

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN043020\
 Data File : VN061202.D
 Acq On : 30 Apr 2020 15:32
 Operator : JC/MD
 Sample : VN0430WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0430WBSD01

Manual Integrations
 APPROVED

MMDadoda
 5/1/2020 10:54:25 AM

Quant Time: May 01 03:44:07 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	109199	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	182754	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	169569	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	79789	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	85224	49.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.64%	
35) Dibromofluoromethane	7.54	113	55568	51.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.84%	
50) Toluene-d8	10.06	98	229763	52.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.32%	
62) 4-Bromofluorobenzene	12.38	95	83418	50.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	21513	18.578	ug/l	99
3) Chloromethane	2.03	50	30782	21.949	ug/l	97
4) Vinyl Chloride	2.16	62	28046	17.607	ug/l	97
5) Bromomethane	2.54	94	12134	15.410	ug/l	96
6) Chloroethane	2.67	64	15970	15.818	ug/l	100
7) Trichlorofluoromethane	2.98	101	35308	19.647	ug/l	99
8) Diethyl Ether	3.37	74	16862	22.495	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.72	101	22552	19.479	ug/l	99
10) Methyl Iodide	3.91	142	27734	18.640	ug/l	98
11) Tert butyl alcohol	4.72	59	22536	97.364	ug/l	97
12) 1,1-Dichloroethene	3.69	96	21949	19.051	ug/l	99
13) Acrolein	3.56	56	11092	71.911	ug/l	100
14) Allyl chloride	4.27	41	45385	21.245	ug/l	97
15) Acrylonitrile	4.93	53	74394	104.703	ug/l	99
16) Acetone	3.77	43	65620	94.767	ug/l	98
17) Carbon Disulfide	4.01	76	58870	18.497	ug/l	98
18) Methyl Acetate	4.27	43	41568	19.478	ug/l	96
19) Methyl tert-butyl Ether	4.99	73	83480	18.962	ug/l	97
20) Methylene Chloride	4.50	84	27412	20.346	ug/l	99
21) trans-1,2-Dichloroethene	4.98	96	24003	19.132	ug/l	98
22) Diisopropyl ether	5.90	45	103329	20.858	ug/l	98
23) Vinyl Acetate	5.84	43	399387	100.129	ug/l	99
24) 1,1-Dichloroethane	5.79	63	51319	19.827	ug/l	98
25) 2-Butanone	6.78	43	98809	96.641	ug/l	99
26) 2,2-Dichloropropane	6.77	77	40684	18.662	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	27781	18.870	ug/l	98
28) Bromochloromethane	7.15	49	27457	22.381	ug/l #	95
29) Tetrahydrofuran	7.16	42	67655	98.231	ug/l	97
30) Chloroform	7.33	83	47939	18.277	ug/l	99
31) Cyclohexane	7.61	56	45988	18.295	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	40117	17.564	ug/l	100
36) 1,1-Dichloropropene	7.75	75	36325	19.856	ug/l	96
37) Ethyl Acetate	6.88	43	43017	20.057	ug/l	100
38) Carbon Tetrachloride	7.73	117	27851	18.209	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	38257	18.647	ug/l	96
40) Benzene	8.00	78	106930	19.619	ug/l	100
41) Methacrylonitrile	7.12	41	19862	22.305	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	40480	19.605	ug/l	99
43) Isopropyl Acetate	8.12	43	69121	19.419	ug/l #	92
44) Trichloroethene	8.80	130	26580	18.040	ug/l	99
45) 1,2-Dichloropropane	9.08	63	30094	20.667	ug/l	100
46) Dibromomethane	9.17	93	17209	19.087	ug/l	96
47) Bromodichloromethane	9.37	83	37199	19.223	ug/l	99
48) Methyl methacrylate	9.16	41	30603	19.053	ug/l	99
49) 1,4-Dioxane	9.16	88	7401	405.928	ug/l	94
51) 4-Methyl-2-Pentanone	9.95	43	209555	100.020	ug/l	100
52) Toluene	10.12	92	63789	19.430	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	42452	19.469	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	45650	19.803	ug/l	94
55) 1,1,2-Trichloroethane	10.53	97	25083	19.155	ug/l	98
56) Ethyl methacrylate	10.40	69	38978	18.877	ug/l	96
57) 1,3-Dichloropropane	10.68	76	46347	20.136	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	113072	106.677	ug/l	98
59) 2-Hexanone	10.72	43	147845	96.995	ug/l	100
60) Dibromochloromethane	10.87	129	25702	18.741	ug/l	99
61) 1,2-Dibromoethane	10.98	107	25358	19.321	ug/l	99
64) Tetrachloroethene	10.60	164	27115	18.463	ug/l	97
65) Chlorobenzene	11.41	112	63690	18.935	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	23029	19.129	ug/l	100
67) Ethyl Benzene	11.48	91	119603	18.994	ug/l	99
68) m/p-Xylenes	11.60	106	86879	37.695	ug/l	97
69) o-Xylene	11.92	106	41288	18.649	ug/l	97
70) Styrene	11.94	104	69509	18.759	ug/l	98
71) Bromoform	12.10	173	16848	19.042	ug/l #	98
73) Isopropylbenzene	12.22	105	112384	19.160	ug/l	100
74) N-amyl acetate	12.05	43	56608	19.058	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	37361	20.427	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	34121m	20.284	ug/l	
77) Bromobenzene	12.50	156	26070	19.253	ug/l	95
78) n-propylbenzene	12.57	91	134415	19.320	ug/l	100
79) 2-Chlorotoluene	12.65	91	80760	19.749	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	94194	19.402	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	12553	18.951	ug/l	97
82) 4-Chlorotoluene	12.75	91	84981	19.717	ug/l	98
83) tert-Butylbenzene	12.97	119	78025	19.060	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	96411	19.275	ug/l	100
85) sec-Butylbenzene	13.15	105	106014	18.995	ug/l	100
86) p-Isopropyltoluene	13.26	119	95218	18.936	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	47973	19.245	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	48270	18.952	ug/l	98
89) n-Butylbenzene	13.59	91	87212	18.919	ug/l	99
90) Hexachloroethane	13.85	117	9008	22.181	ug/l	93
91) 1,2-Dichlorobenzene	13.63	146	46102	19.289	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	7277	18.838	ug/l	98

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ClientSampleId :
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QLast Update : Wed Apr 29 08:14:26 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	28190	19.369	ug/l	100
94) Hexachlorobutadiene	14.98	225	13089	21.527	ug/l	98
95) Naphthalene	15.11	128	85525	18.043	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	28065	19.531	ug/l	99

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

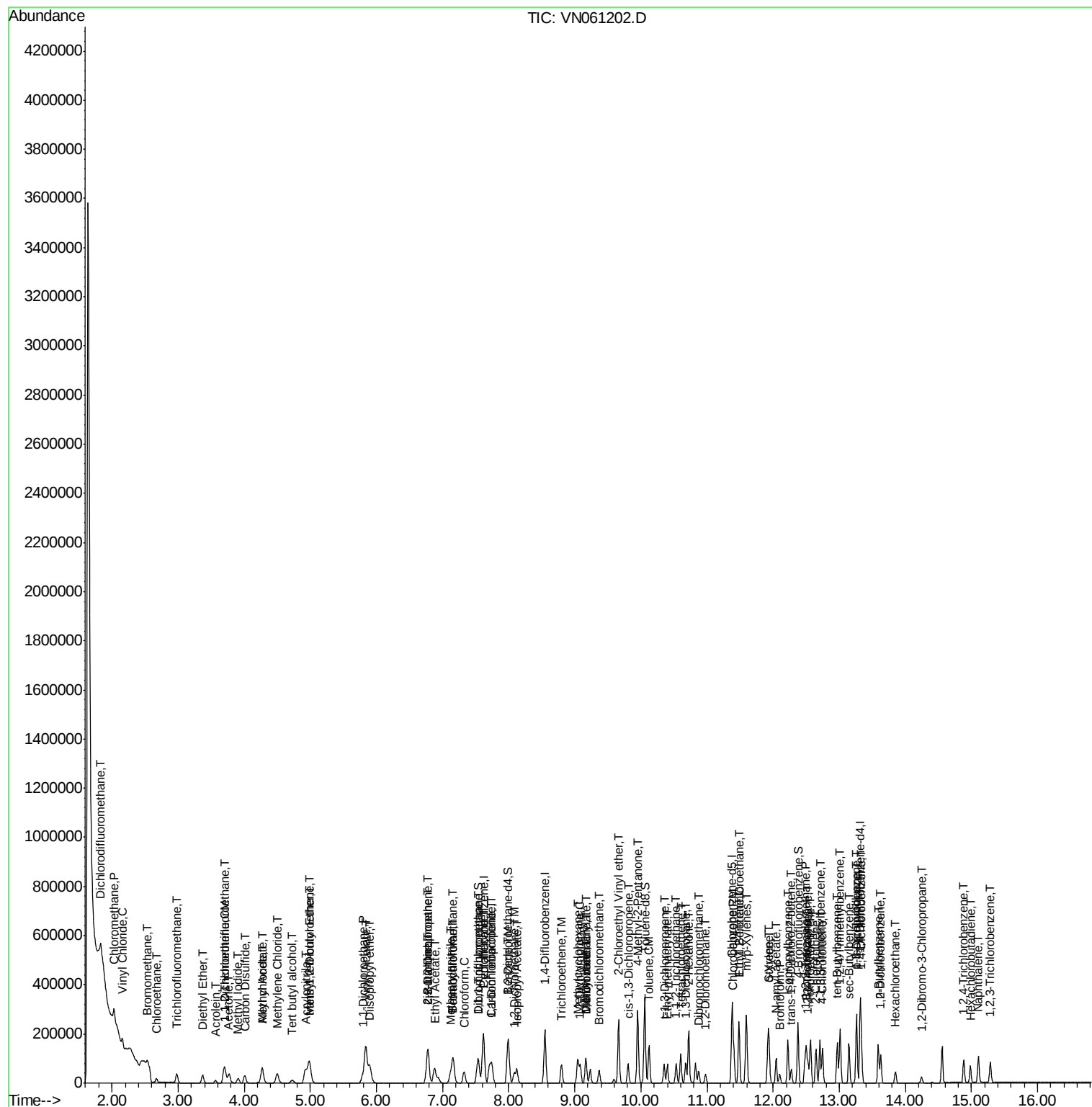
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Data File : VN061202.D
Acq On : 30 Apr 2020 15:32
Operator : JC/MD
Sample : VN0430WBSD01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 5 Sample Multiplier: 1

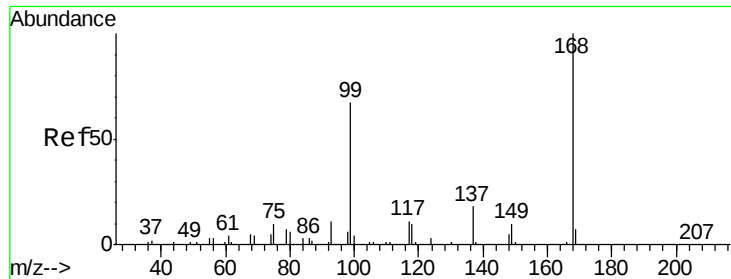
Instrument :
MSVOA_N
ClientSampleId :
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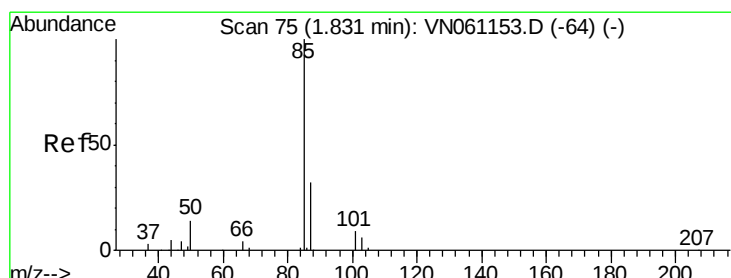
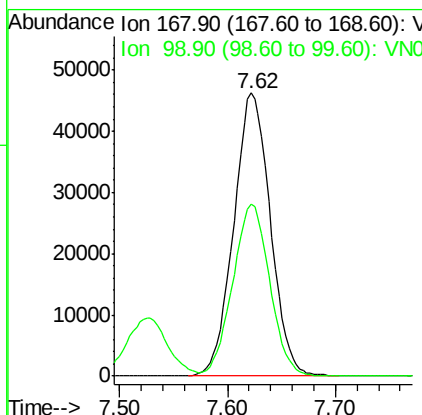
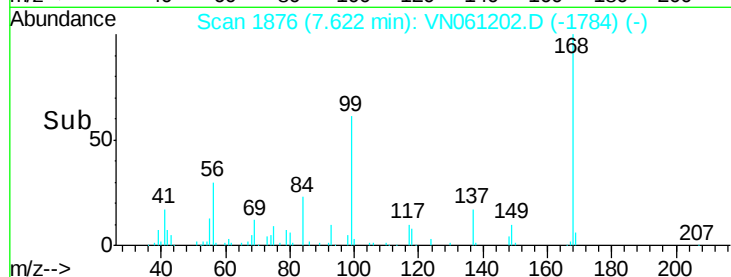
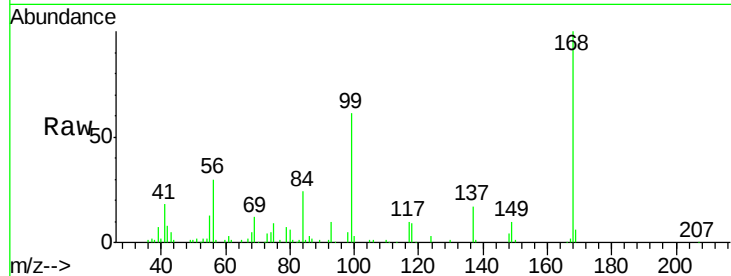
#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.62 min Scan# 1876
 Delta R.T. -0.00 min
 Lab File: VN061202.D
 Acq: 30 Apr 2020 15:32

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0430WBSD01

Tot Ion	Ratio	Lower	Upper
168	100		
99	60.6	51.2	76.8

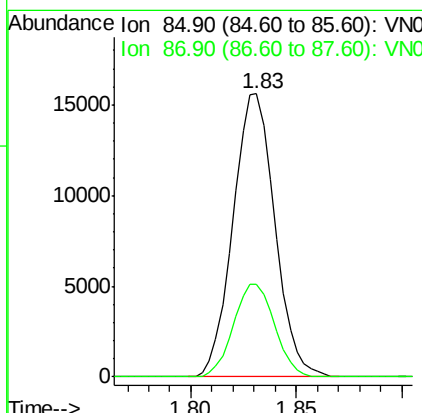
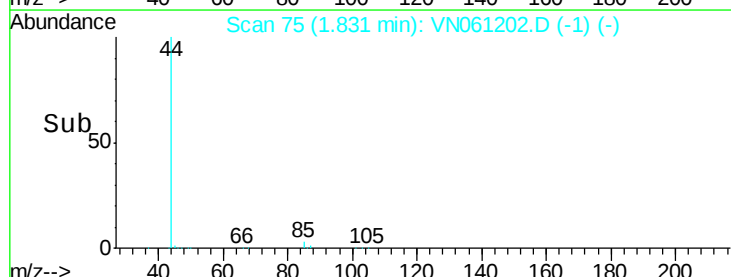
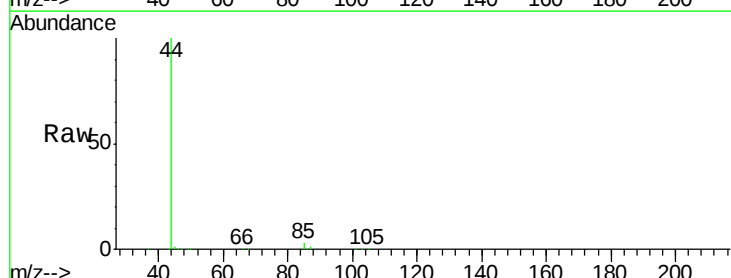
Manual Integrations
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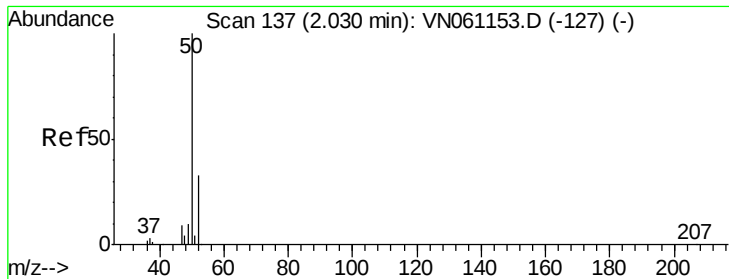
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#2
 Dichlorodifluoromethane
 Concen: 18.578 ug/l
 RT: 1.83 min Scan# 75
 Delta R.T. 0.00 min
 Lab File: VN061202.D
 Acq: 30 Apr 2020 15:32

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.8	16.1	48.2





#3

Chloromethane

Concen: 21.949 ug/l

RT: 2.03 min Scan# 137

Delta R.T. 0.00 min

Lab File: VN061202.D

Acq: 30 Apr 2020 15:32

Instrument :

MSVOA_N

ClientSampleId :

VN0430WBSD01

Tot Ion: 50 Resp: 30782

Ion Ratio Lower Upper

50 100

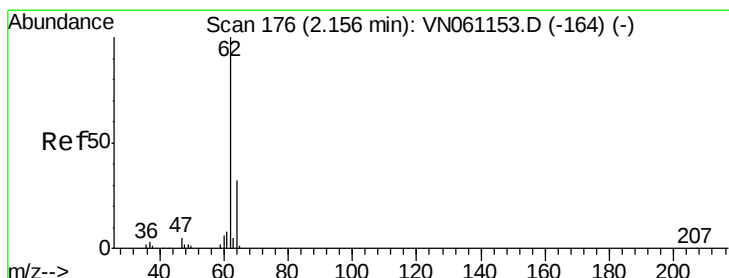
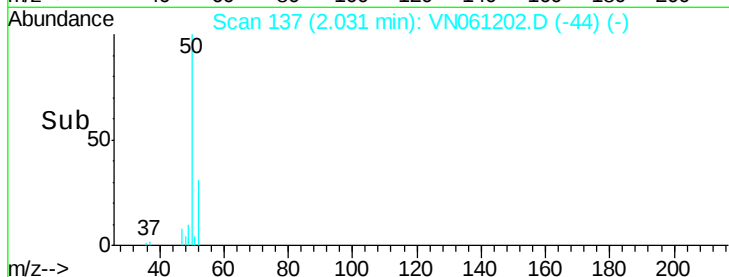
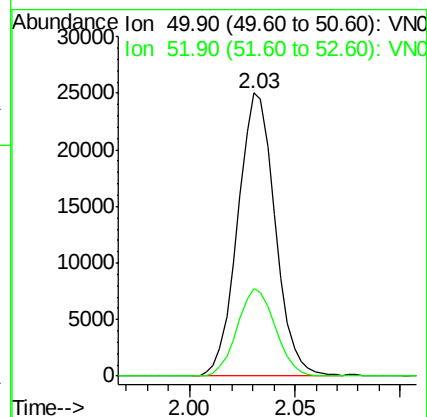
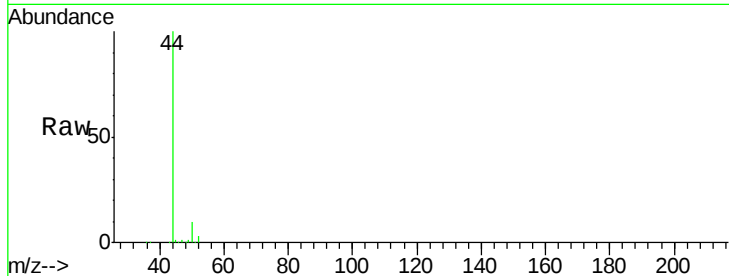
52 30.8 26.0 39.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 17.607 ug/l

RT: 2.16 min Scan# 176

Delta R.T. 0.00 min

Lab File: VN061202.D

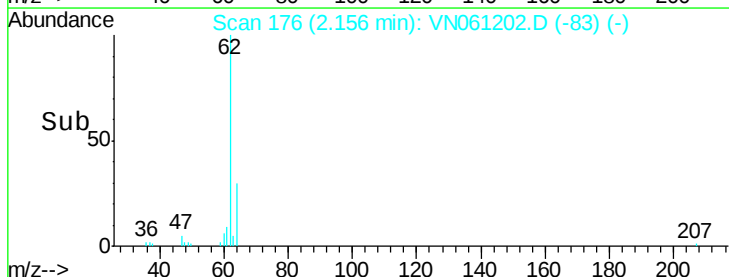
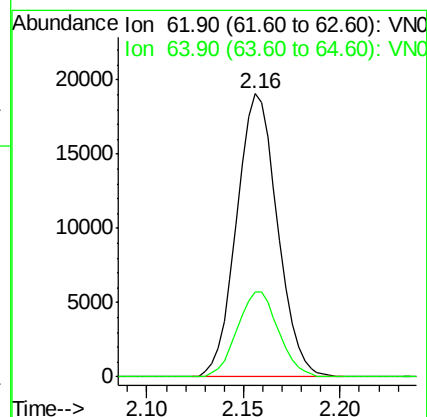
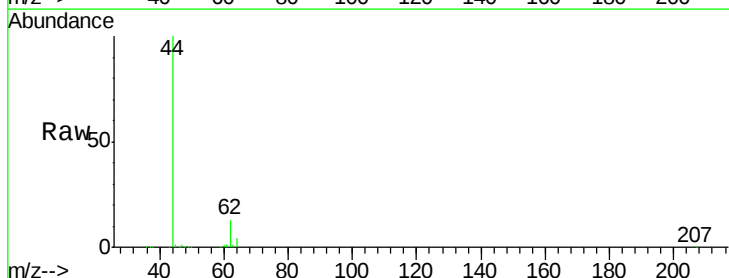
Acq: 30 Apr 2020 15:32

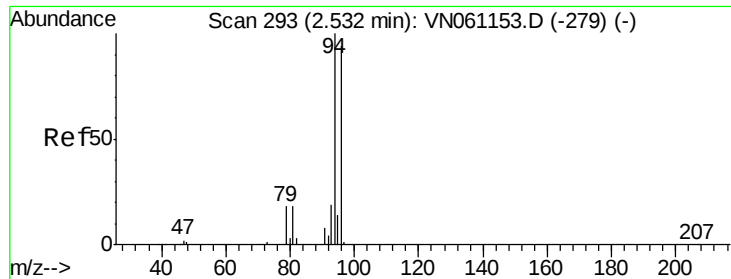
Tgt Ion: 62 Resp: 28046

Ion Ratio Lower Upper

62 100

64 30.1 25.2 37.8





#5

Bromomethane

Concen: 15.410 ug/l

RT: 2.54 min Scan# 295

Delta R.T. 0.01 min

Lab File: VN061202.D

Acq: 30 Apr 2020 15:32

Instrument :

MSVOA_N

ClientSampled :

VN0430WBSD01

Tot Ion: 94 Resp: 12134

Ion Ratio Lower Upper

94 100

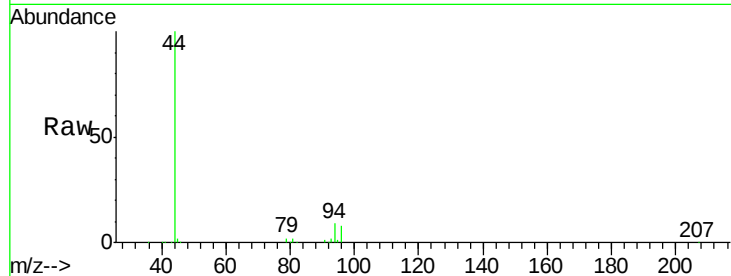
96 89.7 75.1 112.7

Manual Integrations

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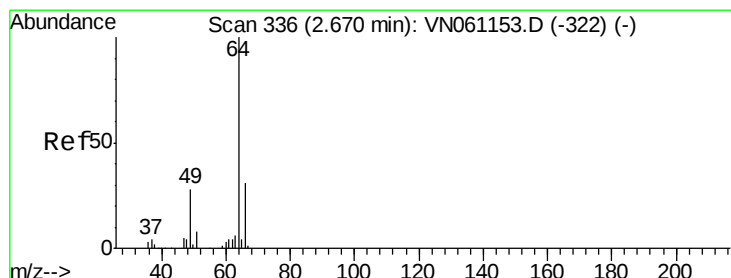
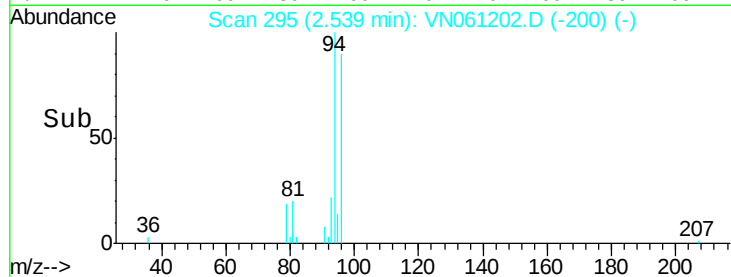
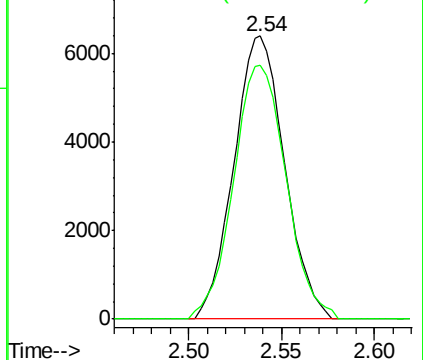
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Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO



#6

Chloroethane

Concen: 15.818 ug/l

RT: 2.67 min Scan# 336

Delta R.T. 0.00 min

Lab File: VN061202.D

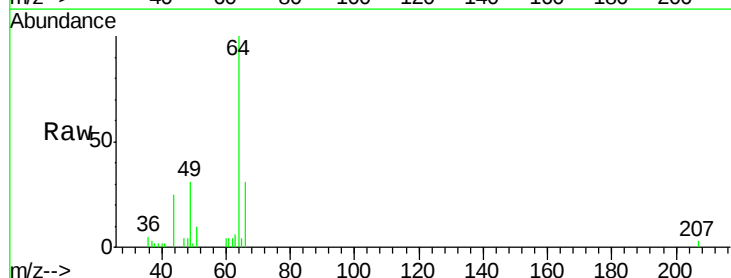
Acq: 30 Apr 2020 15:32

Tgt Ion: 64 Resp: 15970

Ion Ratio Lower Upper

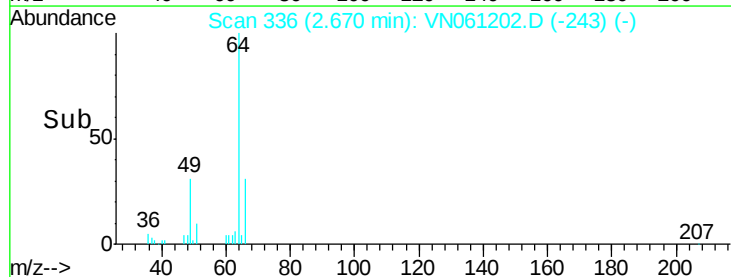
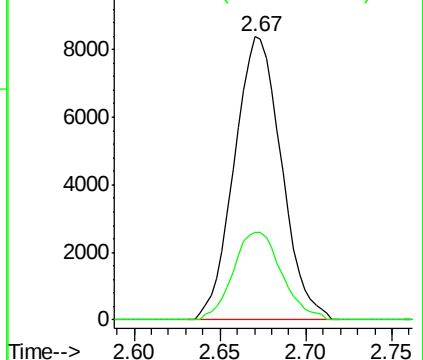
64 100

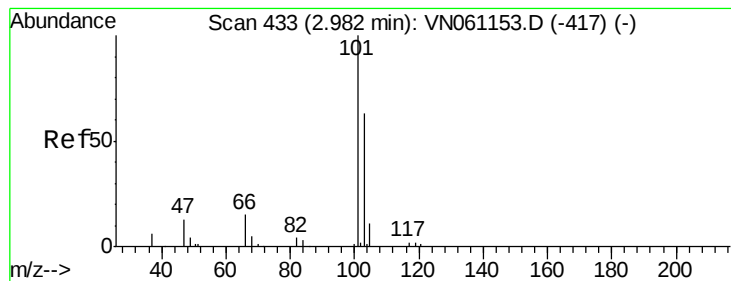
66 30.8 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VNO

Ion 65.90 (65.60 to 66.60): VNO





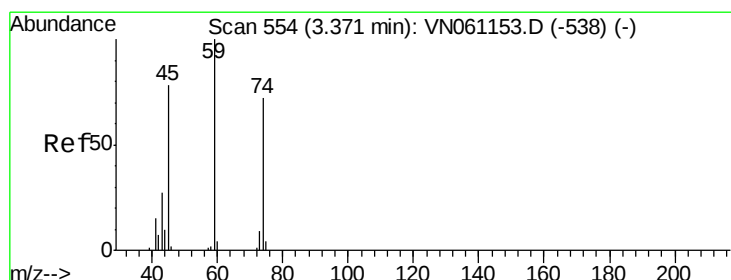
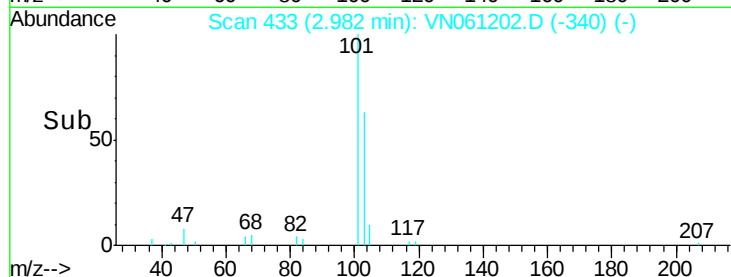
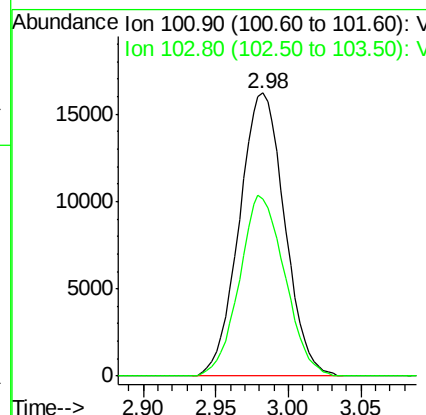
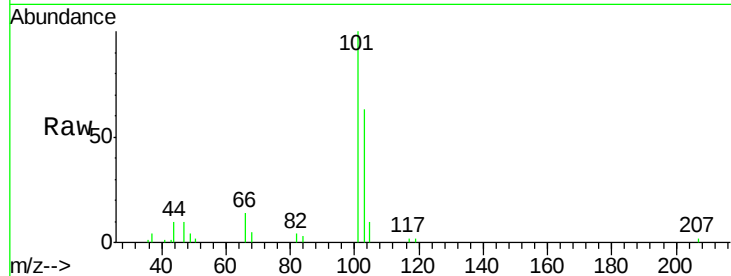
#7
 Trichlorofluoromethane
 Concen: 19.647 ug/l
 RT: 2.98 min Scan# 433
 Delta R.T. 0.00 min
 Lab File: VN061202.D
 Acq: 30 Apr 2020 15:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0430WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.8	50.6	76.0

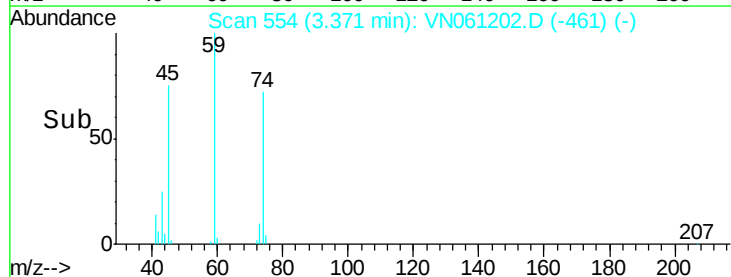
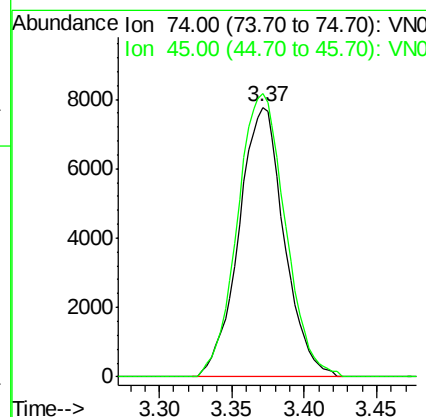
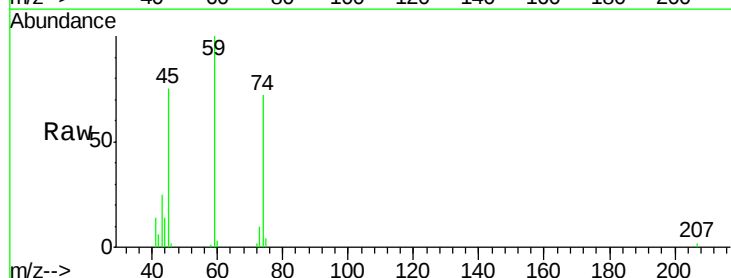
Manual Integrations
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#8
 Diethyl Ether
 Concen: 22.495 ug/l
 RT: 3.37 min Scan# 554
 Delta R.T. 0.00 min
 Lab File: VN061202.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	111.1	53.3	160.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.479 ug/l

