

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042920\
 Data File : VN061184.D
 Acq On : 29 Apr 2020 11:55
 Operator : JC/MD
 Sample : VN0429WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0429WBSD01

Manual Integrations
 APPROVED

MMDadoda
 4/30/2020 2:11:19 PM

Quant Time: Apr 29 15:29:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 29 08:14:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	99131	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.54	114	170900	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	160084	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	76387	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	78592	50.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.20%	
35) Dibromofluoromethane	7.54	113	49358	48.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.68%	
50) Toluene-d8	10.06	98	201327	48.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.74%	
62) 4-Bromofluorobenzene	12.37	95	74854	48.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.56%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.83	85	20149	19.168	ug/l 99
3) Chloromethane	2.03	50	23421	18.396	ug/l 98
4) Vinyl Chloride	2.16	62	26828	18.553	ug/l 99
5) Bromomethane	2.54	94	13348	18.674	ug/l 98
6) Chloroethane	2.67	64	17240	18.810	ug/l 98
7) Trichlorofluoromethane	2.98	101	33574	20.579	ug/l 99
8) Diethyl Ether	3.37	74	13578	19.953	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	3.71	101	20312	19.326	ug/l 99
10) Methyl Iodide	3.91	142	24750	18.323	ug/l 98
11) Tert butyl alcohol	4.72	59	20803	99.005	ug/l 99
12) 1,1-Dichloroethene	3.69	96	19148	18.307	ug/l 98
13) Acrolein	3.56	56	10431	74.494	ug/l 94
14) Allyl chloride	4.27	41	39885	20.567	ug/l 98
15) Acrylonitrile	4.92	53	61107	94.737	ug/l 99
16) Acetone	3.77	43	56481	89.560	ug/l 100
17) Carbon Disulfide	4.00	76	53983	18.685	ug/l 97
18) Methyl Acetate	4.27	43	35017	18.124	ug/l 98
19) Methyl tert-butyl Ether	4.98	73	77076	19.286	ug/l 99
20) Methylene Chloride	4.50	84	23117	18.900	ug/l 96
21) trans-1,2-Dichloroethene	4.98	96	21701	19.054	ug/l 96
22) Diisopropyl ether	5.90	45	85828	19.085	ug/l 100
23) Vinyl Acetate	5.84	43	344817	95.228	ug/l 99
24) 1,1-Dichloroethane	5.79	63	44709	19.028	ug/l 98
25) 2-Butanone	6.78	43	85685	92.316	ug/l 100
26) 2,2-Dichloropropane	6.77	77	39211	19.813	ug/l 99
27) cis-1,2-Dichloroethene	6.77	96	26053	19.493	ug/l 99
28) Bromochloromethane	7.14	49	21534	19.336	ug/l 98
29) Tetrahydrofuran	7.16	42	58165	93.029	ug/l 99
30) Chloroform	7.33	83	44543	18.707	ug/l 99
31) Cyclohexane	7.61	56	41116	18.019	ug/l 97
32) 1,1,1-Trichloroethane	7.53	97	38546	18.590	ug/l 97
36) 1,1-Dichloropropene	7.75	75	32811	19.179	ug/l 99
37) Ethyl Acetate	6.87	43	37013	18.455	ug/l 99
38) Carbon Tetrachloride	7.73	117	27689	19.215	ug/l 100

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 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 Client Sampled :
 VN0429WBSD01

Manual Integrations
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Quant Time: Apr 29 15:29:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 29 08:14:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	36220	18.878	ug/l	99
40) Benzene	8.00	78	96797	18.991	ug/l	99
41) Methacrylonitrile	7.12	41	18003	21.619	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	38519	19.949	ug/l	100
43) Isopropyl Acetate	8.12	43	63101	18.958	ug/l	99
44) Trichloroethene	8.80	130	25364	18.409	ug/l	98
45) 1,2-Dichloropropane	9.08	63	25978	19.078	ug/l	98
46) Dibromomethane	9.17	93	16904	20.050	ug/l	98
47) Bromodichloromethane	9.36	83	35352	19.535	ug/l	99
48) Methyl methacrylate	9.16	41	28128	18.727	ug/l	96
49) 1,4-Dioxane	9.16	88	7129	418.131	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	186342	95.110	ug/l	99
52) Toluene	10.12	92	58733	19.131	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	39805	19.521	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	41750	19.367	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	23450	19.150	ug/l	98
56) Ethyl methacrylate	10.40	69	35022	18.245	ug/l	96
57) 1,3-Dichloropropane	10.68	76	41791	19.416	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	94723	95.565	ug/l	99
59) 2-Hexanone	10.72	43	134583	94.419	ug/l	99
60) Dibromochloromethane	10.87	129	24748	19.297	ug/l	99
61) 1,2-Dibromoethane	10.98	107	23792	19.385	ug/l	98
64) Tetrachloroethene	10.60	164	26659	19.228	ug/l	98
65) Chlorobenzene	11.40	112	60715	19.120	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	21872	19.244	ug/l	99
67) Ethyl Benzene	11.48	91	112956	19.002	ug/l	99
68) m/p-Xylenes	11.59	106	82382	37.861	ug/l	99
69) o-Xylene	11.92	106	38747	18.539	ug/l	98
70) Styrene	11.94	104	65226	18.646	ug/l	99
71) Bromoform	12.10	173	16344	19.567	ug/l #	100
73) Isopropylbenzene	12.22	105	106195	18.911	ug/l	98
74) N-amyl acetate	12.04	43	53642	18.864	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	33365	19.055	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	33537m	20.825	ug/l	
77) Bromobenzene	12.50	156	25020	19.301	ug/l	100
78) n-propylbenzene	12.56	91	128363	19.272	ug/l	100
79) 2-Chlorotoluene	12.65	91	74943	19.143	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	90239	19.416	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	12275	19.356	ug/l	99
82) 4-Chlorotoluene	12.75	91	79625	19.297	ug/l	98
83) tert-Butylbenzene	12.97	119	75224	19.194	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	90420	18.883	ug/l	99
85) sec-Butylbenzene	13.15	105	102589	19.200	ug/l	100
86) p-Isopropyltoluene	13.26	119	92796	19.276	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	45662	19.134	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	46543	19.088	ug/l	99
89) n-Butylbenzene	13.59	91	85588	19.393	ug/l	99
90) Hexachloroethane	13.85	117	8574	22.097	ug/l	98
91) 1,2-Dichlorobenzene	13.62	146	44188	19.311	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	7080	19.145	ug/l	98

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Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0429WBSD01

Manual Integrations
APPROVED

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Quant Time: Apr 29 15:29:51 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 29 08:14:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	26504	19.021	ug/l	99
94) Hexachlorobutadiene	14.98	225	11565	19.867	ug/l	99
95) Naphthalene	15.10	128	82584	18.199	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	26156	19.013	ug/l	99

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

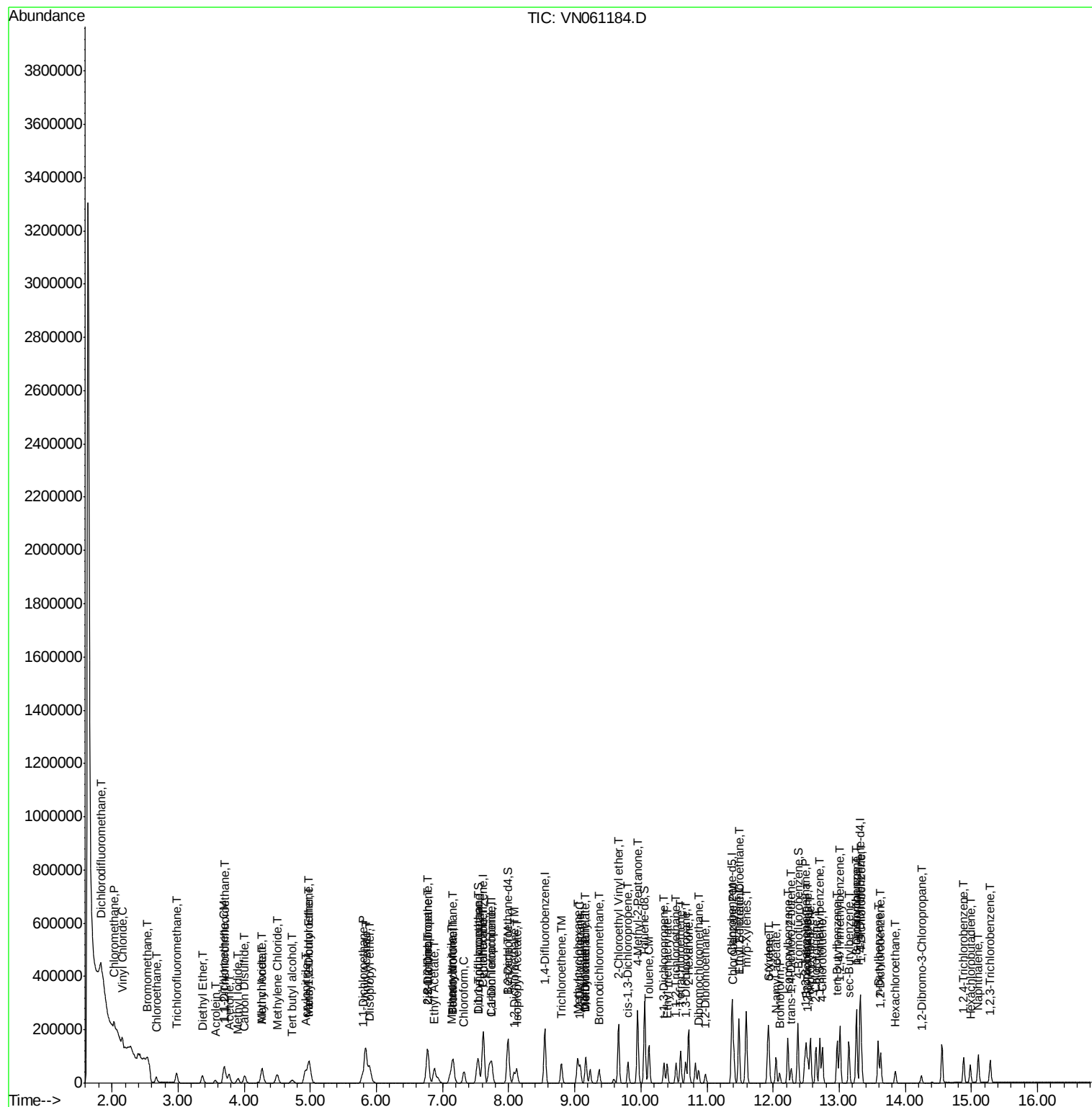
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 Data File : VN061184.D
 Acq On : 29 Apr 2020 11:55
 Operator : JC/MD
 Sample : VN0429WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

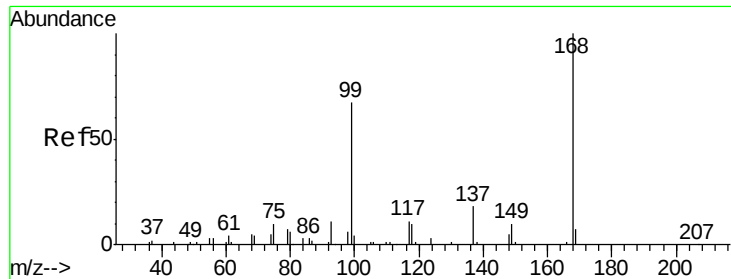
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0429WBSD01

Manual Integrations
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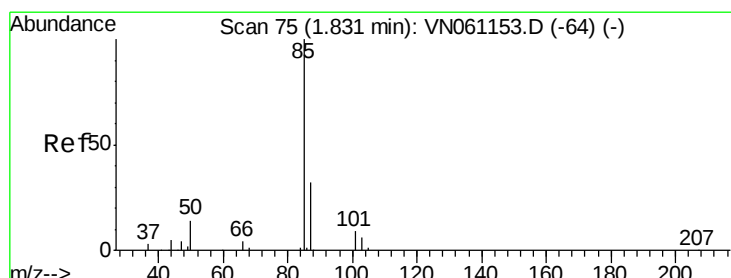
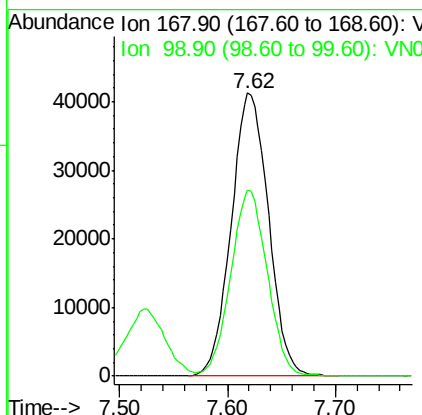
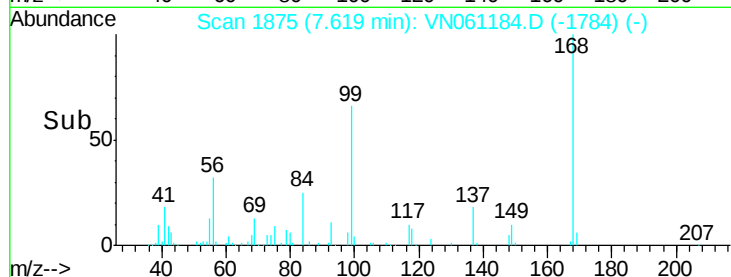
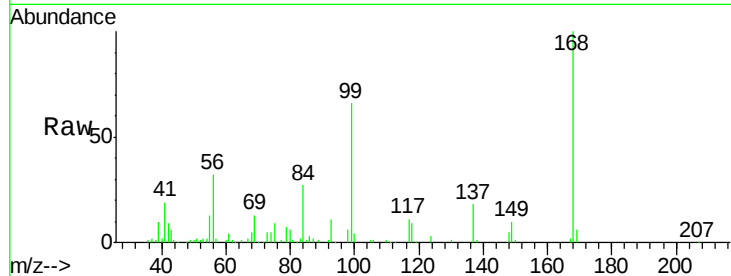
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.62 min Scan# 1875
Delta R.T. -0.01 min
Lab File: VN061184.D
Acq: 29 Apr 2020 11:55

Instrument :
MSVOA_N
ClientSampleId :
VN0429WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
168	100	99131		
99	65.7	51.2	76.8	

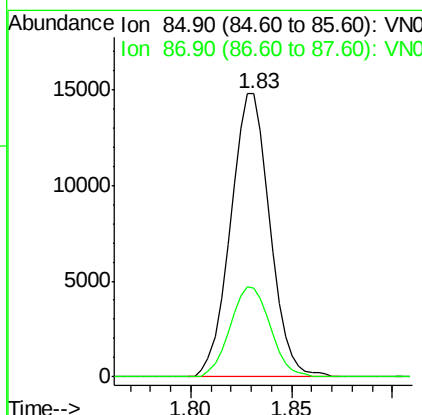
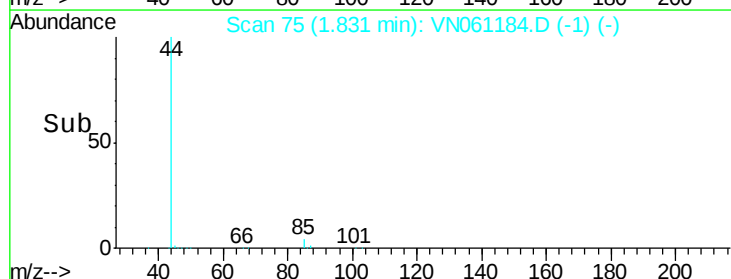
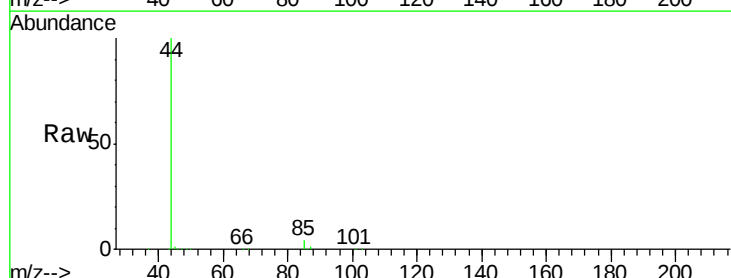
Manual Integrations
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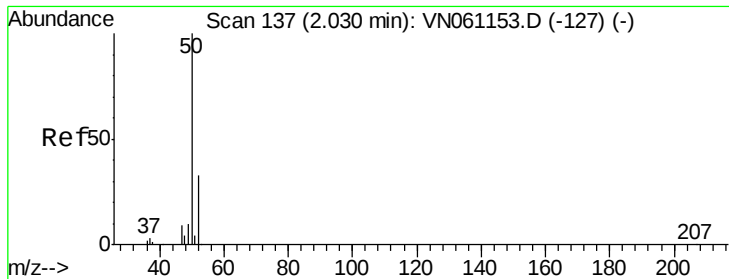
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#2
Dichlorodifluoromethane
Concen: 19.168 ug/l
RT: 1.83 min Scan# 75
Delta R.T. 0.00 min
Lab File: VN061184.D
Acq: 29 Apr 2020 11:55

Tgt Ion	Ratio	Resp	Lower	Upper
85	100	20149		
87	31.5	16.1	48.2	





#3

Chloromethane

Concen: 18.396 ug/l

RT: 2.03 min Scan# 137

Delta R.T. 0.00 min

Lab File: VN061184.D

Acq: 29 Apr 2020 11:55

Tot Ion: 50 Resp: 23421

Ion Ratio Lower Upper

50 100

52 33.9 26.0 39.0

Instrument :

MSVOA_N

ClientSampleId :

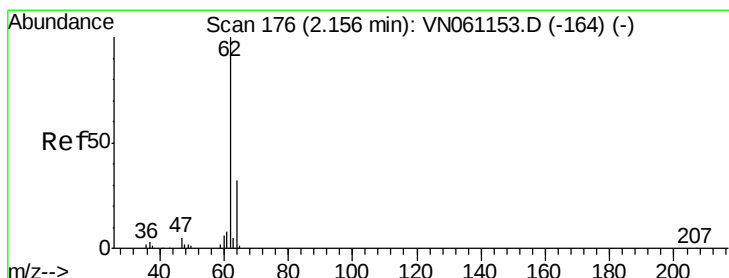
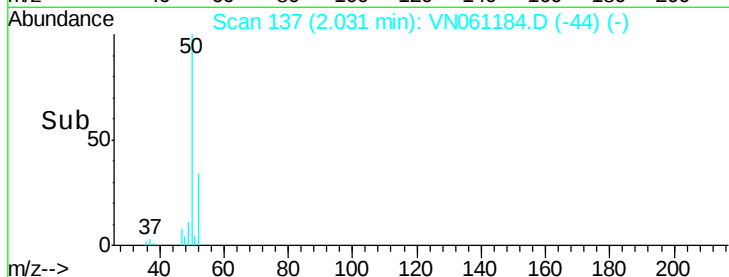
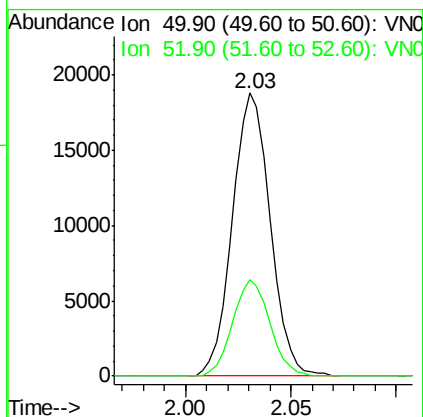
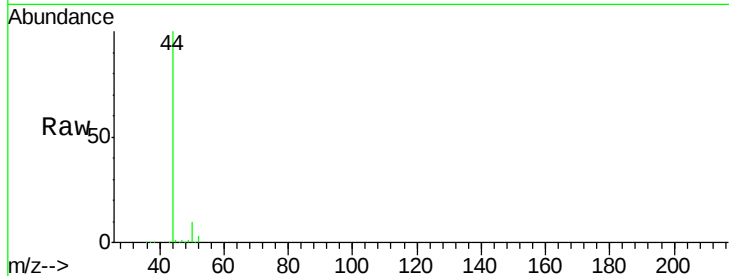
VN0429WBSD01

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.553 ug/l

RT: 2.16 min Scan# 176

Delta R.T. 0.00 min

Lab File: VN061184.D

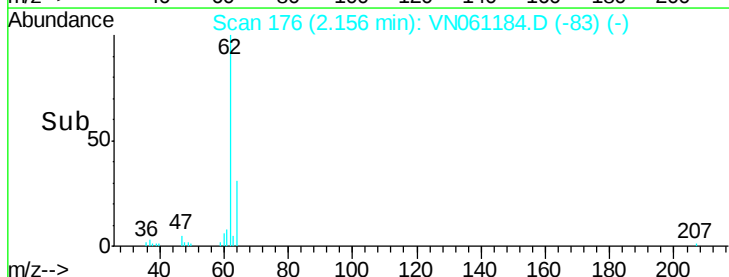
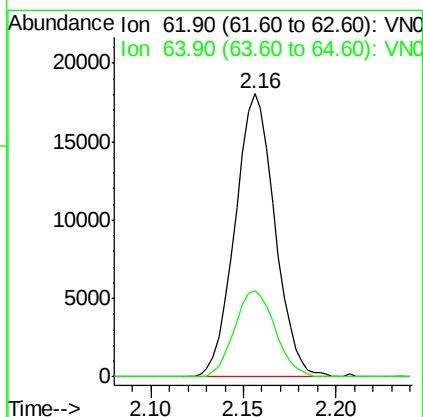
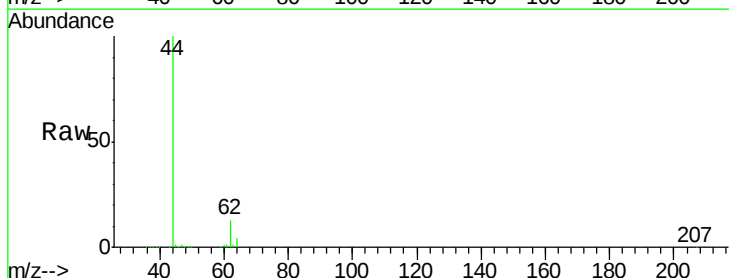
Acq: 29 Apr 2020 11:55

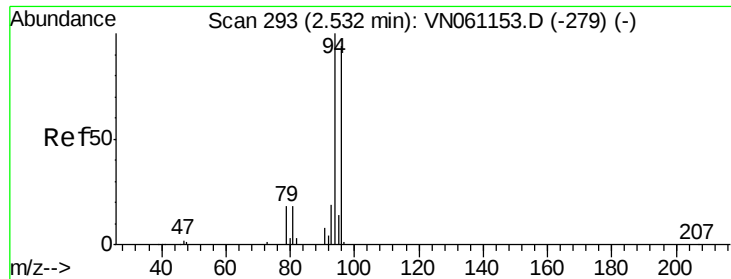
Tgt Ion: 62 Resp: 26828

Ion Ratio Lower Upper

62 100

64 30.7 25.2 37.8





#5

Bromomethane

Concen: 18.674 ug/l

RT: 2.54 min Scan# 295

Delta R.T. 0.01 min

Lab File: VN061184.D

Acq: 29 Apr 2020 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN0429WBSD01

Tot Ion: 94 Resp: 13348

Ion Ratio Lower Upper

94 100

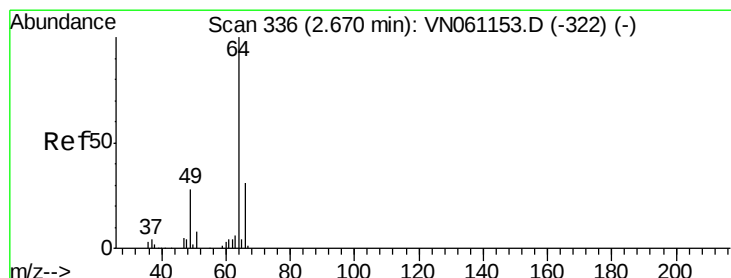
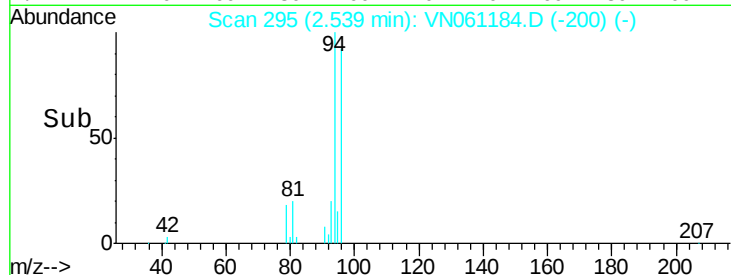
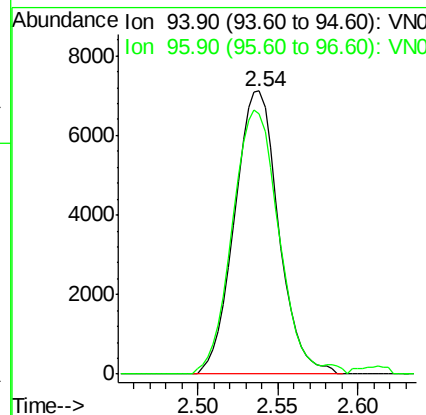
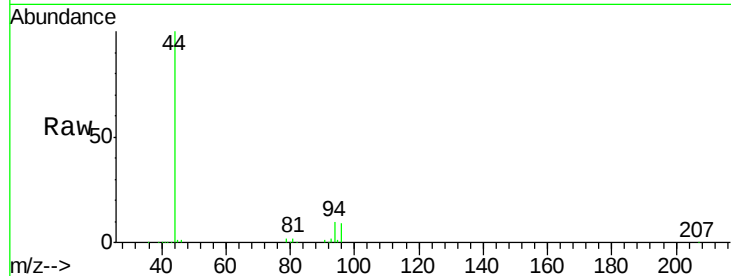
96 92.1 75.1 112.7

Manual Integrations

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#6

Chloroethane

Concen: 18.810 ug/l

RT: 2.67 min Scan# 336

Delta R.T. 0.00 min

Lab File: VN061184.D

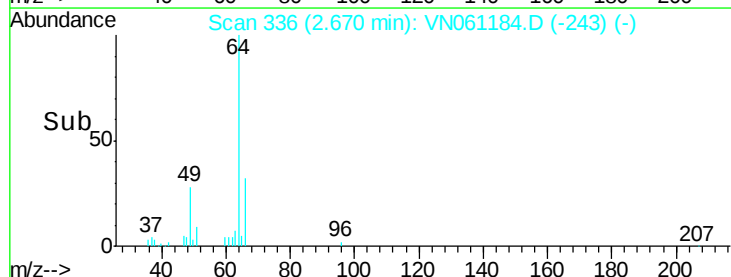
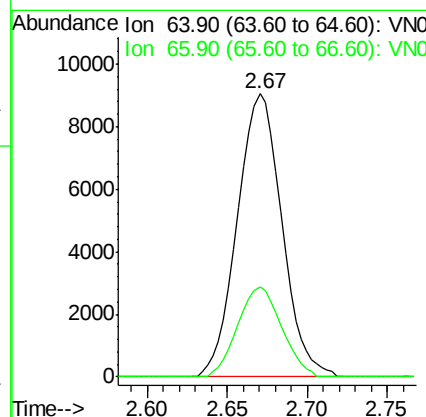
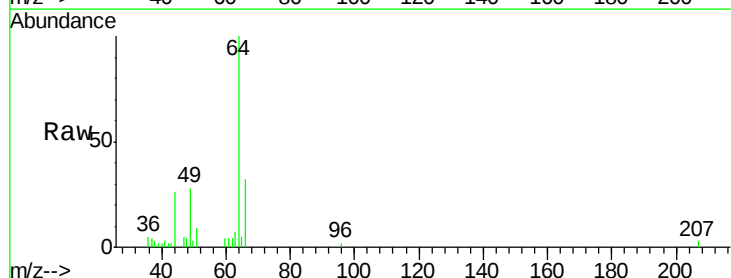
Acq: 29 Apr 2020 11:55

Tgt Ion: 64 Resp: 17240

Ion Ratio Lower Upper

64 100

66 31.6 24.6 36.8





#7

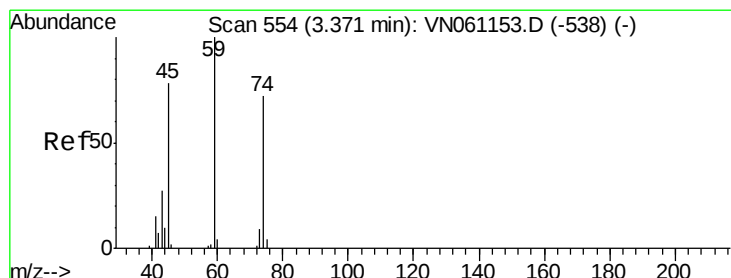
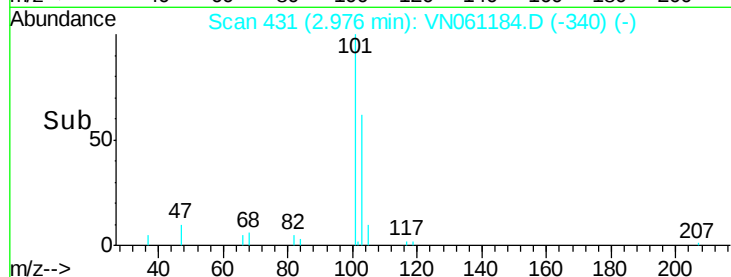
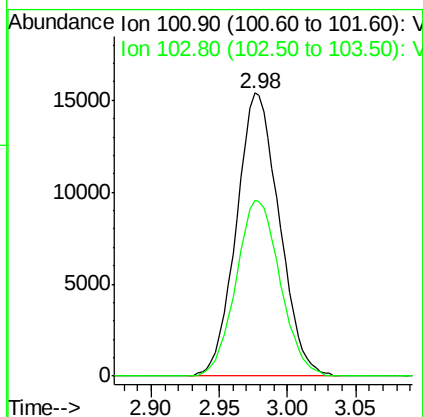
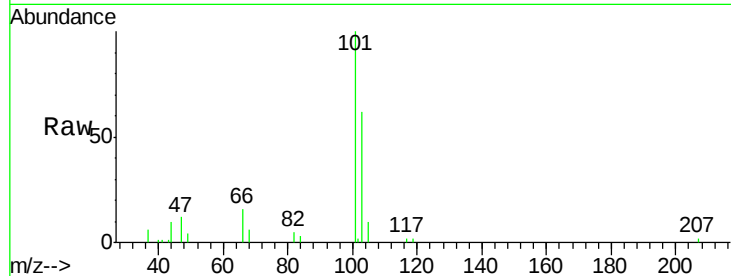
Trichlorofluoromethane
 Concen: 20.579 ug/l
 RT: 2.98 min Scan# 431
 Delta R.T. -0.01 min
 Lab File: VN061184.D
 Acq: 29 Apr 2020 11:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0429WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.2	50.6	76.0

Manual Integrations
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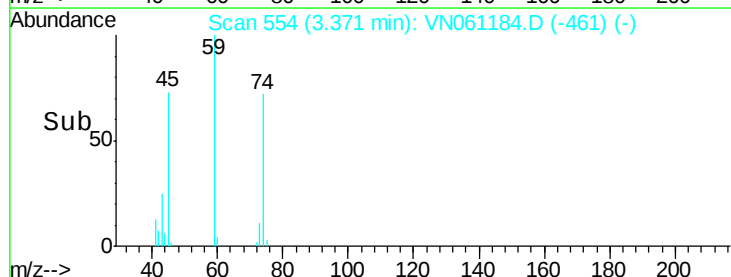
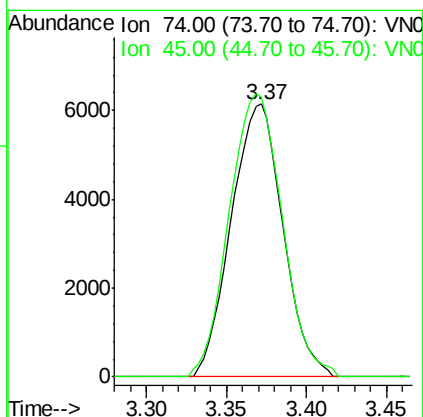
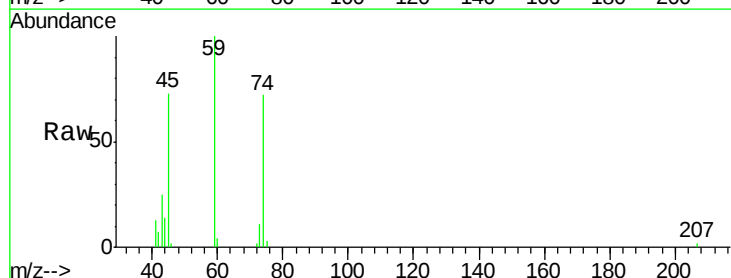
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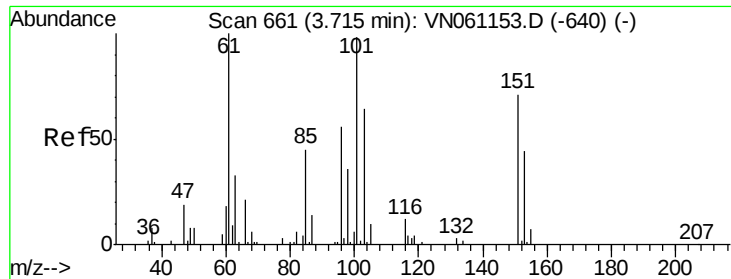


#8

Diethyl Ether
 Concen: 19.953 ug/l
 RT: 3.37 min Scan# 554
 Delta R.T. 0.00 min
 Lab File: VN061184.D
 Acq: 29 Apr 2020 11:55

Tgt Ion	Ratio	Lower	Upper
74	100		
45	106.6	53.3	160.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.326 ug/l

RT: 3.71 min Scan# 660

Delta R.T. -0.00 min

Lab File: VN061184.D

Acq: 29 Apr 2020 11:55

Instrument :

