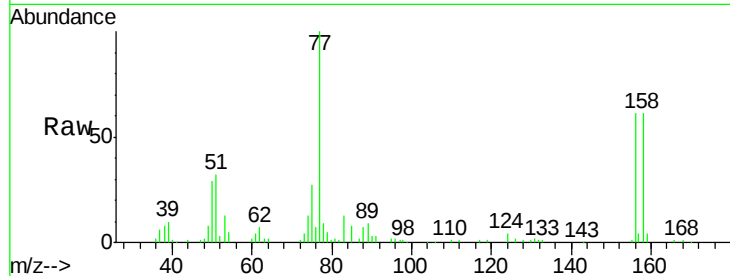
ClientSampleId :

VN0617WBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	194.0	100.7	302.1
158	96.4	48.5	145.5

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#78

n-propylbenzene

Concen: 19.364 ug/l

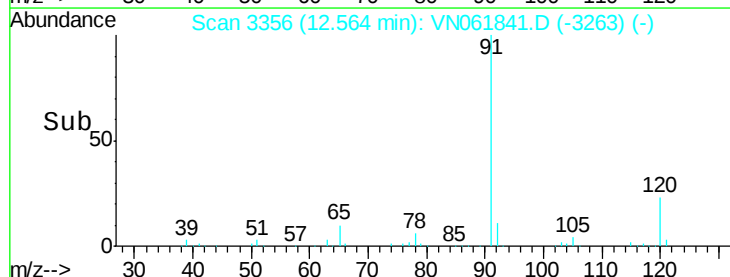
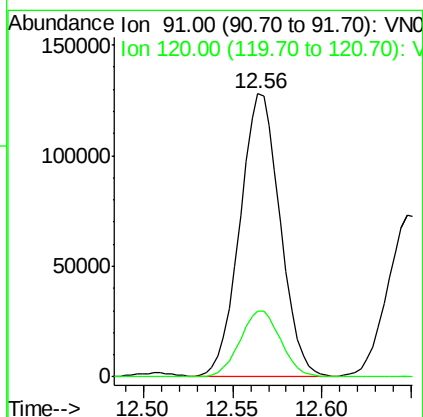
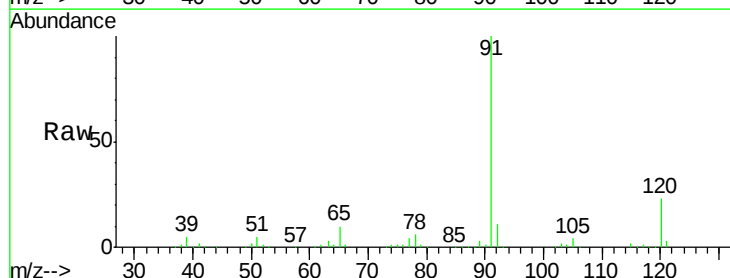
RT: 12.56 min Scan# 3356

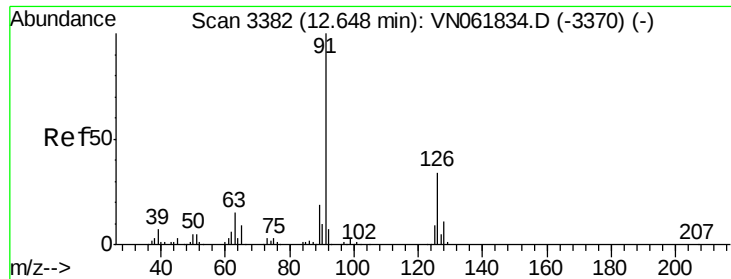
Delta R.T. -0.00 min

Lab File: VN061841.D

Acq: 17 Jun 2020 12:11

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.8	11.6	34.8





#79

2-Chlorotoluene

Concen: 19.155 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN061841.D

Acq: 17 Jun 2020 12:11

Instrument :

MSVOA_N

ClientSampled :

VN0617WBS01

Tot Ion: 91 Resp: 119237

Ion Ratio Lower Upper

91 100

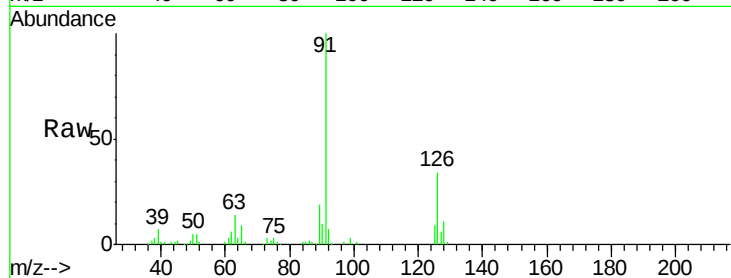
126 35.4 17.3 51.7

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Abundance Ion 91.00 (90.70 to 91.70): VN061841.D (-3382) (-)

Ion 125.90 (125.60 to 126.60): VN061841.D (-3382) (-)

100000

80000

60000

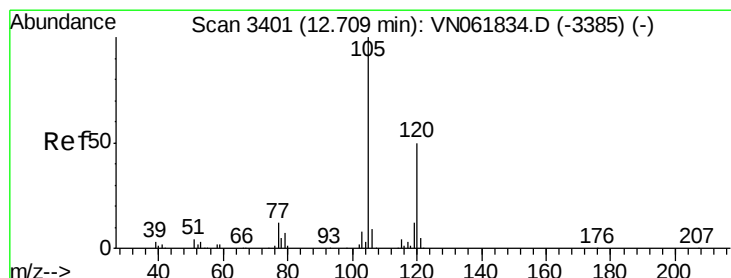
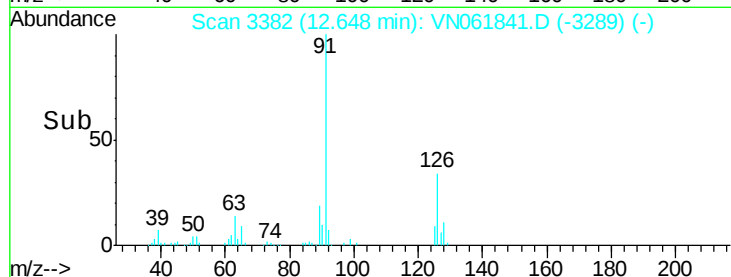
40000

20000

0

12.60 12.65 12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 19.631 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN061841.D