RT: 3.72 min Scan# 661

Delta R.T. 0.00 min

Lab File: VN061202.D

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MSVOA_N

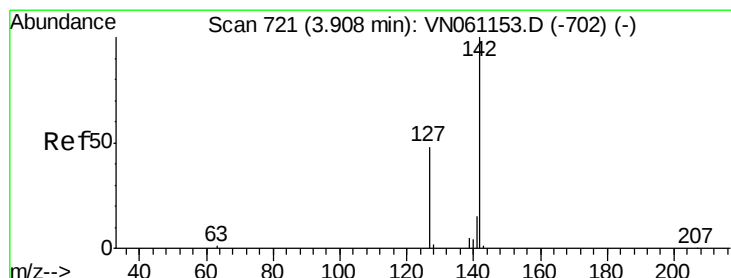
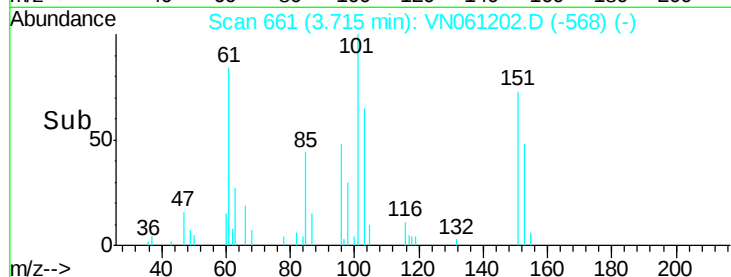
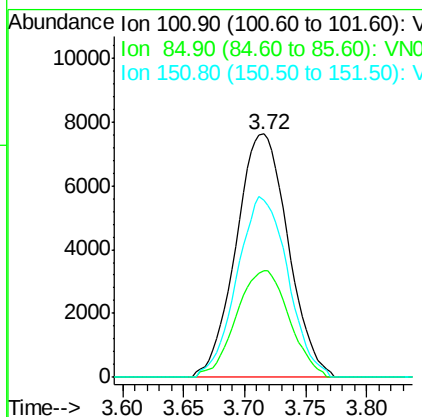
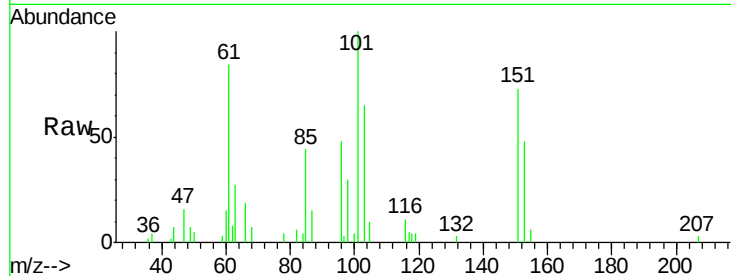
ClientSampleId :

VN0430WBSD01

Tot Ion:	101	Resp:	22552
Ion Ratio	Lower	Upper	
101	100		
85	44.4	37.2	55.8
151	72.4	57.7	86.5

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#10

Methyl Iodide

Concen: 18.640 ug/l

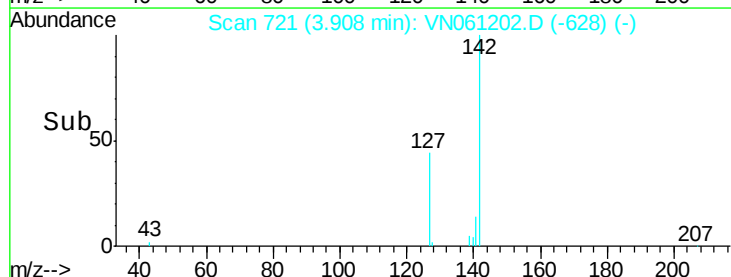
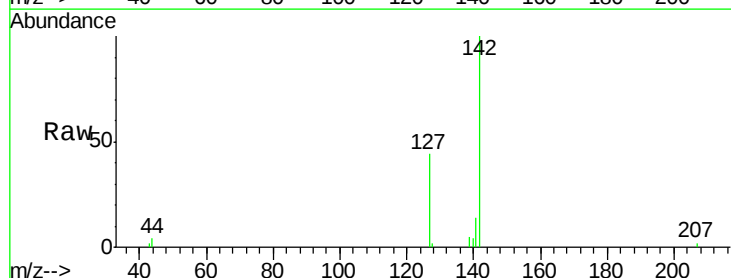
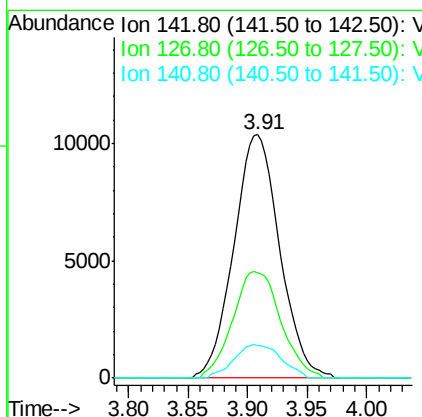
RT: 3.91 min Scan# 721

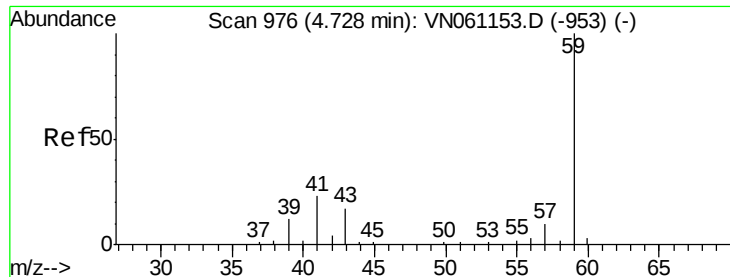
Delta R.T. 0.00 min

Lab File: VN061202.D

Acq: 30 Apr 2020 15:32

Tgt Ion:	142	Resp:	27734
Ion Ratio	Lower	Upper	
142	100		
127	45.8	38.0	57.0
141	14.2	11.7	17.5





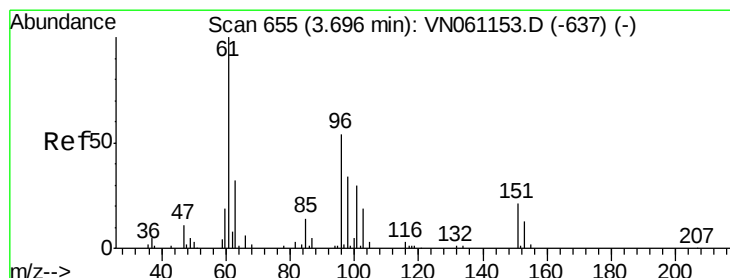
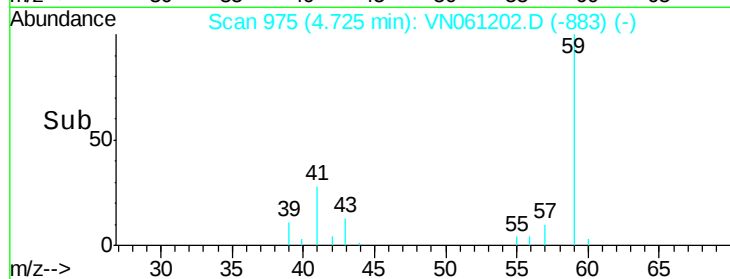
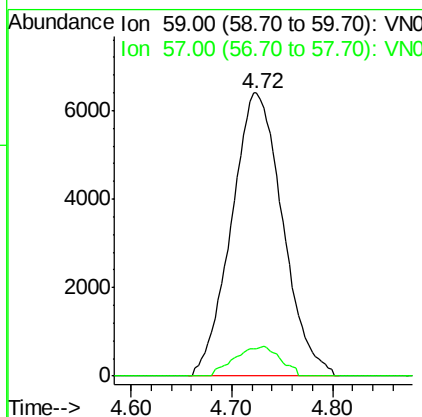
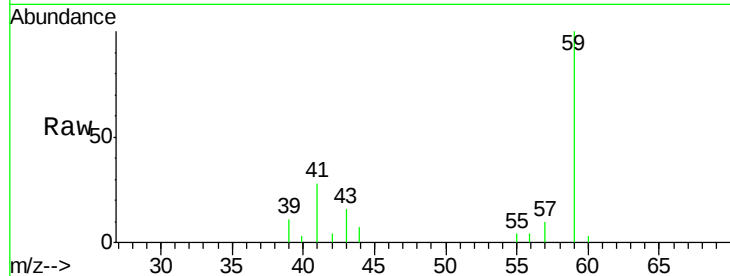
#11
Tert butyl alcohol
Concen: 97.364 ug/l
RT: 4.72 min Scan# 975
Delta R.T. -0.00 min
Lab File: VN061202.D
Acq: 30 Apr 2020 15:32

Instrument :
MSVOA_N
ClientSampled :
VN0430WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.4	8.3	12.5

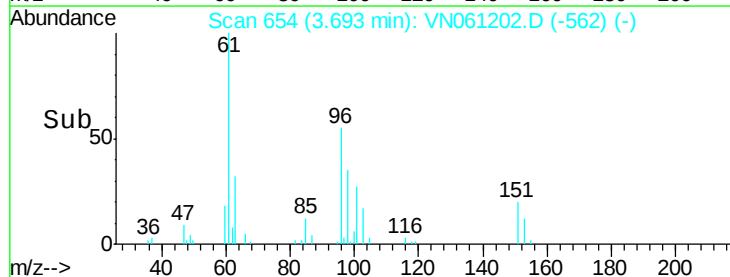
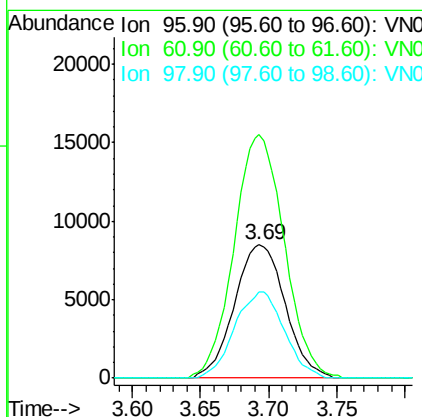
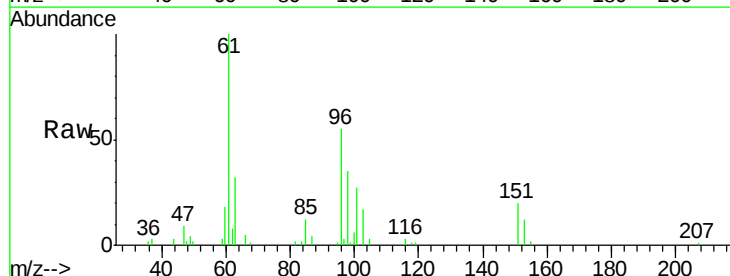
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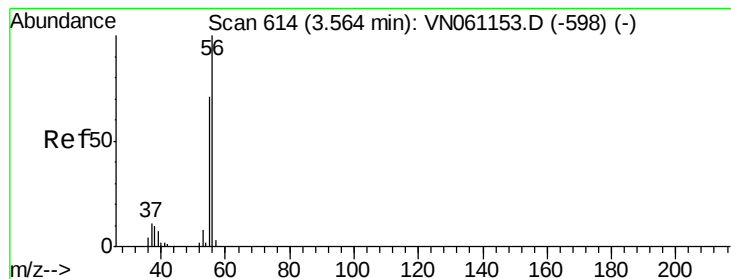
MMDadoda
5/1/2020 10:54:25 AM



#12
1,1-Dichloroethene
Concen: 19.051 ug/l
RT: 3.69 min Scan# 654
Delta R.T. -0.00 min
Lab File: VN061202.D
Acq: 30 Apr 2020 15:32

Tgt Ion	Ratio	Lower	Upper
96	100		
61	183.0	147.0	220.6
98	64.4	49.8	74.6





#13

Acrolein

Concen: 71.911 ug/l

RT: 3.56 min Scan# 614

Delta R.T. 0.00 min

Lab File: VN061202.D

Acq: 30 Apr 2020 15:32

Instrument :

MSVOA_N

ClientSampleId :

VN0430WBSD01

Tot Ion: 56 Resp: 11092

Ion Ratio Lower Upper

56 100

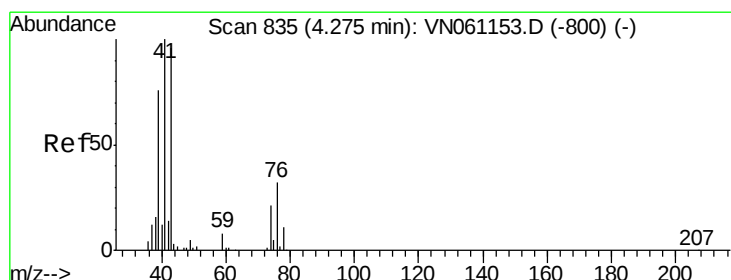
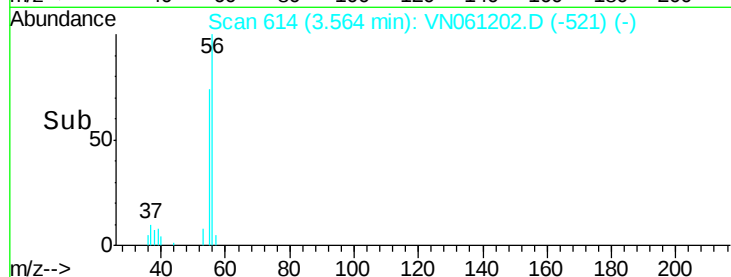
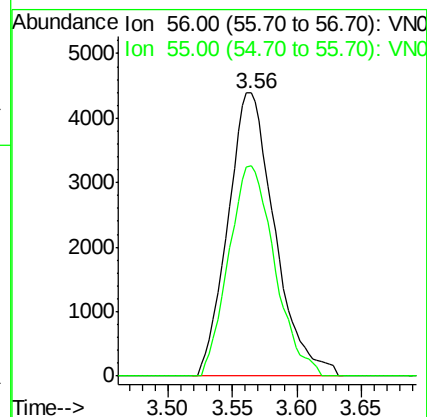
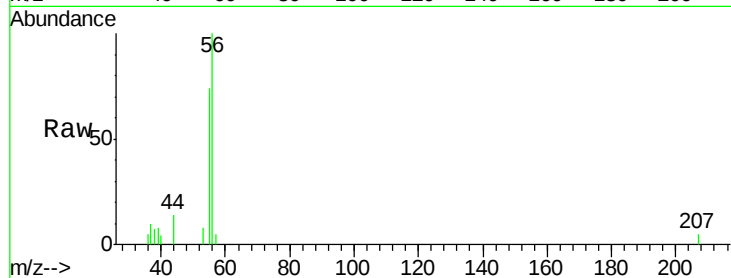
55 72.9 58.5 87.7

Manual Integrations

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#14

Allyl chloride

Concen: 21.245 ug/l

RT: 4.27 min Scan# 834

Delta R.T. -0.00 min

Lab File: VN061202.D

Acq: 30 Apr 2020 15:32

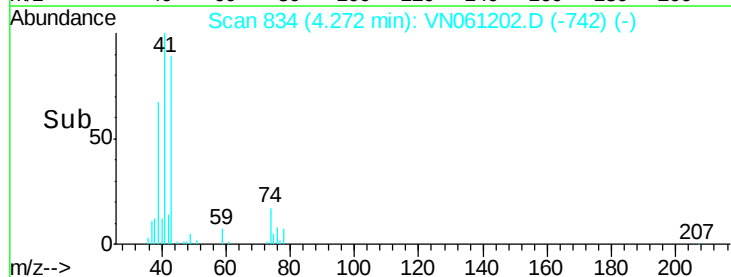
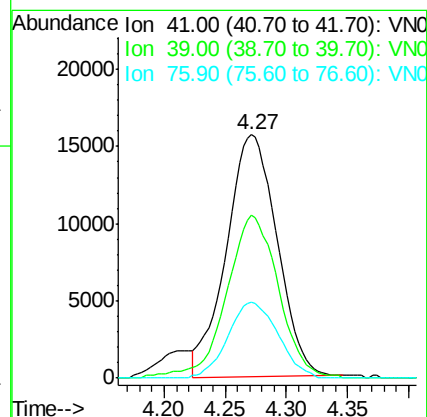
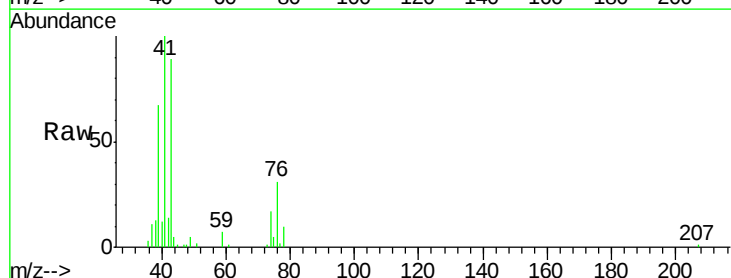
Tgt Ion: 41 Resp: 45385

Ion Ratio Lower Upper

41 100

39 68.7 57.1 85.7

76 30.8 24.3 36.5





#15

Acrylonitrile

Concen: 104.703 ug/l

RT: 4.93 min Scan# 1038

Delta R.T. -0.00 min

Lab File: VN061202.D

Acq: 30 Apr 2020 15:32

Instrument :

MSVOA_N

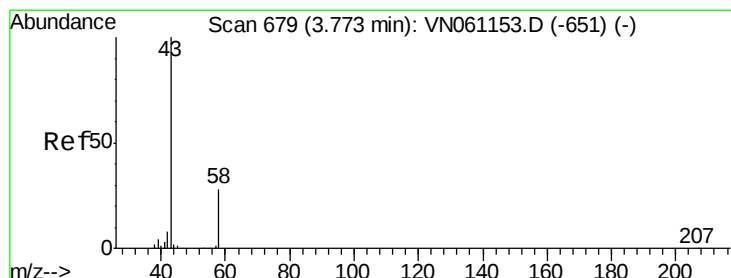
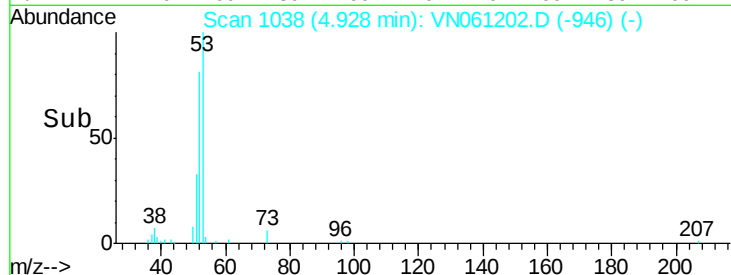
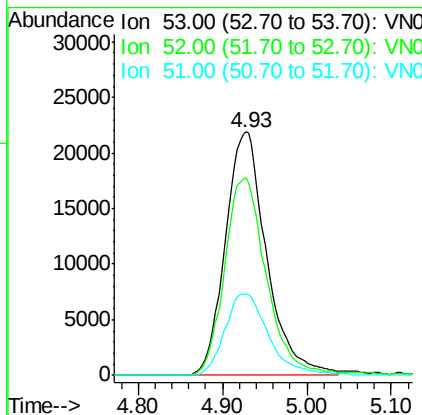
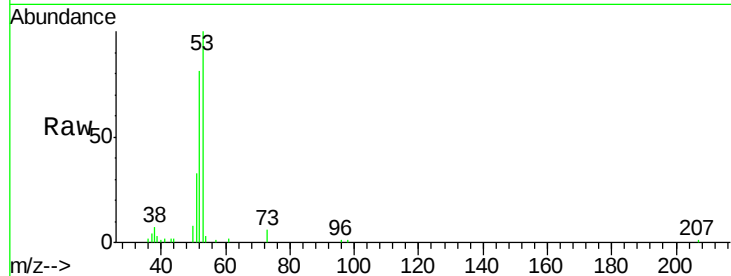
ClientSampleId :

VN0430WBSD01

Tot Ion:	53	Resp:	74394
Ion	Ratio	Lower	Upper
53	100		
52	81.7	65.4	98.0
51	35.3	29.5	44.3

Manual Integrations
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#16

Acetone

Concen: 94.767 ug/l

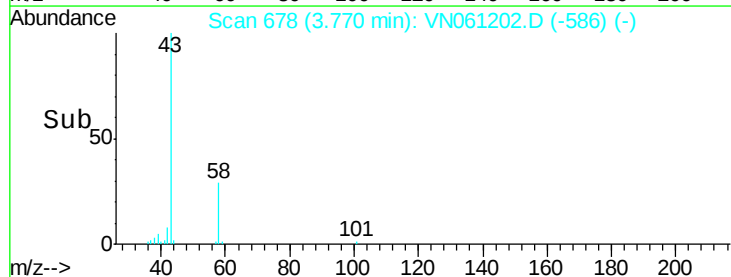
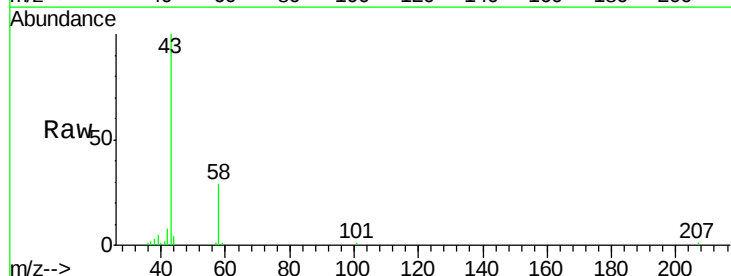
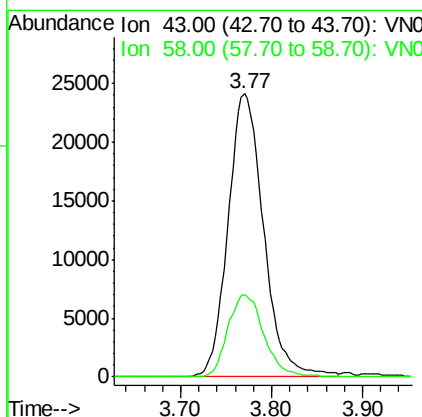
RT: 3.77 min Scan# 678

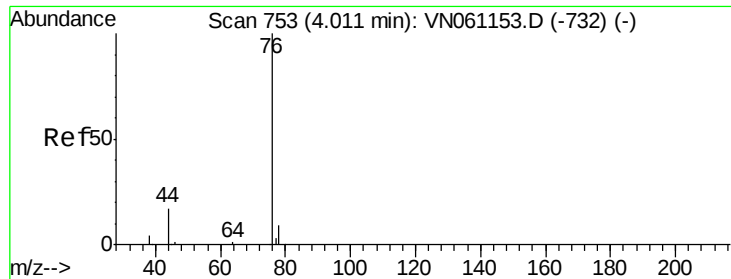
Delta R.T. -0.00 min

Lab File: VN061202.D

Acq: 30 Apr 2020 15:32

Tgt Ion:	43	Resp:	65620
Ion	Ratio	Lower	Upper
43	100		
58	29.0	22.2	33.2





#17

Carbon Disulfide

Concen: 18.497 ug/l

RT: 4.01 min Scan# 752

Delta R.T. -0.00 min

Lab File: VN061202.D

Acq: 30 Apr 2020 15:32

Instrument :

MSVOA_N

ClientSampleId :

VN0430WBSD01

Tot Ion: 76 Resp: 58870

Ion Ratio Lower Upper

76 100

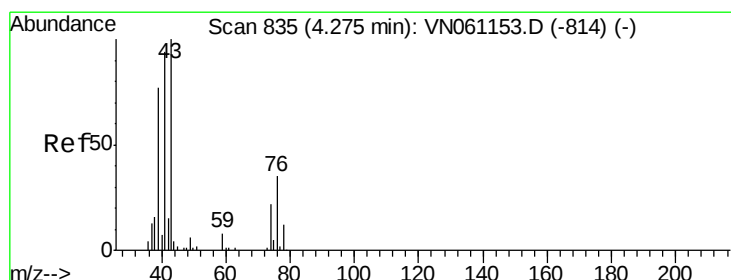
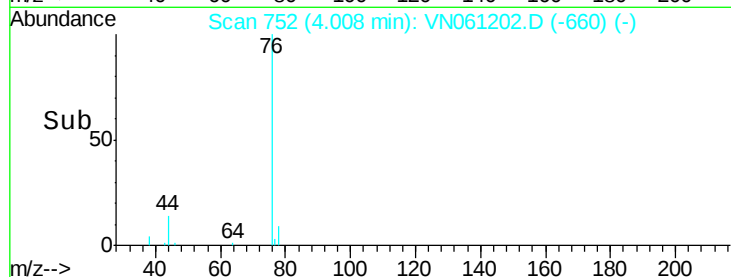
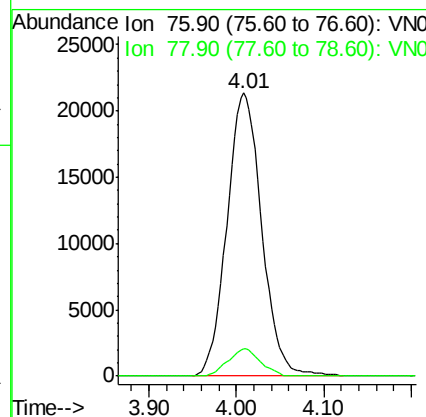
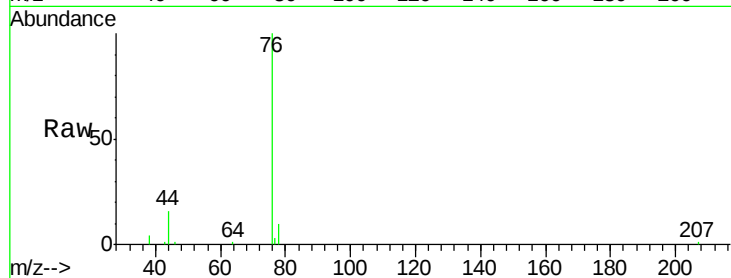
78 9.6 7.2 10.8

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#18

Methyl Acetate

Concen: 19.478 ug/l

RT: 4.27 min Scan# 835

Delta R.T. 0.00 min

Lab File: VN061202.D

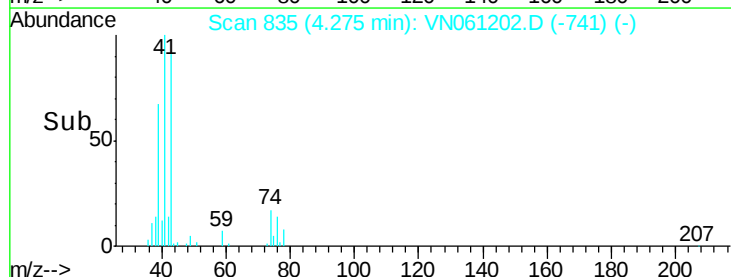
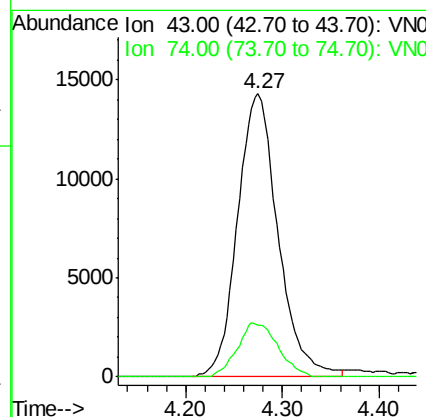
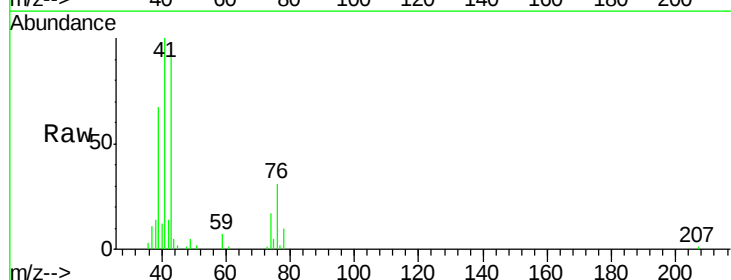
Acq: 30 Apr 2020 15:32

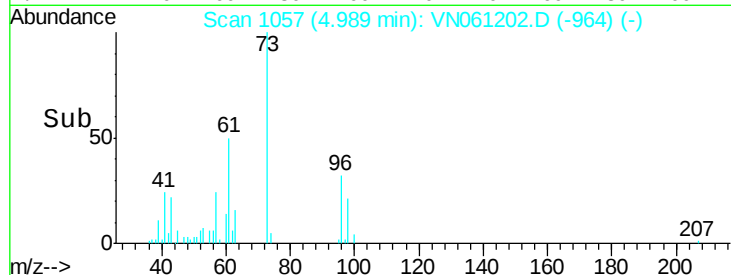
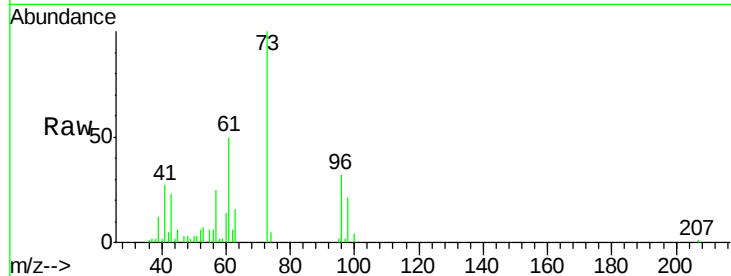
Tgt Ion: 43 Resp: 41568

Ion Ratio Lower Upper

43 100

74 19.2 17.0 25.4





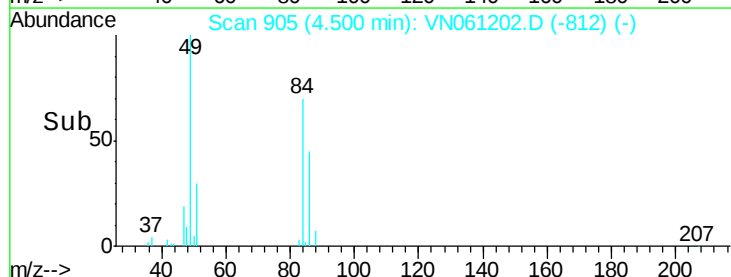
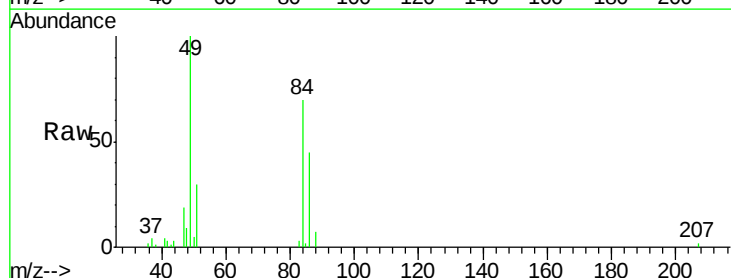
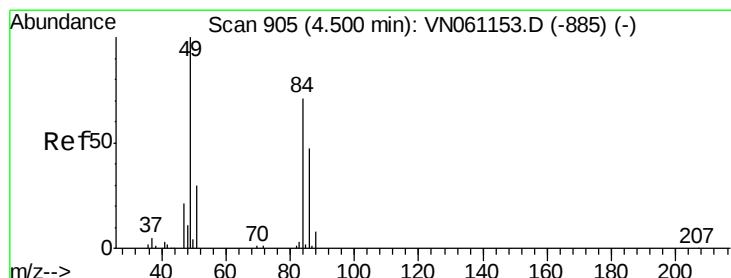
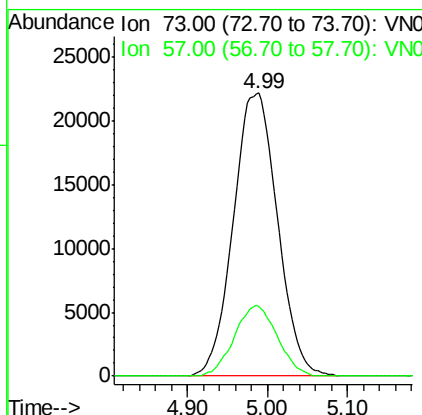
#19
Methyl tert-butyl Ether
Concen: 18.962 ug/l
RT: 4.99 min Scan# 1057
Delta R.T. 0.00 min
Lab File: VN061202.D
Acq: 30 Apr 2020 15:32

Tot Ion: 73 Resp: 83480
Ion Ratio Lower Upper
73 100
57 24.5 18.3 27.5

Instrument :
MSVOA_N
ClientSampleId :
VN0430WBSD01

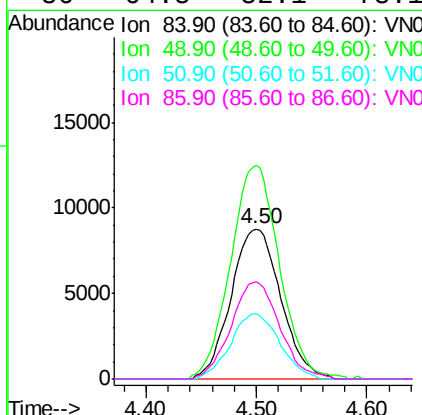
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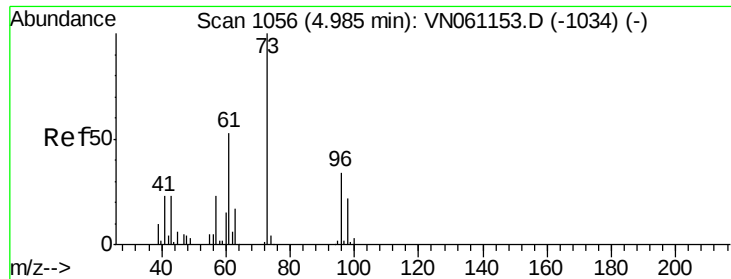
MMDadoda
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#20
Methylene Chloride
Concen: 20.346 ug/l
RT: 4.50 min Scan# 905
Delta R.T. 0.00 min
Lab File: VN061202.D
Acq: 30 Apr 2020 15:32

Tgt Ion: 84 Resp: 27412
Ion Ratio Lower Upper
84 100
49 142.0 112.0 168.0
51 43.2 33.6 50.4
86 64.5 52.1 78.1





#21

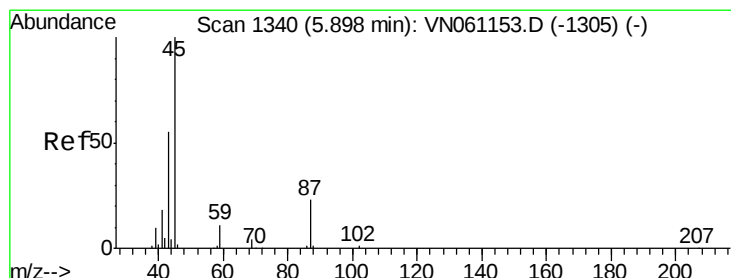
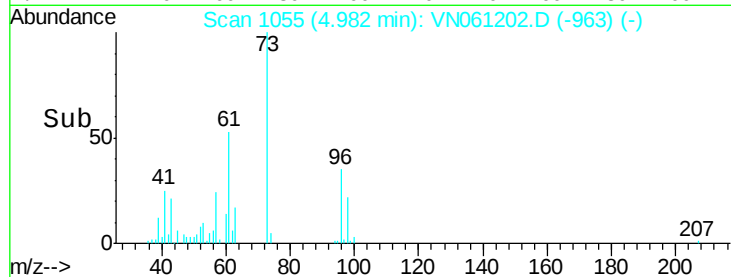
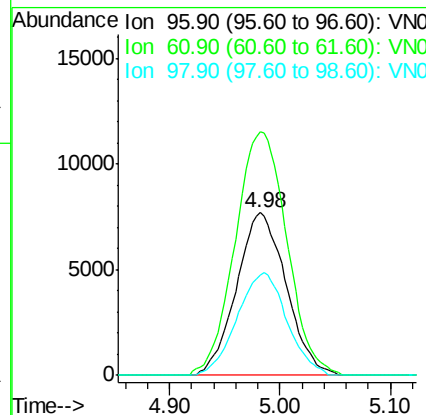
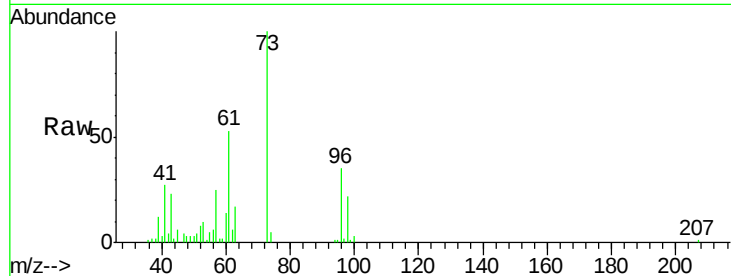
trans-1,2-Dichloroethene
Concen: 19.132 ug/l
RT: 4.98 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VN061202.D
Acq: 30 Apr 2020 15:32

