

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN043020\
 Data File : VN061201.D
 Acq On : 30 Apr 2020 14:58
 Operator : JC/MD
 Sample : VN0430WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0430WBS01

Manual Integrations
 APPROVED

MMDadoda
 5/1/2020 10:54:21 AM

Quant Time: May 01 03:40:19 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	115850	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	192395	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	178789	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	85196	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	86920	47.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.84%	
35) Dibromofluoromethane	7.54	113	58052	51.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.06%	
50) Toluene-d8	10.06	98	242649	52.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.64%	
62) 4-Bromofluorobenzene	12.38	95	88124	50.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	23693	19.286	ug/l	100
3) Chloromethane	2.03	50	32548	21.876	ug/l	98
4) Vinyl Chloride	2.16	62	30188	17.864	ug/l	96
5) Bromomethane	2.54	94	12423	14.872	ug/l	99
6) Chloroethane	2.67	64	17173	16.033	ug/l	100
7) Trichlorofluoromethane	2.98	101	38144	20.006	ug/l	98
8) Diethyl Ether	3.37	74	16711	21.013	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	3.71	101	24464	19.917	ug/l	99
10) Methyl Iodide	3.91	142	29208	18.503	ug/l	98
11) Tert butyl alcohol	4.73	59	24426	99.471	ug/l	99
12) 1,1-Dichloroethene	3.69	96	22973	18.795	ug/l	98
13) Acrolein	3.56	56	11464	70.056	ug/l	100
14) Allyl chloride	4.27	41	52290	23.072	ug/l	91
15) Acrylonitrile	4.92	53	76207	101.097	ug/l	98
16) Acetone	3.77	43	66613	90.434	ug/l	96
17) Carbon Disulfide	4.01	76	62723	18.577	ug/l	99
18) Methyl Acetate	4.27	43	42157	18.650	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	84712	18.137	ug/l	97
20) Methylene Chloride	4.50	84	27574	19.291	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	25801	19.385	ug/l	95
22) Diisopropyl ether	5.90	45	105394	20.054	ug/l	98
23) Vinyl Acetate	5.84	43	410339	96.968	ug/l	99
24) 1,1-Dichloroethane	5.79	63	53151	19.356	ug/l	99
25) 2-Butanone	6.78	43	101806	93.856	ug/l	100
26) 2,2-Dichloropropane	6.77	77	44334	19.168	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	28857	18.475	ug/l	97
28) Bromochloromethane	7.14	49	28124	21.609	ug/l	93
29) Tetrahydrofuran	7.16	42	71020	97.197	ug/l	96
30) Chloroform	7.32	83	49756	17.880	ug/l	100
31) Cyclohexane	7.61	56	50328	18.873	ug/l	95
32) 1,1,1-Trichloroethane	7.53	97	41967	17.319	ug/l	99
36) 1,1-Dichloropropene	7.75	75	37544	19.494	ug/l	100
37) Ethyl Acetate	6.88	43	44375	19.653	ug/l	99
38) Carbon Tetrachloride	7.73	117	30175	18.673	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	41260	19.103	ug/l	97
40) Benzene	8.00	78	113882	19.847	ug/l	99
41) Methacrylonitrile	7.12	41	21611	23.053	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	41542	19.111	ug/l	100
43) Isopropyl Acetate	8.12	43	70995	18.946	ug/l #	92
44) Trichloroethene	8.80	130	28175	18.164	ug/l	97
45) 1,2-Dichloropropane	9.08	63	31377	20.469	ug/l	99
46) Dibromomethane	9.17	93	18212	19.188	ug/l	97
47) Bromodichloromethane	9.37	83	38500	18.898	ug/l	100
48) Methyl methacrylate	9.17	41	31935	18.886	ug/l	98
49) 1,4-Dioxane	9.17	88	8621	449.148	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	215071	97.509	ug/l	100
52) Toluene	10.12	92	67065	19.405	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	43855	19.104	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	47747	19.674	ug/l	95
55) 1,1,2-Trichloroethane	10.53	97	25901	18.789	ug/l	99
56) Ethyl methacrylate	10.40	69	40104	18.511	ug/l	97
57) 1,3-Dichloropropane	10.68	76	47705	19.687	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	117157	104.993	ug/l	98
59) 2-Hexanone	10.72	43	153189	95.465	ug/l	100
60) Dibromochloromethane	10.87	129	26501	18.355	ug/l	99
61) 1,2-Dibromoethane	10.98	107	25516	18.467	ug/l	100
64) Tetrachloroethene	10.60	164	28288	18.268	ug/l	97
65) Chlorobenzene	11.41	112	67768	19.108	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	24666	19.432	ug/l	98
67) Ethyl Benzene	11.48	91	126982	19.126	ug/l	100
68) m/p-Xylenes	11.60	106	91941	37.834	ug/l	96
69) o-Xylene	11.92	106	43551	18.657	ug/l	97
70) Styrene	11.94	104	73189	18.733	ug/l	99
71) Bromoform	12.10	173	17594	18.859	ug/l #	99
73) Isopropylbenzene	12.22	105	119834	19.133	ug/l	99
74) N-amyl acetate	12.04	43	58642	18.490	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	38163	19.541	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	35099m	19.541	ug/l	
77) Bromobenzene	12.50	156	27825	19.245	ug/l	97
78) n-propylbenzene	12.57	91	144500	19.451	ug/l	100
79) 2-Chlorotoluene	12.65	91	85587	19.601	ug/l	97
80) 1,3,5-Trimethylbenzene	12.71	105	100895	19.464	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	13433	18.992	ug/l	98
82) 4-Chlorotoluene	12.75	91	90587	19.684	ug/l	98
83) tert-Butylbenzene	12.97	119	82199	18.806	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	100793	18.873	ug/l	100
85) sec-Butylbenzene	13.15	105	113024	18.966	ug/l	99
86) p-Isopropyltoluene	13.26	119	100881	18.789	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	51256	19.257	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	49906	18.351	ug/l	97
89) n-Butylbenzene	13.59	91	93449	18.985	ug/l	98
90) Hexachloroethane	13.85	117	9986	22.737	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	48391	18.961	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	7666	18.586	ug/l	95

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Quant Title : SW846 8260
QLast Update : Wed Apr 29 08:14:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	29104	18.727	ug/l	99
94) Hexachlorobutadiene	14.99	225	13678	21.068	ug/l	100
95) Naphthalene	15.10	128	85933	16.979	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	28708	18.710	ug/l	99

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

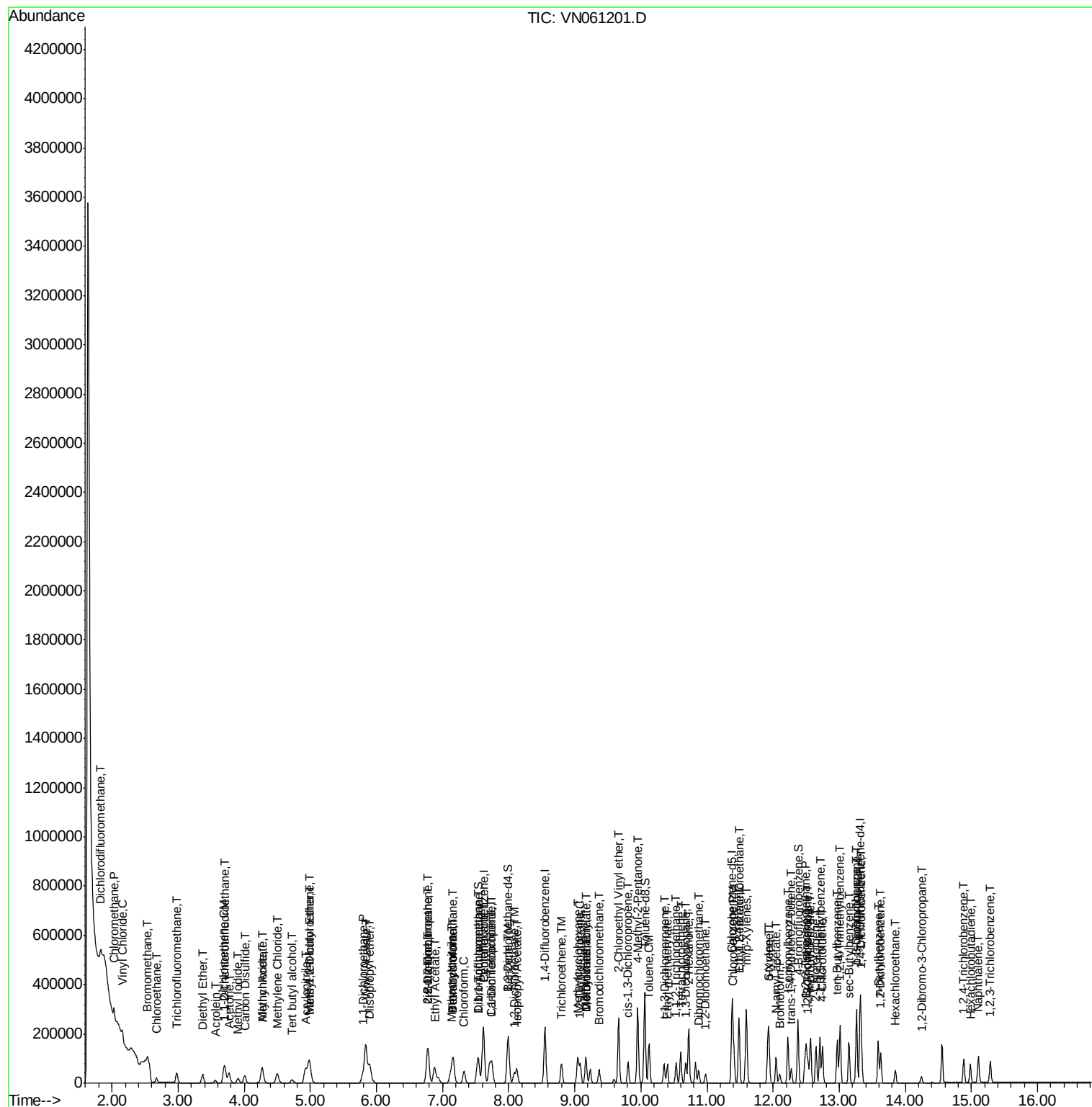
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN043020\
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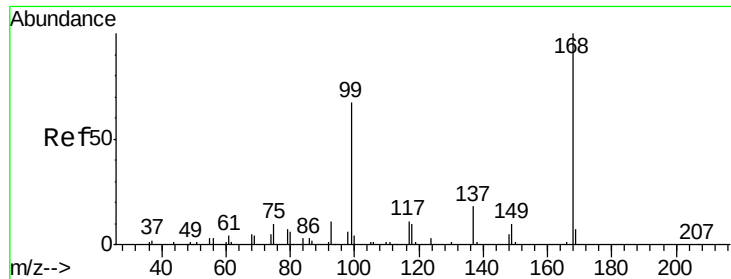
Instrument :
MSVOA_N
ClientSampleId :
VN0430WBS01

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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: VN061201.D

Acq: 30 Apr 2020 14:58

Instrument :

MSVOA_N

ClientSampled :

VN0430WBS01

Tot Ion: 168 Resp: 115850

Ion Ratio Lower Upper

168 100

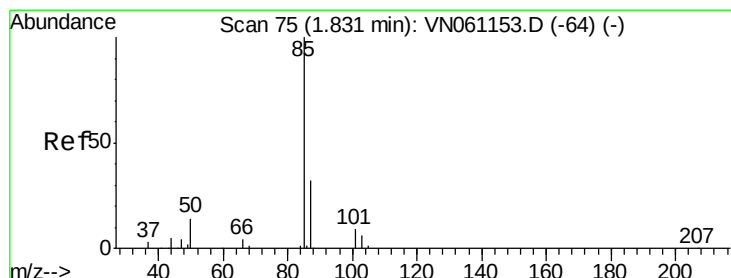
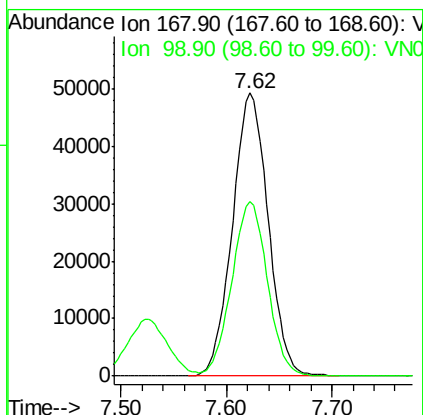
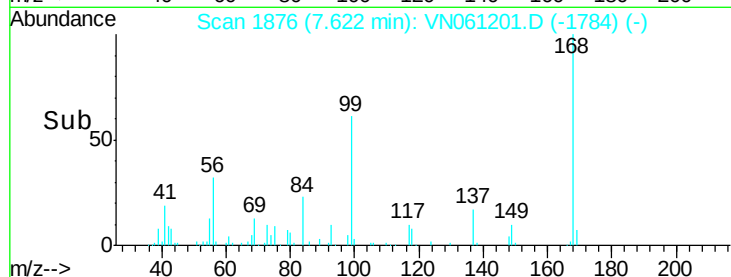
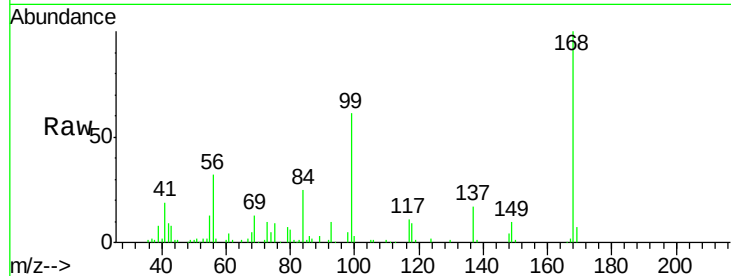
99 61.5 51.2 76.8

Manual Integrations

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5/1/2020 10:54:21 AM



#2

Dichlorodifluoromethane

Concen: 19.286 ug/l

RT: 1.83 min Scan# 75

Delta R.T. 0.00 min

Lab File: VN061201.D

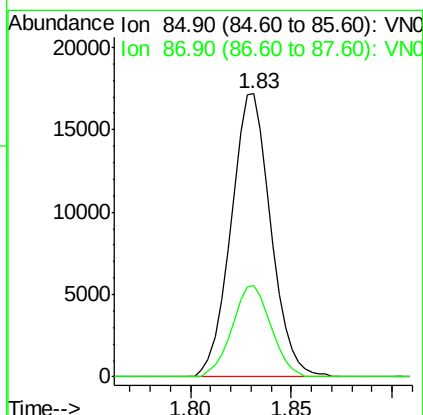
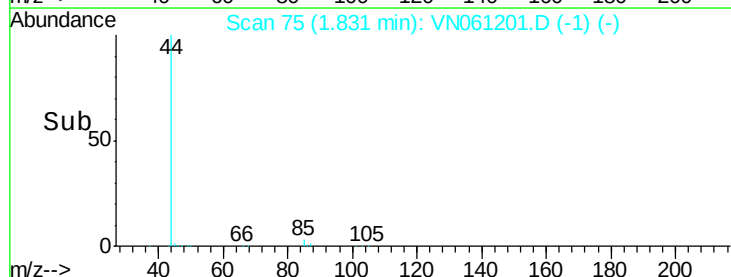
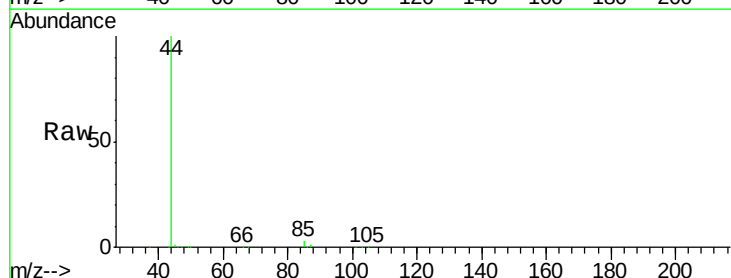
Acq: 30 Apr 2020 14:58

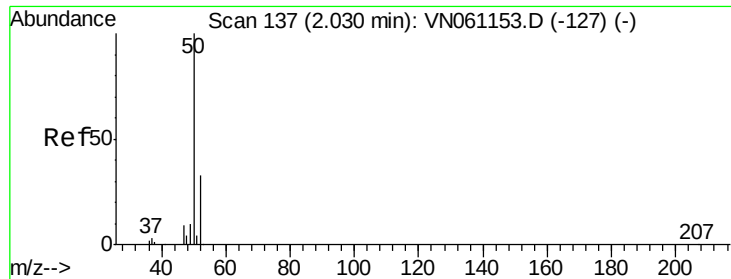
Tgt Ion: 85 Resp: 23693

Ion Ratio Lower Upper

85 100

87 32.2 16.1 48.2





#3

Chloromethane

Concen: 21.876 ug/l

RT: 2.03 min Scan# 137

Delta R.T. 0.00 min

Lab File: VN061201.D

Acq: 30 Apr 2020 14:58

Instrument :

MSVOA_N

ClientSampled :

VN0430WBS01

Tot Ion: 50 Resp: 32548

Ion Ratio Lower Upper

50 100

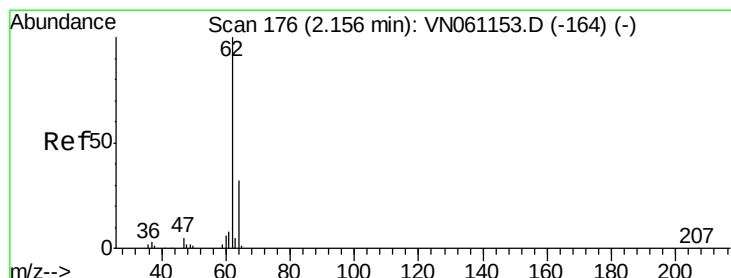
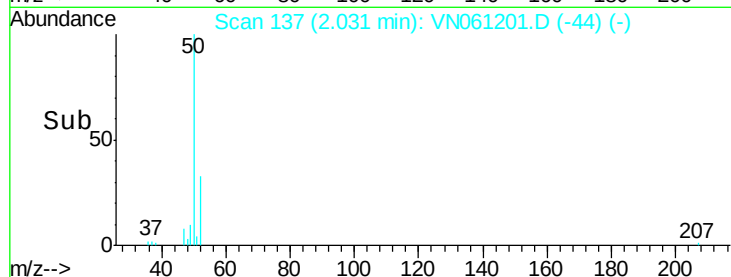
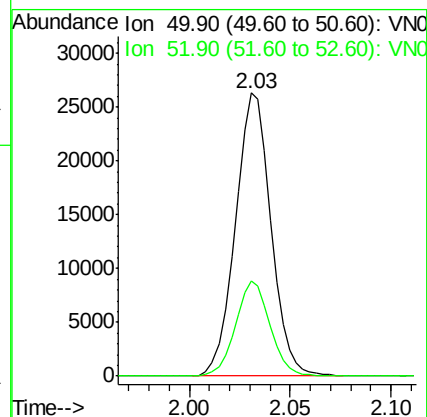
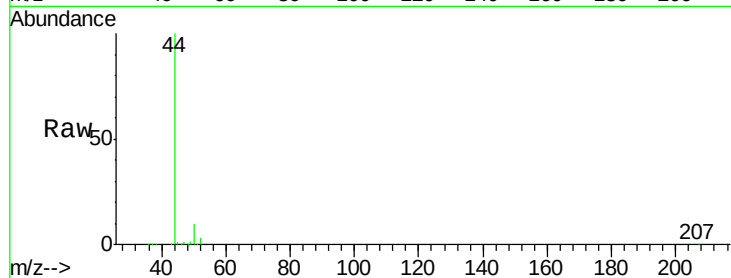
52 33.4 26.0 39.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 17.864 ug/l

RT: 2.16 min Scan# 176

Delta R.T. 0.00 min

Lab File: VN061201.D

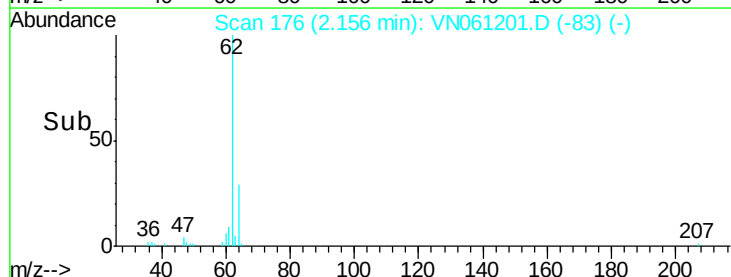
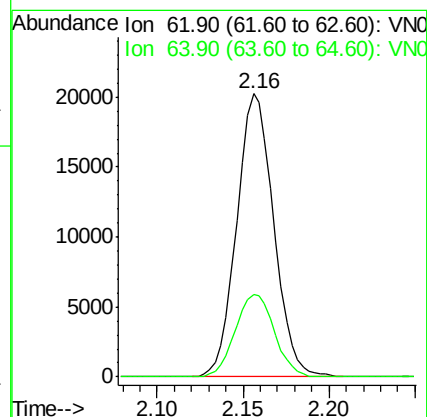
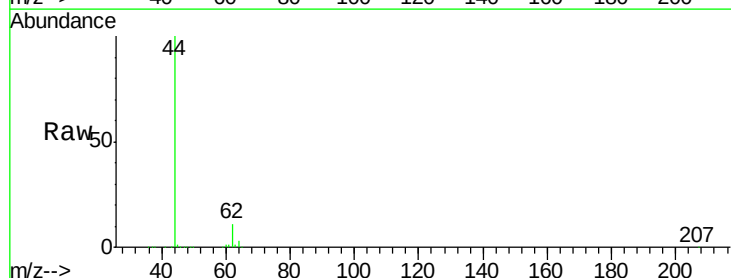
Acq: 30 Apr 2020 14:58

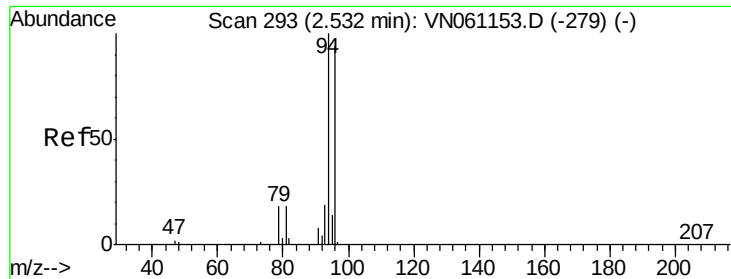
Tgt Ion: 62 Resp: 30188

Ion Ratio Lower Upper

62 100

64 29.1 25.2 37.8





#5

Bromomethane

Concen: 14.872 ug/l

RT: 2.54 min Scan# 294

Delta R.T. 0.00 min

Lab File: VN061201.D

Acq: 30 Apr 2020 14:58

Instrument :

MSVOA_N

ClientSampled :

VN0430WBS01

Tot Ion: 94 Resp: 12423

Ion Ratio Lower Upper

94 100

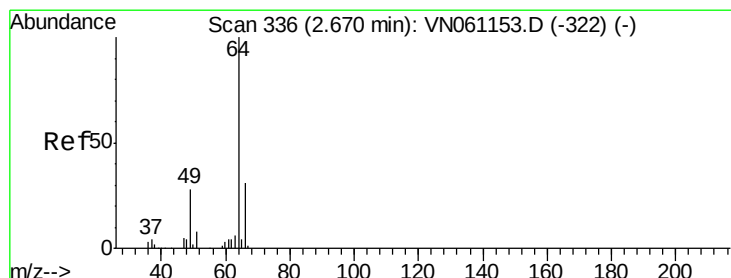
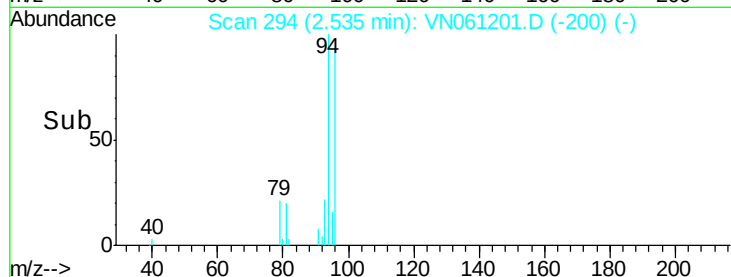
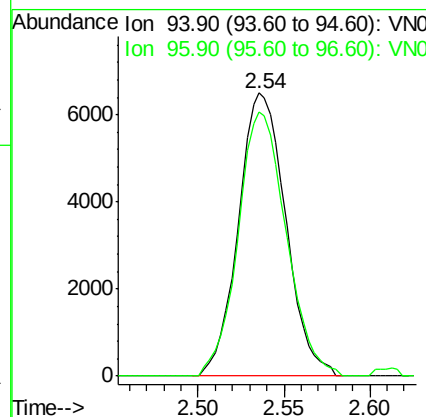
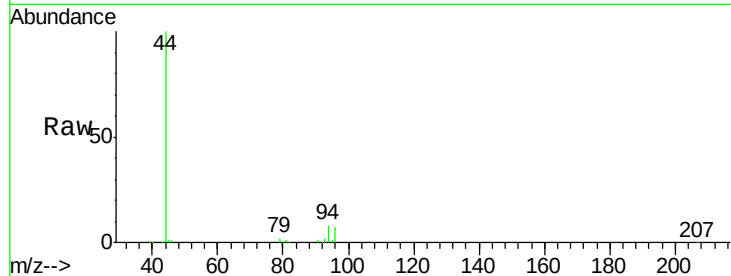
96 93.2 75.1 112.7

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#6

Chloroethane

Concen: 16.033 ug/l

RT: 2.67 min Scan# 336

Delta R.T. 0.00 min

Lab File: VN061201.D

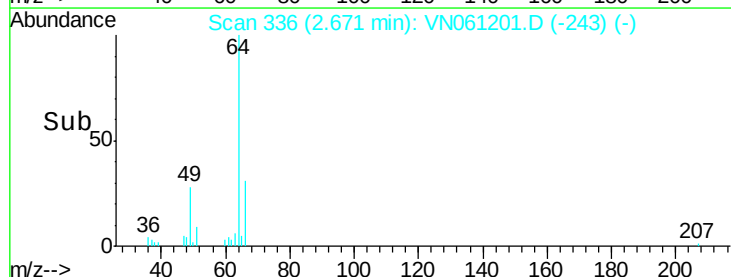
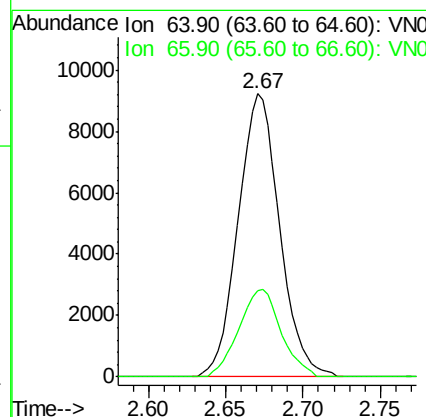
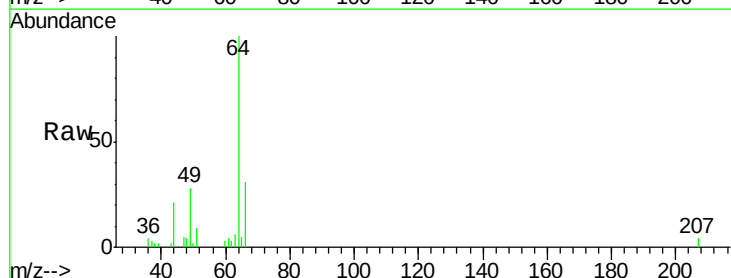
Acq: 30 Apr 2020 14:58

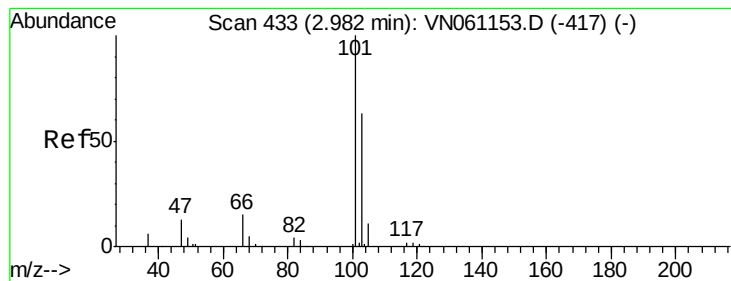
Tgt Ion: 64 Resp: 17173

Ion Ratio Lower Upper

64 100

66 30.7 24.6 36.8





#7

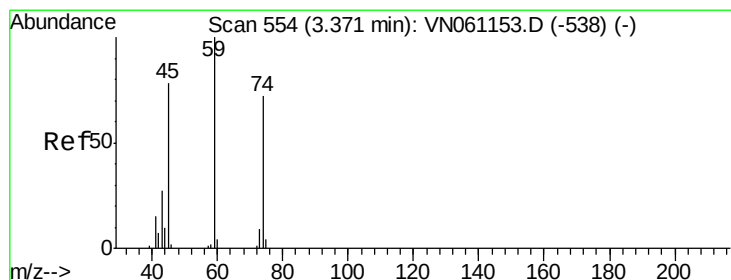
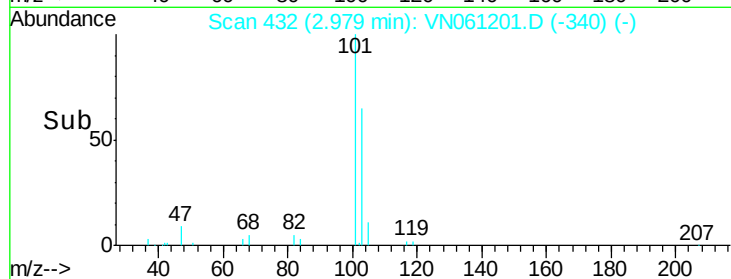
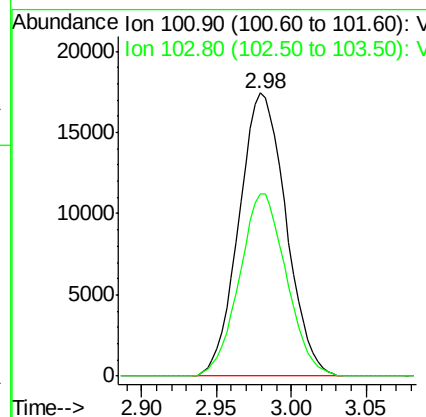
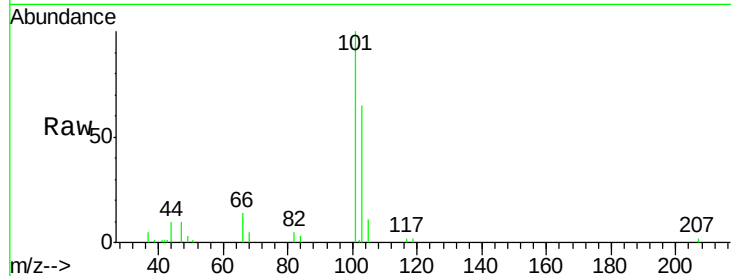
Trichlorofluoromethane
Concen: 20.006 ug/l
RT: 2.98 min Scan# 432
Delta R.T. -0.00 min
Lab File: VN061201.D
Acq: 30 Apr 2020 14:58

Instrument :
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ClientSampled :
VN0430WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.6	50.6	76.0

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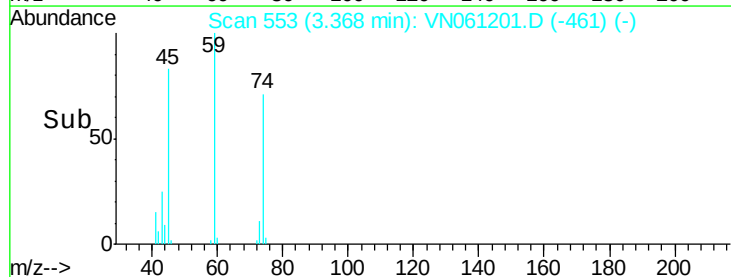
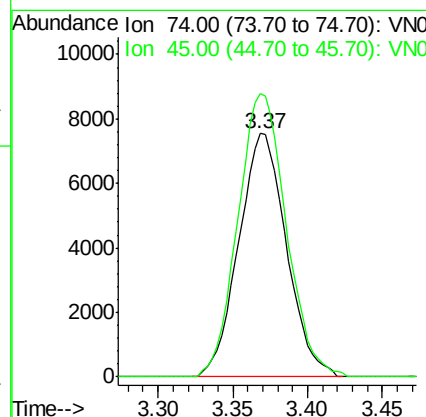
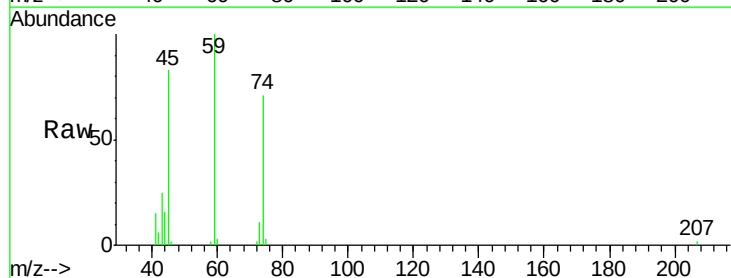
MMDadoda
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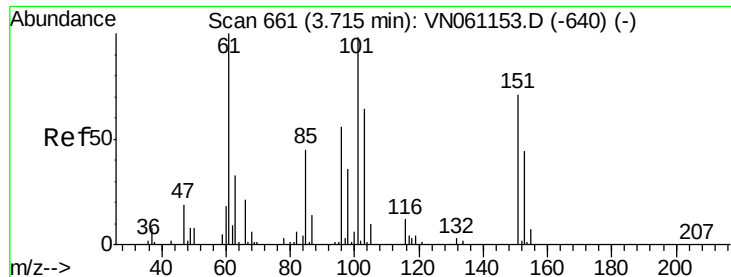