MSVOA_N

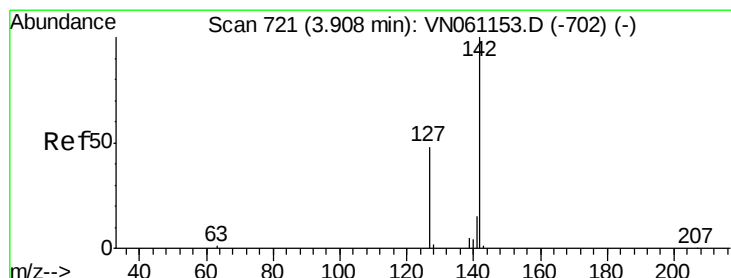
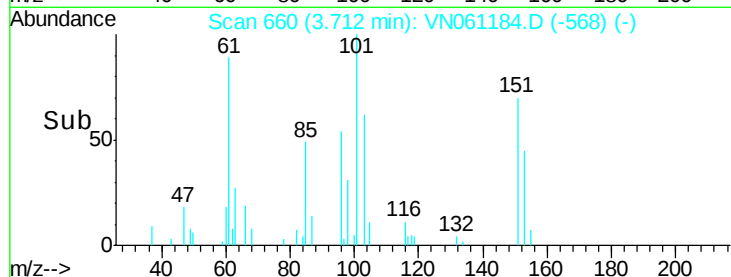
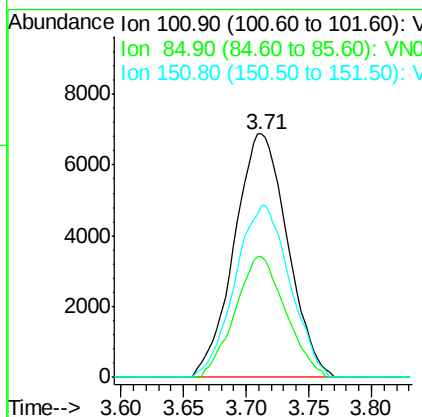
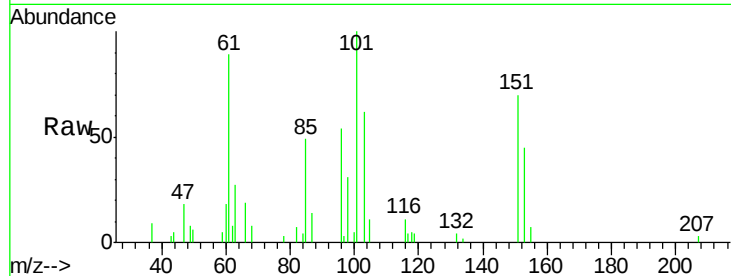
ClientSampled :

VN0429WBSD01

Tot Ion:	101	Resp:	20312
Ion Ratio	Lower	Upper	
101	100		
85	47.0	37.2	55.8
151	72.6	57.7	86.5

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#10

Methyl Iodide

Concen: 18.323 ug/l

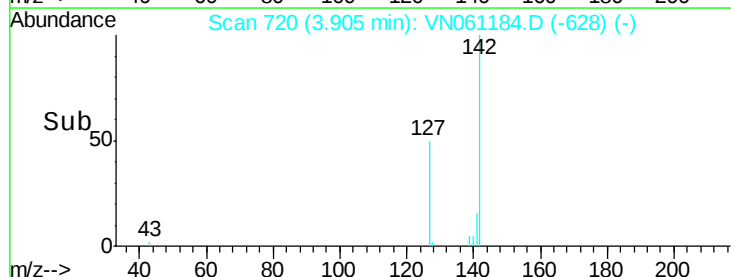
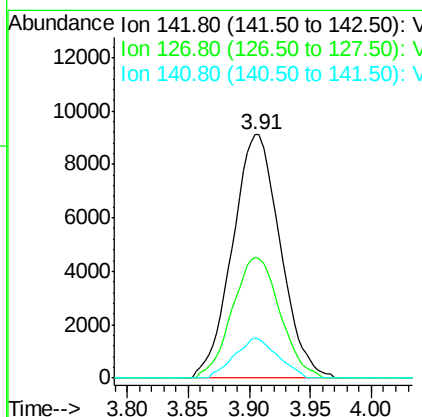
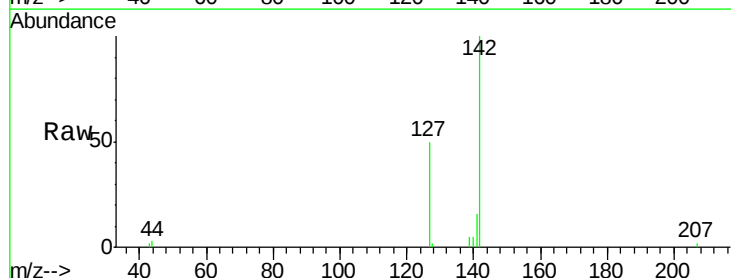
RT: 3.91 min Scan# 720

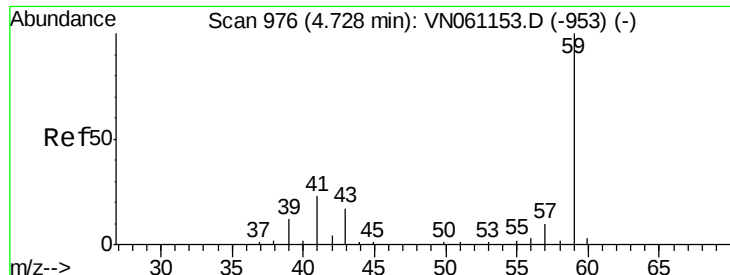
Delta R.T. -0.00 min

Lab File: VN061184.D

Acq: 29 Apr 2020 11:55

Tgt Ion:	142	Resp:	24750
Ion Ratio	Lower	Upper	
142	100		
127	49.5	38.0	57.0
141	14.8	11.7	17.5





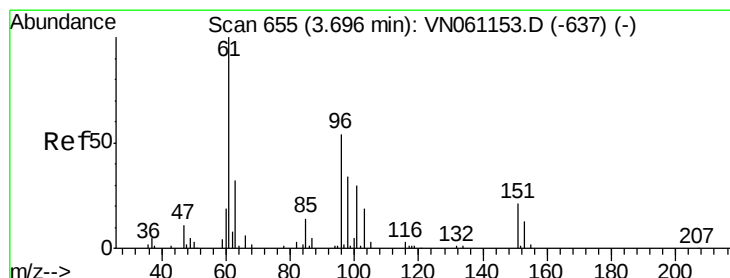
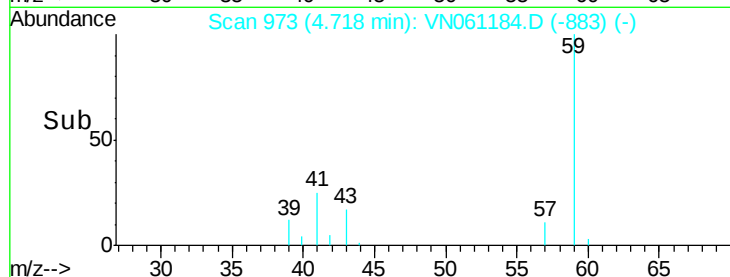
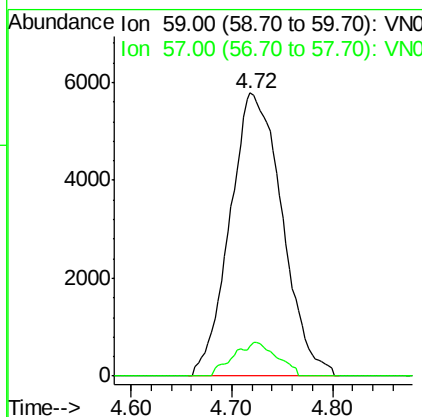
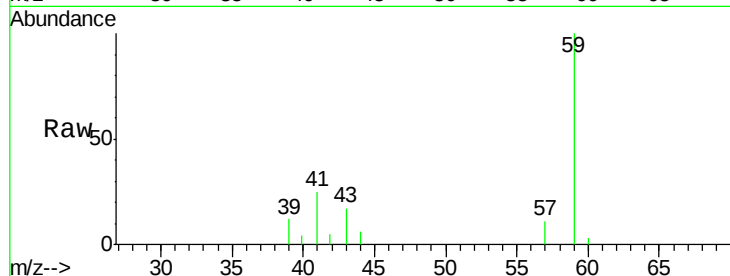
#11
Tert butyl alcohol
Concen: 99.005 ug/l
RT: 4.72 min Scan# 973
Delta R.T. -0.01 min
Lab File: VN061184.D
Acq: 29 Apr 2020 11:55

Instrument :
MSVOA_N
ClientSampleId :
VN0429WBSD01

Tot Ion: 59 Resp: 20803
Ion Ratio Lower Upper
59 100
57 10.0 8.3 12.5

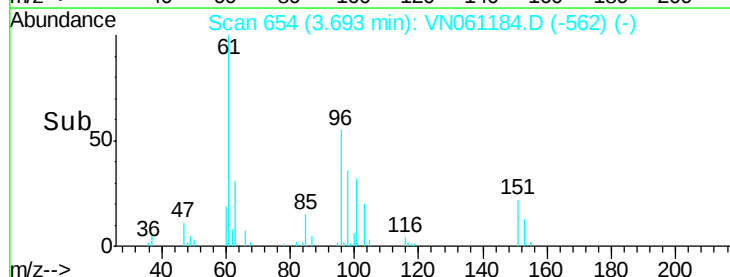
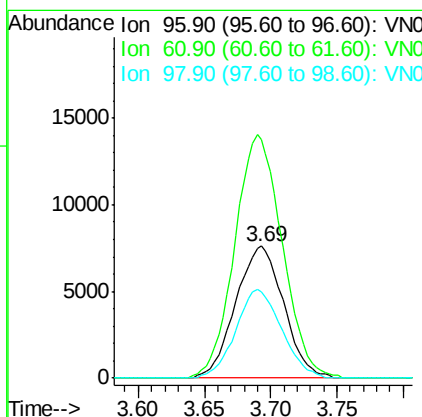
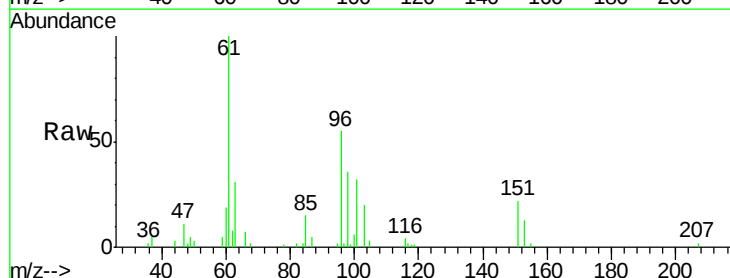
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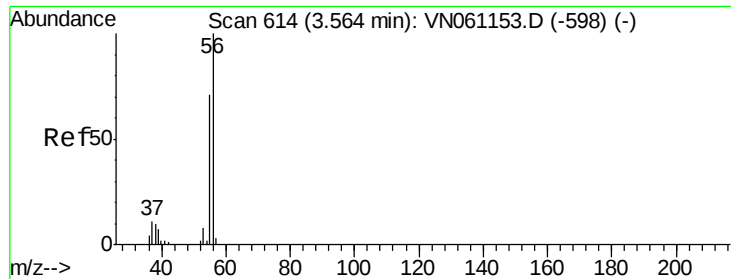
MMDadoda
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#12
1,1-Dichloroethene
Concen: 18.307 ug/l
RT: 3.69 min Scan# 654
Delta R.T. -0.00 min
Lab File: VN061184.D
Acq: 29 Apr 2020 11:55

Tgt Ion: 96 Resp: 19148
Ion Ratio Lower Upper
96 100
61 181.2 147.0 220.6
98 65.3 49.8 74.6





#13

Acrolein

Concen: 74.494 ug/l

RT: 3.56 min Scan# 612

Delta R.T. -0.01 min

Lab File: VN061184.D

Acq: 29 Apr 2020 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN0429WBSD01

Tot Ion: 56 Resp: 10431

Ion Ratio Lower Upper

56 100

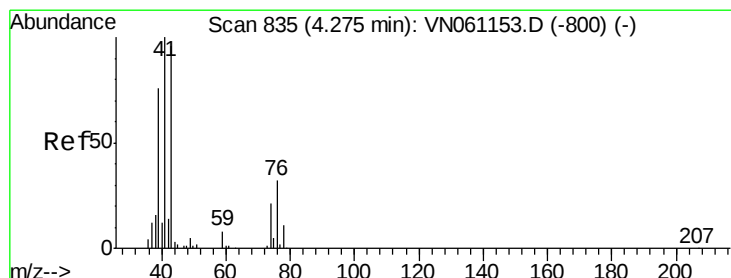
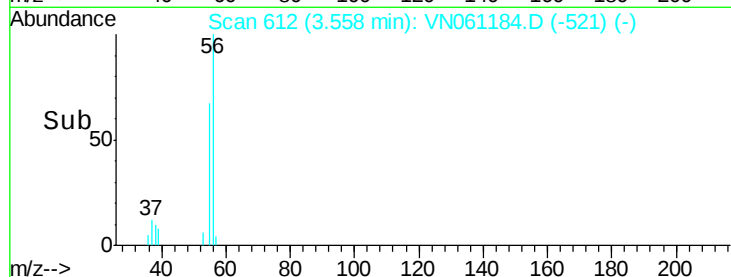
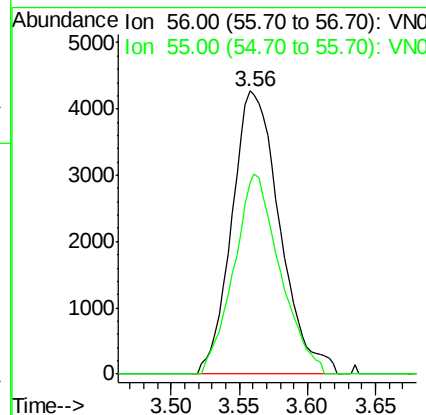
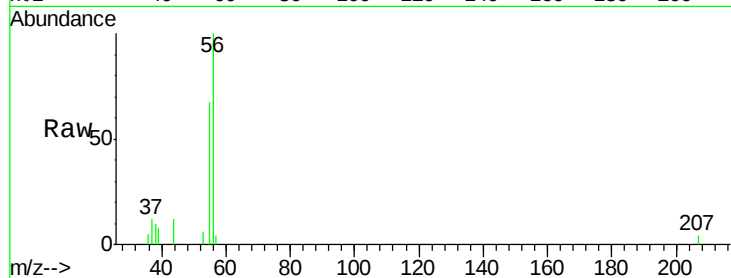
55 67.8 58.5 87.7

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#14

Allyl chloride

Concen: 20.567 ug/l

RT: 4.27 min Scan# 833

Delta R.T. -0.01 min

Lab File: VN061184.D

Acq: 29 Apr 2020 11:55

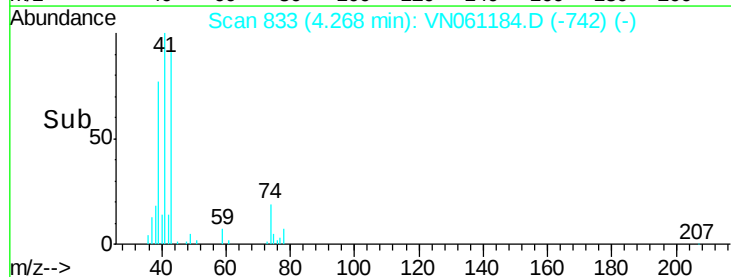
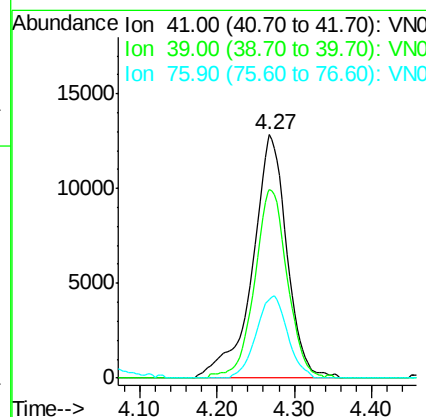
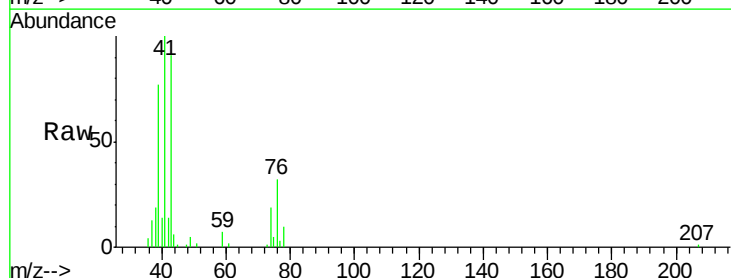
Tgt Ion: 41 Resp: 39885

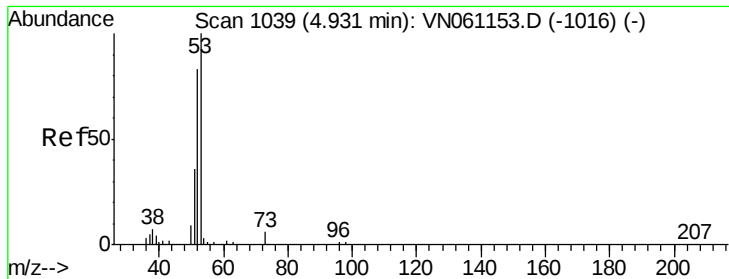
Ion Ratio Lower Upper

41 100

39 73.7 57.1 85.7

76 30.7 24.3 36.5





#15

Acrylonitrile

Concen: 94.737 ug/l

RT: 4.92 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VN061184.D

Acq: 29 Apr 2020 11:55

Instrument :

MSVOA_N

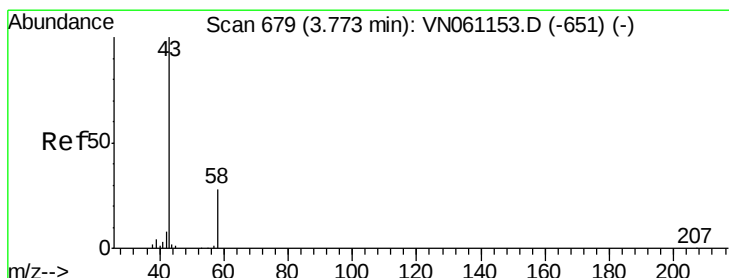
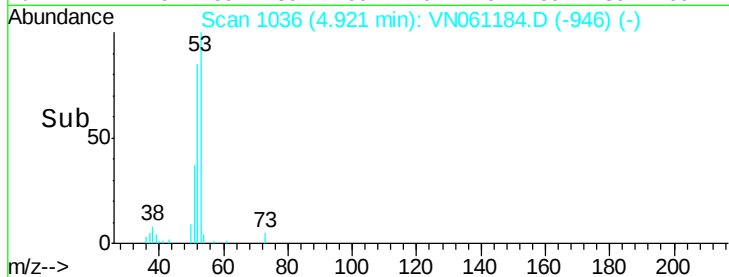
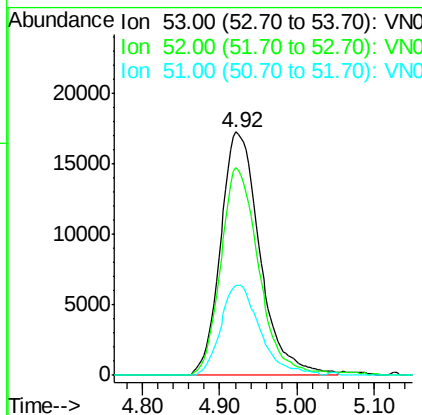
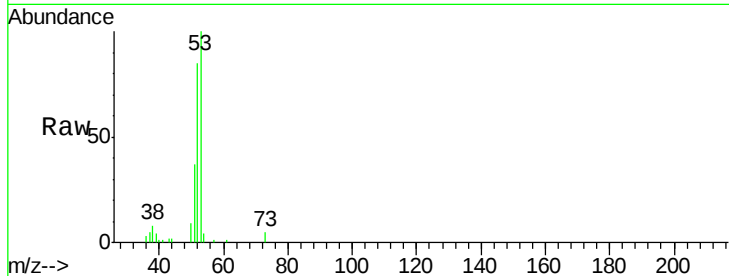
ClientSampleId :

VN0429WBSD01

Tot Ion:	53	Resp:	61107
Ion Ratio	Lower	Upper	
53	100		
52	82.6	65.4	98.0
51	36.1	29.5	44.3

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#16

Acetone

Concen: 89.560 ug/l

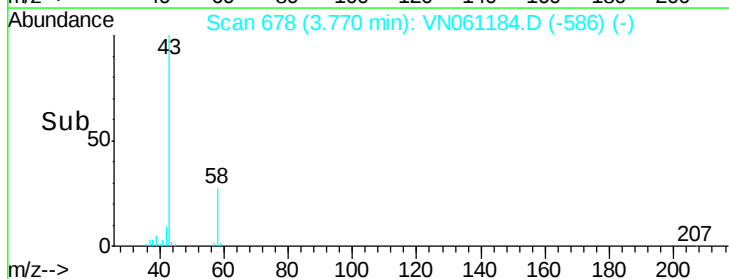
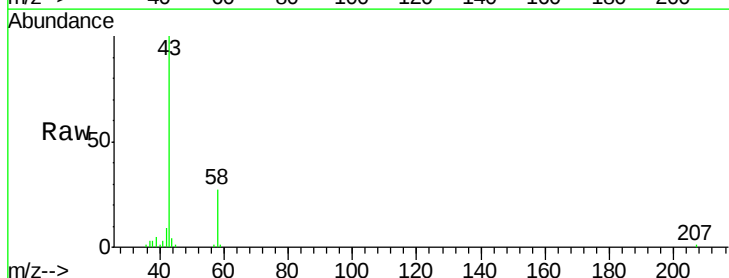
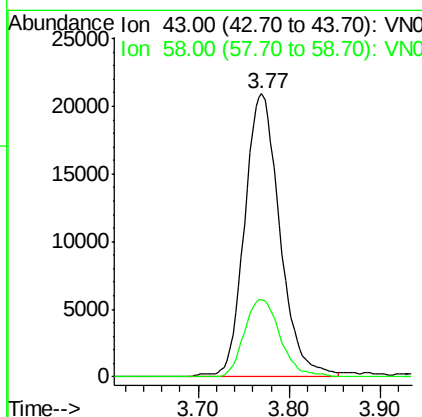
RT: 3.77 min Scan# 678

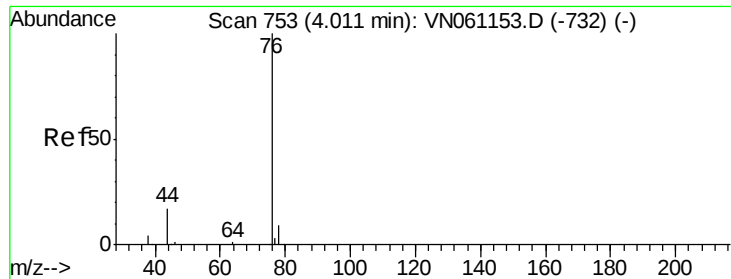
Delta R.T. -0.00 min

Lab File: VN061184.D

Acq: 29 Apr 2020 11:55

Tgt Ion:	43	Resp:	56481
Ion Ratio	Lower	Upper	
43	100		
58	27.5	22.2	33.2





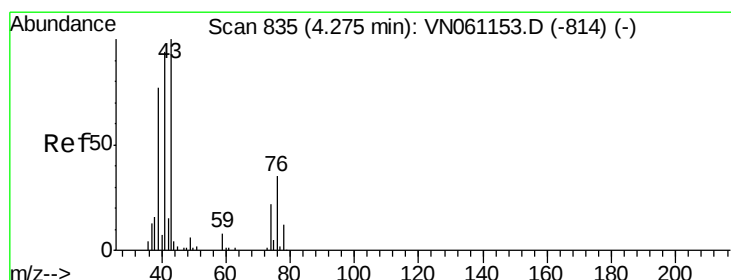
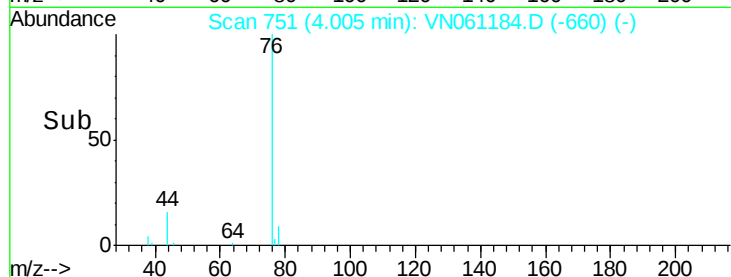
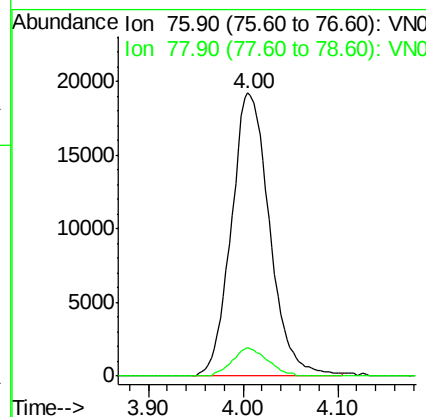
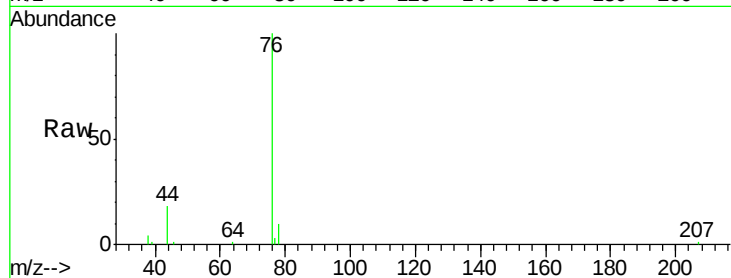
#17
Carbon Disulfide
Concen: 18.685 ug/l
RT: 4.00 min Scan# 751
Delta R.T. -0.01 min
Lab File: VN061184.D
Acq: 29 Apr 2020 11:55

Instrument :
MSVOA_N
ClientSampleId :
VN0429WBSD01

Tot Ion: 76 Resp: 53983
Ion Ratio Lower Upper
76 100
78 9.9 7.2 10.8

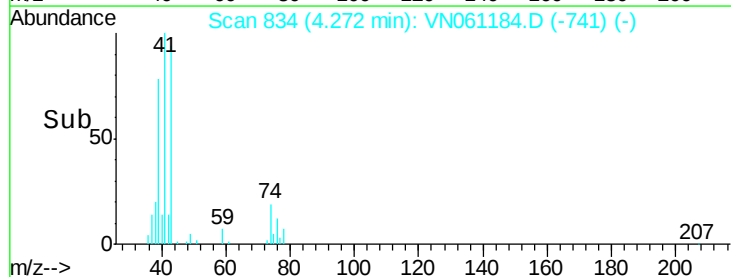
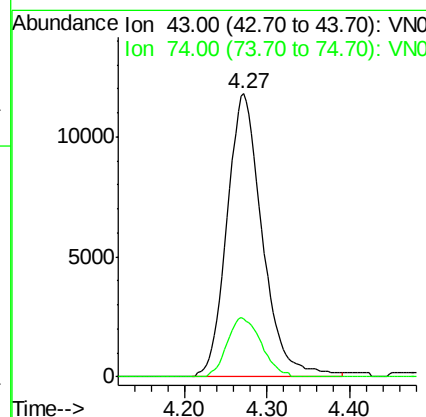
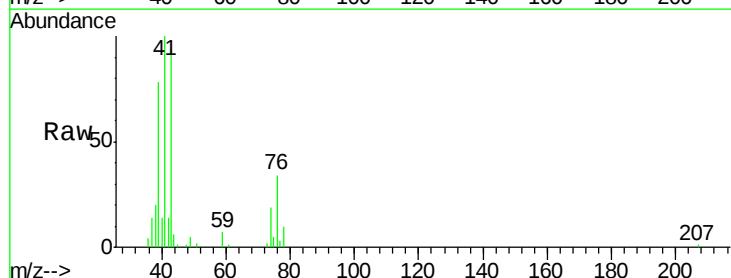
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#18
Methyl Acetate
Concen: 18.124 ug/l
RT: 4.27 min Scan# 834
Delta R.T. -0.00 min
Lab File: VN061184.D
Acq: 29 Apr 2020 11:55

Tgt Ion: 43 Resp: 35017
Ion Ratio Lower Upper
43 100
74 20.1 17.0 25.4





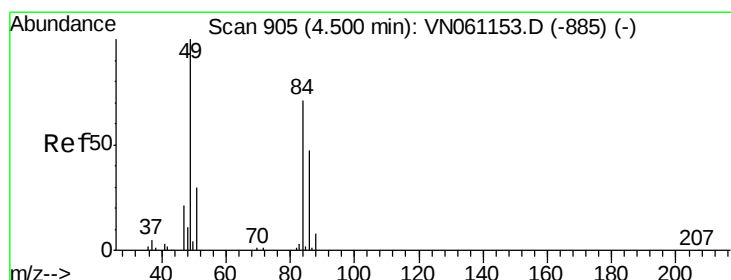
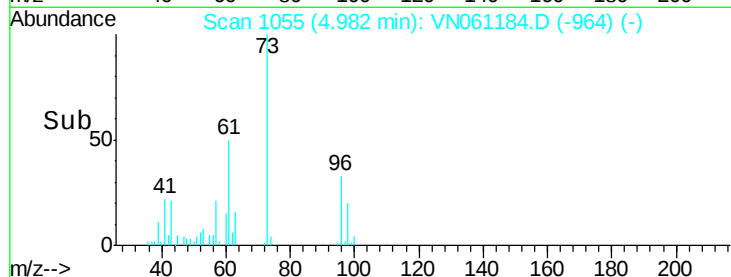
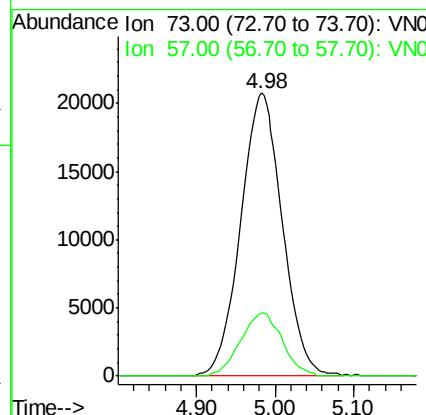
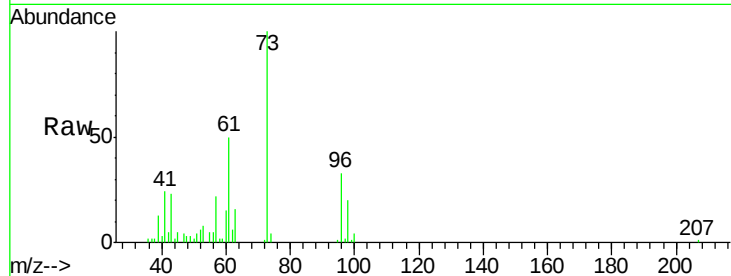
#19
Methvl tert-butvl Ether
Concen: 19.286 ug/l
RT: 4.98 min Scan# 1055
Delta R.T. -0.01 min
Lab File: VN061184.D
Acq: 29 Apr 2020 11:55

Instrument :
MSVOA_N
ClientSampleId :
VN0429WBSD01

Tot Ion: 73 Resp: 77076
Ion Ratio Lower Upper
73 100
57 22.3 18.3 27.5

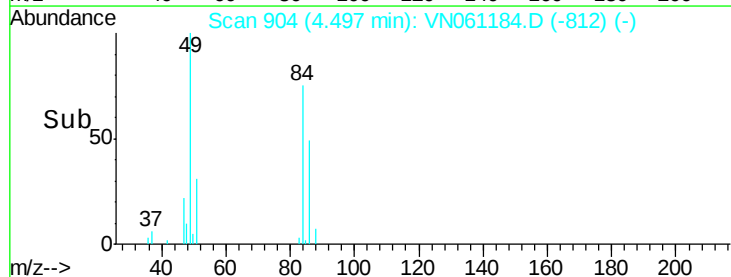
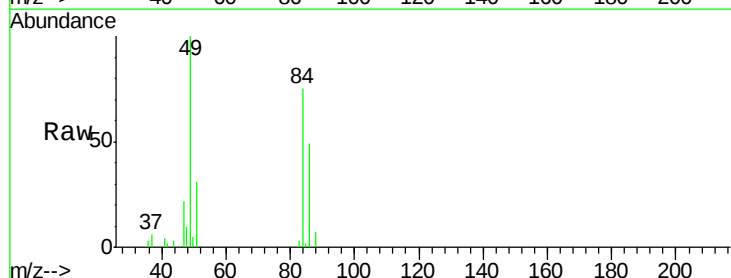
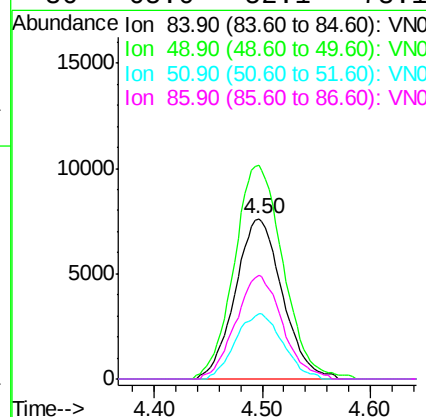
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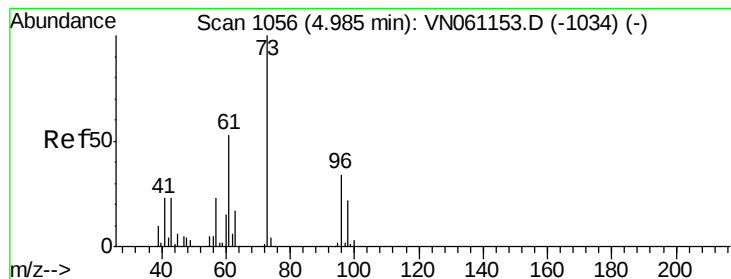
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#20
Methylene Chloride
Concen: 18.900 ug/l
RT: 4.50 min Scan# 904
Delta R.T. -0.00 min
Lab File: VN061184.D
Acq: 29 Apr 2020 11:55

Tgt Ion: 84 Resp: 23117
Ion Ratio Lower Upper
84 100
49 133.0 112.0 168.0
51 40.9 33.6 50.4
86 65.0 52.1 78.1