Instrument :
MSVOA_N
ClientSampleId :
VN0430WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	149.9	123.0	184.4
98	61.7	50.1	75.1

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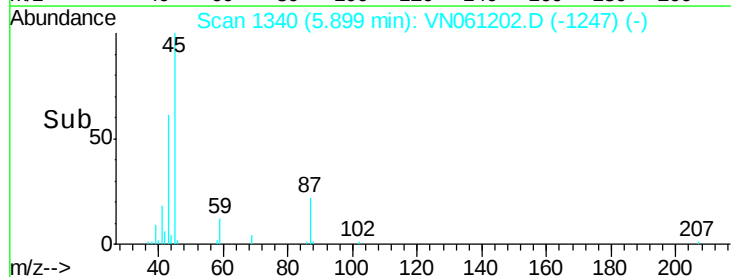
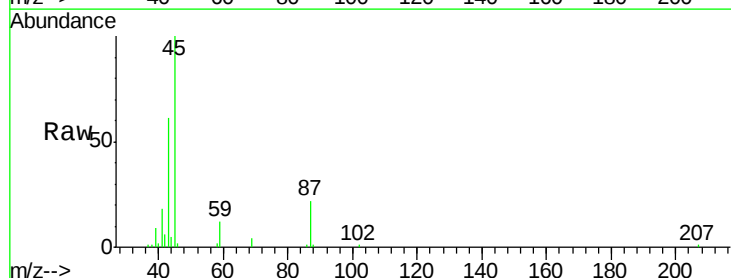
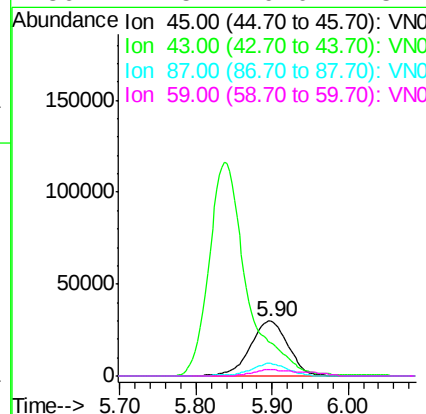
MMDadoda
5/1/2020 10:54:25 AM

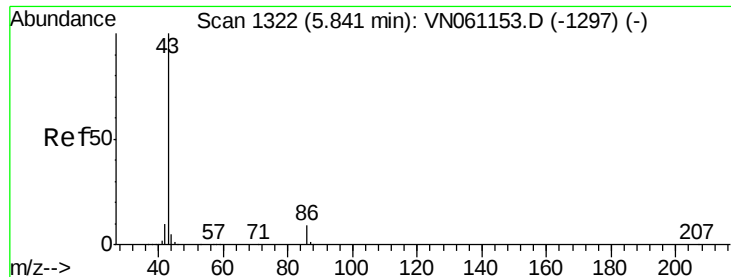


#22

Diisopropyl ether
Concen: 20.858 ug/l
RT: 5.90 min Scan# 1340
Delta R.T. 0.00 min
Lab File: VN061202.D
Acq: 30 Apr 2020 15:32

Tgt Ion	Ratio	Lower	Upper
45	100		
43	59.1	47.9	71.9
87	22.3	19.2	28.8
59	11.5	9.0	13.4





#23

Vinyl Acetate

Concen: 100.129 ug/l

RT: 5.84 min Scan# 1321

Delta R.T. -0.00 min

Lab File: VN061202.D

Acq: 30 Apr 2020 15:32

Instrument :

MSVOA_N

ClientSampleId :

VN0430WBSD01

Tot Ion: 43 Resp: 399387

Ion Ratio Lower Upper

43 100

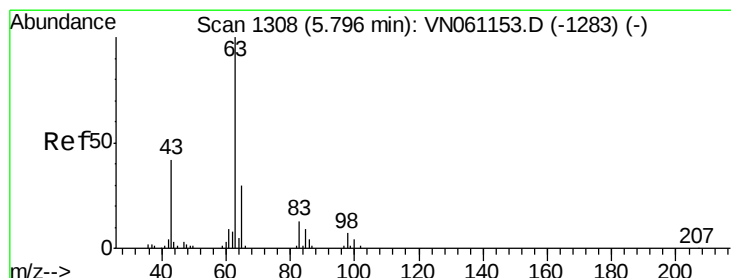
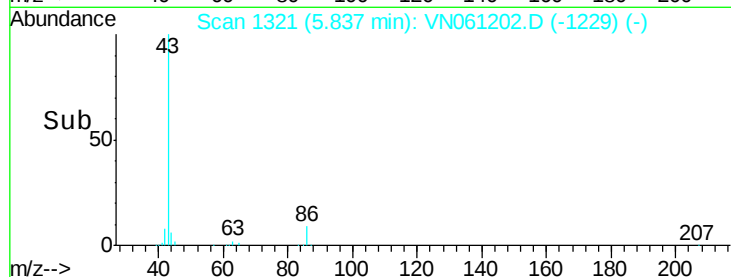
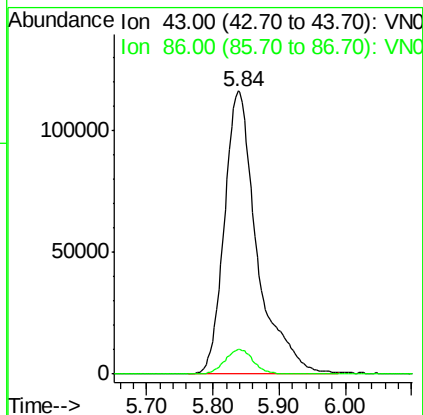
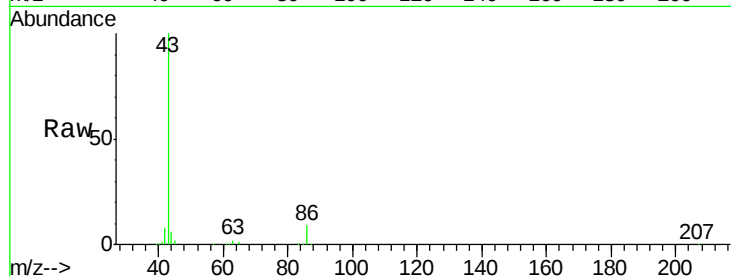
86 8.8 7.2 10.8

Manual Integrations

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MMDadoda

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#24

1,1-Dichloroethane

Concen: 19.827 ug/l

RT: 5.79 min Scan# 1306

Delta R.T. -0.01 min

Lab File: VN061202.D

Acq: 30 Apr 2020 15:32

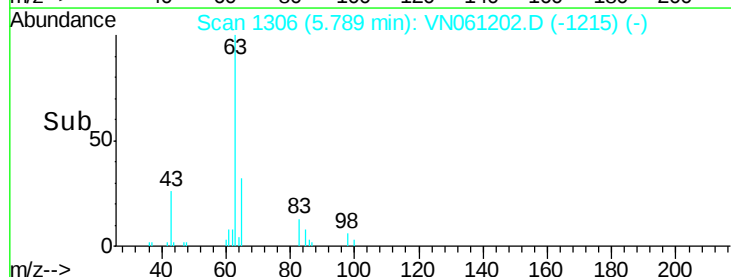
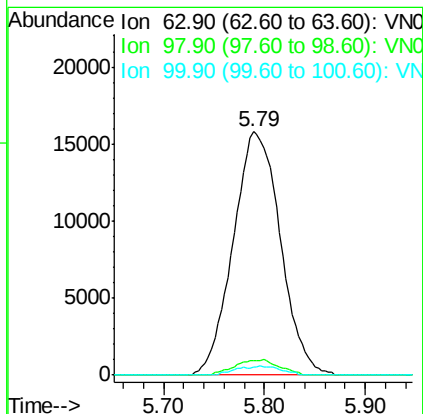
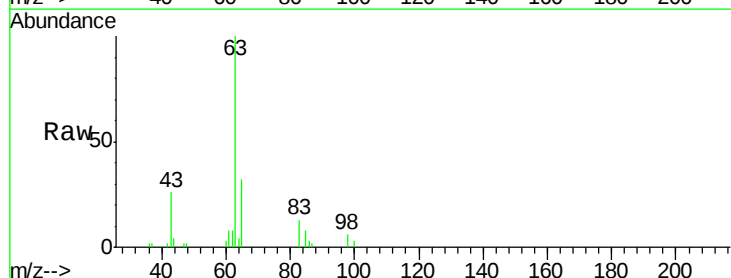
Tgt Ion: 63 Resp: 51319

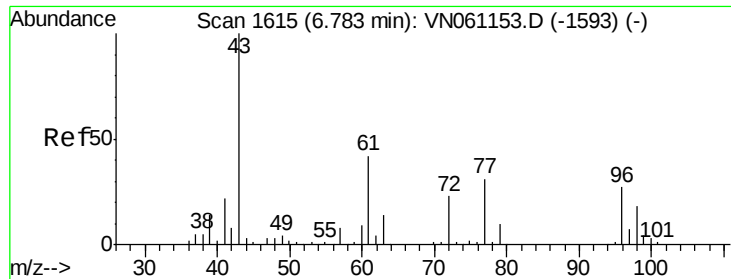
Ion Ratio Lower Upper

63 100

98 5.9 3.3 9.9

100 3.2 1.9 5.7





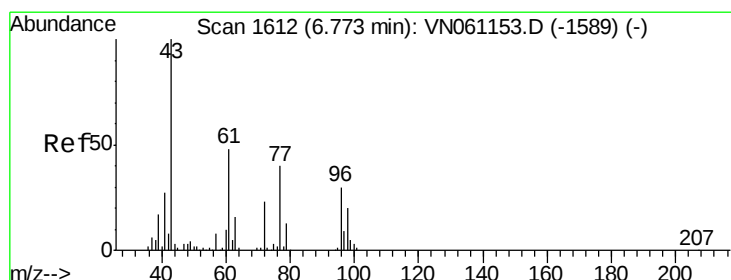
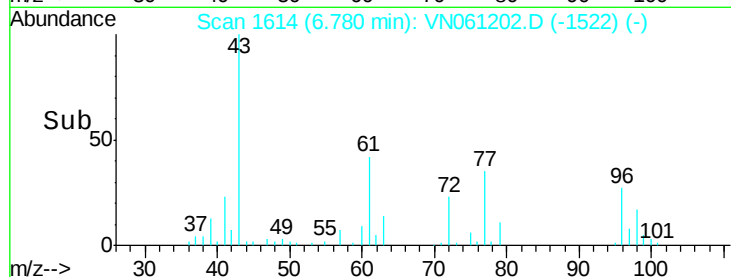
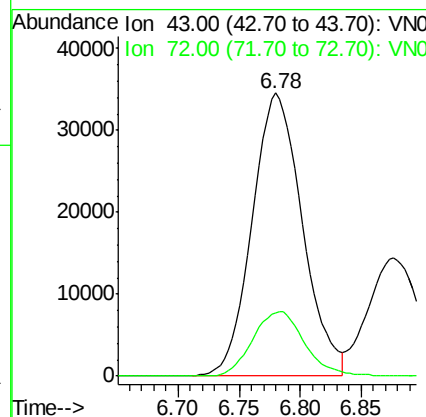
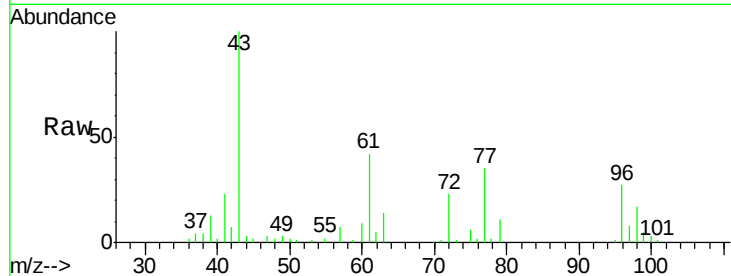
#25
2-Butanone
Concen: 96.641 ug/l
RT: 6.78 min Scan# 1614
Delta R.T. -0.00 min
Lab File: VN061202.D
Acq: 30 Apr 2020 15:32

Instrument :
MSVOA_N
ClientSampled :
VN0430WBSD01

Tot Ion: 43 Resp: 98809
Ion Ratio Lower Upper
43 100
72 22.5 18.2 27.4

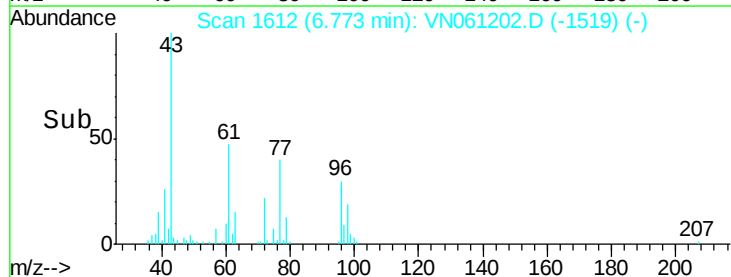
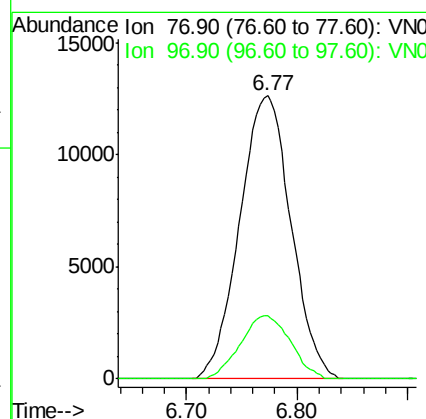
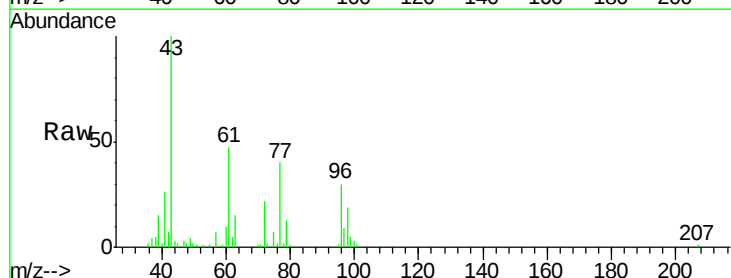
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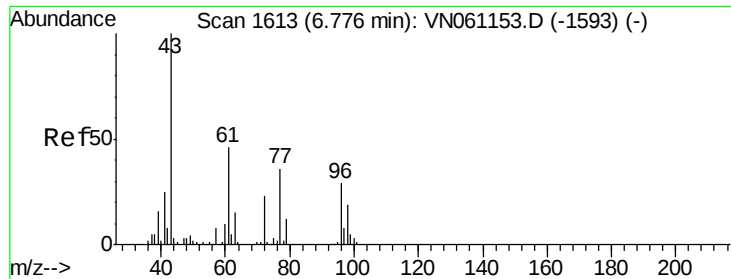
MMDadoda
5/1/2020 10:54:25 AM



#26
2,2-Dichloropropane
Concen: 18.662 ug/l
RT: 6.77 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VN061202.D
Acq: 30 Apr 2020 15:32

Tgt Ion: 77 Resp: 40684
Ion Ratio Lower Upper
77 100
97 21.7 10.5 31.5





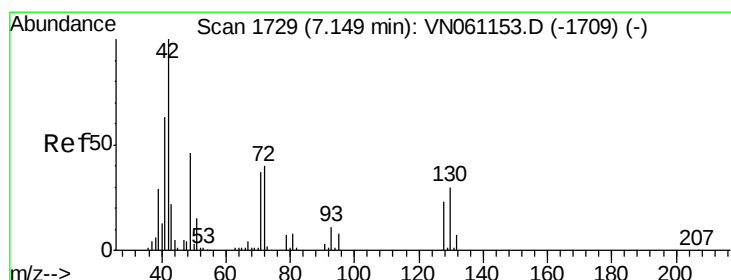
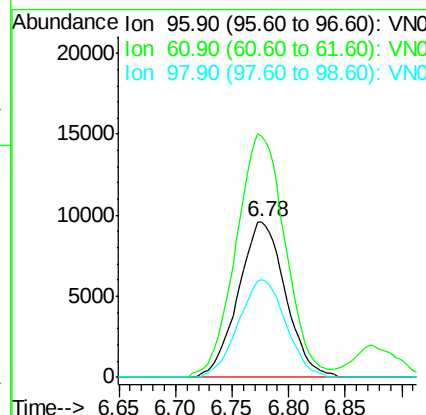
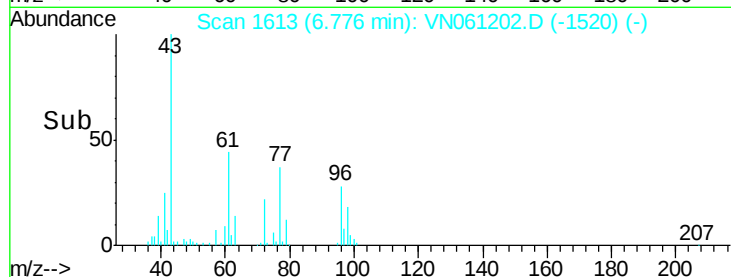
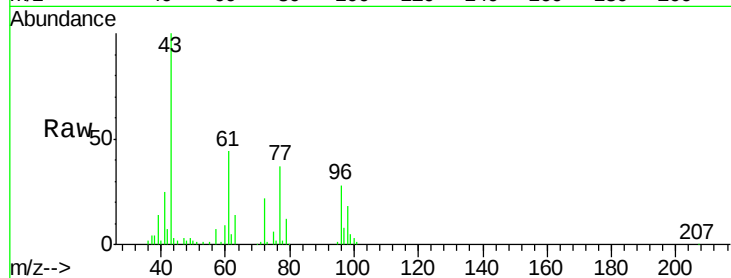
#27
 cis-1,2-Dichloroethene
 Concen: 18.870 ug/l
 RT: 6.78 min Scan# 1613
 Delta R.T. 0.00 min
 Lab File: VN061202.D
 Acq: 30 Apr 2020 15:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0430WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	163.0	0.0	322.0
98	63.0	0.0	129.6

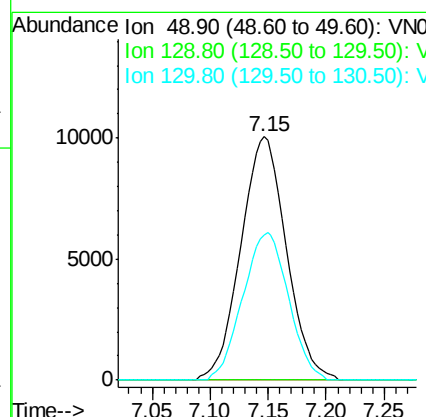
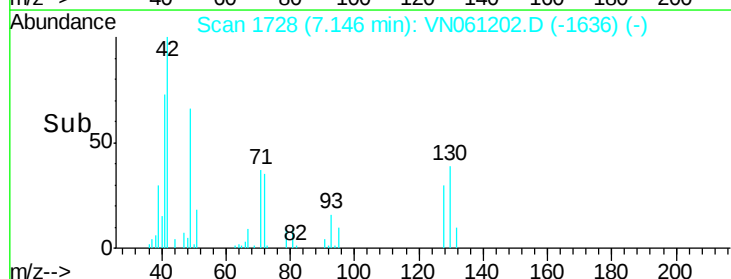
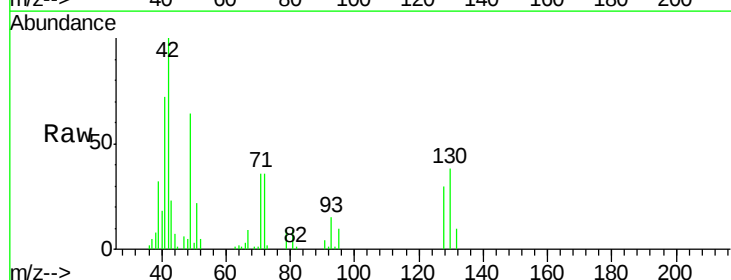
Manual Integrations
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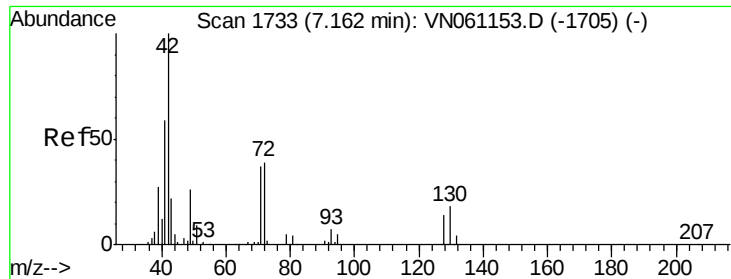
MMDadoda
 5/1/2020 10:54:25 AM



#28
 Bromochloromethane
 Concen: 22.381 ug/l
 RT: 7.15 min Scan# 1728
 Delta R.T. -0.00 min
 Lab File: VN061202.D
 Acq: 30 Apr 2020 15:32

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.0
130	60.6	51.4	77.2





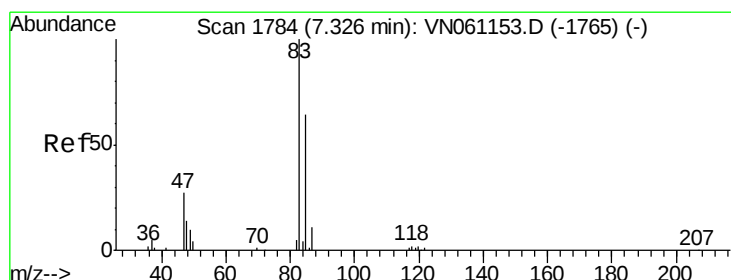
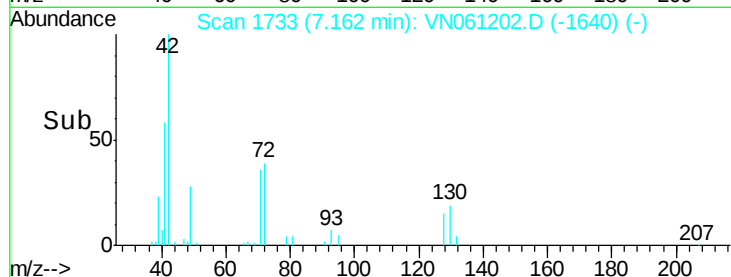
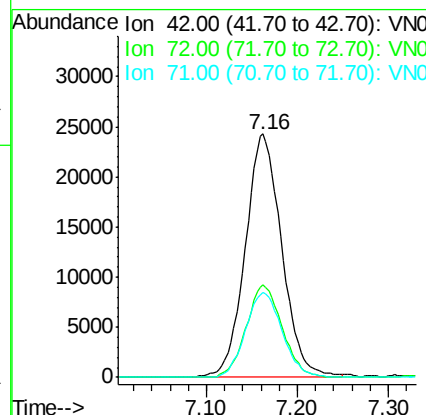
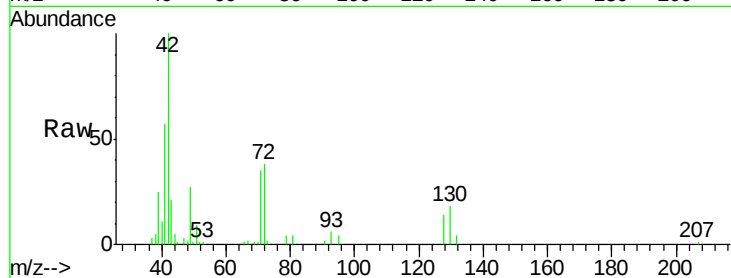
#29
Tetrahydrofuran
Concen: 98.231 ug/l
RT: 7.16 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VN061202.D
Acq: 30 Apr 2020 15:32

Instrument :
MSVOA_N
ClientSampleId :
VN0430WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	37.2	31.4	47.0
71	34.9	29.5	44.3

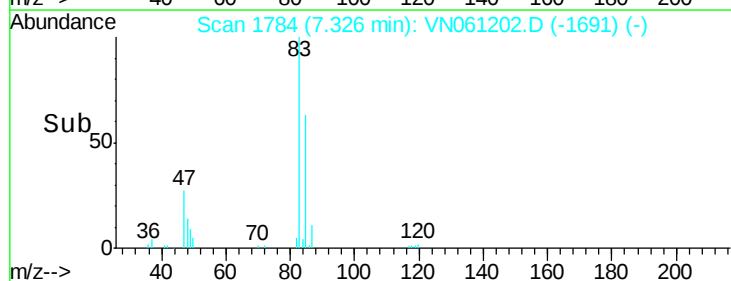
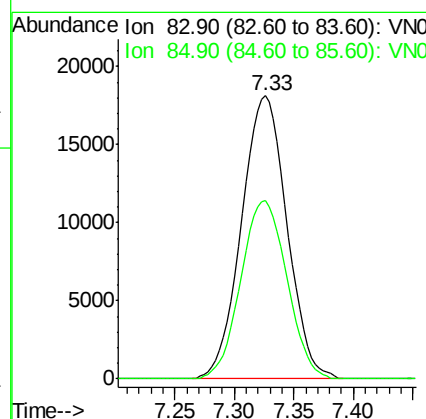
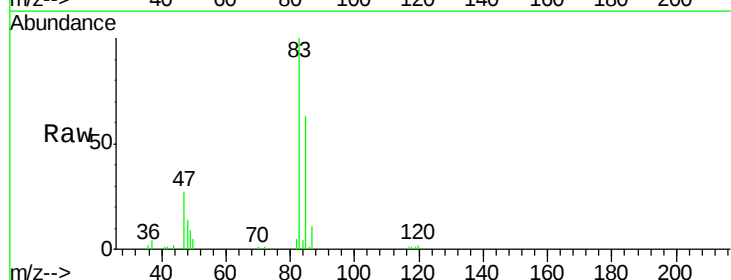
Manual Integrations
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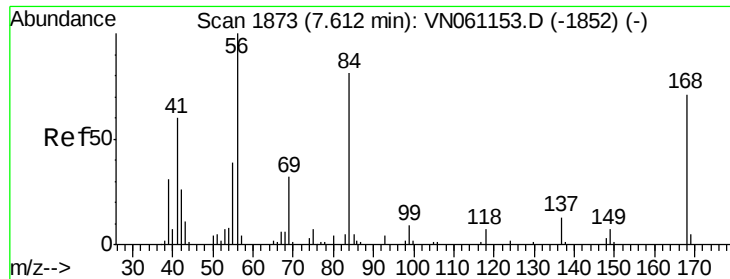
MMDadoda
5/1/2020 10:54:25 AM



#30
Chloroform
Concen: 18.277 ug/l
RT: 7.33 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VN061202.D
Acq: 30 Apr 2020 15:32

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.9	51.1	76.7





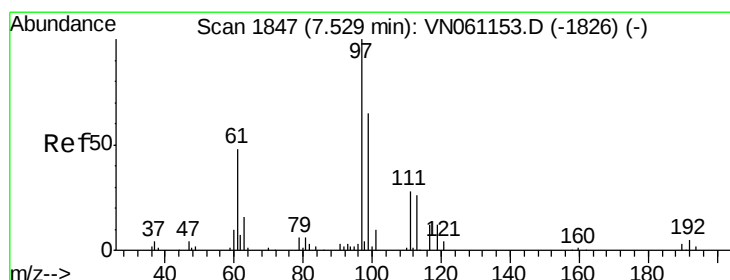
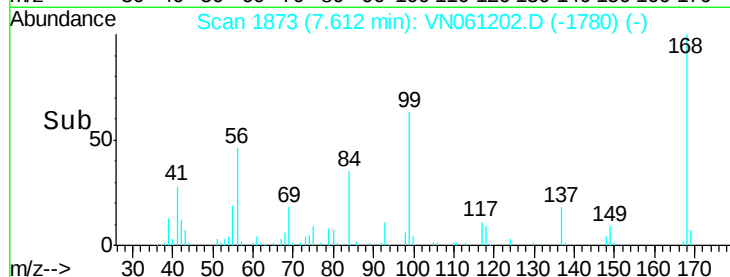
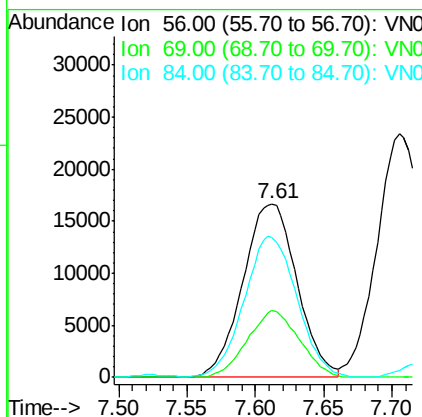
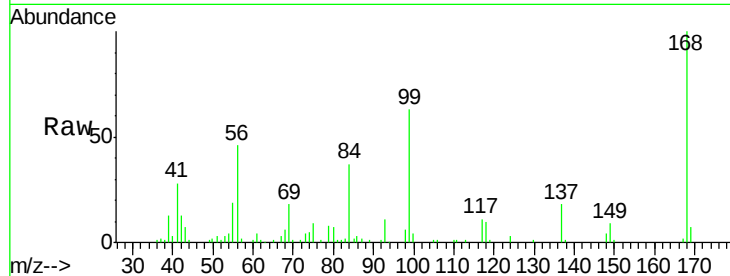
#31
Cyclohexane
Concen: 18.295 ug/l
RT: 7.61 min Scan# 1873
Delta R.T. 0.00 min
Lab File: VN061202.D
Acq: 30 Apr 2020 15:32

Instrument :
MSVOA_N
ClientSampleId :
VN0430WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	38.4	25.7	38.5
84	80.2	64.6	97.0

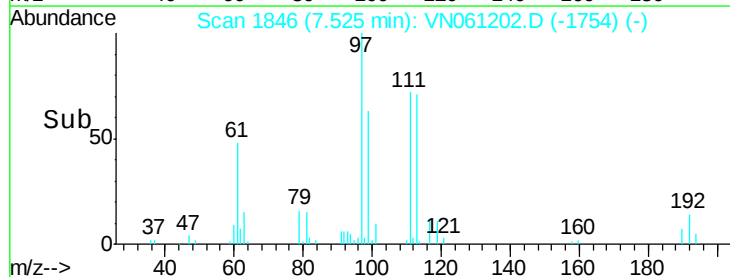
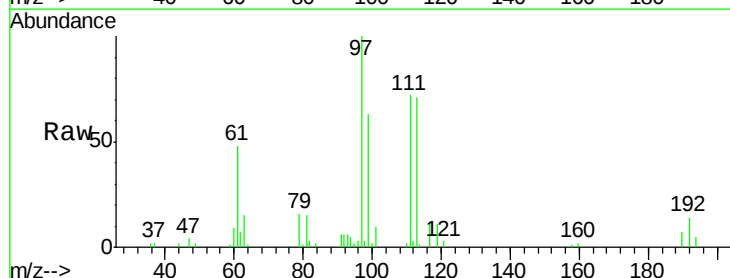
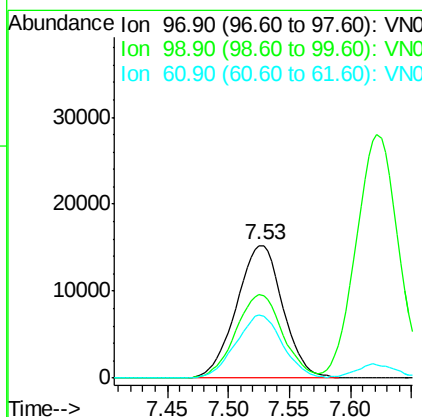
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#32
1,1,1-Trichloroethane
Concen: 17.564 ug/l
RT: 7.53 min Scan# 1846
Delta R.T. -0.00 min
Lab File: VN061202.D
Acq: 30 Apr 2020 15:32

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.3	76.9
61	47.7	38.6	57.8





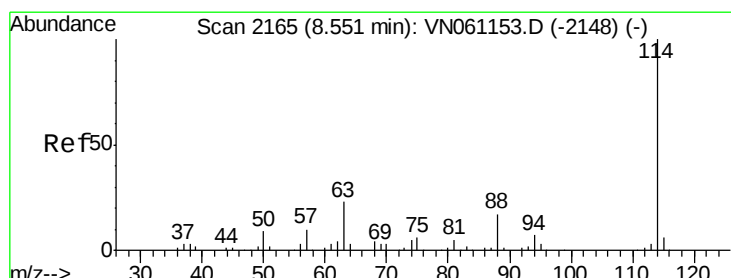
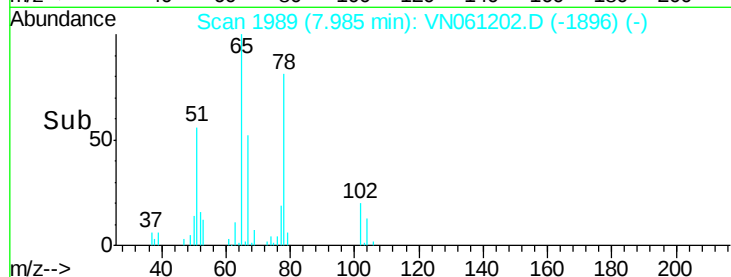
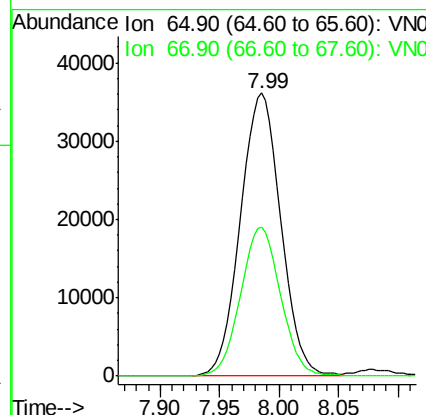
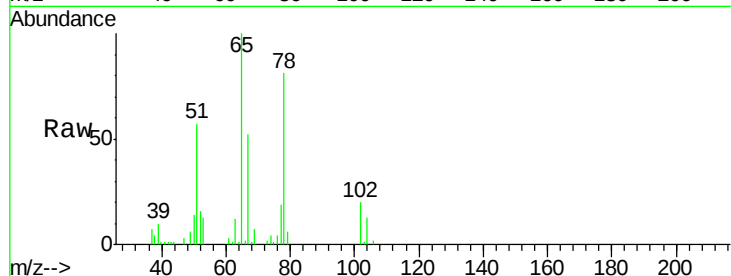
#33
 1,2-Dichloroethane-d4
 Concen: 49.323 ug/l
 RT: 7.99 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: VN061202.D
 Acq: 30 Apr 2020 15:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0430WBSD01