#8

Diethyl Ether
Concen: 21.013 ug/l
RT: 3.37 min Scan# 553
Delta R.T. -0.00 min
Lab File: VN061201.D
Acq: 30 Apr 2020 14:58

Tgt Ion	Ratio	Lower	Upper
74	100		
45	118.1	53.3	160.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.917 ug/l

RT: 3.71 min Scan# 660

Delta R.T. -0.00 min

Lab File: VN061201.D

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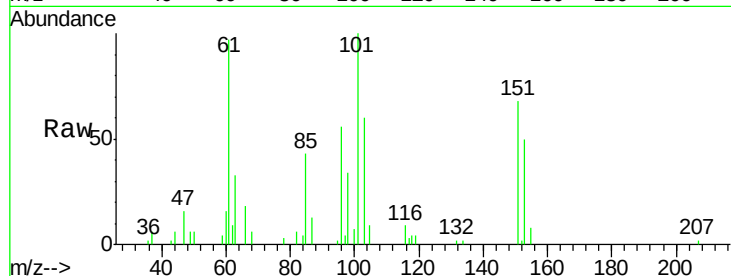
ClientSampled :

VN0430WBS01

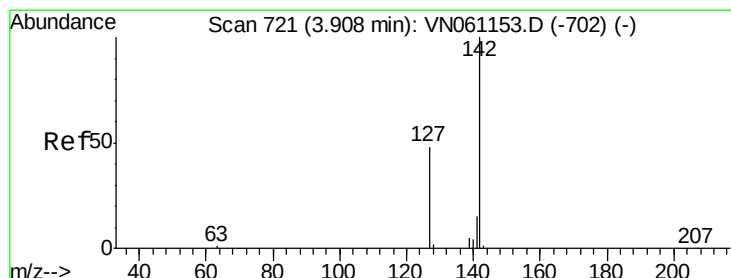
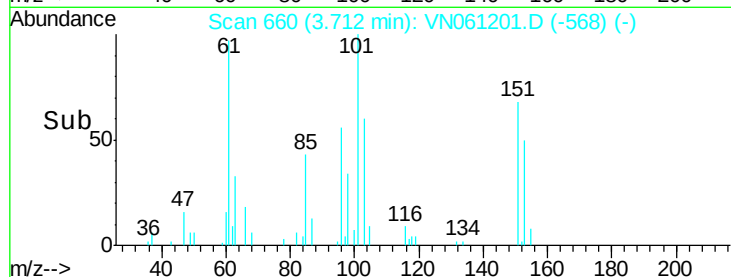
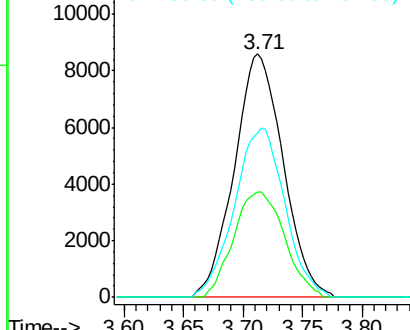
Tot Ion:	101	Resp:	24464
Ion Ratio	Lower	Upper	
101	100		
85	45.1	37.2	55.8
151	71.6	57.7	86.5

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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.503 ug/l

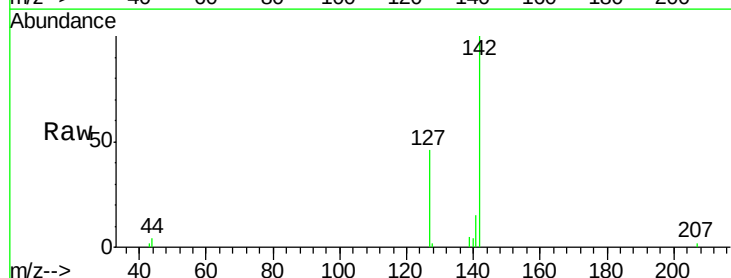
RT: 3.91 min Scan# 720

Delta R.T. -0.00 min

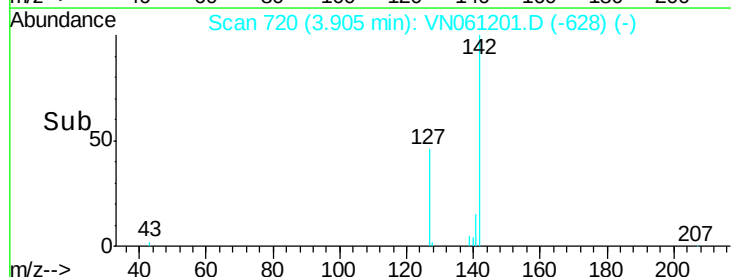
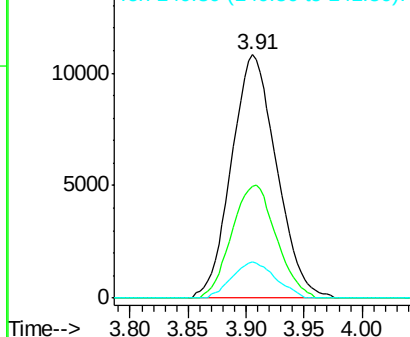
Lab File: VN061201.D

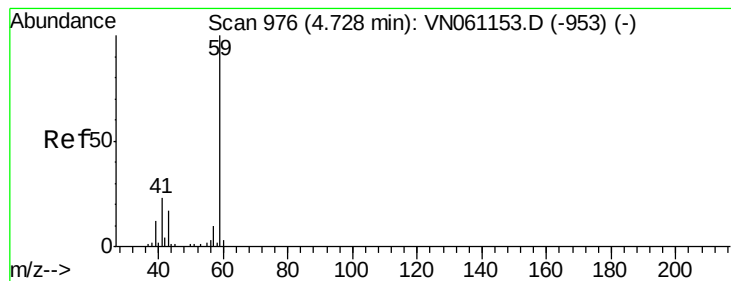
Acq: 30 Apr 2020 14:58

Tgt Ion:	142	Resp:	29208
Ion Ratio	Lower	Upper	
142	100		
127	45.9	38.0	57.0
141	14.3	11.7	17.5



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

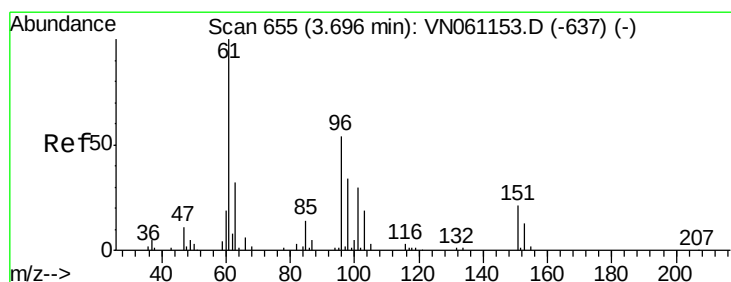
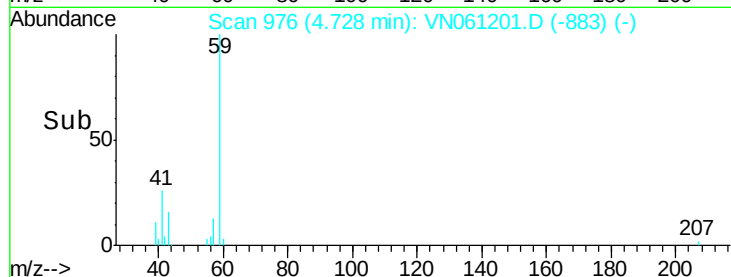
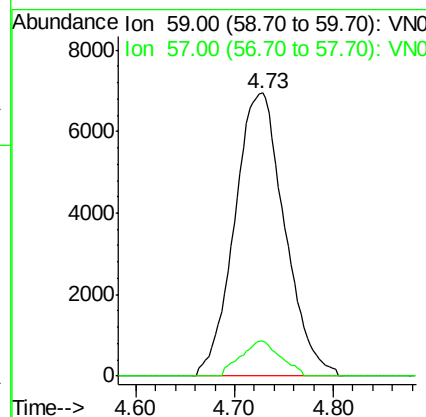
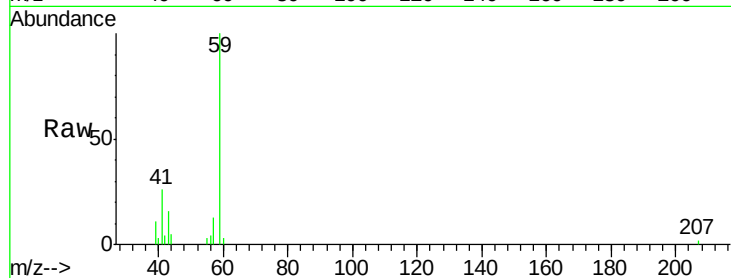
Tert butyl alcohol
Concen: 99.471 ug/l
RT: 4.73 min Scan# 976
Delta R.T. 0.00 min
Lab File: VN061201.D
Acq: 30 Apr 2020 14:58

Instrument :
MSVOA_N
ClientSampleId :
VN0430WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.8	8.3	12.5

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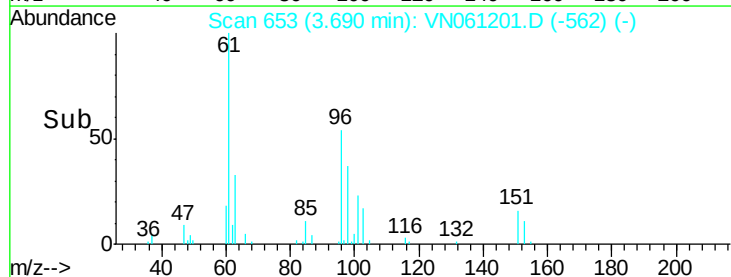
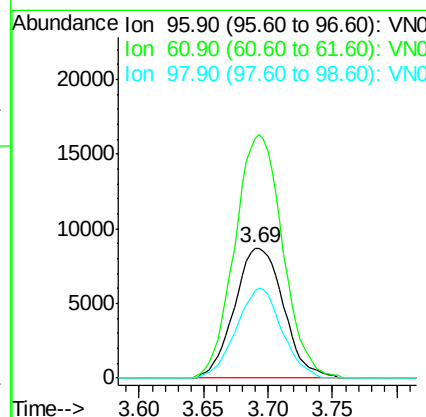
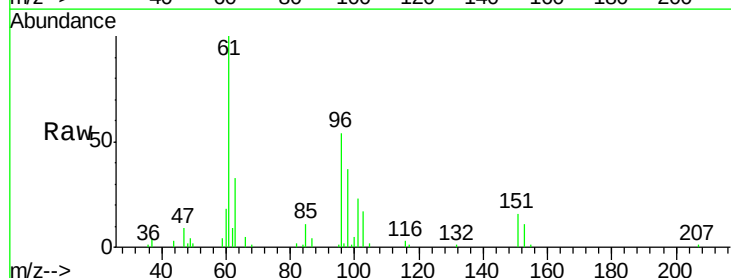
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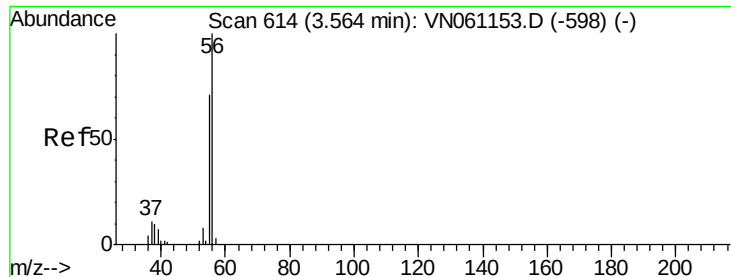


#12

1,1-Dichloroethene
Concen: 18.795 ug/l
RT: 3.69 min Scan# 653
Delta R.T. -0.01 min
Lab File: VN061201.D
Acq: 30 Apr 2020 14:58

Tgt Ion	Ratio	Lower	Upper
96	100		
61	184.1	147.0	220.6
98	67.5	49.8	74.6





#13

Acrolein

Concen: 70.056 ug/l

RT: 3.56 min Scan# 613

Delta R.T. -0.00 min

Lab File: VN061201.D

Acq: 30 Apr 2020 14:58

Instrument :

MSVOA_N

ClientSampled :

VN0430WBS01

Tot Ion: 56 Resp: 11464

Ion Ratio Lower Upper

56 100

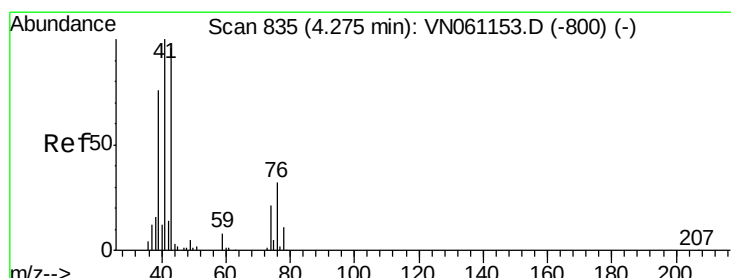
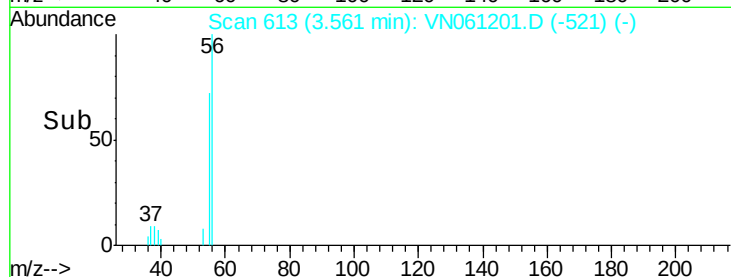
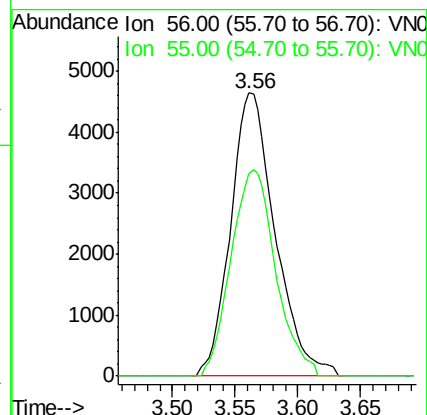
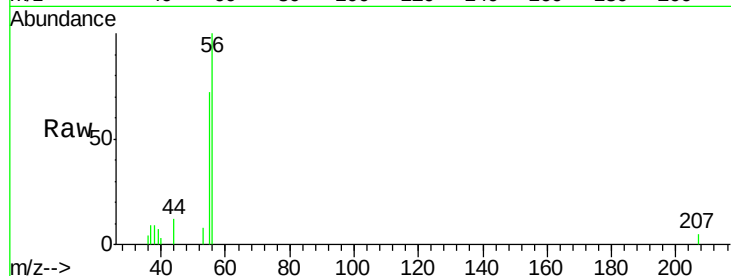
55 73.0 58.5 87.7

Manual Integrations

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#14

Allyl chloride

Concen: 23.072 ug/l

RT: 4.27 min Scan# 835

Delta R.T. 0.00 min

Lab File: VN061201.D

Acq: 30 Apr 2020 14:58

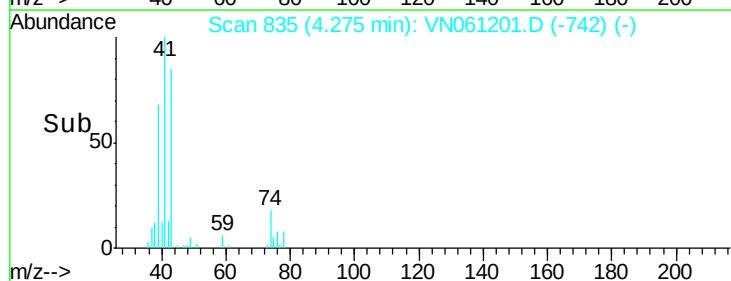
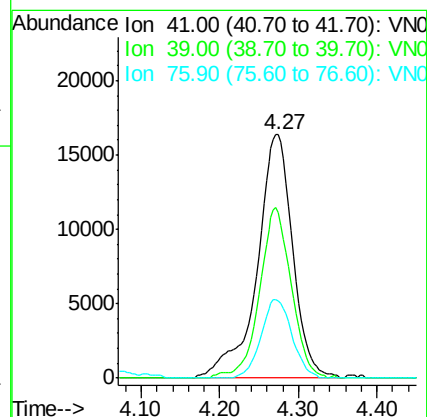
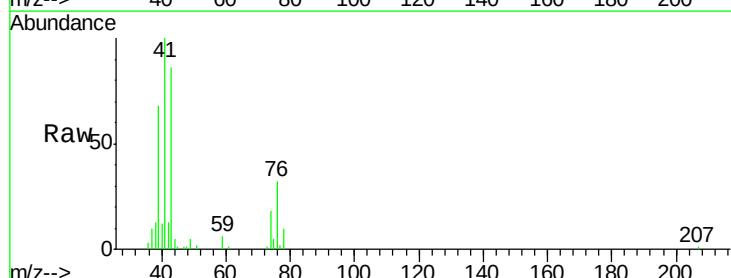
Tgt Ion: 41 Resp: 52290

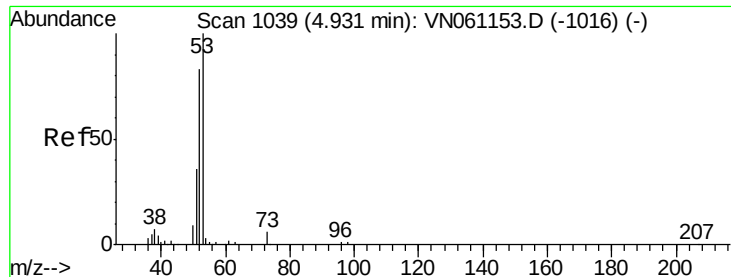
Ion Ratio Lower Upper

41 100

39 62.4 57.1 85.7

76 28.2 24.3 36.5





#15

Acrylonitrile

Concen: 101.097 ug/l

RT: 4.92 min Scan# 1037

Delta R.T. -0.01 min

Lab File: VN061201.D

Acq: 30 Apr 2020 14:58

Instrument :

MSVOA_N

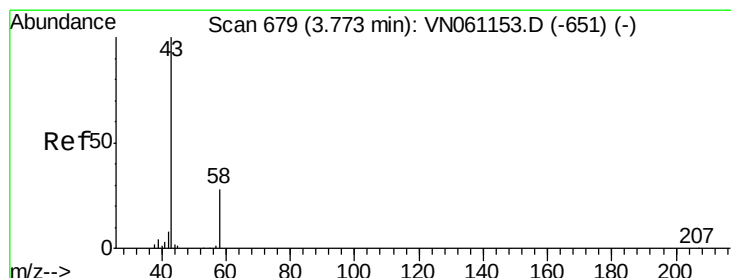
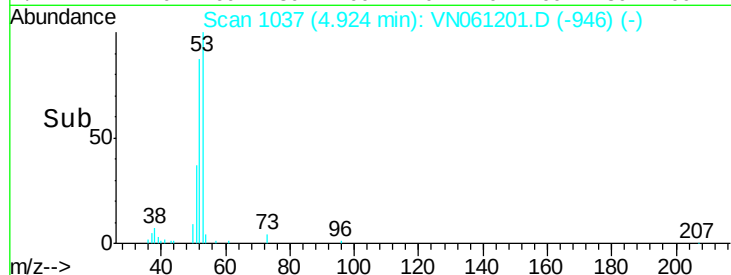
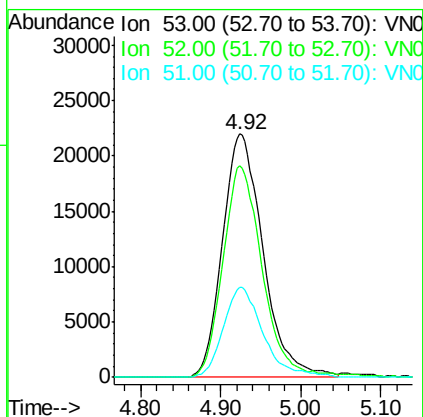
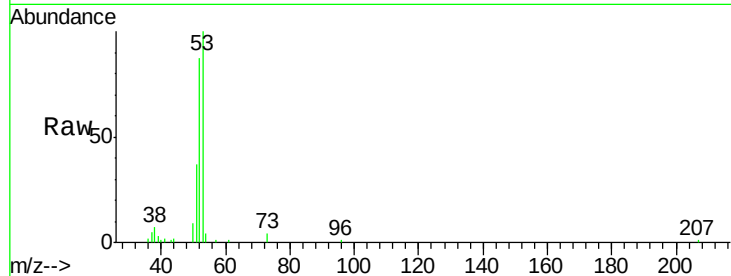
ClientSampleId :

VN0430WBS01

Tot Ion:	53	Resp:	76207
Ion	Ratio	Lower	Upper
53	100		
52	83.9	65.4	98.0
51	36.2	29.5	44.3

Manual Integrations
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#16

Acetone

Concen: 90.434 ug/l

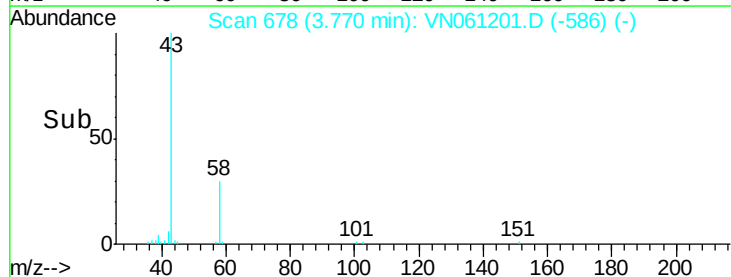
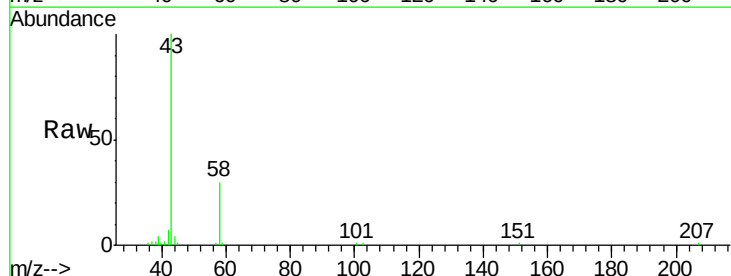
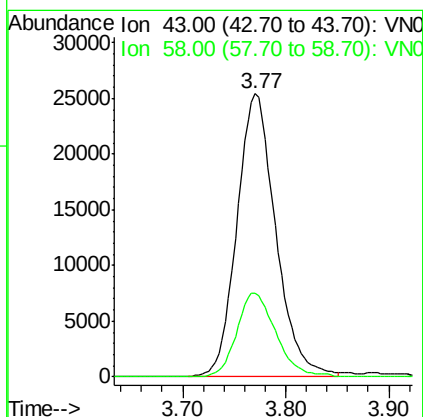
RT: 3.77 min Scan# 678

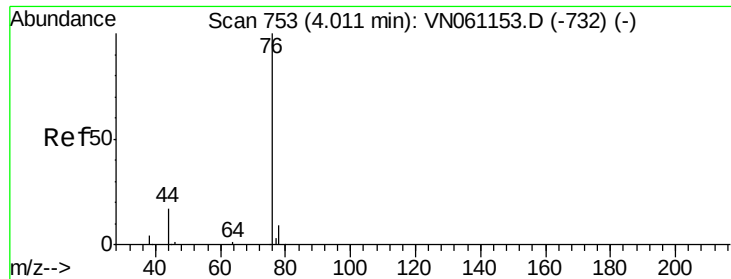
Delta R.T. -0.00 min

Lab File: VN061201.D

Acq: 30 Apr 2020 14:58

Tgt Ion:	43	Resp:	66613
Ion	Ratio	Lower	Upper
43	100		
58	29.6	22.2	33.2





#17

Carbon Disulfide

Concen: 18.577 ug/l

RT: 4.01 min Scan# 752

Delta R.T. -0.00 min

Lab File: VN061201.D

Acq: 30 Apr 2020 14:58

Instrument :

MSVOA_N

ClientSampled :

VN0430WBS01

Tot Ion: 76 Resp: 62723

Ion Ratio Lower Upper

76 100

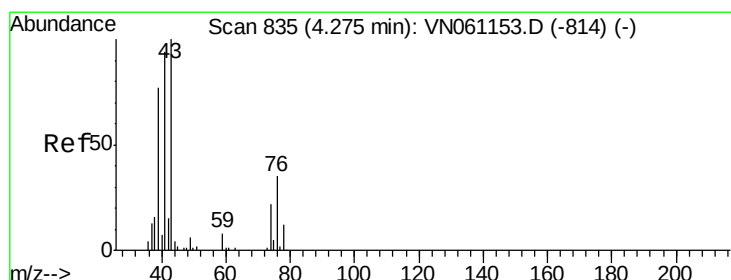
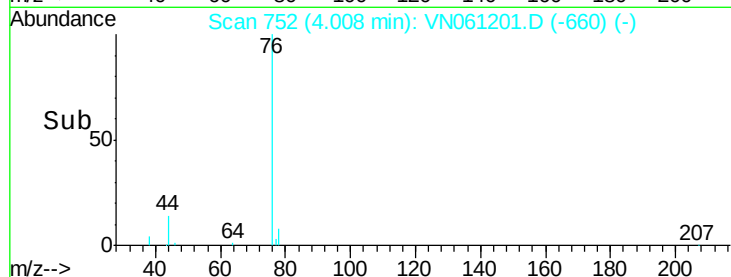
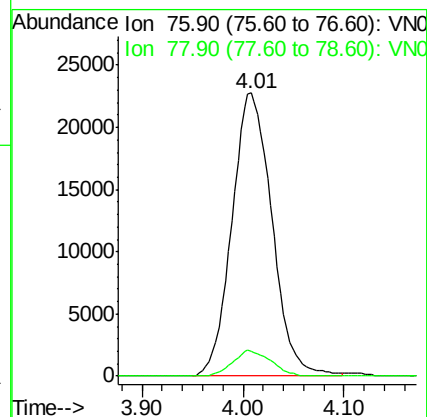
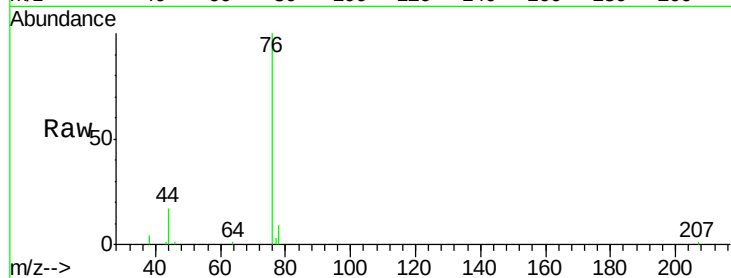
78 8.8 7.2 10.8

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#18

Methyl Acetate

Concen: 18.650 ug/l

RT: 4.27 min Scan# 835

Delta R.T. 0.00 min

Lab File: VN061201.D

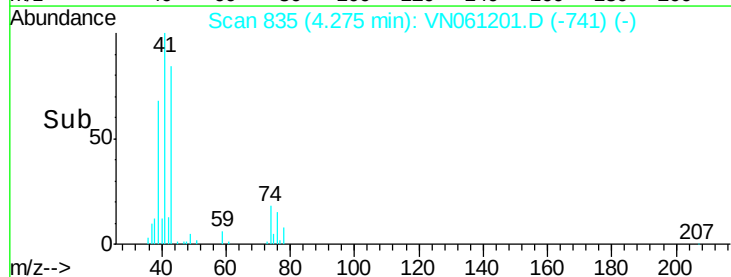
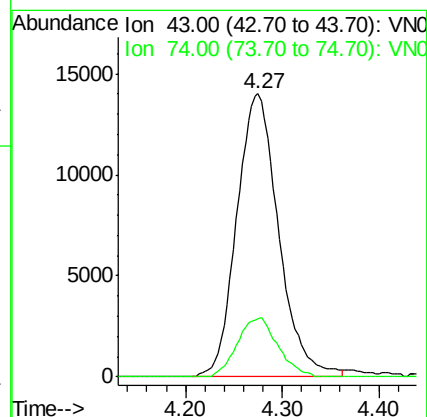
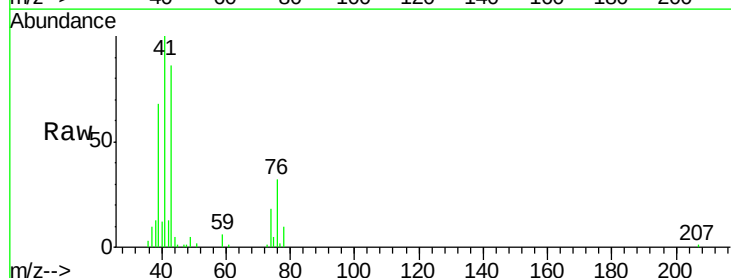
Acq: 30 Apr 2020 14:58

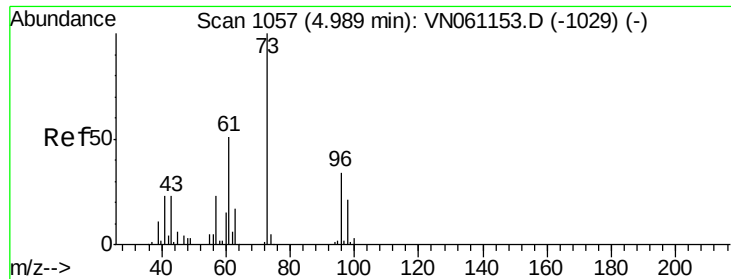
Tgt Ion: 43 Resp: 42157

Ion Ratio Lower Upper

43 100

74 20.2 17.0 25.4





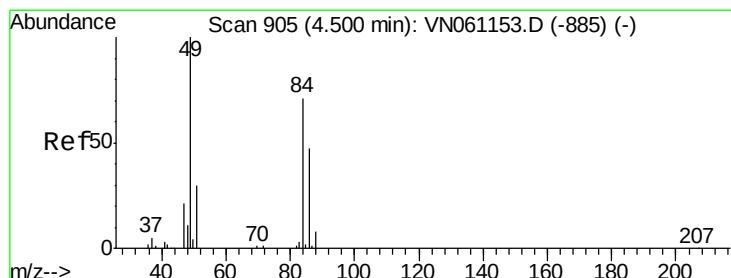
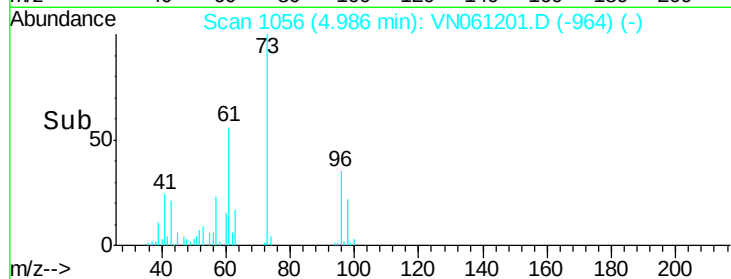
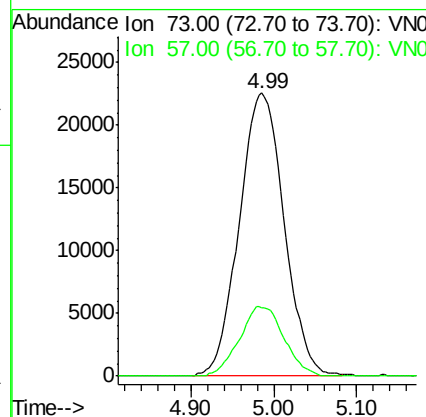
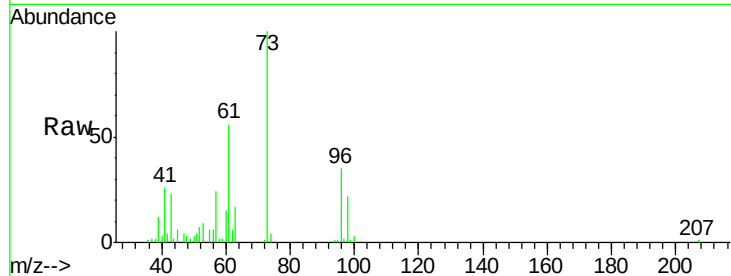
#19
Methvl tert-butyl Ether
Concen: 18.137 ug/l
RT: 4.99 min Scan# 1056
Delta R.T. -0.00 min
Lab File: VN061201.D
Acq: 30 Apr 2020 14:58