#21

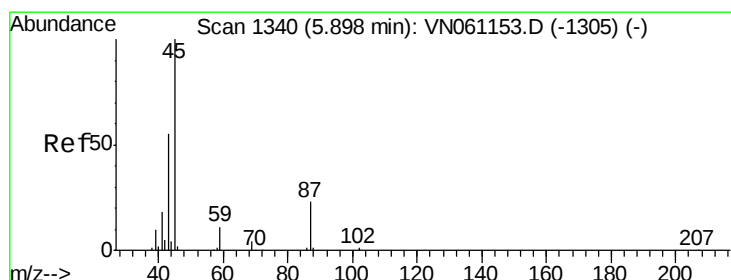
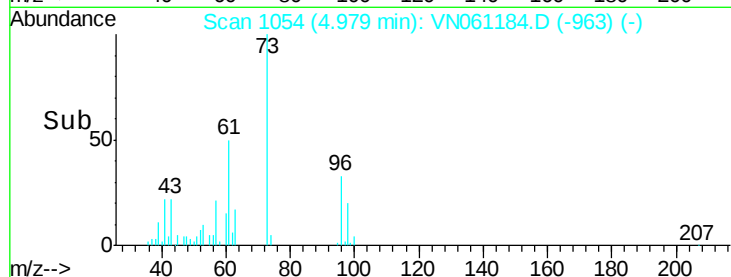
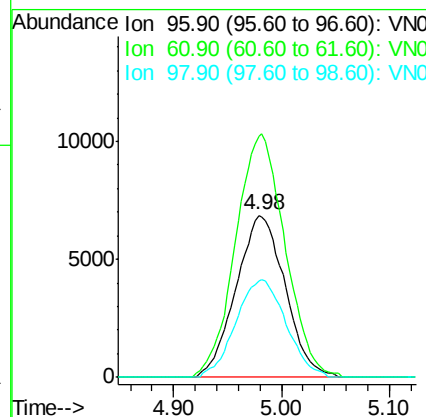
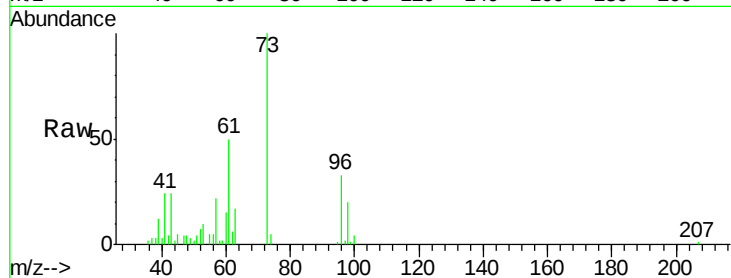
trans-1,2-Dichloroethene
Concen: 19.054 ug/l
RT: 4.98 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VN061184.D
Acq: 29 Apr 2020 11:55

Instrument :
MSVOA_N
ClientSampled :
VN0429WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	149.1	123.0	184.4
98	59.3	50.1	75.1

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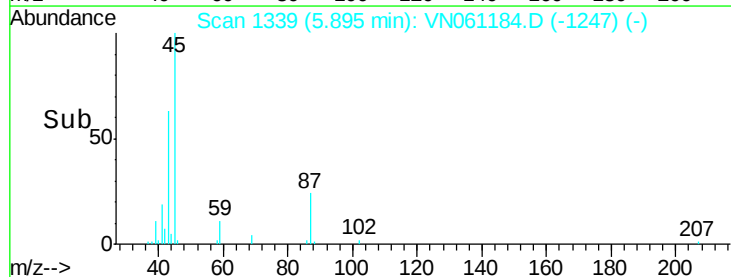
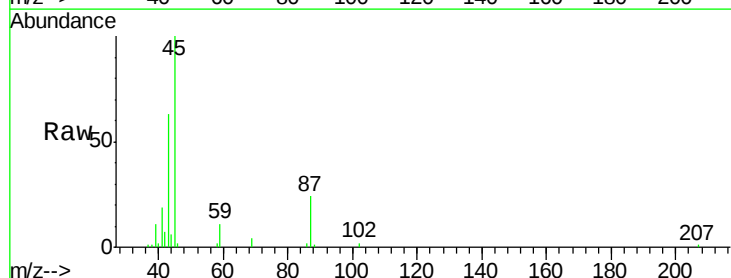
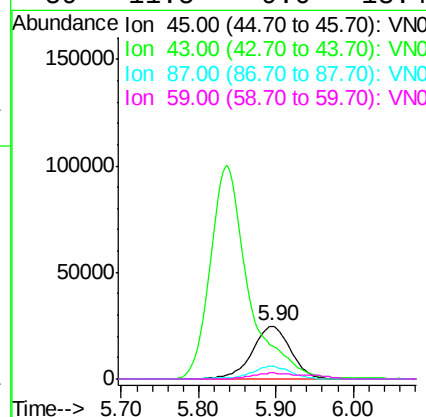
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#22

Diisopropyl ether
Concen: 19.085 ug/l
RT: 5.90 min Scan# 1339
Delta R.T. -0.00 min
Lab File: VN061184.D
Acq: 29 Apr 2020 11:55

Tgt Ion	Ratio	Lower	Upper
45	100		
43	59.9	47.9	71.9
87	24.0	19.2	28.8
59	11.5	9.0	13.4





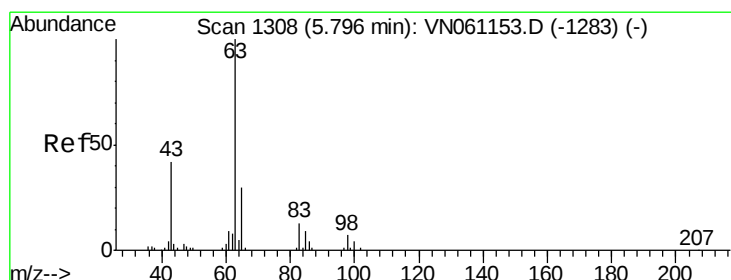
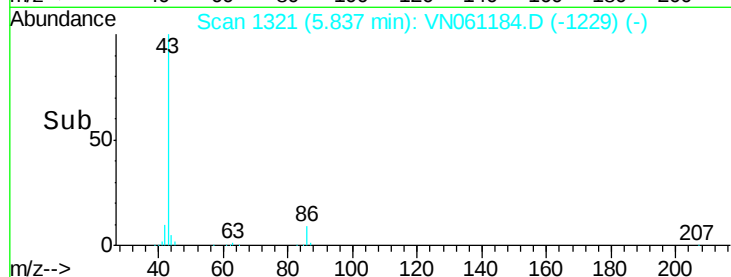
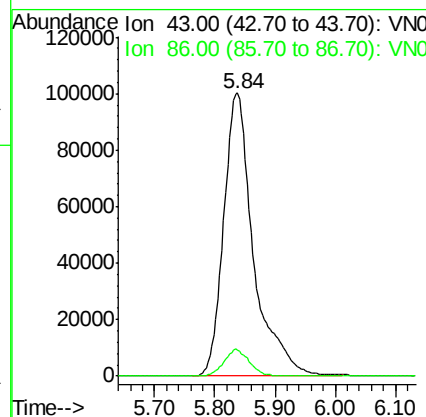
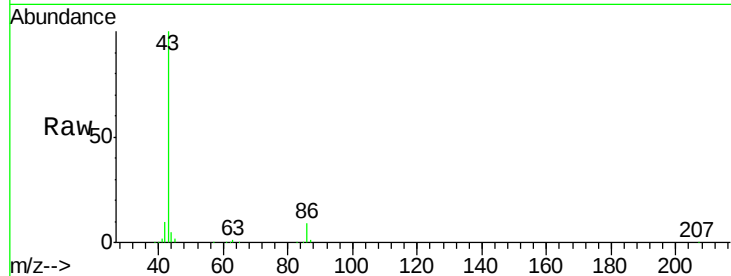
#23
 Vinyl Acetate
 Concen: 95.228 ug/l
 RT: 5.84 min Scan# 1321
 Delta R.T. -0.00 min
 Lab File: VN061184.D
 Acq: 29 Apr 2020 11:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0429WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
43	100	344817		
86	9.3		7.2	10.8

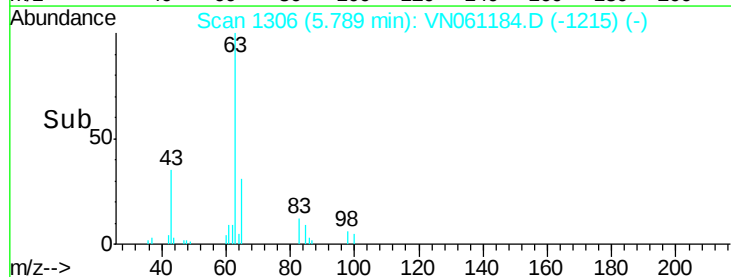
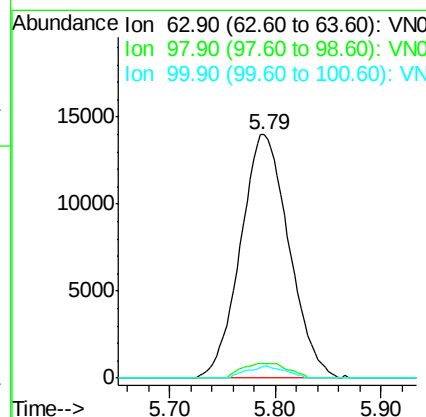
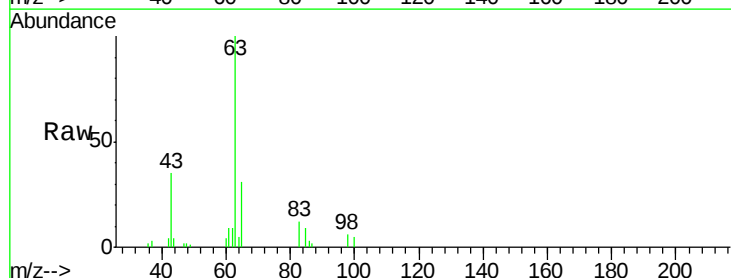
Manual Integrations
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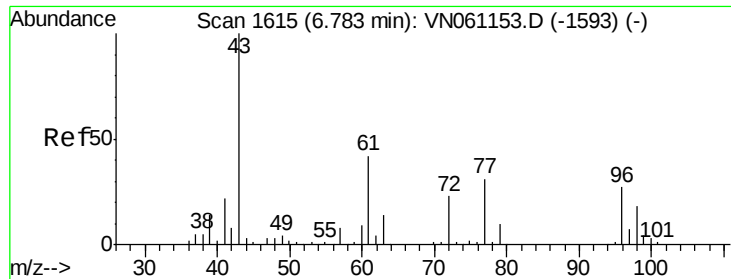
MMDadoda
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#24
 1,1-Dichloroethane
 Concen: 19.028 ug/l
 RT: 5.79 min Scan# 1306
 Delta R.T. -0.01 min
 Lab File: VN061184.D
 Acq: 29 Apr 2020 11:55

Tgt Ion	Ratio	Resp	Lower	Upper
63	100	44709		
98	5.9		3.3	9.9
100	4.8		1.9	5.7





#25

2-Butanone

Concen: 92.316 ug/l

RT: 6.78 min Scan# 1614

Delta R.T. -0.00 min

Lab File: VN061184.D

Acq: 29 Apr 2020 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN0429WBSD01

Tot Ion: 43 Resp: 85685

Ion Ratio Lower Upper

43 100

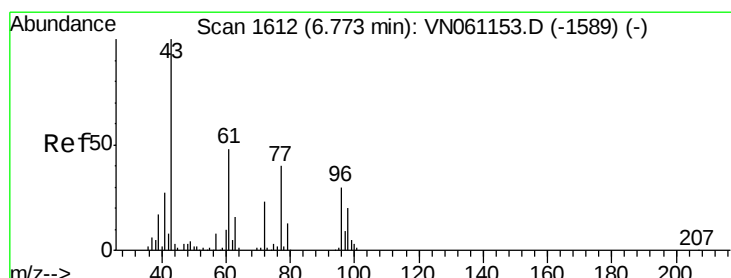
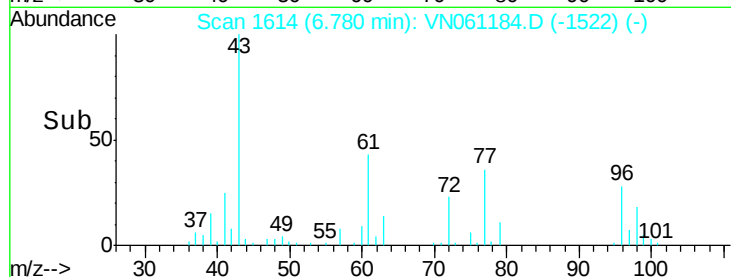
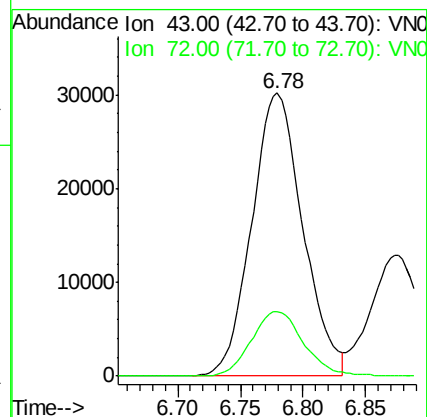
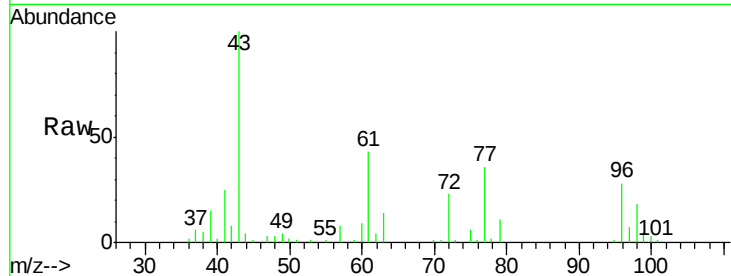
72 23.0 18.2 27.4

Manual Integrations

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4/30/2020 2:11:19 PM



#26

2,2-Dichloropropane

Concen: 19.813 ug/l

RT: 6.77 min Scan# 1611

Delta R.T. -0.00 min

Lab File: VN061184.D

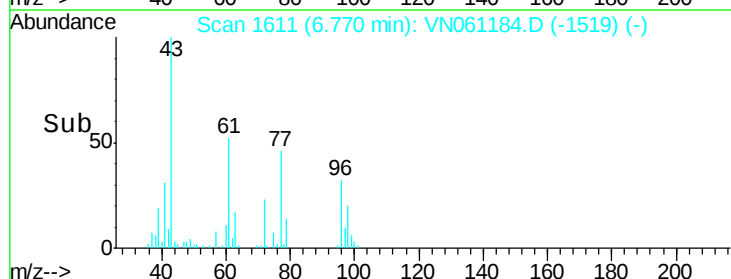
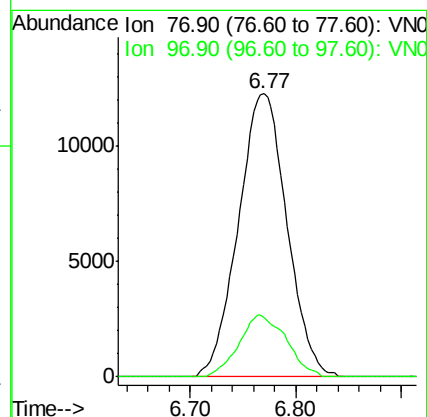
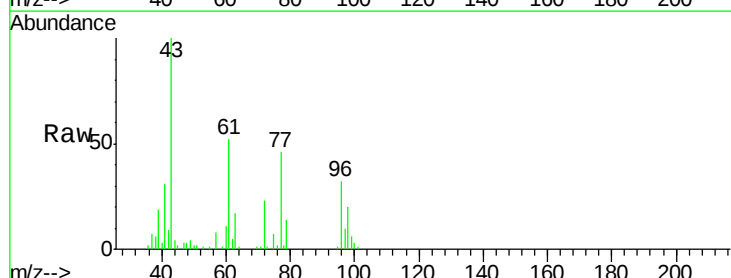
Acq: 29 Apr 2020 11:55

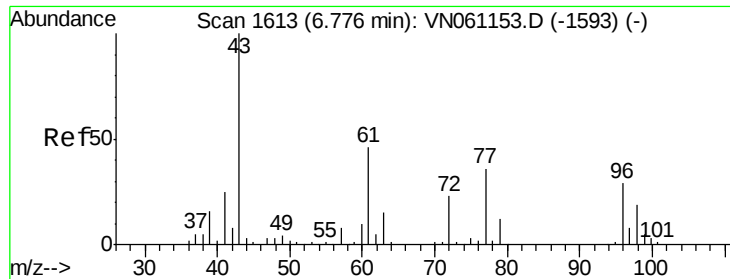
Tgt Ion: 77 Resp: 39211

Ion Ratio Lower Upper

77 100

97 21.4 10.5 31.5





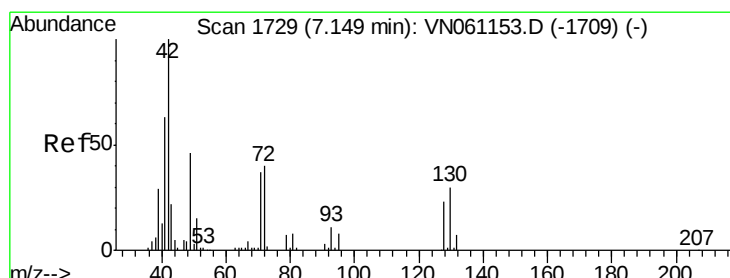
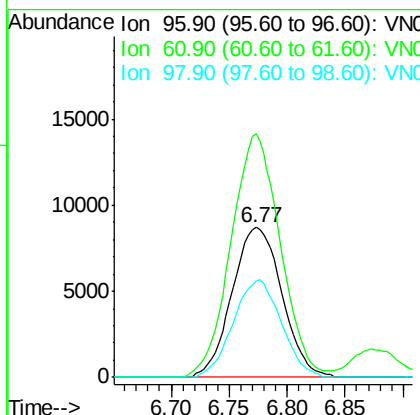
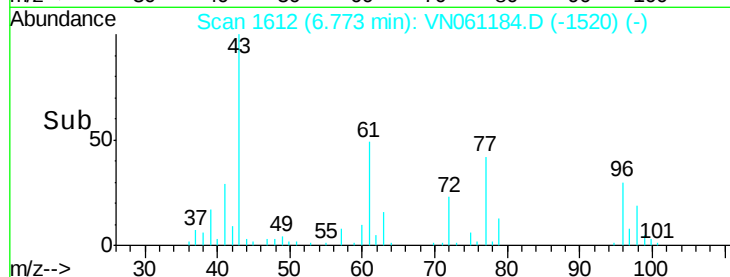
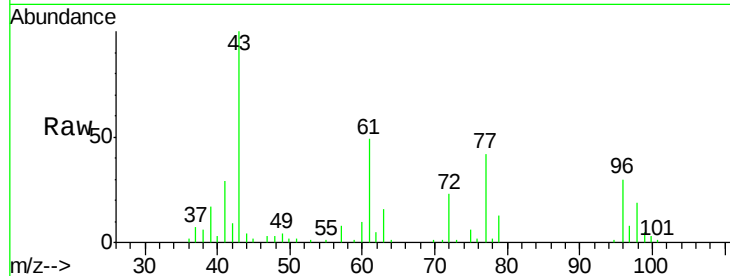
#27
 cis-1,2-Dichloroethene
 Concen: 19.493 ug/l
 RT: 6.77 min Scan# 1612
 Delta R.T. -0.00 min
 Lab File: VN061184.D
 Acq: 29 Apr 2020 11:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0429WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	160.2	0.0	322.0	
98	62.7	0.0	129.6	

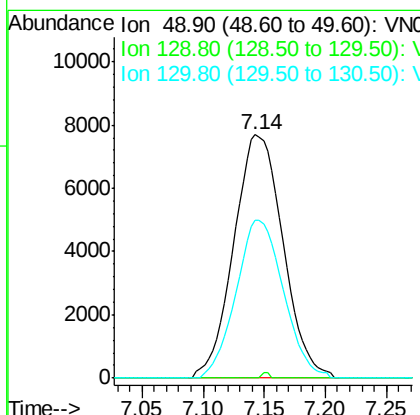
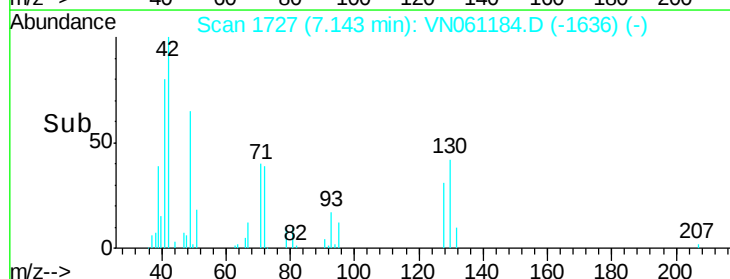
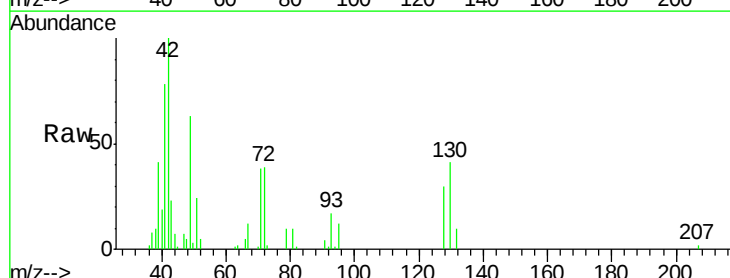
Manual Integrations
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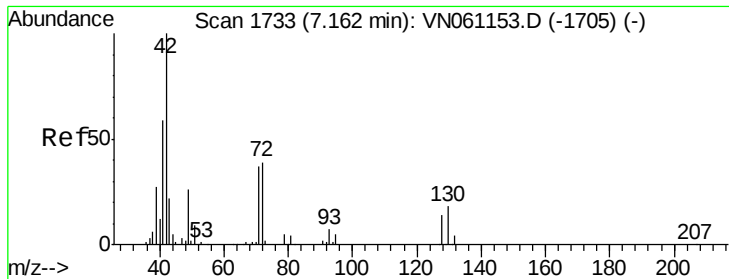
MMDadoda
 4/30/2020 2:11:19 PM



#28
 Bromochloromethane
 Concen: 19.336 ug/l
 RT: 7.14 min Scan# 1727
 Delta R.T. -0.01 min
 Lab File: VN061184.D
 Acq: 29 Apr 2020 11:55

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	0.3	0.0	3.0	
130	62.4	51.4	77.2	





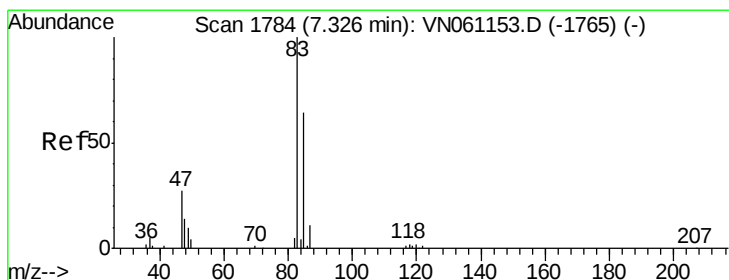
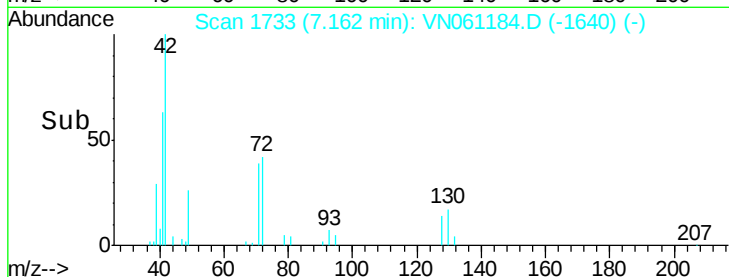
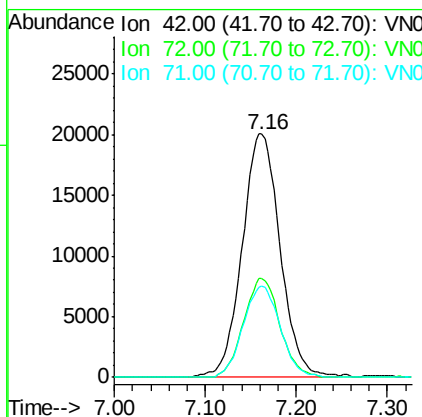
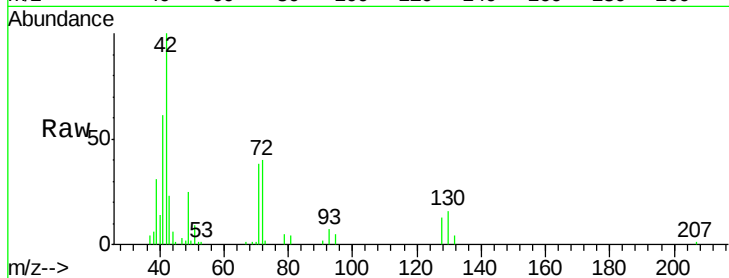
#29
Tetrahydrofuran
Concen: 93.029 ug/l
RT: 7.16 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VN061184.D
Acq: 29 Apr 2020 11:55

Instrument :
MSVOA_N
ClientSampleId :
VN0429WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	38.6	31.4	47.0
71	36.7	29.5	44.3

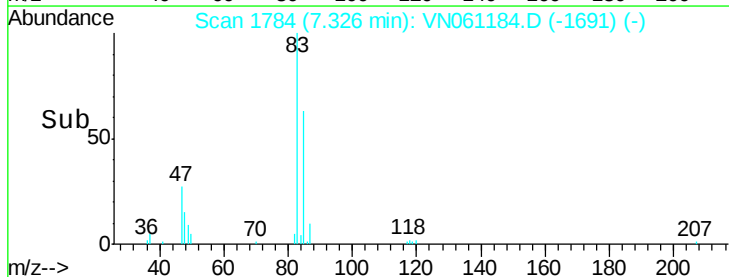
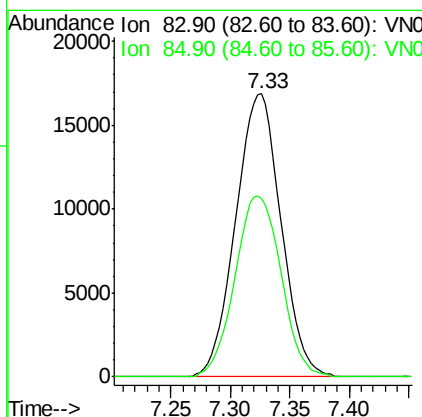
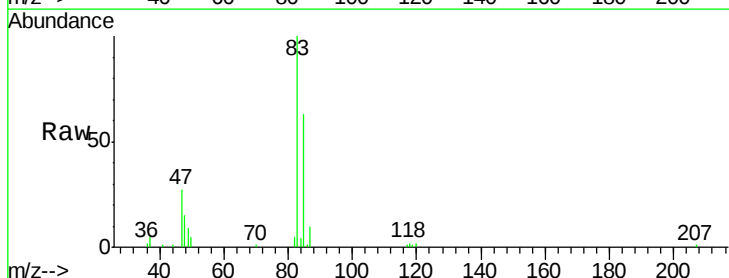
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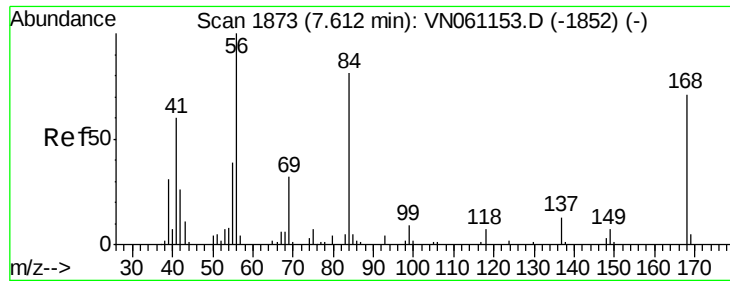
MMDadoda
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#30
Chloroform
Concen: 18.707 ug/l
RT: 7.33 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VN061184.D
Acq: 29 Apr 2020 11:55

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.0	51.1	76.7





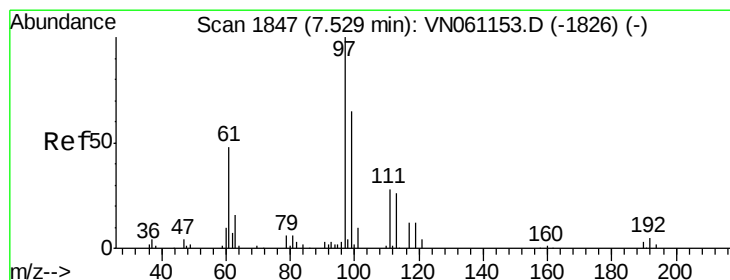
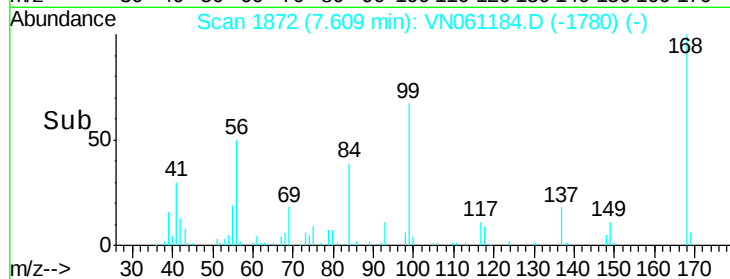
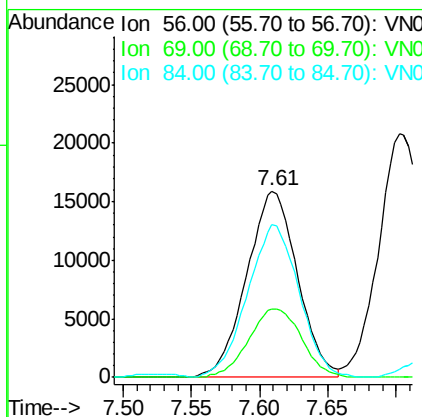
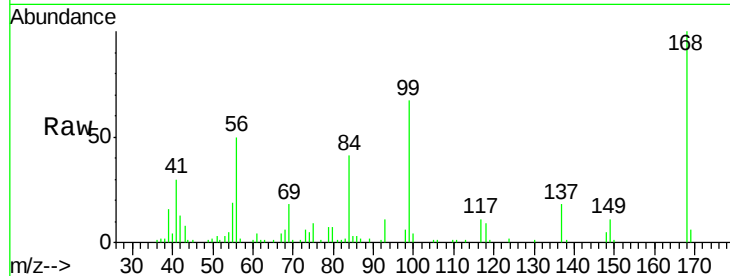
#31
Cyclohexane
Concen: 18.019 ug/l
RT: 7.61 min Scan# 1872
Delta R.T. -0.00 min
Lab File: VN061184.D
Acq: 29 Apr 2020 11:55

Instrument :
MSVOA_N
ClientSampleId :
VN0429WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	36.9	25.7	38.5
84	81.9	64.6	97.0

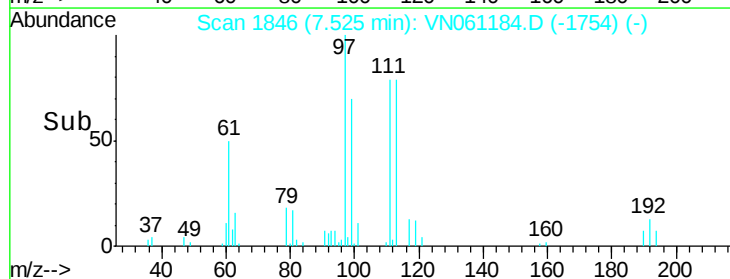
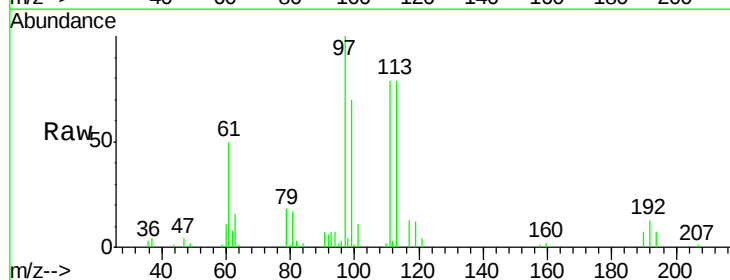
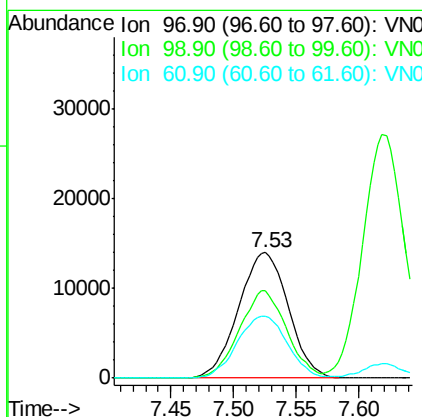
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#32
1,1,1-Trichloroethane
Concen: 18.590 ug/l
RT: 7.53 min Scan# 1846
Delta R.T. -0.00 min
Lab File: VN061184.D
Acq: 29 Apr 2020 11:55

Tgt Ion	Ratio	Lower	Upper
97	100		
99	66.2	51.3	76.9
61	49.9	38.6	57.8





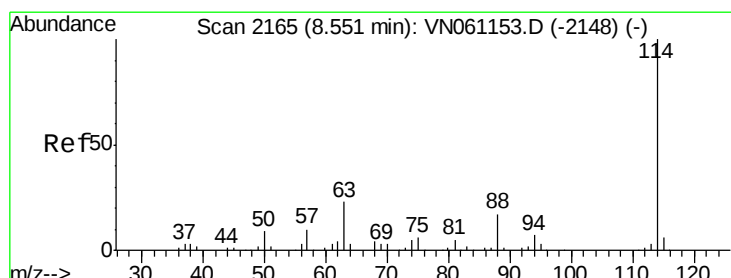
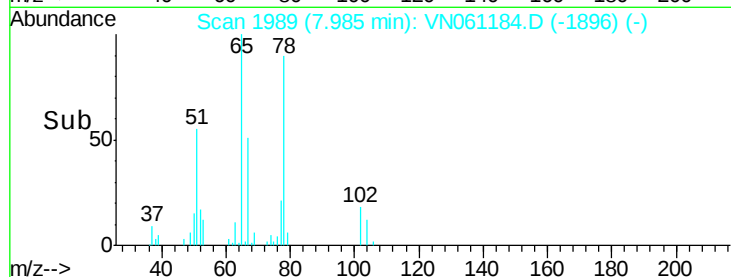
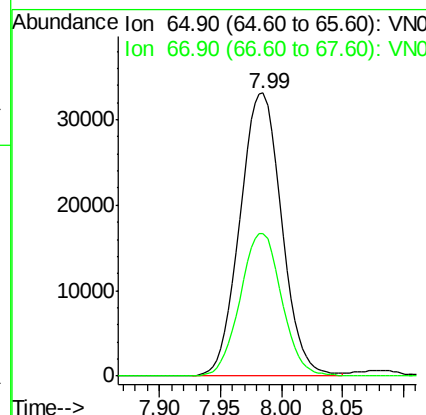
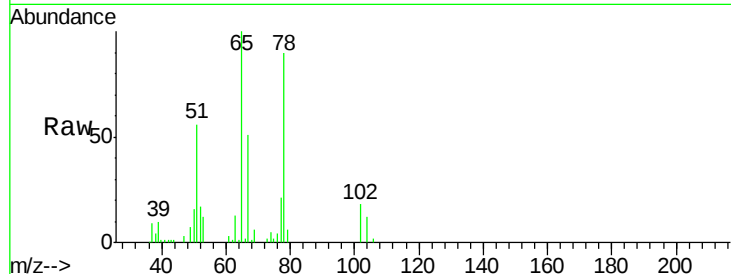
#33
 1,2-Dichloroethane-d4
 Concen: 50.105 ug/l
 RT: 7.99 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: VN061184.D
 Acq: 29 Apr 2020 11:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0429WBSD01