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	101.6

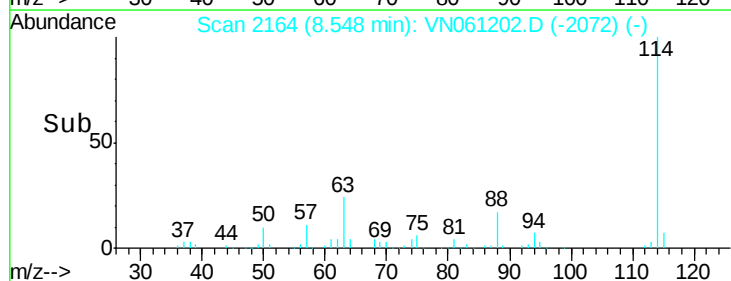
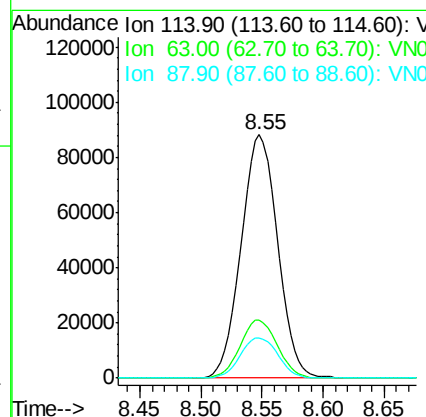
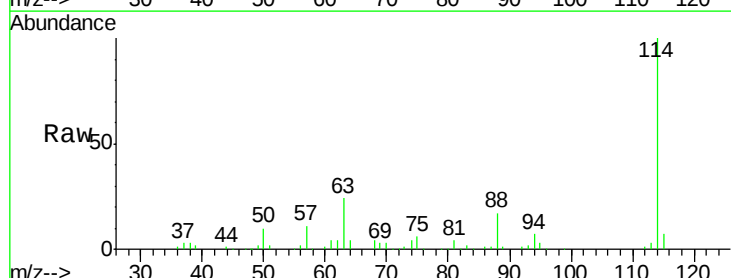
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2164
 Delta R.T. -0.00 min
 Lab File: VN061202.D
 Acq: 30 Apr 2020 15:32

Tgt Ion	Ratio	Lower	Upper
114	100		
63	23.9	0.0	46.6
88	16.5	0.0	33.4





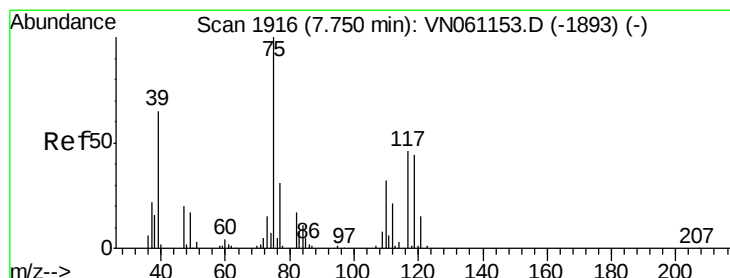
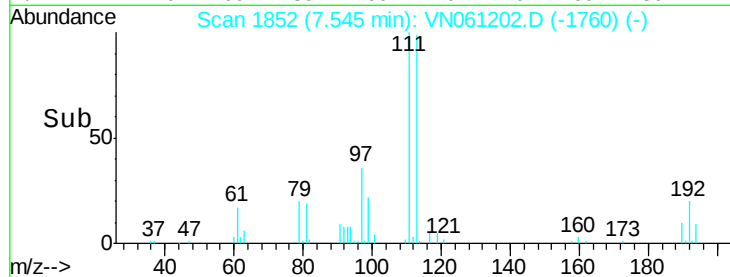
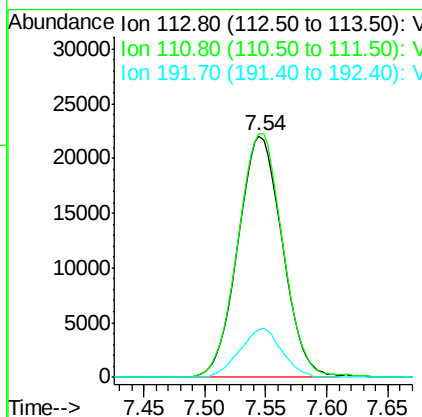
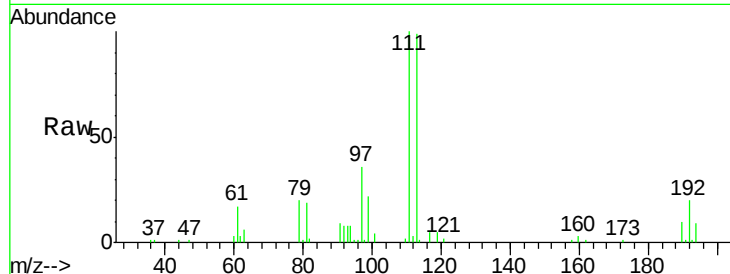
#35
 Dibromofluoromethane
 Concen: 51.420 ug/l
 RT: 7.54 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VN061202.D
 Acq: 30 Apr 2020 15:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0430WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	101.8	82.9	124.3	
192	19.1	14.7	22.1	

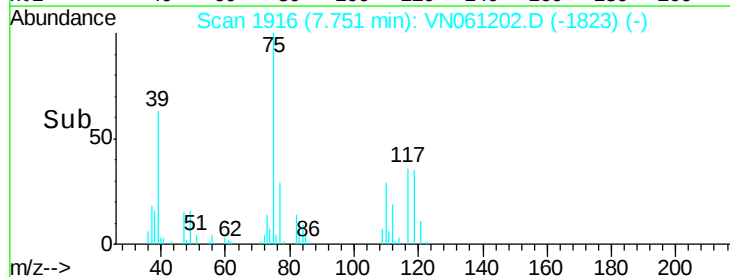
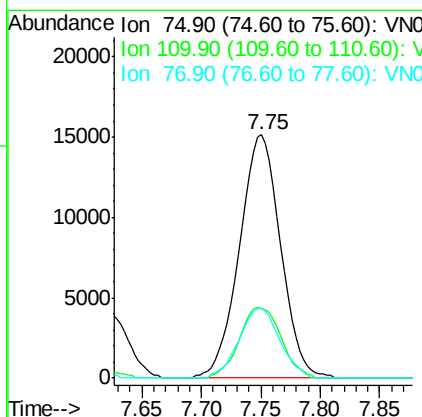
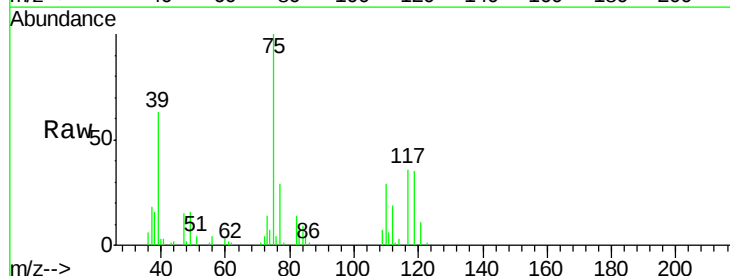
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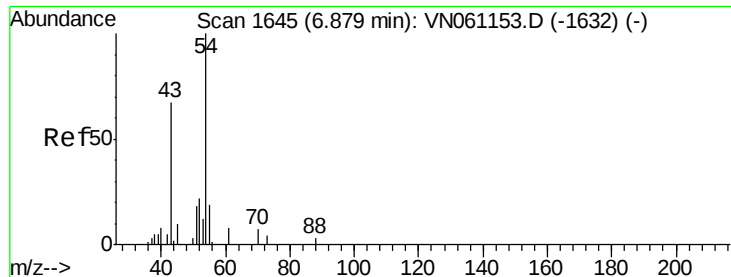
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#36
 1,1-Dichloropropene
 Concen: 19.856 ug/l
 RT: 7.75 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VN061202.D
 Acq: 30 Apr 2020 15:32

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	29.6	16.0	48.0	
77	28.4	24.6	37.0	





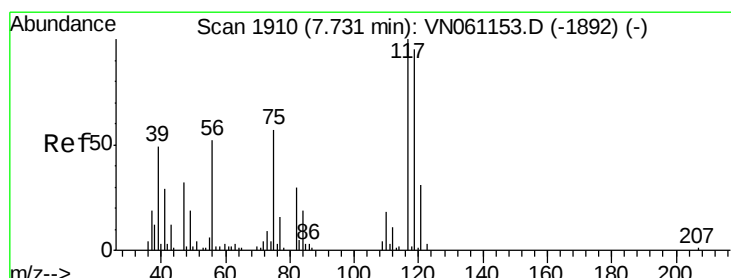
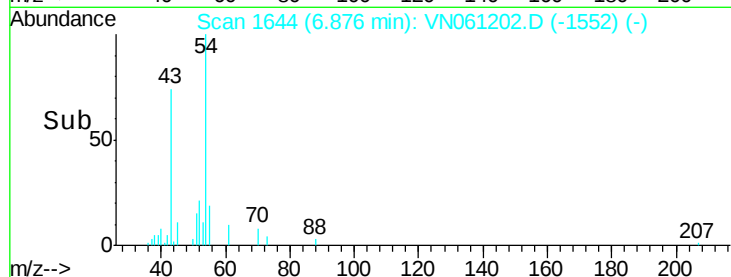
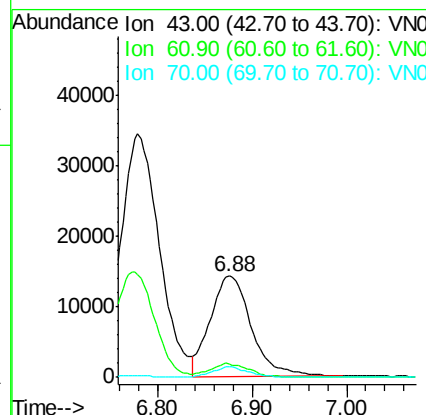
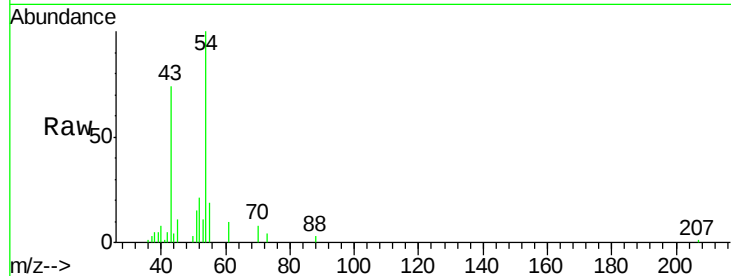
#37
Ethyl Acetate
Concen: 20.057 ug/l
RT: 6.88 min Scan# 1644
Delta R.T. -0.00 min
Lab File: VN061202.D
Acq: 30 Apr 2020 15:32

Instrument :
MSVOA_N
ClientSampleId :
VN0430WBSD01

Tot Ion	43	Ratio	Lower	Upper
43	100			
61	12.8	10.2	15.2	
70	8.8	7.2	10.8	

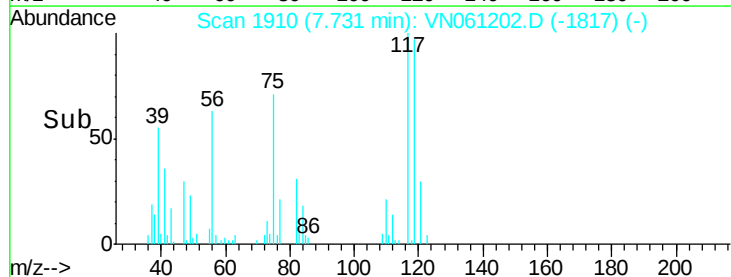
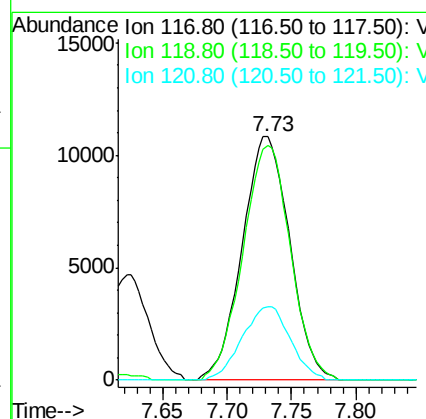
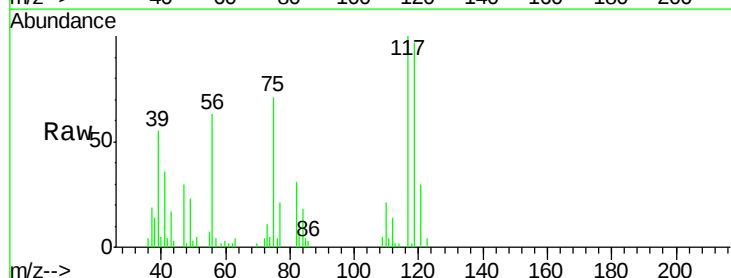
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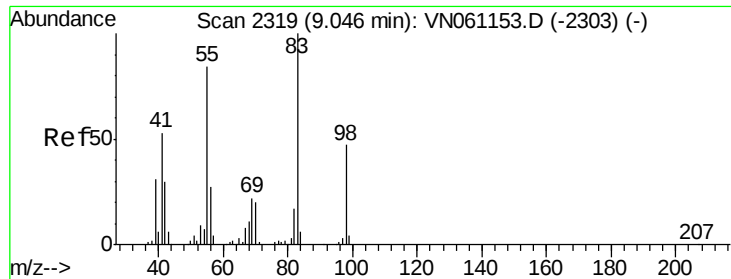
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#38
Carbon Tetrachloride
Concen: 18.209 ug/l
RT: 7.73 min Scan# 1910
Delta R.T. 0.00 min
Lab File: VN061202.D
Acq: 30 Apr 2020 15:32

Tgt Ion	117	Ratio	Lower	Upper
117	100			
119	96.6	75.8	113.6	
121	30.4	24.7	37.1	





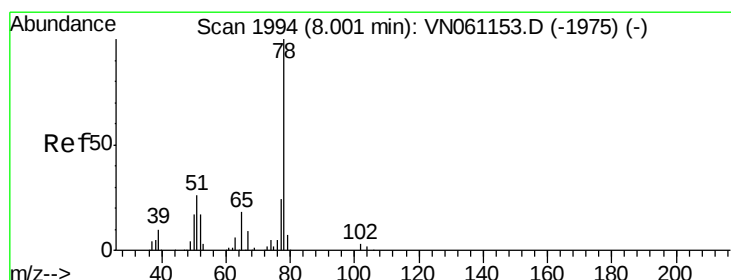
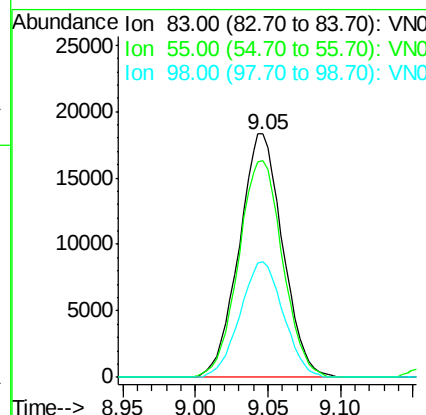
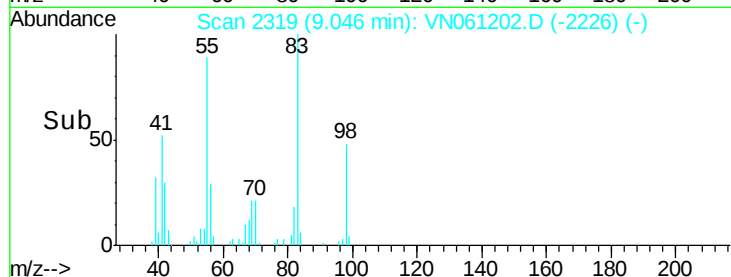
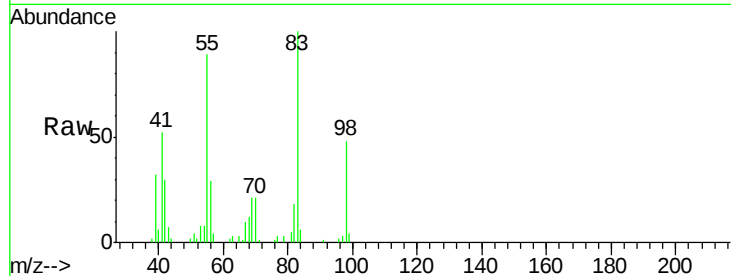
#39
Methylvlcvclohexane
Concen: 18.647 ug/l
RT: 9.05 min Scan# 2319
Delta R.T. 0.00 min
Lab File: VN061202.D
Acq: 30 Apr 2020 15:32

Instrument :
MSVOA_N
ClientSampleId :
VN0430WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	89.2	67.3	100.9
98	47.7	37.7	56.5

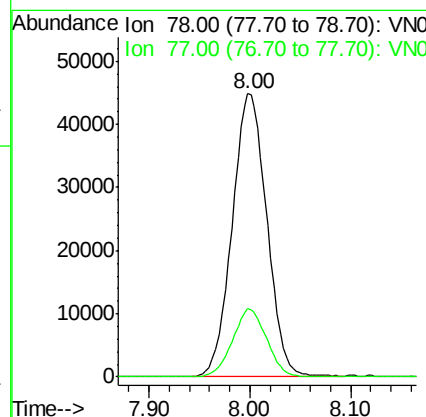
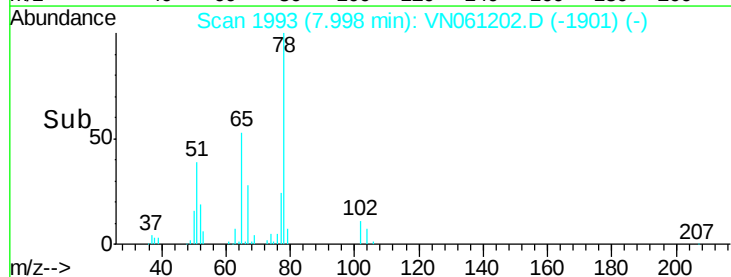
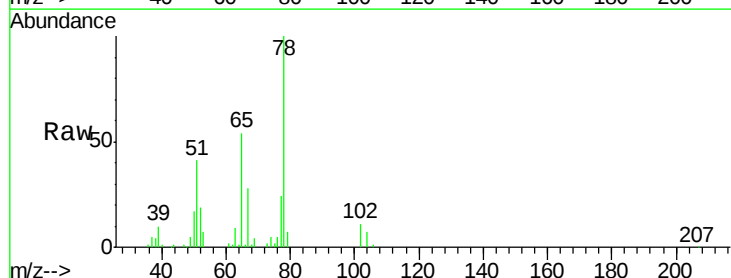
Manual Integrations
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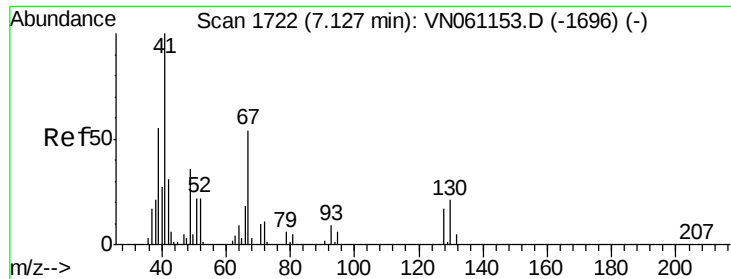
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#40
Benzene
Concen: 19.619 ug/l
RT: 8.00 min Scan# 1993
Delta R.T. -0.00 min
Lab File: VN061202.D
Acq: 30 Apr 2020 15:32

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.0	28.6





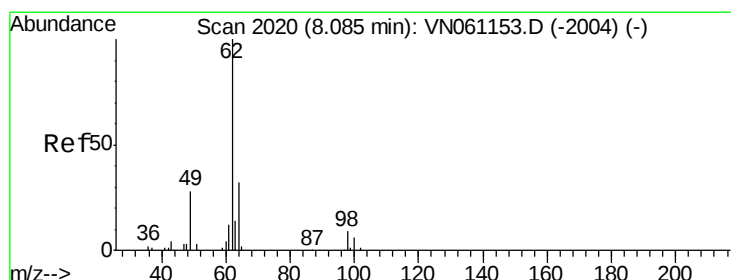
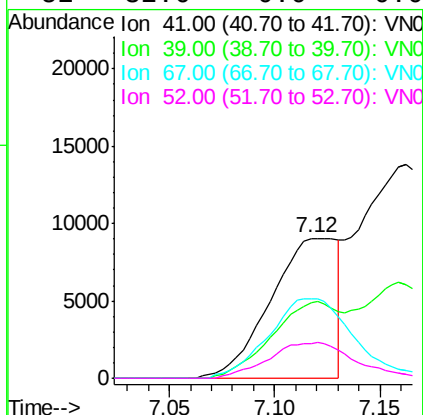
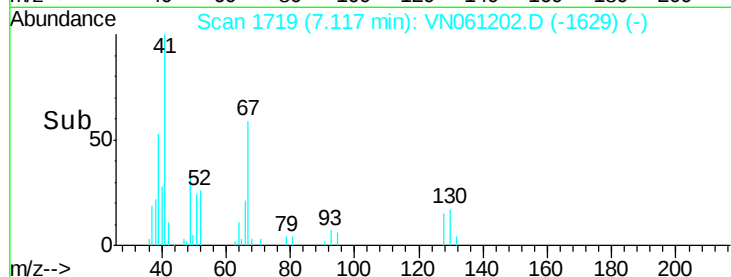
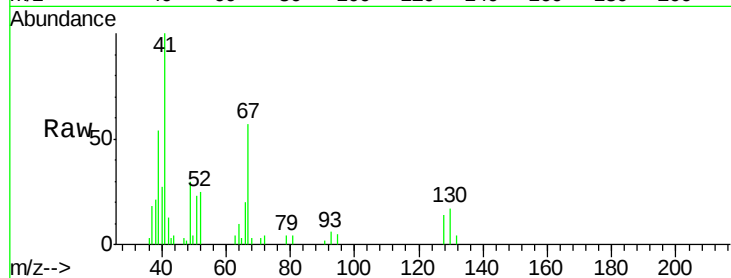
#41
Methacrylonitrile
Concen: 22.305 ug/l
RT: 7.12 min Scan# 1719
Delta R.T. -0.01 min
Lab File: VN061202.D
Acq: 30 Apr 2020 15:32

Instrument :
MSVOA_N
ClientSampleId :
VN0430WBSD01

Tot Ion	41	Resp	19862
Ion Ratio	Lower	Upper	
41	100		
39	56.4	0.0	0.0#
67	72.6	0.0	0.0#
52	32.6	0.0	0.0#

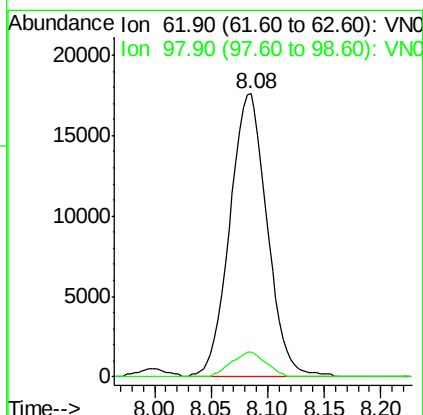
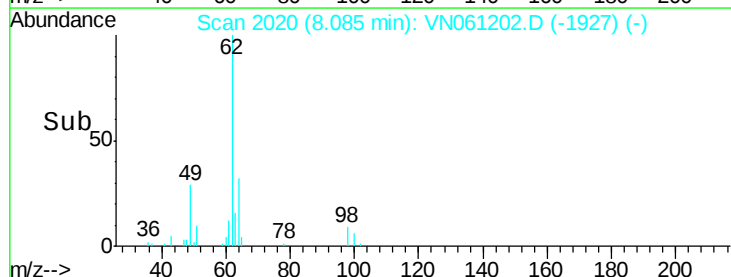
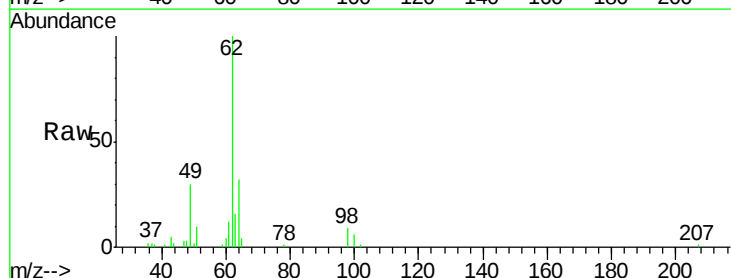
Manual Integrations
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#42
1,2-Dichloroethane
Concen: 19.605 ug/l
RT: 8.08 min Scan# 2020
Delta R.T. 0.00 min
Lab File: VN061202.D
Acq: 30 Apr 2020 15:32

Tgt Ion	62	Resp	40480
Ion Ratio	Lower	Upper	
62	100		
98	8.1	0.0	16.8





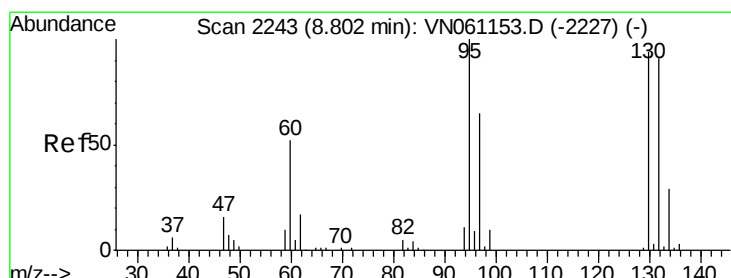
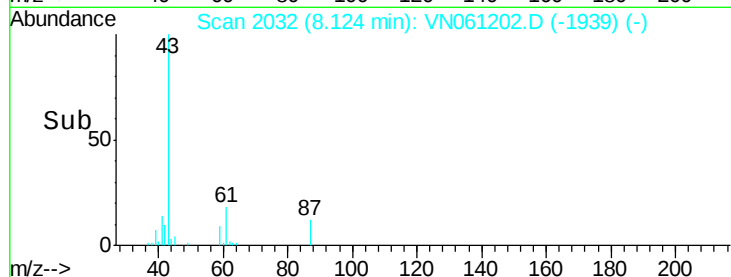
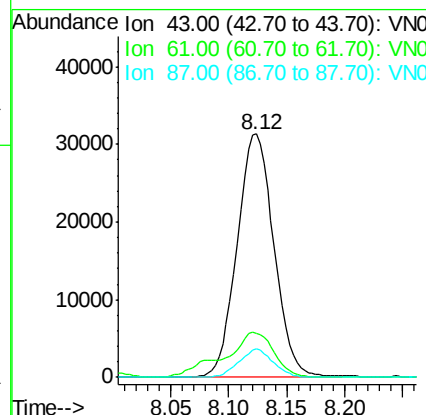
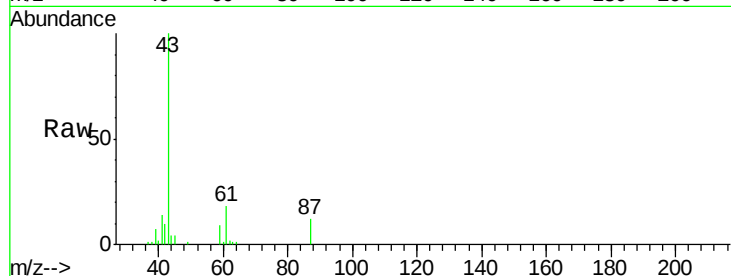
#43
Isopropyl Acetate
Concen: 19.419 ug/l
RT: 8.12 min Scan# 2032
Delta R.T. 0.00 min
Lab File: VN061202.D
Acq: 30 Apr 2020 15:32

Instrument :
MSVOA_N
ClientSampleId :
VN0430WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.0	19.5	29.3#
87	10.7	8.9	13.3

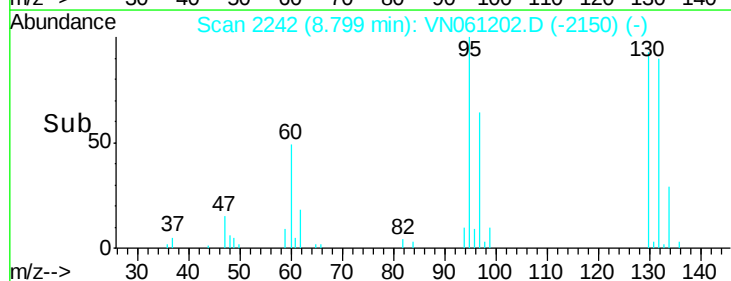
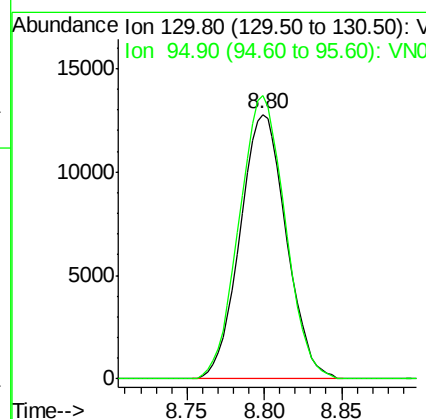
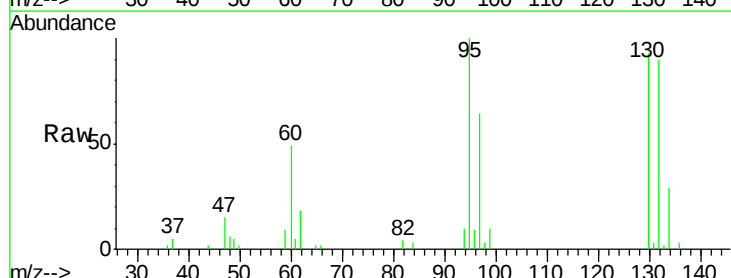
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#44
Trichloroethene
Concen: 18.040 ug/l
RT: 8.80 min Scan# 2242
Delta R.T. -0.00 min
Lab File: VN061202.D
Acq: 30 Apr 2020 15:32

Tgt Ion	Ratio	Lower	Upper
130	100		
95	107.0	0.0	212.4





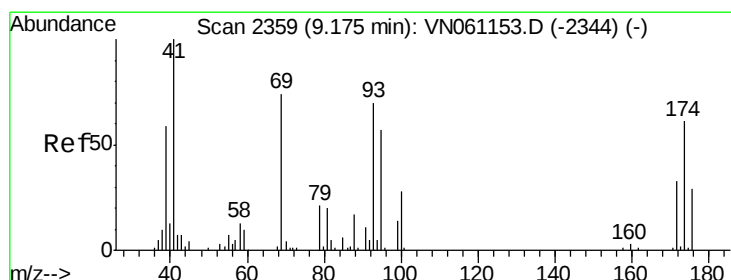
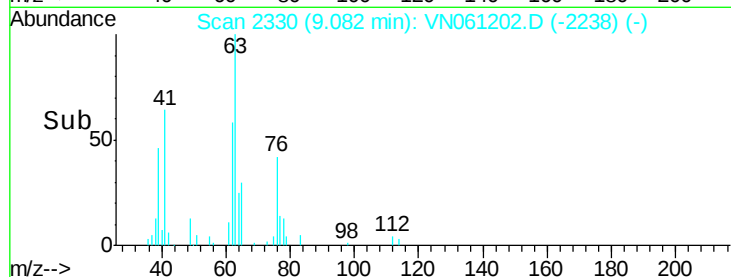
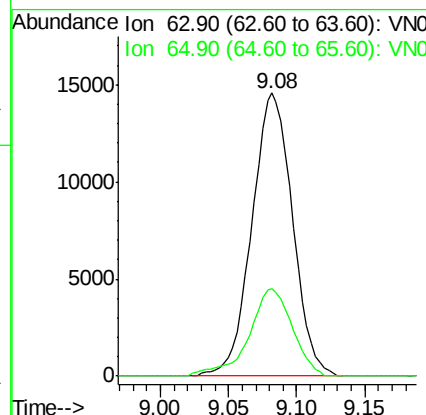
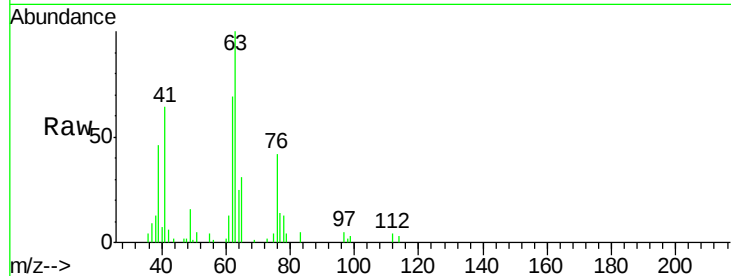
#45
 1,2-Dichloropropane
 Concen: 20.667 ug/l
 RT: 9.08 min Scan# 2330
 Delta R.T. -0.00 min
 Lab File: VN061202.D
 Acq: 30 Apr 2020 15:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0430WBSD01