Instrument :
MSVOA_N
ClientSampled :
VN0430WBS01

Tot Ion: 73 Resp: 84712
Ion Ratio Lower Upper
73 100
57 24.2 18.3 27.5

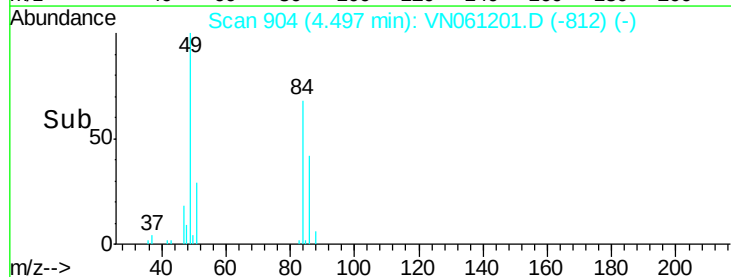
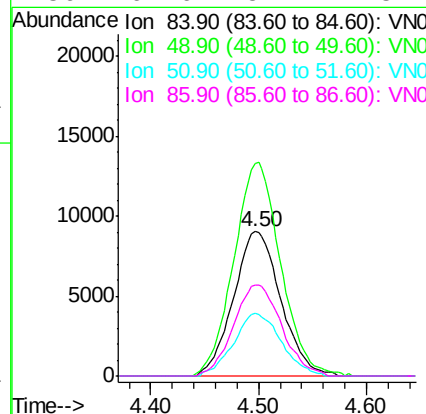
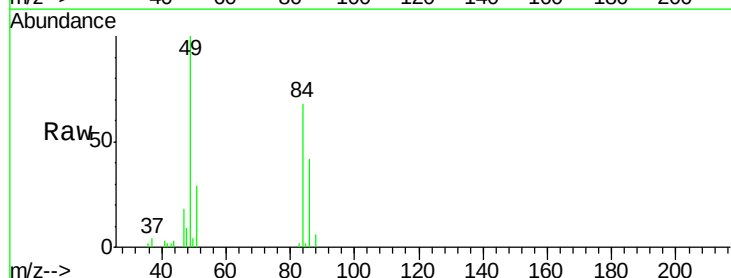
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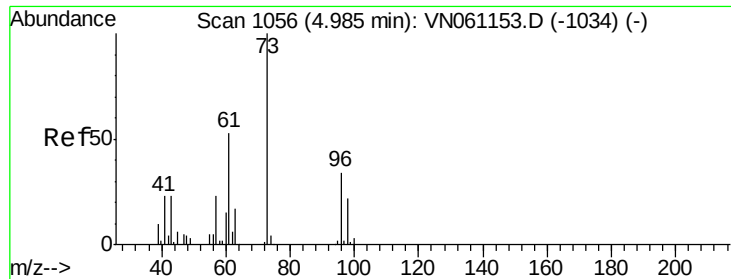
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#20
Methylene Chloride
Concen: 19.291 ug/l
RT: 4.50 min Scan# 904
Delta R.T. -0.00 min
Lab File: VN061201.D
Acq: 30 Apr 2020 14:58

Tgt Ion: 84 Resp: 27574
Ion Ratio Lower Upper
84 100
49 147.6 112.0 168.0
51 43.3 33.6 50.4
86 62.6 52.1 78.1





#21

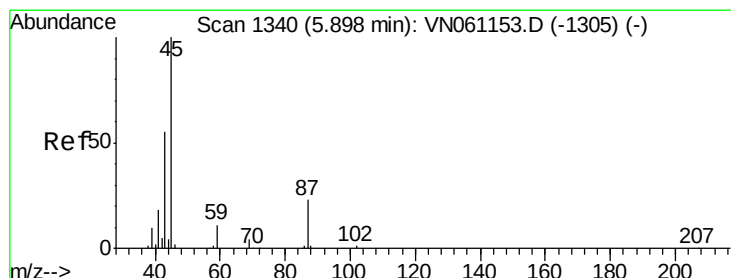
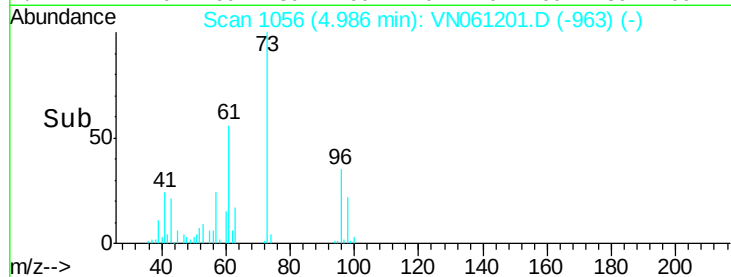
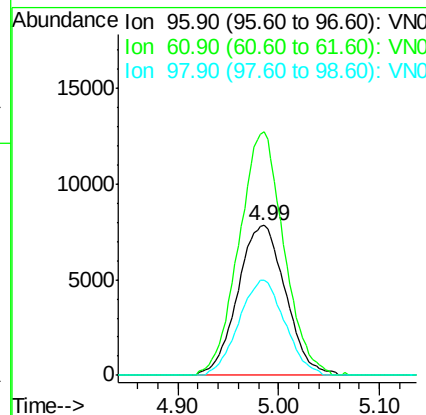
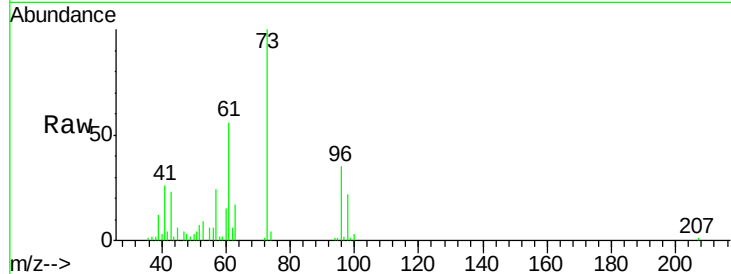
trans-1,2-Dichloroethene
Concen: 19.385 ug/l
RT: 4.99 min Scan# 1056
Delta R.T. 0.00 min
Lab File: VN061201.D
Acq: 30 Apr 2020 14:58

Instrument :
MSVOA_N
ClientSampled :
VN0430WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	162.6	123.0	184.4
98	63.6	50.1	75.1

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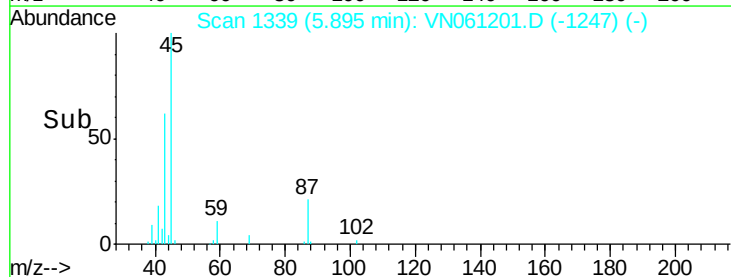
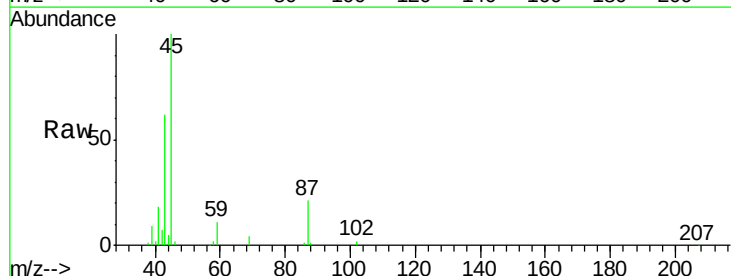
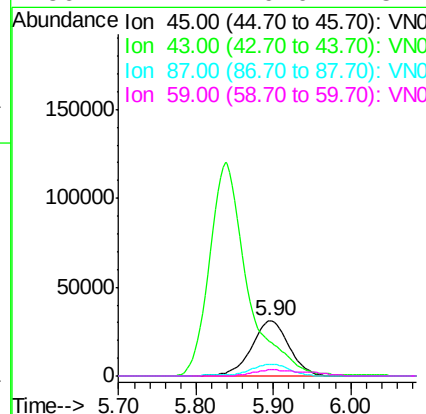
MMDadoda
5/1/2020 10:54:21 AM

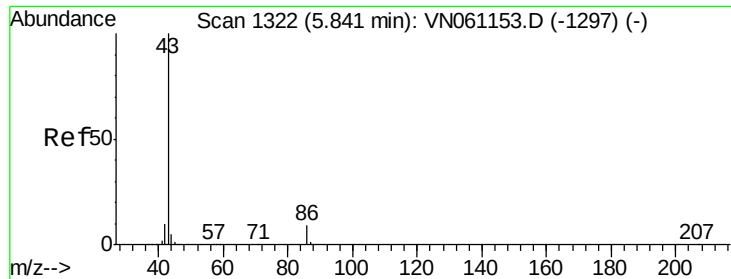


#22

Diisopropyl ether
Concen: 20.054 ug/l
RT: 5.90 min Scan# 1339
Delta R.T. -0.00 min
Lab File: VN061201.D
Acq: 30 Apr 2020 14:58

Tgt Ion	Ratio	Lower	Upper
45	100		
43	59.4	47.9	71.9
87	21.1	19.2	28.8
59	11.2	9.0	13.4





#23

Vinyl Acetate

Concen: 96.968 ug/l

RT: 5.84 min Scan# 1321

Delta R.T. -0.00 min

Lab File: VN061201.D

Acq: 30 Apr 2020 14:58

Instrument :

MSVOA_N

ClientSampled :

VN0430WBS01

Tot Ion: 43 Resp: 410339

Ion Ratio Lower Upper

43 100

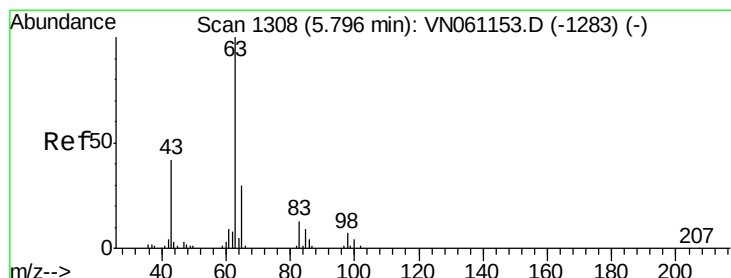
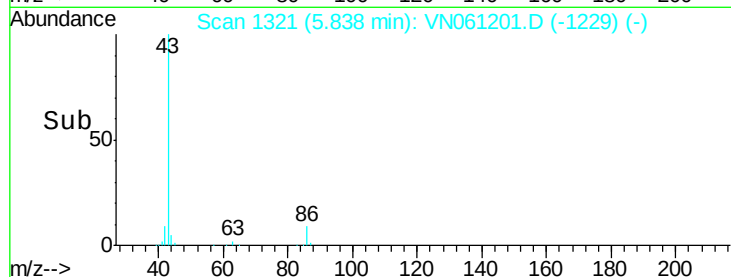
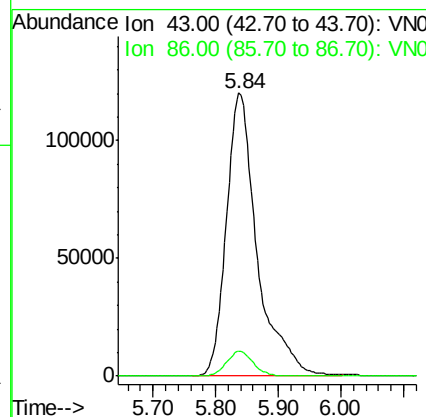
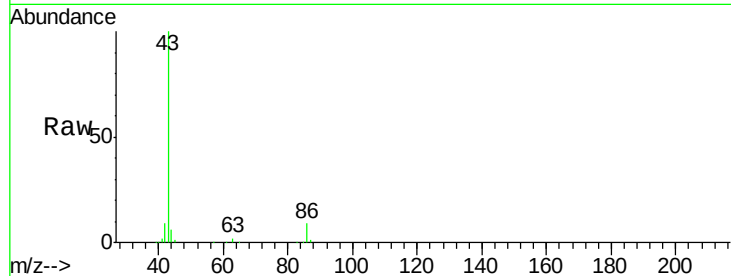
86 8.8 7.2 10.8

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 19.356 ug/l

RT: 5.79 min Scan# 1307

Delta R.T. -0.00 min

Lab File: VN061201.D

Acq: 30 Apr 2020 14:58

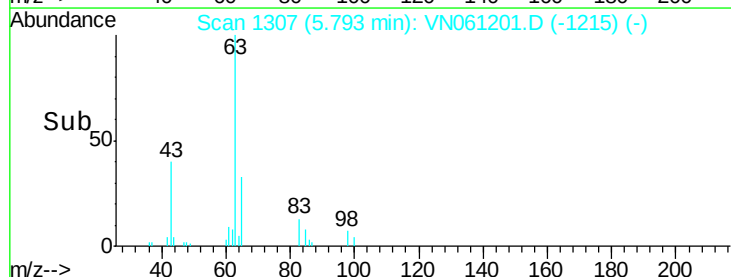
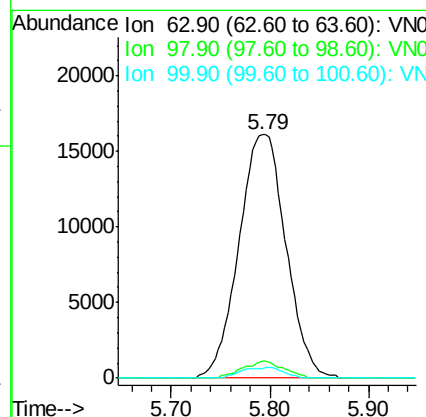
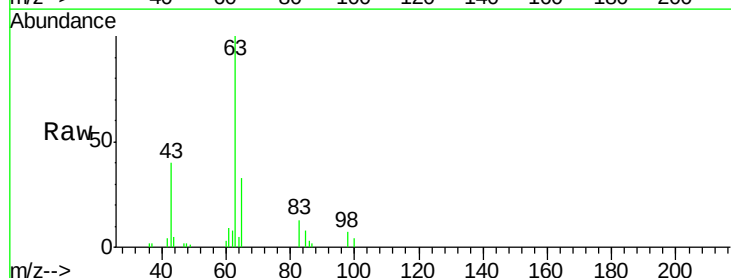
Tgt Ion: 63 Resp: 53151

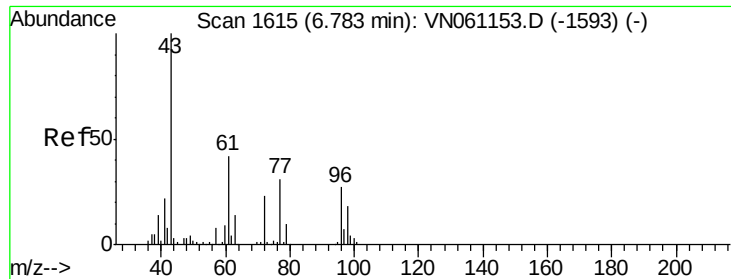
Ion Ratio Lower Upper

63 100

98 7.1 3.3 9.9

100 3.9 1.9 5.7





#25

2-Butanone

Concen: 93.856 ug/l

RT: 6.78 min Scan# 1614

Delta R.T. -0.00 min

Lab File: VN061201.D

Acq: 30 Apr 2020 14:58

Instrument :

MSVOA_N

ClientSampled :

VN0430WBS01

Tot Ion: 43 Resp: 101806

Ion Ratio Lower Upper

43 100

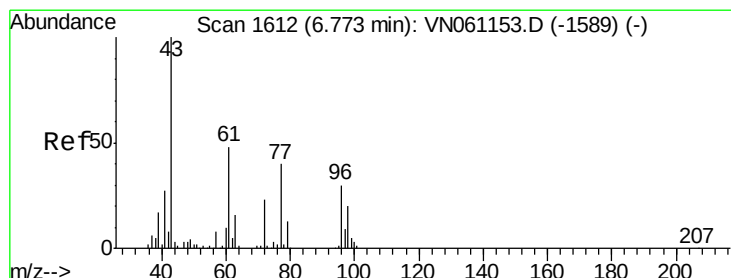
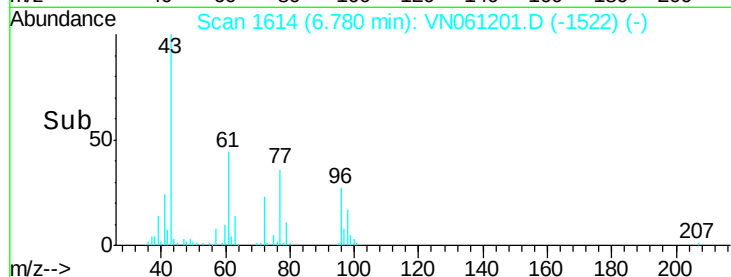
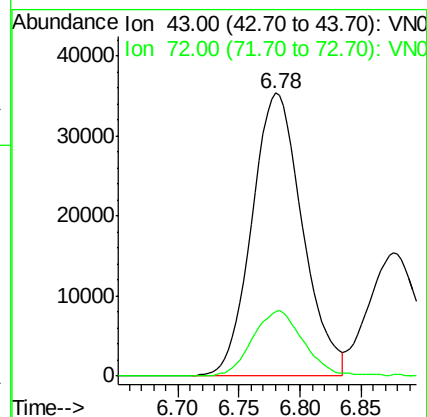
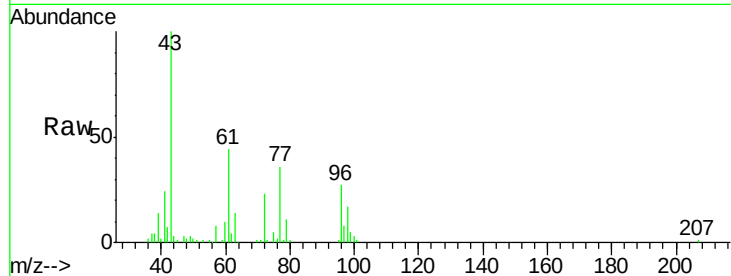
72 22.9 18.2 27.4

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 19.168 ug/l

RT: 6.77 min Scan# 1611

Delta R.T. -0.00 min

Lab File: VN061201.D

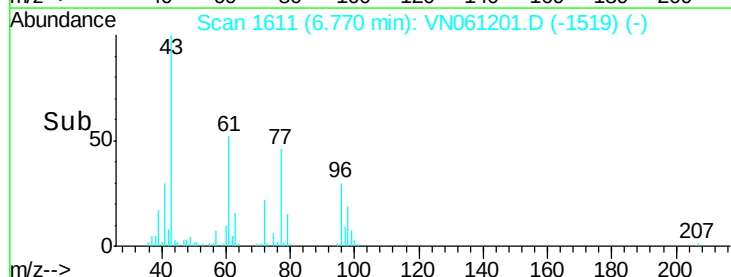
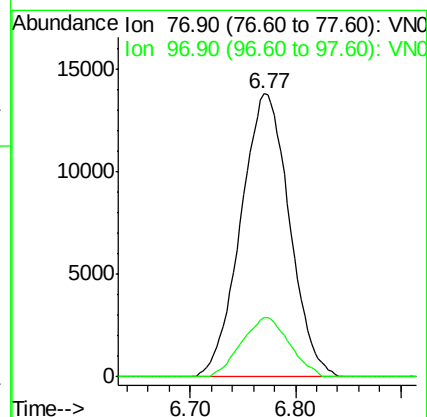
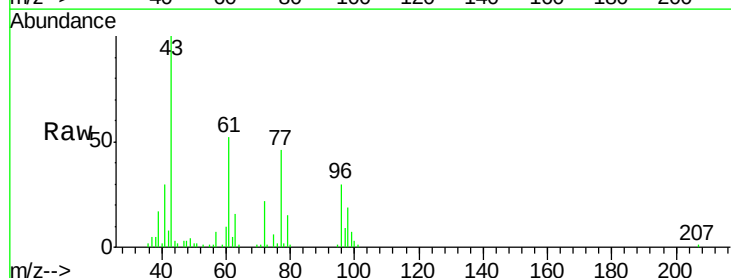
Acq: 30 Apr 2020 14:58

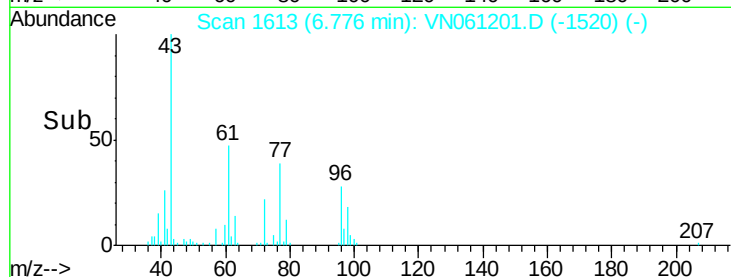
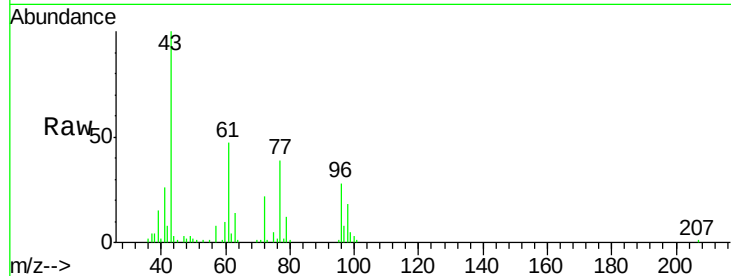
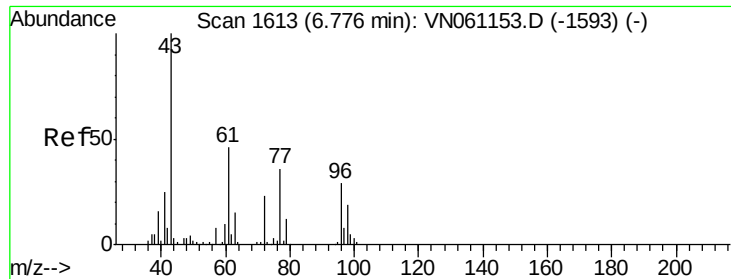
Tgt Ion: 77 Resp: 44334

Ion Ratio Lower Upper

77 100

97 20.6 10.5 31.5





#27

cis-1,2-Dichloroethene

Concen: 18.475 ug/l

RT: 6.78 min Scan# 1613

Delta R.T. 0.00 min

Lab File: VN061201.D

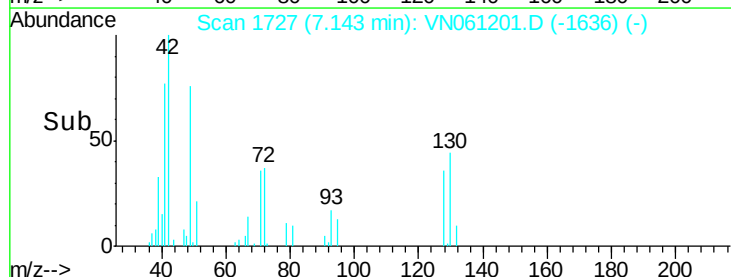
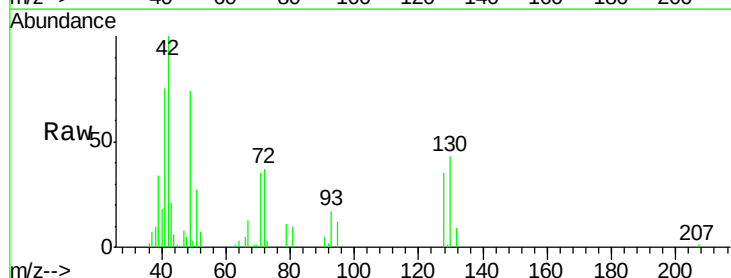
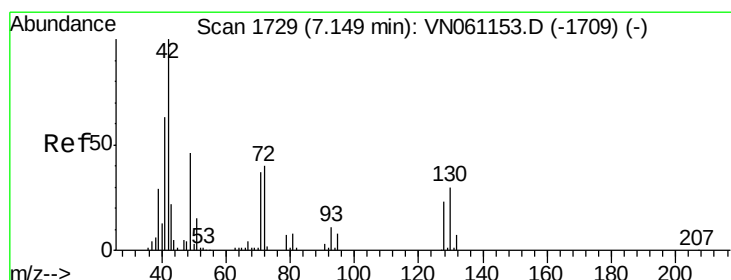
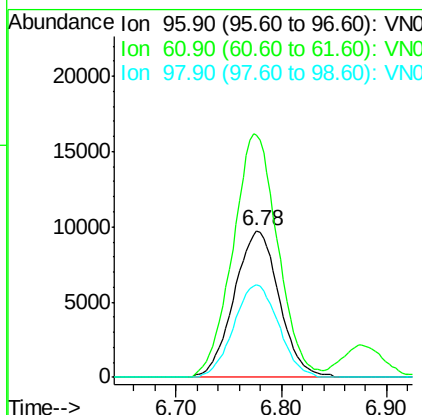
Acq: 30 Apr 2020 14:58

Tot Ion	Ratio	Resp	Lower	Upper
96	100	28857		
61	166.0		0.0	322.0
98	62.8		0.0	129.6

Instrument :
MSVOA_N
ClientSampleId :
VN0430WBS01

Manual Integrations
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5/1/2020 10:54:21 AM



#28

Bromochloromethane

Concen: 21.609 ug/l

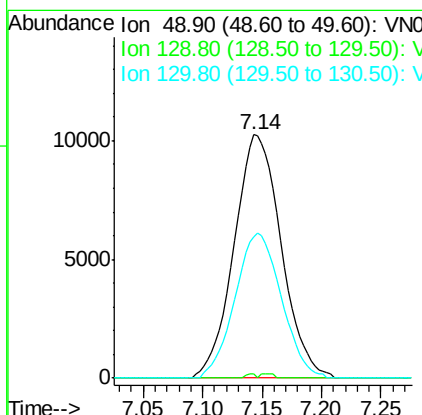
RT: 7.14 min Scan# 1727

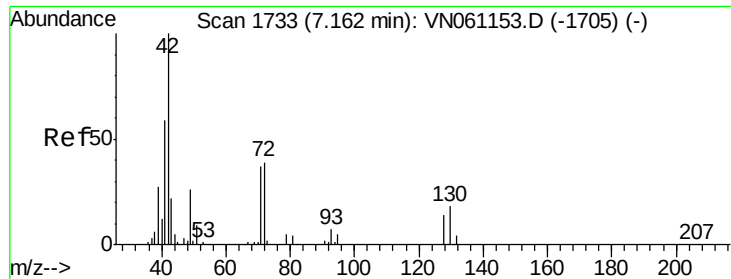
Delta R.T. -0.01 min

Lab File: VN061201.D

Acq: 30 Apr 2020 14:58

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	28124		
129	0.3		0.0	3.0
130	58.6		51.4	77.2





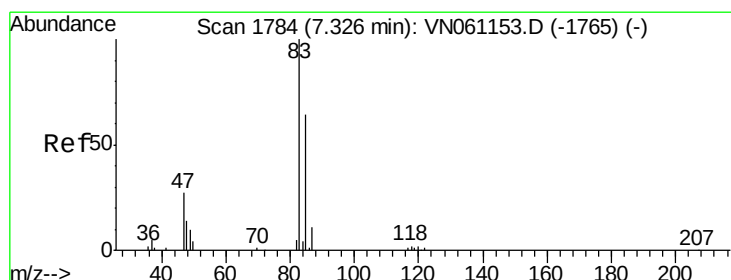
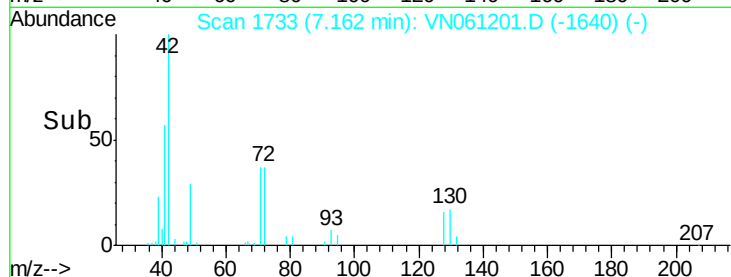
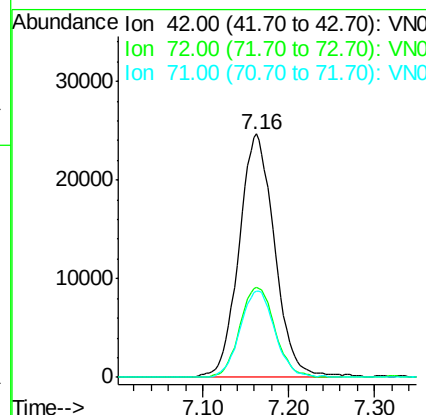
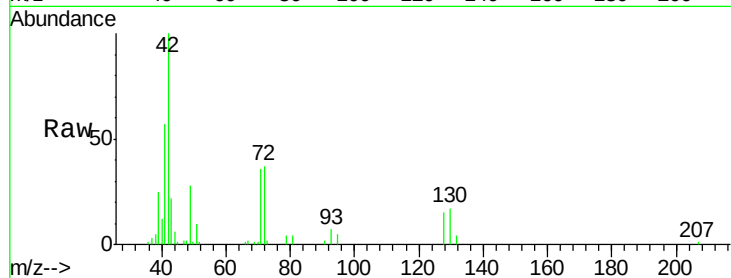
#29
Tetrahydrofuran
Concen: 97.197 ug/l
RT: 7.16 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VN061201.D
Acq: 30 Apr 2020 14:58

Instrument :
MSVOA_N
ClientSampleId :
VN0430WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	36.4	31.4	47.0
71	34.5	29.5	44.3

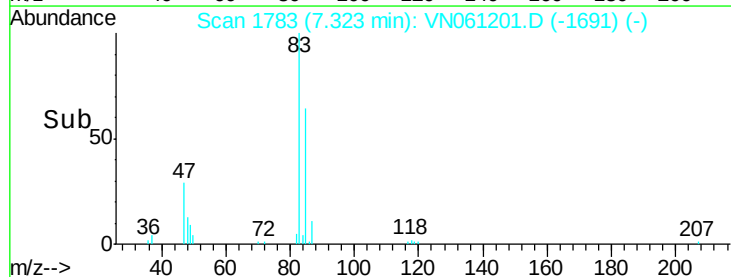
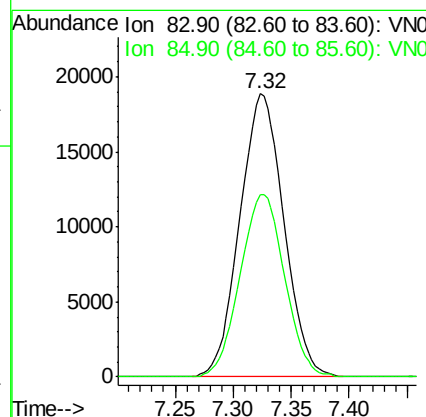
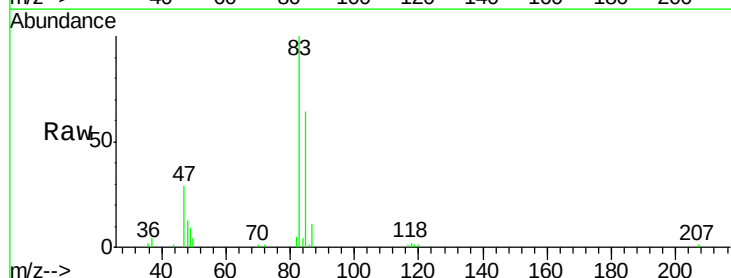
Manual Integrations
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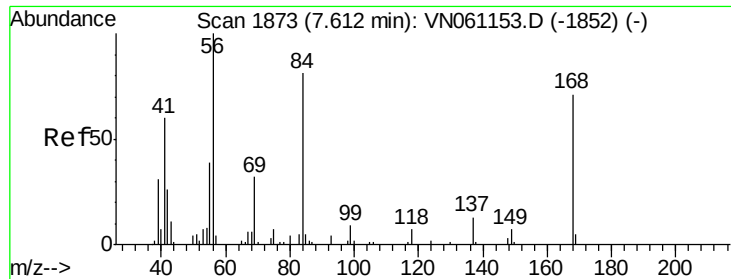
MMDadoda
5/1/2020 10:54:21 AM



#30
Chloroform
Concen: 17.880 ug/l
RT: 7.32 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VN061201.D
Acq: 30 Apr 2020 14:58

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.2	51.1	76.7





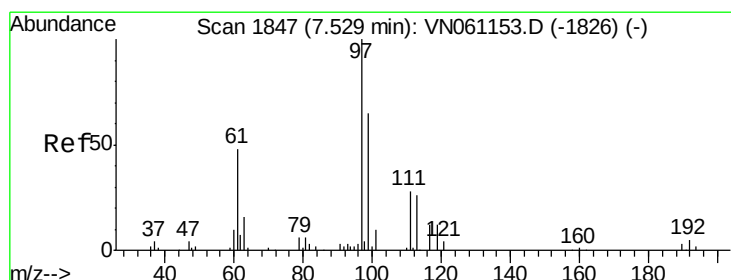
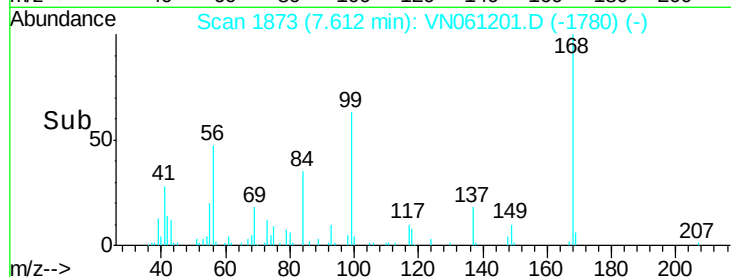
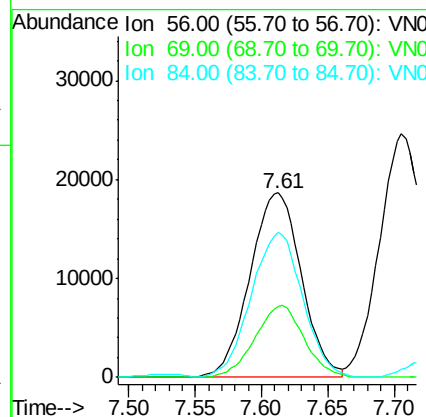
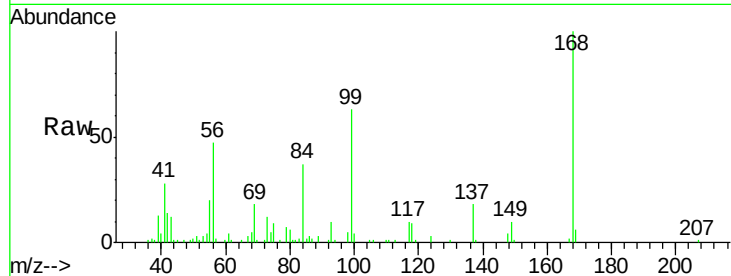
#31
Cyclohexane
Concen: 18.873 ug/l
RT: 7.61 min Scan# 1873
Delta R.T. 0.00 min
Lab File: VN061201.D
Acq: 30 Apr 2020 14:58

Instrument :
MSVOA_N
ClientSampled :
VN0430WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	38.3	25.7	38.5
84	78.4	64.6	97.0