Tot Ion	Ratio	Lower	Upper
65	100		
67	50.0	0.0	101.6

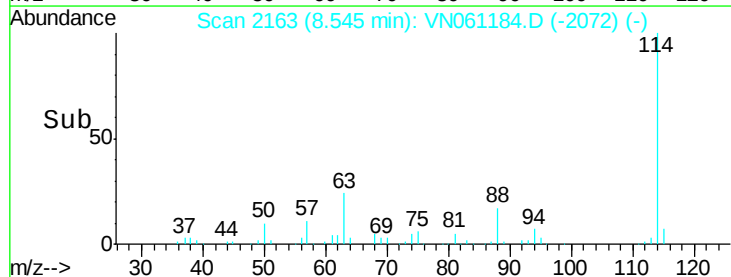
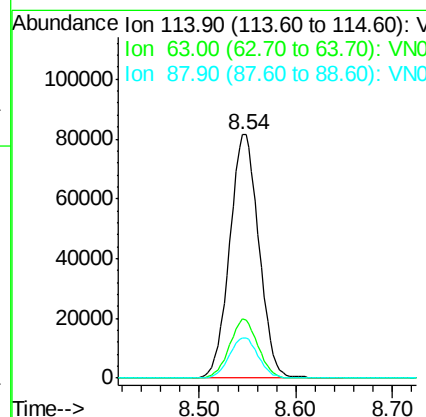
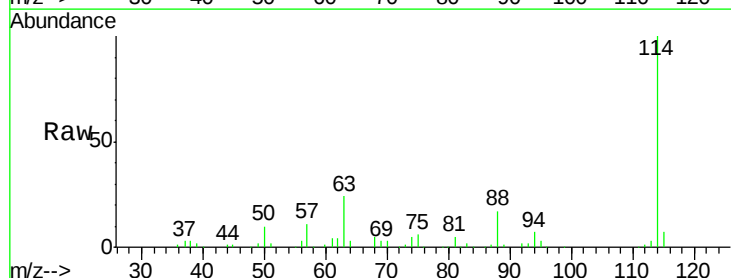
Manual Integrations
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.54 min Scan# 2163
 Delta R.T. -0.01 min
 Lab File: VN061184.D
 Acq: 29 Apr 2020 11:55

Tgt Ion	Ratio	Lower	Upper
114	100		
63	24.3	0.0	46.6
88	16.6	0.0	33.4





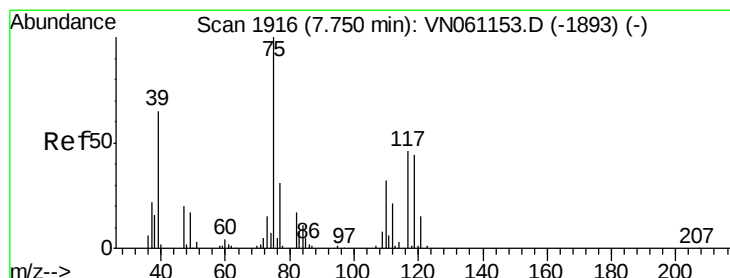
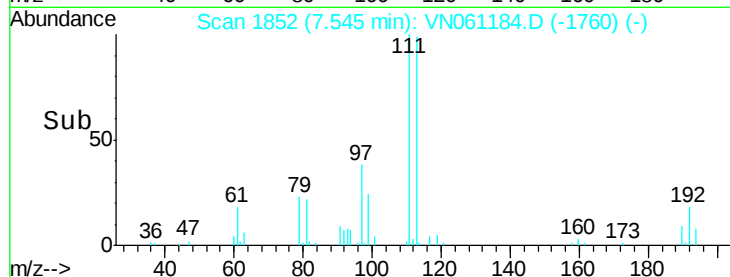
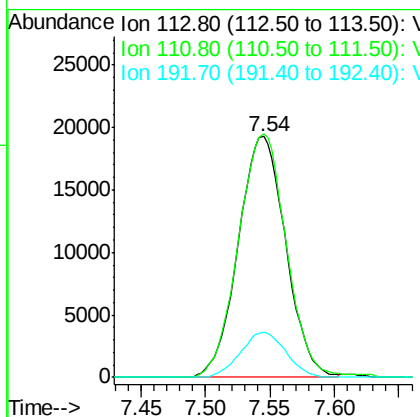
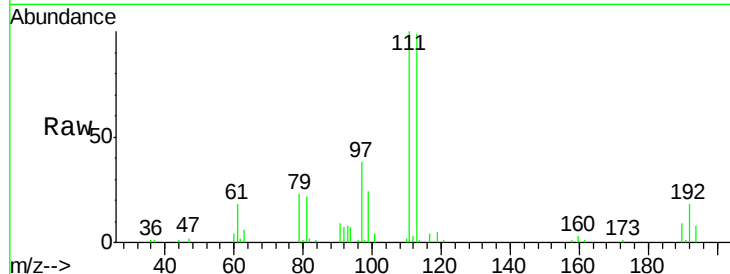
#35
 Dibromofluoromethane
 Concen: 48.842 ug/l
 RT: 7.54 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VN061184.D
 Acq: 29 Apr 2020 11:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0429WBSD01

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.9	124.3
192	17.9	14.7	22.1

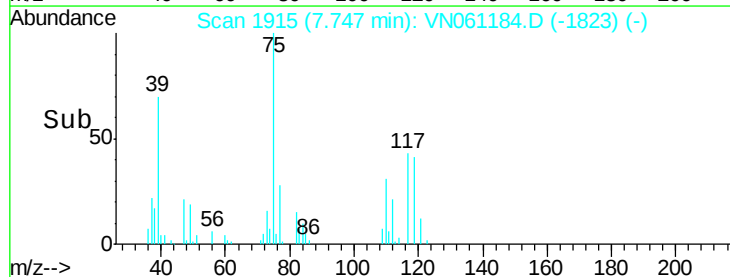
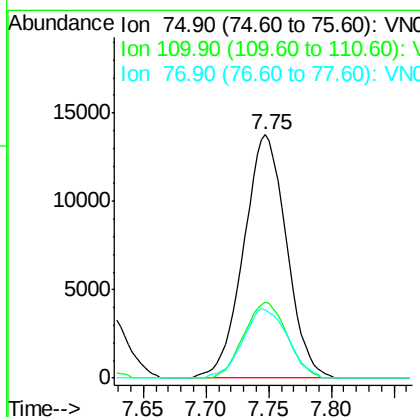
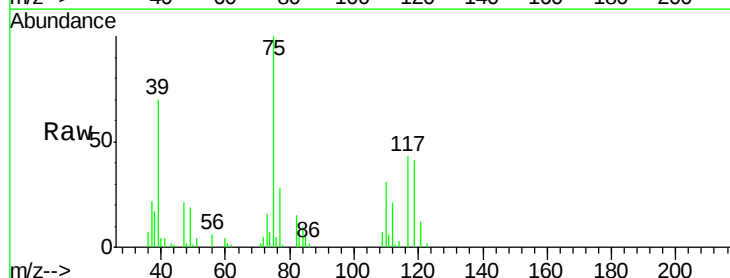
Manual Integrations
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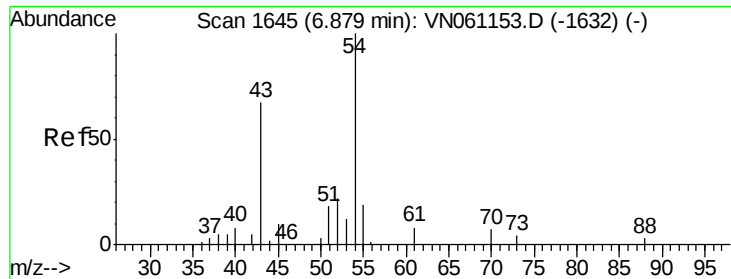
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#36
 1,1-Dichloropropene
 Concen: 19.179 ug/l
 RT: 7.75 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VN061184.D
 Acq: 29 Apr 2020 11:55

Tgt Ion	Ratio	Lower	Upper
75	100		
110	31.4	16.0	48.0
77	29.9	24.6	37.0





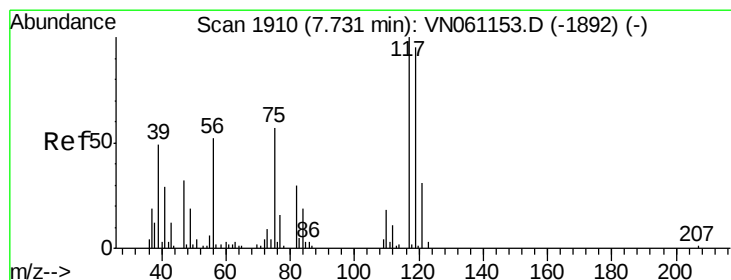
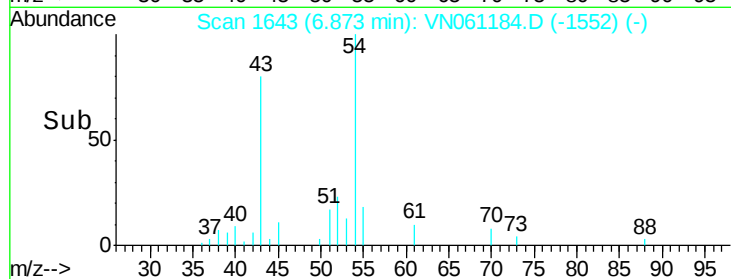
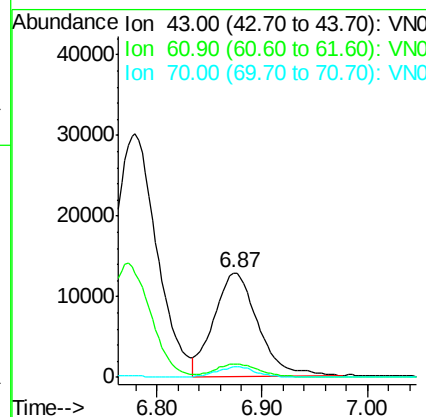
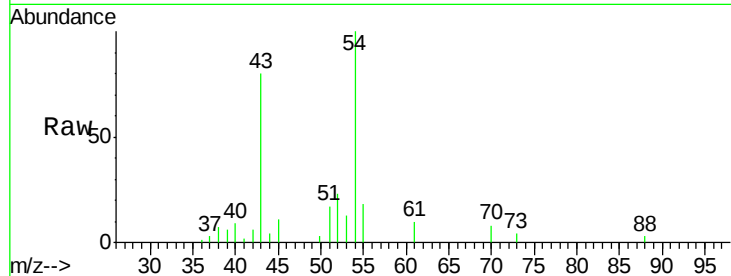
#37
Ethyl Acetate
Concen: 18.455 ug/l
RT: 6.87 min Scan# 1643
Delta R.T. -0.01 min
Lab File: VN061184.D
Acq: 29 Apr 2020 11:55

Instrument :
MSVOA_N
ClientSampled :
VN0429WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.1	10.2	15.2
70	8.9	7.2	10.8

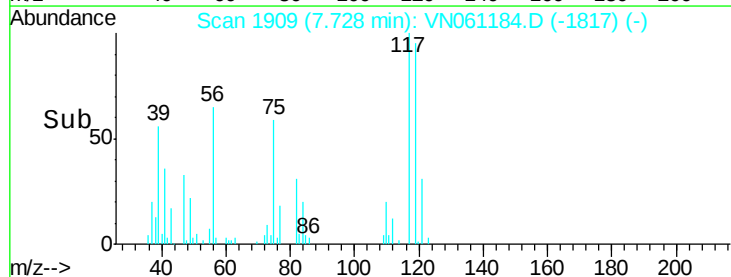
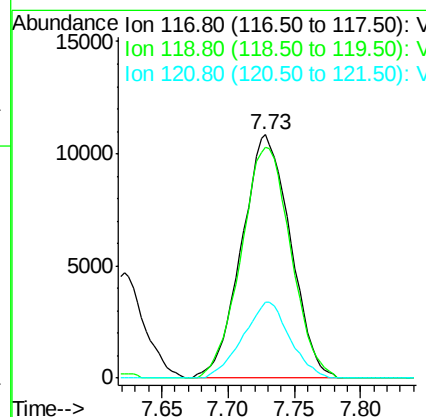
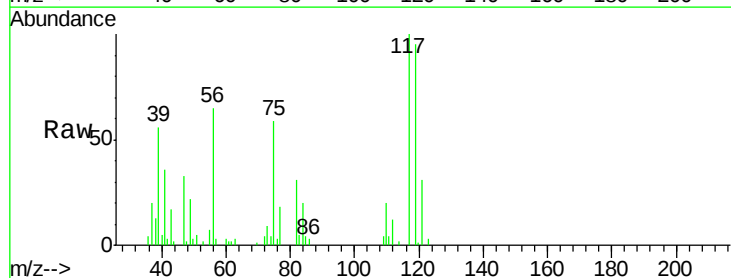
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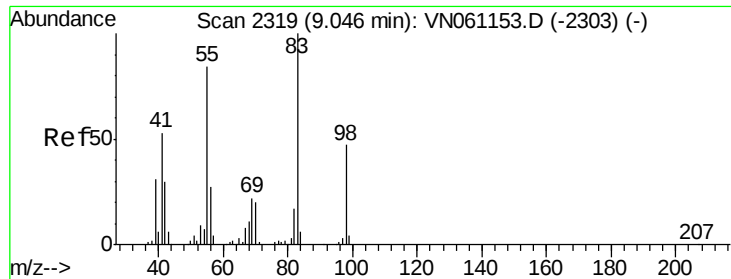
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#38
Carbon Tetrachloride
Concen: 19.215 ug/l
RT: 7.73 min Scan# 1909
Delta R.T. -0.00 min
Lab File: VN061184.D
Acq: 29 Apr 2020 11:55

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.8	75.8	113.6
121	31.3	24.7	37.1





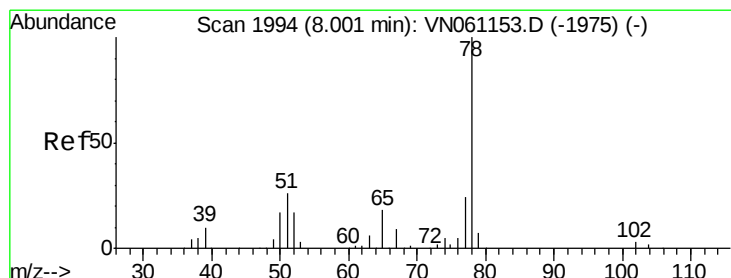
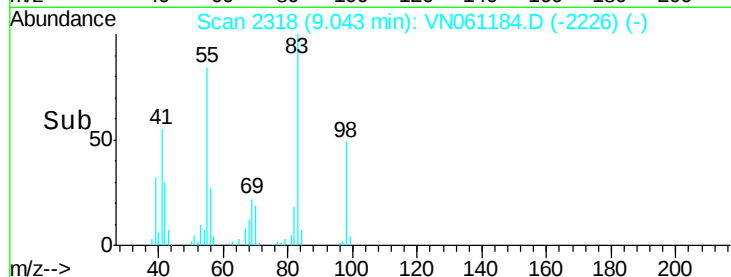
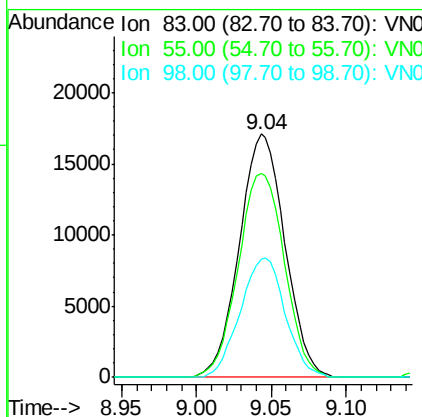
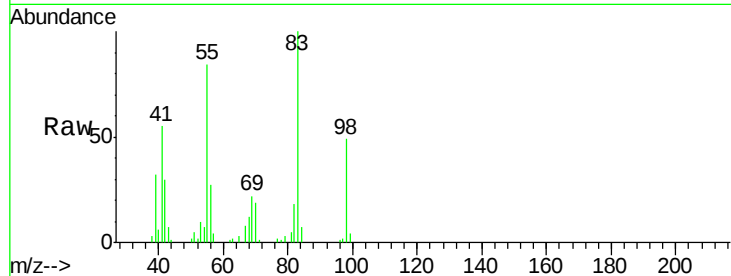
#39
Methvlcvclohexane
Concen: 18.878 ug/l
RT: 9.04 min Scan# 2318
Delta R.T. -0.00 min
Lab File: VN061184.D
Acq: 29 Apr 2020 11:55

Instrument :
MSVOA_N
ClientSampleId :
VN0429WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	84.0	67.3	100.9
98	48.5	37.7	56.5

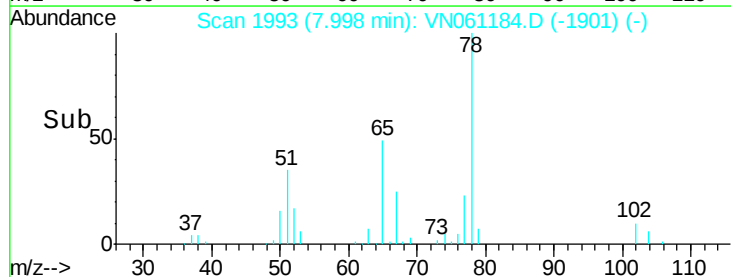
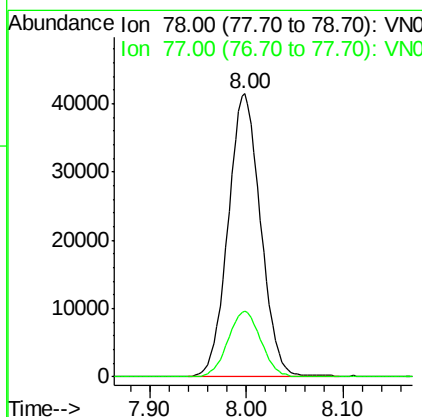
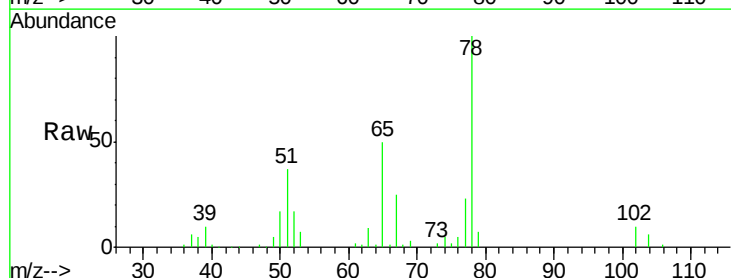
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#40
Benzene
Concen: 18.991 ug/l
RT: 8.00 min Scan# 1993
Delta R.T. -0.00 min
Lab File: VN061184.D
Acq: 29 Apr 2020 11:55

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.0	28.6





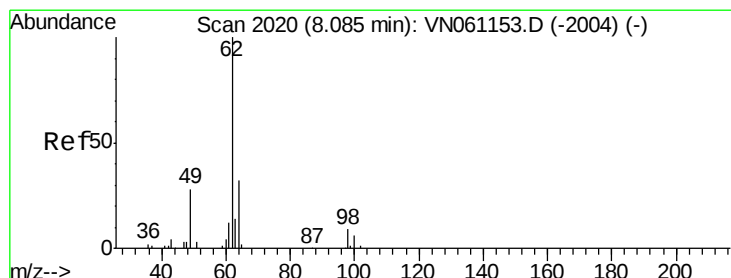
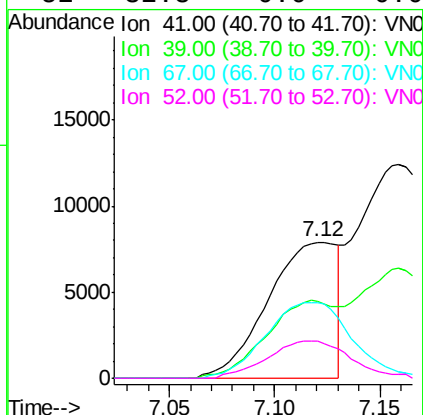
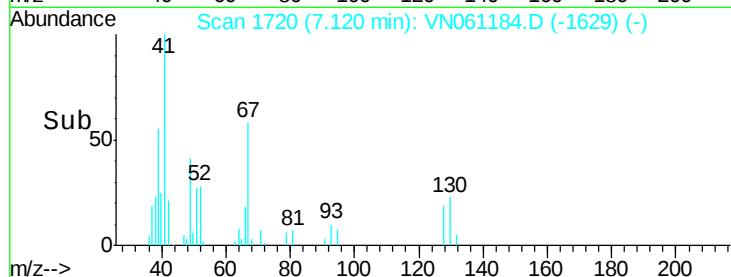
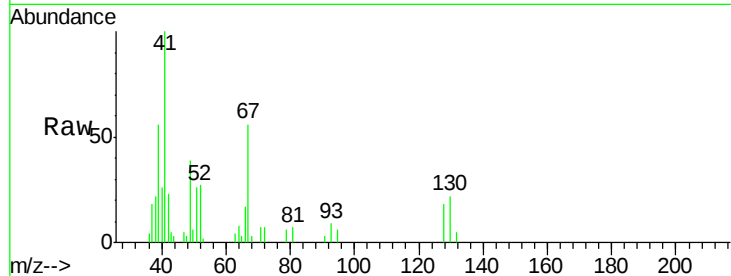
#41
Methacrylonitrile
Concen: 21.619 ug/l
RT: 7.12 min Scan# 1720
Delta R.T. -0.01 min
Lab File: VN061184.D
Acq: 29 Apr 2020 11:55

Instrument :
MSVOA_N
ClientSampled :
VN0429WBSD01

Tot Ion	Ratio	Lower	Upper
41	100		
39	56.6	0.0	0.0#
67	70.2	0.0	0.0#
52	32.8	0.0	0.0#

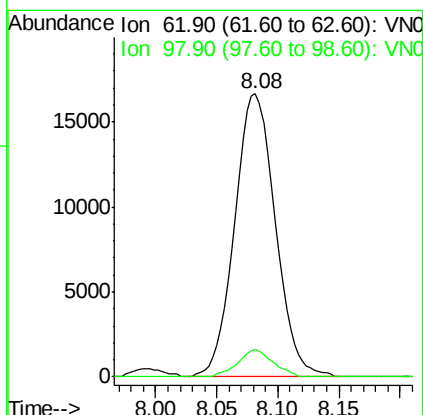
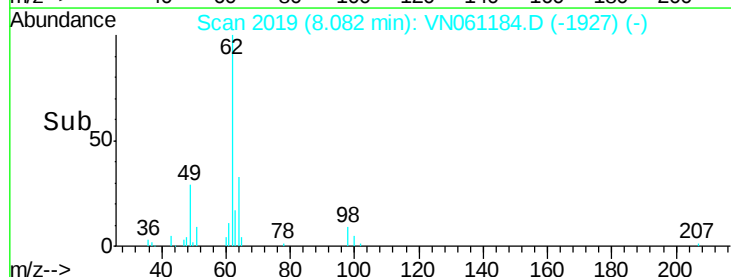
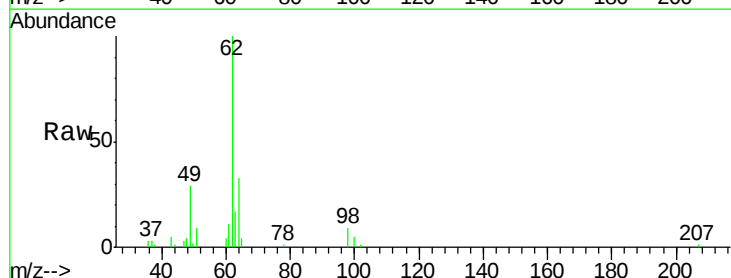
Manual Integrations
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#42
1,2-Dichloroethane
Concen: 19.949 ug/l
RT: 8.08 min Scan# 2019
Delta R.T. -0.00 min
Lab File: VN061184.D
Acq: 29 Apr 2020 11:55

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	16.8





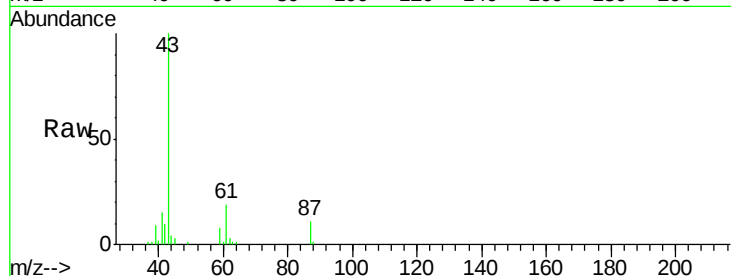
#43
Isopropyl Acetate
Concen: 18.958 ug/l
RT: 8.12 min Scan# 2031
Delta R.T. -0.00 min
Lab File: VN061184.D
Acq: 29 Apr 2020 11:55

Instrument :
MSVOA_N
ClientSampleId :
VN0429WBSD01

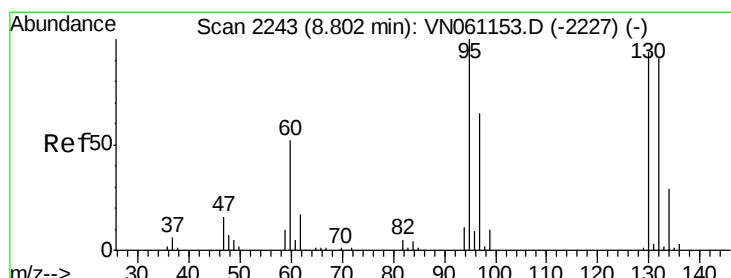
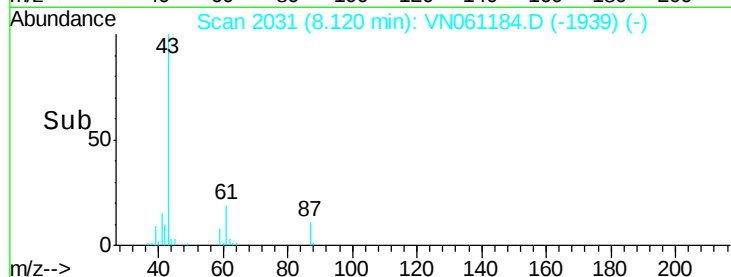
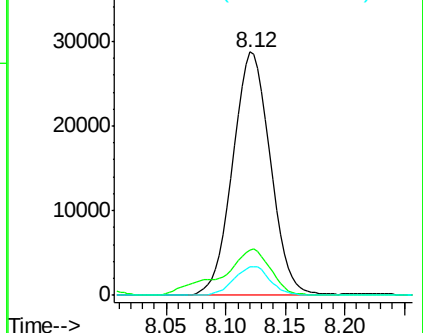
Tot Ion	Ratio	Lower	Upper
43	100		
61	24.7	19.5	29.3
87	11.2	8.9	13.3

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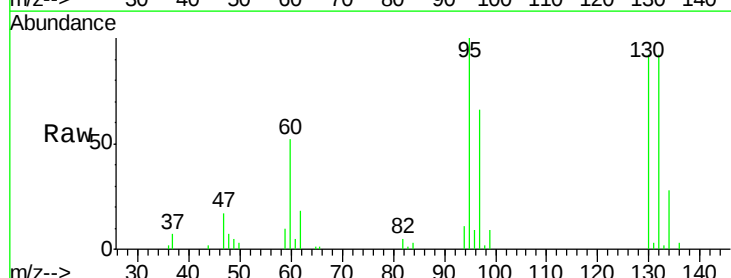


Abundance Ion 43.00 (42.70 to 43.70): VN061153.D (-2014) (-)
Ion 61.00 (60.70 to 61.70): VN061153.D (-2014) (-)
Ion 87.00 (86.70 to 87.70): VN061153.D (-2014) (-)

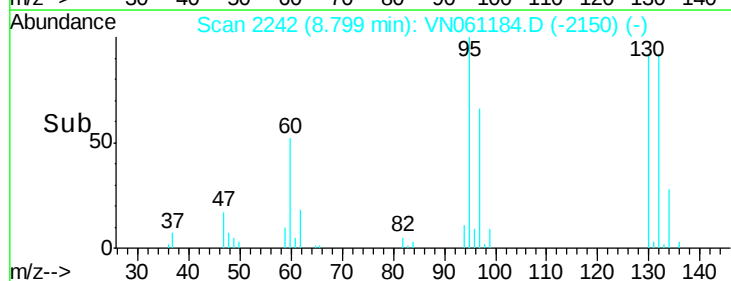
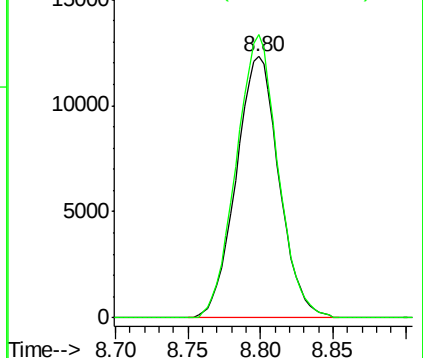


#44
Trichloroethene
Concen: 18.409 ug/l
RT: 8.80 min Scan# 2242
Delta R.T. -0.00 min
Lab File: VN061184.D
Acq: 29 Apr 2020 11:55

Tgt Ion	Ratio	Lower	Upper
130	100		
95	108.3	0.0	212.4



Abundance Ion 129.80 (129.50 to 130.50): VN061153.D (-2227) (-)
Ion 94.90 (94.60 to 95.60): VN061153.D (-2227) (-)





#45

1,2-Dichloropropane

Concen: 19.078 ug/l

RT: 9.08 min Scan# 2330

Delta R.T. -0.00 min

Lab File: VN061184.D

Acq: 29 Apr 2020 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN0429WBSD01

Tot Ion: 63 Resp: 25978

Ion Ratio Lower Upper

63 100

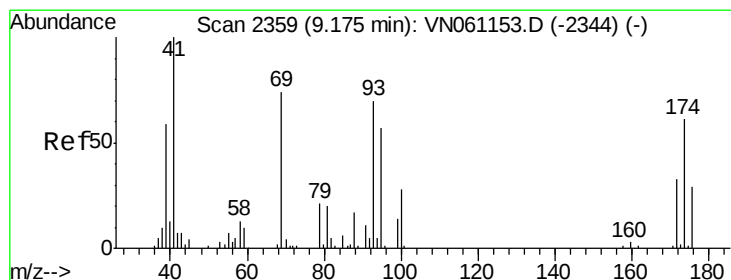
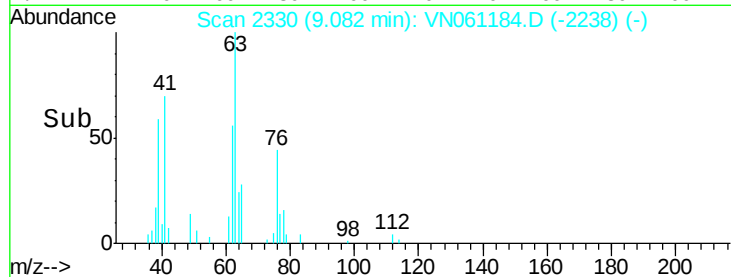
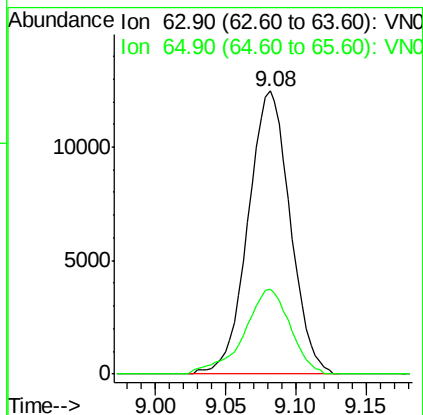
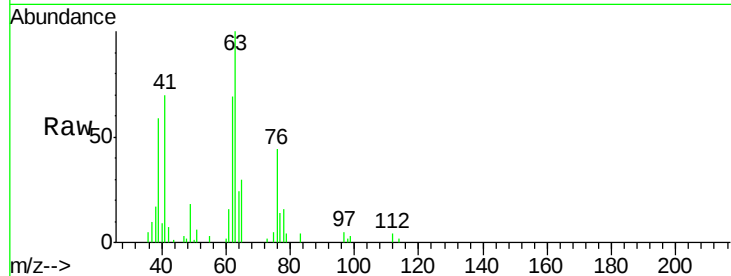
65 29.9 24.7 37.1