Tot Ion: 63 Resp: 30094
 Ion Ratio Lower Upper
 63 100
 65 31.1 24.7 37.1

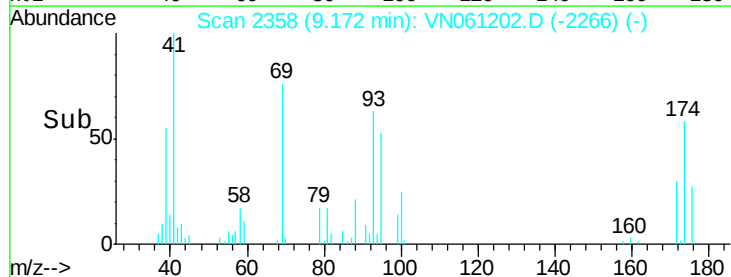
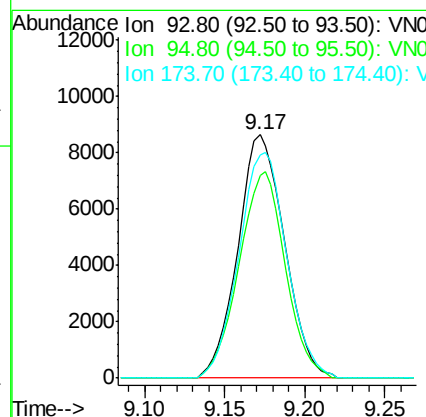
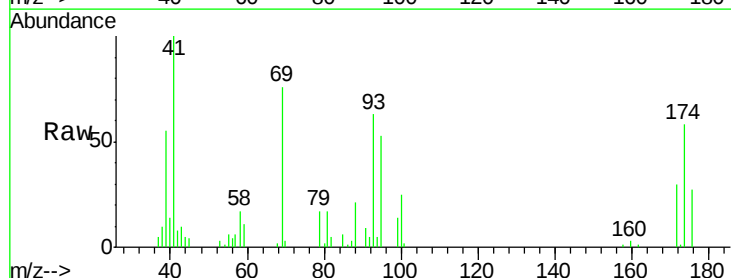
Manual Integrations
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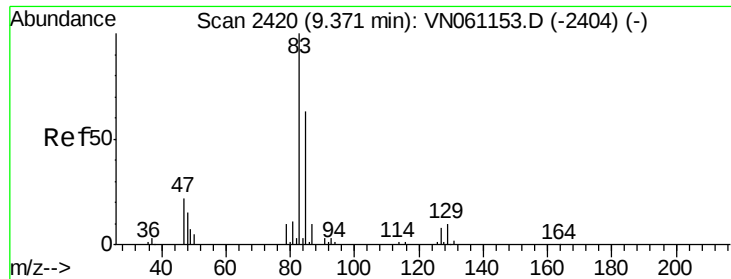
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 5/1/2020 10:54:25 AM



#46
 Dibromomethane
 Concen: 19.087 ug/l
 RT: 9.17 min Scan# 2358
 Delta R.T. -0.00 min
 Lab File: VN061202.D
 Acq: 30 Apr 2020 15:32

Tgt Ion: 93 Resp: 17209
 Ion Ratio Lower Upper
 93 100
 95 83.8 66.6 99.8
 174 95.1 70.2 105.2





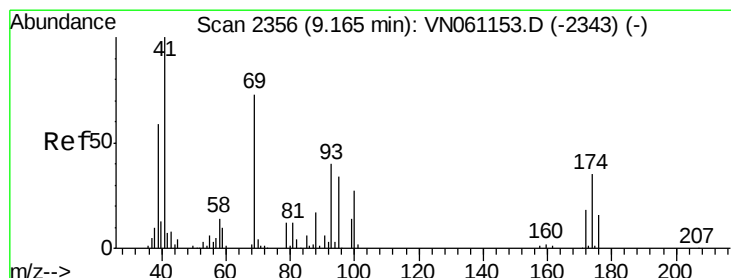
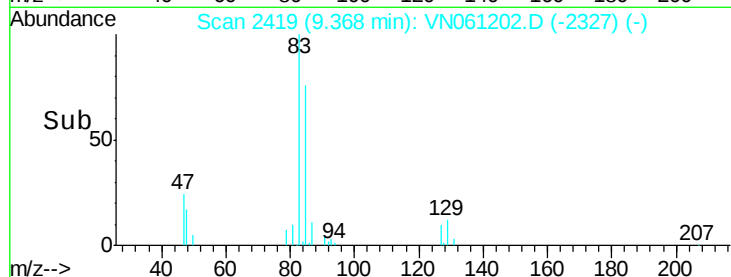
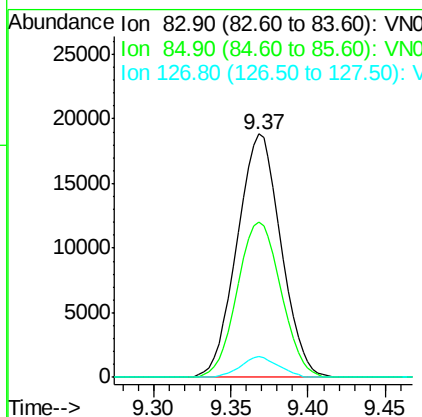
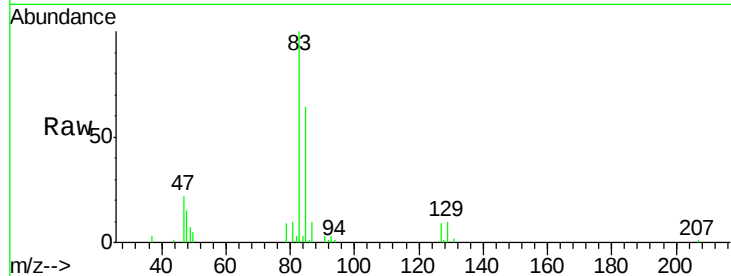
#47
Bromodichloromethane
Concen: 19.223 ug/l
RT: 9.37 min Scan# 2419
Delta R.T. -0.00 min
Lab File: VN061202.D
Acq: 30 Apr 2020 15:32

Instrument :
MSVOA_N
ClientSampleId :
VN0430WBSD01

Tot Ion	83	Resp	37199
Ion Ratio	100	Lower	Upper
83	100		
85	63.9	50.4	75.6
127	8.8	6.2	9.2

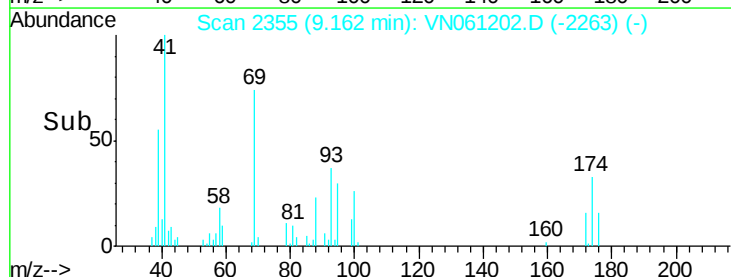
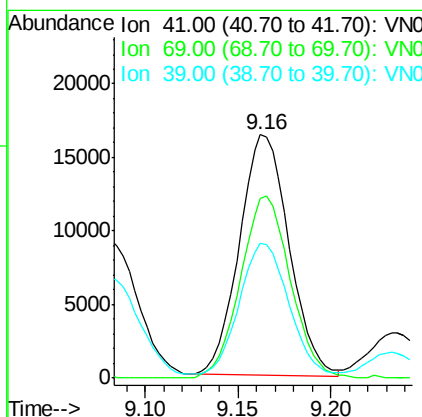
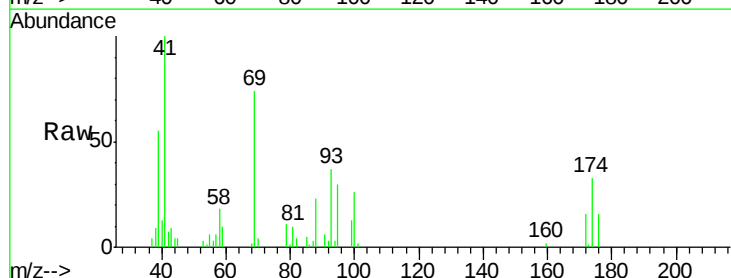
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#48
Methyl methacrylate
Concen: 19.053 ug/l
RT: 9.16 min Scan# 2355
Delta R.T. -0.00 min
Lab File: VN061202.D
Acq: 30 Apr 2020 15:32

Tgt Ion	41	Resp	30603
Ion Ratio	100	Lower	Upper
41	100		
69	75.7	60.3	90.5
39	57.3	47.4	71.0





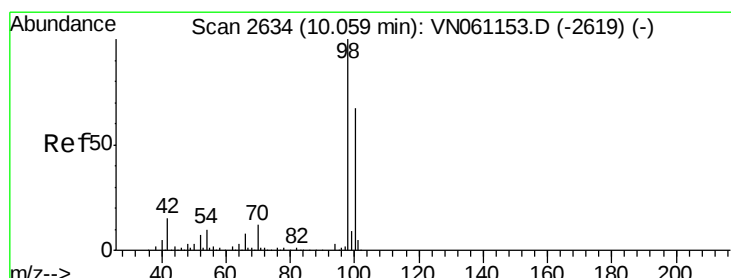
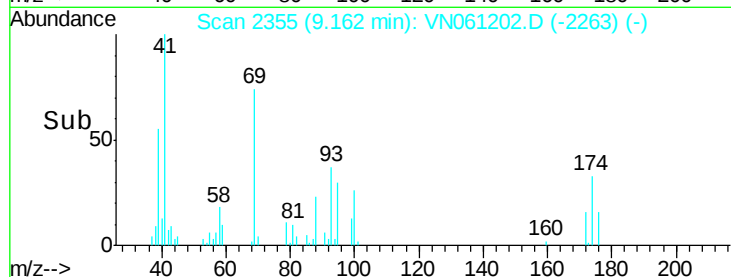
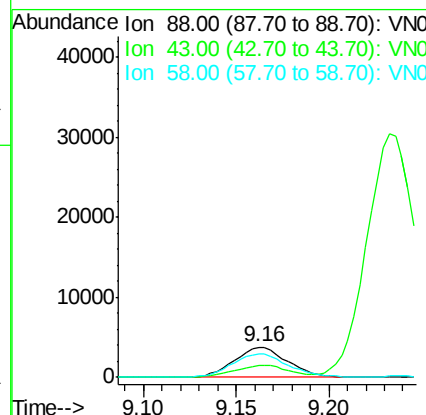
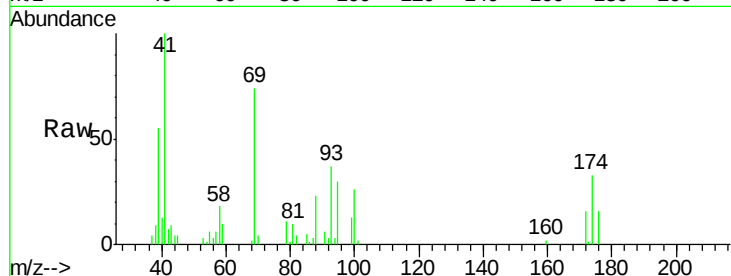
#49
1,4-Dioxane
Concen: 405.928 ug/l
RT: 9.16 min Scan# 2355
Delta R.T. -0.00 min
Lab File: VN061202.D
Acq: 30 Apr 2020 15:32

Instrument :
MSVOA_N
ClientSampleId :
VN0430WBSD01

Tot Ion	88	Resp	7401
Ion	Ratio	Lower	Upper
88	100		
43	41.6	35.3	52.9
58	83.0	61.5	92.3

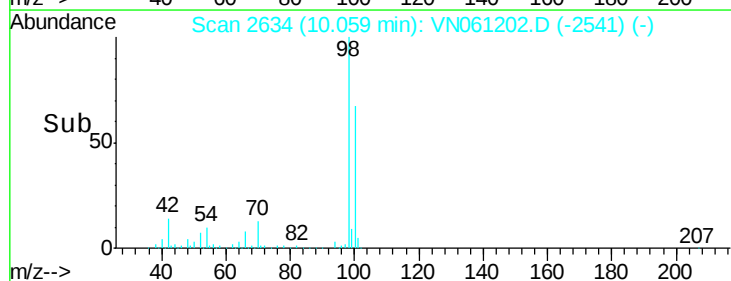
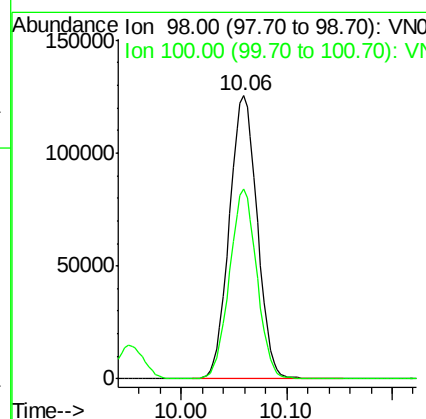
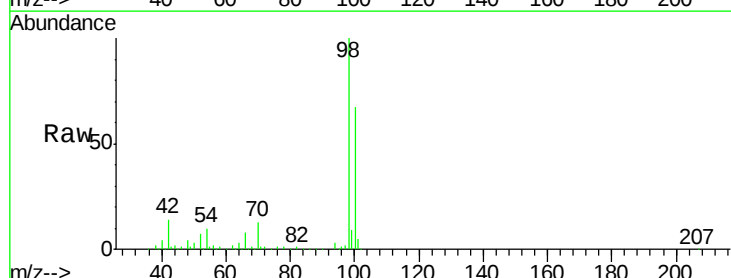
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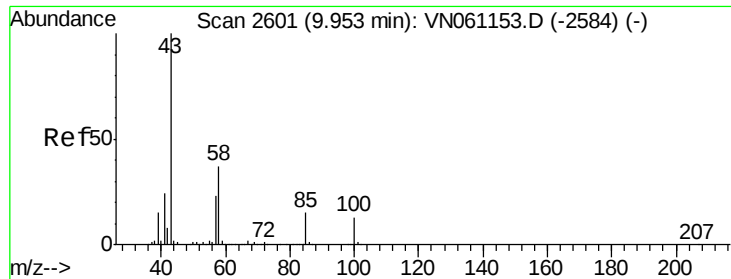
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#50
Toluene-d8
Concen: 52.155 ug/l
RT: 10.06 min Scan# 2634
Delta R.T. 0.00 min
Lab File: VN061202.D
Acq: 30 Apr 2020 15:32

Tgt Ion	98	Resp	229763
Ion	Ratio	Lower	Upper
98	100		
100	65.9	53.4	80.0





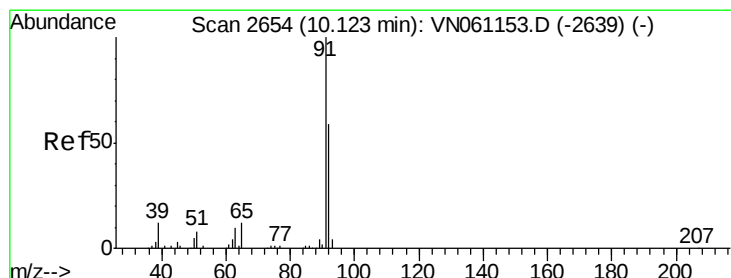
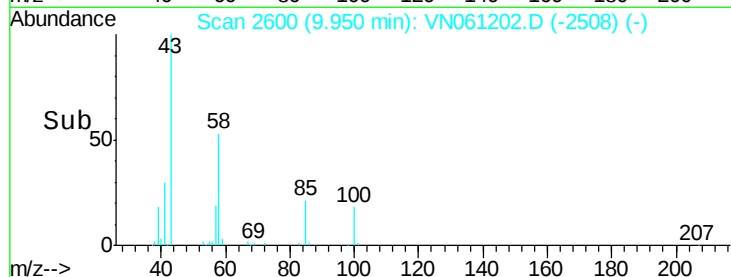
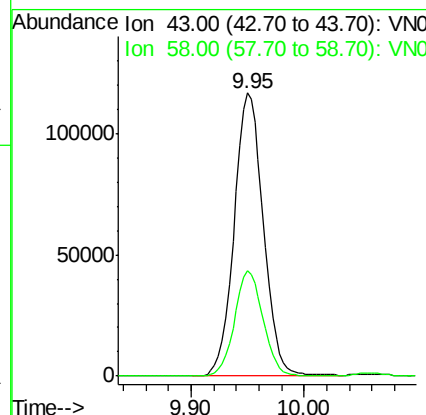
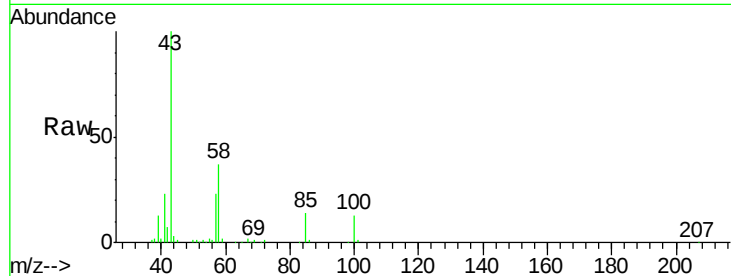
#51
4-Methyl-2-Pentanone
Concen: 100.020 ug/l
RT: 9.95 min Scan# 2600
Delta R.T. -0.00 min
Lab File: VN061202.D
Acq: 30 Apr 2020 15:32

Instrument :
MSVOA_N
ClientSampleId :
VN0430WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
43	100	209555		
58	36.4		29.1	43.7

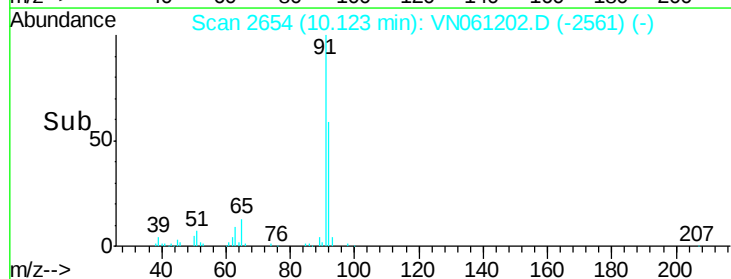
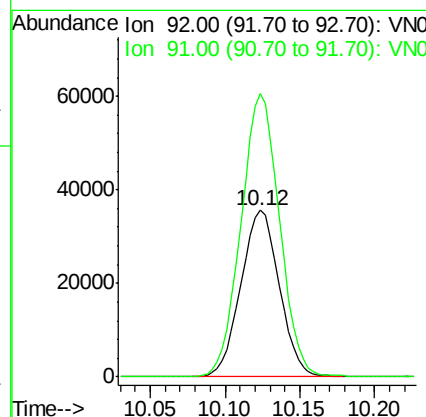
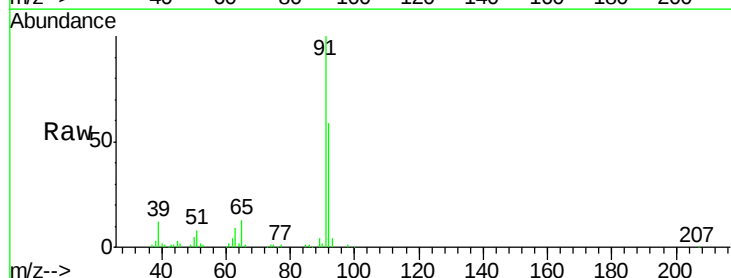
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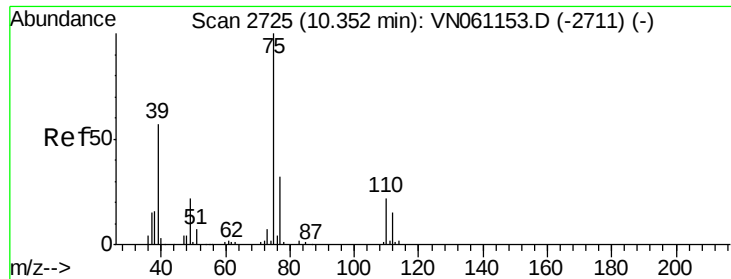
MMDadoda
5/1/2020 10:54:25 AM



#52
Toluene
Concen: 19.430 ug/l
RT: 10.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VN061202.D
Acq: 30 Apr 2020 15:32

Tgt Ion	Ratio	Resp	Lower	Upper
92	100	63789		
91	170.3		136.2	204.2





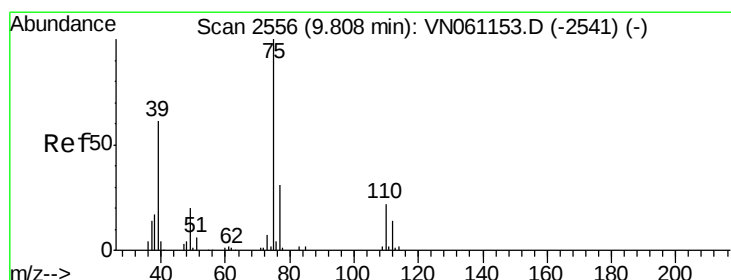
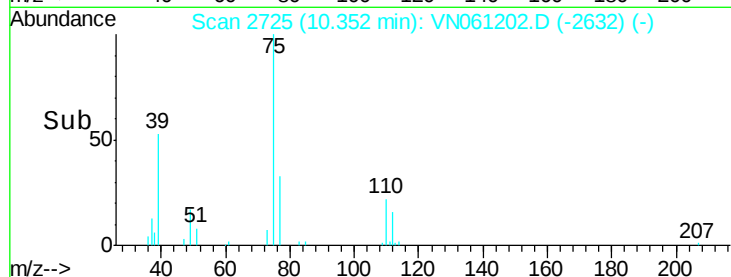
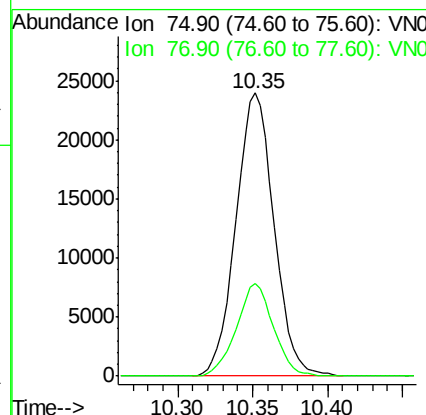
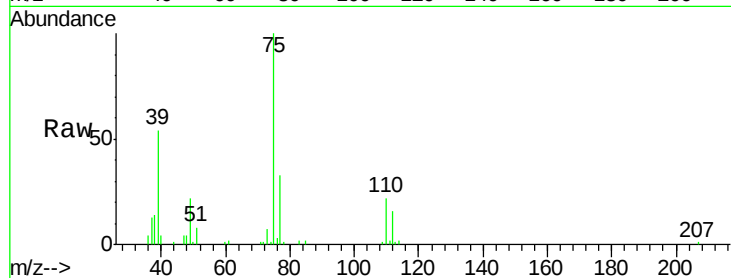
#53
t-1,3-Dichloropropene
Concen: 19.469 ug/l
RT: 10.35 min Scan# 2725
Delta R.T. 0.00 min
Lab File: VN061202.D
Acq: 30 Apr 2020 15:32

Instrument :
MSVOA_N
ClientSampled :
VN0430WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.6	25.5	38.3

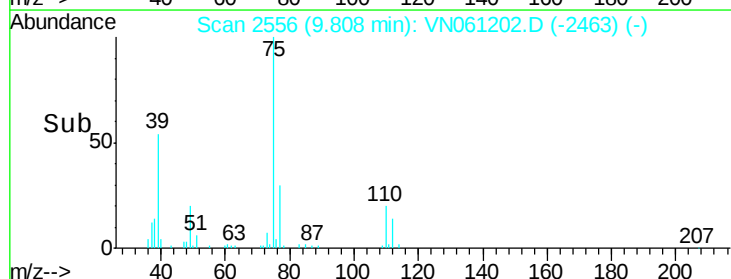
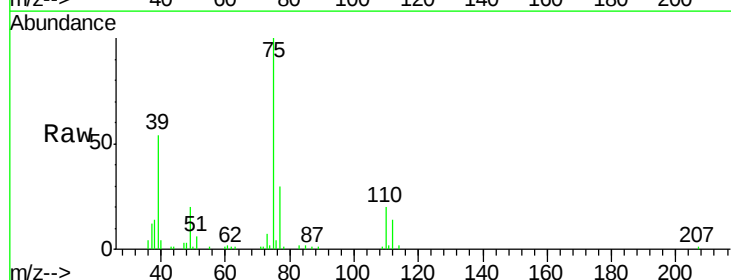
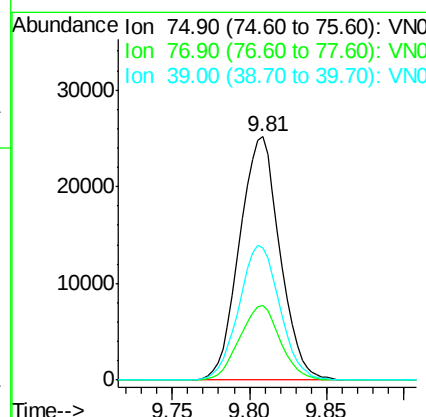
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#54
cis-1,3-Dichloropropene
Concen: 19.803 ug/l
RT: 9.81 min Scan# 2556
Delta R.T. 0.00 min
Lab File: VN061202.D
Acq: 30 Apr 2020 15:32

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.4	25.0	37.4
39	54.4	48.7	73.1





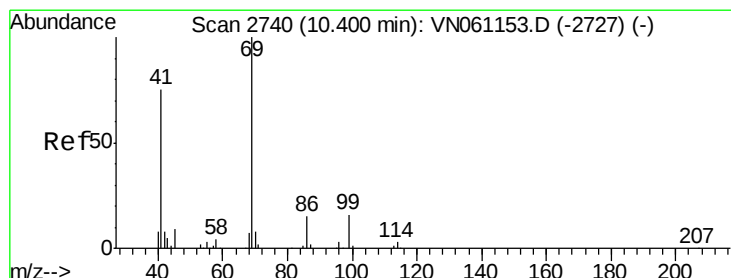
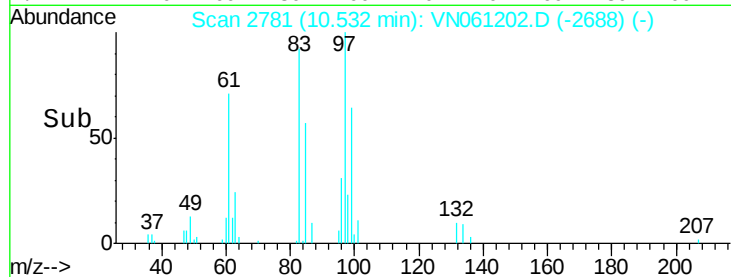
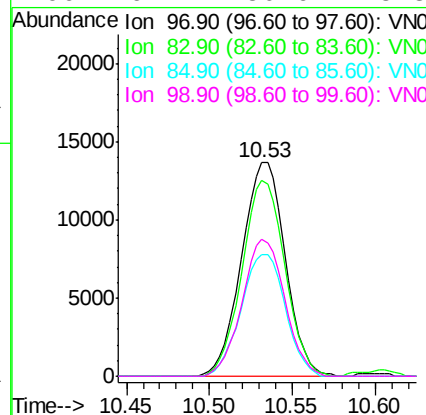
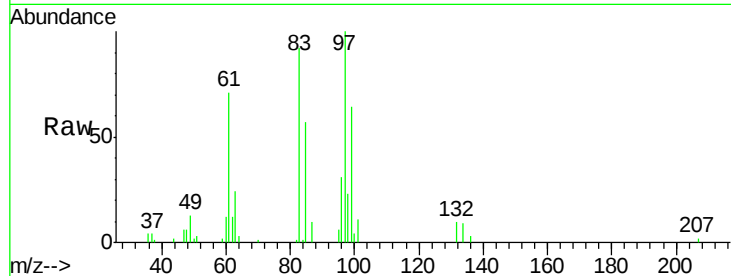
#55
 1,1,2-Trichloroethane
 Concen: 19.155 ug/l
 RT: 10.53 min Scan# 2781
 Delta R.T. 0.00 min
 Lab File: VN061202.D
 Acq: 30 Apr 2020 15:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0430WBSD01

Tot Ion:	97	Resp:	25083
Ion	Ratio	Lower	Upper
97	100		
83	92.0	70.6	106.0
85	57.0	46.4	69.6
99	64.1	50.6	75.8

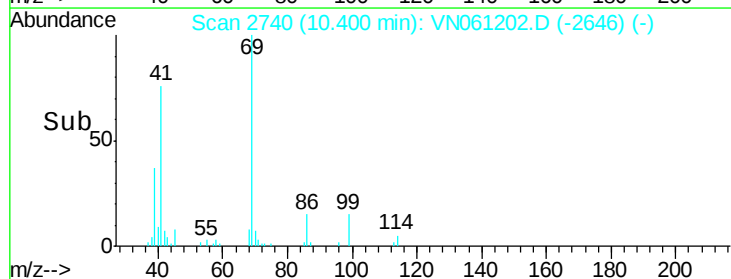
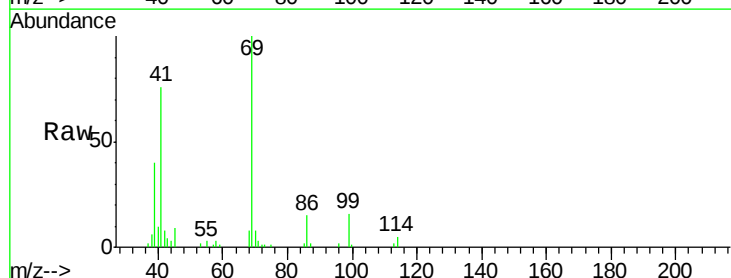
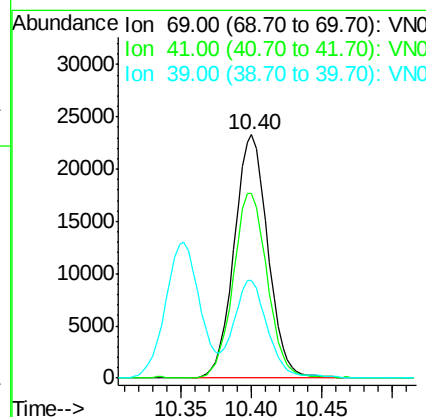
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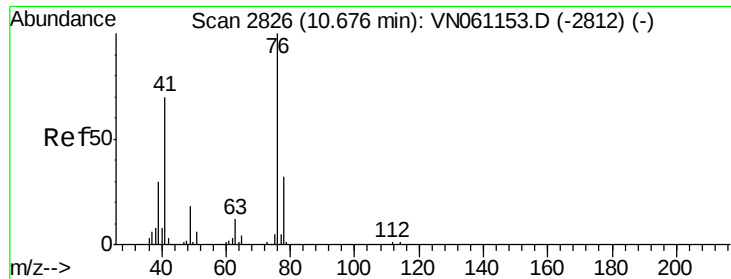
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 5/1/2020 10:54:25 AM



#56
 Ethyl methacrylate
 Concen: 18.877 ug/l
 RT: 10.40 min Scan# 2740
 Delta R.T. 0.00 min
 Lab File: VN061202.D
 Acq: 30 Apr 2020 15:32

Tgt Ion:	69	Resp:	38978
Ion	Ratio	Lower	Upper
69	100		
41	76.9	60.3	90.5
39	40.4	35.9	53.9





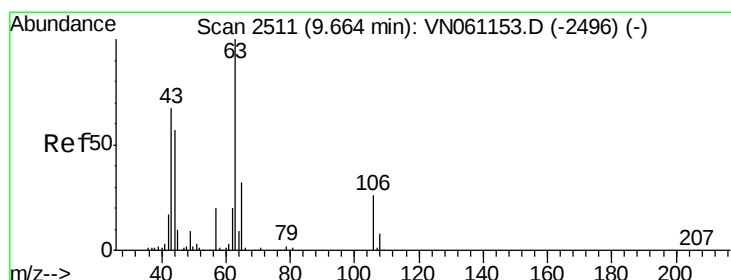
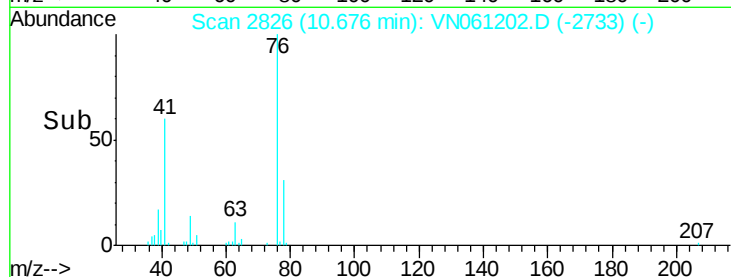
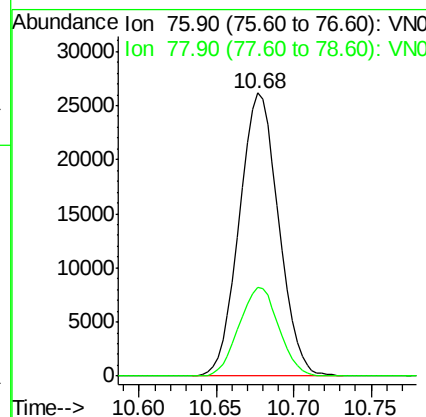
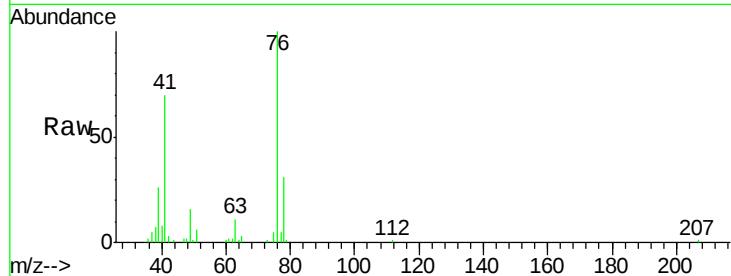
#57
 1,3-Dichloropropane
 Concen: 20.136 ug/l
 RT: 10.68 min Scan# 2826
 Delta R.T. 0.00 min
 Lab File: VN061202.D
 Acq: 30 Apr 2020 15:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0430WBSD01