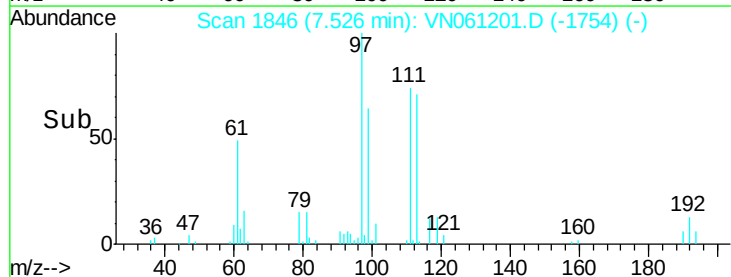
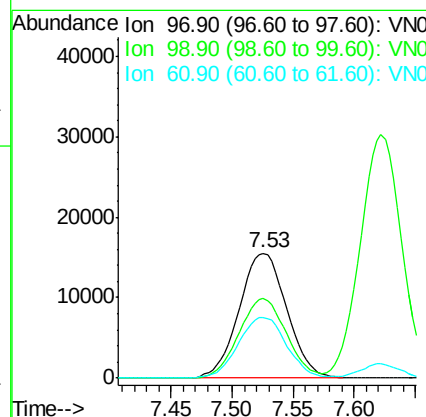
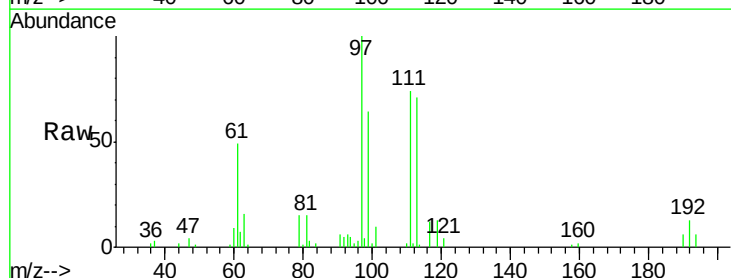
Manual Integrations
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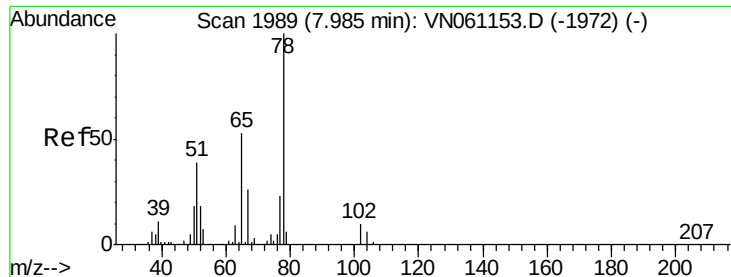
MMDadoda
5/1/2020 10:54:21 AM



#32
1,1,1-Trichloroethane
Concen: 17.319 ug/l
RT: 7.53 min Scan# 1846
Delta R.T. -0.00 min
Lab File: VN061201.D
Acq: 30 Apr 2020 14:58

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.6	51.3	76.9
61	49.5	38.6	57.8





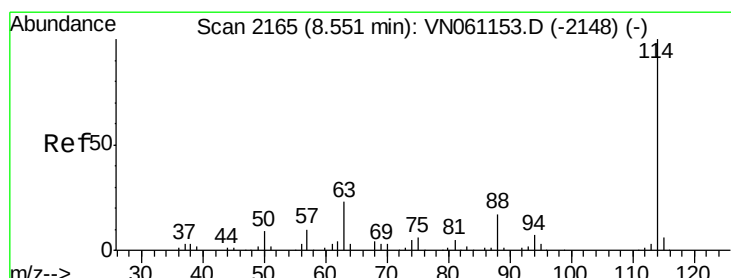
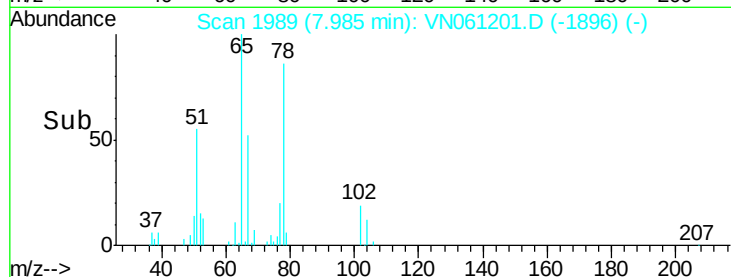
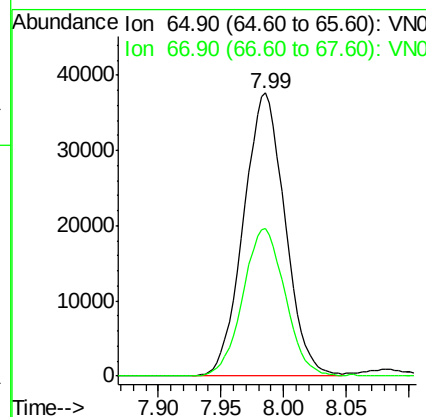
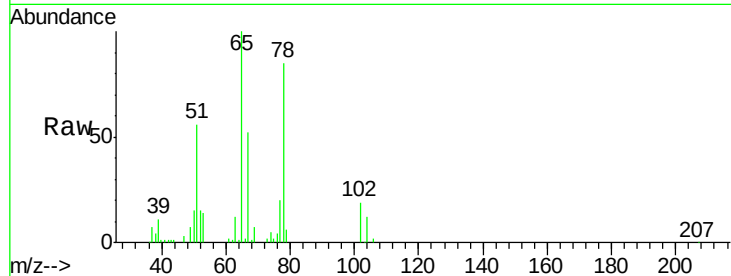
#33
 1,2-Dichloroethane-d4
 Concen: 47.417 ug/l
 RT: 7.99 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: VN061201.D
 Acq: 30 Apr 2020 14:58

Instrument :
 MSVOA_N
 ClientSampled :
 VN0430WBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	101.6

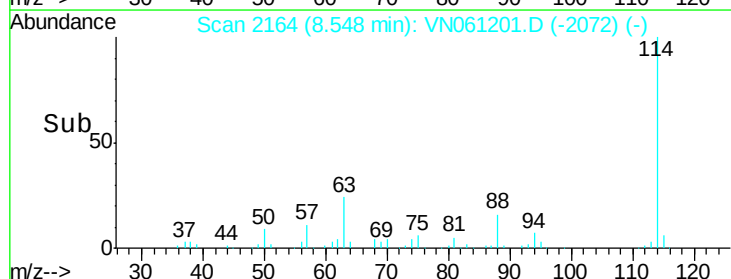
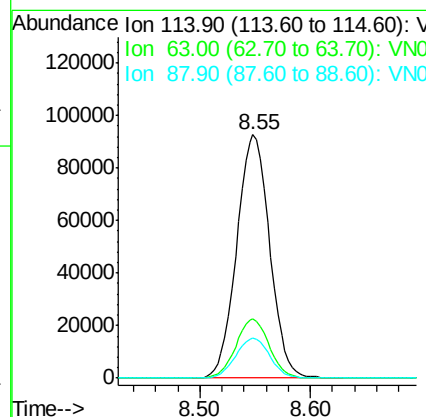
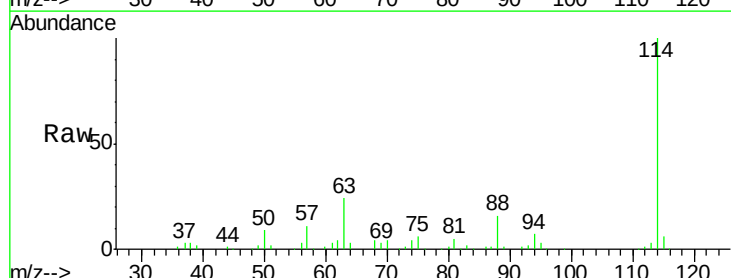
Manual Integrations
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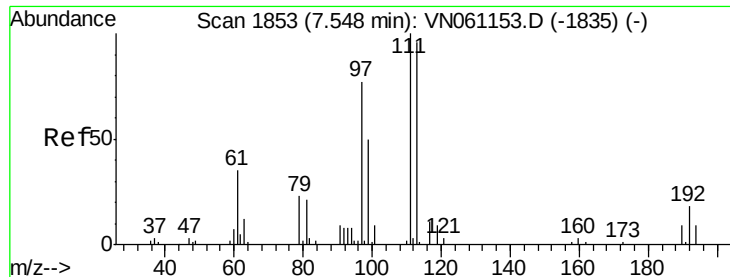
MMDadoda
 5/1/2020 10:54:21 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2164
 Delta R.T. -0.00 min
 Lab File: VN061201.D
 Acq: 30 Apr 2020 14:58

Tgt Ion	Ratio	Lower	Upper
114	100		
63	24.4	0.0	46.6
88	16.4	0.0	33.4





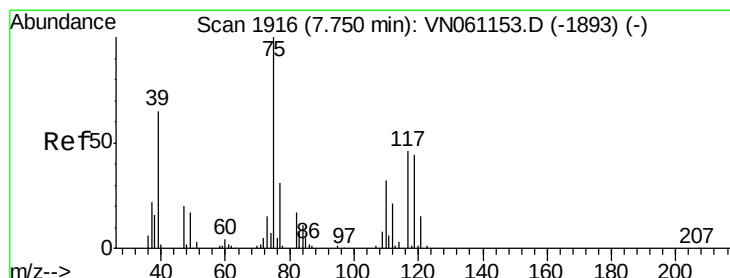
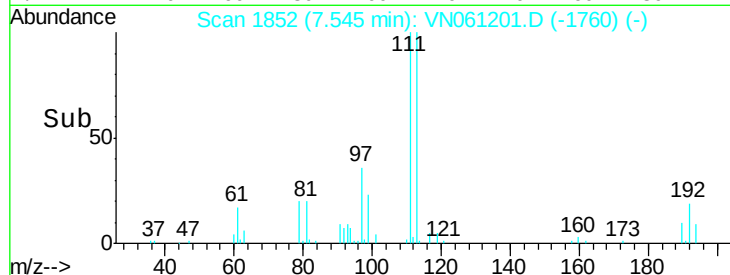
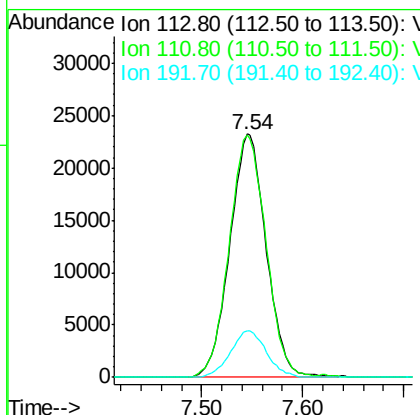
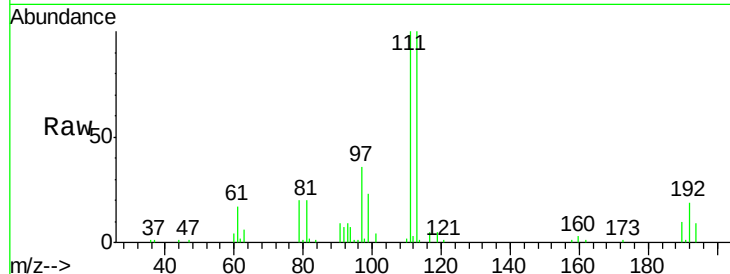
#35
 Dibromofluoromethane
 Concen: 51.027 ug/l
 RT: 7.54 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VN061201.D
 Acq: 30 Apr 2020 14:58

Instrument :
 MSVOA_N
 ClientSampled :
 VN0430WBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	100.8	82.9	124.3
192	18.9	14.7	22.1

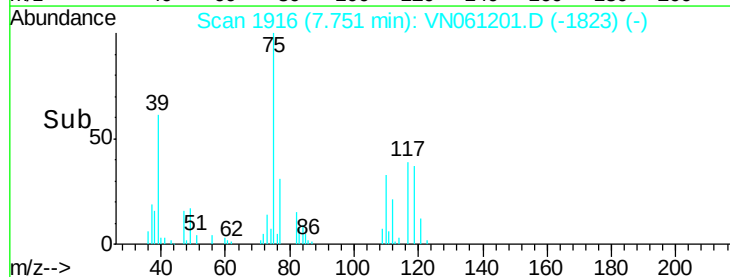
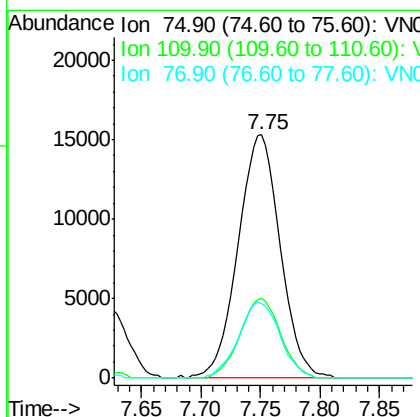
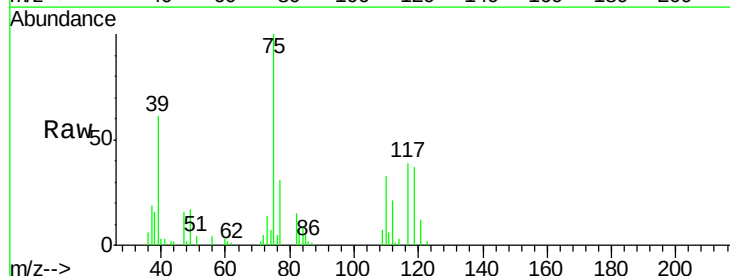
Manual Integrations
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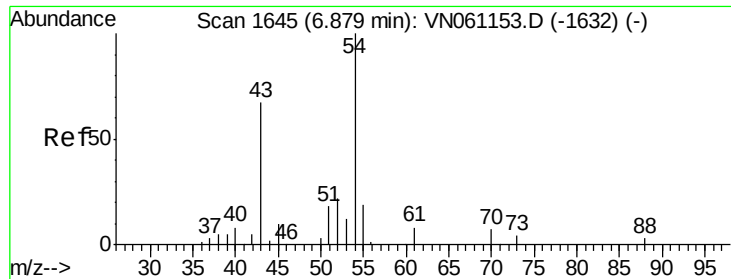
MMDadoda
 5/1/2020 10:54:21 AM



#36
 1,1-Dichloropropene
 Concen: 19.494 ug/l
 RT: 7.75 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VN061201.D
 Acq: 30 Apr 2020 14:58

Tgt Ion	Ratio	Lower	Upper
75	100		
110	31.7	16.0	48.0
77	30.7	24.6	37.0





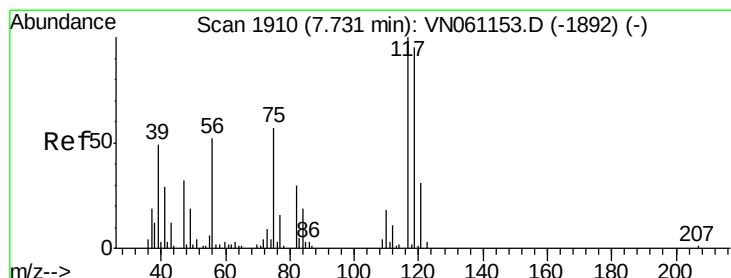
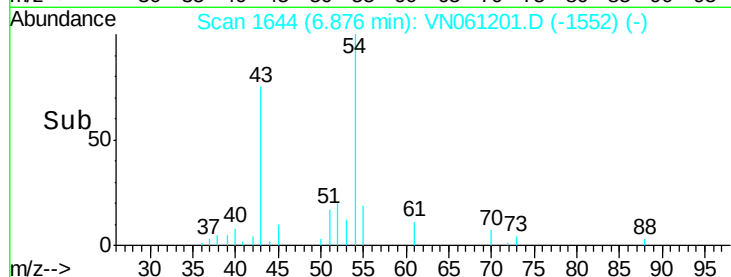
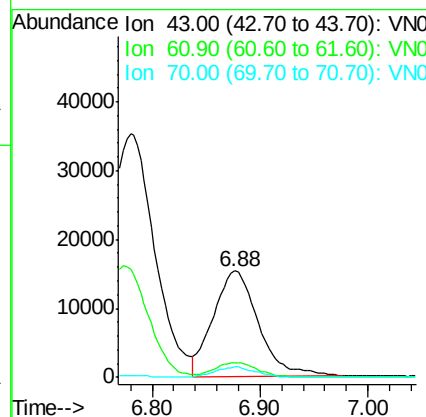
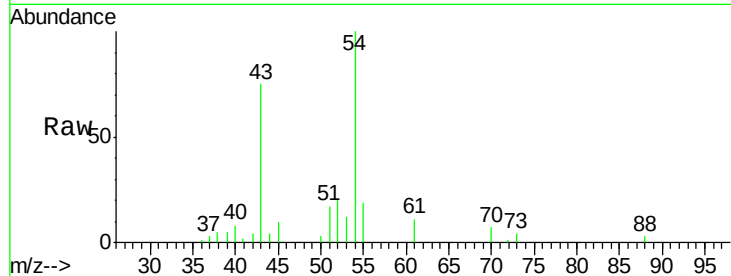
#37
Ethyl Acetate
Concen: 19.653 ug/l
RT: 6.88 min Scan# 1644
Delta R.T. -0.00 min
Lab File: VN061201.D
Acq: 30 Apr 2020 14:58

Instrument :
MSVOA_N
ClientSampled :
VN0430WBS01

Tot Ion	43	Ratio	Lower	Upper
43	100			
61	13.5	10.2	15.2	
70	8.8	7.2	10.8	

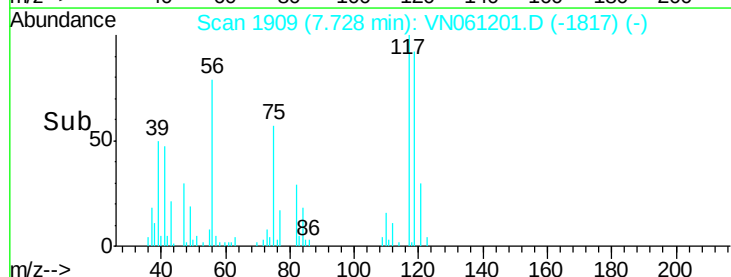
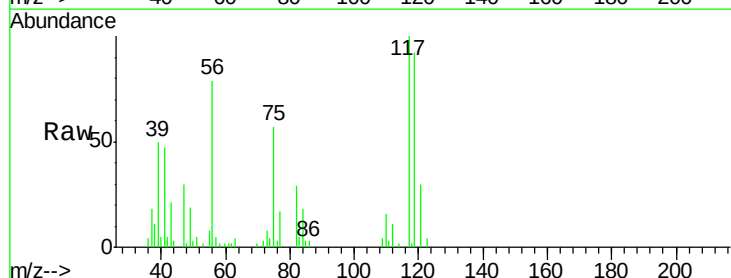
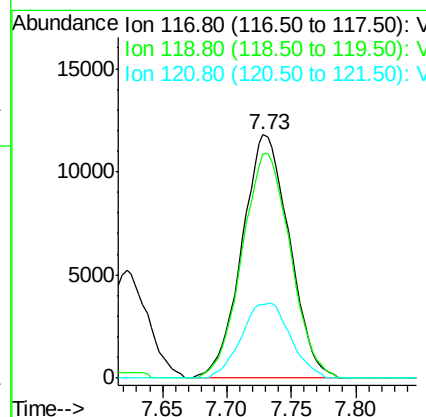
Manual Integrations
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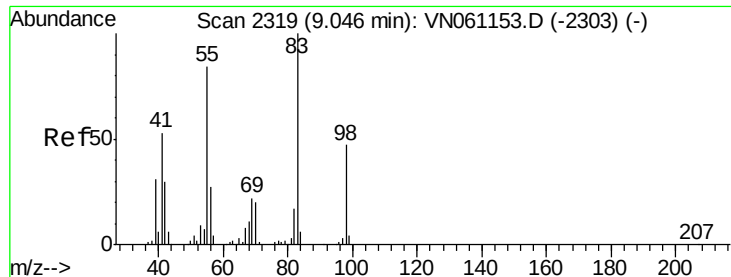
MMDadoda
5/1/2020 10:54:21 AM



#38
Carbon Tetrachloride
Concen: 18.673 ug/l
RT: 7.73 min Scan# 1909
Delta R.T. -0.00 min
Lab File: VN061201.D
Acq: 30 Apr 2020 14:58

Tgt Ion	117	Ratio	Lower	Upper
117	100			
119	92.0	75.8	113.6	
121	30.3	24.7	37.1	





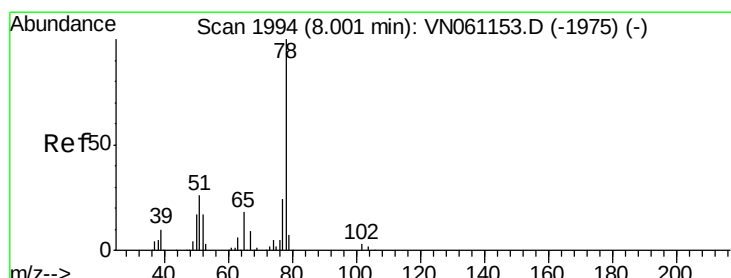
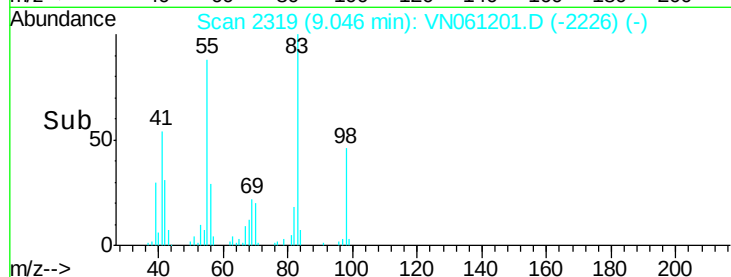
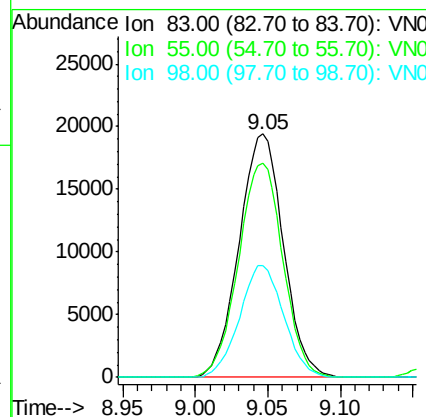
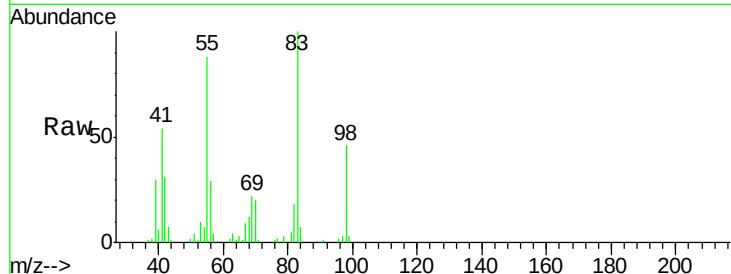
#39
Methylvlcyclohexane
Concen: 19.103 ug/l
RT: 9.05 min Scan# 2319
Delta R.T. 0.00 min
Lab File: VN061201.D
Acq: 30 Apr 2020 14:58

Instrument :
MSVOA_N
ClientSampled :
VN0430WBS01

Tot Ion	83	Resp	41260
Ion	Ratio	Lower	Upper
83	100		
55	87.9	67.3	100.9
98	45.7	37.7	56.5

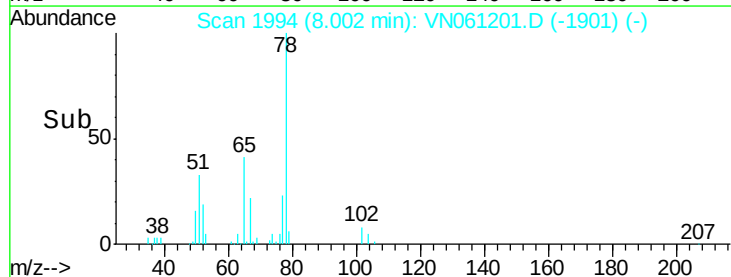
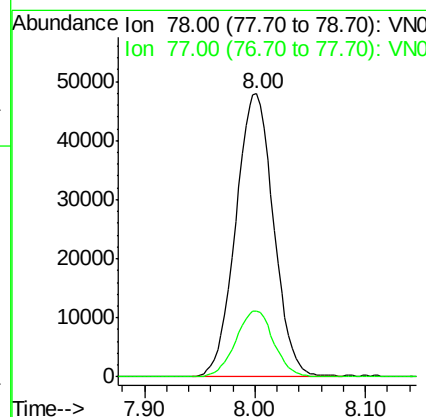
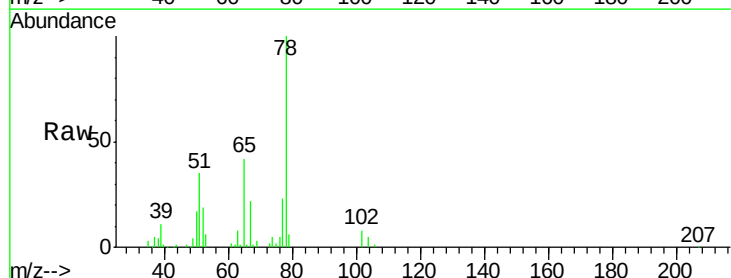
Manual Integrations
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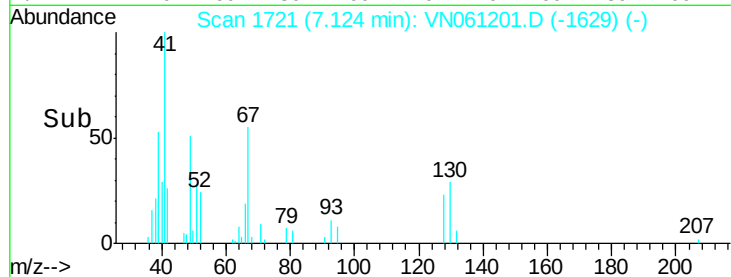
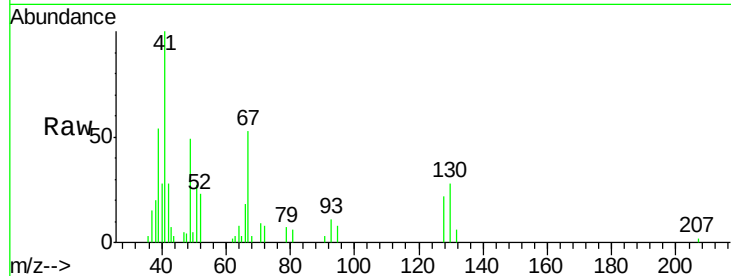
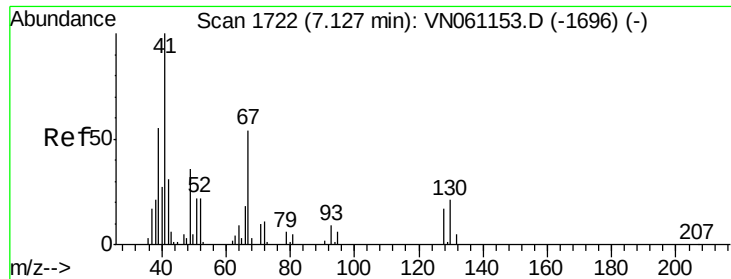
MMDadoda
5/1/2020 10:54:21 AM



#40
Benzene
Concen: 19.847 ug/l
RT: 8.00 min Scan# 1994
Delta R.T. 0.00 min
Lab File: VN061201.D
Acq: 30 Apr 2020 14:58

Tgt Ion	78	Resp	113882
Ion	Ratio	Lower	Upper
78	100		
77	23.2	19.0	28.6





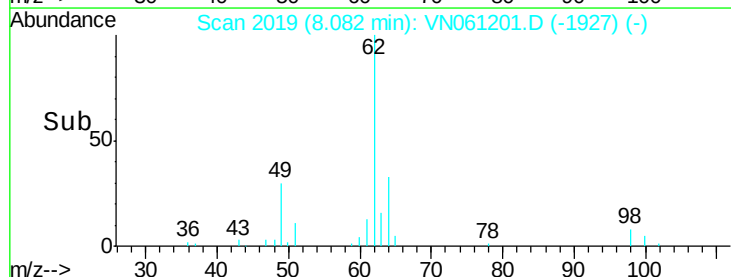
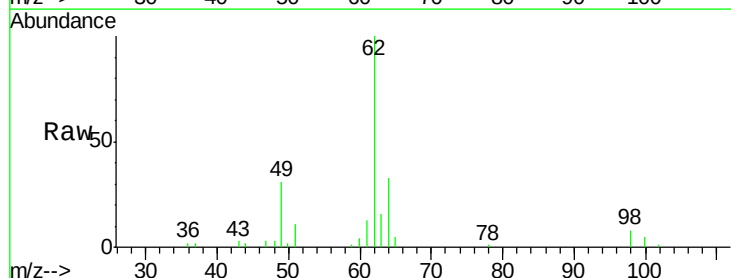
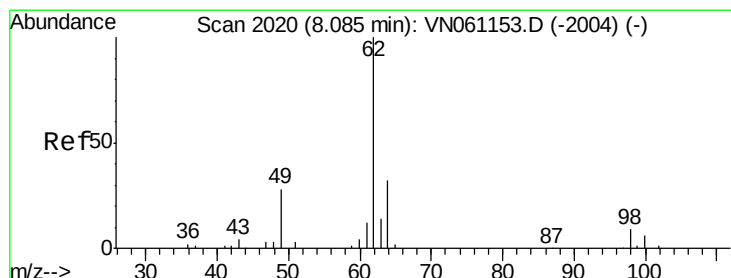
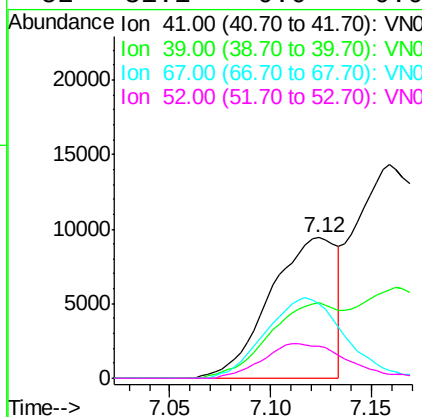
#41
Methacrylonitrile
Concen: 23.053 ug/l
RT: 7.12 min Scan# 1721
Delta R.T. -0.00 min
Lab File: VN061201.D
Acq: 30 Apr 2020 14:58

Tot Ion	Ratio	Lower	Upper
41	100		
39	53.6	0.0	0.0#
67	68.6	0.0	0.0#
52	31.1	0.0	0.0#

Instrument :
MSVOA_N
ClientSampleId :
VN0430WBS01

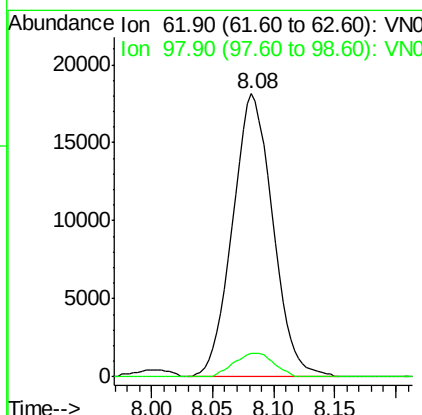
Manual Integrations
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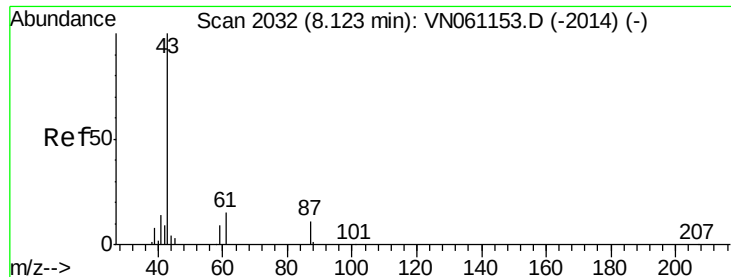
MMDadoda
5/1/2020 10:54:21 AM



#42
1,2-Dichloroethane
Concen: 19.111 ug/l
RT: 8.08 min Scan# 2019
Delta R.T. -0.00 min
Lab File: VN061201.D
Acq: 30 Apr 2020 14:58

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	16.8





#43

Isopropyl Acetate

Concen: 18.946 ug/l

RT: 8.12 min Scan# 2032

Delta R.T. 0.00 min

Lab File: VN061201.D

Acq: 30 Apr 2020 14:58

Instrument :

MSVOA_N

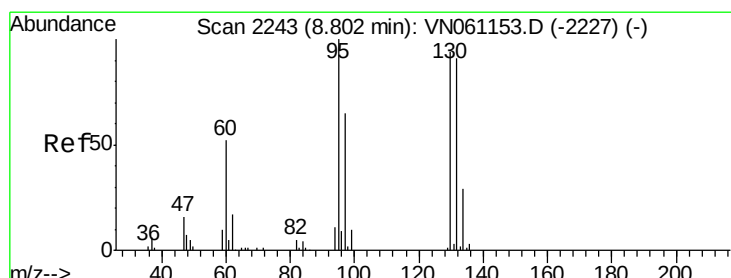
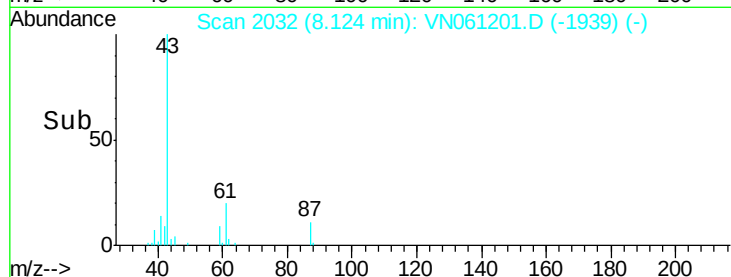
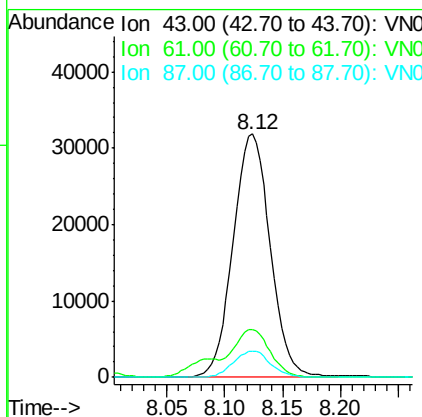
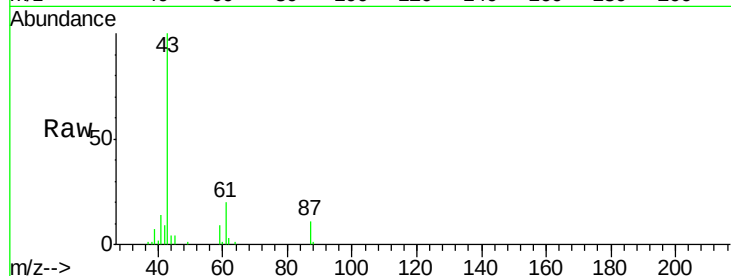
ClientSampleId :