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#46

Dibromomethane

Concen: 20.050 ug/l

RT: 9.17 min Scan# 2358

Delta R.T. -0.00 min

Lab File: VN061184.D

Acq: 29 Apr 2020 11:55

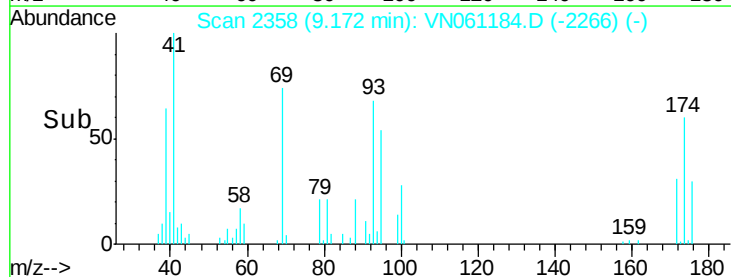
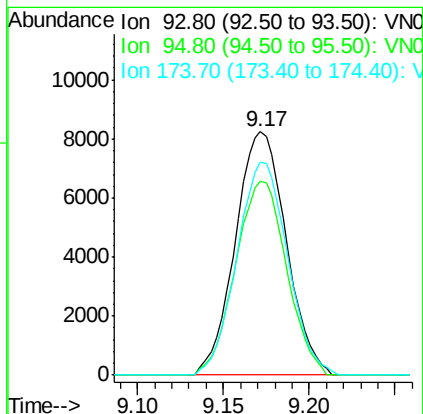
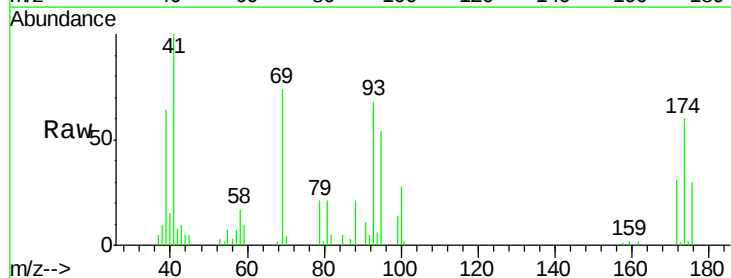
Tgt Ion: 93 Resp: 16904

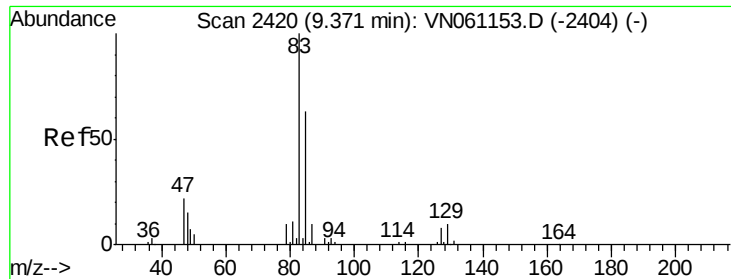
Ion Ratio Lower Upper

93 100

95 80.1 66.6 99.8

174 87.4 70.2 105.2





#47

Bromodichloromethane

Concen: 19.535 ug/l

RT: 9.36 min Scan# 2418

Delta R.T. -0.01 min

Lab File: VN061184.D

Acq: 29 Apr 2020 11:55

Instrument :

MSVOA_N

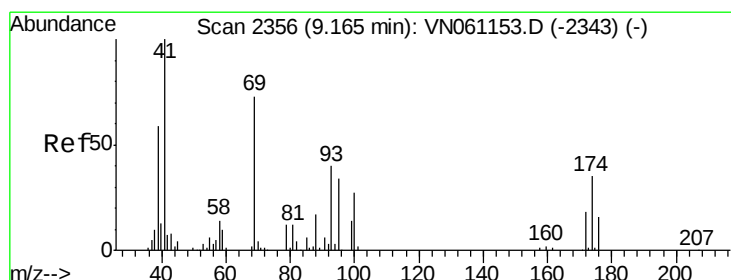
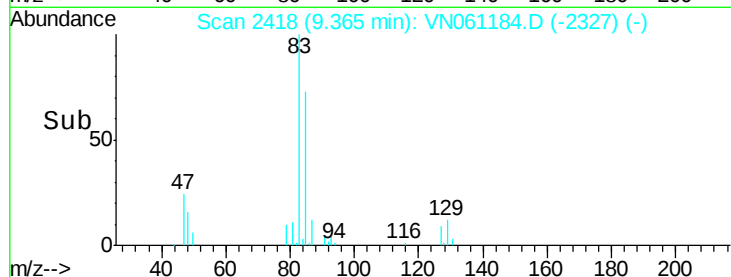
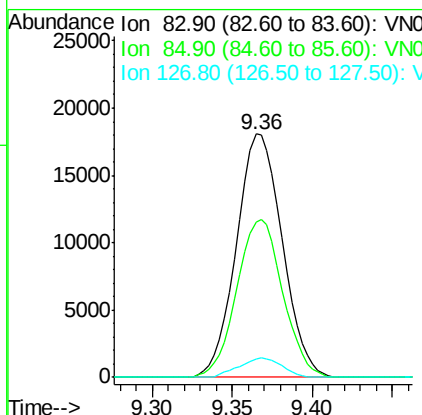
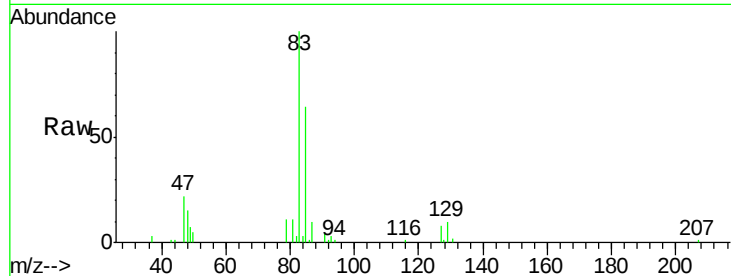
ClientSampleId :

VN0429WBSD01

Tot Ion:	83	Resp:	35352
Ion	Ratio	Lower	Upper
83	100		
85	63.5	50.4	75.6
127	7.6	6.2	9.2

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#48

Methyl methacrylate

Concen: 18.727 ug/l

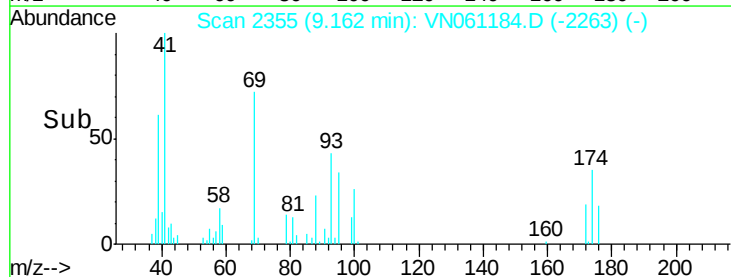
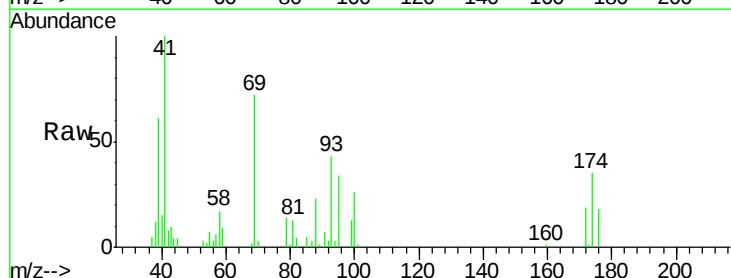
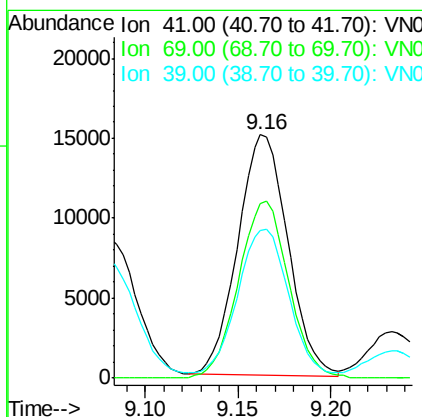
RT: 9.16 min Scan# 2355

Delta R.T. -0.00 min

Lab File: VN061184.D

Acq: 29 Apr 2020 11:55

Tgt Ion:	41	Resp:	28128
Ion	Ratio	Lower	Upper
41	100		
69	73.9	60.3	90.5
39	64.9	47.4	71.0





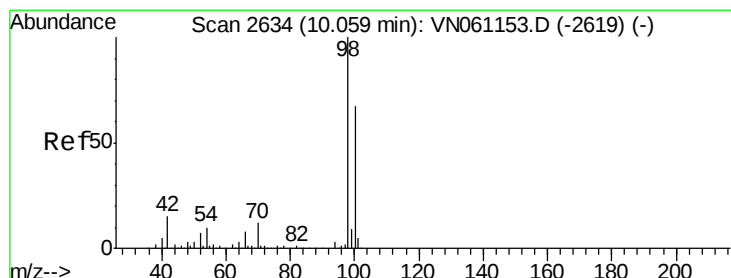
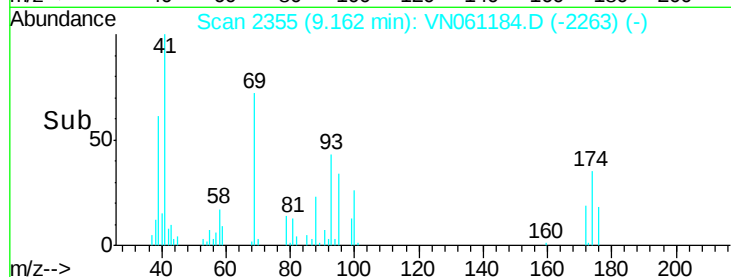
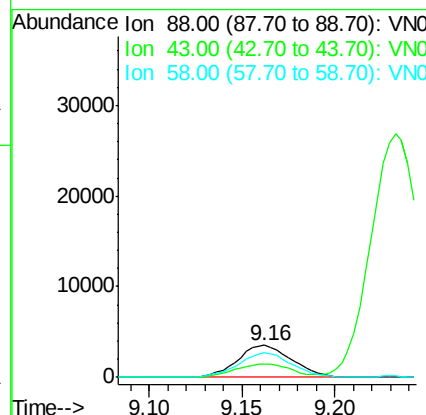
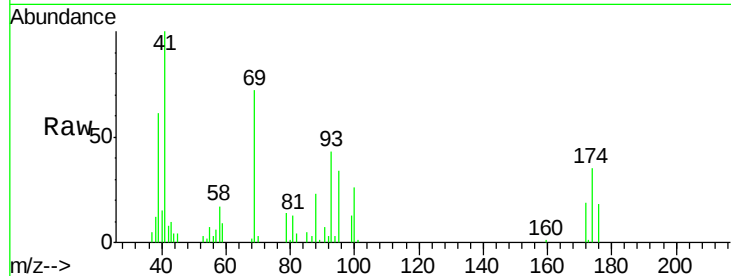
#49
1,4-Dioxane
Concen: 418.131 ug/l
RT: 9.16 min Scan# 2355
Delta R.T. -0.00 min
Lab File: VN061184.D
Acq: 29 Apr 2020 11:55

Instrument :
MSVOA_N
ClientSampleId :
VN0429WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	43.8	35.3	52.9
58	75.1	61.5	92.3

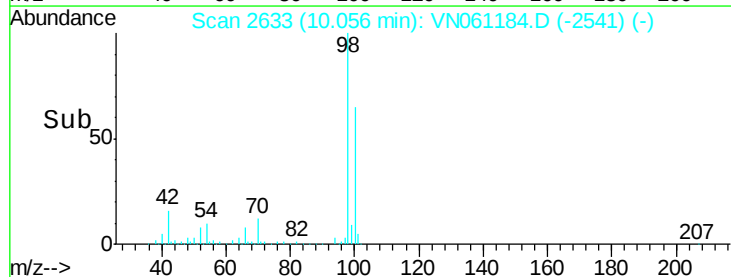
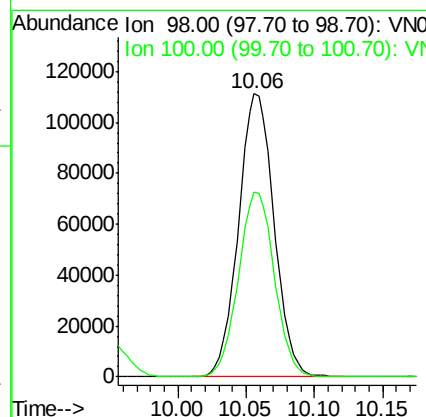
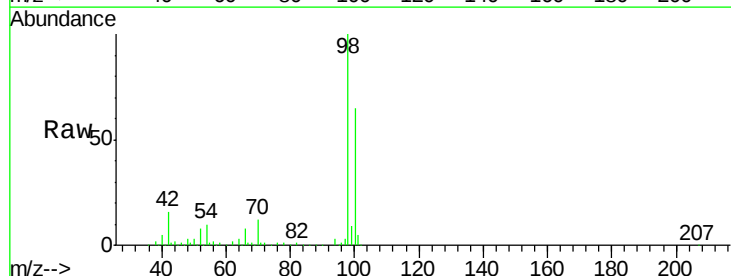
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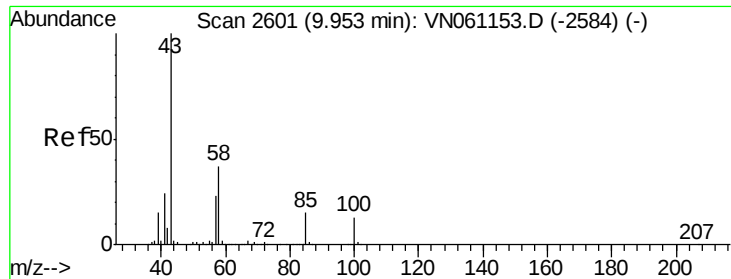
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#50
Toluene-d8
Concen: 48.870 ug/l
RT: 10.06 min Scan# 2633
Delta R.T. -0.00 min
Lab File: VN061184.D
Acq: 29 Apr 2020 11:55

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.1	53.4	80.0





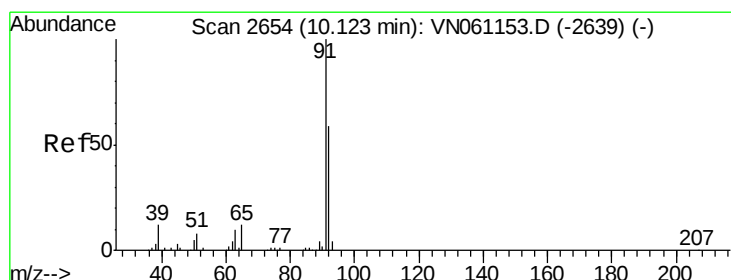
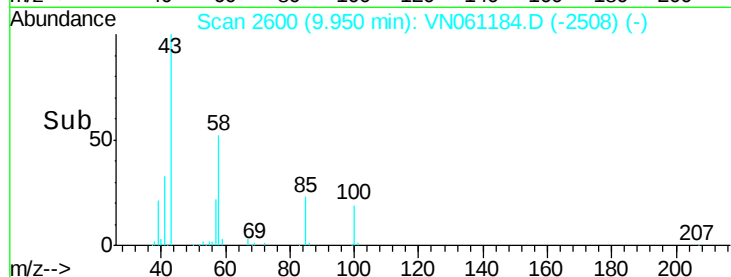
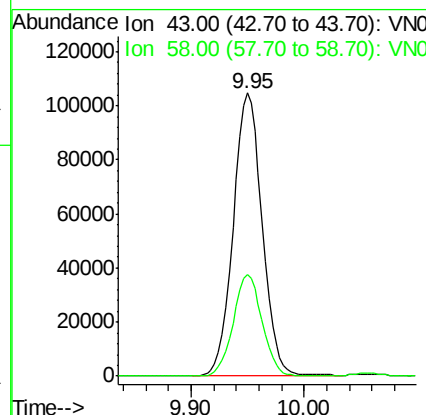
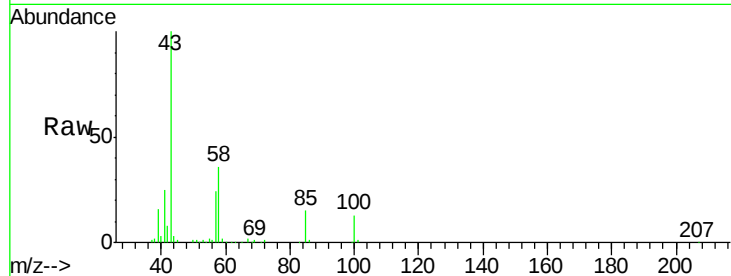
#51
4-Methyl-2-Pentanone
Concen: 95.110 ug/l
RT: 9.95 min Scan# 2600
Delta R.T. -0.00 min
Lab File: VN061184.D
Acq: 29 Apr 2020 11:55

Instrument :
MSVOA_N
ClientSampleId :
VN0429WBSD01

Tot Ion	43	Resp	186342
Ion Ratio	43	100	
Lower	58	35.8	29.1
Upper			43.7

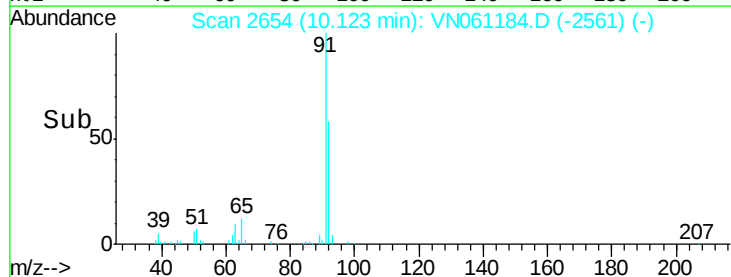
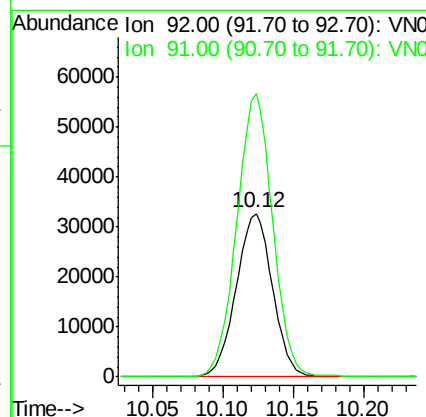
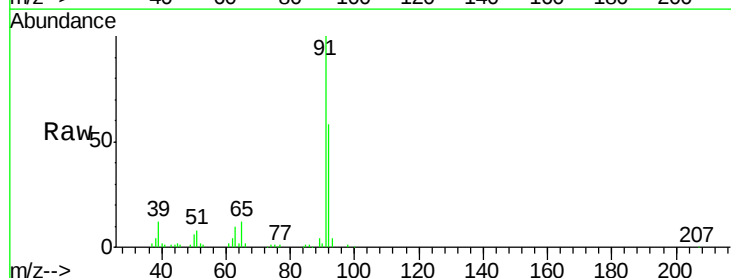
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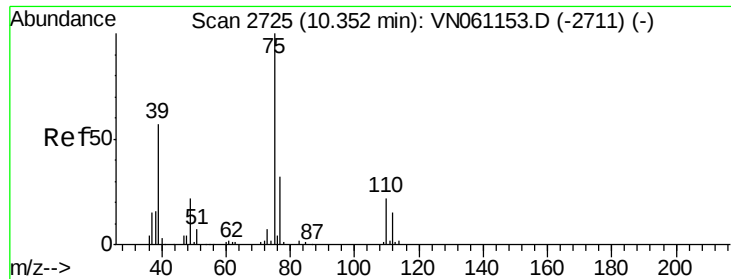
MMDadoda
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#52
Toluene
Concen: 19.131 ug/l
RT: 10.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VN061184.D
Acq: 29 Apr 2020 11:55

Tgt Ion	92	Resp	58733
Ion Ratio	92	100	
Lower	91	172.3	136.2
Upper			204.2





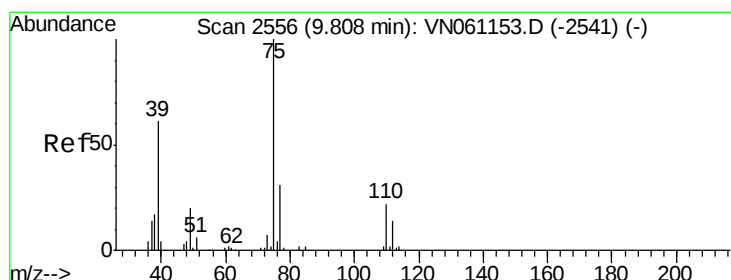
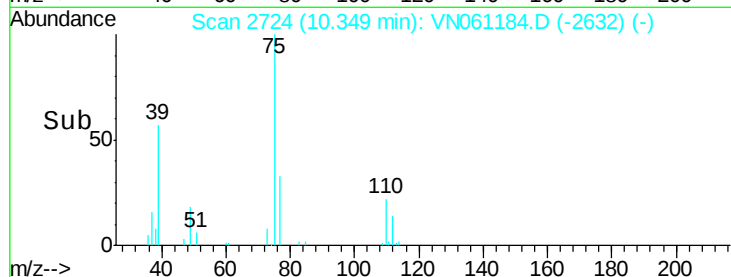
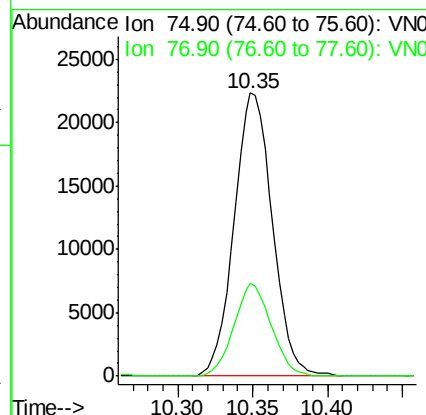
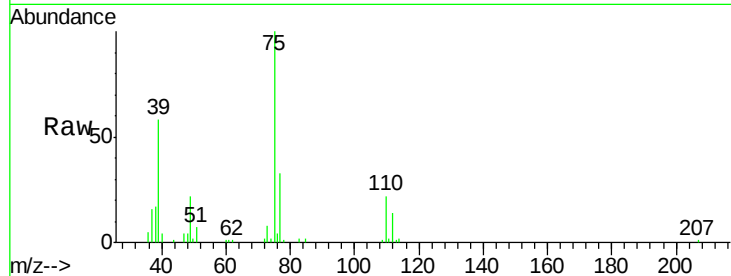
#53
t-1,3-Dichloropropene
Concen: 19.521 ug/l
RT: 10.35 min Scan# 2724
Delta R.T. -0.00 min
Lab File: VN061184.D
Acq: 29 Apr 2020 11:55

Instrument :
MSVOA_N
ClientSampleId :
VN0429WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.8	25.5	38.3

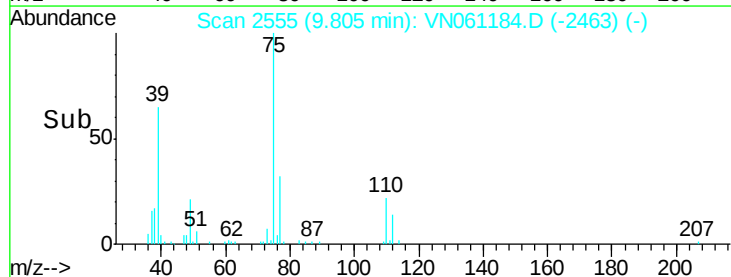
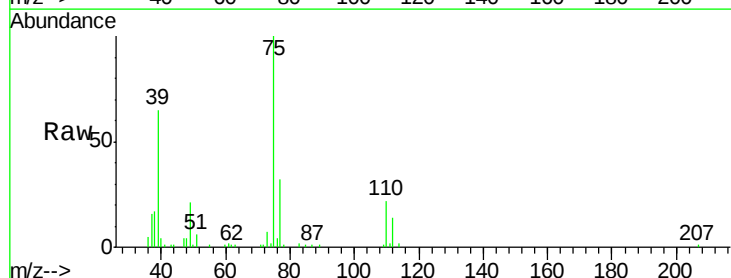
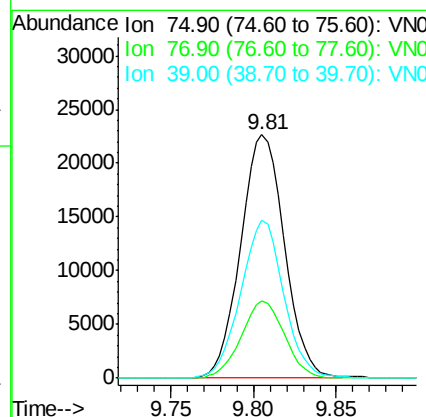
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#54
cis-1,3-Dichloropropene
Concen: 19.367 ug/l
RT: 9.81 min Scan# 2555
Delta R.T. -0.00 min
Lab File: VN061184.D
Acq: 29 Apr 2020 11:55

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.0	37.4
39	64.6	48.7	73.1





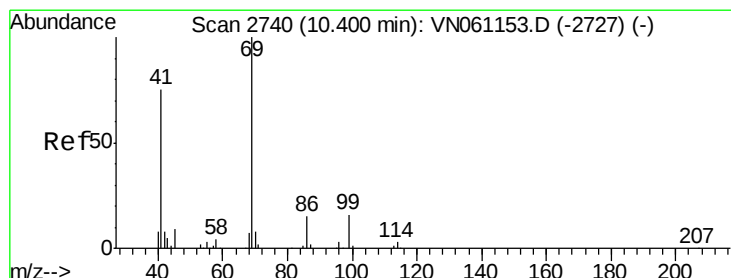
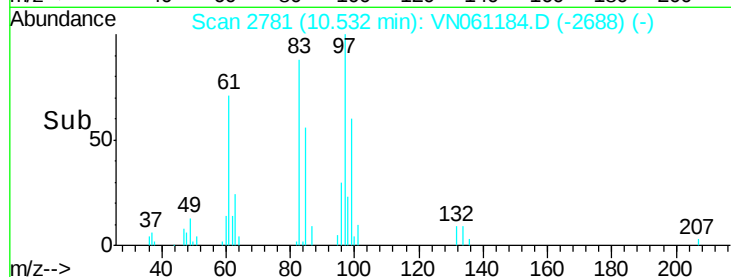
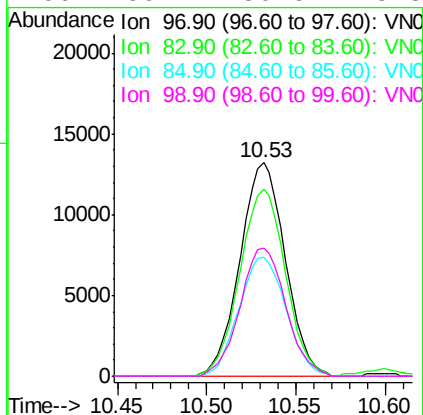
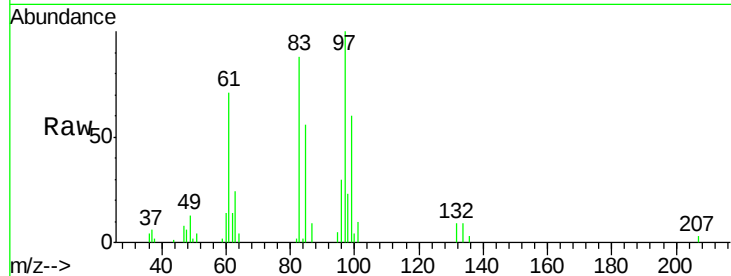
#55
 1,1,2-Trichloroethane
 Concen: 19.150 ug/l
 RT: 10.53 min Scan# 2781
 Delta R.T. 0.00 min
 Lab File: VN061184.D
 Acq: 29 Apr 2020 11:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0429WBSD01

Tot Ion:	97	Resp:	23450
Ion	Ratio	Lower	Upper
97	100		
83	87.7	70.6	106.0
85	55.6	46.4	69.6
99	60.2	50.6	75.8

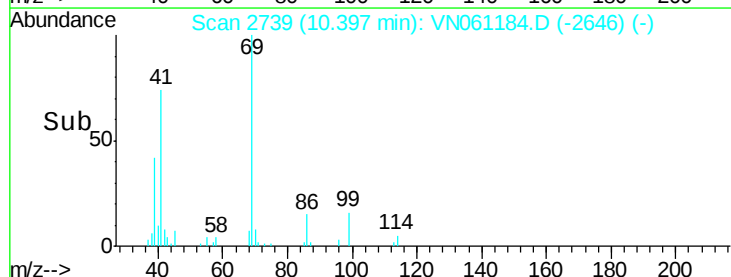
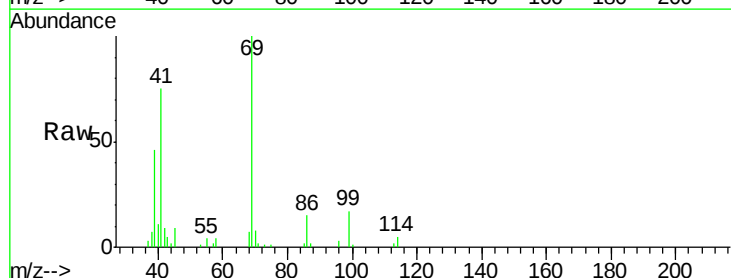
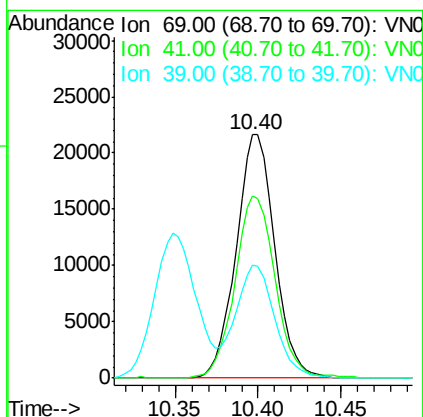
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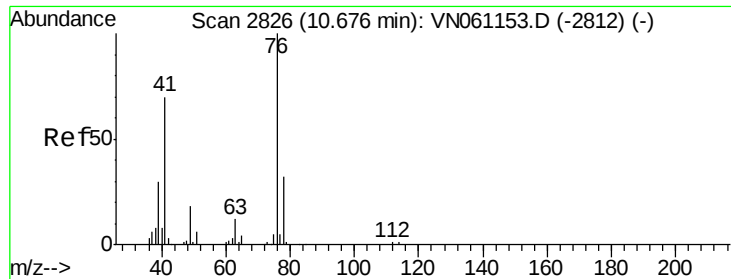
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#56
 Ethyl methacrylate
 Concen: 18.245 ug/l
 RT: 10.40 min Scan# 2739
 Delta R.T. -0.00 min
 Lab File: VN061184.D
 Acq: 29 Apr 2020 11:55

Tgt Ion:	69	Resp:	35022
Ion	Ratio	Lower	Upper
69	100		
41	78.1	60.3	90.5
39	47.8	35.9	53.9





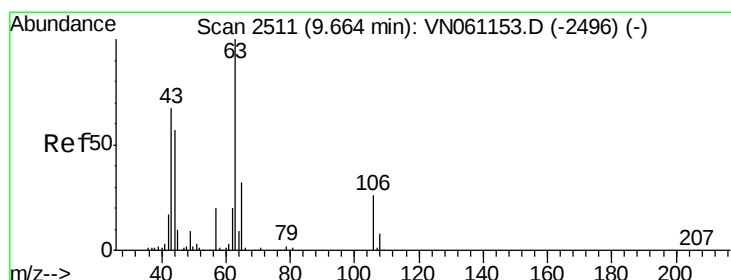
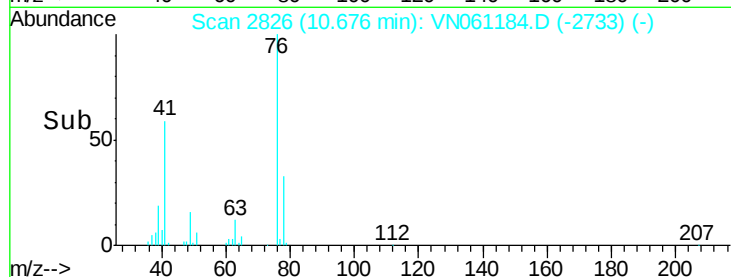
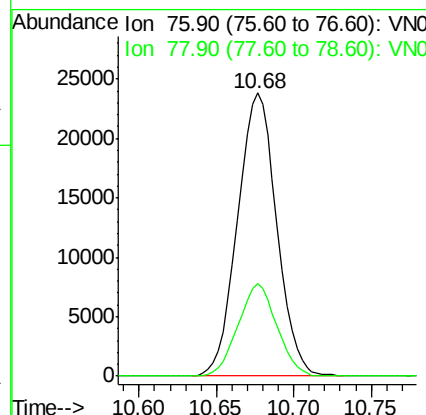
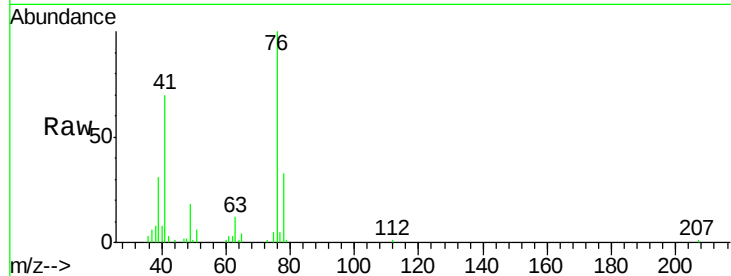
#57
 1,3-Dichloropropane
 Concen: 19.416 ug/l
 RT: 10.68 min Scan# 2826
 Delta R.T. 0.00 min
 Lab File: VN061184.D
 Acq: 29 Apr 2020 11:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0429WBSD01

Tot Ion: 76 Resp: 41791
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.5 38.3

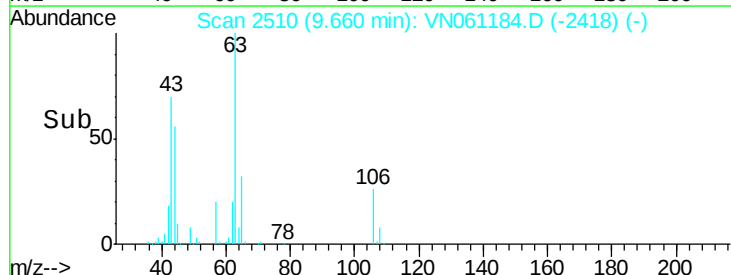
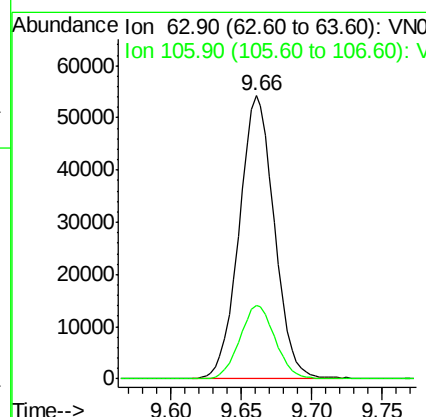
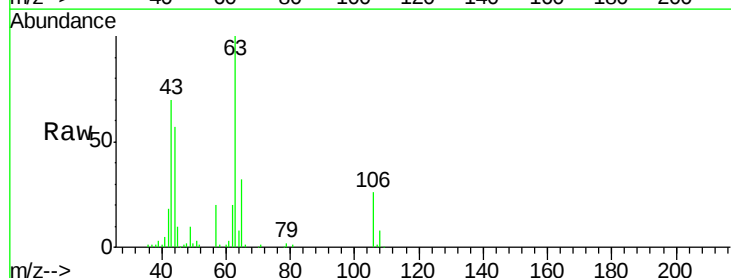
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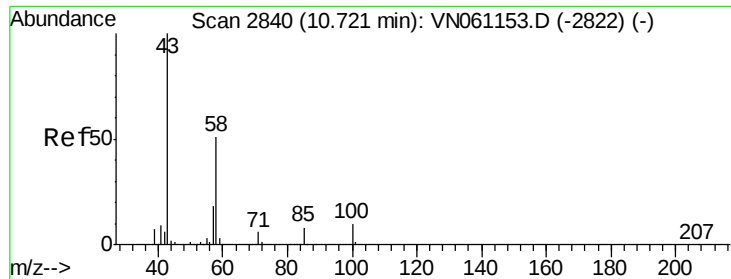
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 4/30/2020 2:11:19 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 95.565 ug/l
 RT: 9.66 min Scan# 2510
 Delta R.T. -0.00 min
 Lab File: VN061184.D
 Acq: 29 Apr 2020 11:55