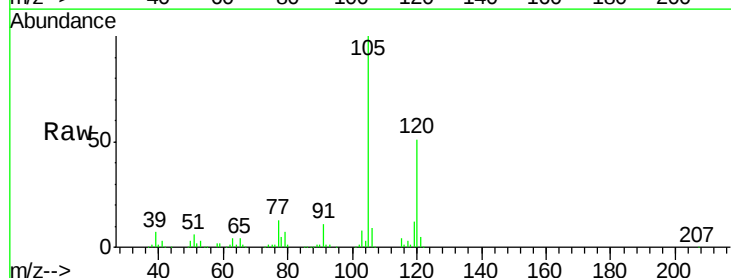
Acq: 17 Jun 2020 12:11

Tgt Ion:105 Resp: 147526

Ion Ratio Lower Upper

105 100

120 49.9 24.9 74.7



Abundance Ion 105.00 (104.70 to 105.70): VN061841.D (-3401) (-)

Ion 120.00 (119.70 to 120.70): VN061841.D (-3401) (-)

100000

80000

60000

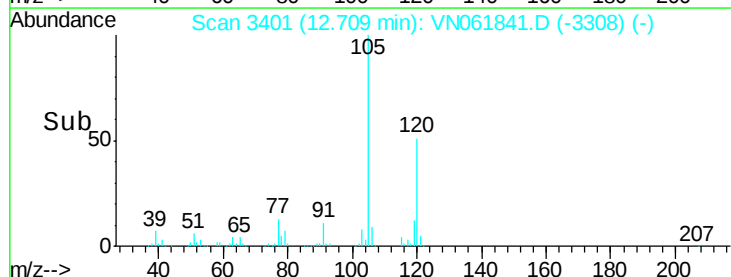
40000

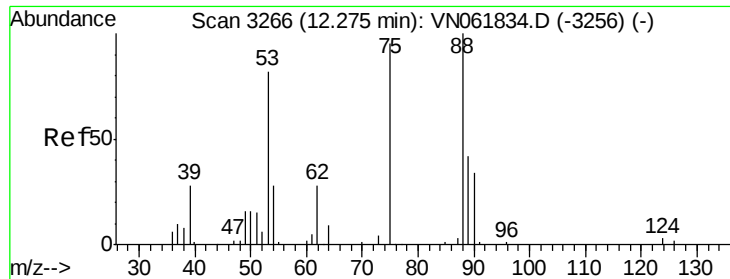
20000

0

12.65 12.70 12.75 12.80

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 18.852 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN061841.D

Acq: 17 Jun 2020 12:11

Instrument :

MSVOA_N

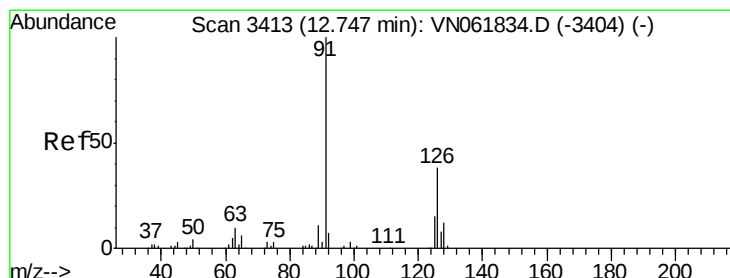
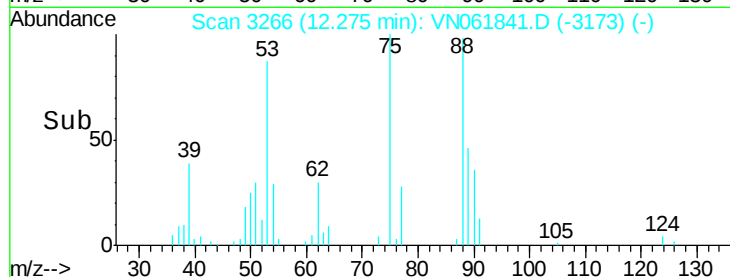
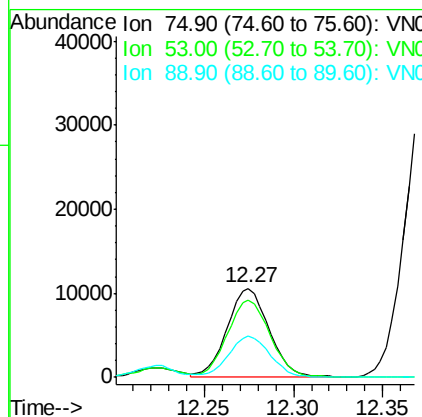
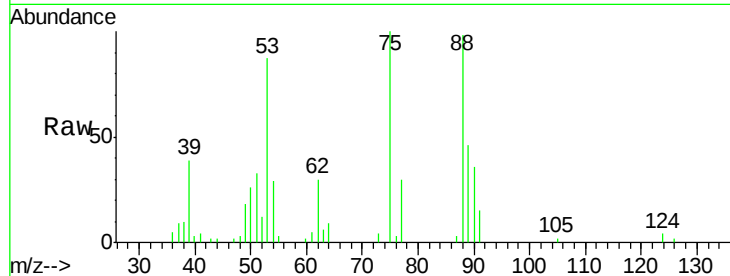
ClientSampleId :

VN0617WBS01

Tot Ion:	75	Resp:	17346
Ion Ratio	Lower	Upper	
75	100		
53	88.7	70.4	105.6
89	45.8	36.0	54.0