VN0430WBS01

Tot Ion:	43	Resp:	70995
Ion	Ratio	Lower	Upper
43	100		
61	18.9	19.5	29.3#
87	10.7	8.9	13.3

Manual Integrations
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MMDadoda
5/1/2020 10:54:21 AM



#44

Trichloroethene

Concen: 18.164 ug/l

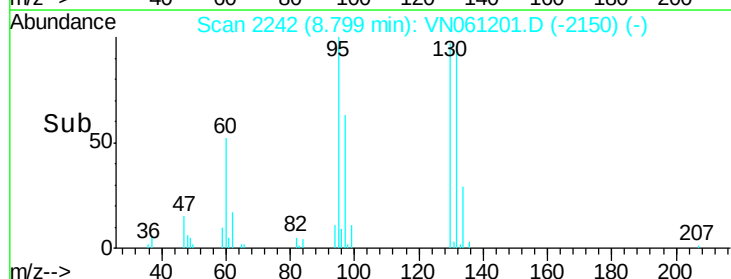
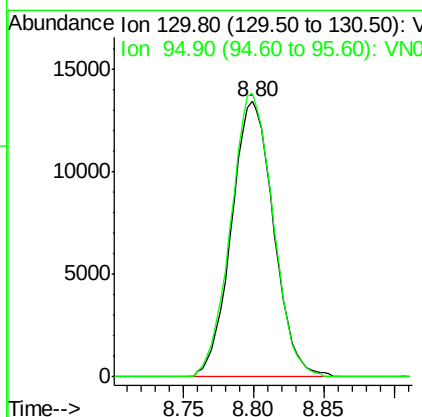
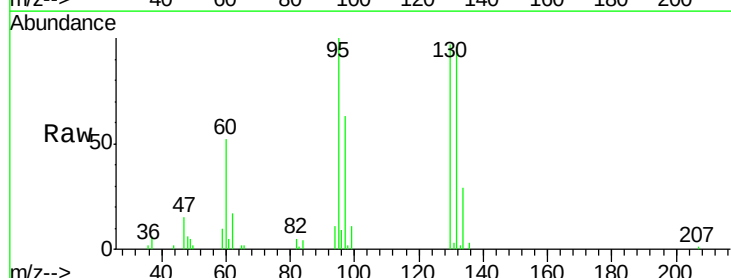
RT: 8.80 min Scan# 2242

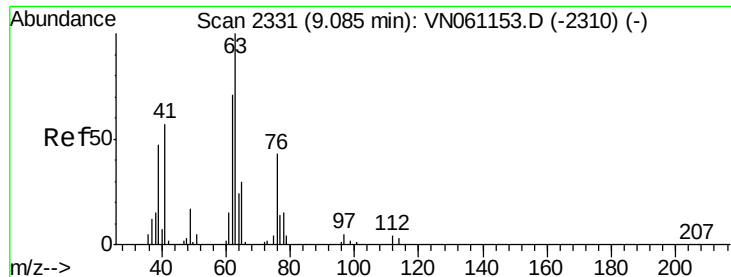
Delta R.T. -0.00 min

Lab File: VN061201.D

Acq: 30 Apr 2020 14:58

Tgt Ion:	130	Resp:	28175
Ion	Ratio	Lower	Upper
130	100		
95	102.9	0.0	212.4





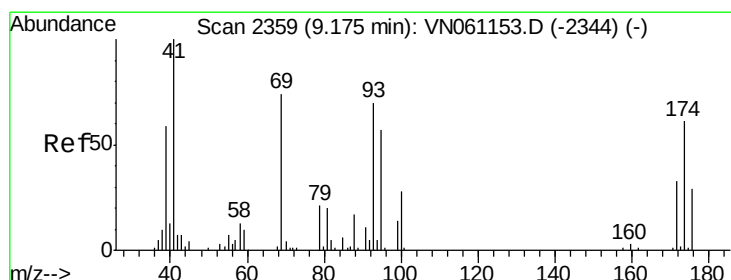
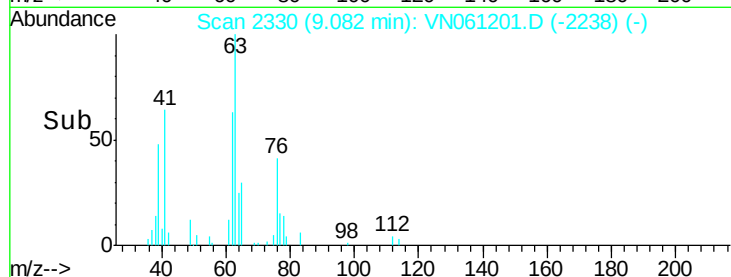
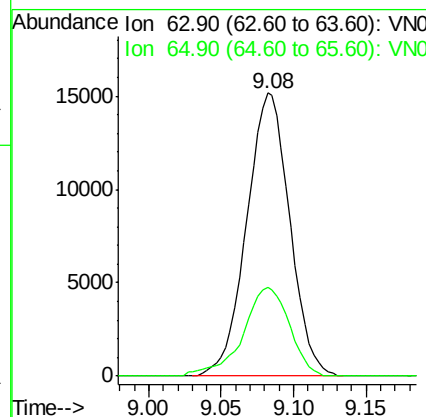
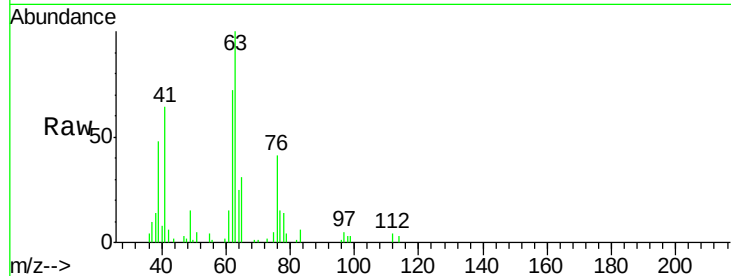
#45
 1,2-Dichloropropane
 Concen: 20.469 ug/l
 RT: 9.08 min Scan# 2330
 Delta R.T. -0.00 min
 Lab File: VN061201.D
 Acq: 30 Apr 2020 14:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0430WBS01

Tot Ion: 63 Resp: 31377
 Ion Ratio Lower Upper
 63 100
 65 31.3 24.7 37.1

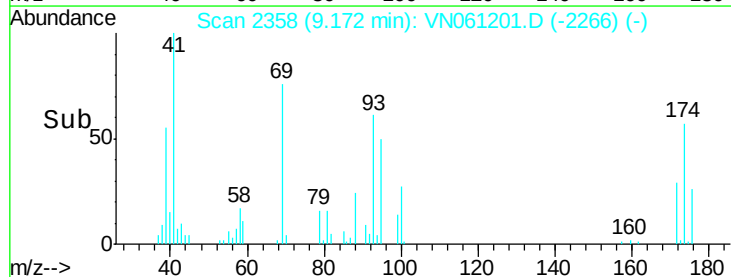
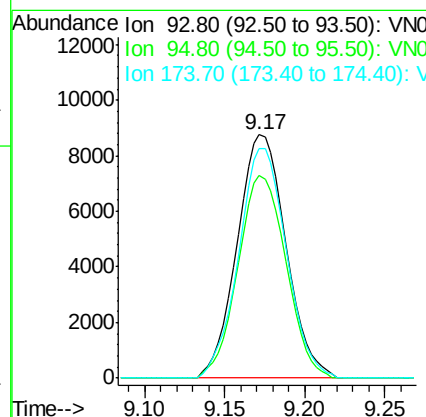
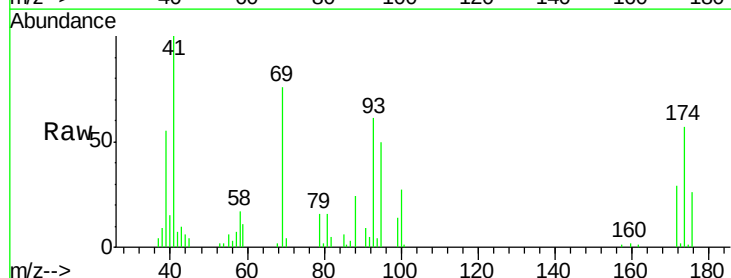
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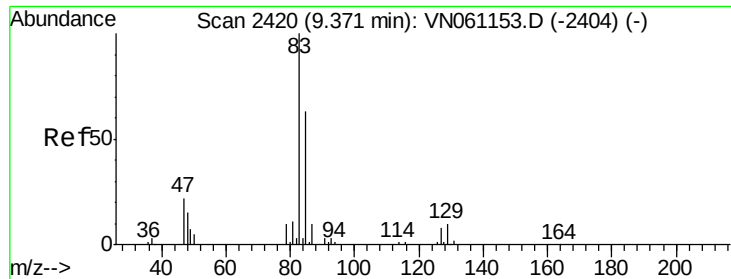
MMDadoda
 5/1/2020 10:54:21 AM



#46
 Dibromomethane
 Concen: 19.188 ug/l
 RT: 9.17 min Scan# 2358
 Delta R.T. -0.00 min
 Lab File: VN061201.D
 Acq: 30 Apr 2020 14:58

Tgt Ion: 93 Resp: 18212
 Ion Ratio Lower Upper
 93 100
 95 82.0 66.6 99.8
 174 92.4 70.2 105.2





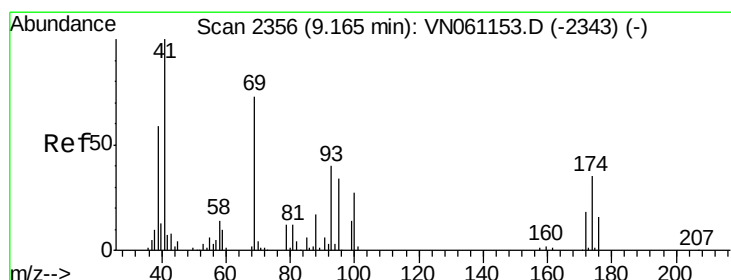
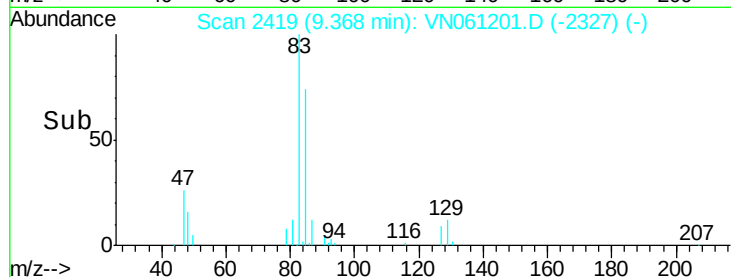
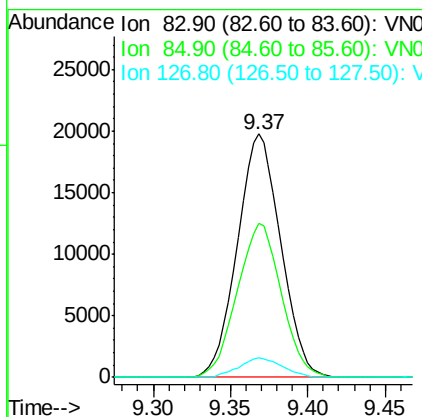
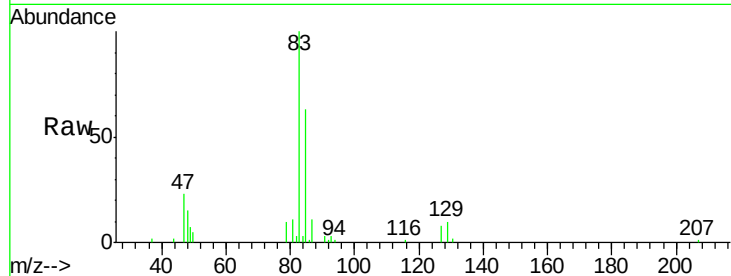
#47
Bromodichloromethane
Concen: 18.898 ug/l
RT: 9.37 min Scan# 2419
Delta R.T. -0.00 min
Lab File: VN061201.D
Acq: 30 Apr 2020 14:58

Instrument :
MSVOA_N
ClientSampled :
VN0430WBS01

Tot Ion	83	Resp	38500
Ion Ratio	100	Lower	Upper
83	100		
85	63.0	50.4	75.6
127	7.9	6.2	9.2

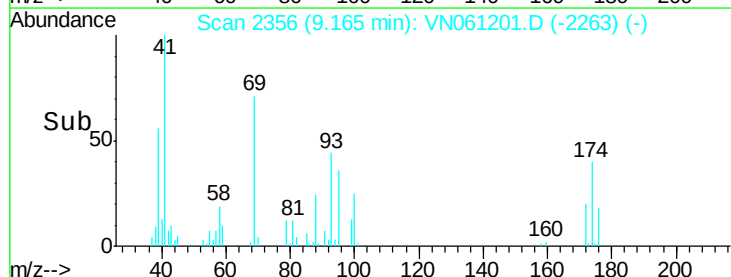
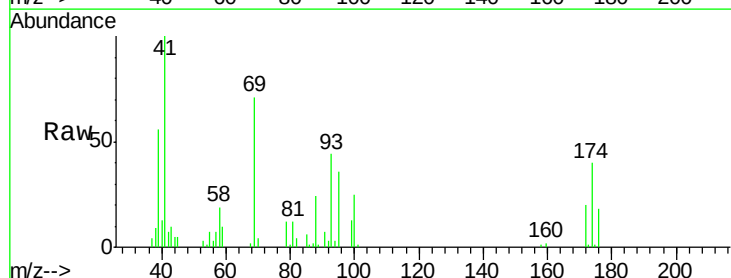
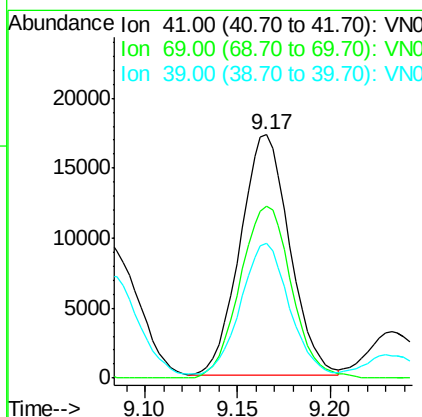
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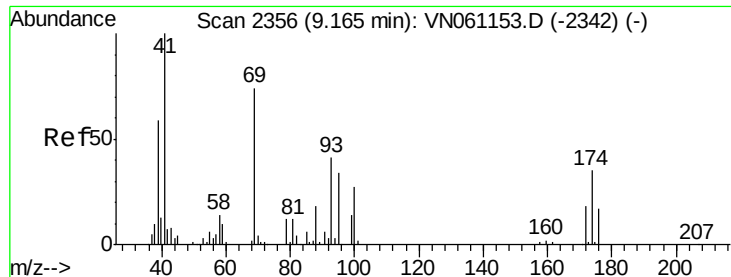
MMDadoda
5/1/2020 10:54:21 AM



#48
Methyl methacrylate
Concen: 18.886 ug/l
RT: 9.17 min Scan# 2356
Delta R.T. 0.00 min
Lab File: VN061201.D
Acq: 30 Apr 2020 14:58

Tgt Ion	41	Resp	31935
Ion Ratio	100	Lower	Upper
41	100		
69	74.5	60.3	90.5
39	56.5	47.4	71.0





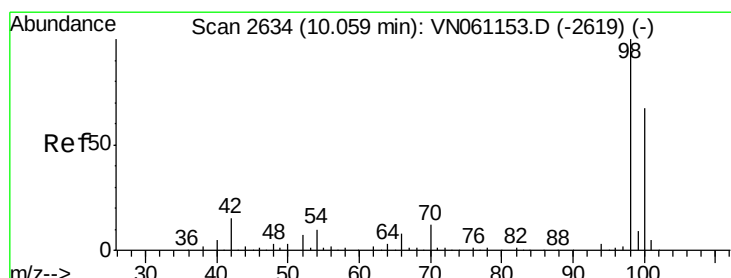
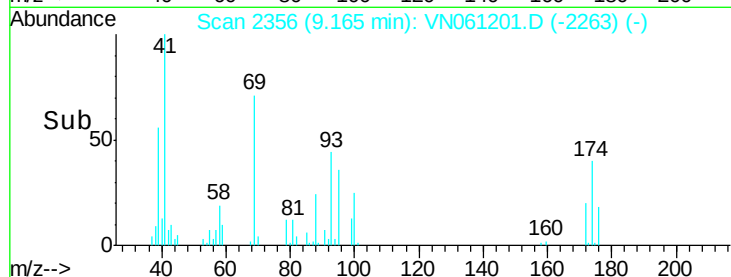
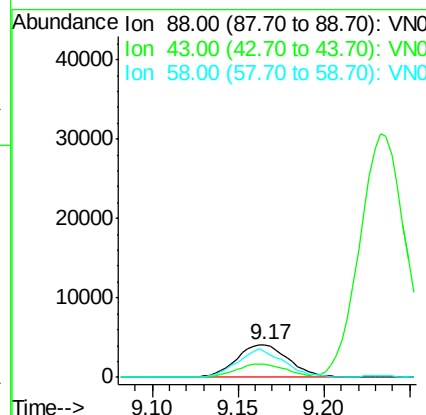
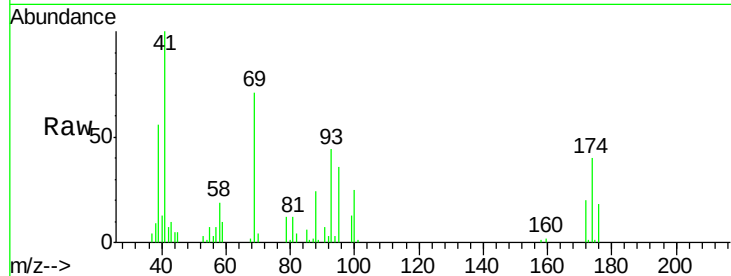
#49
1,4-Dioxane
Concen: 449.148 ug/l
RT: 9.17 min Scan# 2356
Delta R.T. 0.00 min
Lab File: VN061201.D
Acq: 30 Apr 2020 14:58

Instrument :
MSVOA_N
ClientSampleId :
VN0430WBS01

Tot Ion	88	Resp	8621
Ion	Ratio	Lower	Upper
88	100		
43	39.3	35.3	52.9
58	77.5	61.5	92.3

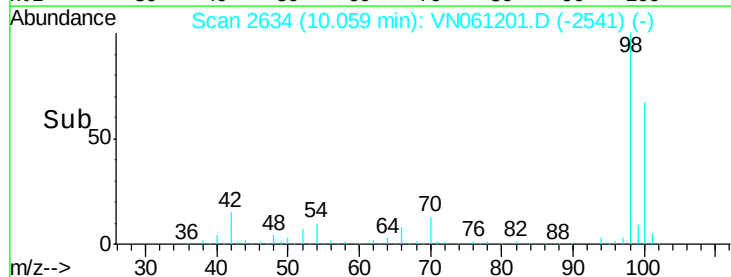
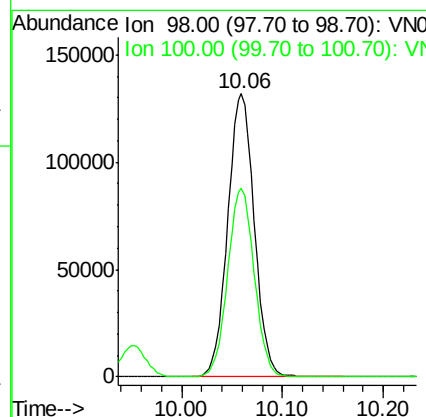
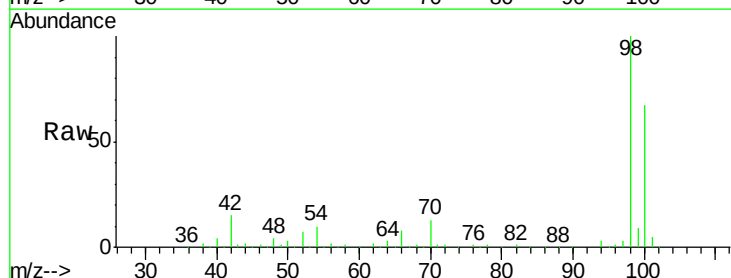
Manual Integrations
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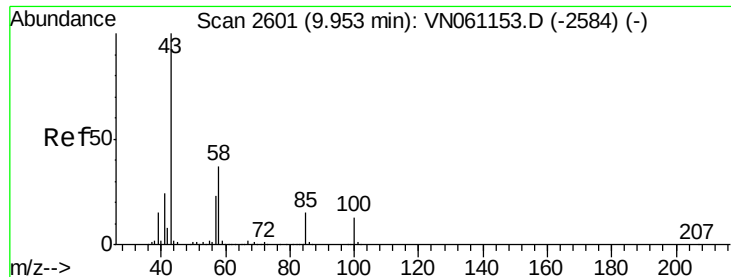
MMDadoda
5/1/2020 10:54:21 AM



#50
Toluene-d8
Concen: 52.320 ug/l
RT: 10.06 min Scan# 2634
Delta R.T. 0.00 min
Lab File: VN061201.D
Acq: 30 Apr 2020 14:58

Tgt Ion	98	Resp	242649
Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.4	80.0





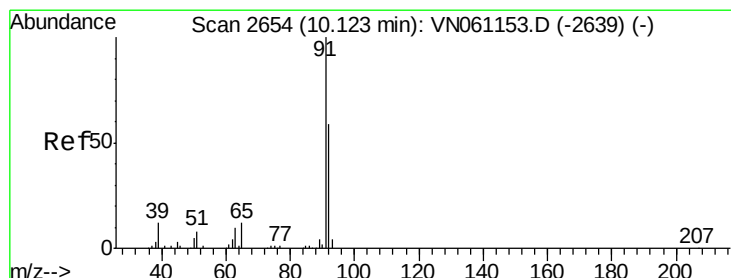
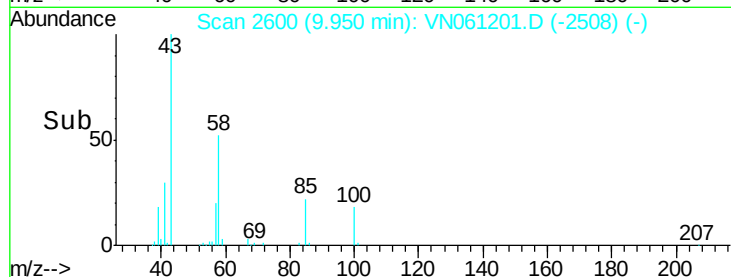
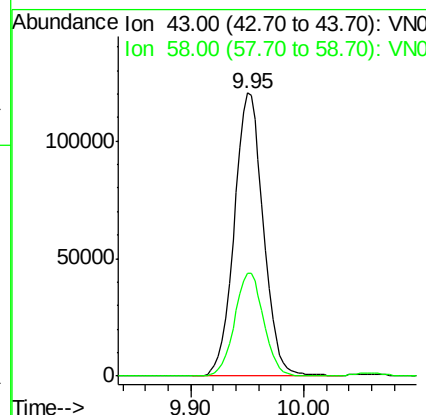
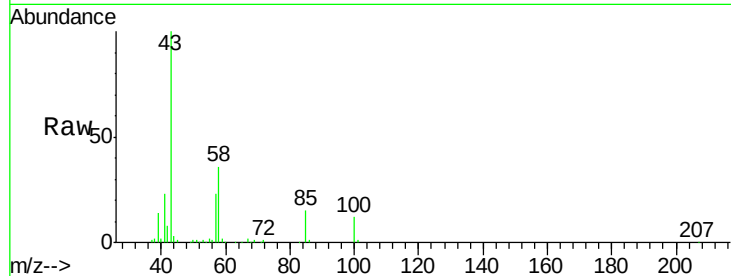
#51
 4-Methyl-2-Pentanone
 Concen: 97.509 ug/l
 RT: 9.95 min Scan# 2600
 Delta R.T. -0.00 min
 Lab File: VN061201.D
 Acq: 30 Apr 2020 14:58

Instrument :
 MSVOA_N
 ClientSampled :
 VN0430WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	36.4	29.1	43.7

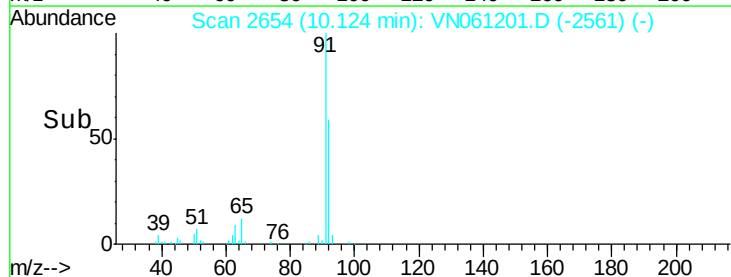
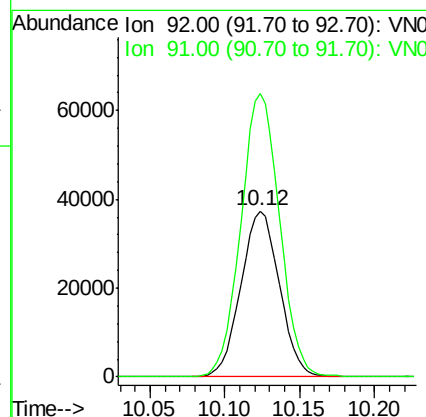
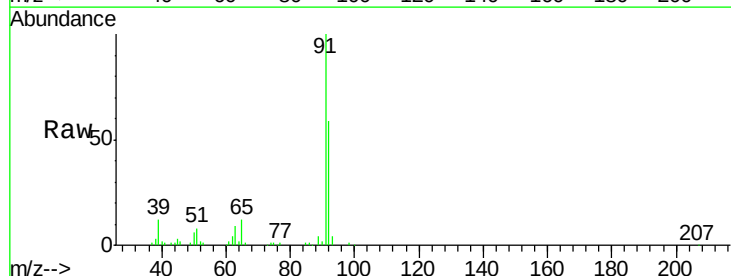
Manual Integrations
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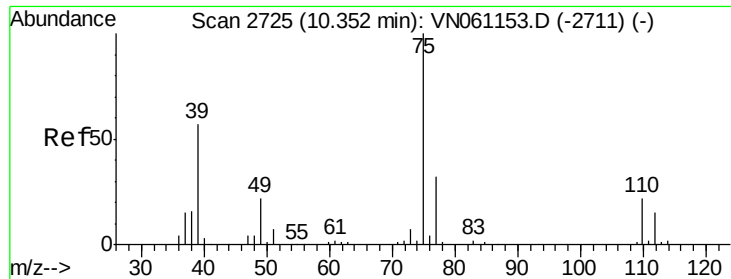
MMDadoda
 5/1/2020 10:54:21 AM



#52
 Toluene
 Concen: 19.405 ug/l
 RT: 10.12 min Scan# 2654
 Delta R.T. 0.00 min
 Lab File: VN061201.D
 Acq: 30 Apr 2020 14:58

Tgt Ion	Ratio	Lower	Upper
92	100		
91	171.8	136.2	204.2





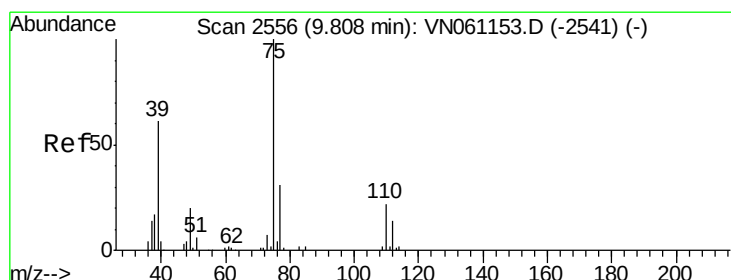
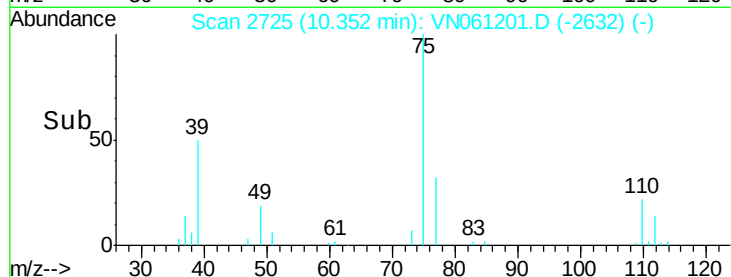
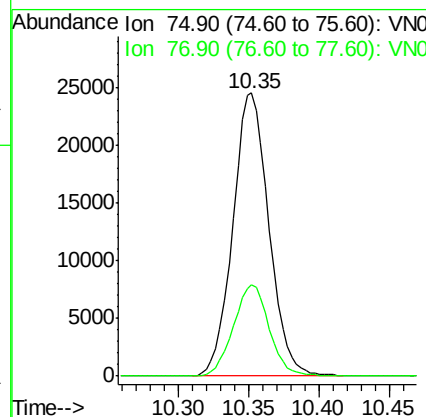
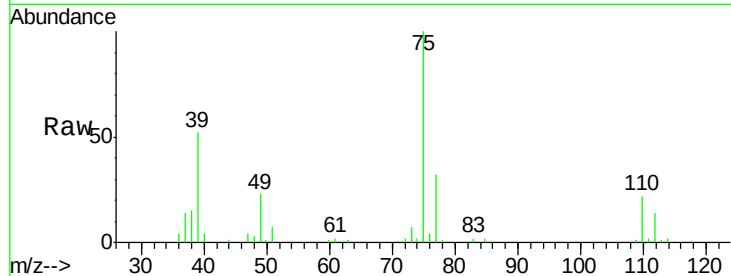
#53
t-1,3-Dichloropropene
Concen: 19.104 ug/l
RT: 10.35 min Scan# 2725
Delta R.T. 0.00 min
Lab File: VN061201.D
Acq: 30 Apr 2020 14:58

Instrument :
MSVOA_N
ClientSampled :
VN0430WBS01

Tot Ion	75	Resp	43855
Ion Ratio	Lower	Upper	
75	100		
77	32.3	25.5	38.3

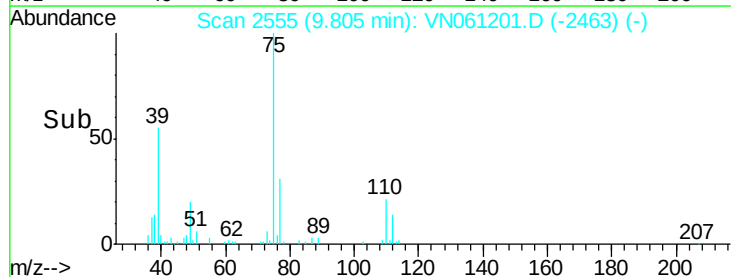
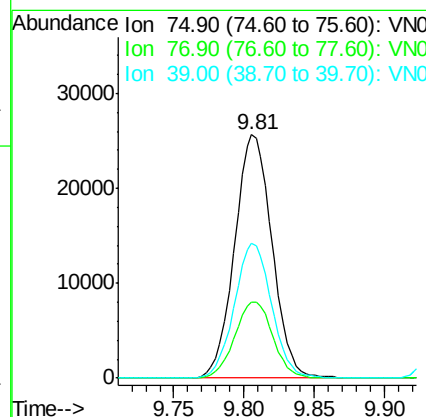
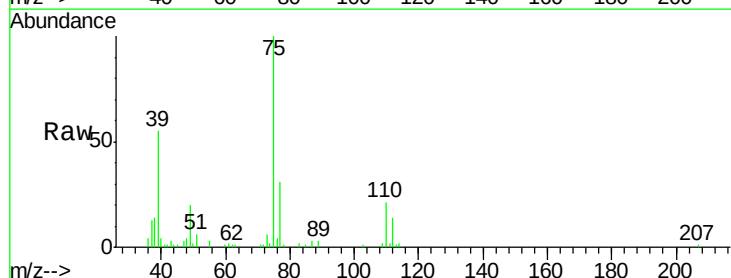
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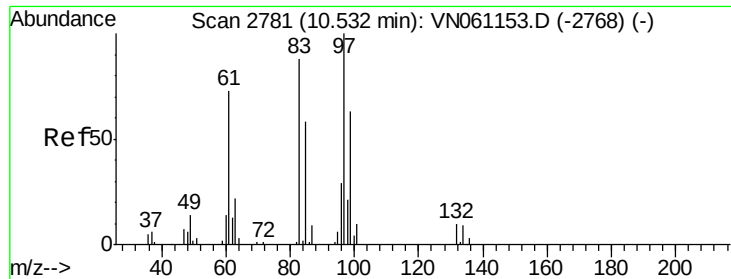
MMDadoda
5/1/2020 10:54:21 AM