Tot Ion: 76 Resp: 46347
 Ion Ratio Lower Upper
 76 100
 78 31.6 25.5 38.3

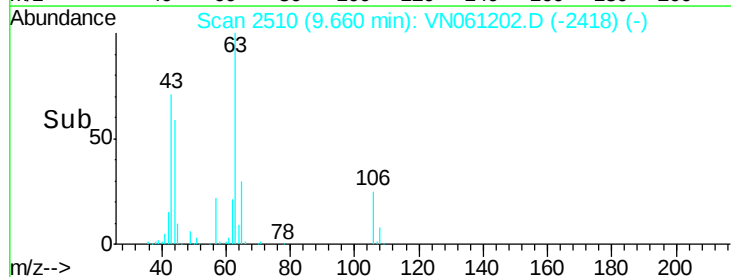
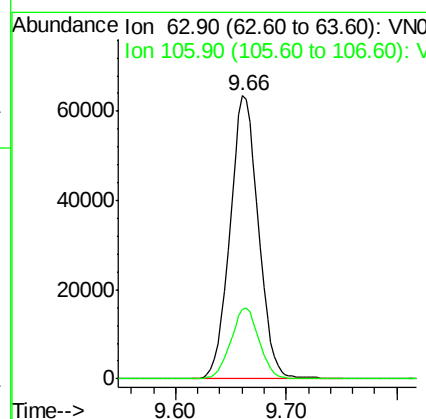
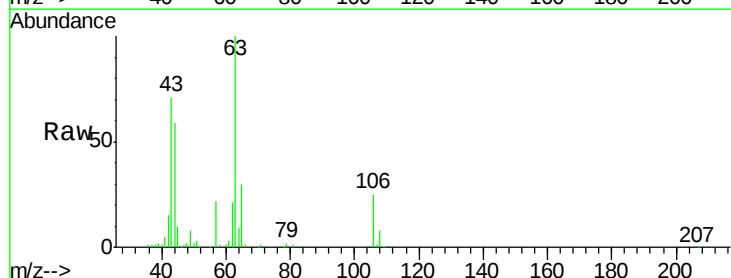
Manual Integrations
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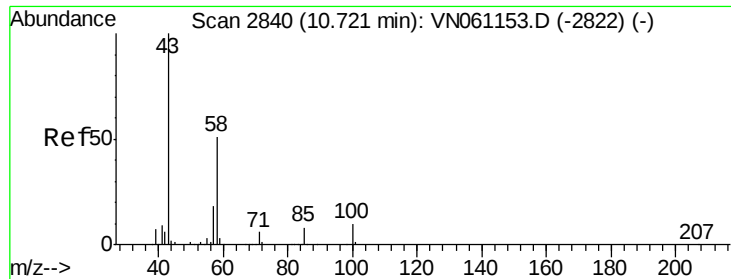
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 5/1/2020 10:54:25 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 106.677 ug/l
 RT: 9.66 min Scan# 2510
 Delta R.T. -0.00 min
 Lab File: VN061202.D
 Acq: 30 Apr 2020 15:32

Tgt Ion: 63 Resp: 113072
 Ion Ratio Lower Upper
 63 100
 106 24.8 20.6 30.8





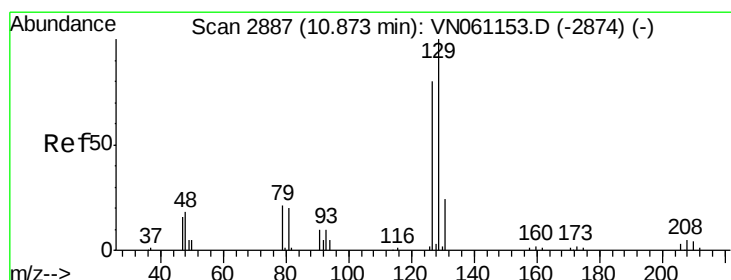
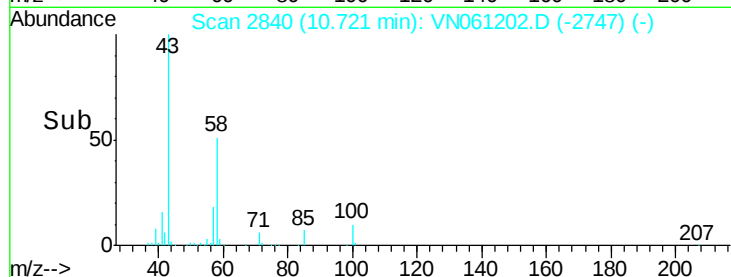
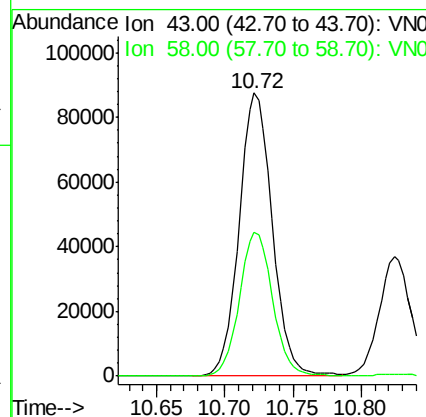
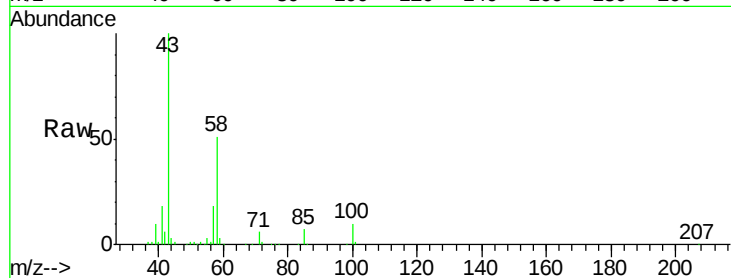
#59
2-Hexanone
Concen: 96.995 ug/l
RT: 10.72 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VN061202.D
Acq: 30 Apr 2020 15:32

Instrument :
MSVOA_N
ClientSampled :
VN0430WBSD01

Tot Ion	43	Resp	147845
Ion Ratio	43	100	
Lower	58	50.9	25.4
Upper			76.4

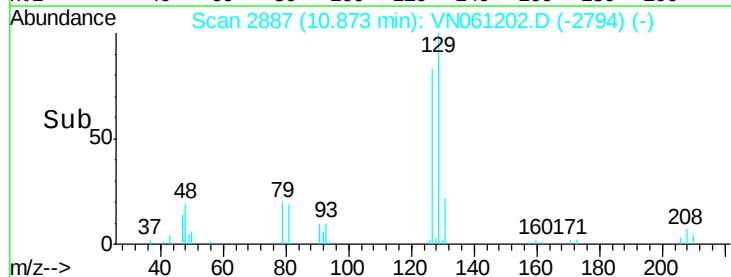
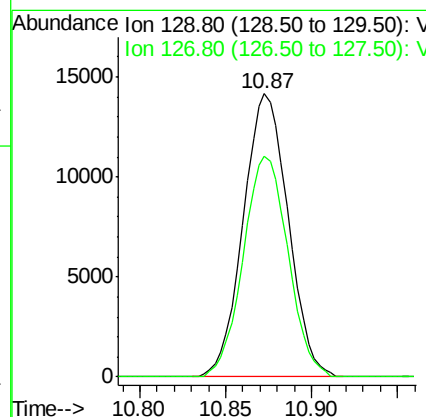
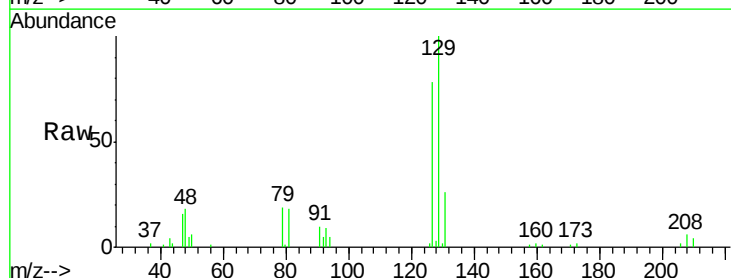
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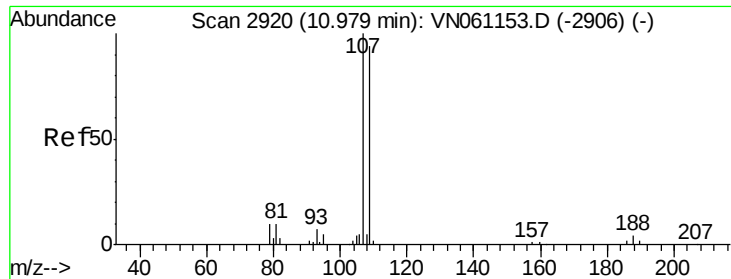
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#60
Dibromochloromethane
Concen: 18.741 ug/l
RT: 10.87 min Scan# 2887
Delta R.T. 0.00 min
Lab File: VN061202.D
Acq: 30 Apr 2020 15:32

Tgt Ion	129	Resp	25702
Ion Ratio	129	100	
Lower	127	77.6	39.3
Upper			117.8





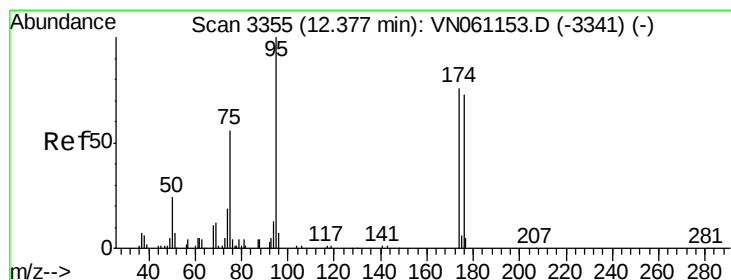
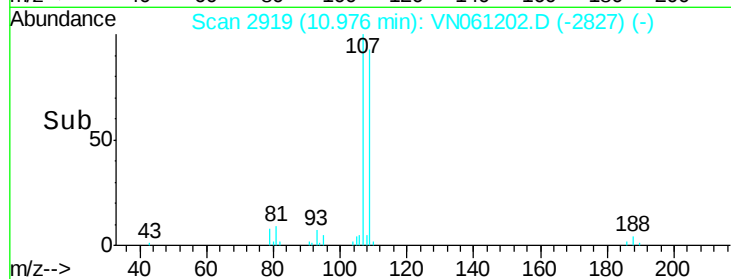
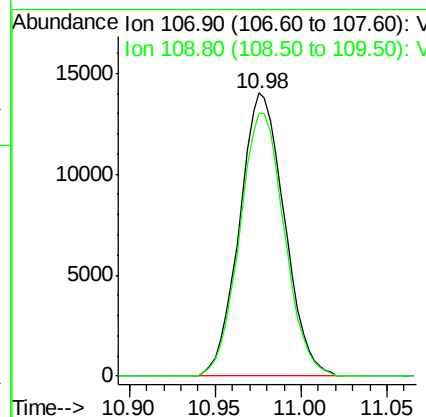
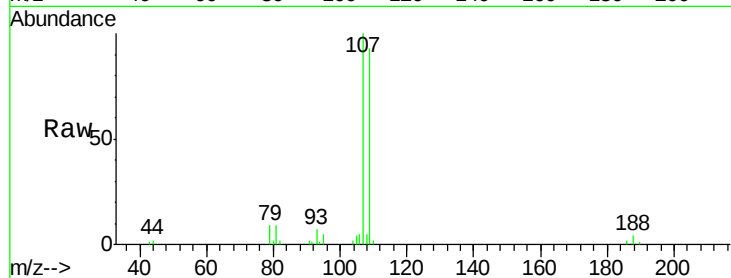
#61
 1,2-Dibromoethane
 Concen: 19.321 ug/l
 RT: 10.98 min Scan# 2919
 Delta R.T. -0.00 min
 Lab File: VN061202.D
 Acq: 30 Apr 2020 15:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0430WBSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	92.7	74.8	112.2

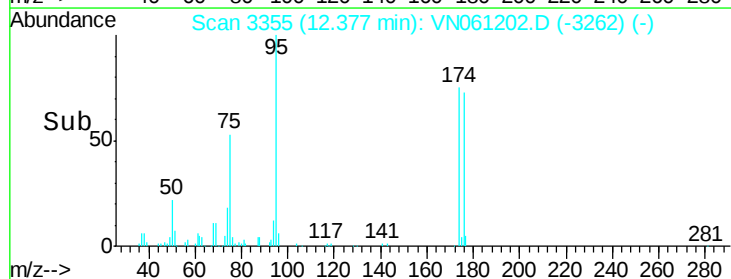
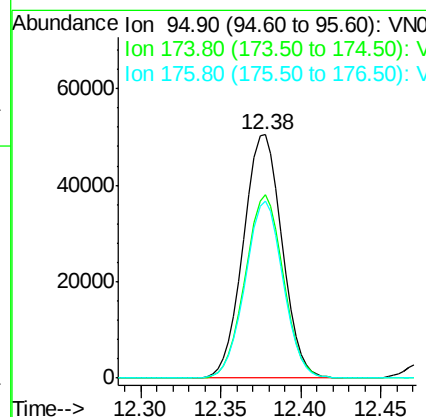
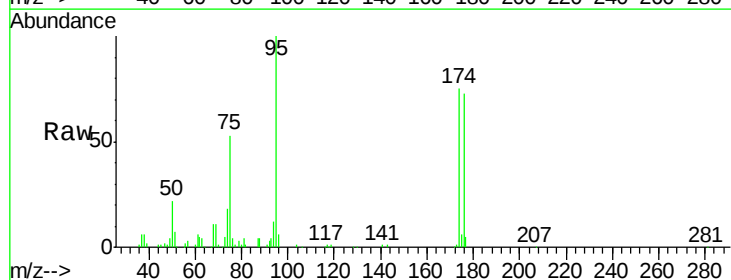
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#62
 4-Bromofluorobenzene
 Concen: 50.318 ug/l
 RT: 12.38 min Scan# 3355
 Delta R.T. 0.00 min
 Lab File: VN061202.D
 Acq: 30 Apr 2020 15:32

Tgt Ion	Ratio	Lower	Upper
95	100		
174	73.9	0.0	149.4
176	71.1	0.0	144.8





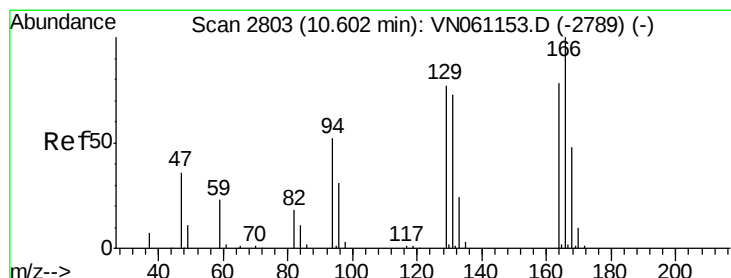
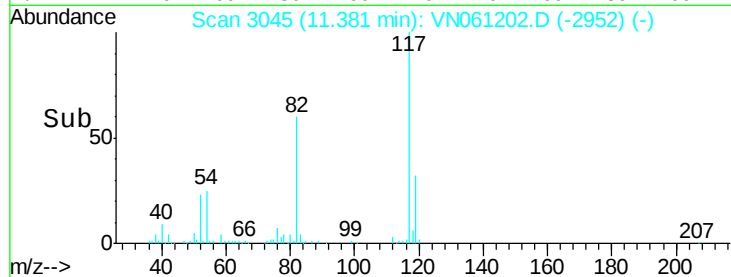
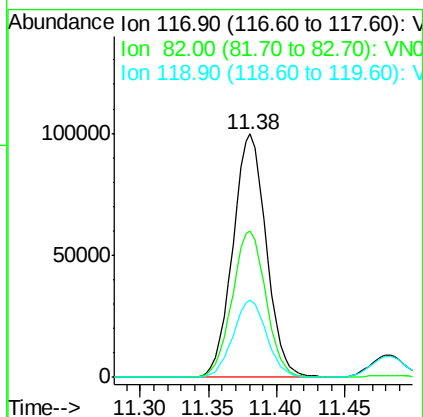
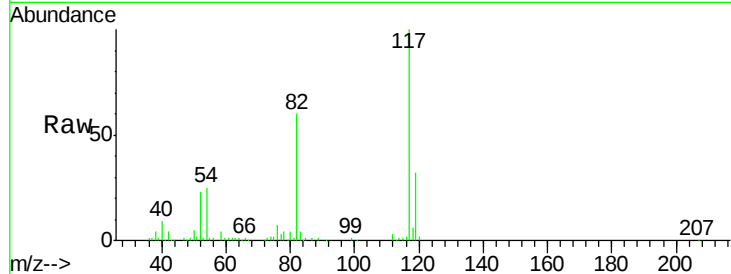
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 3045
Delta R.T. 0.00 min
Lab File: VN061202.D
Acq: 30 Apr 2020 15:32

Instrument :
MSVOA_N
ClientSampled :
VN0430WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	169569		
82	60.1	47.8	71.8	
119	31.9	25.8	38.6	

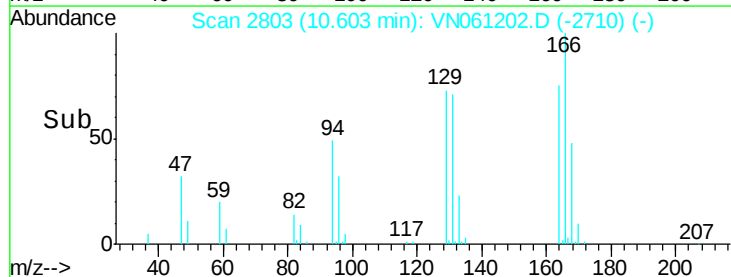
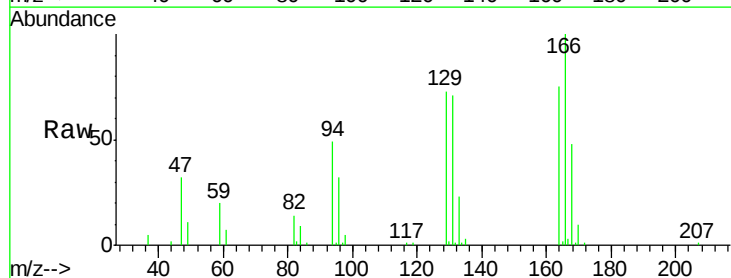
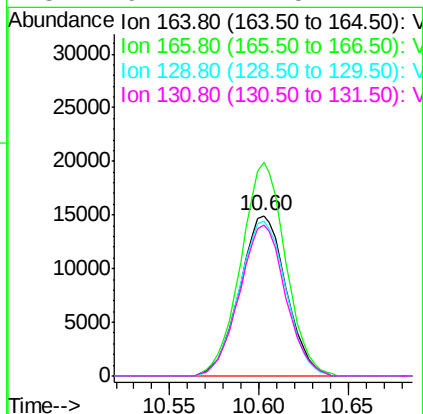
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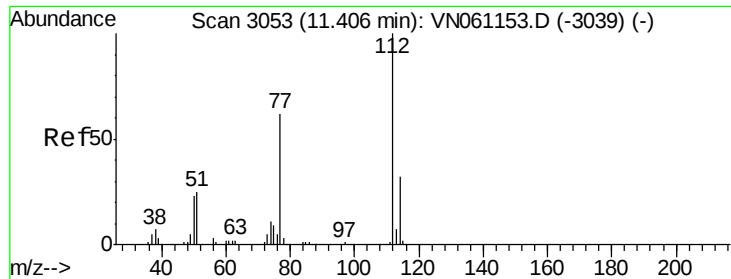
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#64
Tetrachloroethene
Concen: 18.463 ug/l
RT: 10.60 min Scan# 2803
Delta R.T. 0.00 min
Lab File: VN061202.D
Acq: 30 Apr 2020 15:32

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	27115		
166	133.0	102.0	153.0	
129	96.9	78.2	117.2	
131	94.2	74.5	111.7	





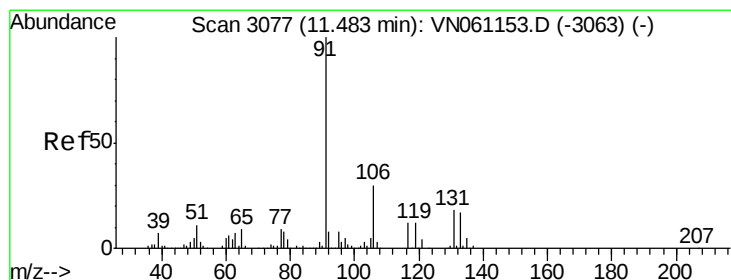
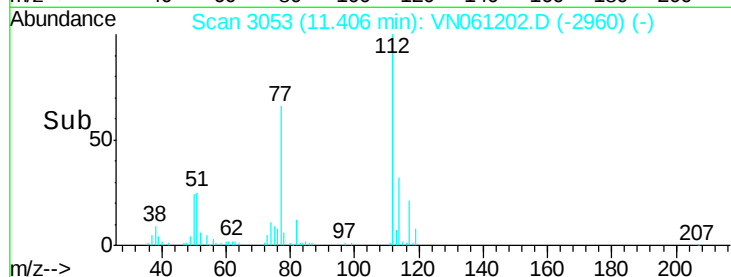
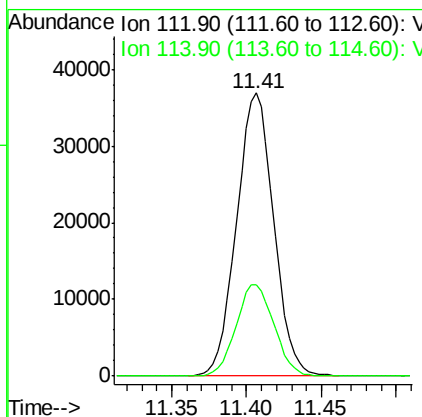
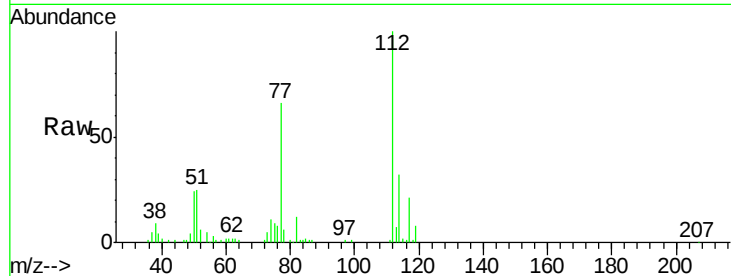
#65
Chlorobenzene
Concen: 18.935 ug/l
RT: 11.41 min Scan# 3053
Delta R.T. 0.00 min
Lab File: VN061202.D
Acq: 30 Apr 2020 15:32

Instrument :
MSVOA_N
ClientSampleId :
VN0430WBSD01

Tot Ion:112 Resp: 63690
Ion Ratio Lower Upper
112 100
114 32.1 25.4 38.2

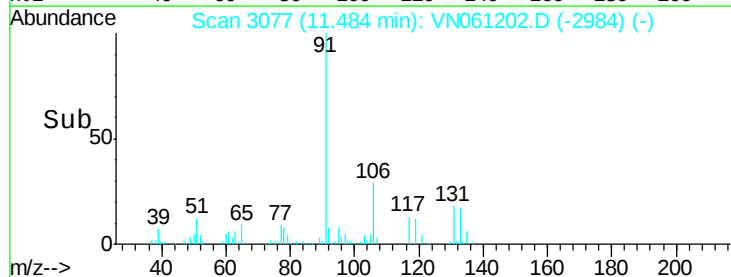
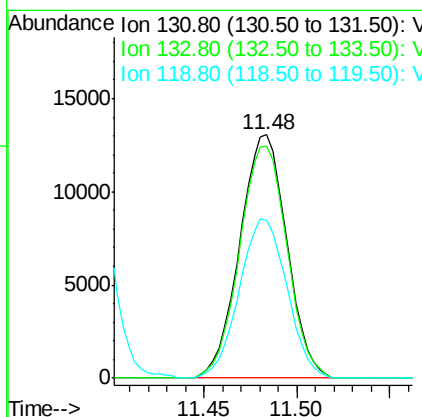
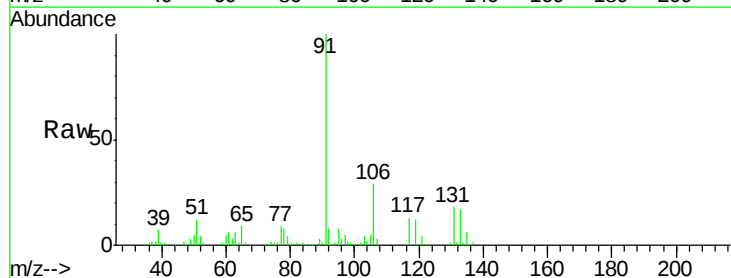
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.129 ug/l
RT: 11.48 min Scan# 3077
Delta R.T. 0.00 min
Lab File: VN061202.D
Acq: 30 Apr 2020 15:32

Tgt Ion:131 Resp: 23029
Ion Ratio Lower Upper
131 100
133 96.1 48.0 144.2
119 66.1 32.6 97.8





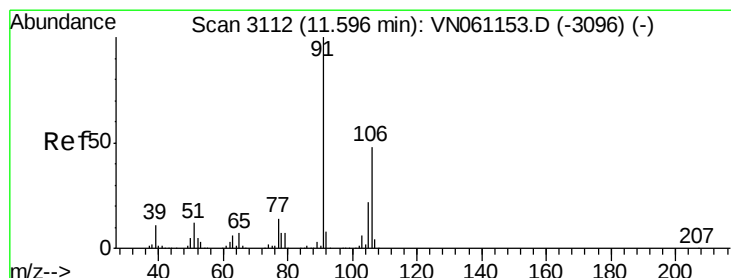
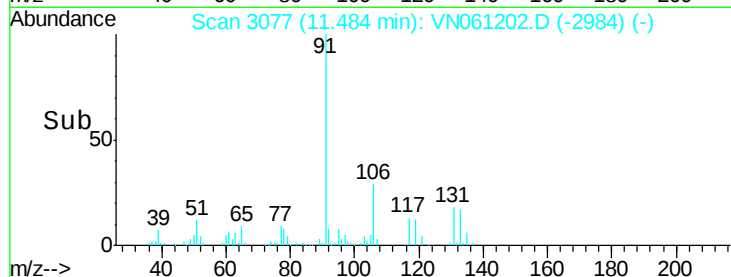
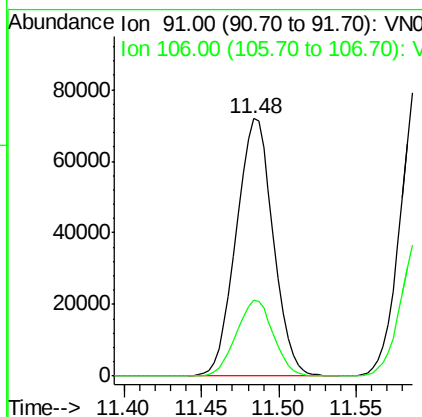
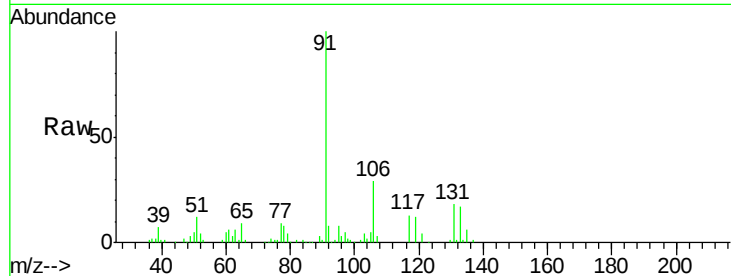
#67
Ethyl Benzene
Concen: 18.994 ug/l
RT: 11.48 min Scan# 3077
Delta R.T. 0.00 min
Lab File: VN061202.D
Acq: 30 Apr 2020 15:32

Instrument :
MSVOA_N
ClientSampled :
VN0430WBSD01

Tot Ion	91	Resp	119603
Ion Ratio	100	Lower	Upper
106	29.4	23.8	35.6

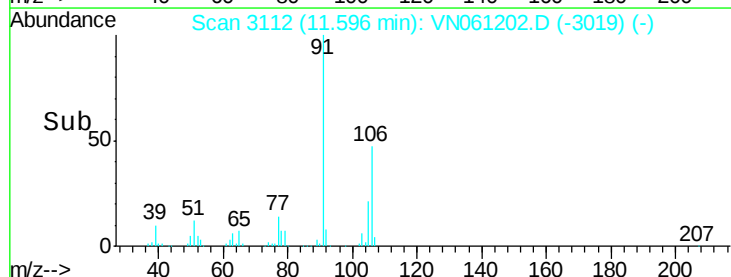
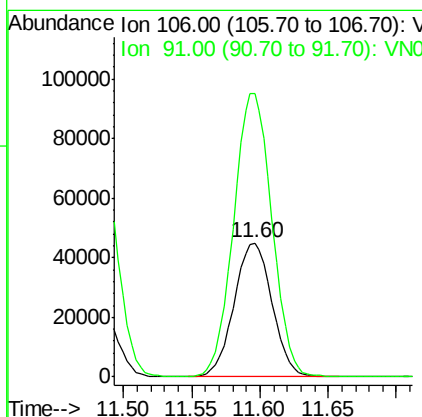
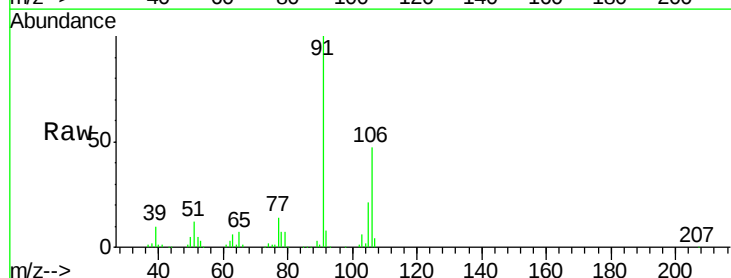
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#68
m/p-Xylenes
Concen: 37.695 ug/l
RT: 11.60 min Scan# 3112
Delta R.T. 0.00 min
Lab File: VN061202.D
Acq: 30 Apr 2020 15:32

Tgt Ion	106	Resp	86879
Ion Ratio	100	Lower	Upper
91	213.3	166.4	249.6





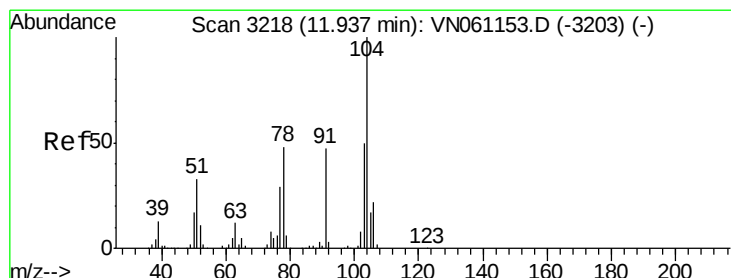
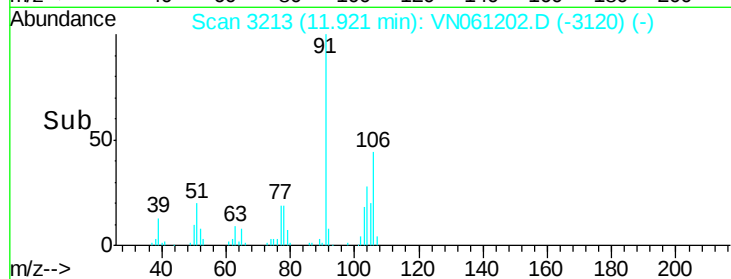
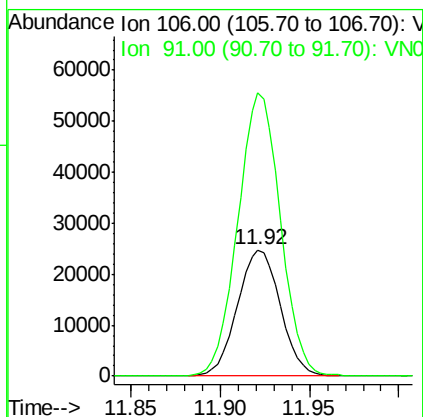
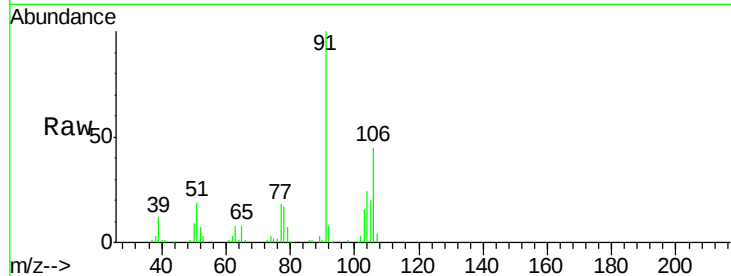
#69
o-Xylene
Concen: 18.649 ug/l
RT: 11.92 min Scan# 3213
Delta R.T. 0.00 min
Lab File: VN061202.D
Acq: 30 Apr 2020 15:32

Instrument :
MSVOA_N
ClientSampleId :
VN0430WBSD01

Tot Ion:106 Resp: 41288
Ion Ratio Lower Upper
106 100
91 223.9 109.7 329.0

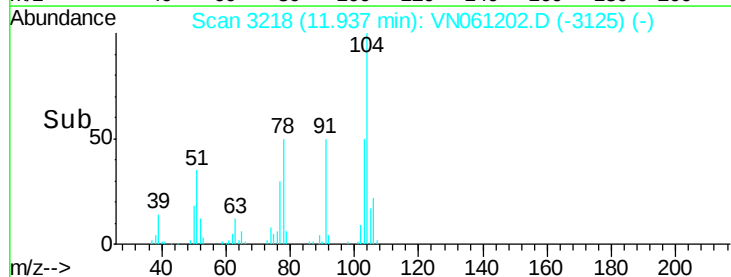
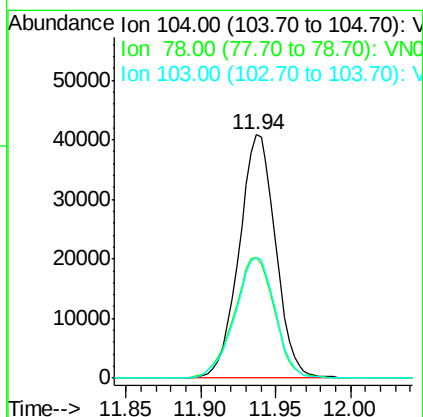
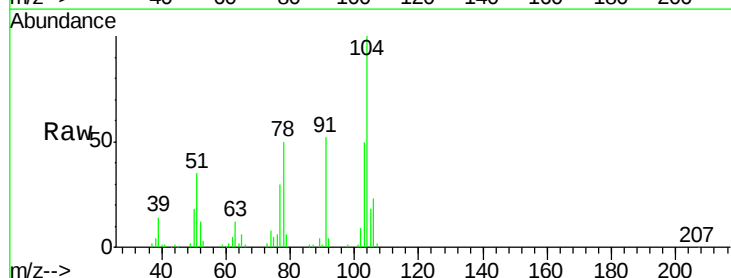
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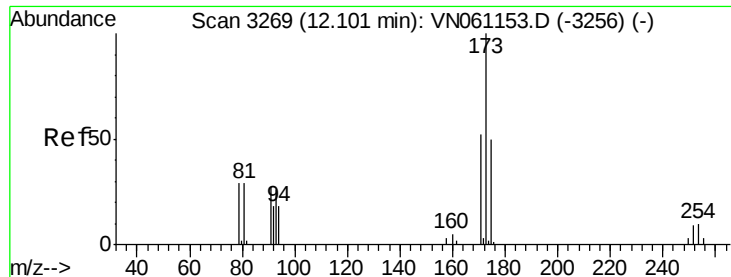
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#70
Styrene
Concen: 18.759 ug/l
RT: 11.94 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN061202.D
Acq: 30 Apr 2020 15:32

Tgt Ion:104 Resp: 69509
Ion Ratio Lower Upper
104 100
78 54.7 42.1 63.1
103 54.5 43.3 64.9