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#82

4-Chlorotoluene

Concen: 19.372 ug/l

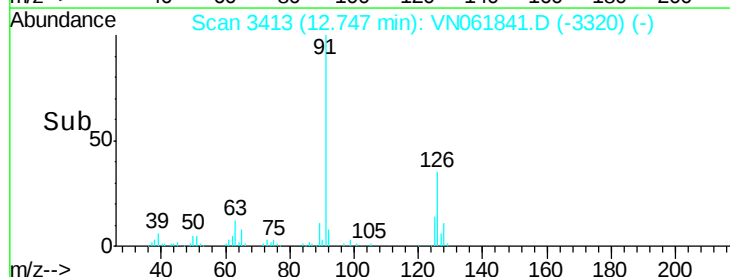
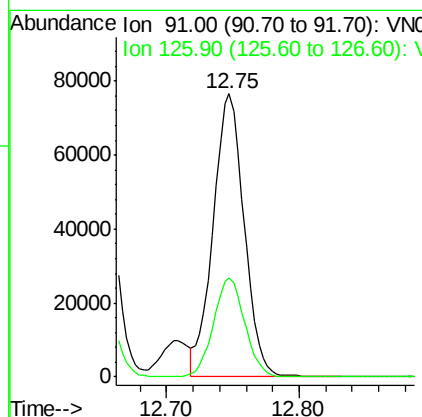
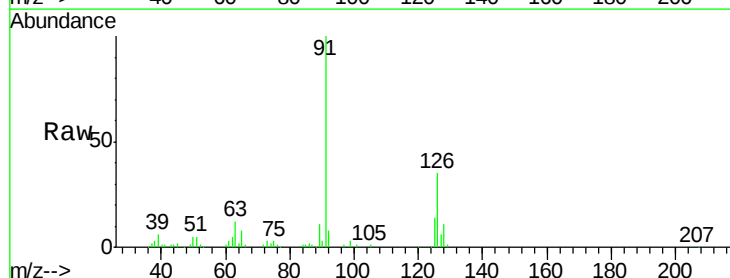
RT: 12.75 min Scan# 3413

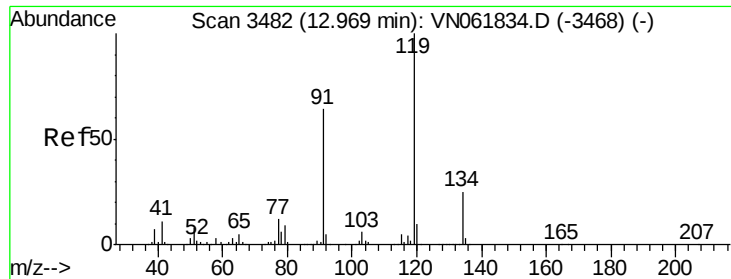
Delta R.T. -0.00 min

Lab File: VN061841.D

Acq: 17 Jun 2020 12:11

Tgt Ion:	91	Resp:	124607
Ion Ratio	Lower	Upper	
91	100		
126	35.1	17.2	51.6





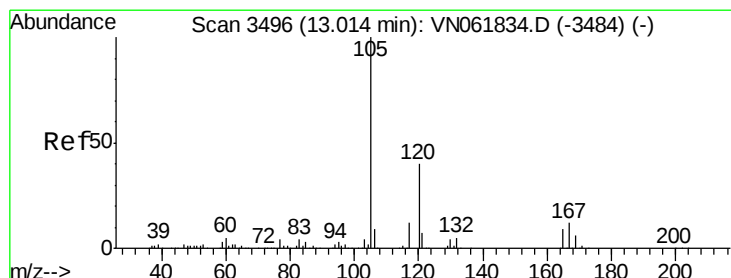
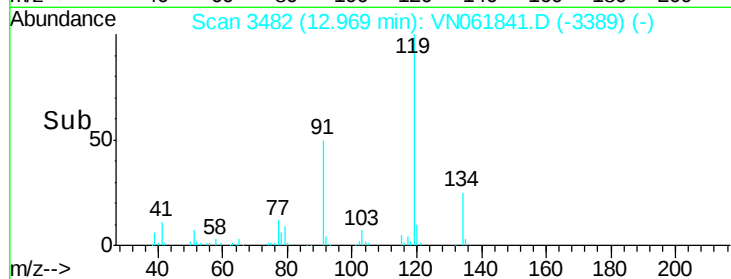
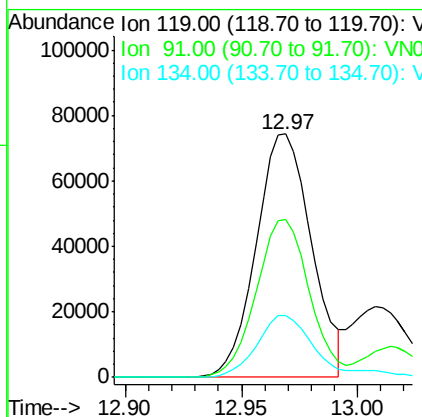
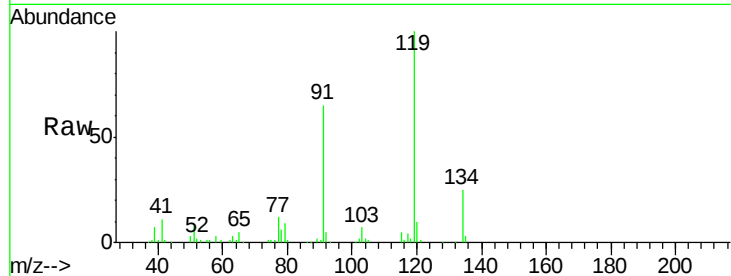
#83
 tert-Butylbenzene
 Concen: 19.368 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN061841.D
 Acq: 17 Jun 2020 12:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0617WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	123391		
91	62.6	31.5	94.5	
134	25.3	13.3	39.9	

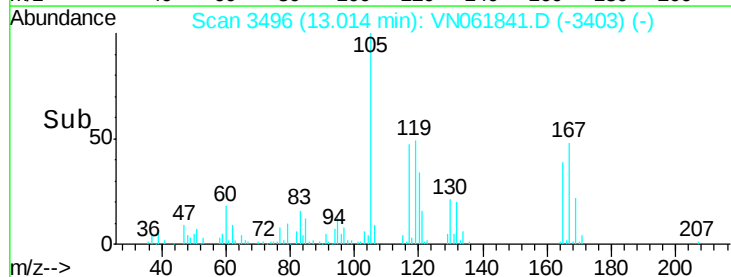
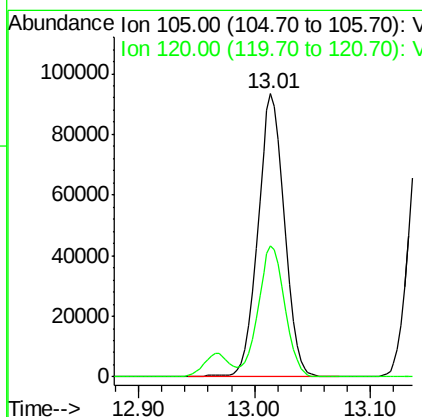
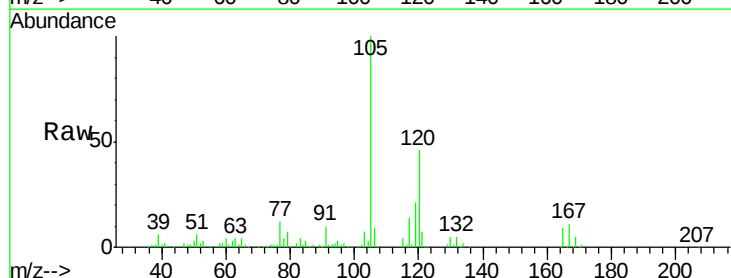
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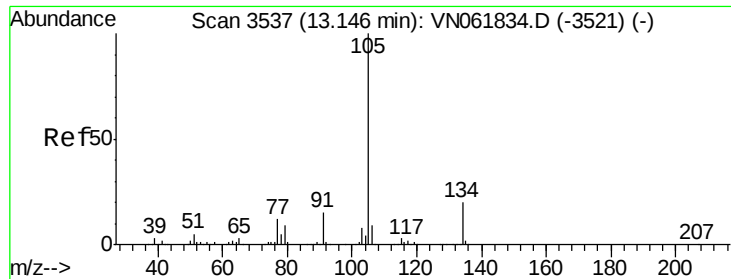
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.053 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN061841.D
 Acq: 17 Jun 2020 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	148760		
120	46.4	23.3	69.9	