#54
cis-1,3-Dichloropropene
Concen: 19.674 ug/l
RT: 9.81 min Scan# 2555
Delta R.T. -0.00 min
Lab File: VN061201.D
Acq: 30 Apr 2020 14:58

Tgt Ion	75	Resp	47747
Ion Ratio	Lower	Upper	
75	100		
77	31.3	25.0	37.4
39	55.4	48.7	73.1





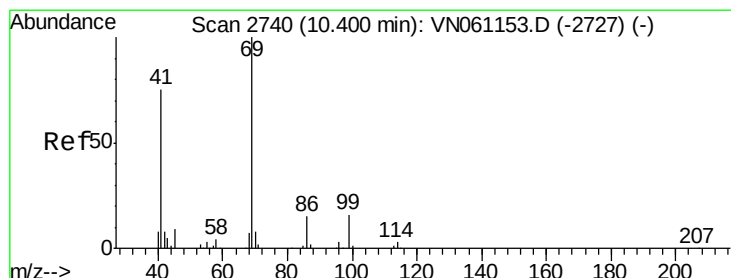
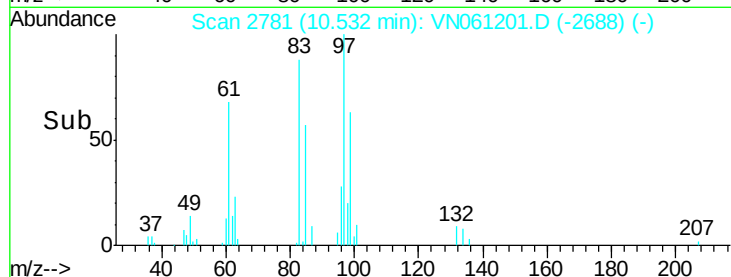
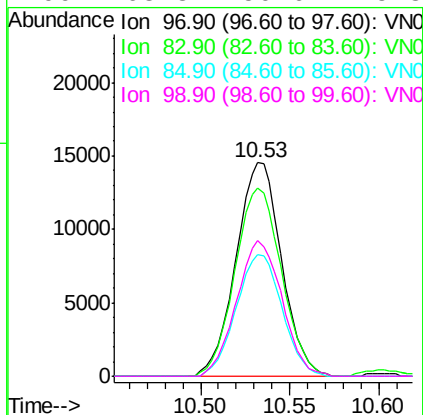
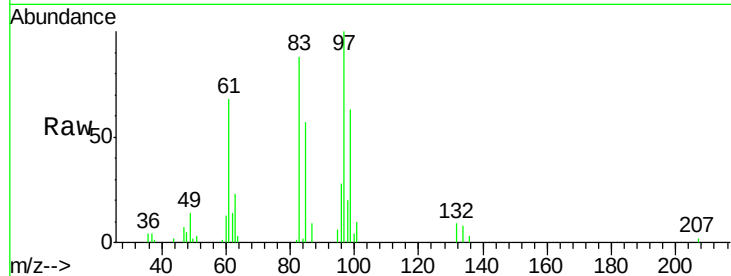
#55
 1,1,2-Trichloroethane
 Concen: 18.789 ug/l
 RT: 10.53 min Scan# 2781
 Delta R.T. 0.00 min
 Lab File: VN061201.D
 Acq: 30 Apr 2020 14:58

Instrument :
 MSVOA_N
 ClientSampled :
 VN0430WBS01

Tot Ion:	97	Resp:	25901
Ion	Ratio	Lower	Upper
97	100		
83	88.2	70.6	106.0
85	56.7	46.4	69.6
99	63.3	50.6	75.8

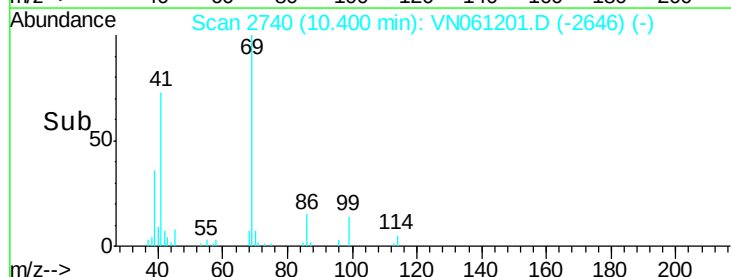
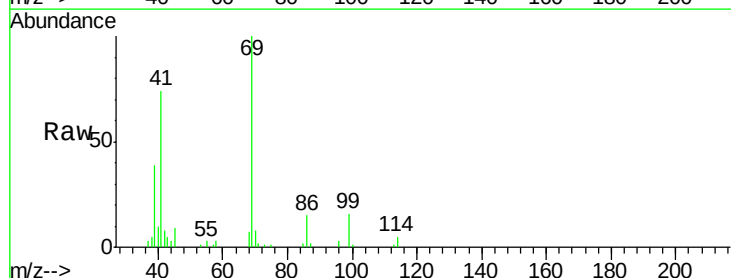
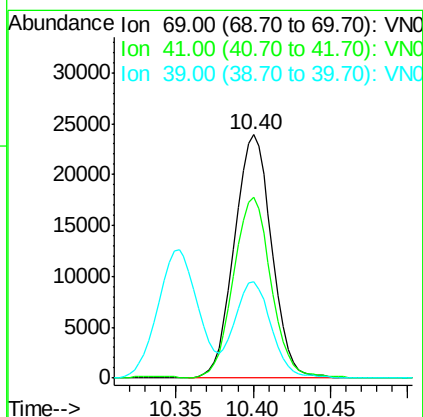
Manual Integrations
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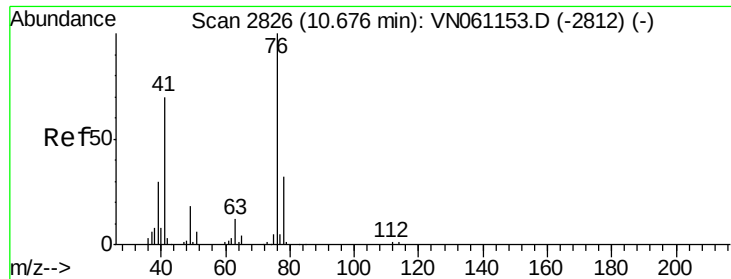
MMDadoda
 5/1/2020 10:54:21 AM



#56
 Ethyl methacrylate
 Concen: 18.511 ug/l
 RT: 10.40 min Scan# 2740
 Delta R.T. 0.00 min
 Lab File: VN061201.D
 Acq: 30 Apr 2020 14:58

Tgt Ion:	69	Resp:	40104
Ion	Ratio	Lower	Upper
69	100		
41	75.3	60.3	90.5
39	39.3	35.9	53.9





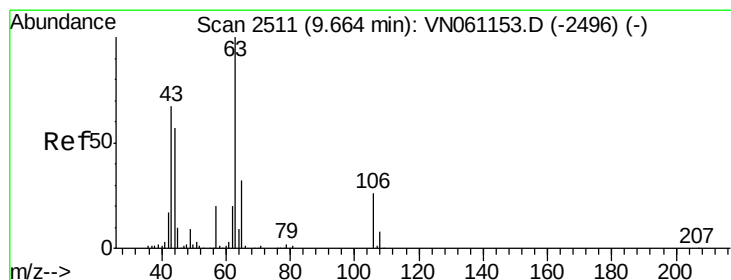
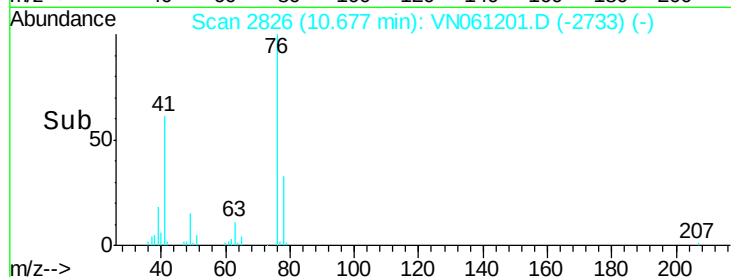
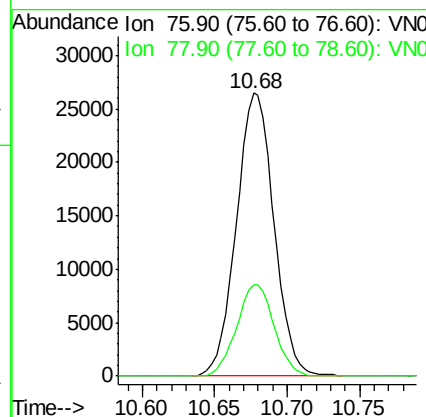
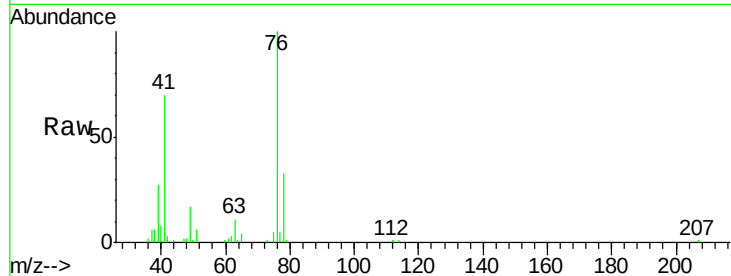
#57
 1,3-Dichloropropane
 Concen: 19.687 ug/l
 RT: 10.68 min Scan# 2826
 Delta R.T. 0.00 min
 Lab File: VN061201.D
 Acq: 30 Apr 2020 14:58

Instrument :
 MSVOA_N
 ClientSampled :
 VN0430WBS01

Tot Ion: 76 Resp: 47705
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.5 38.3

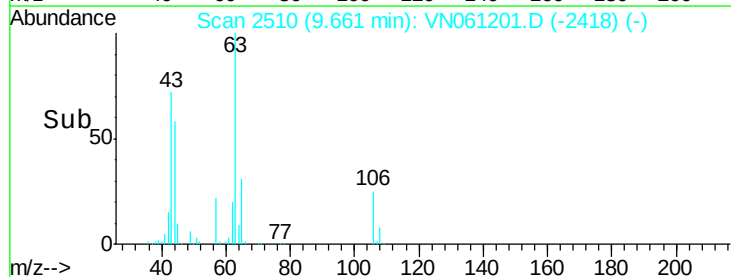
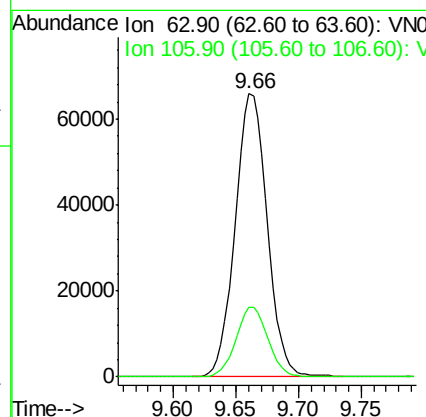
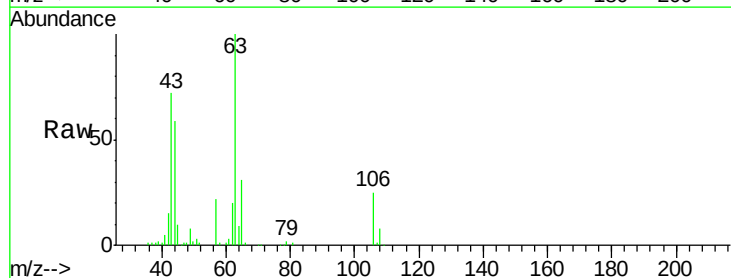
Manual Integrations
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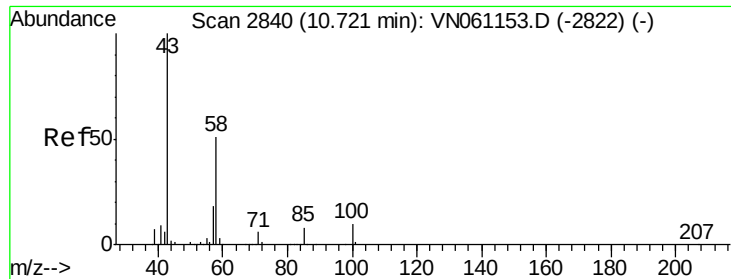
MMDadoda
 5/1/2020 10:54:21 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 104.993 ug/l
 RT: 9.66 min Scan# 2510
 Delta R.T. -0.00 min
 Lab File: VN061201.D
 Acq: 30 Apr 2020 14:58

Tgt Ion: 63 Resp: 117157
 Ion Ratio Lower Upper
 63 100
 106 24.5 20.6 30.8





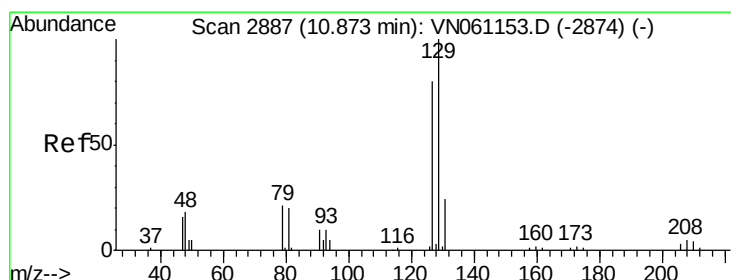
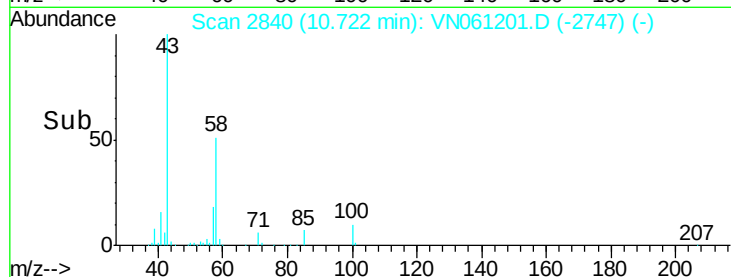
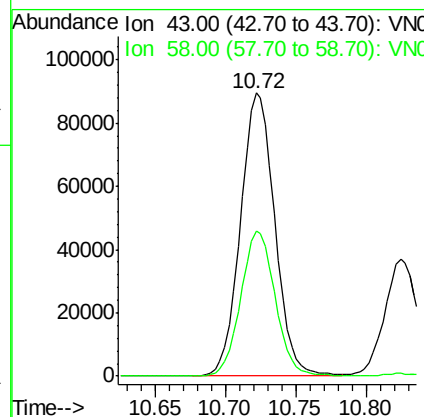
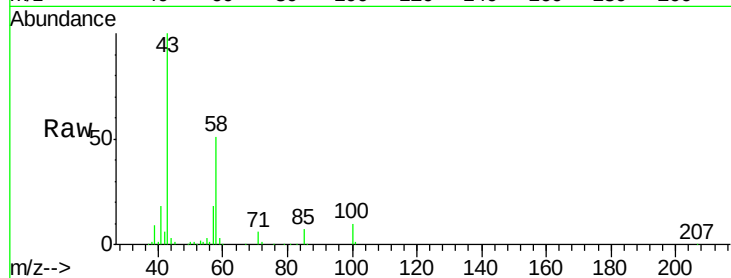
#59
2-Hexanone
Concen: 95.465 ug/l
RT: 10.72 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VN061201.D
Acq: 30 Apr 2020 14:58

Instrument :
MSVOA_N
ClientSampled :
VN0430WBS01

Tot Ion: 43 Resp: 153189
Ion Ratio Lower Upper
43 100
58 51.2 25.4 76.4

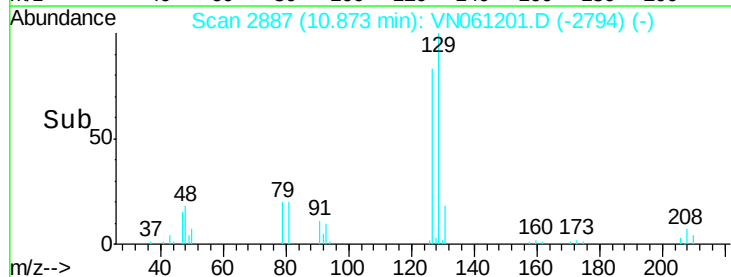
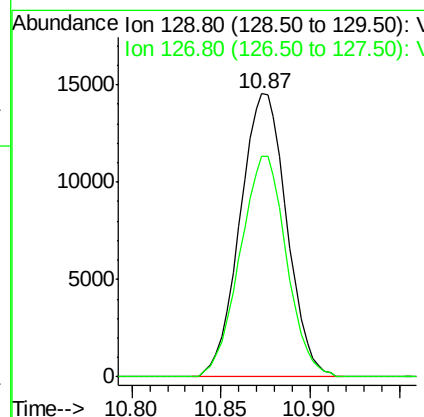
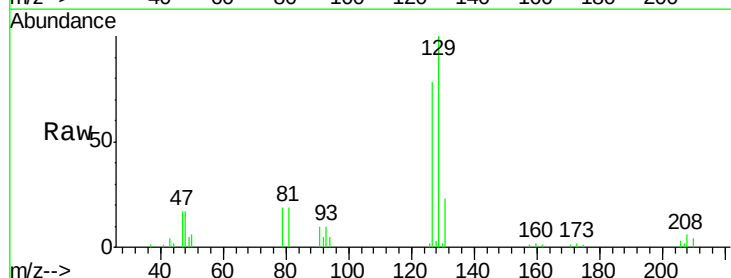
Manual Integrations
APPROVED

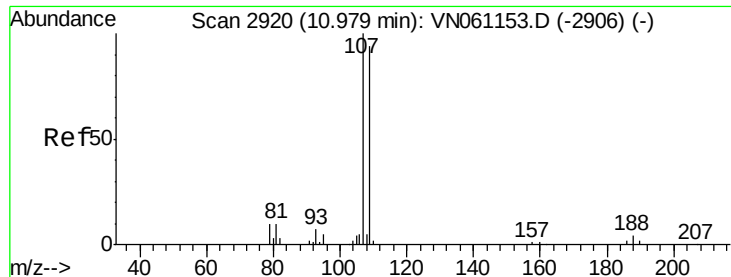
MMDadoda
5/1/2020 10:54:21 AM



#60
Dibromochloromethane
Concen: 18.355 ug/l
RT: 10.87 min Scan# 2887
Delta R.T. 0.00 min
Lab File: VN061201.D
Acq: 30 Apr 2020 14:58

Tgt Ion: 129 Resp: 26501
Ion Ratio Lower Upper
129 100
127 77.5 39.3 117.8





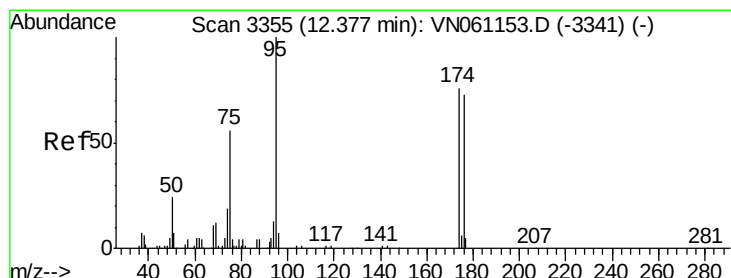
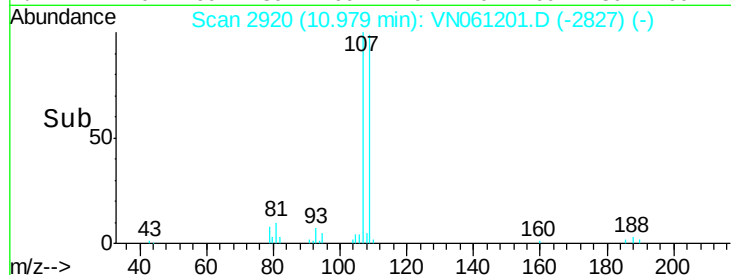
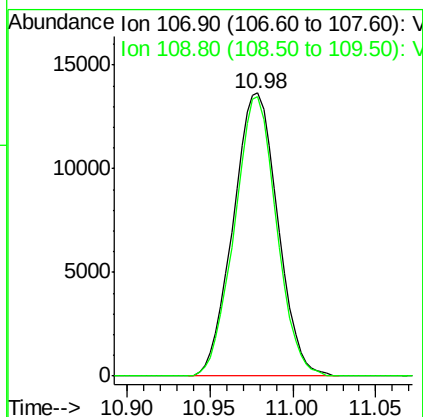
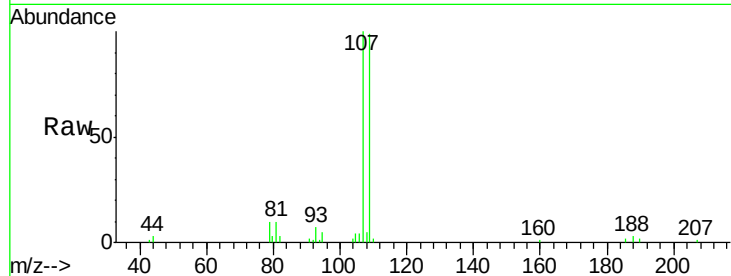
#61
 1,2-Dibromoethane
 Concen: 18.467 ug/l
 RT: 10.98 min Scan# 2920
 Delta R.T. 0.00 min
 Lab File: VN061201.D
 Acq: 30 Apr 2020 14:58

Instrument :
 MSVOA_N
 ClientSampled :
 VN0430WBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.2	74.8	112.2

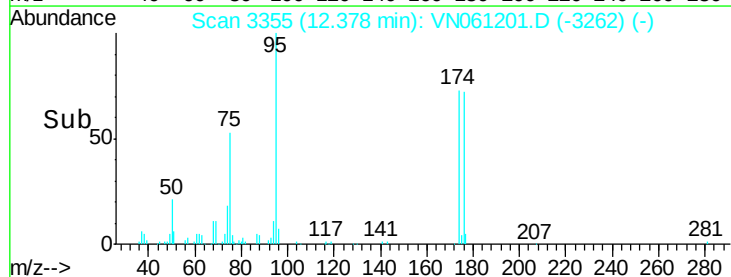
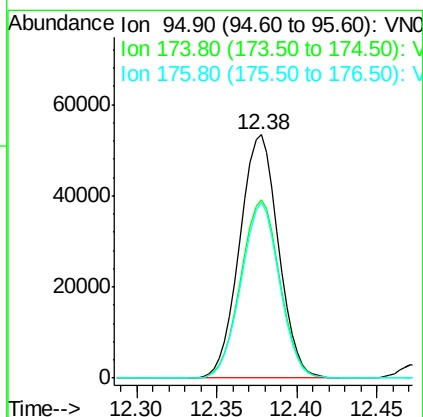
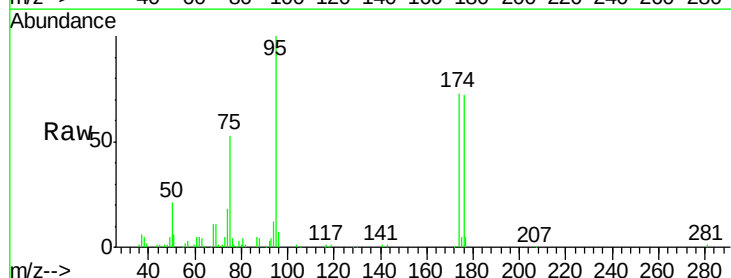
Manual Integrations
 APPROVED

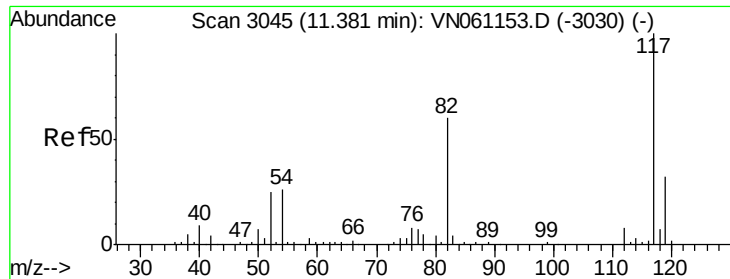
MMDadoda
 5/1/2020 10:54:21 AM



#62
 4-Bromofluorobenzene
 Concen: 50.493 ug/l
 RT: 12.38 min Scan# 3355
 Delta R.T. 0.00 min
 Lab File: VN061201.D
 Acq: 30 Apr 2020 14:58

Tgt Ion	Ratio	Lower	Upper
95	100		
174	73.9	0.0	149.4
176	71.2	0.0	144.8





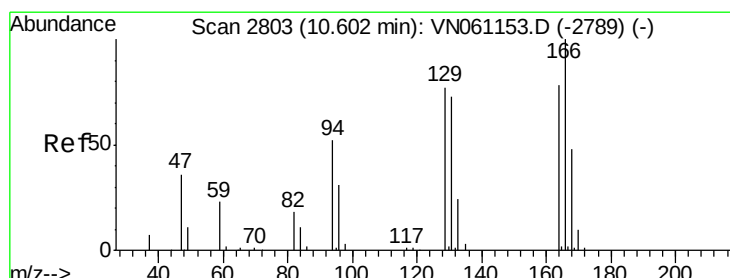
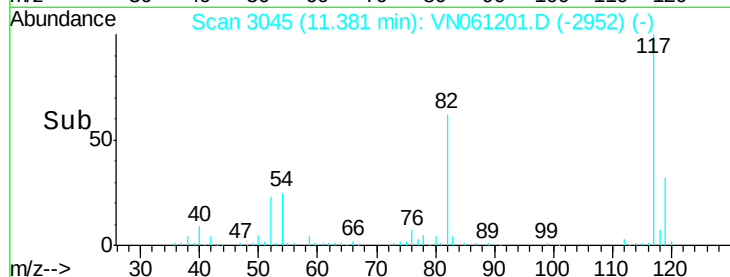
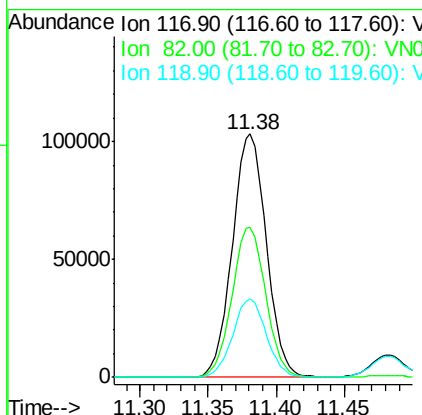
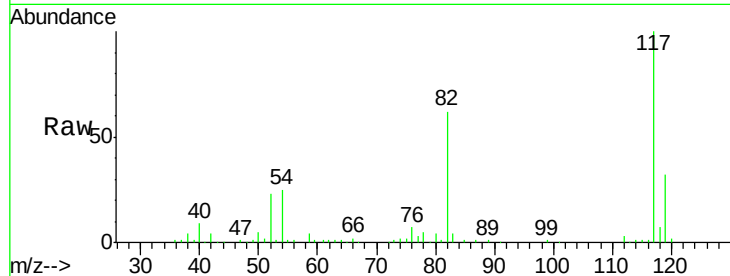
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 3045
Delta R.T. 0.00 min
Lab File: VN061201.D
Acq: 30 Apr 2020 14:58

Instrument :
MSVOA_N
ClientSampled :
VN0430WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	61.9	47.8	71.8
119	32.2	25.8	38.6

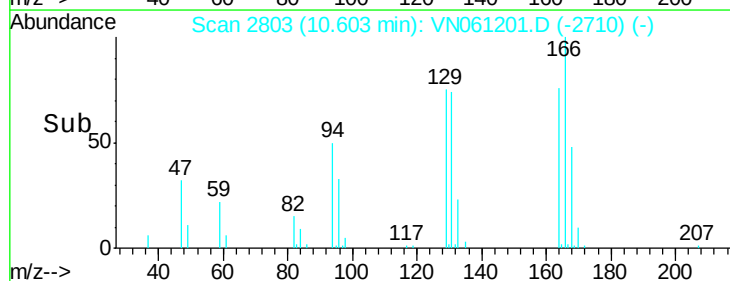
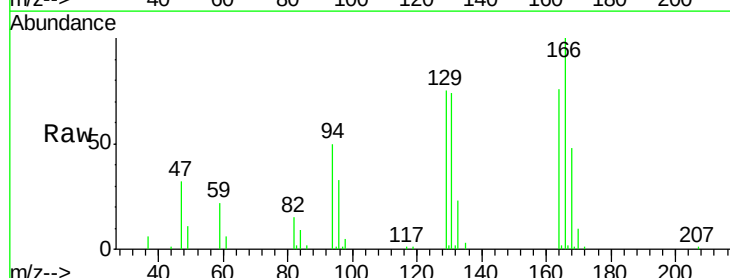
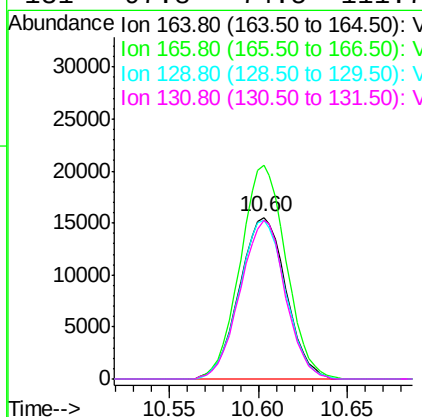
Manual Integrations
APPROVED

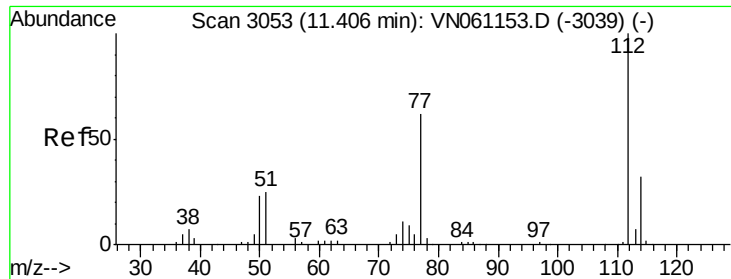
MMDadoda
5/1/2020 10:54:21 AM



#64
Tetrachloroethene
Concen: 18.268 ug/l
RT: 10.60 min Scan# 2803
Delta R.T. 0.00 min
Lab File: VN061201.D
Acq: 30 Apr 2020 14:58

Tgt Ion	Ratio	Lower	Upper
164	100		
166	132.0	102.0	153.0
129	98.4	78.2	117.2
131	97.8	74.5	111.7





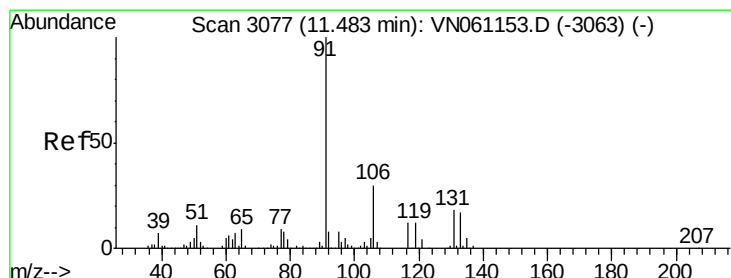
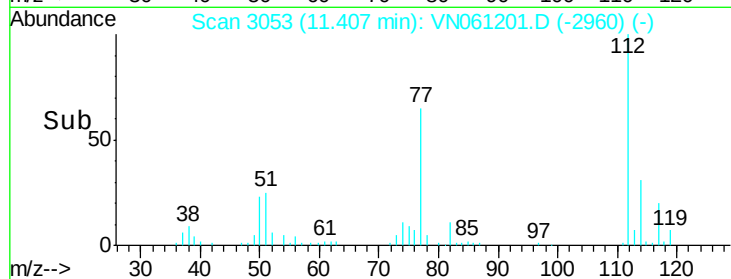
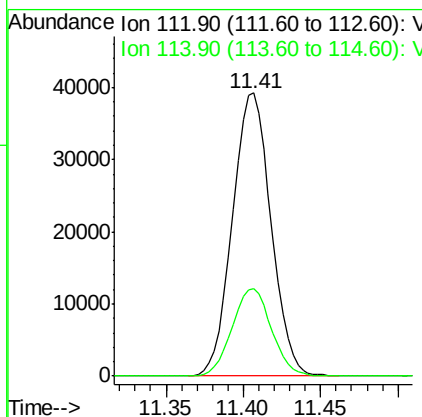
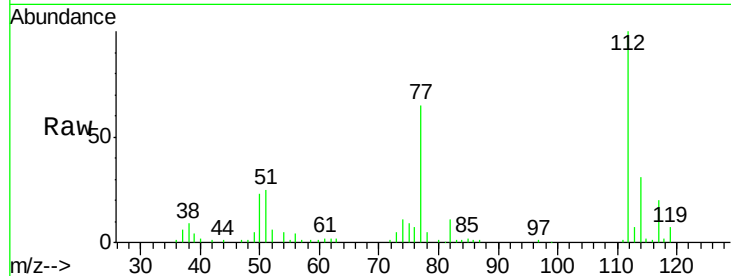
#65
Chlorobenzene
Concen: 19.108 ug/l
RT: 11.41 min Scan# 3053
Delta R.T. 0.00 min
Lab File: VN061201.D
Acq: 30 Apr 2020 14:58