Tgt Ion: 63 Resp: 94723
 Ion Ratio Lower Upper
 63 100
 106 26.1 20.6 30.8





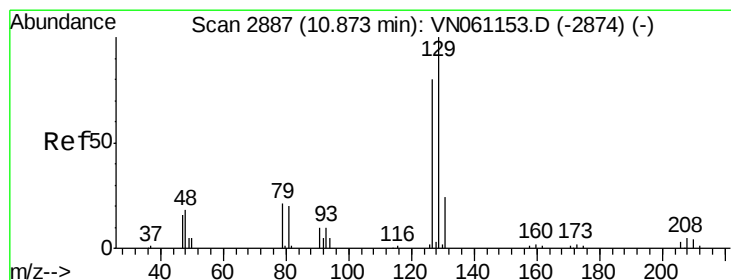
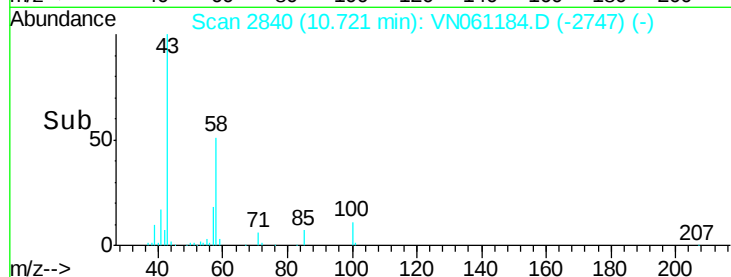
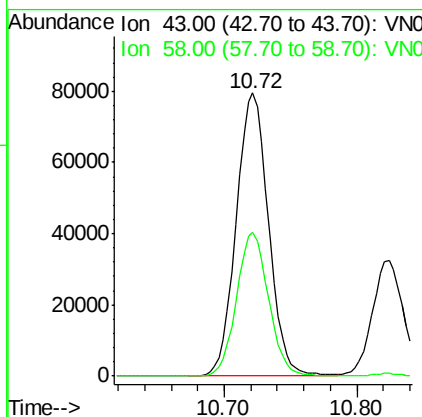
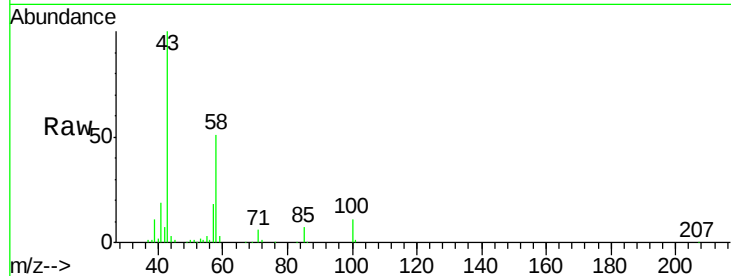
#59
2-Hexanone
Concen: 94.419 ug/l
RT: 10.72 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VN061184.D
Acq: 29 Apr 2020 11:55

Instrument :
MSVOA_N
ClientSampleId :
VN0429WBSD01

Tot Ion: 43 Resp: 134583
Ion Ratio Lower Upper
43 100
58 50.3 25.4 76.4

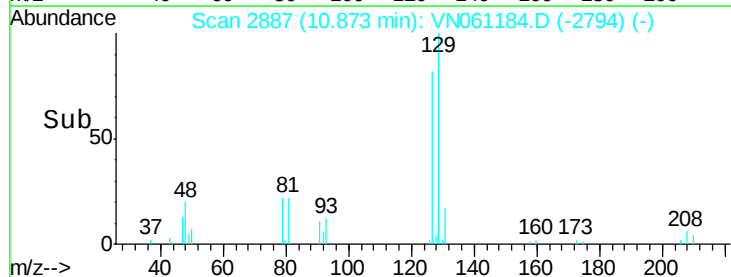
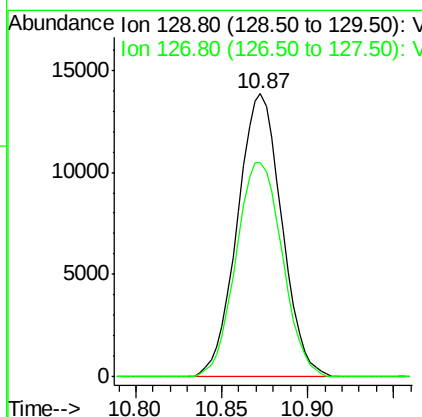
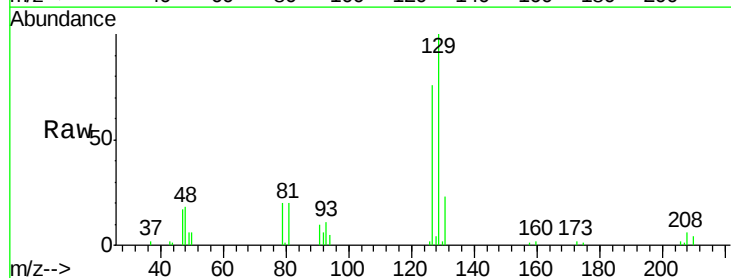
Manual Integrations
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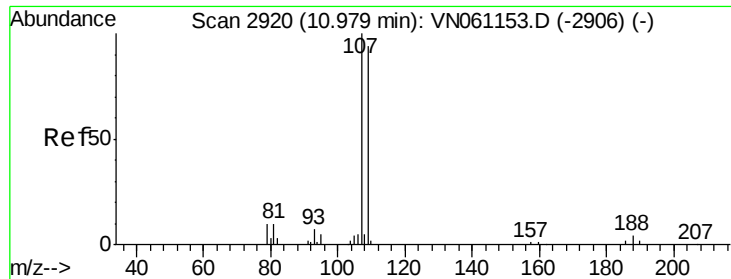
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4/30/2020 2:11:19 PM



#60
Dibromochloromethane
Concen: 19.297 ug/l
RT: 10.87 min Scan# 2887
Delta R.T. 0.00 min
Lab File: VN061184.D
Acq: 29 Apr 2020 11:55

Tgt Ion: 129 Resp: 24748
Ion Ratio Lower Upper
129 100
127 79.1 39.3 117.8





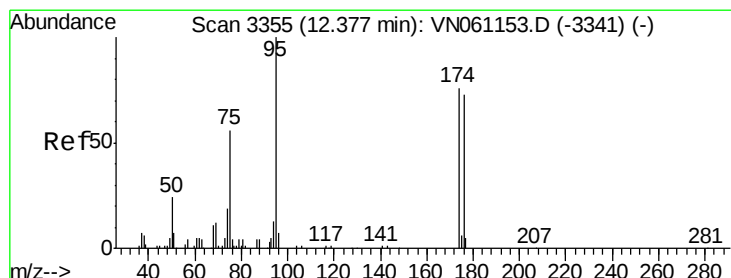
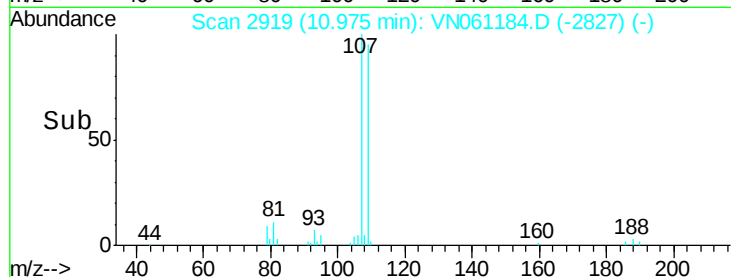
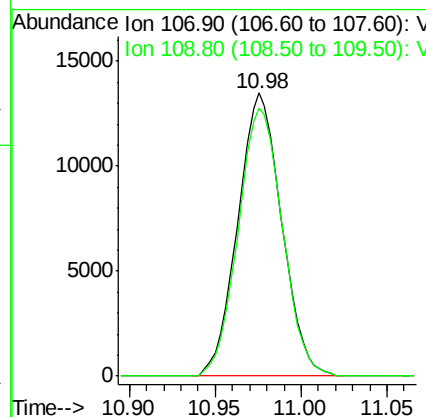
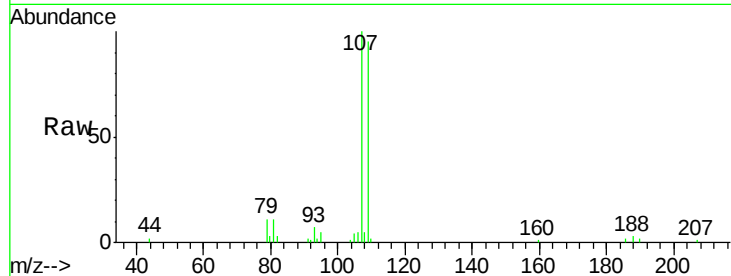
#61
 1,2-Dibromoethane
 Concen: 19.385 ug/l
 RT: 10.98 min Scan# 2919
 Delta R.T. -0.00 min
 Lab File: VN061184.D
 Acq: 29 Apr 2020 11:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0429WBSD01

Tot Ion:107 Resp: 23792
 Ion Ratio Lower Upper
 107 100
 109 95.9 74.8 112.2

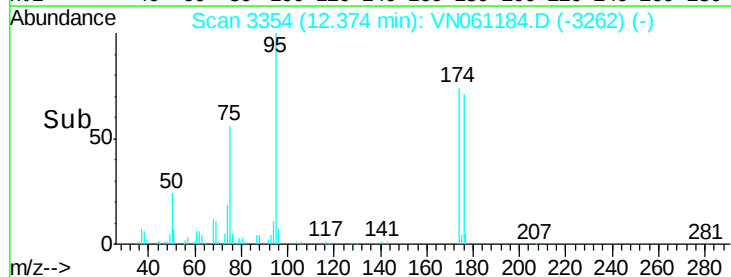
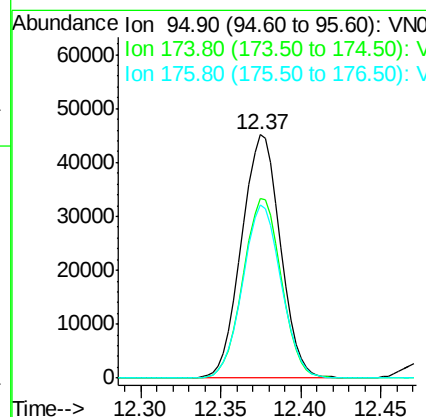
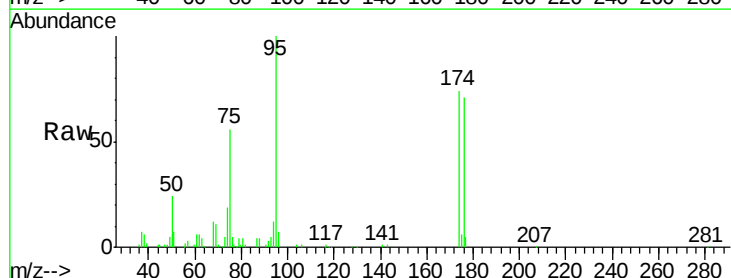
Manual Integrations
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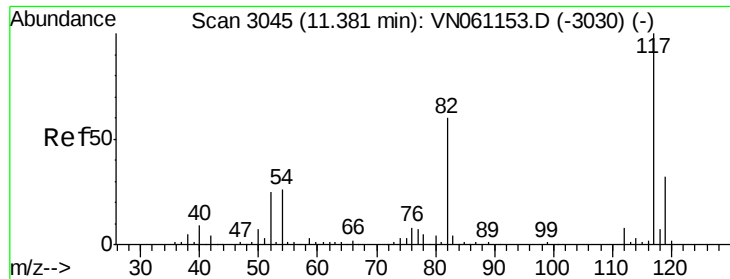
MMDadoda
 4/30/2020 2:11:19 PM



#62
 4-Bromofluorobenzene
 Concen: 48.284 ug/l
 RT: 12.37 min Scan# 3354
 Delta R.T. -0.00 min
 Lab File: VN061184.D
 Acq: 29 Apr 2020 11:55

Tgt Ion: 95 Resp: 74854
 Ion Ratio Lower Upper
 95 100
 174 72.8 0.0 149.4
 176 70.4 0.0 144.8





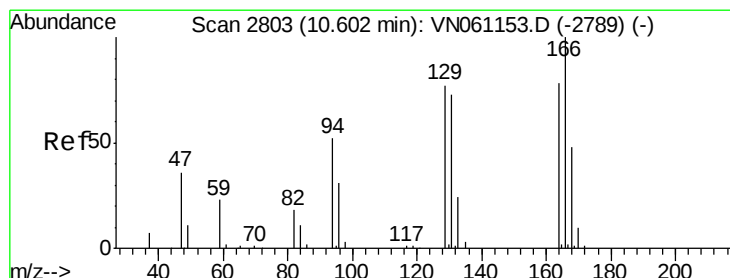
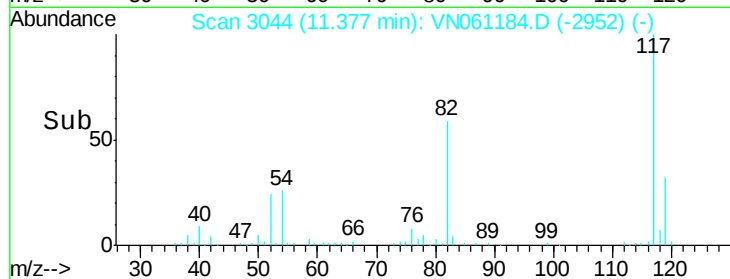
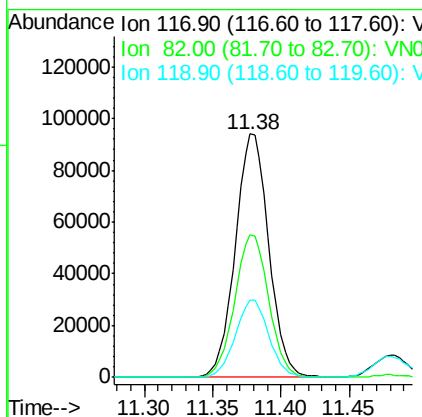
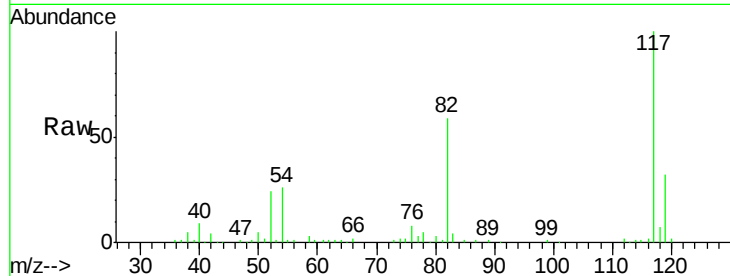
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 3044
Delta R.T. -0.00 min
Lab File: VN061184.D
Acq: 29 Apr 2020 11:55

Instrument :
MSVOA_N
ClientSampleId :
VN0429WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.8	47.8	71.8
119	31.6	25.8	38.6

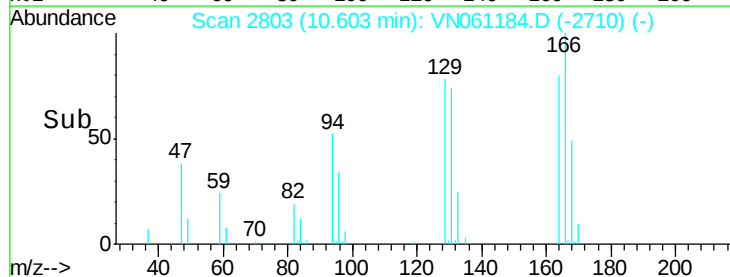
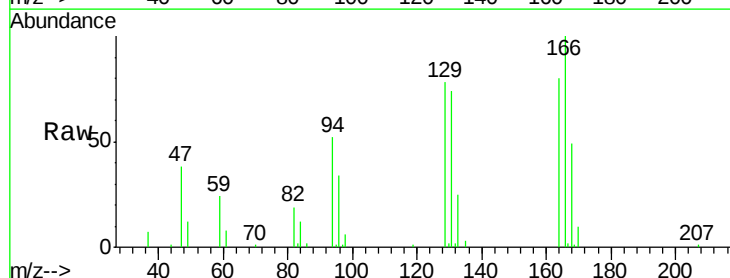
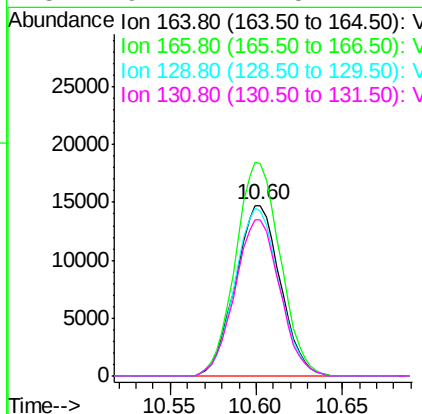
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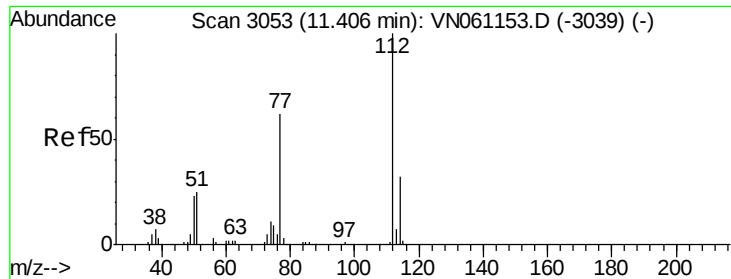
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#64
Tetrachloroethene
Concen: 19.228 ug/l
RT: 10.60 min Scan# 2803
Delta R.T. 0.00 min
Lab File: VN061184.D
Acq: 29 Apr 2020 11:55

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.5	102.0	153.0
129	97.1	78.2	117.2
131	91.7	74.5	111.7





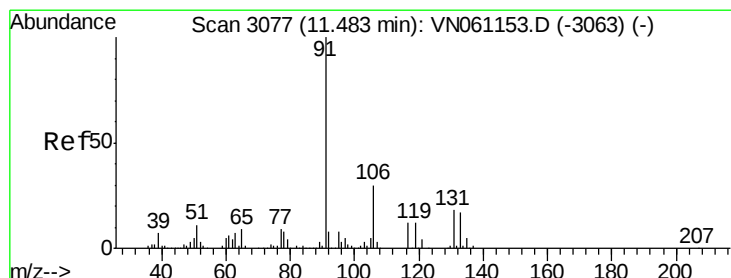
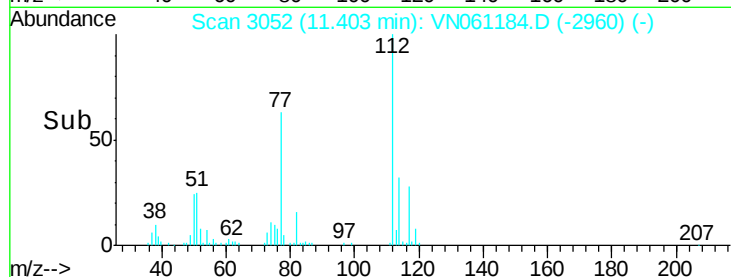
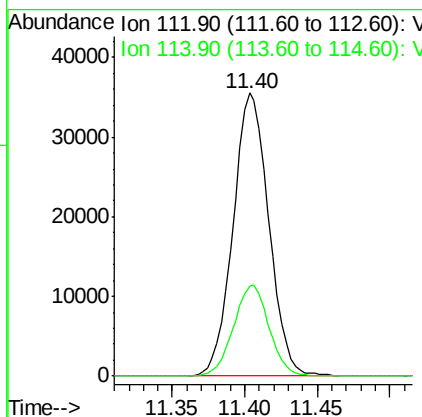
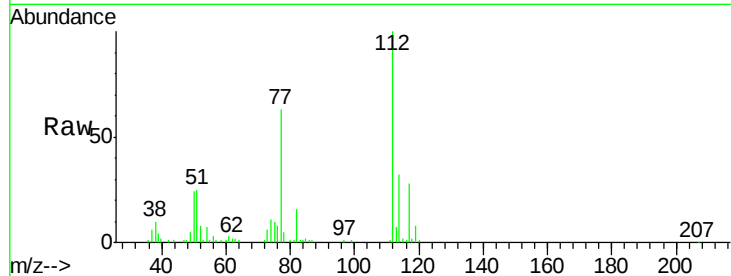
#65
Chlorobenzene
Concen: 19.120 ug/l
RT: 11.40 min Scan# 3052
Delta R.T. -0.00 min
Lab File: VN061184.D
Acq: 29 Apr 2020 11:55

Instrument :
MSVOA_N
ClientSampleId :
VN0429WBSD01

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.9	25.4	38.2

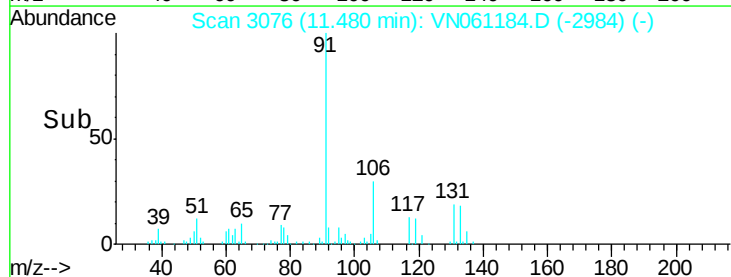
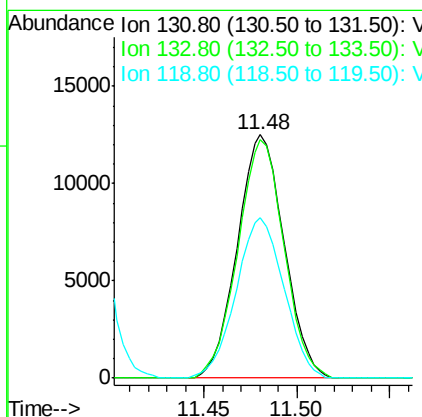
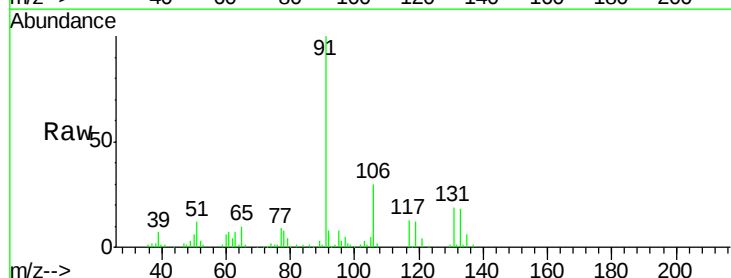
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.244 ug/l
RT: 11.48 min Scan# 3076
Delta R.T. -0.00 min
Lab File: VN061184.D
Acq: 29 Apr 2020 11:55

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.8	48.0	144.2
119	67.3	32.6	97.8





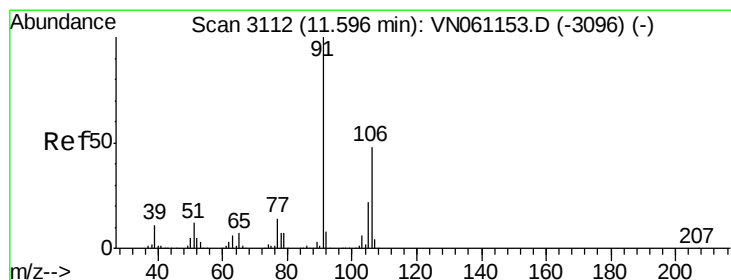
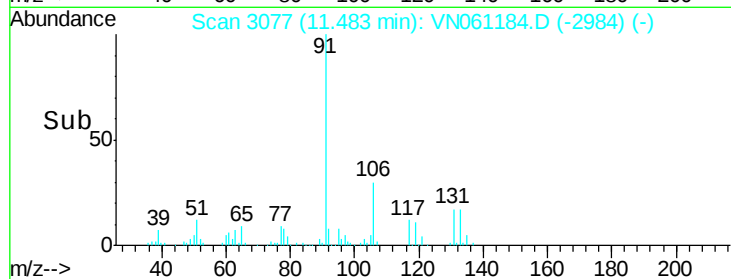
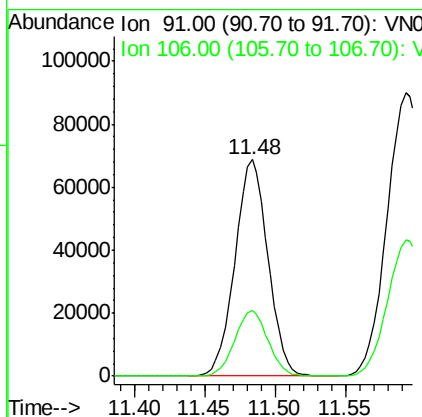
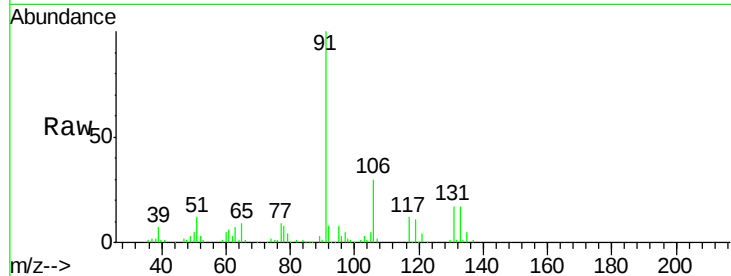
#67
Ethyl Benzene
Concen: 19.002 ug/l
RT: 11.48 min Scan# 3077
Delta R.T. 0.00 min
Lab File: VN061184.D
Acq: 29 Apr 2020 11:55

Instrument :
MSVOA_N
ClientSampled :
VN0429WBSD01

Tot Ion: 91 Resp: 112956
Ion Ratio Lower Upper
91 100
106 30.3 23.8 35.6

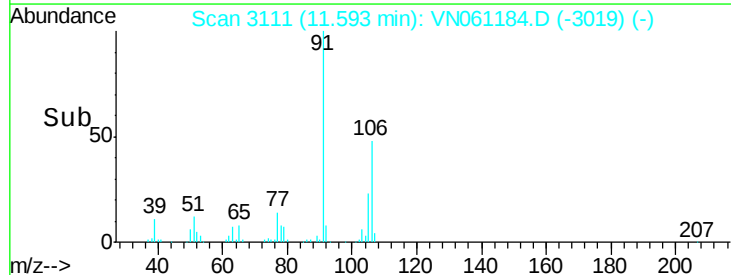
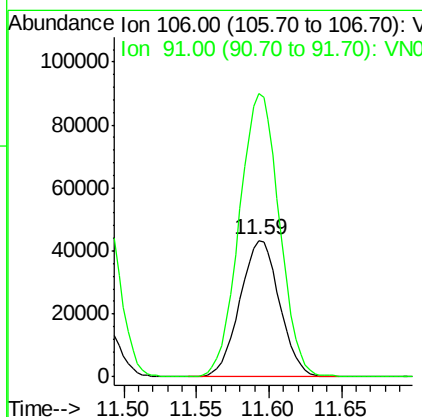
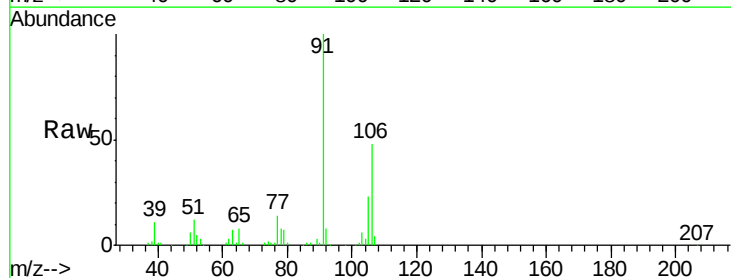
Manual Integrations
APPROVED

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#68
m/p-Xylenes
Concen: 37.861 ug/l
RT: 11.59 min Scan# 3111
Delta R.T. -0.00 min
Lab File: VN061184.D
Acq: 29 Apr 2020 11:55

Tgt Ion: 106 Resp: 82382
Ion Ratio Lower Upper
106 100
91 210.0 166.4 249.6





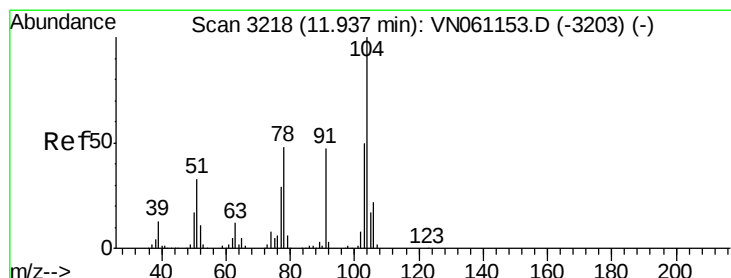
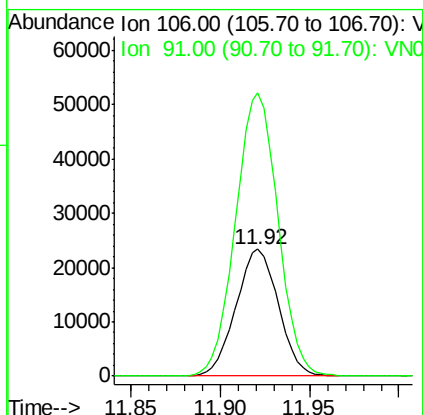
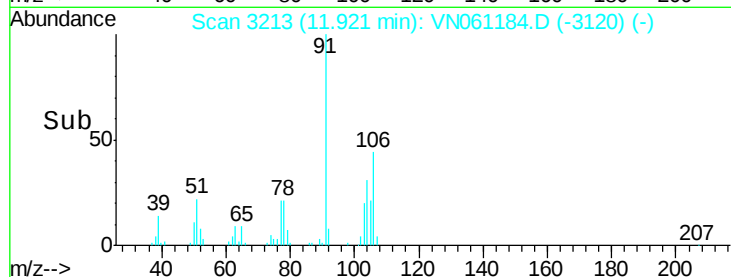
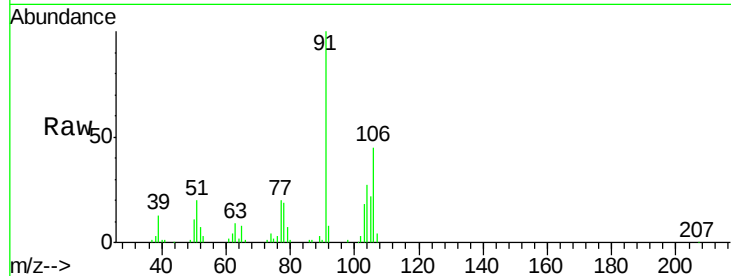
#69
o-Xylene
Concen: 18.539 ug/l
RT: 11.92 min Scan# 3213
Delta R.T. 0.00 min
Lab File: VN061184.D
Acq: 29 Apr 2020 11:55

Instrument :
MSVOA_N
ClientSampleId :
VN0429WBSD01

Tot Ion:106 Resp: 38747
Ion Ratio Lower Upper
106 100
91 222.7 109.7 329.0

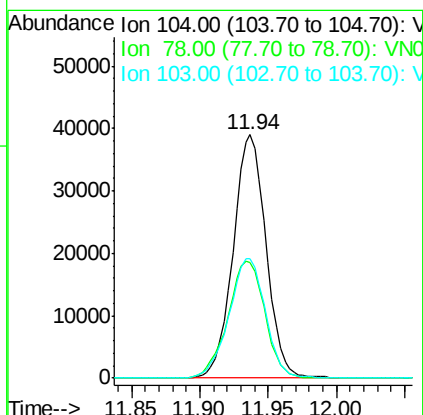
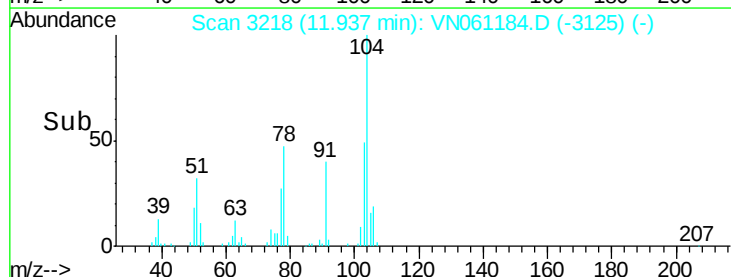
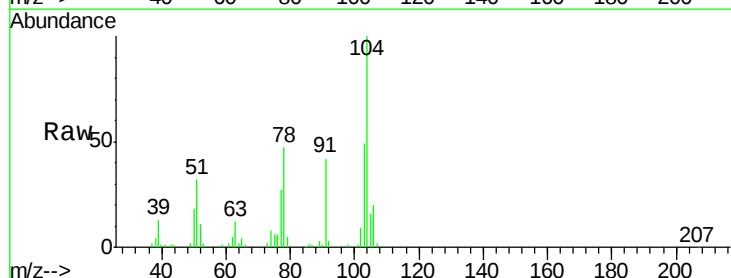
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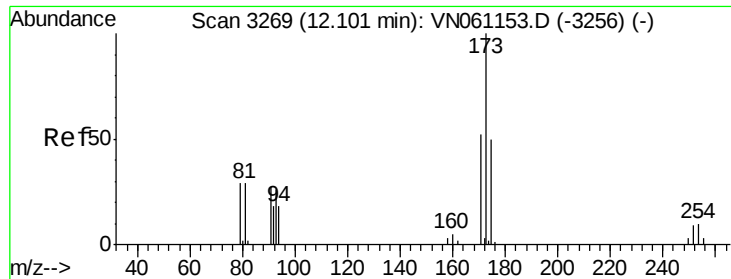
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#70
Styrene
Concen: 18.646 ug/l
RT: 11.94 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN061184.D
Acq: 29 Apr 2020 11:55