#85

sec-Butylbenzene

Concen: 19.824 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN061841.D

Acq: 17 Jun 2020 12:11

Instrument :

MSVOA_N

ClientSampleId :

VN0617WBS01

Tot Ion:105 Resp: 165314

Ion Ratio Lower Upper

105 100

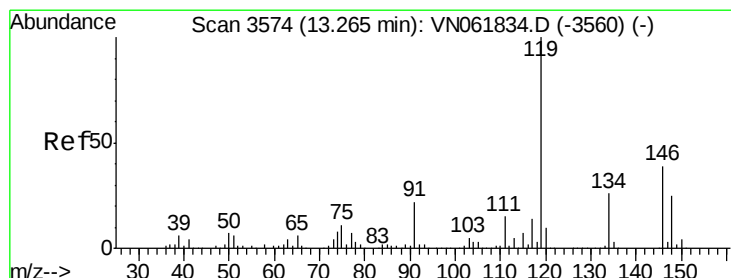
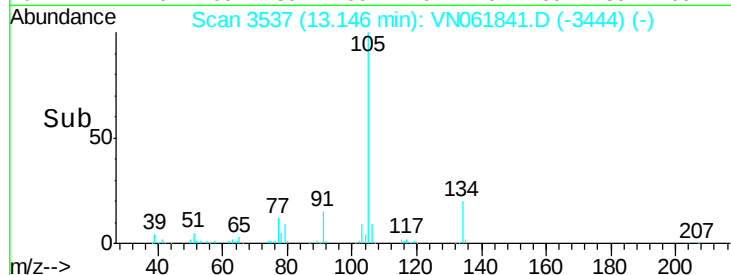
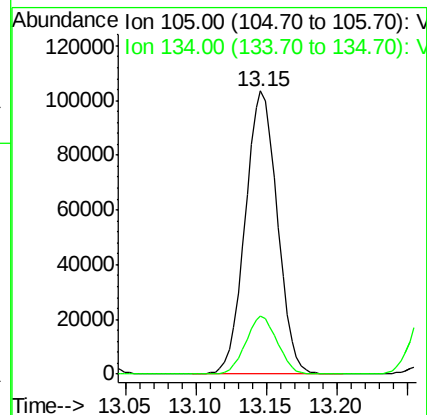
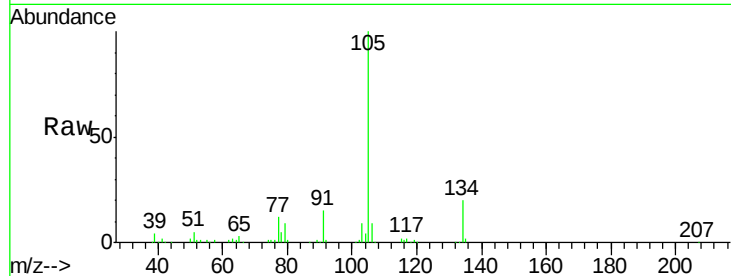
134 20.1 10.1 30.1

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#86

p-Isopropyltoluene

Concen: 20.341 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN061841.D

Acq: 17 Jun 2020 12:11

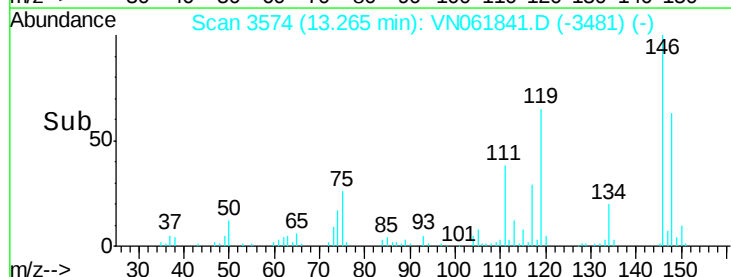
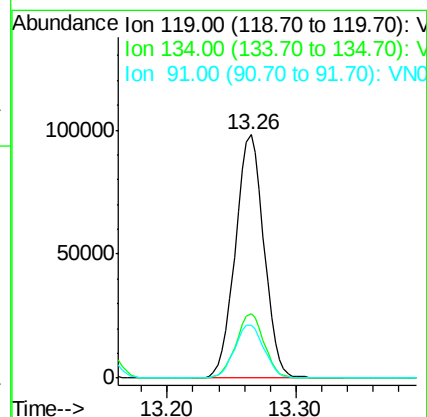
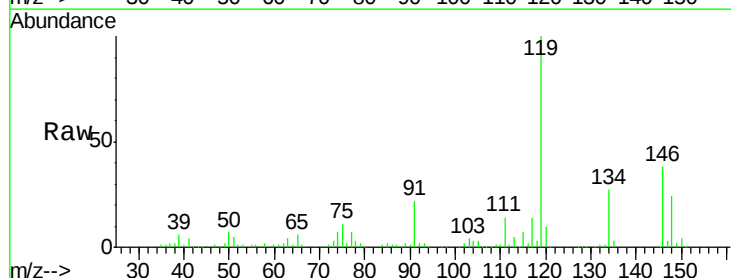
Tgt Ion:119 Resp: 151150