Instrument :
MSVOA_N
ClientSampled :
VN0430WBS01

Tot Ion:112 Resp: 67768
Ion Ratio Lower Upper
112 100
114 30.9 25.4 38.2

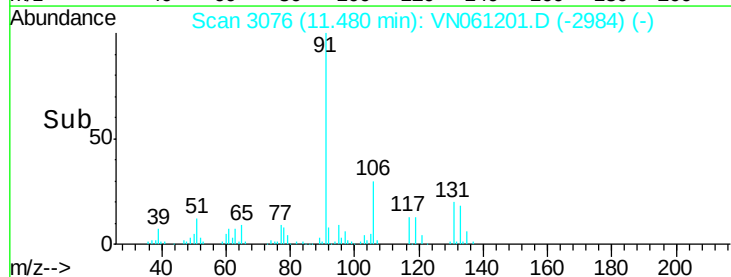
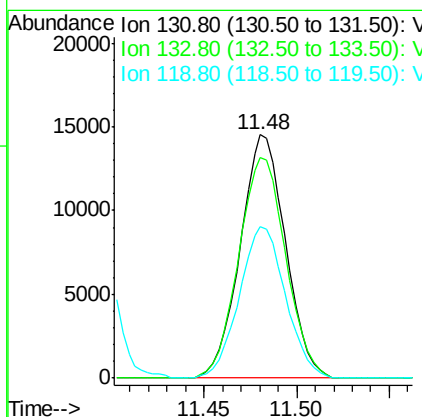
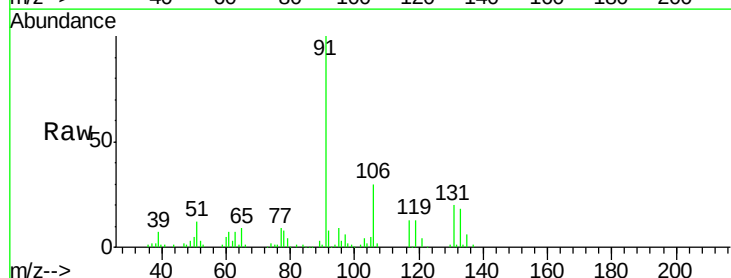
Manual Integrations
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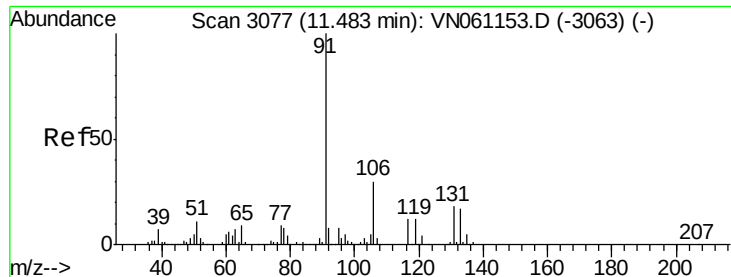
MMDadoda
5/1/2020 10:54:21 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 19.432 ug/l
RT: 11.48 min Scan# 3076
Delta R.T. -0.00 min
Lab File: VN061201.D
Acq: 30 Apr 2020 14:58

Tgt Ion:131 Resp: 24666
Ion Ratio Lower Upper
131 100
133 94.5 48.0 144.2
119 63.6 32.6 97.8





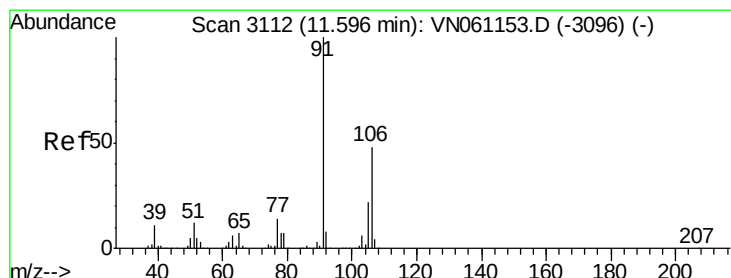
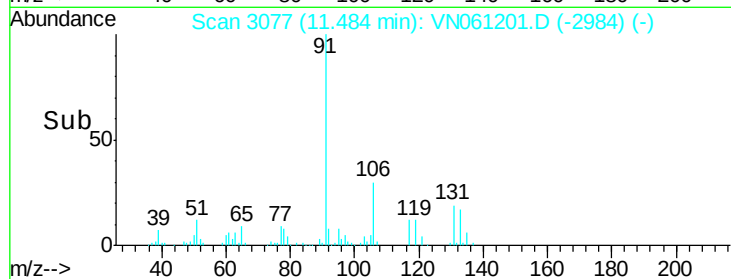
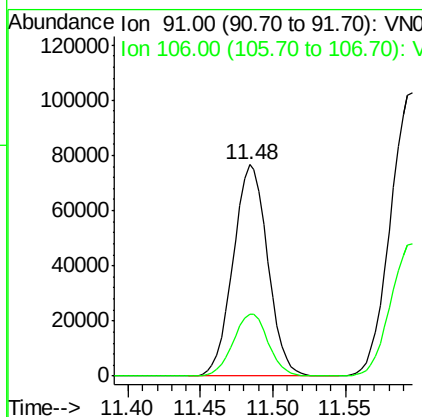
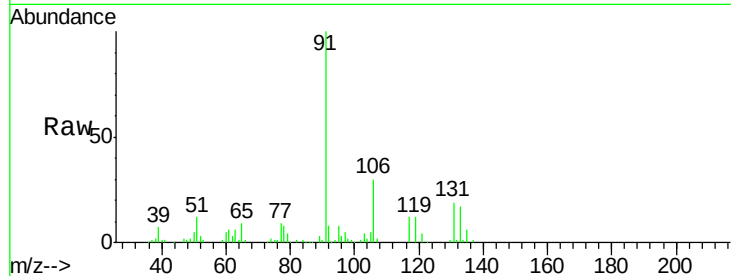
#67
Ethyl Benzene
Concen: 19.126 ug/l
RT: 11.48 min Scan# 3077
Delta R.T. 0.00 min
Lab File: VN061201.D
Acq: 30 Apr 2020 14:58

Instrument :
MSVOA_N
ClientSampled :
VN0430WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100		126982		
106	29.6		23.8	35.6	

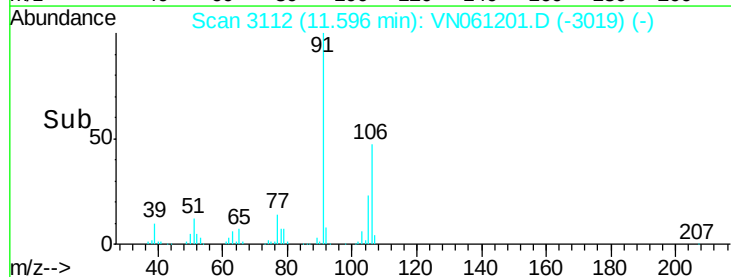
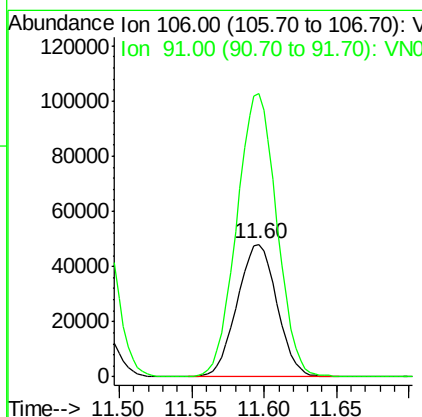
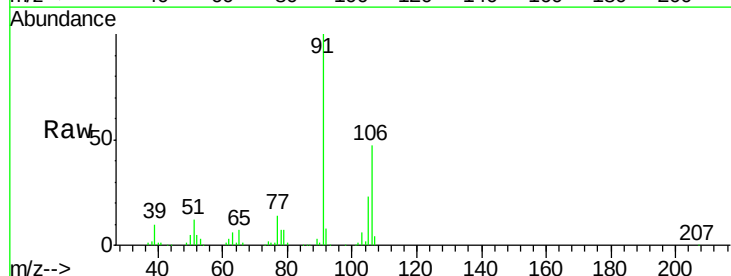
Manual Integrations
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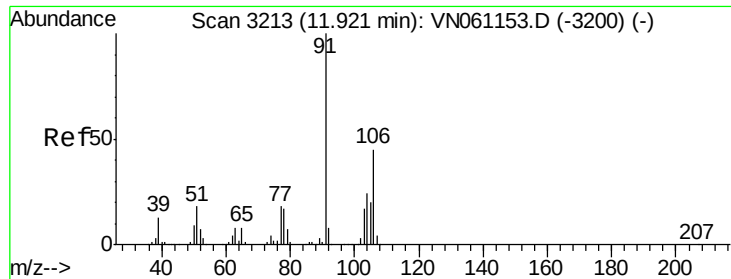
MMDadoda
5/1/2020 10:54:21 AM



#68
m/p-Xylenes
Concen: 37.834 ug/l
RT: 11.60 min Scan# 3112
Delta R.T. 0.00 min
Lab File: VN061201.D
Acq: 30 Apr 2020 14:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
106	100		91941		
91	214.7		166.4	249.6	





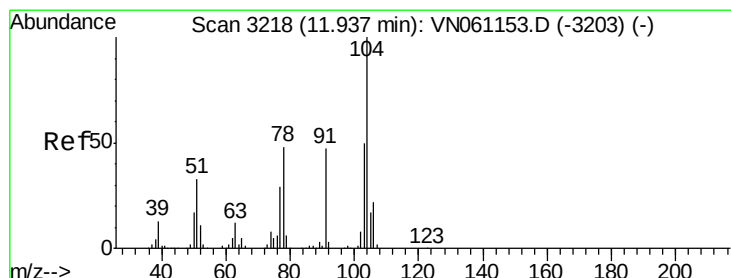
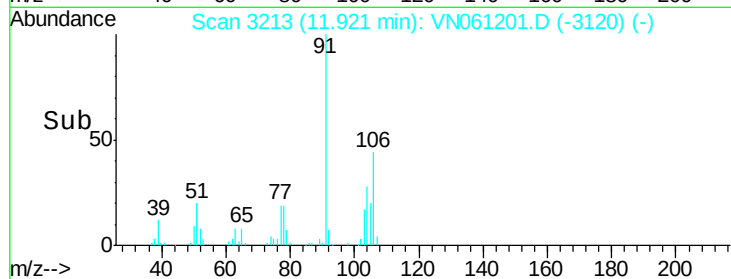
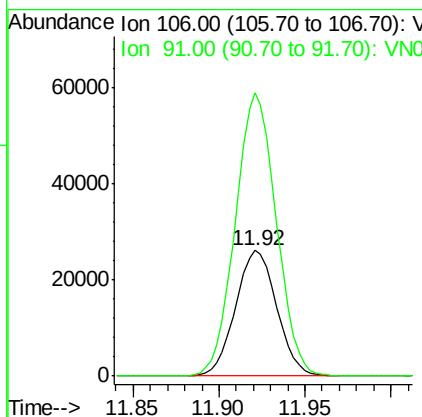
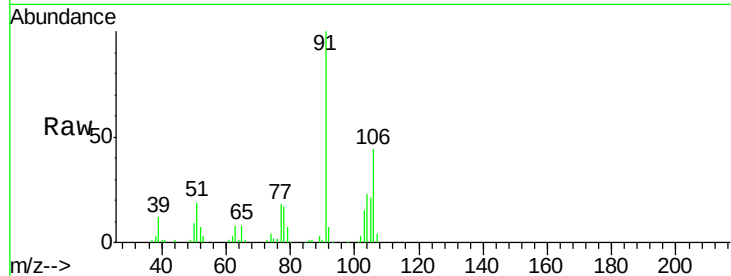
#69
o-Xylene
Concen: 18.657 ug/l
RT: 11.92 min Scan# 3213
Delta R.T. 0.00 min
Lab File: VN061201.D
Acq: 30 Apr 2020 14:58

Instrument :
MSVOA_N
ClientSampleId :
VN0430WBS01

Tot Ion	Ion	Ratio	Lower	Upper
106	106	100		
91	91	223.4	109.7	329.0

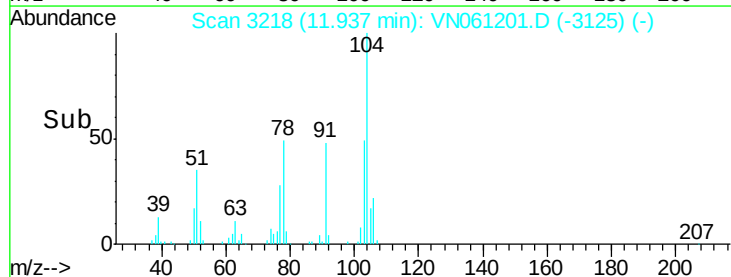
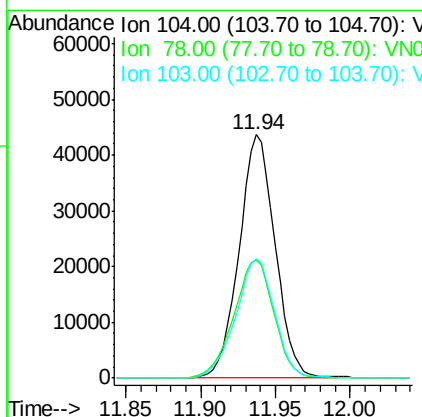
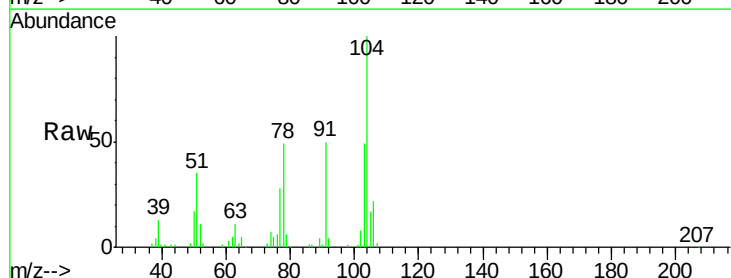
Manual Integrations
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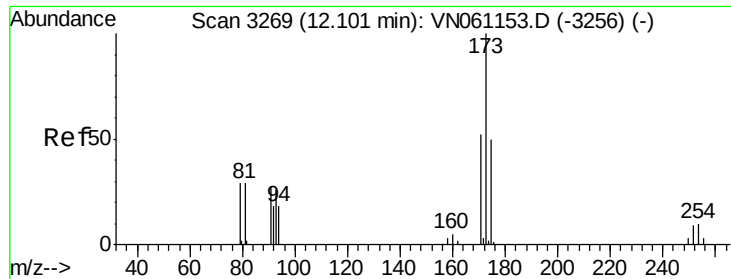
MMDadoda
5/1/2020 10:54:21 AM



#70
Styrene
Concen: 18.733 ug/l
RT: 11.94 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN061201.D
Acq: 30 Apr 2020 14:58

Tgt Ion	Ion	Ratio	Lower	Upper
104	104	100		
78	78	53.8	42.1	63.1
103	103	53.3	43.3	64.9





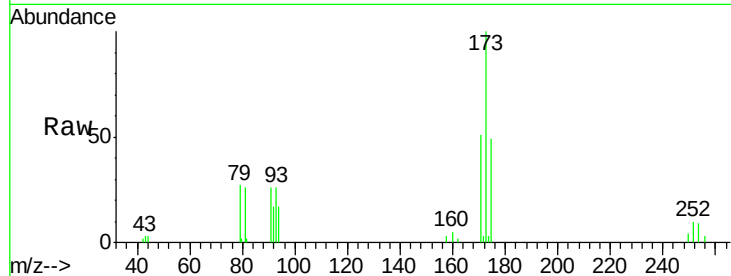
#71
Bromoform
Concen: 18.859 ug/l
RT: 12.10 min Scan# 3269
Delta R.T. 0.00 min
Lab File: VN061201.D
Acq: 30 Apr 2020 14:58

Instrument :
MSVOA_N
ClientSampled :
VN0430WBS01

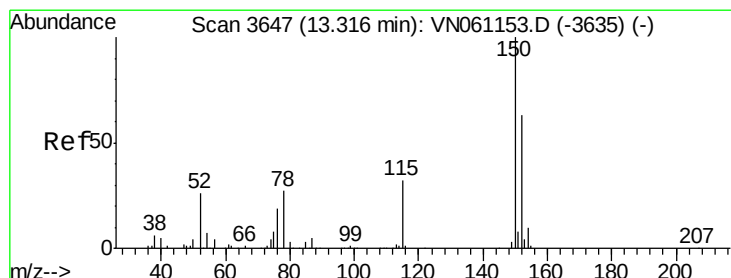
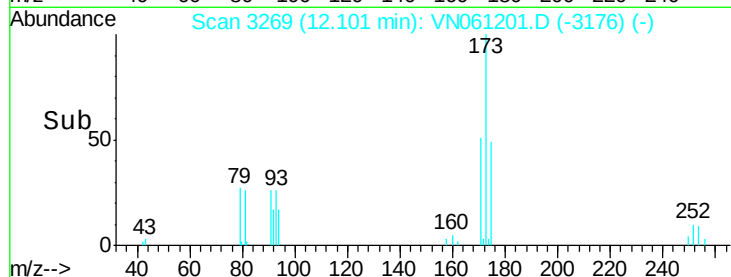
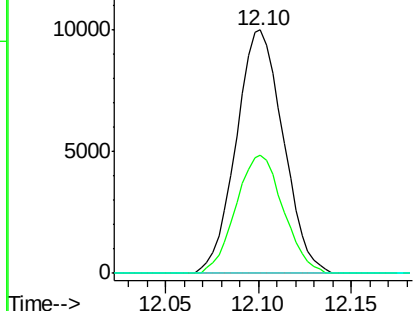
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.8	24.1	72.4
254	0.0	0.0	0.0

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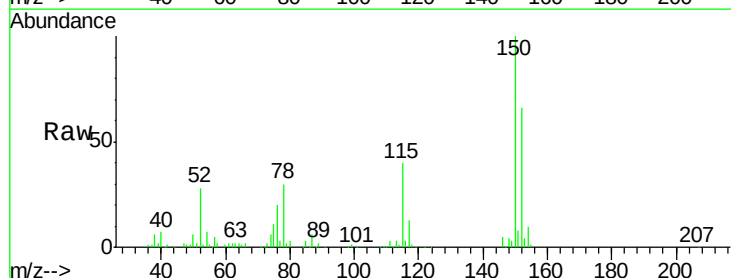


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

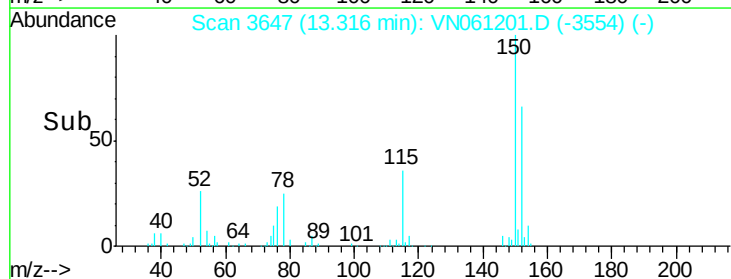
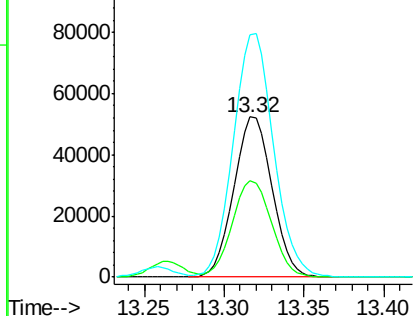


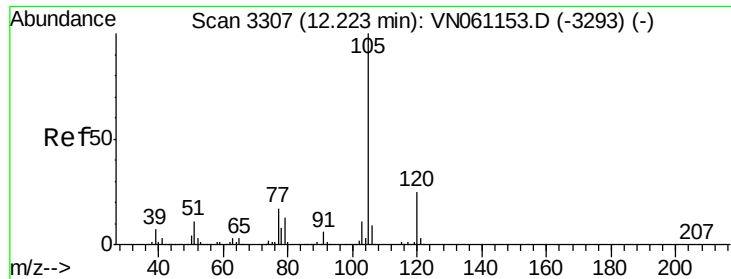
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3647
Delta R.T. 0.00 min
Lab File: VN061201.D
Acq: 30 Apr 2020 14:58

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.8	31.0	93.0
150	160.3	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





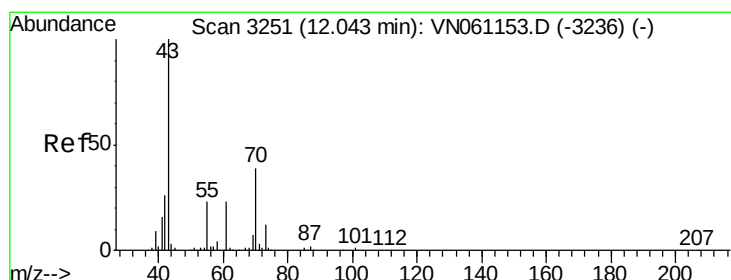
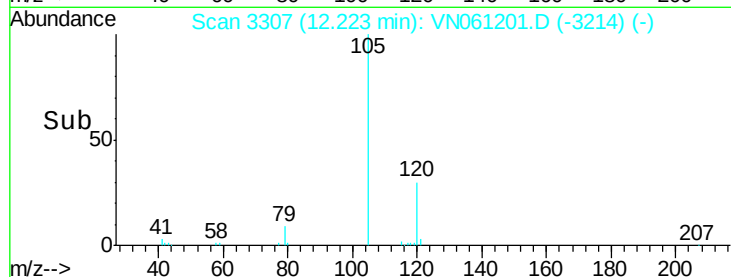
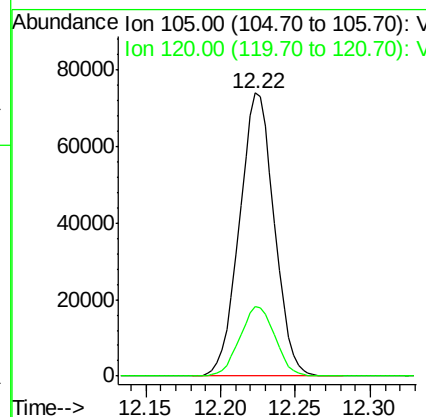
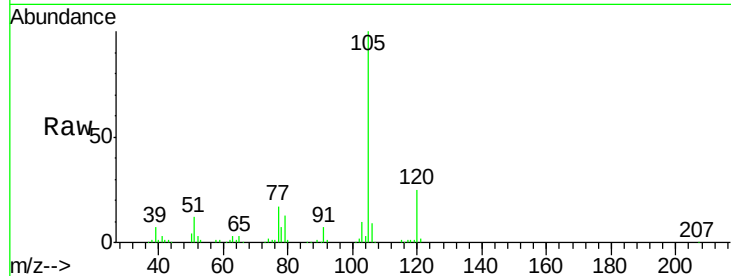
#73
Isopropylbenzene
Concen: 19.133 ug/l
RT: 12.22 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN061201.D
Acq: 30 Apr 2020 14:58

Instrument :
MSVOA_N
ClientSampleId :
VN0430WBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	24.9	12.6	37.8

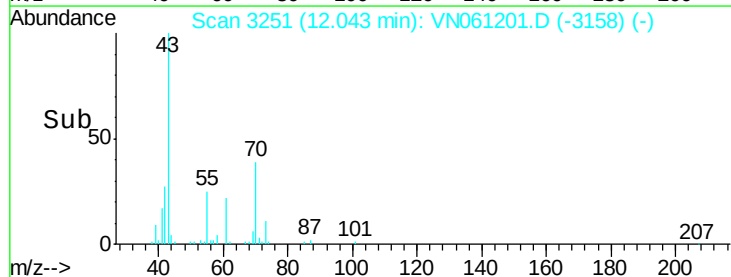
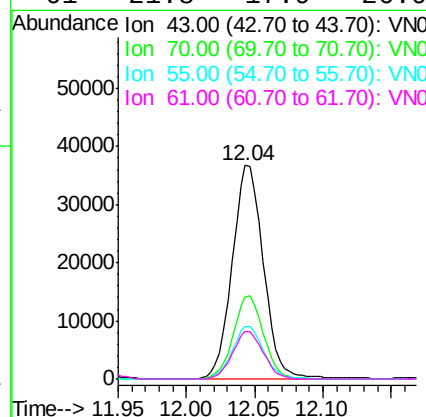
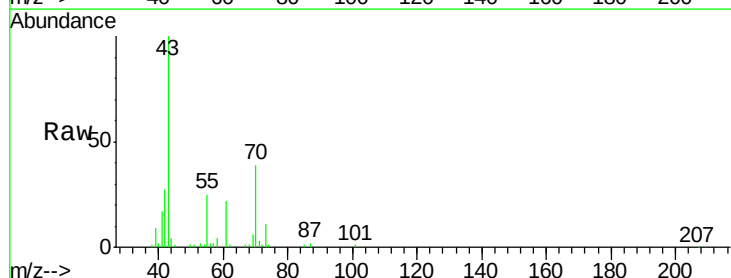
Manual Integrations
APPROVED

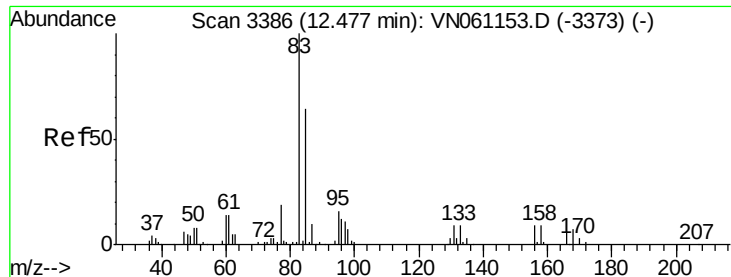
MMDadoda
5/1/2020 10:54:21 AM



#74
N-ethyl acetate
Concen: 18.490 ug/l
RT: 12.04 min Scan# 3251
Delta R.T. 0.00 min
Lab File: VN061201.D
Acq: 30 Apr 2020 14:58

Tgt Ion	Ratio	Lower	Upper
43	100		
70	37.7	30.6	46.0
55	24.6	18.5	27.7
61	21.8	17.9	26.9





#75

1,1,2,2-Tetrachloroethane

Concen: 19.541 ug/l

RT: 12.48 min Scan# 3386

Delta R.T. 0.00 min

Lab File: VN061201.D

Acq: 30 Apr 2020 14:58

Instrument :

MSVOA_N

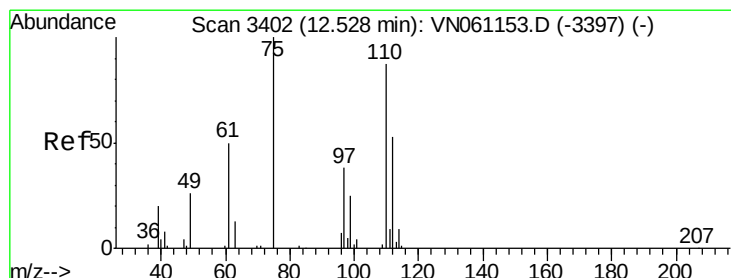
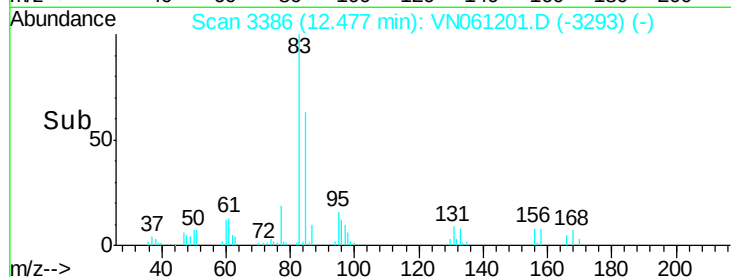
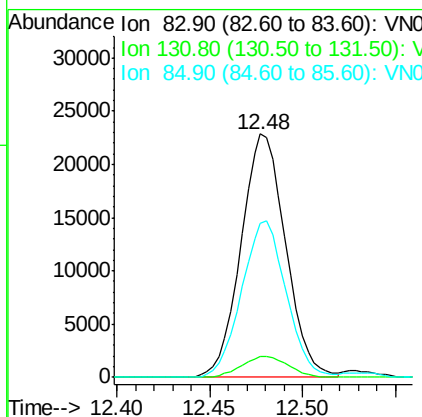
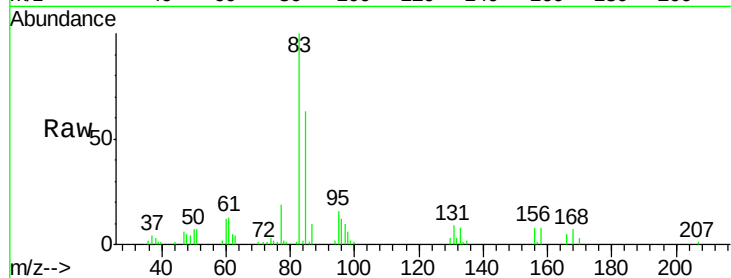
ClientSampled :

VN0430WBS01

Tot Ion:	83	Resp:	38163
Ion Ratio	Lower	Upper	
83	100		
131	8.9	4.8	14.3
85	64.1	32.0	96.0

Manual Integrations
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5/1/2020 10:54:21 AM



#76

1,2,3-Trichloropropane

Concen: 19.541 ug/l m

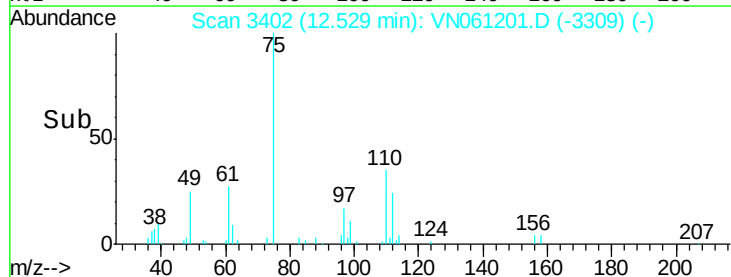
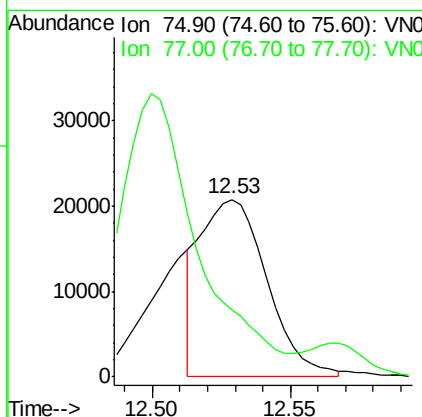
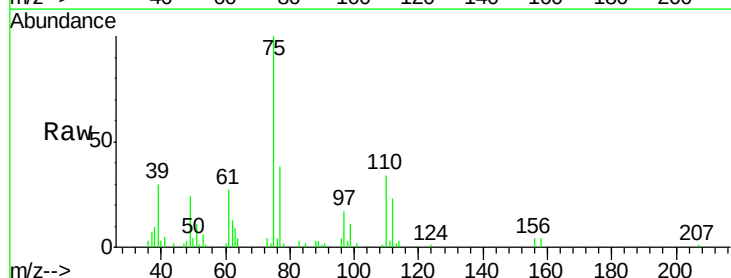
RT: 12.53 min Scan# 3402

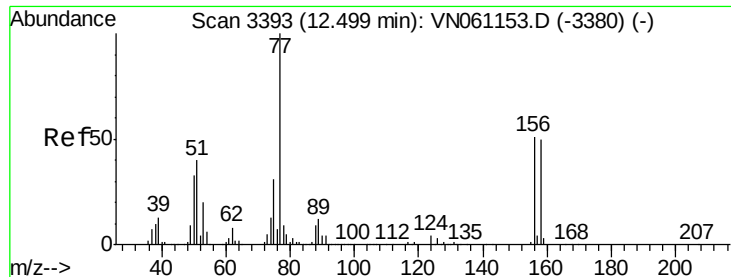
Delta R.T. 0.00 min

Lab File: VN061201.D

Acq: 30 Apr 2020 14:58

Tgt Ion:	75	Resp:	35099
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.245 ug/l

RT: 12.50 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN061201.D

Acq: 30 Apr 2020 14:58

Instrument :

MSVOA_N

ClientSampled :

VN0430WBS01

Tot Ion:156 Resp: 27825

Ion Ratio Lower Upper

156 100

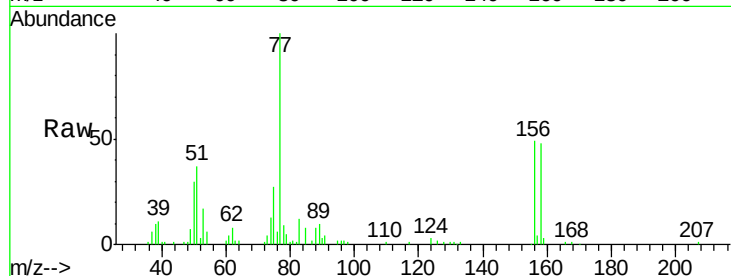
77 241.6 117.4 352.2

158 96.8 48.4 145.0

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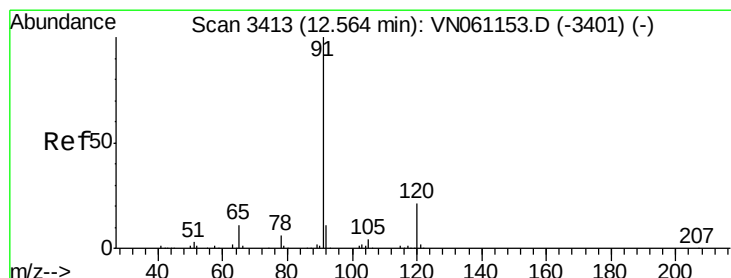
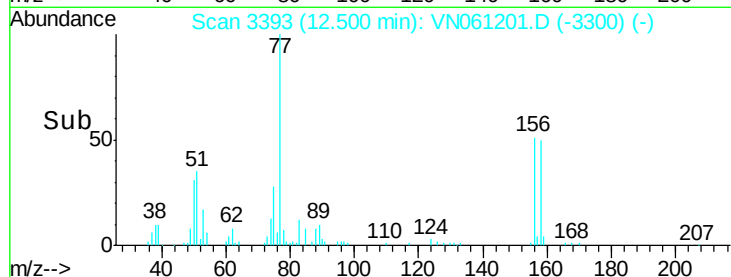
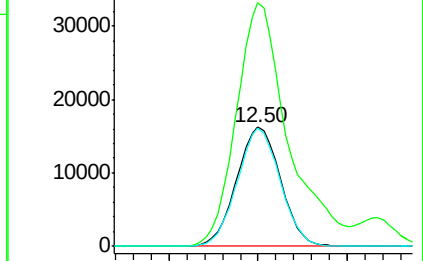
5/1/2020 10:54:21 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.451 ug/l