Tgt Ion:104 Resp: 65226
Ion Ratio Lower Upper
104 100
78 54.2 42.1 63.1
103 54.4 43.3 64.9





#71

Bromoform

Concen: 19.567 ug/l

RT: 12.10 min Scan# 3268

Delta R.T. -0.00 min

Lab File: VN061184.D

Acq: 29 Apr 2020 11:55

Instrument :

MSVOA_N

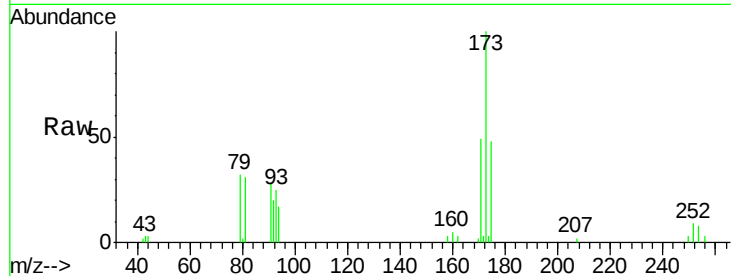
ClientSampleId :

VN0429WBSD01

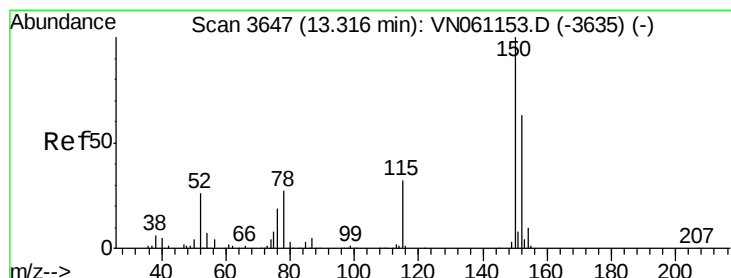
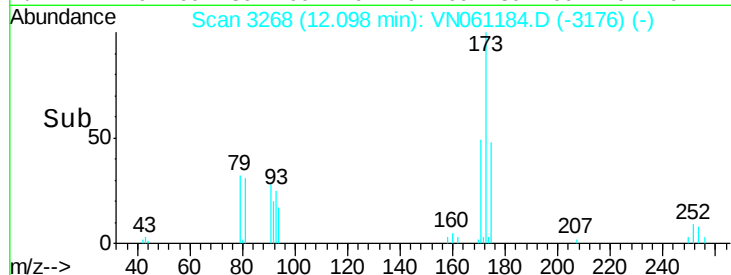
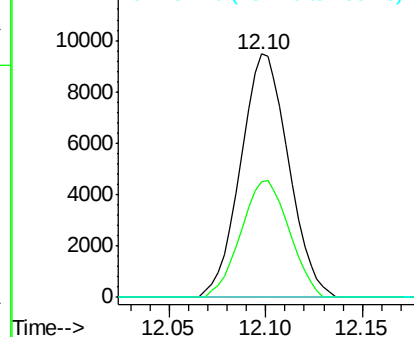
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.1	24.1	72.4
254	0.0	0.0	0.0

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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

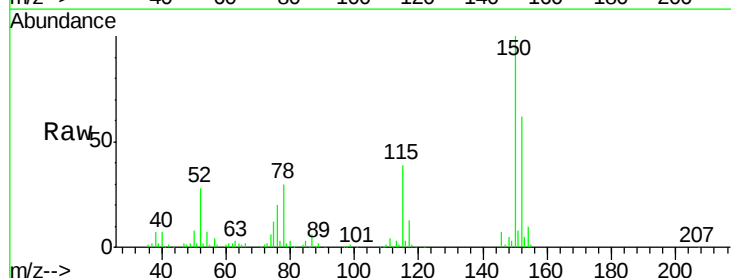
RT: 13.32 min Scan# 3647

Delta R.T. 0.00 min

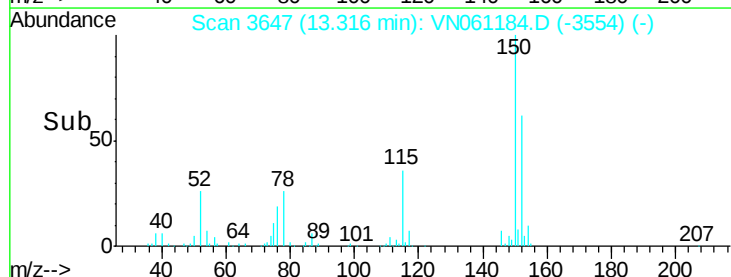
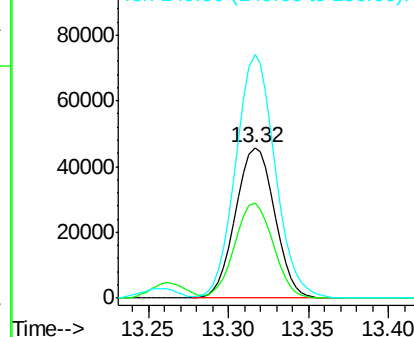
Lab File: VN061184.D

Acq: 29 Apr 2020 11:55

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.1	31.0	93.0
150	162.7	0.0	351.8



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: 18.911 ug/l

RT: 12.22 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN061184.D

Acq: 29 Apr 2020 11:55

Instrument :

MSVOA_N

ClientSampled :

VN0429WBSD01

Tot Ion:105 Resp: 106195

Ion Ratio Lower Upper

105 100

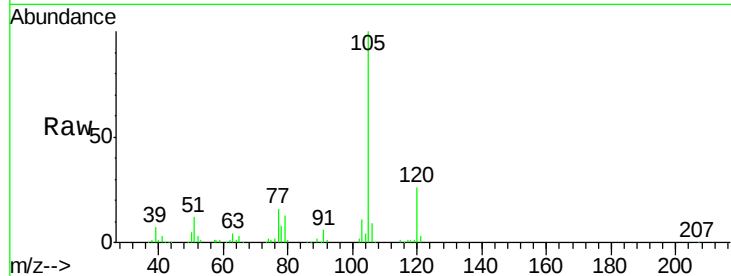
120 26.1 12.6 37.8

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.22

60000

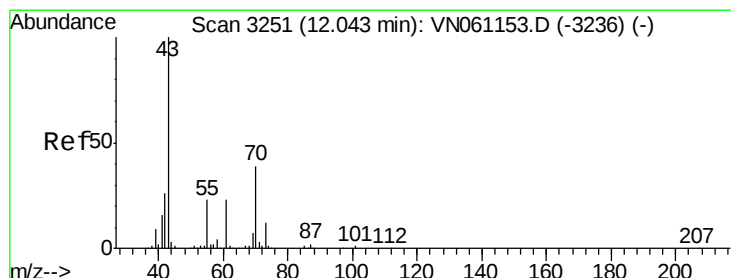
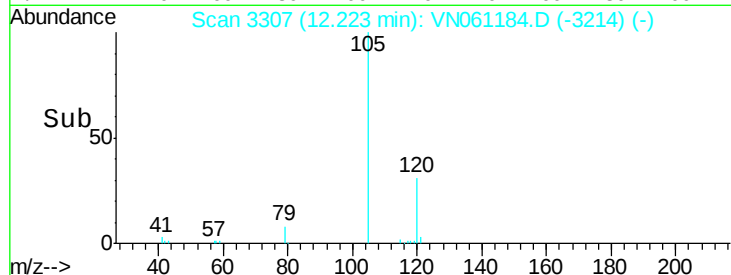
40000

20000

0

Time-->

12.15 12.20 12.25 12.30



#74

N-ethyl acetate

Concen: 18.864 ug/l

RT: 12.04 min Scan# 3251

Delta R.T. 0.00 min

Lab File: VN061184.D

Acq: 29 Apr 2020 11:55

Tgt Ion: 43 Resp: 53642

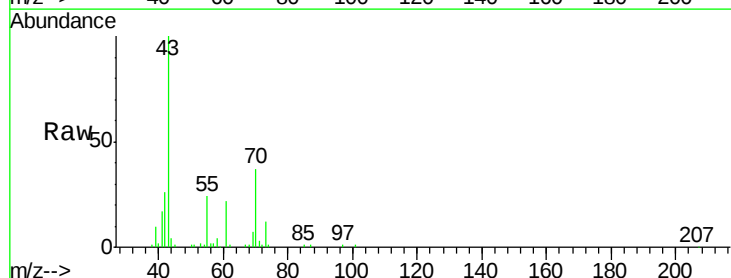
Ion Ratio Lower Upper

43 100

70 36.5 30.6 46.0

55 23.7 18.5 27.7

61 21.9 17.9 26.9



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

12.04

50000

40000

30000

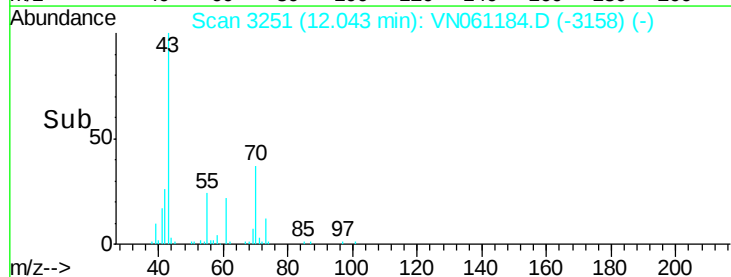
20000

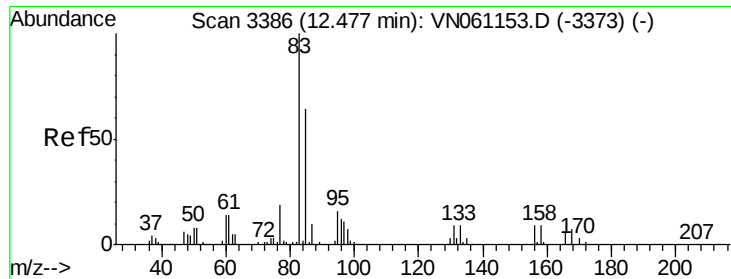
10000

0

Time-->

12.00 12.10





#75

1,1,2,2-Tetrachloroethane

Concen: 19.055 ug/l

RT: 12.48 min Scan# 3386

Delta R.T. 0.00 min

Lab File: VN061184.D

Acq: 29 Apr 2020 11:55

Instrument :

MSVOA_N

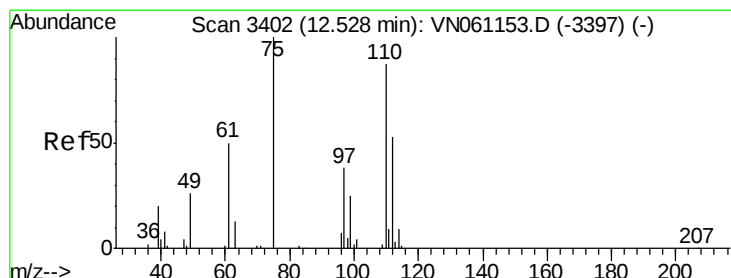
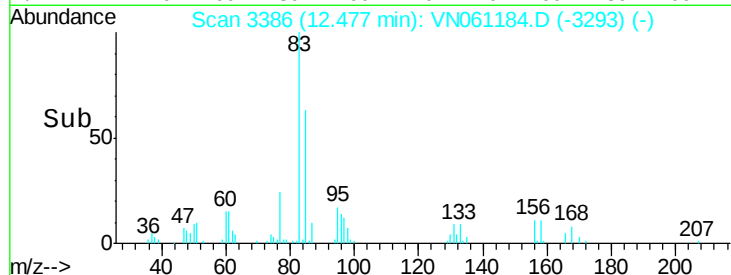
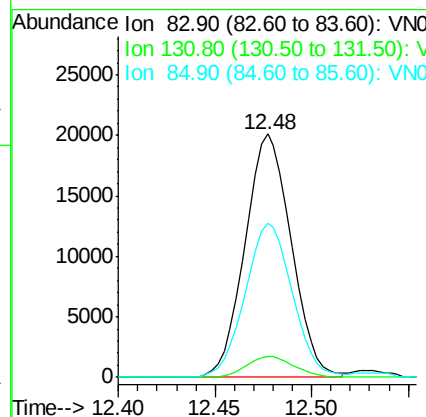
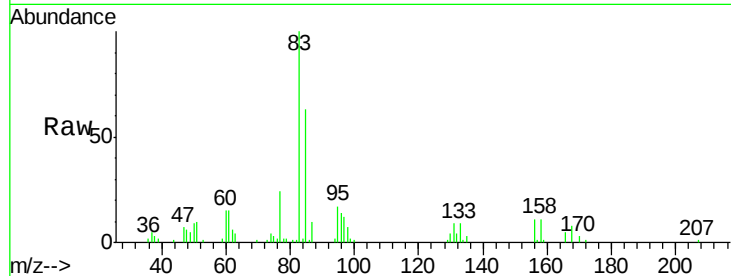
ClientSampleId :

VN0429WBSD01

Tot Ion:	83	Resp:	33365
Ion Ratio	Lower	Upper	
83	100		
131	8.8	4.8	14.3
85	64.7	32.0	96.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 20.825 ug/l m

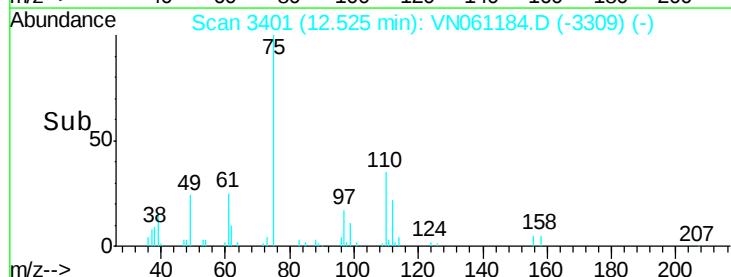
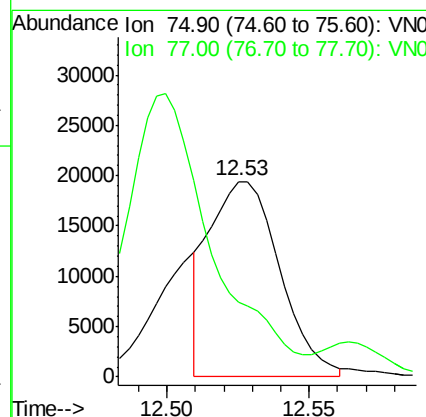
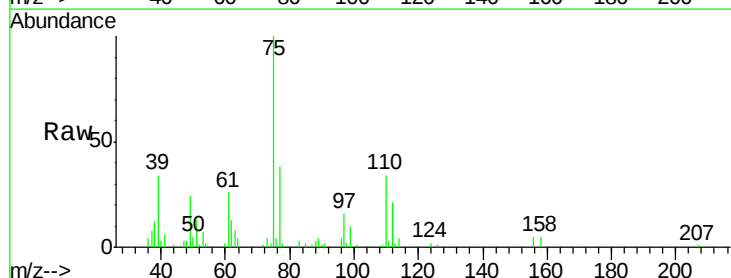
RT: 12.53 min Scan# 3401

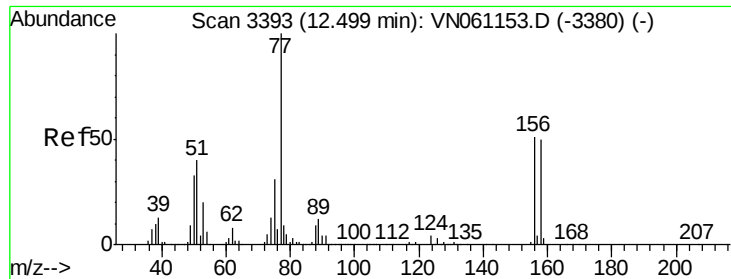
Delta R.T. -0.00 min

Lab File: VN061184.D

Acq: 29 Apr 2020 11:55

Tgt Ion:	75	Resp:	33537
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





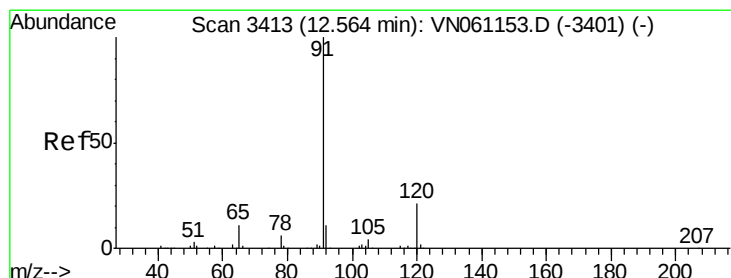
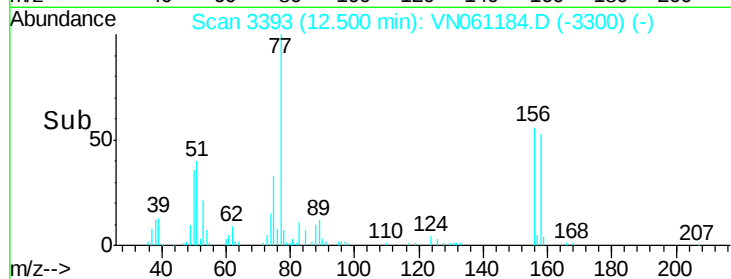
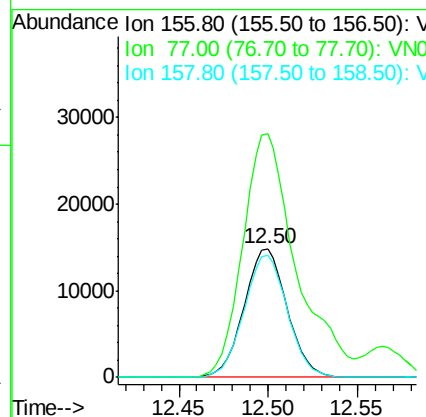
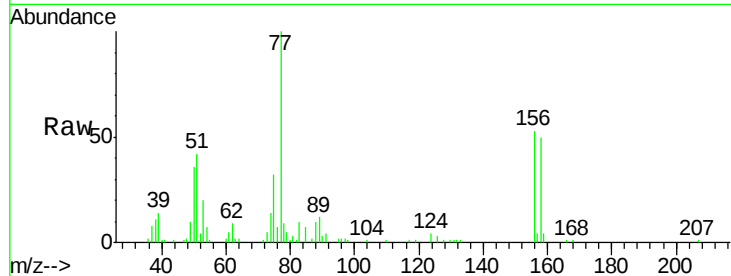
#77
Bromobenzene
Concen: 19.301 ug/l
RT: 12.50 min Scan# 3393
Delta R.T. 0.00 min
Lab File: VN061184.D
Acq: 29 Apr 2020 11:55

Instrument :
MSVOA_N
ClientSampleId :
VN0429WBSD01

Tot Ion	Ratio	Lower	Upper
156	100		
77	235.1	117.4	352.2
158	95.8	48.4	145.0

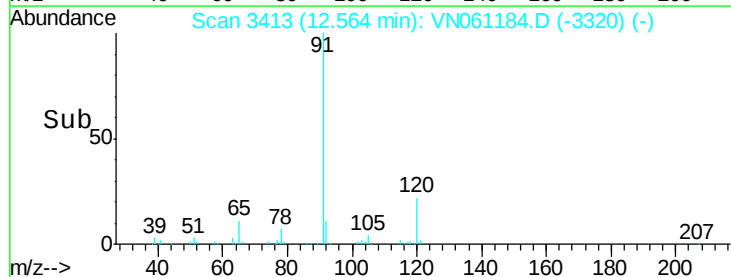
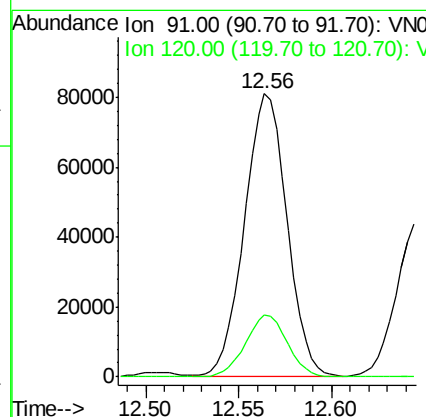
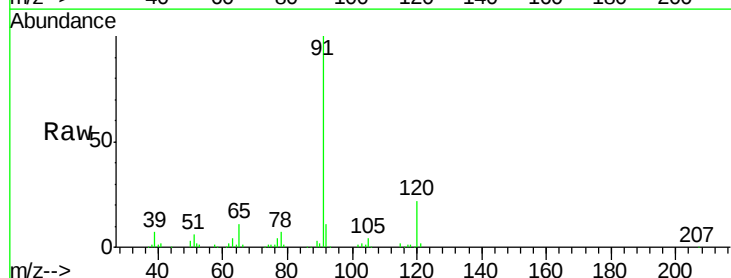
Manual Integrations
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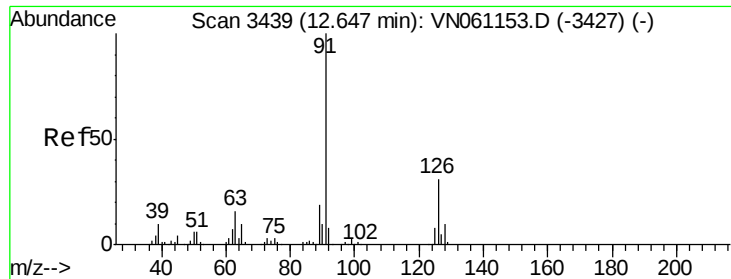
MMDadoda
4/30/2020 2:11:19 PM



#78
n-propylbenzene
Concen: 19.272 ug/l
RT: 12.56 min Scan# 3413
Delta R.T. 0.00 min
Lab File: VN061184.D
Acq: 29 Apr 2020 11:55

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.7	10.8	32.3





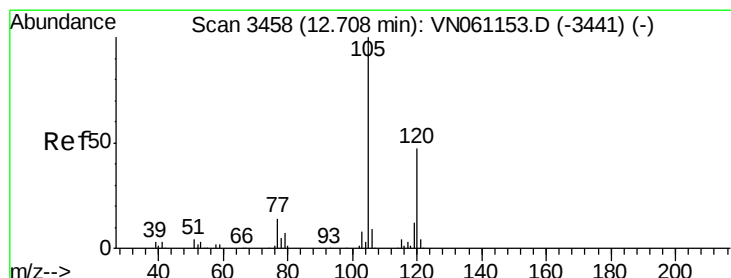
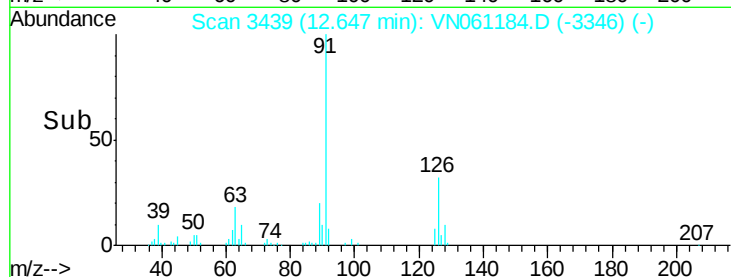
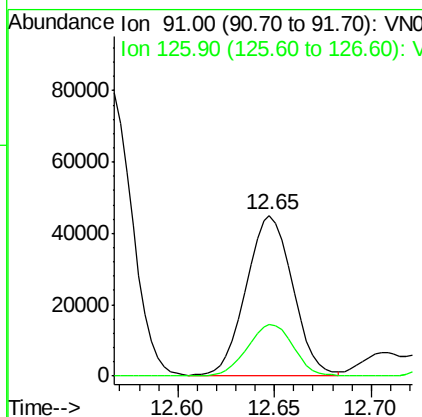
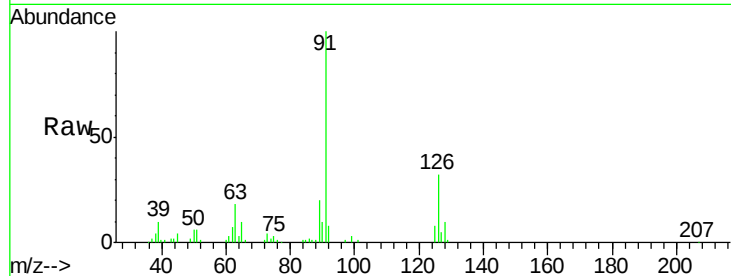
#79
 2-Chlorotoluene
 Concen: 19.143 ug/l
 RT: 12.65 min Scan# 3439
 Delta R.T. 0.00 min
 Lab File: VN061184.D
 Acq: 29 Apr 2020 11:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0429WBSD01

Tot Ion: 91 Resp: 74943
 Ion Ratio Lower Upper
 91 100
 126 32.1 15.9 47.7

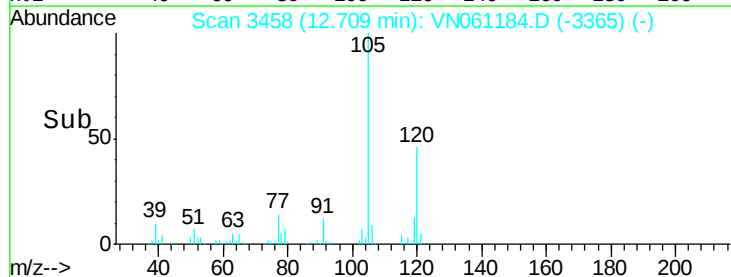
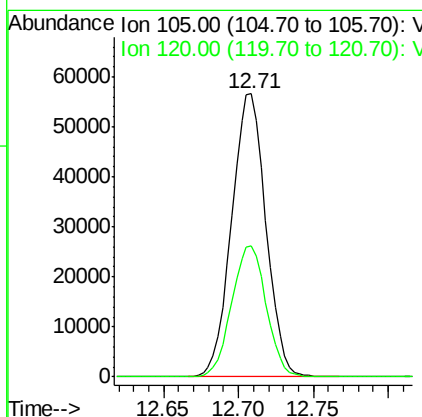
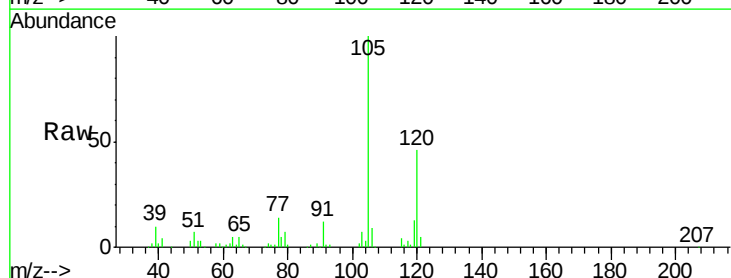
Manual Integrations
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#80
 1,3,5-Trimethylbenzene
 Concen: 19.416 ug/l
 RT: 12.71 min Scan# 3458
 Delta R.T. 0.00 min
 Lab File: VN061184.D
 Acq: 29 Apr 2020 11:55

Tgt Ion: 105 Resp: 90239
 Ion Ratio Lower Upper
 105 100
 120 46.6 23.9 71.7





#81

trans-1,4-Dichloro-2-butene

Concen: 19.356 ug/l

RT: 12.27 min Scan# 3323

Delta R.T. 0.00 min

Lab File: VN061184.D

Acq: 29 Apr 2020 11:55

Instrument :

MSVOA_N

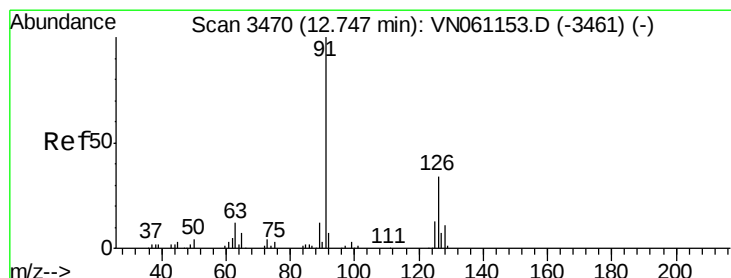
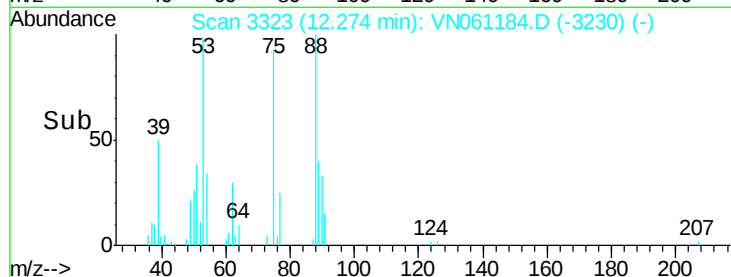
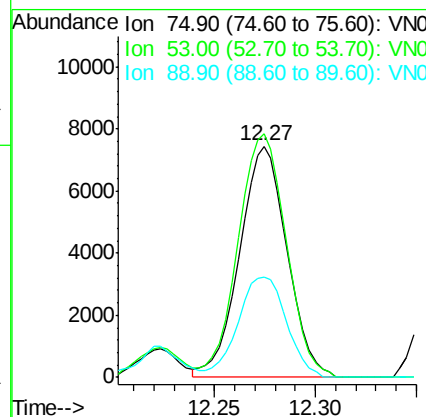
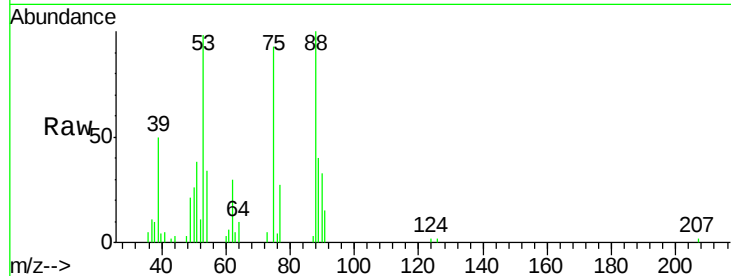
ClientSampleId :

VN0429WBSD01

Tot Ion:	75	Resp:	12275
Ion Ratio	Lower	Upper	
75	100		
53	106.7	84.1	126.1
89	44.1	35.2	52.8

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#82

4-Chlorotoluene

Concen: 19.297 ug/l

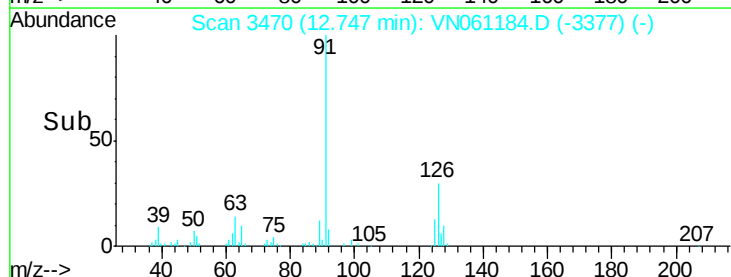
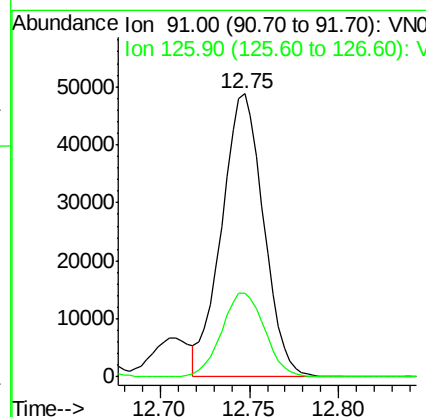
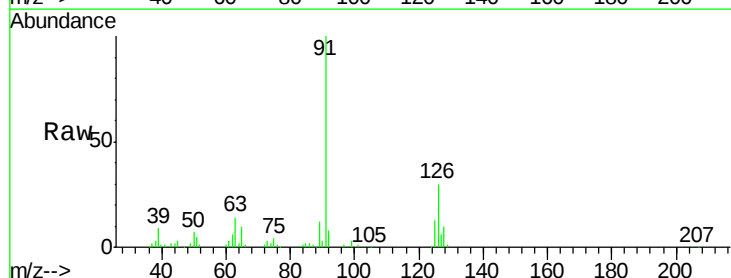
RT: 12.75 min Scan# 3470

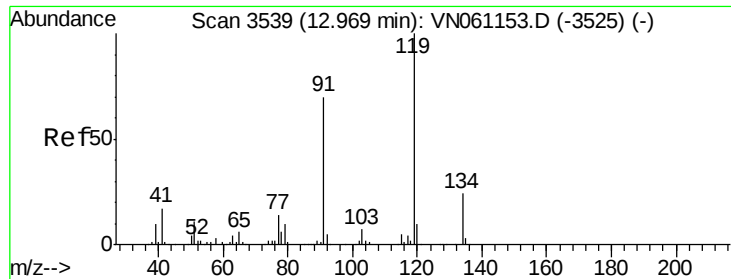
Delta R.T. 0.00 min

Lab File: VN061184.D

Acq: 29 Apr 2020 11:55

Tgt Ion:	91	Resp:	79625
Ion Ratio	Lower	Upper	
91	100		
126	30.3	15.7	47.1





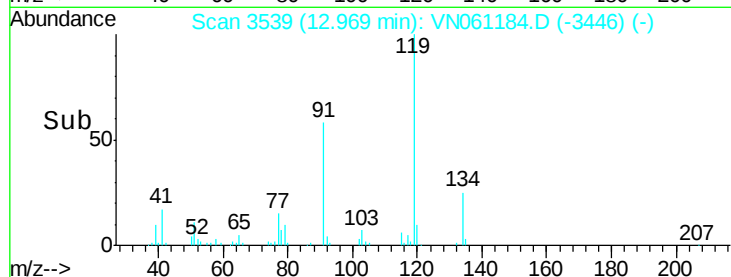
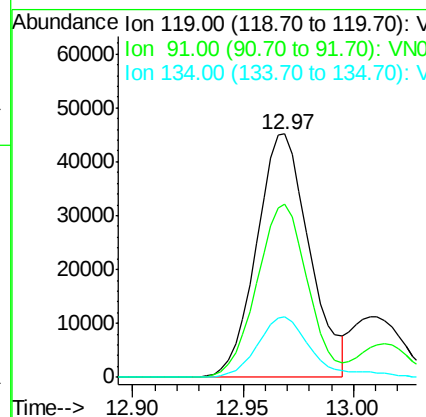
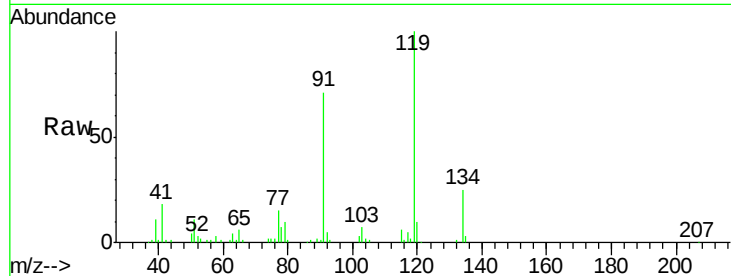
#83
 tert-Butylbenzene
 Concen: 19.194 ug/l
 RT: 12.97 min Scan# 3539
 Delta R.T. 0.00 min
 Lab File: VN061184.D
 Acq: 29 Apr 2020 11:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0429WBSD01