Ion Ratio Lower Upper

119 100

134 25.9 13.3 39.9

91 22.6 11.2 33.6





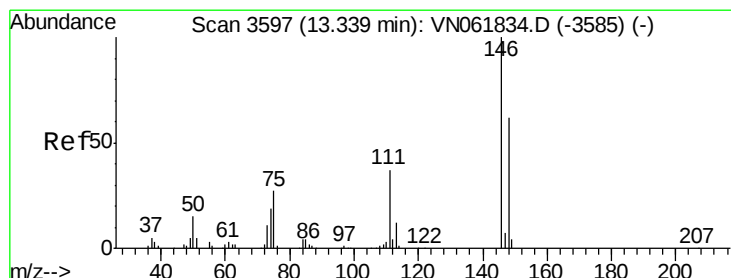
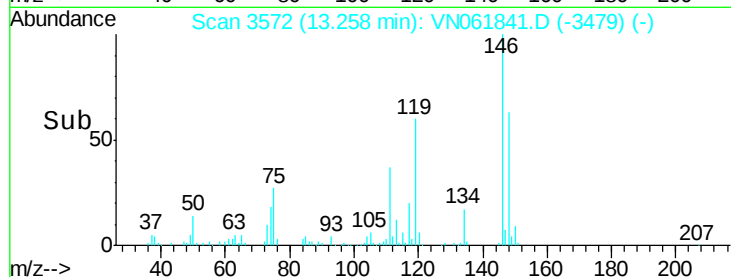
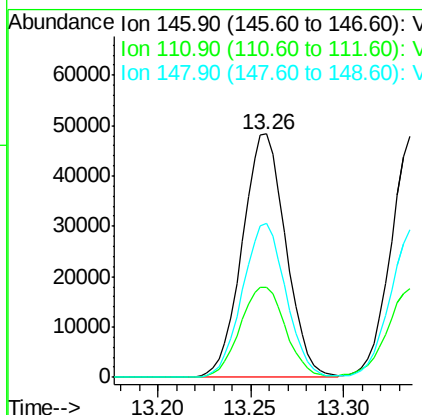
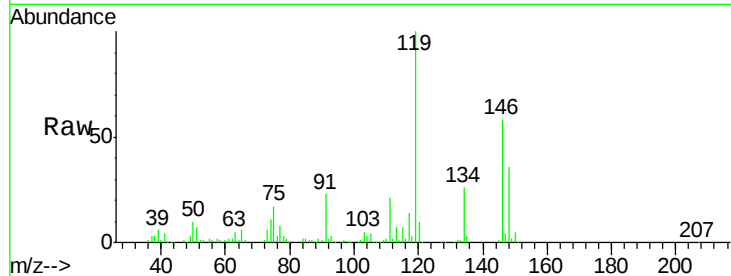
#87
 1,3-Dichlorobenzene
 Concen: 18.930 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN061841.D
 Acq: 17 Jun 2020 12:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0617WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.6	58.8
148	63.1	31.8	95.4

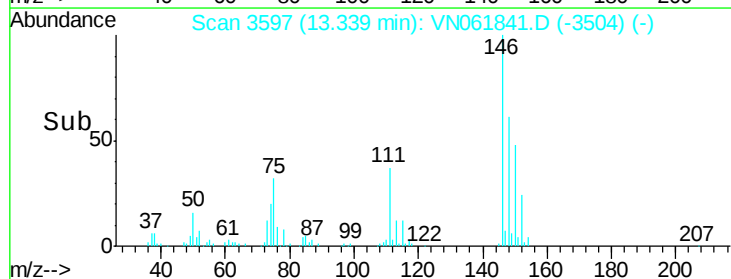
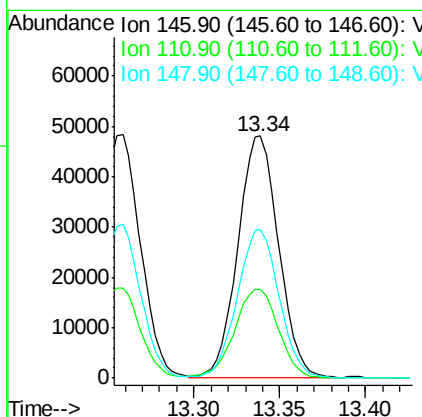
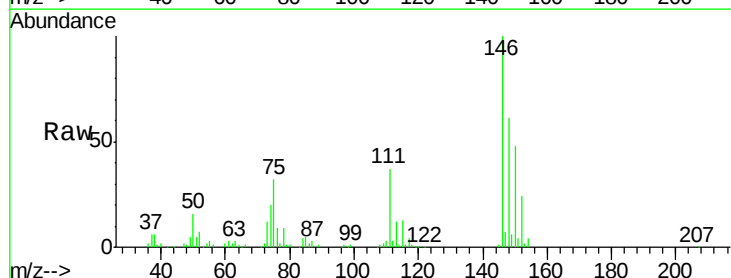
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#88
 1,4-Dichlorobenzene
 Concen: 18.358 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN061841.D
 Acq: 17 Jun 2020 12:11

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.9	19.3	57.8
148	63.7	31.6	94.7





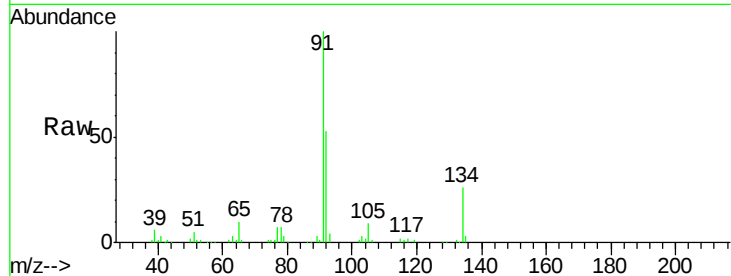
#89
n-Butylbenzene
Concen: 19.637 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN061841.D
Acq: 17 Jun 2020 12:11

Instrument :
MSVOA_N
ClientSampleId :
VN0617WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.2	27.0	80.8
134	25.6	13.0	39.0