#71

Bromoform

Concen: 19.042 ug/l

RT: 12.10 min Scan# 3269

Delta R.T. 0.00 min

Lab File: VN061202.D

Acq: 30 Apr 2020 15:32

Instrument :

MSVOA_N

ClientSampleId :

VN0430WBSD01

Tot Ion:173 Resp: 16848

Ion Ratio Lower Upper

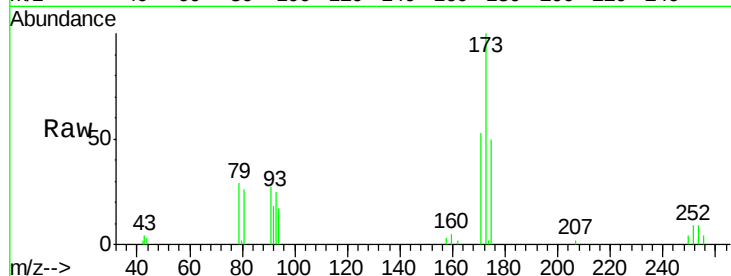
173 100

175 49.9 24.1 72.4

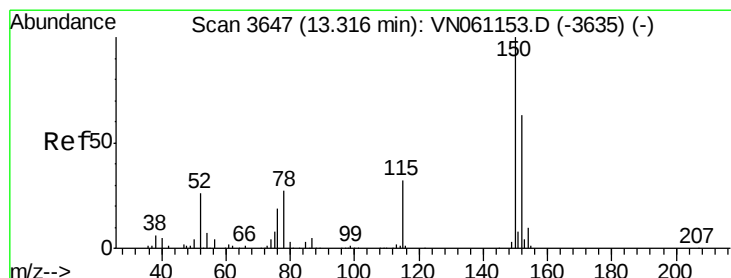
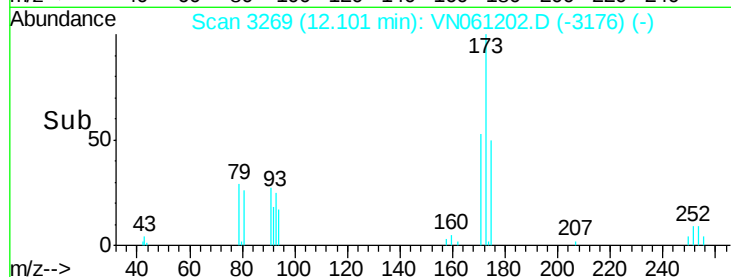
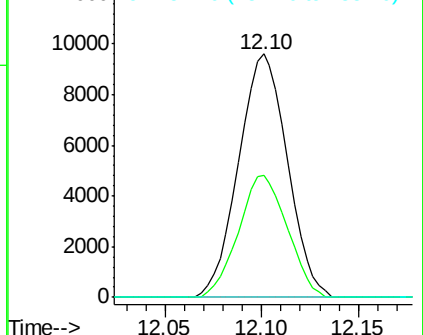
254 0.0 0.0 0.0

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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# 3648

Delta R.T. 0.00 min

Lab File: VN061202.D

Acq: 30 Apr 2020 15:32

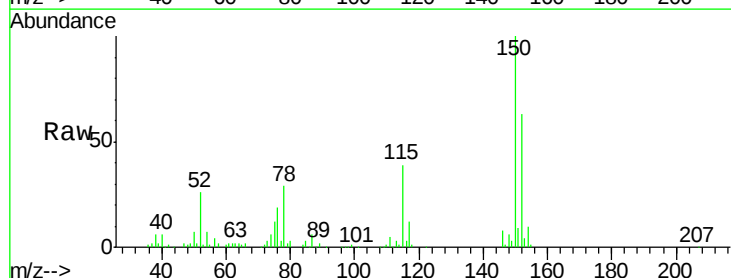
Tgt Ion:152 Resp: 79789

Ion Ratio Lower Upper

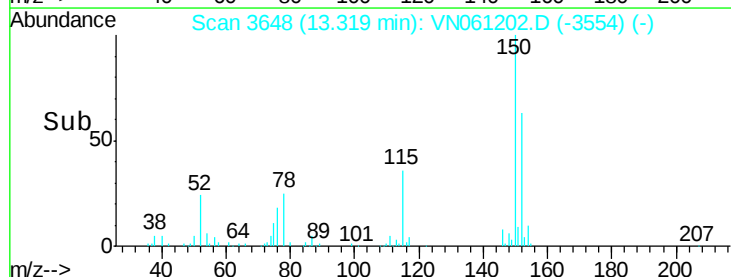
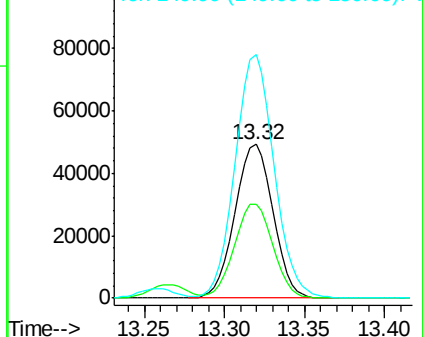
152 100

115 61.7 31.0 93.0

150 162.8 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: 19.160 ug/l

RT: 12.22 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN061202.D

Acq: 30 Apr 2020 15:32

Instrument :

MSVOA_N

ClientSampleId :

VN0430WBSD01

Tot Ion: 105 Resp: 112384

Ion Ratio Lower Upper

105 100

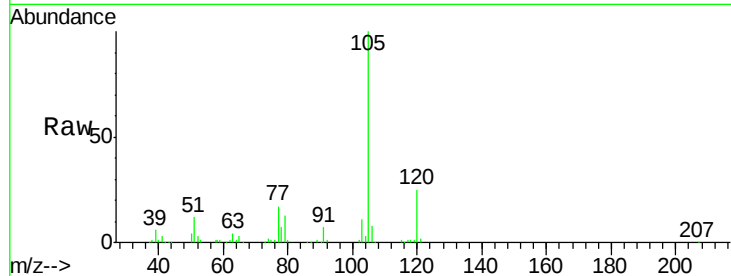
120 25.0 12.6 37.8

Manual Integrations

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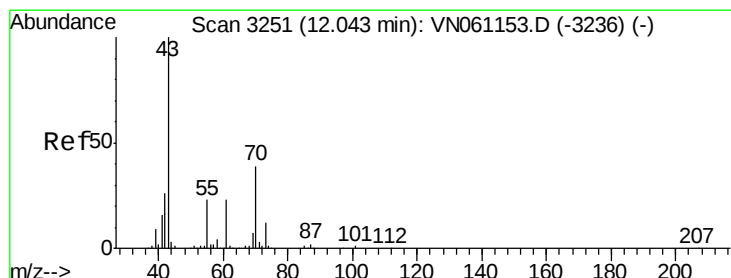
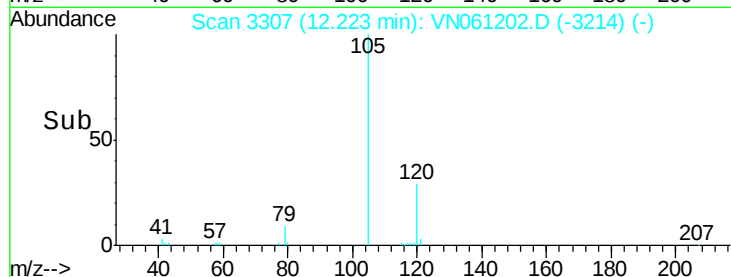
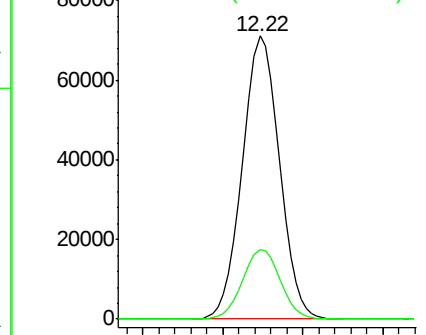
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.058 ug/l

RT: 12.05 min Scan# 3252

Delta R.T. 0.00 min

Lab File: VN061202.D

Acq: 30 Apr 2020 15:32

Tgt Ion: 43 Resp: 56608

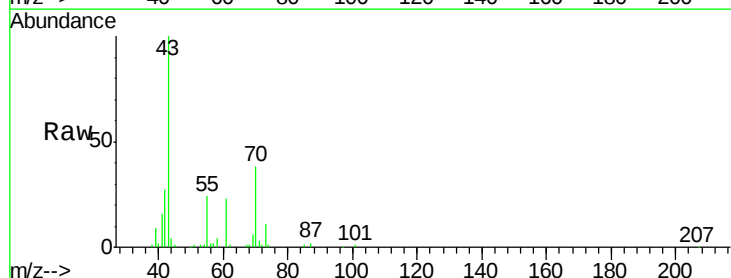
Ion Ratio Lower Upper

43 100

70 37.8 30.6 46.0

55 24.5 18.5 27.7

61 22.2 17.9 26.9

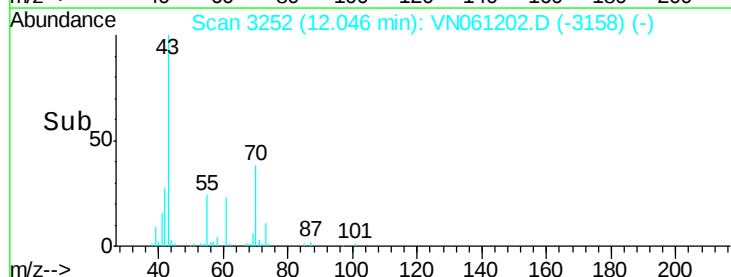
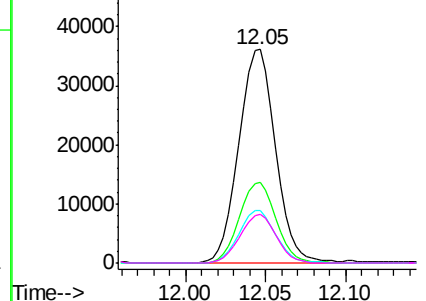


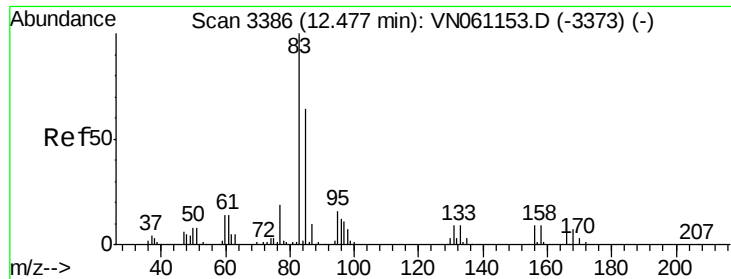
Abundance Ion 43.00 (42.70 to 43.70): V

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





#75

1,1,2,2-Tetrachloroethane

Concen: 20.427 ug/l

RT: 12.48 min Scan# 3386

Delta R.T. 0.00 min

Lab File: VN061202.D

Acq: 30 Apr 2020 15:32

Instrument :

MSVOA_N

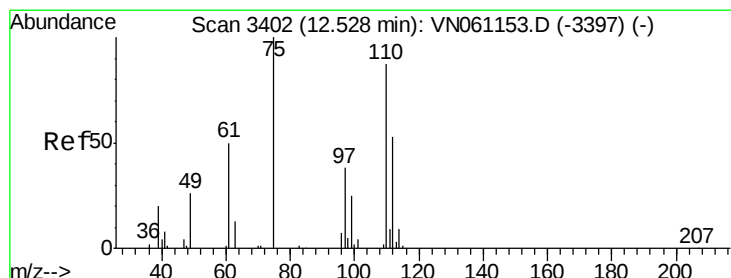
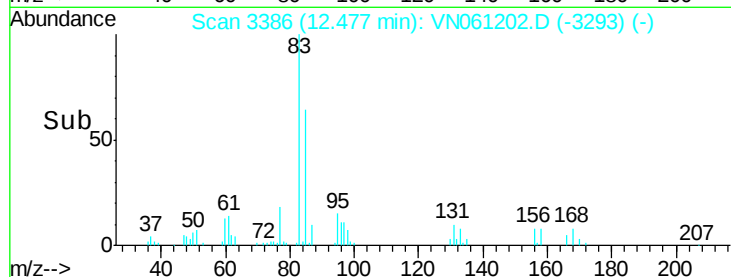
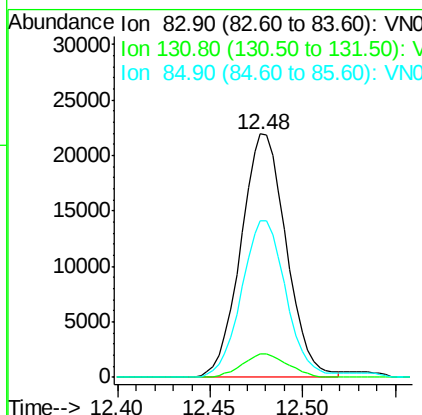
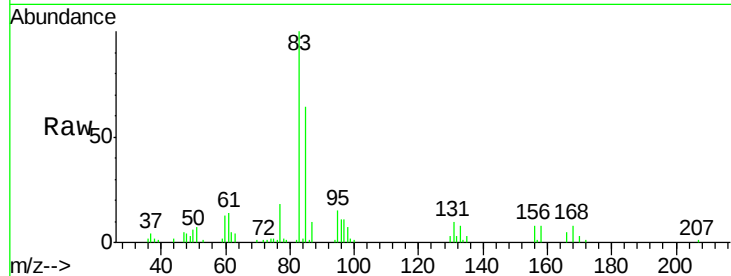
ClientSampleId :

VN0430WBSD01

Tot Ion:	83	Resp:	37361
Ion Ratio	Lower	Upper	
83	100		
131	9.6	4.8	14.3
85	63.4	32.0	96.0

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#76

1,2,3-Trichloropropane

Concen: 20.284 ug/l m

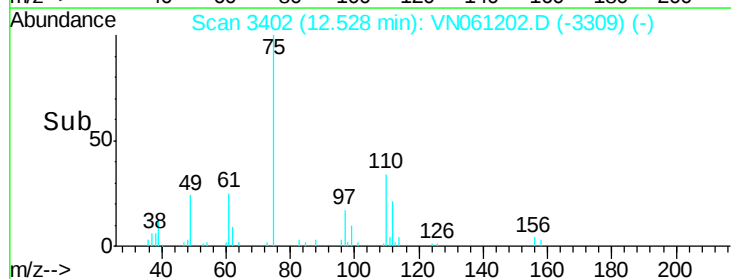
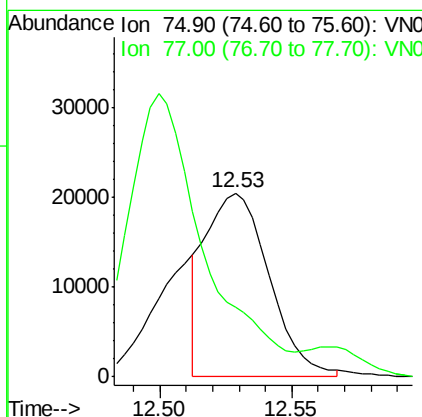
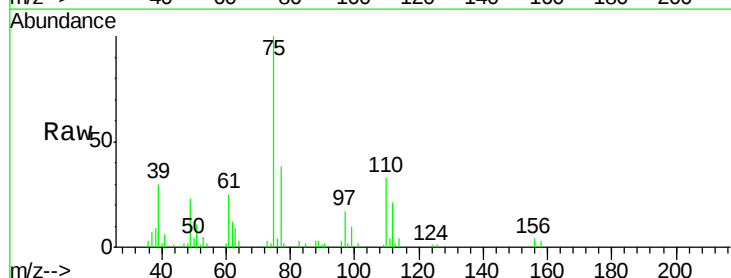
RT: 12.53 min Scan# 3402

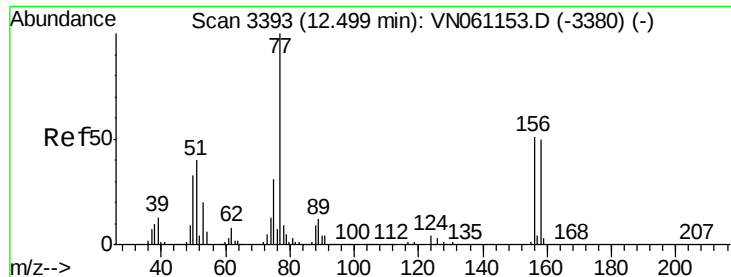
Delta R.T. 0.00 min

Lab File: VN061202.D

Acq: 30 Apr 2020 15:32

Tgt Ion:	75	Resp:	34121
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.253 ug/l

RT: 12.50 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN061202.D

Acq: 30 Apr 2020 15:32

Instrument :

MSVOA_N

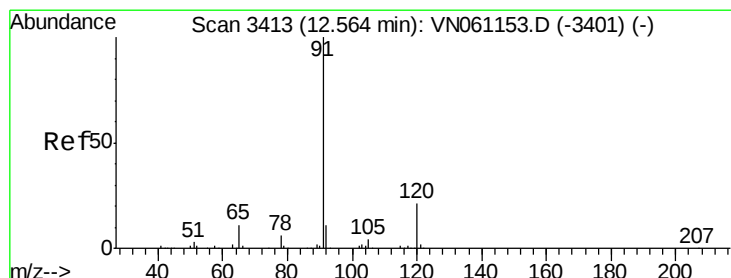
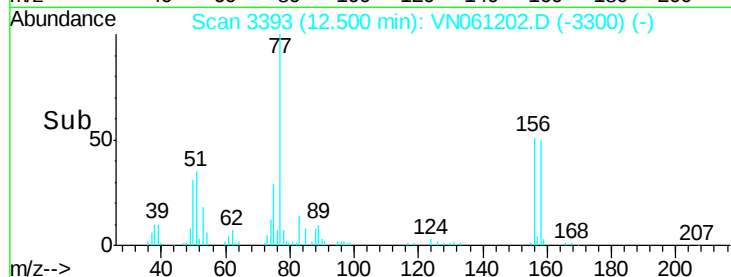
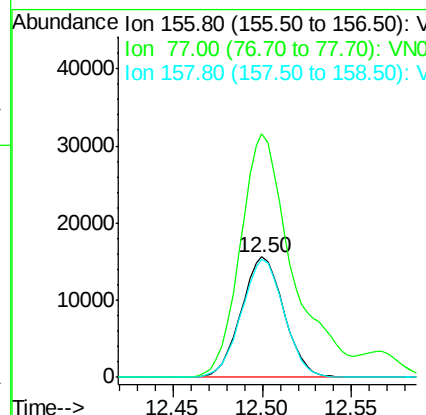
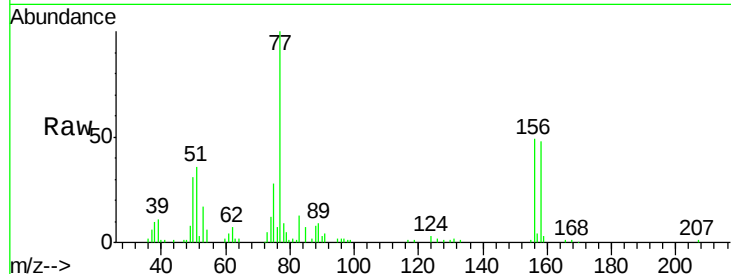
ClientSampled :

VN0430WBSD01

Tot Ion	Ratio	Lower	Upper
156	100		
77	246.6	117.4	352.2
158	97.3	48.4	145.0

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#78

n-propylbenzene

Concen: 19.320 ug/l

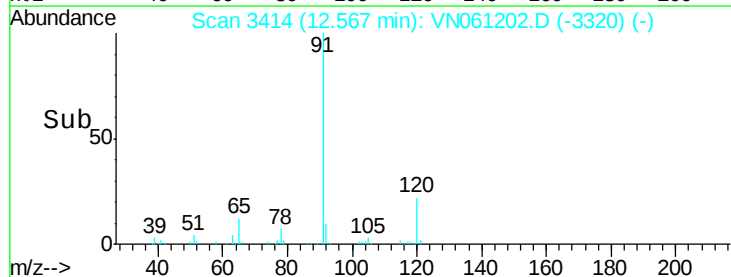
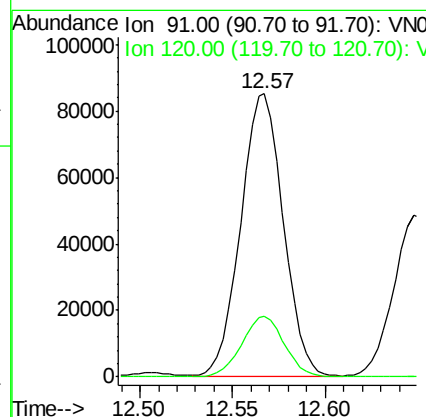
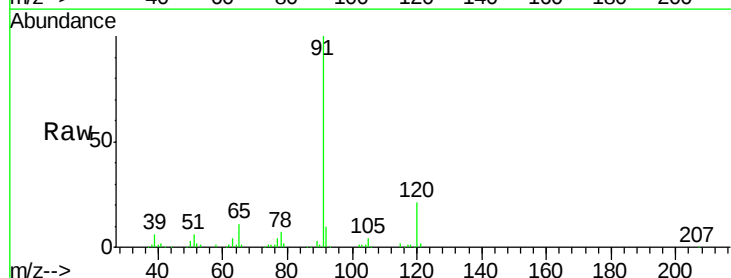
RT: 12.57 min Scan# 3414

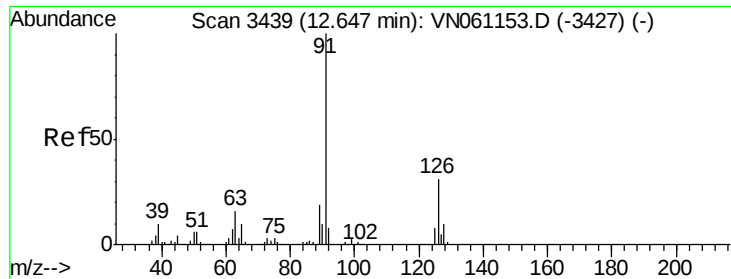
Delta R.T. 0.00 min

Lab File: VN061202.D

Acq: 30 Apr 2020 15:32

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.5	10.8	32.3





#79

2-Chlorotoluene

Concen: 19.749 ug/l

RT: 12.65 min Scan# 3439

Delta R.T. 0.00 min

Lab File: VN061202.D

Acq: 30 Apr 2020 15:32

Instrument :

MSVOA_N

ClientSampled :

VN0430WBSD01

Tot Ion: 91 Resp: 80760

Ion Ratio Lower Upper

91 100

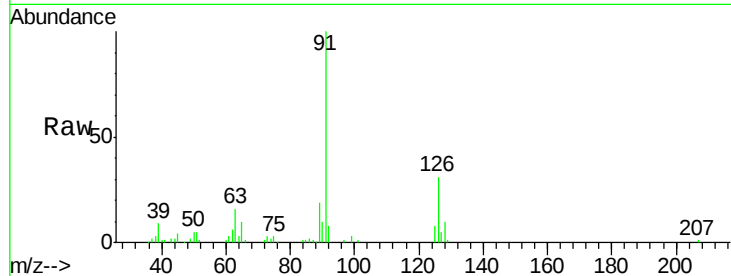
126 31.1 15.9 47.7

Manual Integrations

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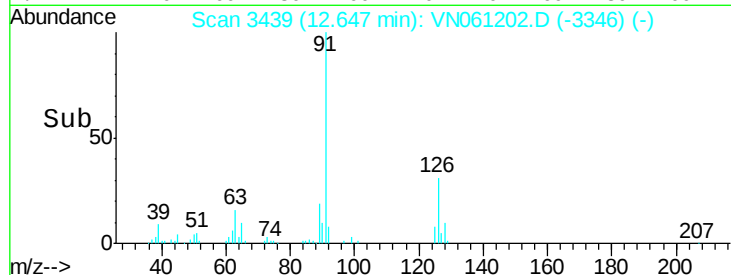


Abundance Ion 91.00 (90.70 to 91.70): VN061153.D (-3427) (-)

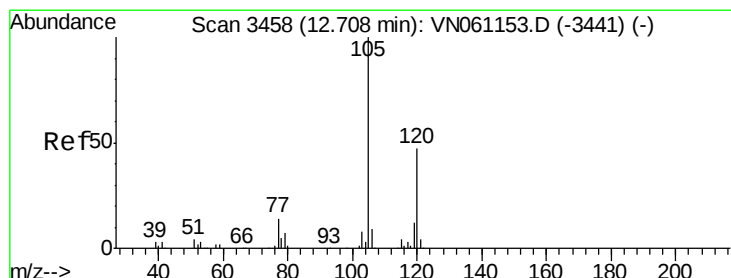
Ion 125.90 (125.60 to 126.60): VN061153.D (-3427) (-)



12.65



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 19.402 ug/l

RT: 12.71 min Scan# 3458

Delta R.T. 0.00 min

Lab File: VN061202.D

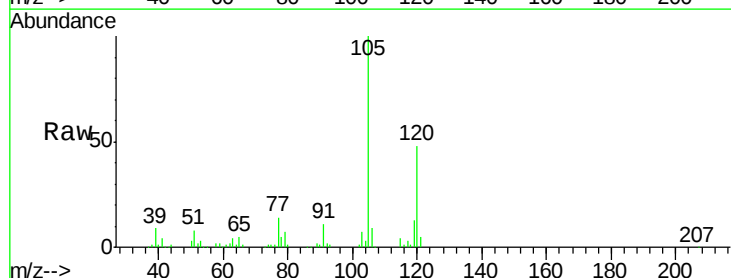
Acq: 30 Apr 2020 15:32

Tgt Ion: 105 Resp: 94194

Ion Ratio Lower Upper

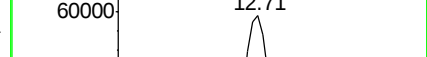
105 100

120 47.9 23.9 71.7

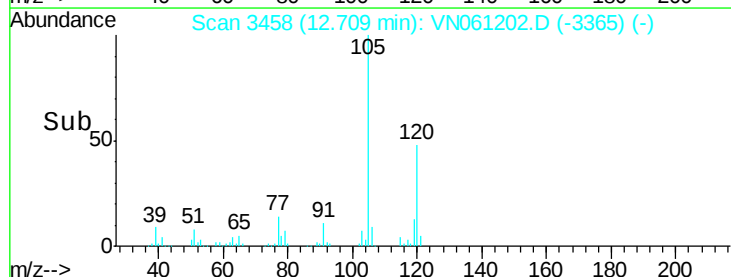


Abundance Ion 105.00 (104.70 to 105.70): VN061153.D (-3441) (-)

Ion 120.00 (119.70 to 120.70): VN061153.D (-3441) (-)



12.71



Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 18.951 ug/l

RT: 12.27 min Scan# 3323

Delta R.T. 0.00 min

Lab File: VN061202.D

Acq: 30 Apr 2020 15:32

Instrument :

MSVOA_N

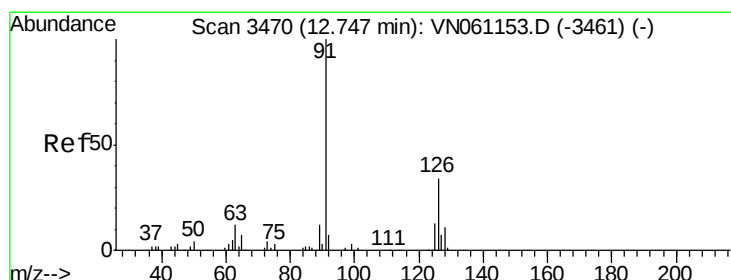
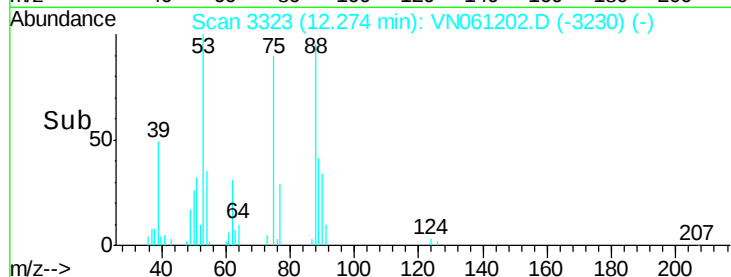
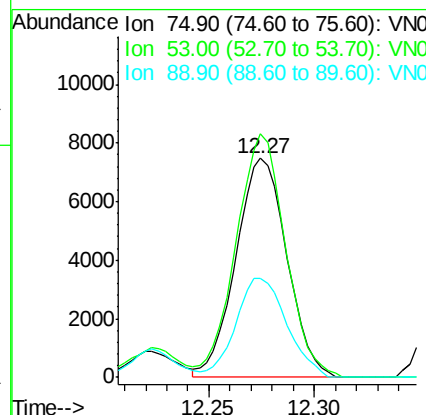
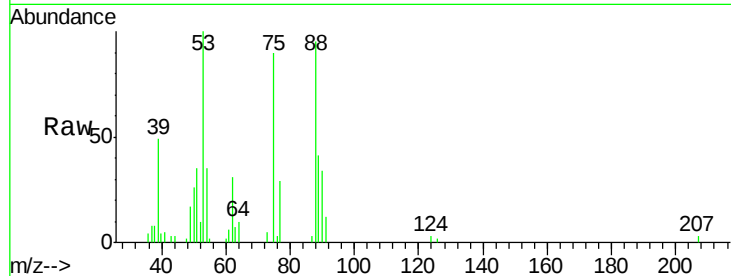
ClientSampled :

VN0430WBSD01

Tot Ion:	75	Resp:	12553
Ion	Ratio	Lower	Upper
75	100		
53	108.2	84.1	126.1
89	45.1	35.2	52.8

Manual Integrations
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#82

4-Chlorotoluene

Concen: 19.717 ug/l

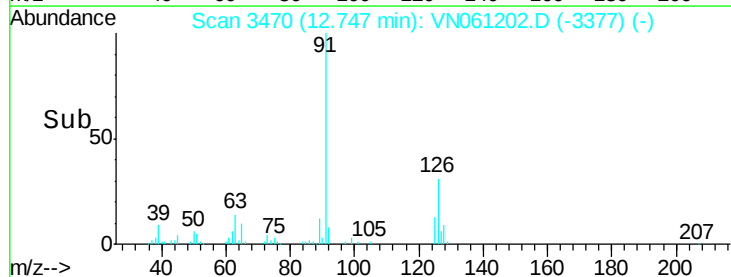
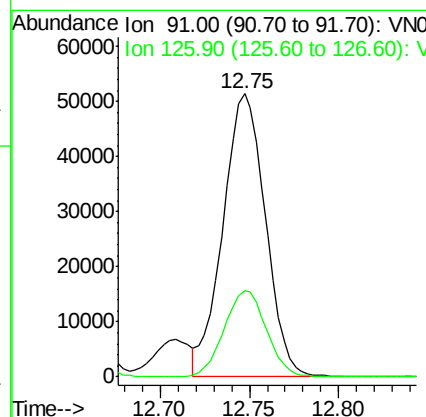
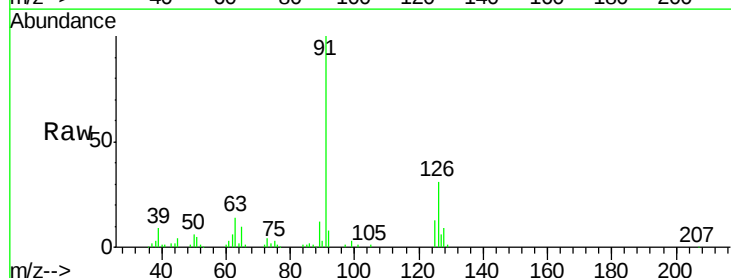
RT: 12.75 min Scan# 3470

Delta R.T. 0.00 min

Lab File: VN061202.D

Acq: 30 Apr 2020 15:32

Tgt Ion:	91	Resp:	84981
Ion	Ratio	Lower	Upper
91	100		
126	30.4	15.7	47.1





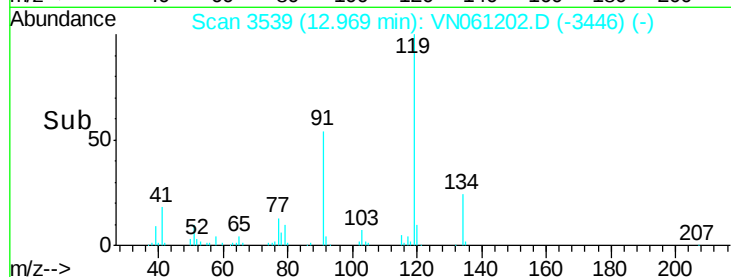
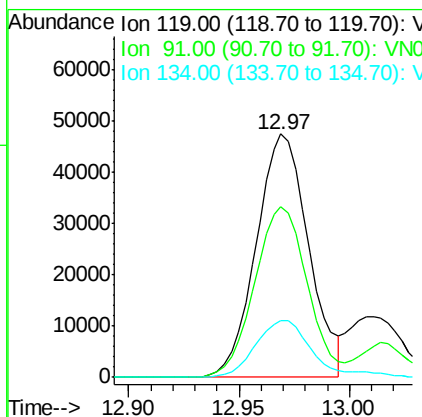
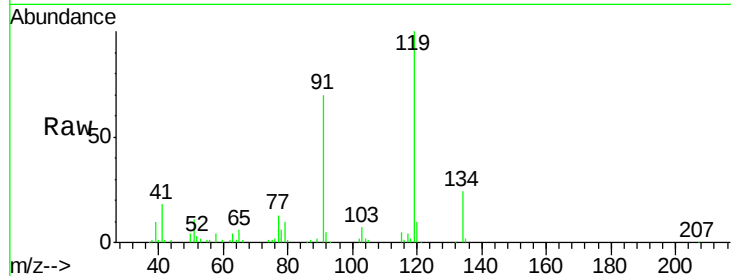
#83
tert-Butylbenzene
Concen: 19.060 ug/l
RT: 12.97 min Scan# 3539
Delta R.T. 0.00 min
Lab File: VN061202.D
Acq: 30 Apr 2020 15:32