Tot Ion	Ratio	Lower	Upper
119	100		
91	68.2	34.8	104.4
134	25.6	12.9	38.7

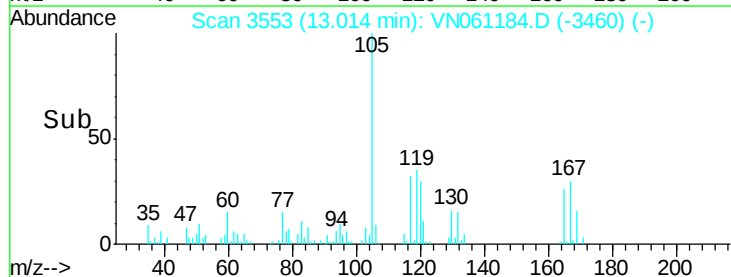
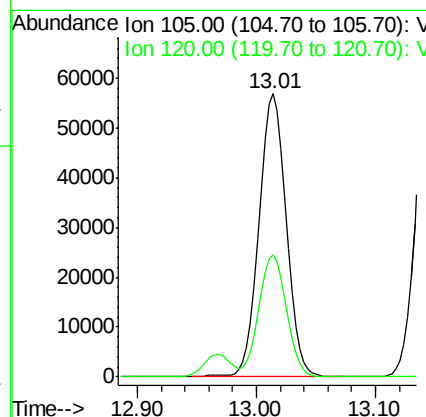
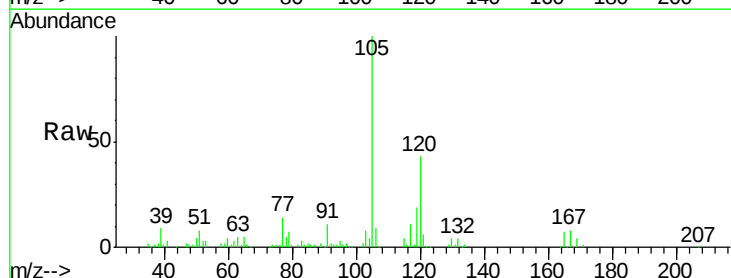
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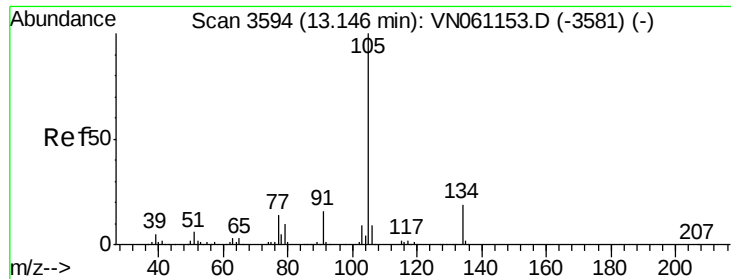
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#84
 1,2,4-Trimethylbenzene
 Concen: 18.883 ug/l
 RT: 13.01 min Scan# 3553
 Delta R.T. 0.00 min
 Lab File: VN061184.D
 Acq: 29 Apr 2020 11:55

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.7	22.2	66.6





#85

sec-Butylbenzene

Concen: 19.200 ug/l

RT: 13.15 min Scan# 3594

Delta R.T. 0.00 min

Lab File: VN061184.D

Acq: 29 Apr 2020 11:55

Instrument :

MSVOA_N

ClientSampled :

VN0429WBSD01

Tot Ion:105 Resp: 102589

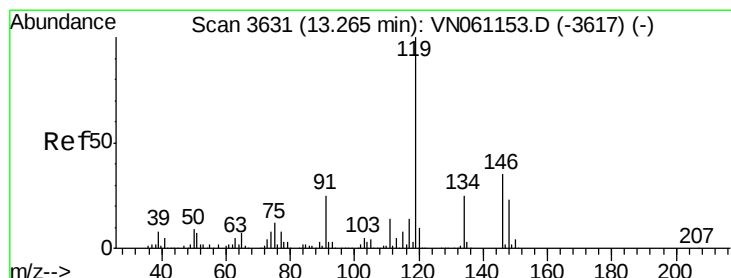
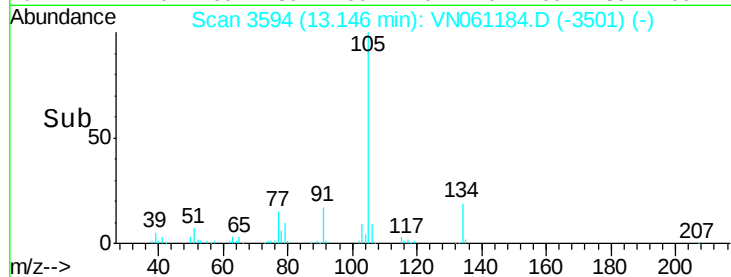
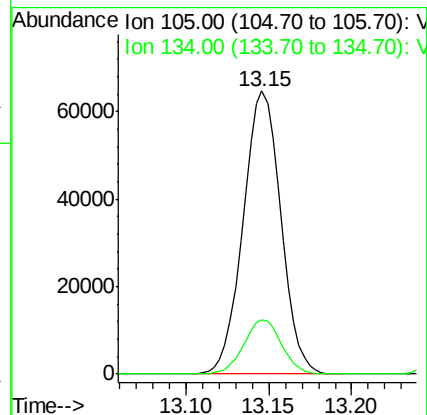
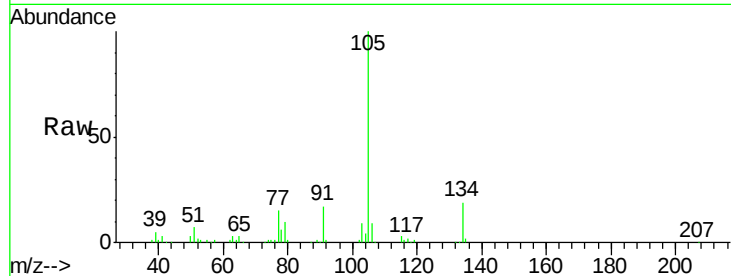
Ion Ratio Lower Upper

105 100

134 19.2 9.6 28.8

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#86

p-Isopropyltoluene

Concen: 19.276 ug/l

RT: 13.26 min Scan# 3630

Delta R.T. -0.00 min

Lab File: VN061184.D

Acq: 29 Apr 2020 11:55

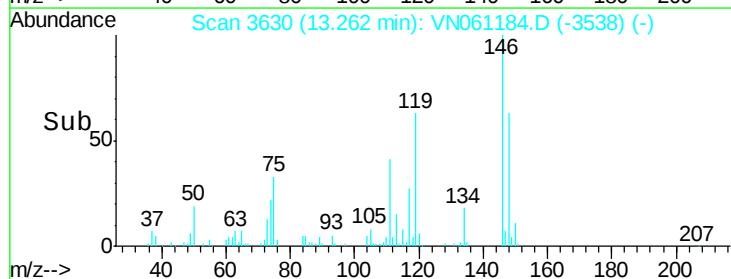
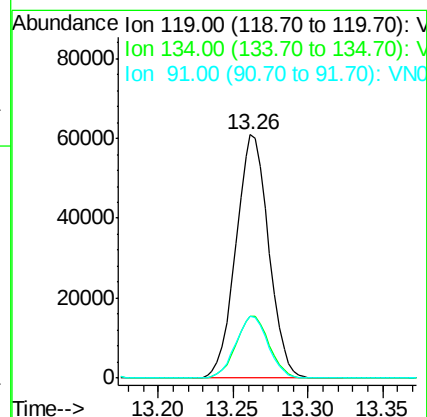
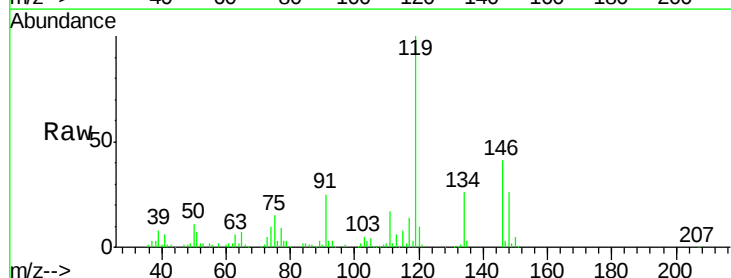
Tgt Ion:119 Resp: 92796

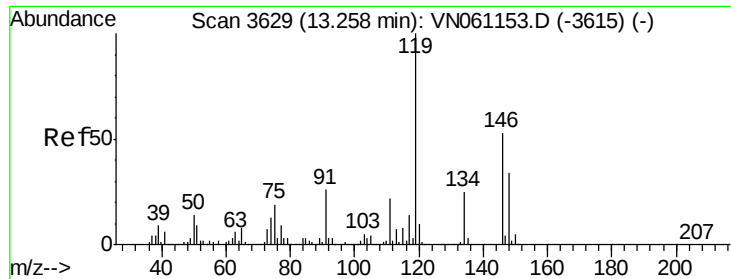
Ion Ratio Lower Upper

119 100

134 25.6 12.6 37.6

91 25.2 12.7 38.0





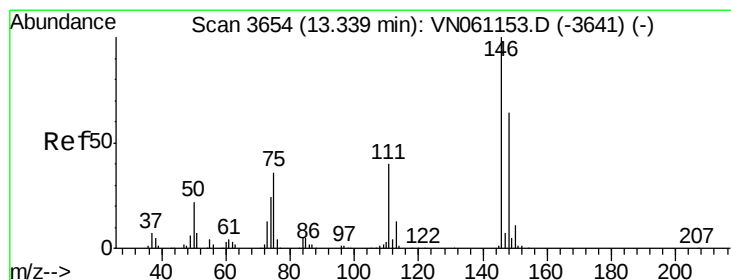
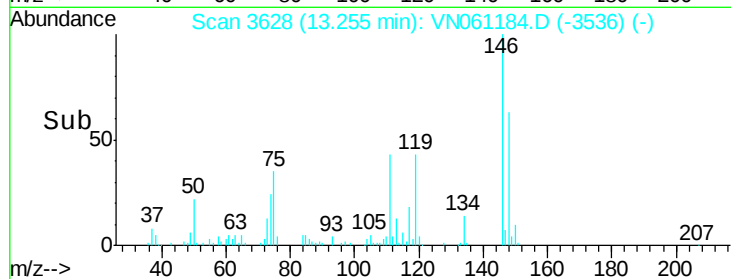
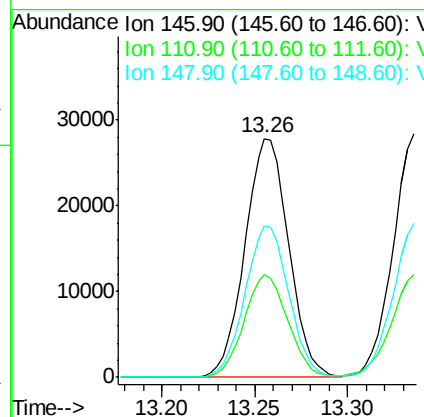
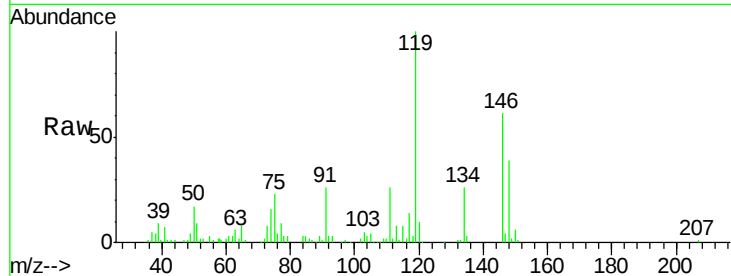
#87
 1,3-Dichlorobenzene
 Concen: 19.134 ug/l
 RT: 13.26 min Scan# 3628
 Delta R.T. -0.00 min
 Lab File: VN061184.D
 Acq: 29 Apr 2020 11:55

Instrument :
 MSVOA_N
 ClientSampled :
 VN0429WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.8	20.7	62.1
148	63.1	31.8	95.3

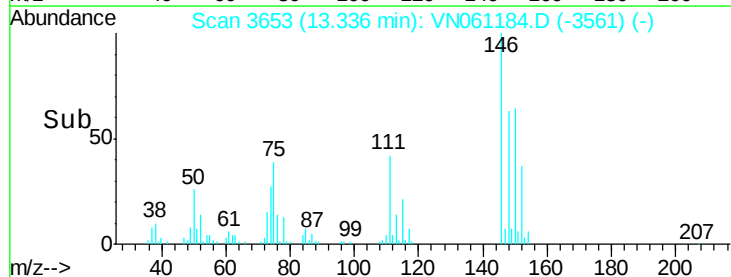
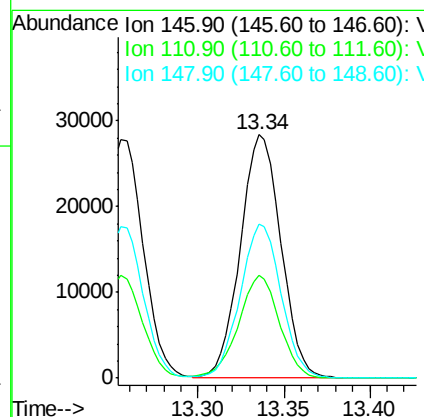
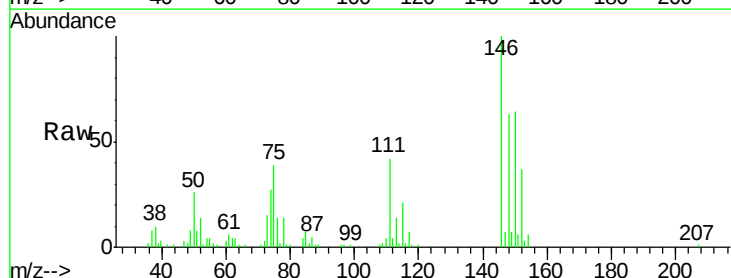
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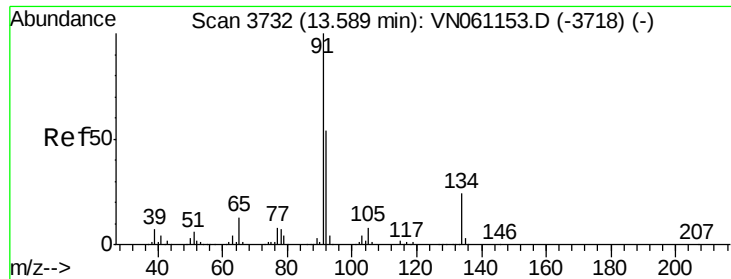
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#88
 1,4-Dichlorobenzene
 Concen: 19.088 ug/l
 RT: 13.34 min Scan# 3653
 Delta R.T. -0.00 min
 Lab File: VN061184.D
 Acq: 29 Apr 2020 11:55

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.8	20.4	61.3
148	63.9	31.9	95.7





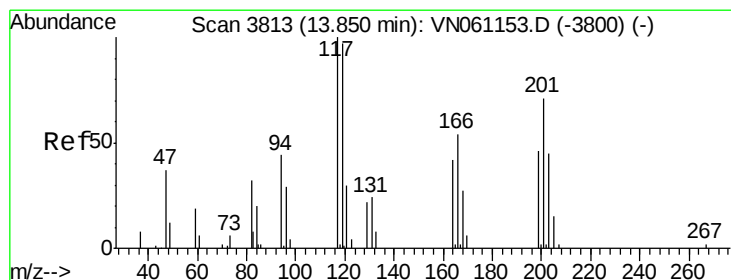
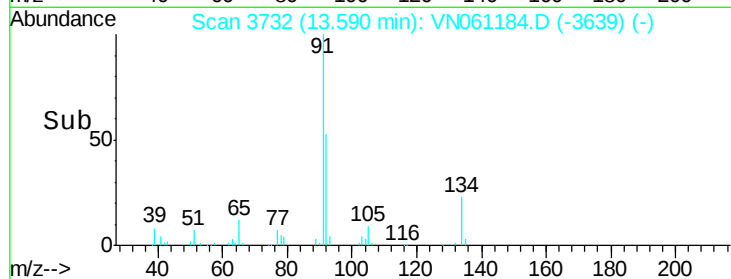
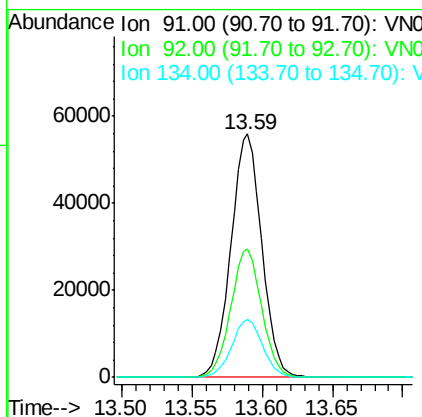
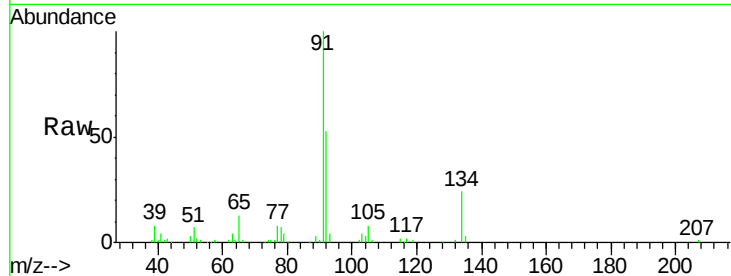
#89
n-Butylbenzene
Concen: 19.393 ug/l
RT: 13.59 min Scan# 3732
Delta R.T. 0.00 min
Lab File: VN061184.D
Acq: 29 Apr 2020 11:55

Instrument :
MSVOA_N
ClientSampleId :
VN0429WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.7	26.8	80.3
134	23.8	11.9	35.5

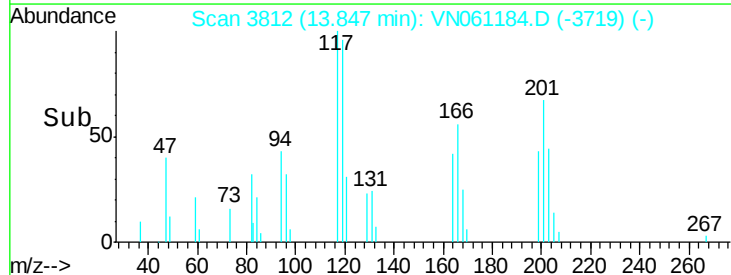
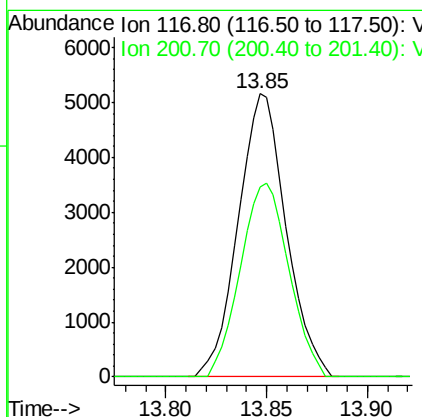
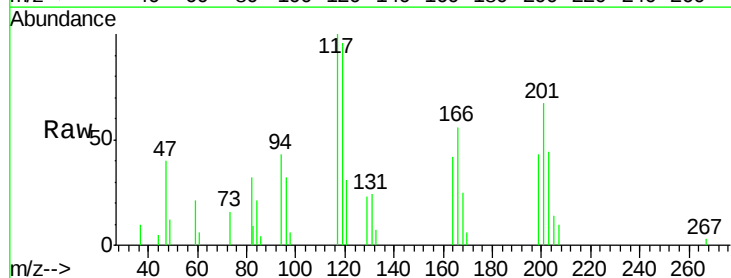
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#90
Hexachloroethane
Concen: 22.097 ug/l
RT: 13.85 min Scan# 3812
Delta R.T. -0.00 min
Lab File: VN061184.D
Acq: 29 Apr 2020 11:55

Tgt Ion	Ratio	Lower	Upper
117	100		
201	69.2	35.5	106.7





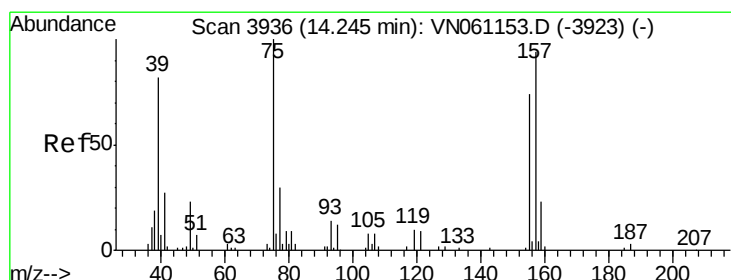
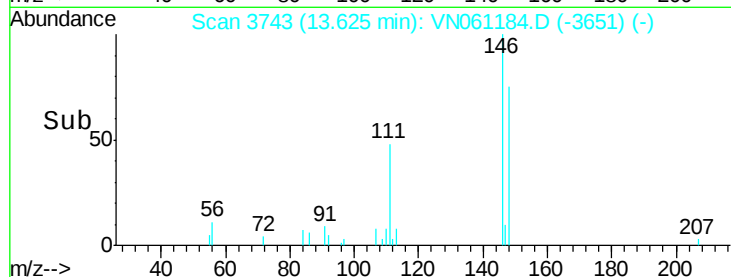
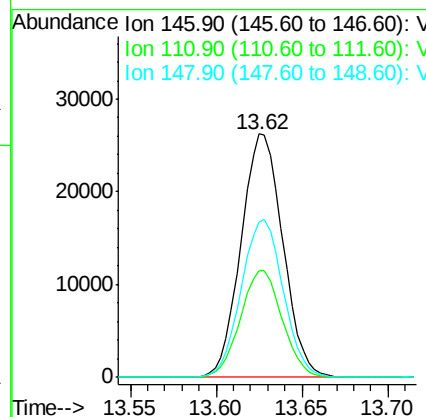
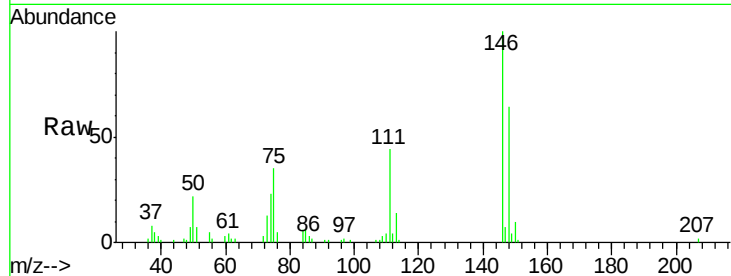
#91
 1,2-Dichlorobenzene
 Concen: 19.311 ug/l
 RT: 13.62 min Scan# 3743
 Delta R.T. -0.00 min
 Lab File: VN061184.D
 Acq: 29 Apr 2020 11:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0429WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.9	21.8	65.3
148	65.4	31.6	95.0

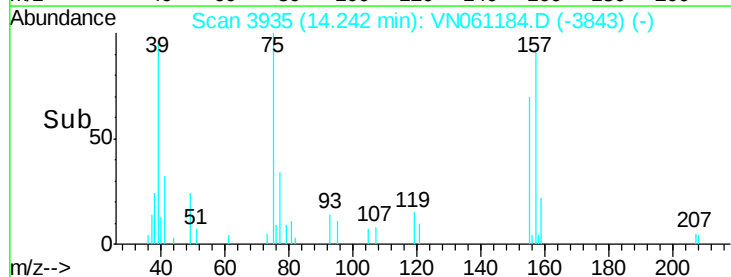
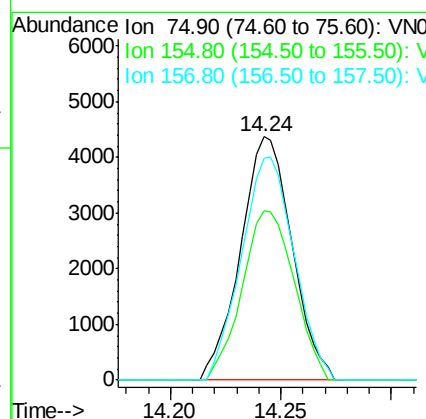
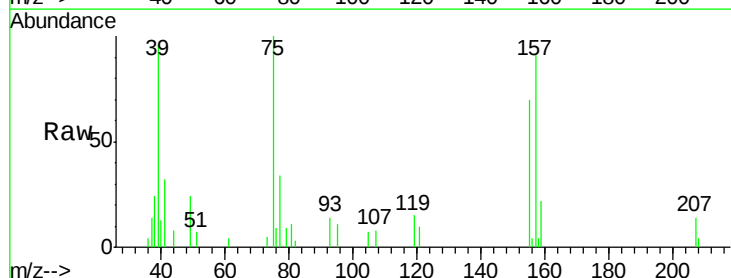
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.145 ug/l
 RT: 14.24 min Scan# 3935
 Delta R.T. -0.00 min
 Lab File: VN061184.D
 Acq: 29 Apr 2020 11:55

Tgt Ion	Ratio	Lower	Upper
75	100		
155	70.0	36.5	109.7
157	93.5	46.6	139.7





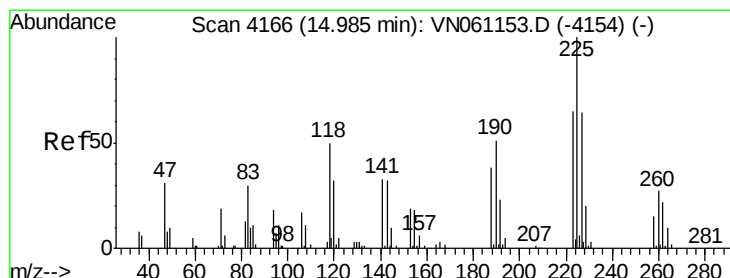
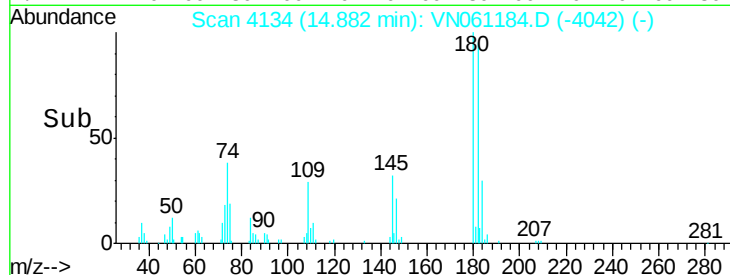
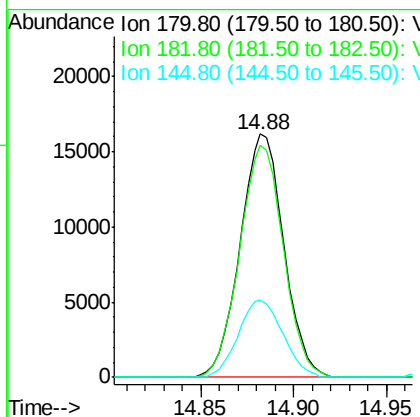
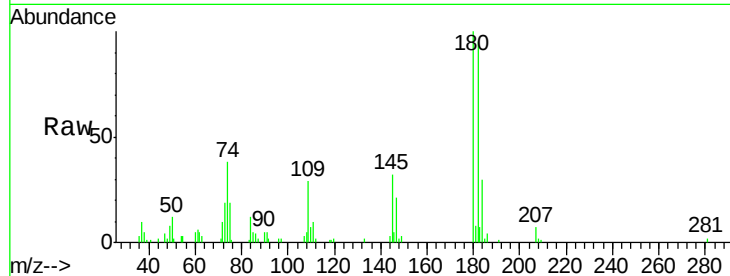
#93
 1,2,4-Trichlorobenzene
 Concen: 19.021 ug/l
 RT: 14.88 min Scan# 4134
 Delta R.T. -0.00 min
 Lab File: VN061184.D
 Acq: 29 Apr 2020 11:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0429WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	26504		
182	95.6	47.3	141.9	
145	32.5	16.0	47.9	

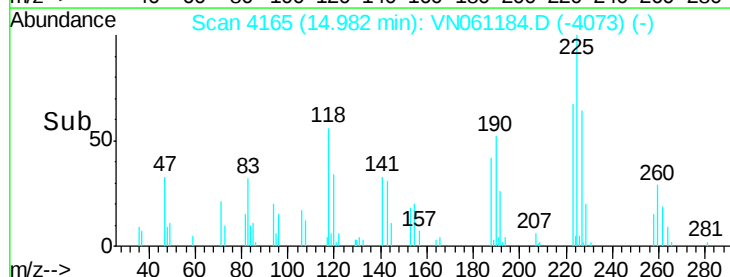
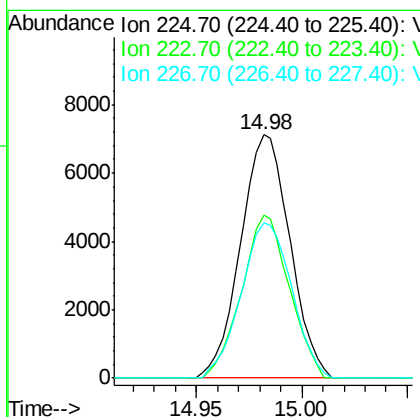
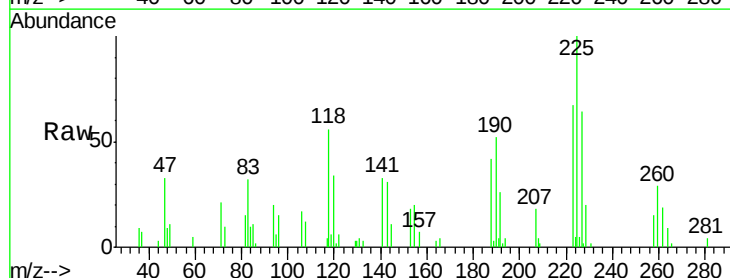
Manual Integrations
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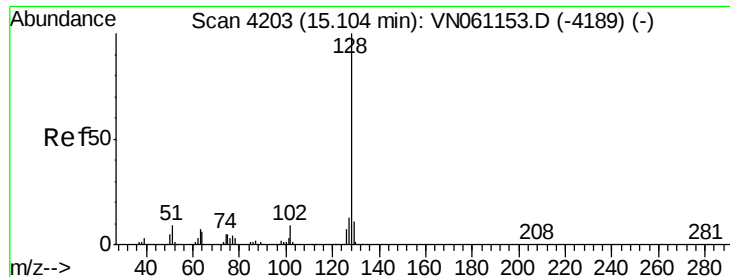
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#94
 Hexachlorobutadiene
 Concen: 19.867 ug/l
 RT: 14.98 min Scan# 4165
 Delta R.T. -0.00 min
 Lab File: VN061184.D
 Acq: 29 Apr 2020 11:55

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	11565		
223	64.9	32.4	97.0	
227	65.6	32.4	97.0	





#95

Naphthalene

Concen: 18.199 ug/l

RT: 15.10 min Scan# 4203

Delta R.T. 0.00 min

Lab File: VN061184.D

Acq: 29 Apr 2020 11:55

Instrument :

MSVOA_N

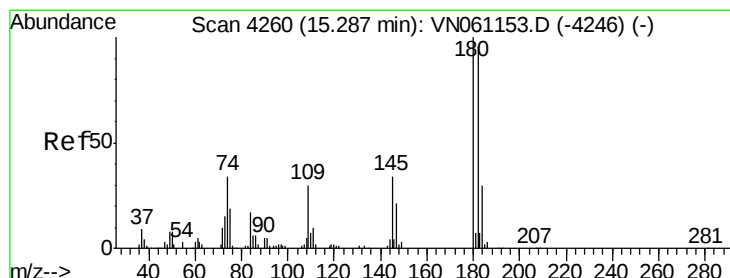
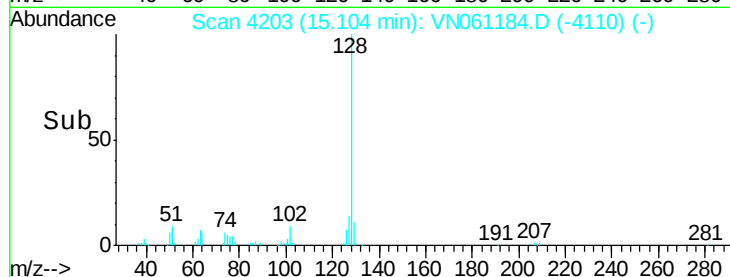
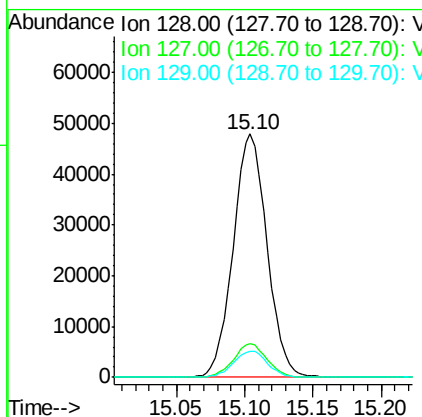
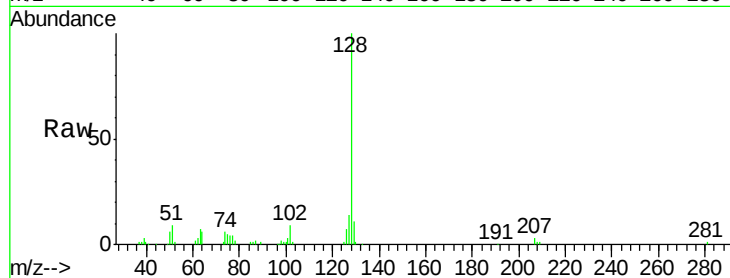
ClientSampleId :

VN0429WBSD01

Tot Ion:	128	Resp:	82584
Ion Ratio	Lower	Upper	
128	100		
127	13.5	10.4	15.6
129	10.7	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
4/30/2020 2:11:19 PM



#96

1,2,3-Trichlorobenzene

Concen: 19.013 ug/l

RT: 15.28 min Scan# 4259

Delta R.T. -0.00 min

Lab File: VN061184.D

Acq: 29 Apr 2020 11:55

Tgt Ion:	180	Resp:	26156
Ion Ratio	Lower	Upper	
180	100		
182	94.1	47.5	142.5
145	33.6	16.9	50.7