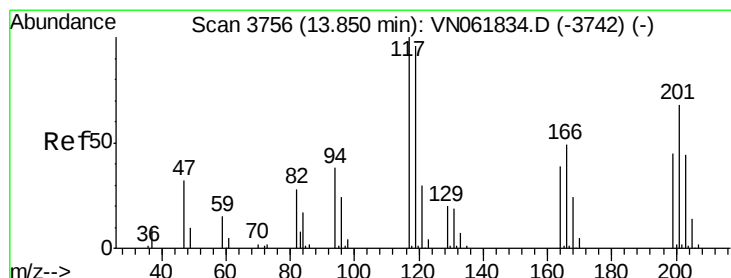
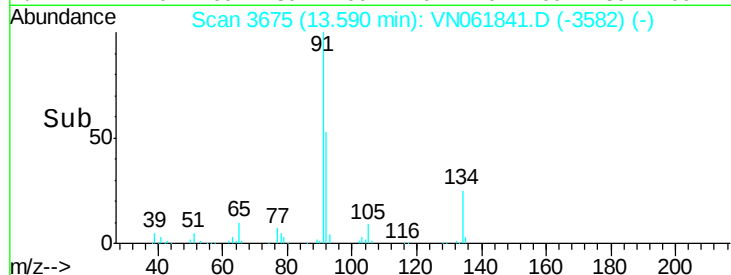
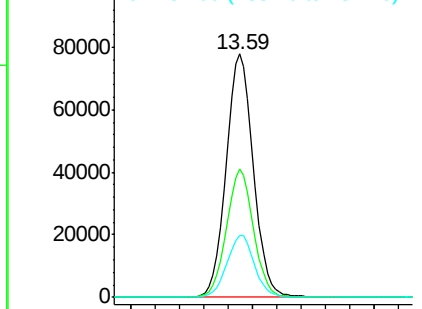
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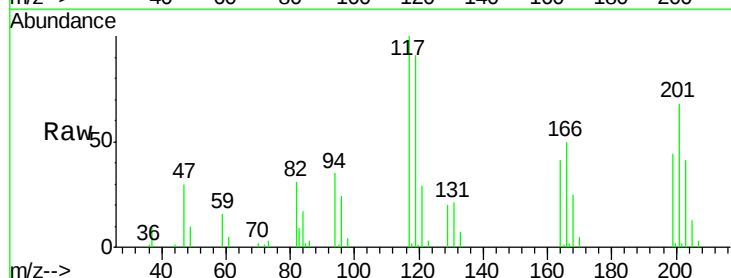
Abundance

Ion 91.00 (90.70 to 91.70): VN061841.D (-3582) (-)



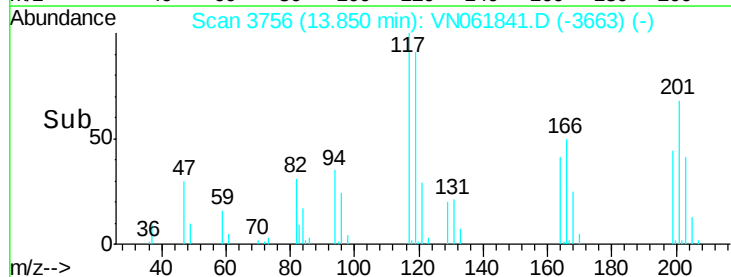
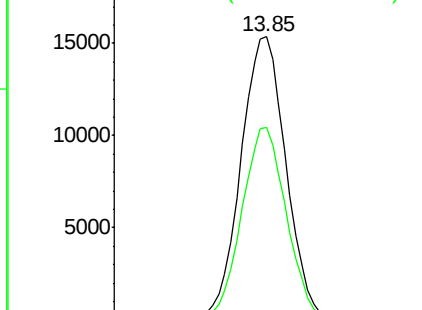
#90
Hexachloroethane
Concen: 19.118 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN061841.D
Acq: 17 Jun 2020 12:11

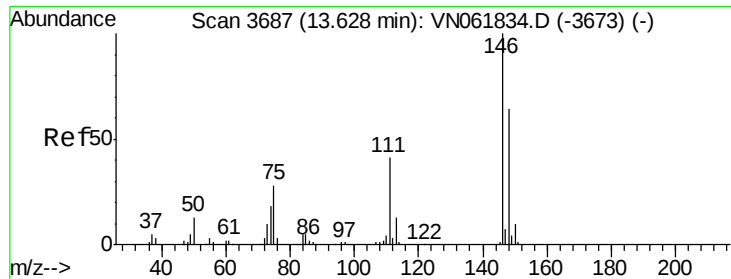
Tgt Ion	Ratio	Lower	Upper
117	100		
201	67.2	34.6	103.8



Abundance

Ion 116.80 (116.50 to 117.50): VN061841.D (-3663) (-)





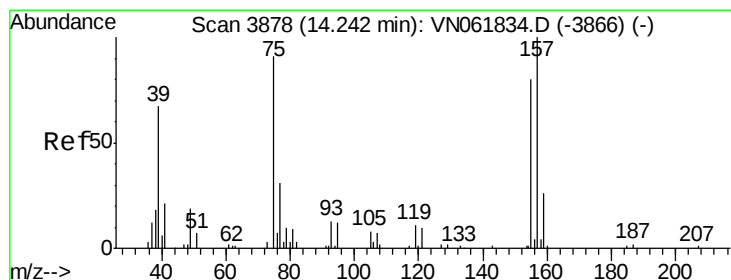
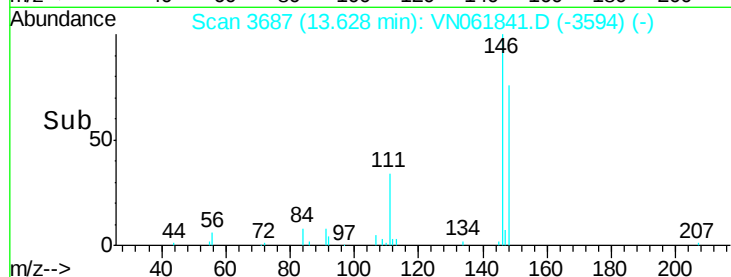
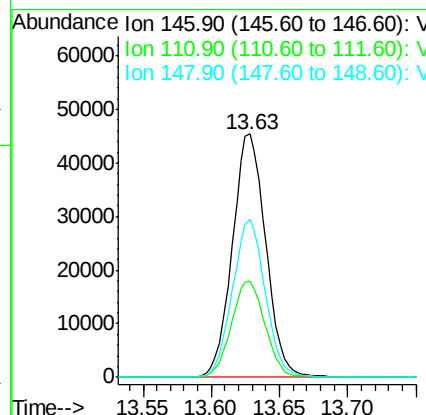
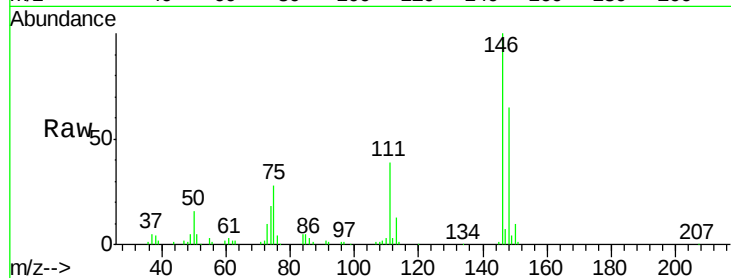
#91
 1,2-Dichlorobenzene
 Concen: 19.191 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN061841.D
 Acq: 17 Jun 2020 12:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0617WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	20.4	61.2
148	63.6	31.8	95.4