Instrument :
MSVOA_N
ClientSampleId :
VN0430WBSD01

Tot Ion	Ratio	Lower	Upper
119	100		
91	70.5	34.8	104.4
134	25.5	12.9	38.7

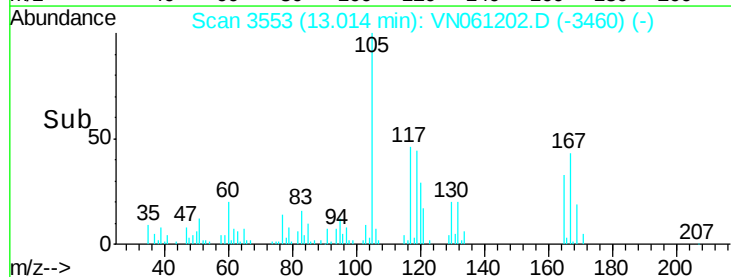
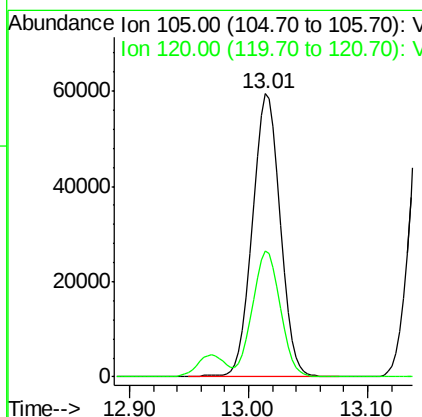
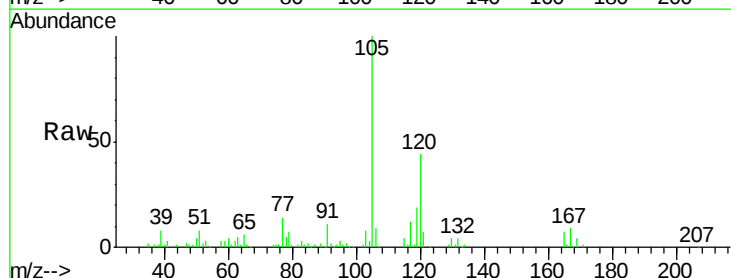
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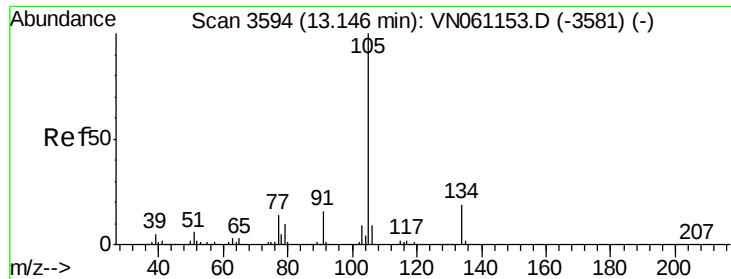
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#84
1,2,4-Trimethylbenzene
Concen: 19.275 ug/l
RT: 13.01 min Scan# 3553
Delta R.T. 0.00 min
Lab File: VN061202.D
Acq: 30 Apr 2020 15:32

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.2	22.2	66.6





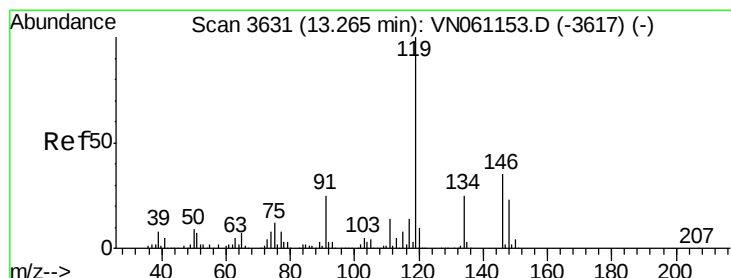
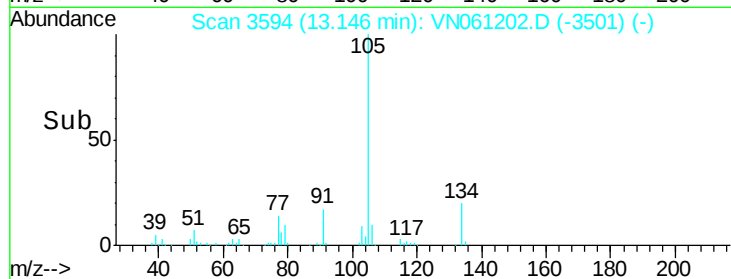
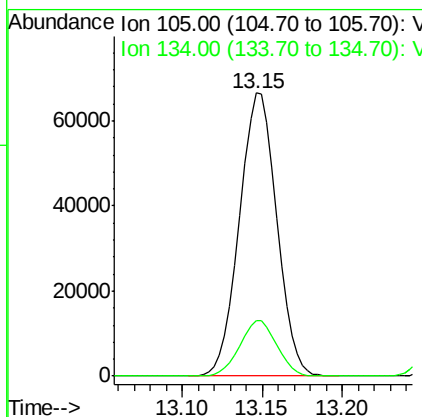
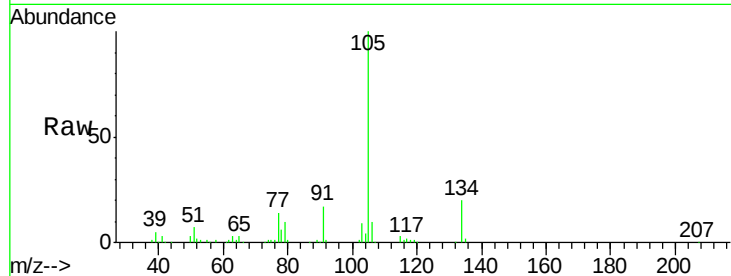
#85
 sec-Butylbenzene
 Concen: 18.995 ug/l
 RT: 13.15 min Scan# 3594
 Delta R.T. 0.00 min
 Lab File: VN061202.D
 Acq: 30 Apr 2020 15:32

Instrument :
 MSVOA_N
 ClientSampled :
 VN0430WBSD01

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.3	9.6	28.8

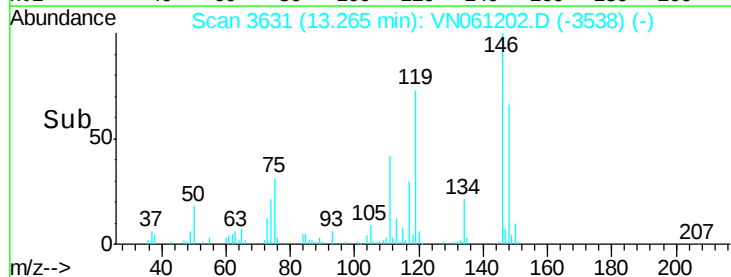
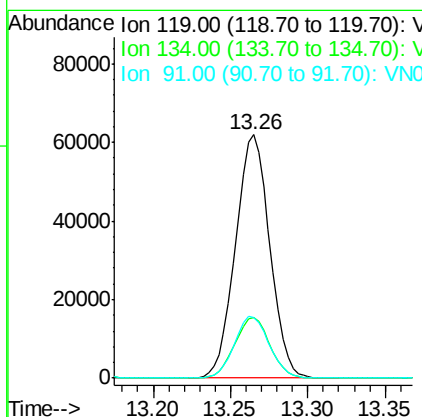
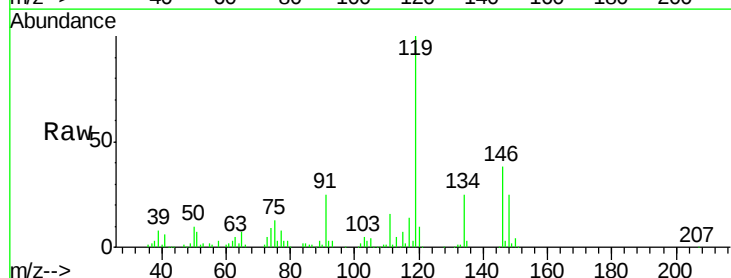
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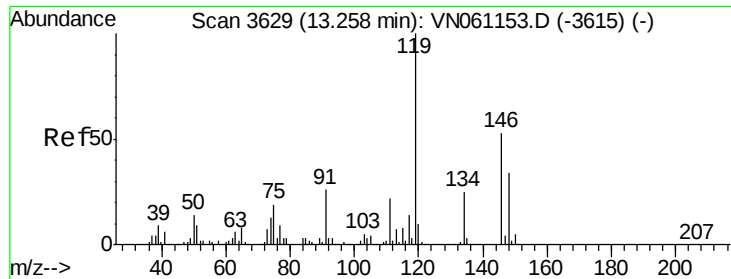
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 5/1/2020 10:54:25 AM



#86
 p-Isopropyltoluene
 Concen: 18.936 ug/l
 RT: 13.26 min Scan# 3631
 Delta R.T. 0.00 min
 Lab File: VN061202.D
 Acq: 30 Apr 2020 15:32

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.5	12.6	37.6
91	25.8	12.7	38.0





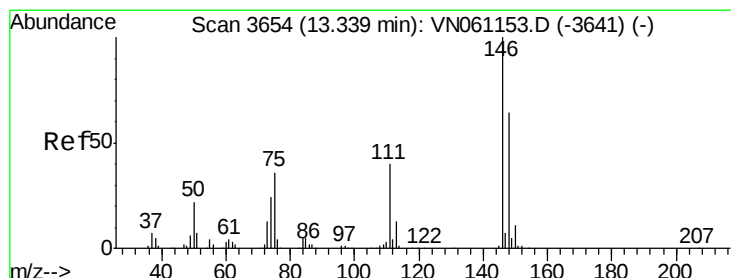
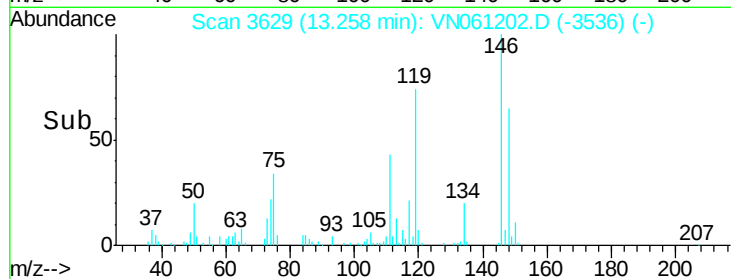
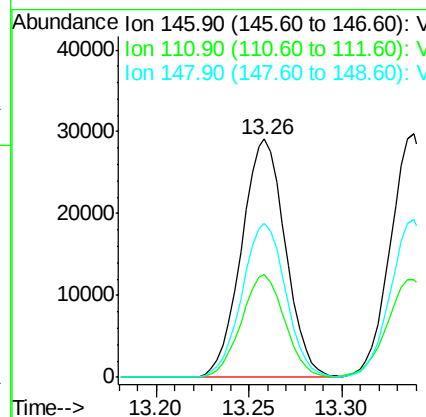
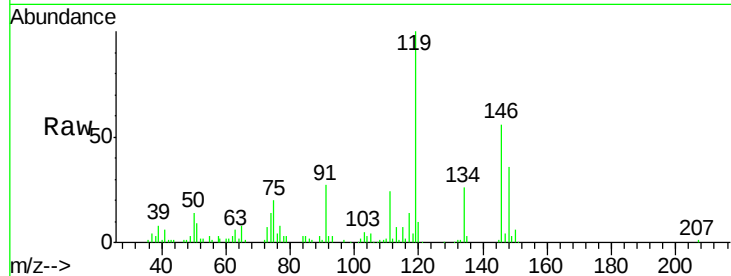
#87
 1,3-Dichlorobenzene
 Concen: 19.245 ug/l
 RT: 13.26 min Scan# 3629
 Delta R.T. 0.00 min
 Lab File: VN061202.D
 Acq: 30 Apr 2020 15:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0430WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.6	20.7	62.1
148	64.4	31.8	95.3

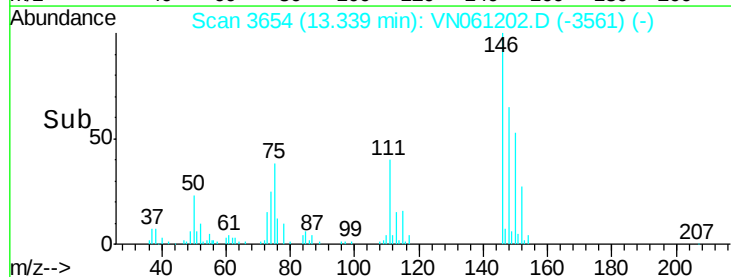
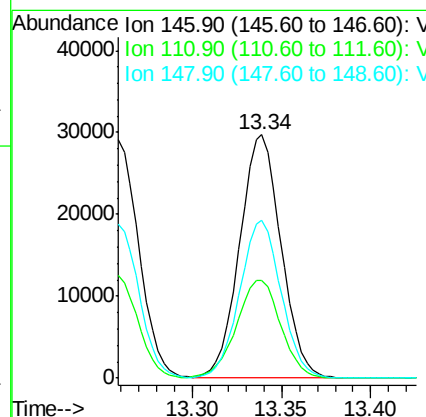
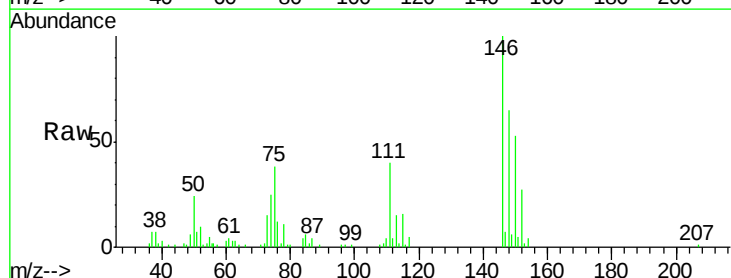
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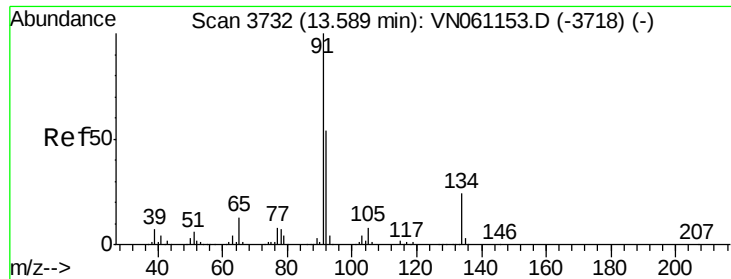
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#88
 1,4-Dichlorobenzene
 Concen: 18.952 ug/l
 RT: 13.34 min Scan# 3654
 Delta R.T. 0.00 min
 Lab File: VN061202.D
 Acq: 30 Apr 2020 15:32

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.0	20.4	61.3
148	64.9	31.9	95.7





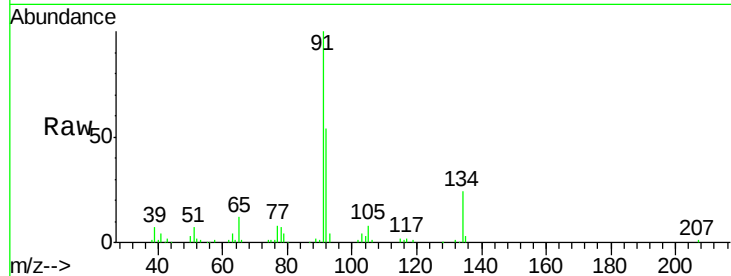
#89
n-Butylbenzene
Concen: 18.919 ug/l
RT: 13.59 min Scan# 3732
Delta R.T. 0.00 min
Lab File: VN061202.D
Acq: 30 Apr 2020 15:32

Instrument :
MSVOA_N
ClientSampled :
VN0430WBSD01

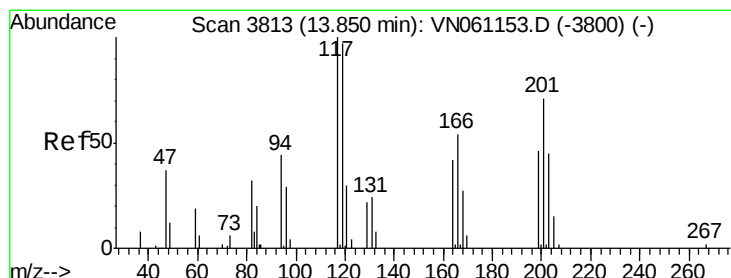
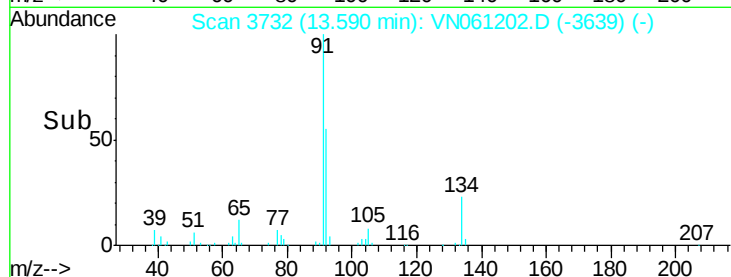
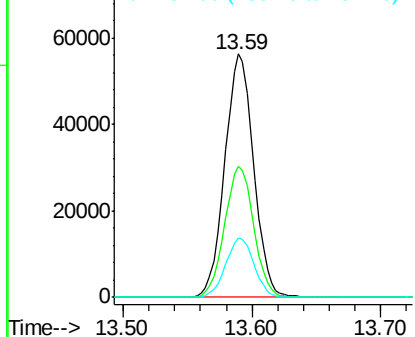
Tot Ion	Ratio	Lower	Upper
91	100		
92	54.1	26.8	80.3
134	23.9	11.9	35.5

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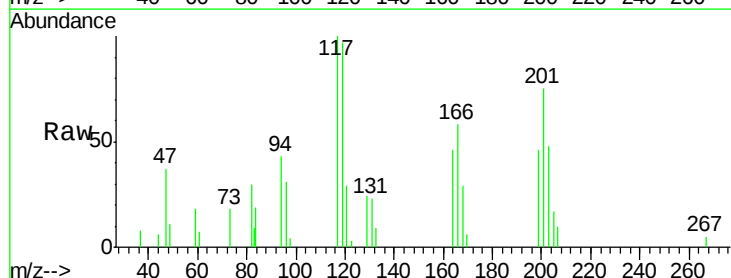


Abundance Ion 91.00 (90.70 to 91.70): VN061153.D (-3718) (-)
Ion 92.00 (91.70 to 92.70): VN061153.D (-3718) (-)
Ion 134.00 (133.70 to 134.70): VN061153.D (-3718) (-)

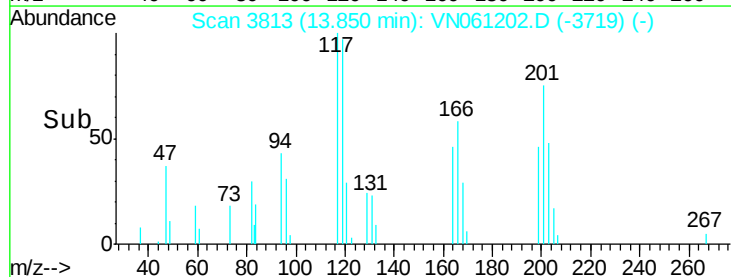
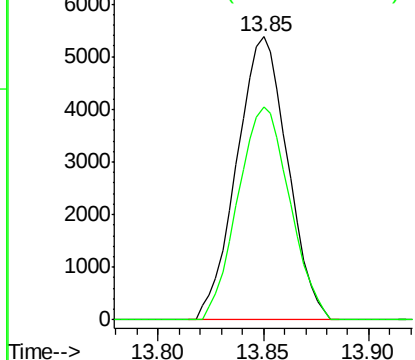


#90
Hexachloroethane
Concen: 22.181 ug/l
RT: 13.85 min Scan# 3813
Delta R.T. 0.00 min
Lab File: VN061202.D
Acq: 30 Apr 2020 15:32

Tgt Ion	Ratio	Lower	Upper
117	100		
201	76.8	35.5	106.7



Abundance Ion 116.80 (116.50 to 117.50): VN061153.D (-3800) (-)
Ion 200.70 (200.40 to 201.40): VN061153.D (-3800) (-)





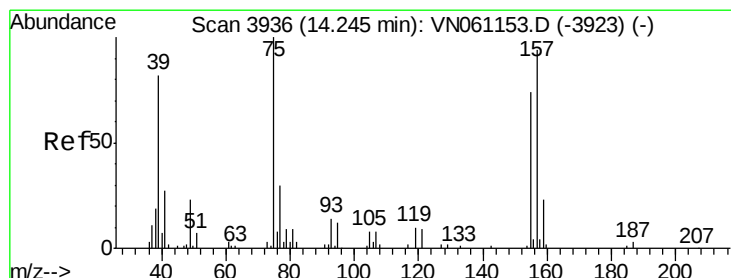
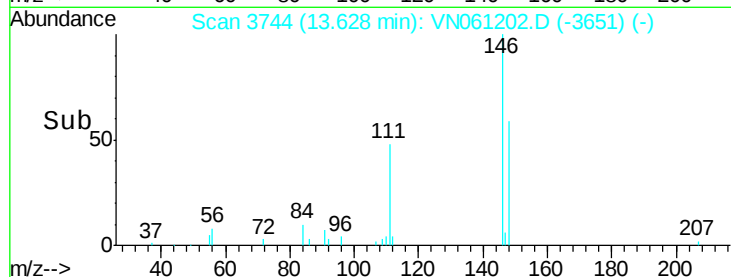
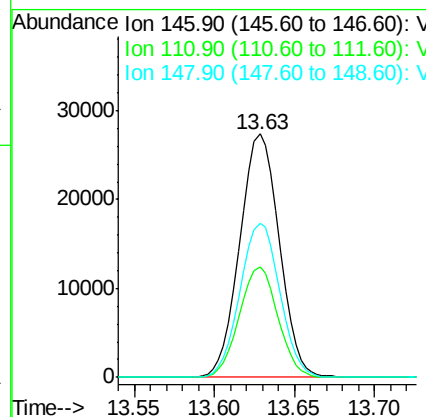
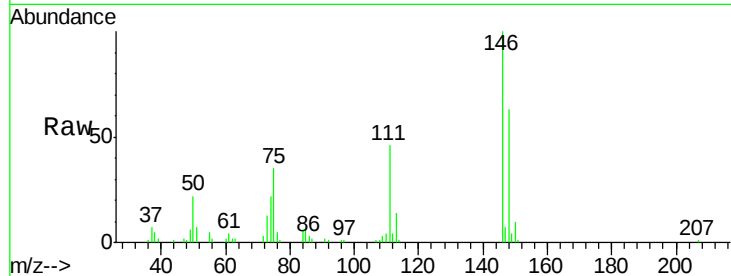
#91
 1,2-Dichlorobenzene
 Concen: 19.289 ug/l
 RT: 13.63 min Scan# 3744
 Delta R.T. 0.00 min
 Lab File: VN061202.D
 Acq: 30 Apr 2020 15:32

Instrument :
 MSVOA_N
 ClientSampled :
 VN0430WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.1	21.8	65.3
148	63.7	31.6	95.0

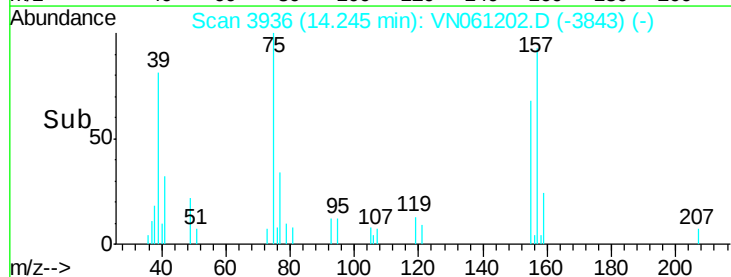
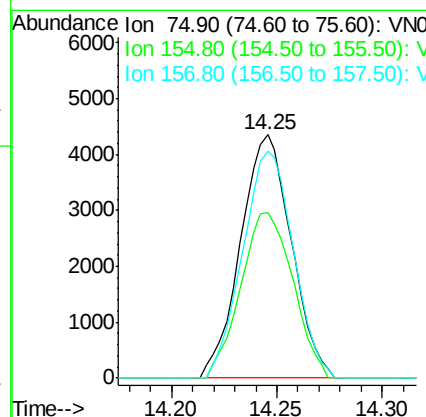
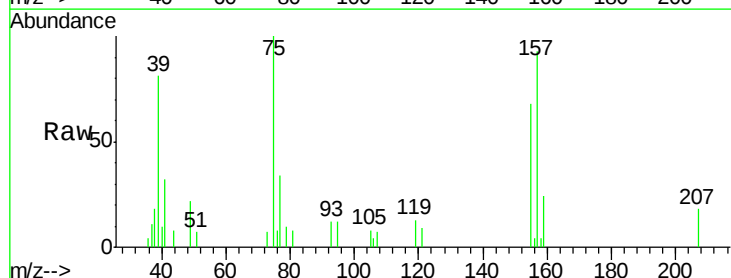
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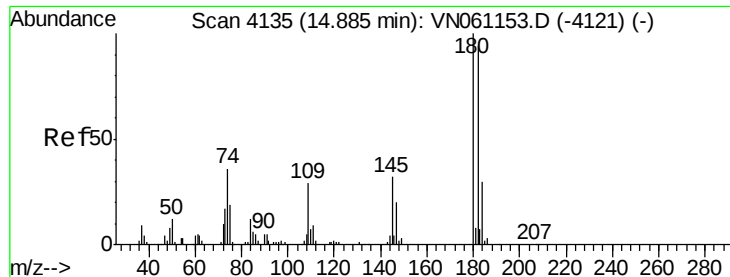
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.838 ug/l
 RT: 14.25 min Scan# 3936
 Delta R.T. 0.00 min
 Lab File: VN061202.D
 Acq: 30 Apr 2020 15:32

Tgt Ion	Ratio	Lower	Upper
75	100		
155	69.9	36.5	109.7
157	93.1	46.6	139.7





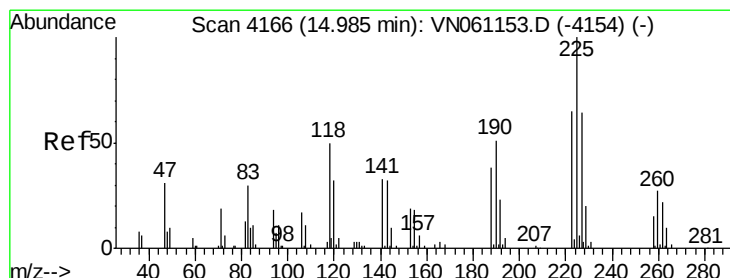
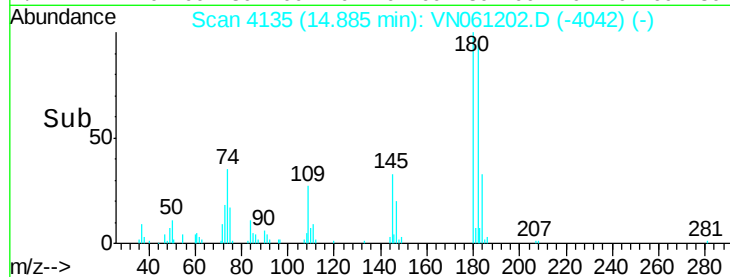
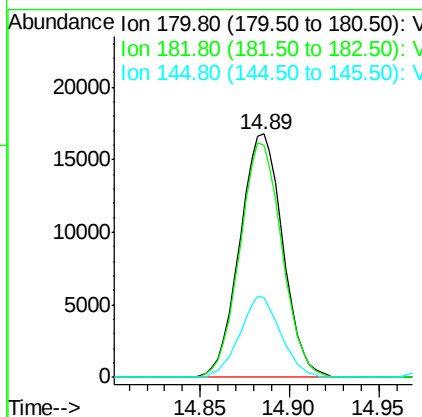
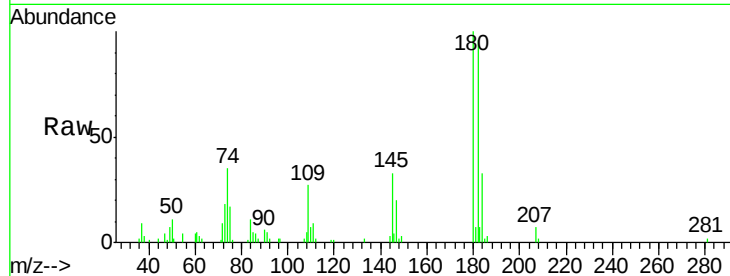
#93
 1,2,4-Trichlorobenzene
 Concen: 19.369 ug/l
 RT: 14.89 min Scan# 4135
 Delta R.T. 0.00 min
 Lab File: VN061202.D
 Acq: 30 Apr 2020 15:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0430WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	28190		
182	94.4	47.3	141.9	
145	31.4	16.0	47.9	

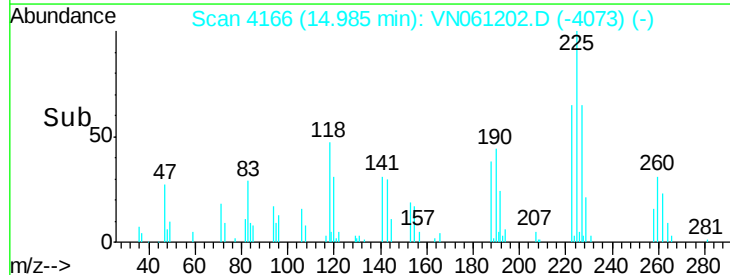
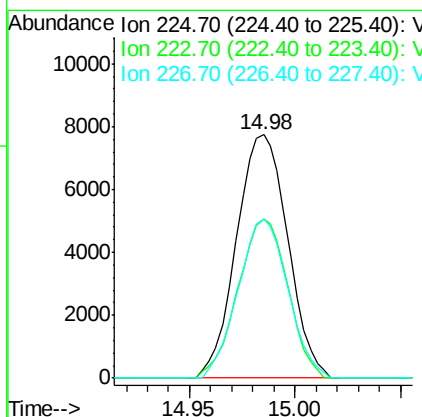
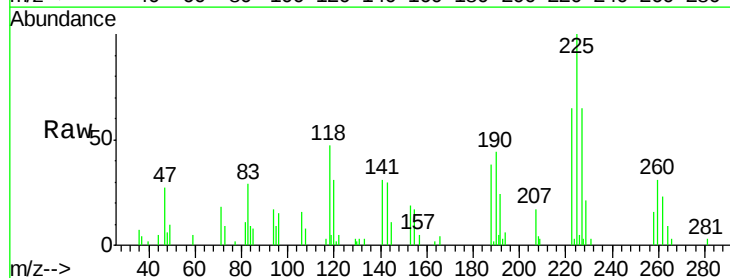
Manual Integrations
 APPROVED

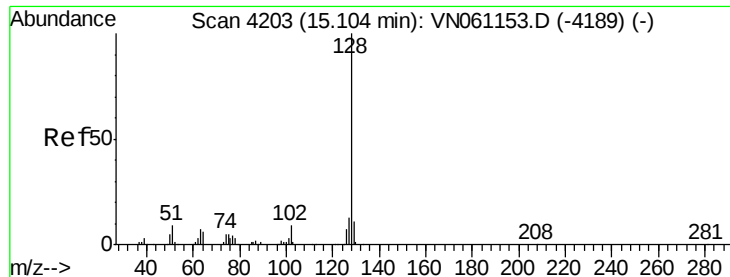
MMDadoda
 5/1/2020 10:54:25 AM



#94
 Hexachlorobutadiene
 Concen: 21.527 ug/l
 RT: 14.98 min Scan# 4166
 Delta R.T. 0.00 min
 Lab File: VN061202.D
 Acq: 30 Apr 2020 15:32

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	13089		
223	63.4	32.4	97.0	
227	63.3	32.4	97.0	





#95

Naphthalene

Concen: 18.043 ug/l

RT: 15.11 min Scan# 4204

Delta R.T. 0.00 min

Lab File: VN061202.D

Acq: 30 Apr 2020 15:32

Instrument :

MSVOA_N

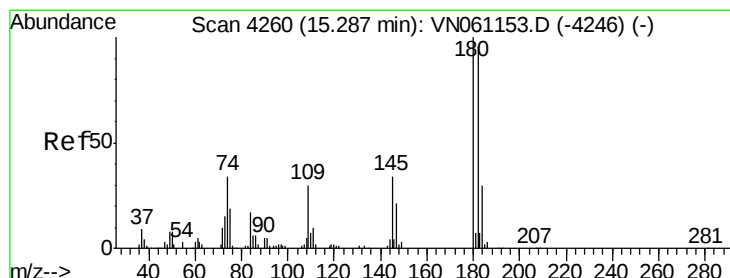
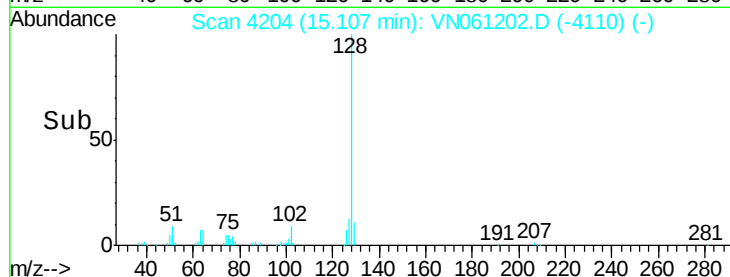
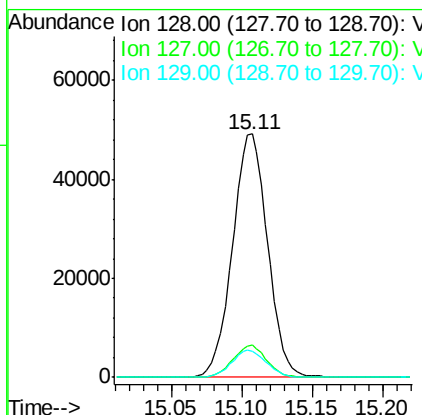
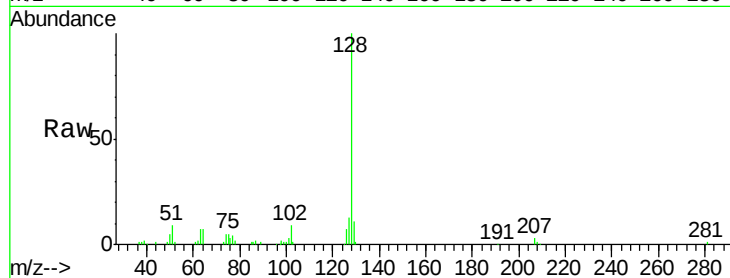
ClientSampleId :

VN0430WBSD01

Tot Ion:	128	Resp:	85525
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.4	15.6
129	11.0	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
5/1/2020 10:54:25 AM



#96

1,2,3-Trichlorobenzene

Concen: 19.531 ug/l

RT: 15.28 min Scan# 4259

Delta R.T. -0.00 min

Lab File: VN061202.D

Acq: 30 Apr 2020 15:32

Tgt Ion:	180	Resp:	28065
Ion Ratio	Lower	Upper	
180	100		
182	93.9	47.5	142.5
145	32.6	16.9	50.7