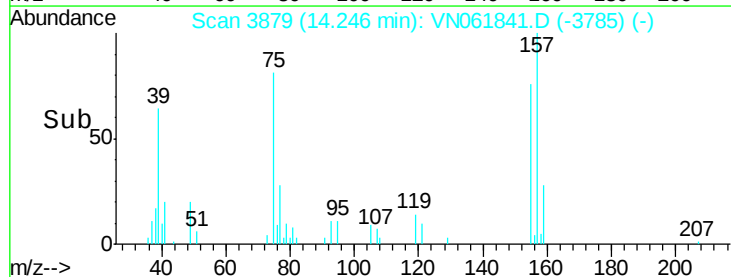
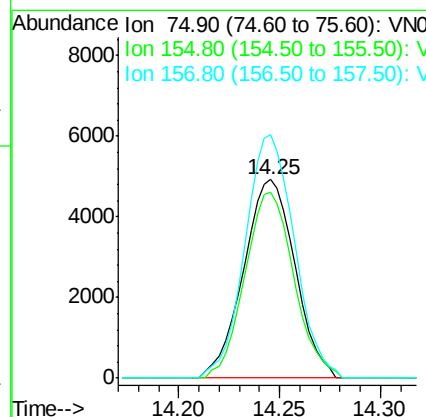
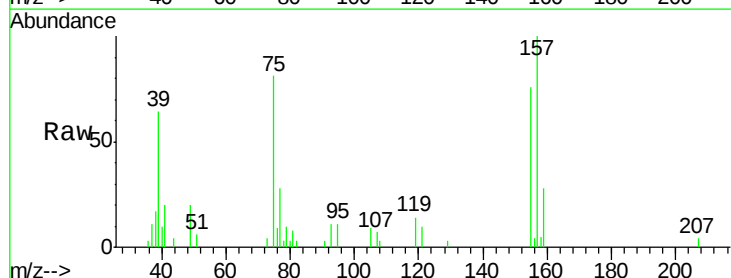
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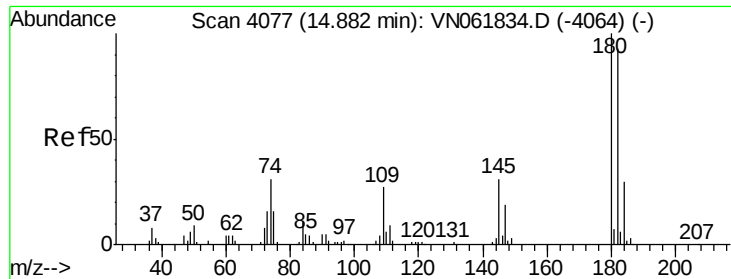
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.323 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. 0.00 min
 Lab File: VN061841.D
 Acq: 17 Jun 2020 12:11

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.1	44.4	133.2
157	117.7	57.0	171.2





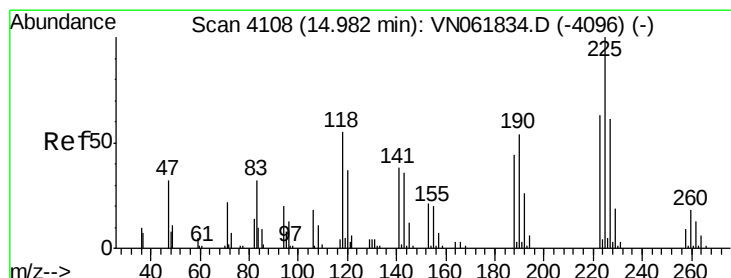
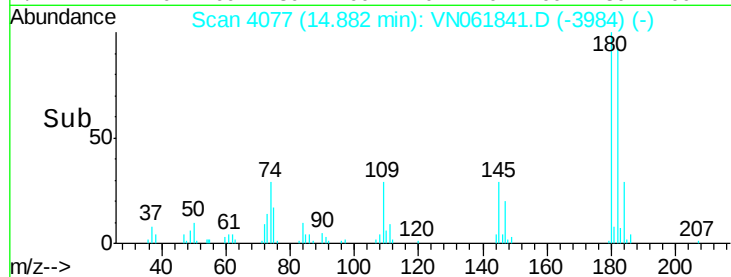
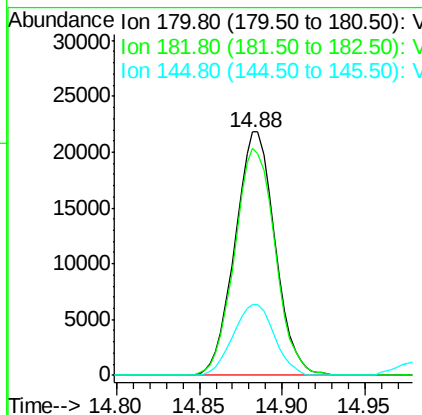
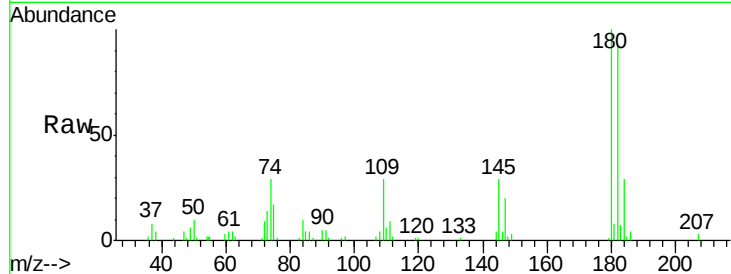
#93
 1,2,4-Trichlorobenzene
 Concen: 19.301 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN061841.D
 Acq: 17 Jun 2020 12:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0617WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.0	141.2
145	29.9	15.8	47.3

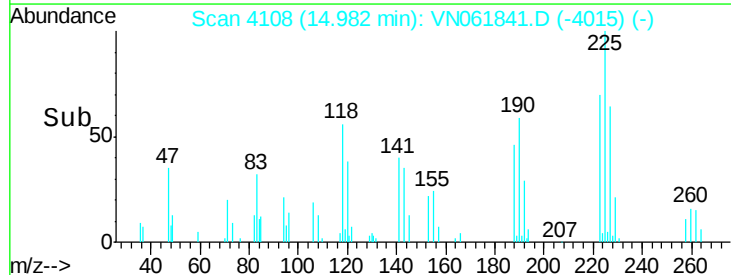
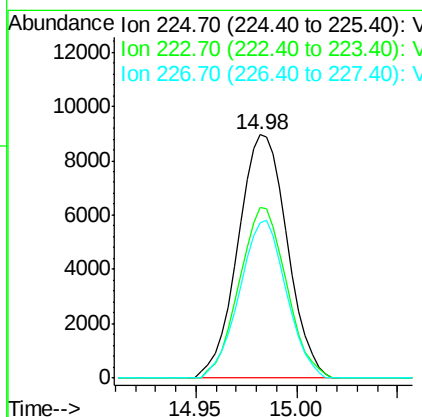
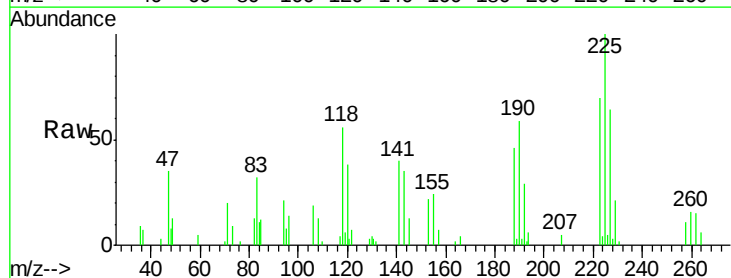
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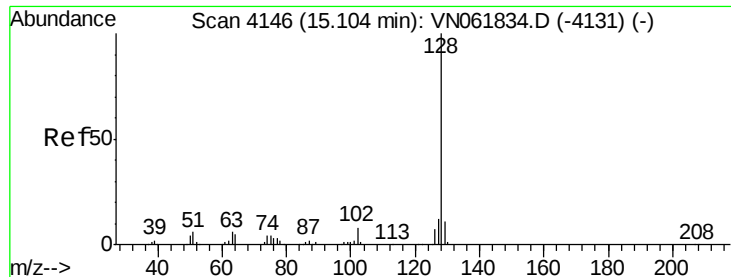
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#94
 Hexachlorobutadiene
 Concen: 20.457 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN061841.D
 Acq: 17 Jun 2020 12:11

Tgt Ion	Ratio	Lower	Upper
225	100		
223	67.4	31.7	95.1
227	61.6	30.1	90.3





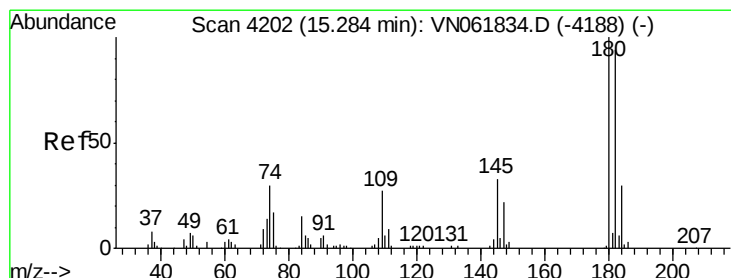
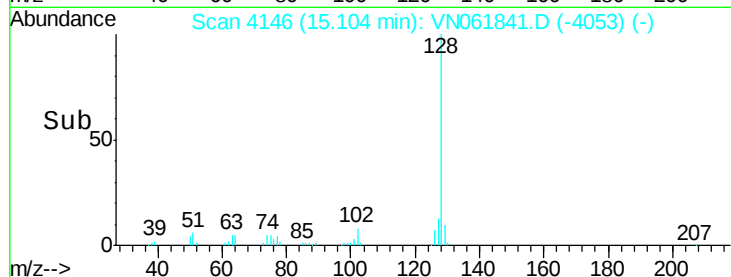
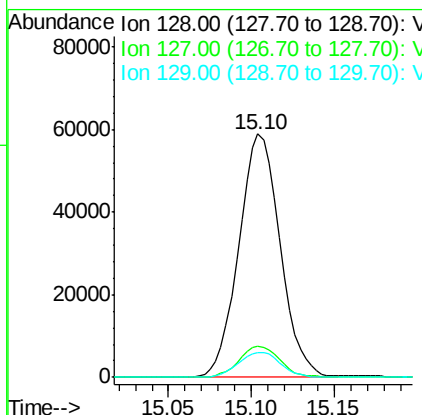
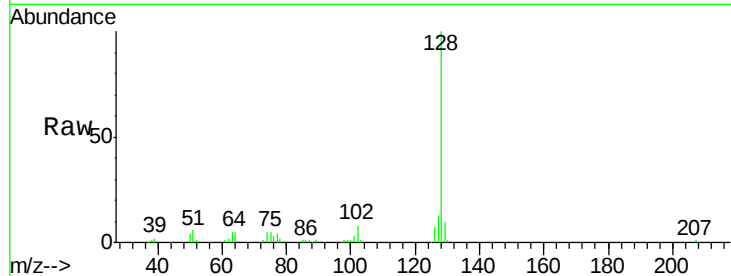
#95
Naphthalene
Concen: 18.458 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN061841.D
Acq: 17 Jun 2020 12:11

Instrument :
MSVOA_N
ClientSampleId :
VN0617WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	10.4	8.6	13.0

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 19.386 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN061841.D
Acq: 17 Jun 2020 12:11

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.9	143.6
145	33.8	16.5	49.5