RT: 12.57 min Scan# 3414

Delta R.T. 0.00 min

Lab File: VN061201.D

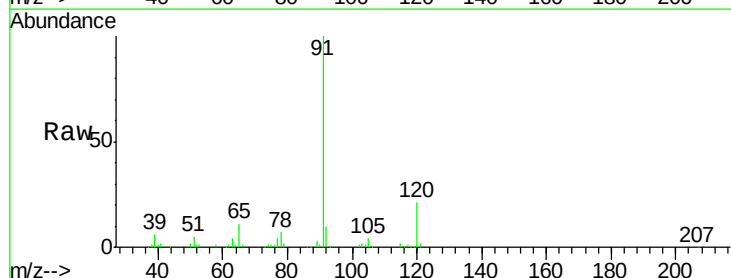
Acq: 30 Apr 2020 14:58

Tgt Ion: 91 Resp: 144500

Ion Ratio Lower Upper

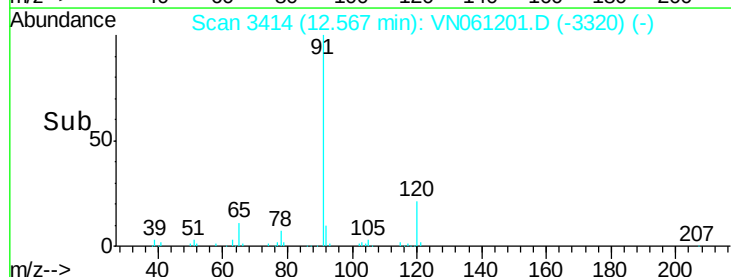
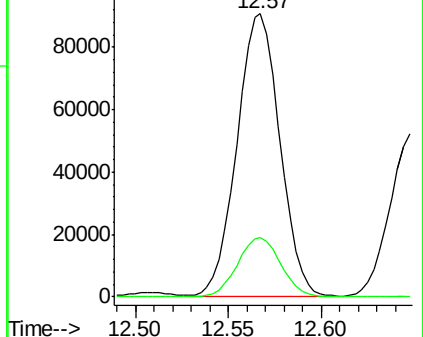
91 100

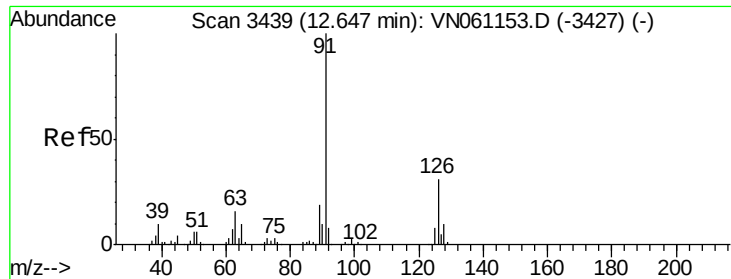
120 21.3 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.601 ug/l

RT: 12.65 min Scan# 3439

Delta R.T. 0.00 min

Lab File: VN061201.D

Acq: 30 Apr 2020 14:58

Instrument :

MSVOA_N

ClientSampled :

VN0430WBS01

Tot Ion: 91 Resp: 85587

Ion Ratio Lower Upper

91 100

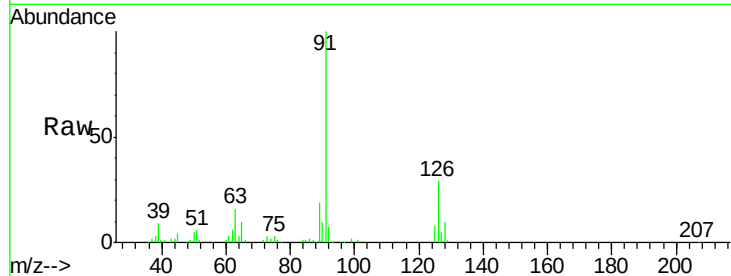
126 30.1 15.9 47.7

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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) (-)

80000

60000

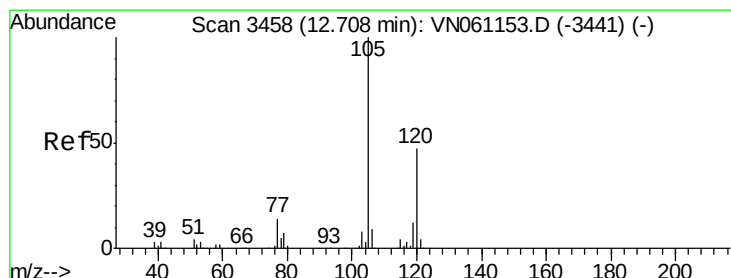
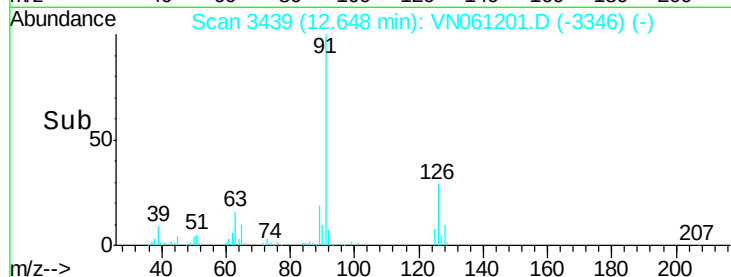
40000

20000

0

12.60 12.65 12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 19.464 ug/l

RT: 12.71 min Scan# 3458

Delta R.T. 0.00 min

Lab File: VN061201.D

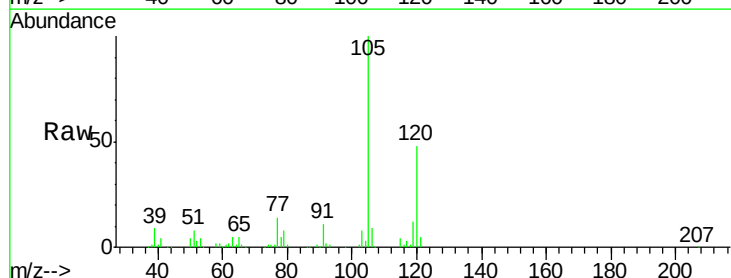
Acq: 30 Apr 2020 14:58

Tgt Ion: 105 Resp: 100895

Ion Ratio Lower Upper

105 100

120 47.3 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) (-)

60000

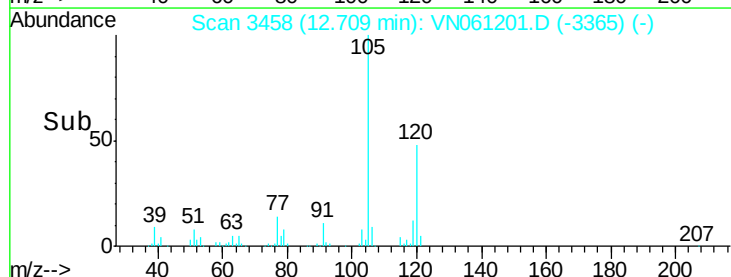
40000

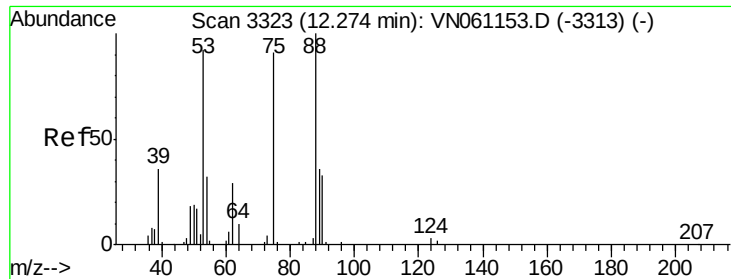
20000

0

12.65 12.70 12.75

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 18.992 ug/l

RT: 12.27 min Scan# 3323

Delta R.T. 0.00 min

Lab File: VN061201.D

Acq: 30 Apr 2020 14:58

Instrument :

MSVOA_N

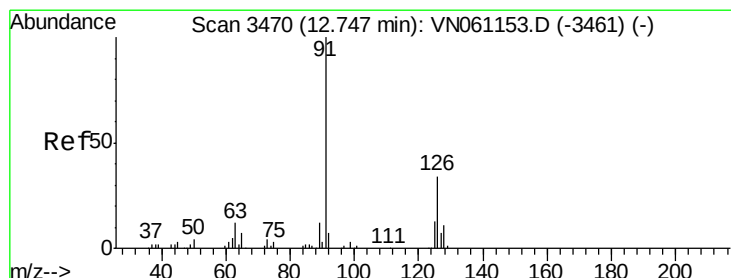
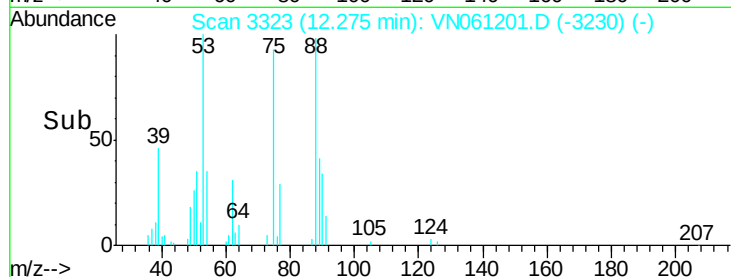
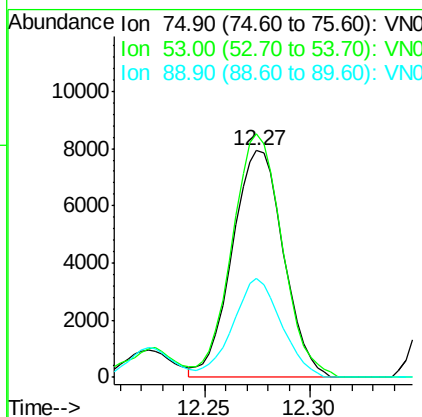
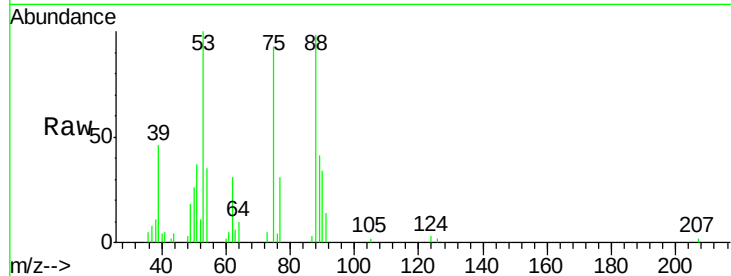
ClientSampled :

VN0430WBS01

Tot Ion:	75	Resp:	13433
Ion	Ratio	Lower	Upper
75	100		
53	104.6	84.1	126.1
89	41.2	35.2	52.8

Manual Integrations
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#82

4-Chlorotoluene

Concen: 19.684 ug/l

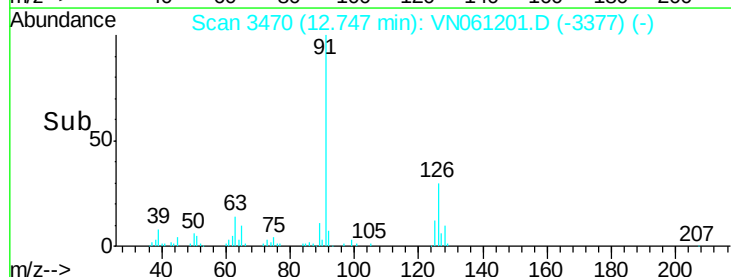
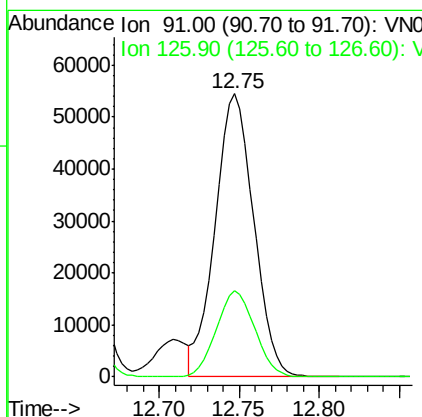
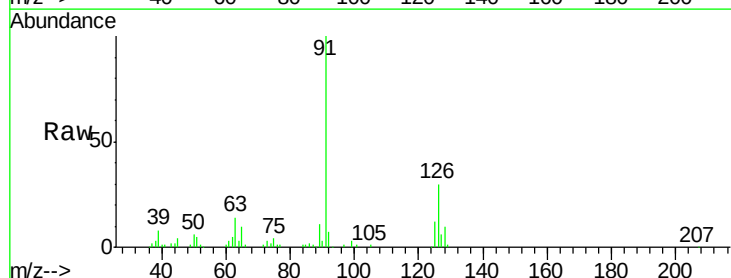
RT: 12.75 min Scan# 3470

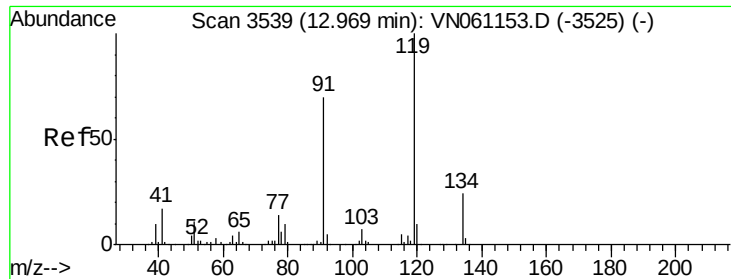
Delta R.T. 0.00 min

Lab File: VN061201.D

Acq: 30 Apr 2020 14:58

Tgt Ion:	91	Resp:	90587
Ion	Ratio	Lower	Upper
91	100		
126	30.1	15.7	47.1





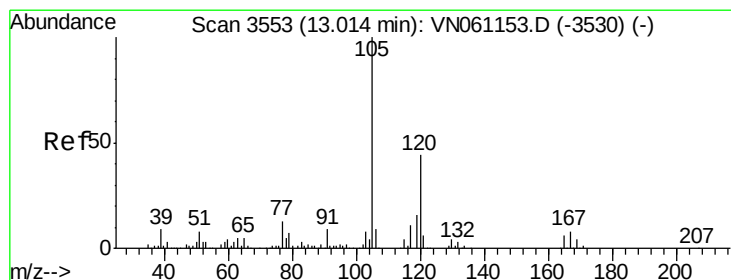
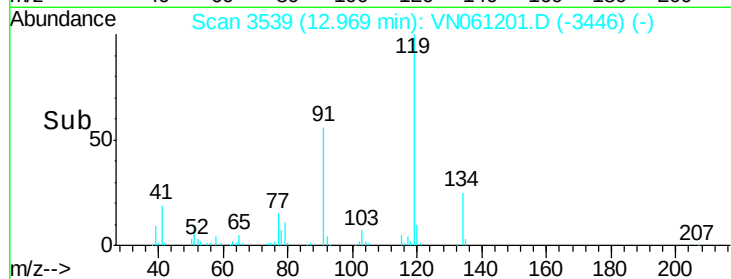
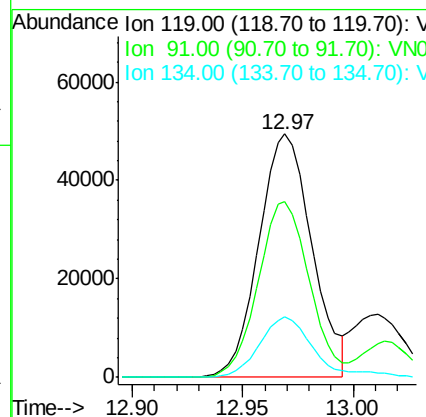
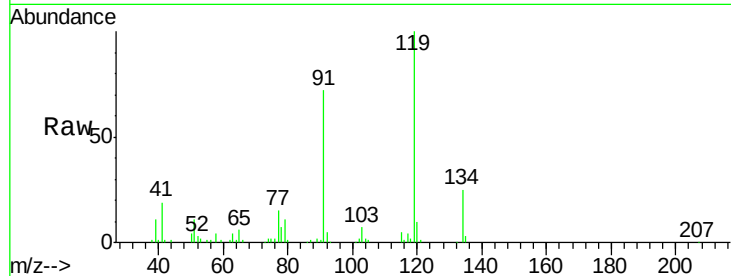
#83
 tert-Butylbenzene
 Concen: 18.806 ug/l
 RT: 12.97 min Scan# 3539
 Delta R.T. 0.00 min
 Lab File: VN061201.D
 Acq: 30 Apr 2020 14:58

Instrument :
 MSVOA_N
 ClientSampled :
 VN0430WBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	70.1	34.8	104.4
134	25.5	12.9	38.7

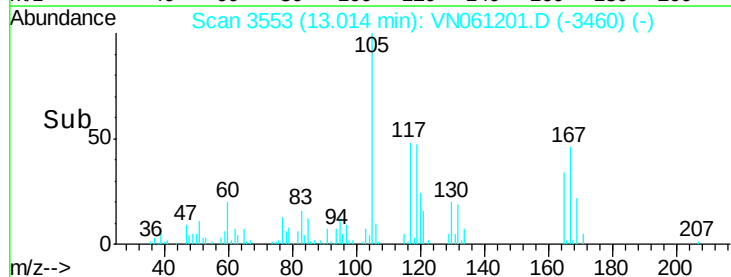
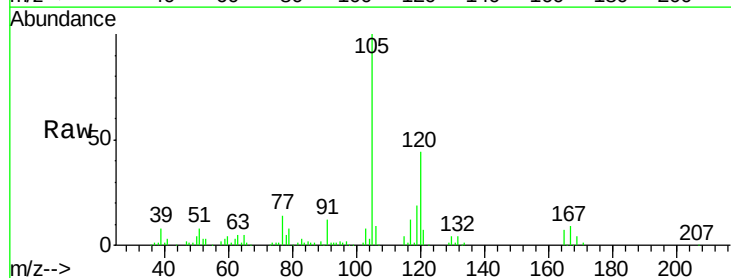
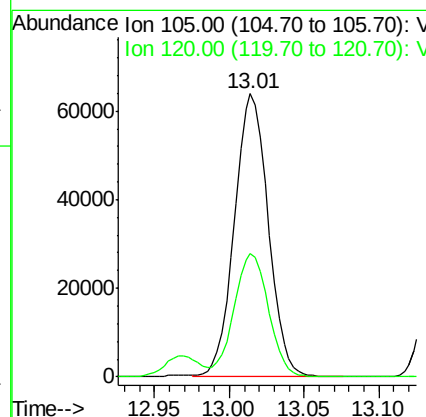
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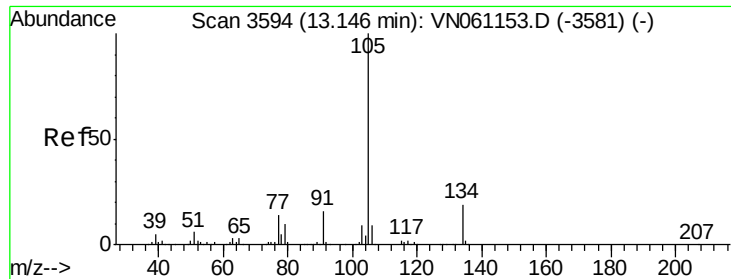
MMDadoda
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#84
 1,2,4-Trimethylbenzene
 Concen: 18.873 ug/l
 RT: 13.01 min Scan# 3553
 Delta R.T. 0.00 min
 Lab File: VN061201.D
 Acq: 30 Apr 2020 14:58

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.4	22.2	66.6





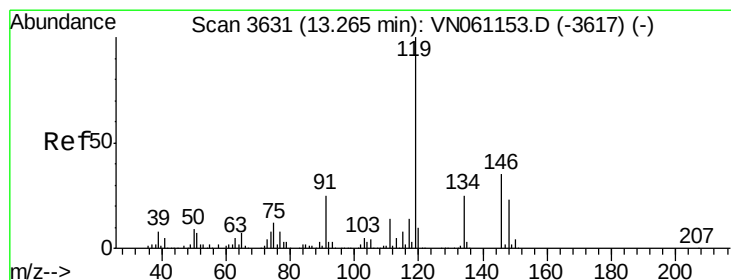
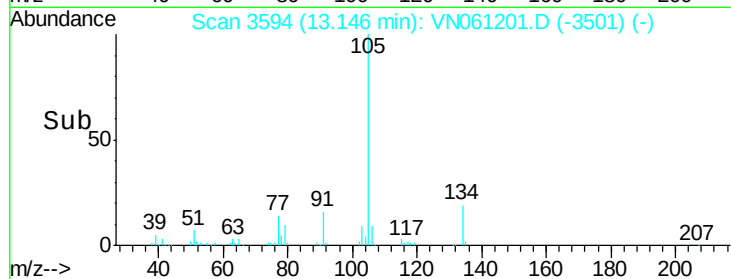
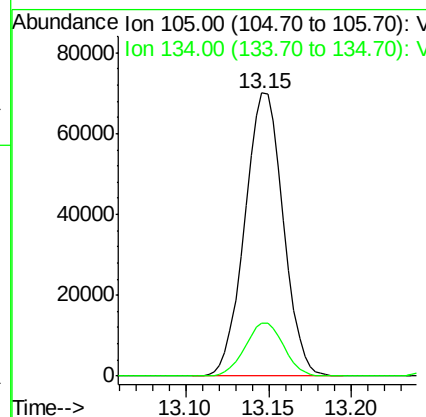
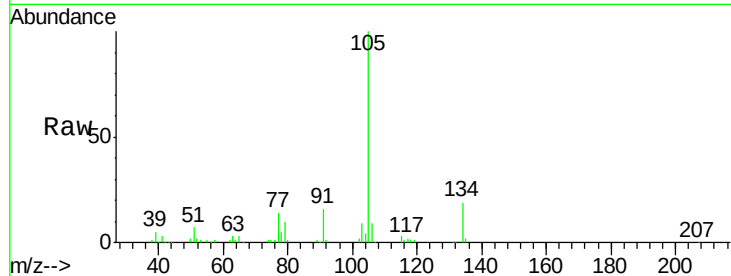
#85
 sec-Butylbenzene
 Concen: 18.966 ug/l
 RT: 13.15 min Scan# 3594
 Delta R.T. 0.00 min
 Lab File: VN061201.D
 Acq: 30 Apr 2020 14:58

Instrument :
 MSVOA_N
 ClientSampled :
 VN0430WBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.0	9.6	28.8

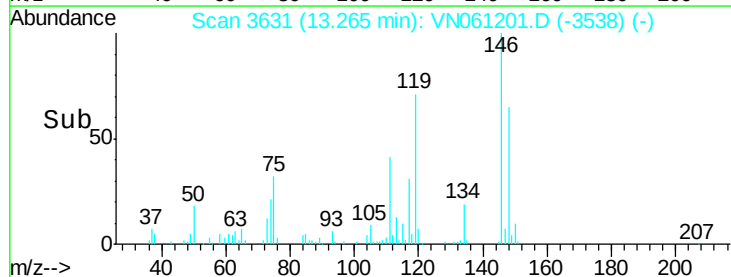
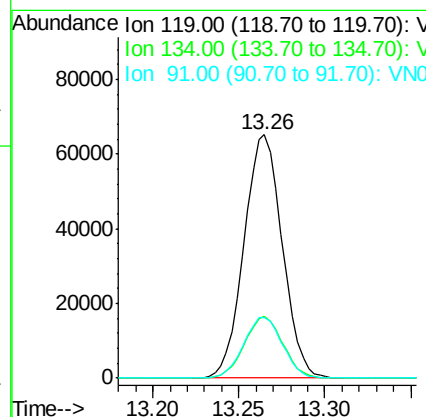
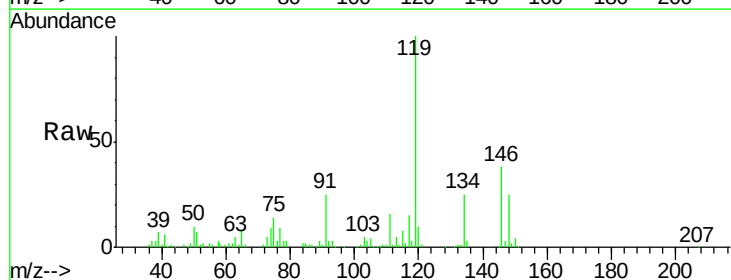
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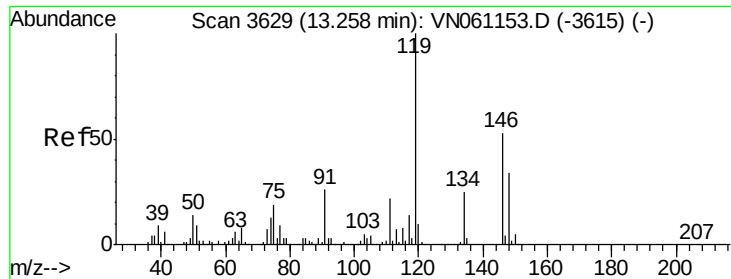
MMDadoda
 5/1/2020 10:54:21 AM



#86
 p-Isopropyltoluene
 Concen: 18.789 ug/l
 RT: 13.26 min Scan# 3631
 Delta R.T. 0.00 min
 Lab File: VN061201.D
 Acq: 30 Apr 2020 14:58

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.3	12.6	37.6
91	25.4	12.7	38.0





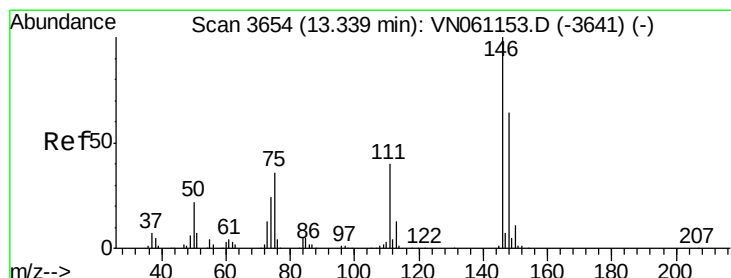
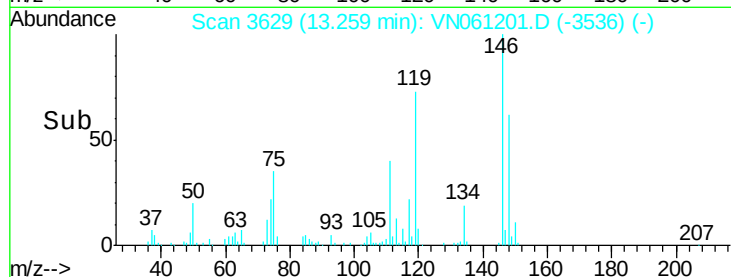
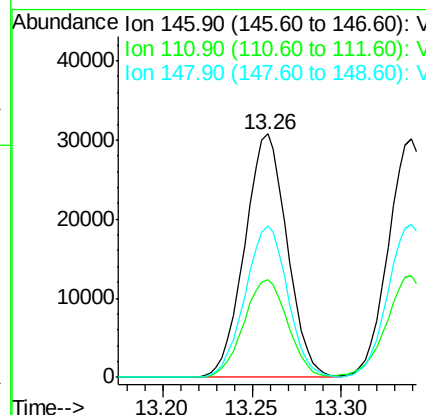
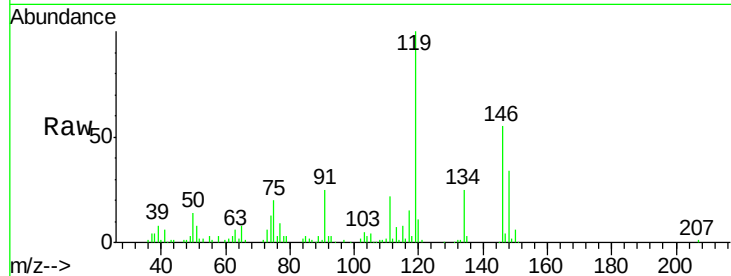
#87
 1,3-Dichlorobenzene
 Concen: 19.257 ug/l
 RT: 13.26 min Scan# 3629
 Delta R.T. 0.00 min
 Lab File: VN061201.D
 Acq: 30 Apr 2020 14:58

Instrument :
 MSVOA_N
 ClientSampled :
 VN0430WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.5	20.7	62.1
148	62.3	31.8	95.3

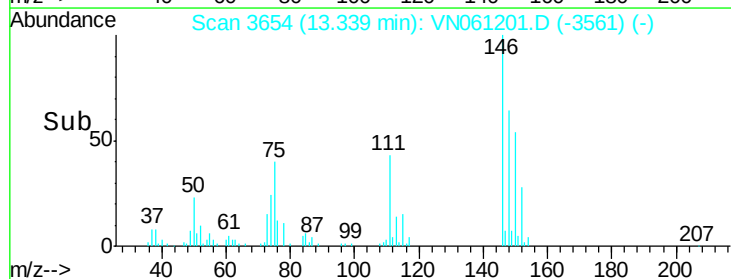
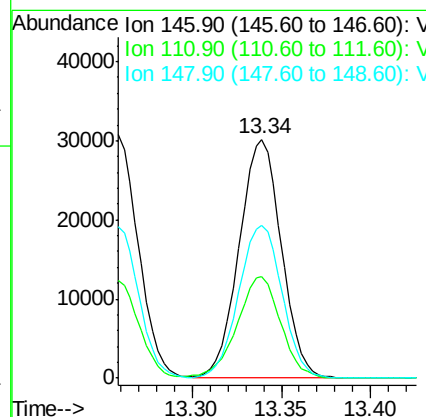
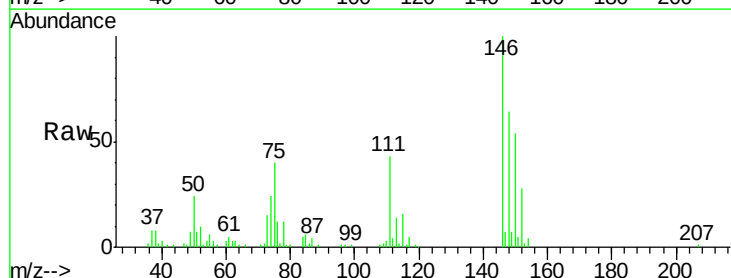
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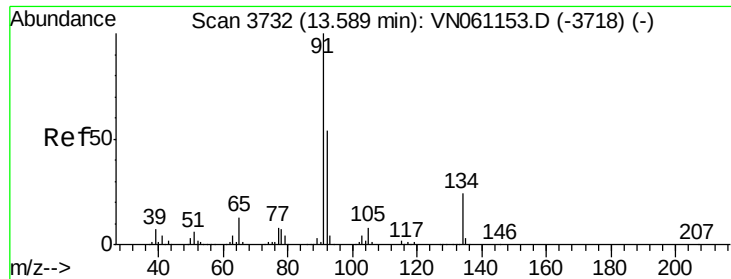
MMDadoda
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#88
 1,4-Dichlorobenzene
 Concen: 18.351 ug/l
 RT: 13.34 min Scan# 3654
 Delta R.T. 0.00 min
 Lab File: VN061201.D
 Acq: 30 Apr 2020 14:58

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.8	20.4	61.3
148	65.8	31.9	95.7





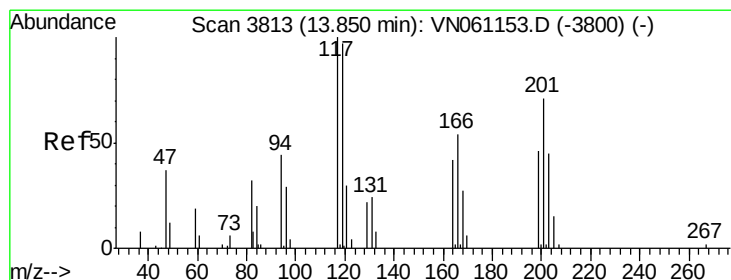
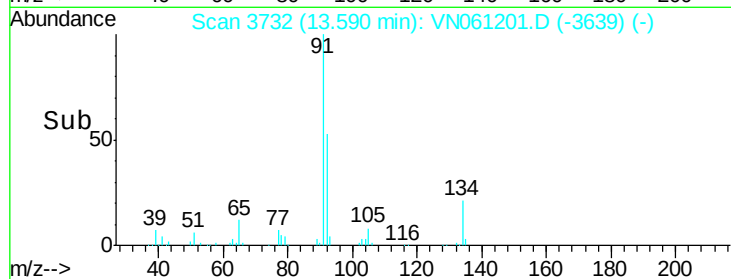
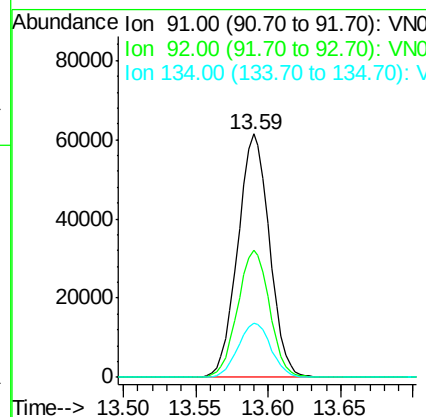
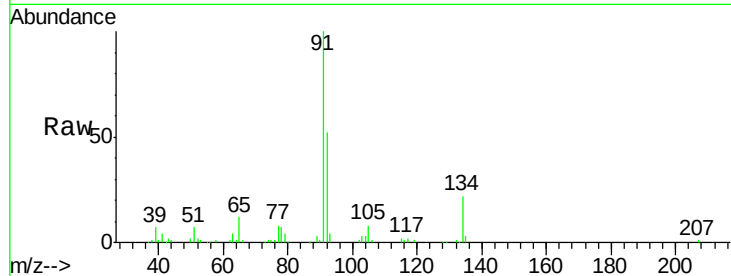
#89
n-Butylbenzene
Concen: 18.985 ug/l
RT: 13.59 min Scan# 3732
Delta R.T. 0.00 min
Lab File: VN061201.D
Acq: 30 Apr 2020 14:58

Instrument :
MSVOA_N
ClientSampled :
VN0430WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.4	26.8	80.3
134	22.9	11.9	35.5

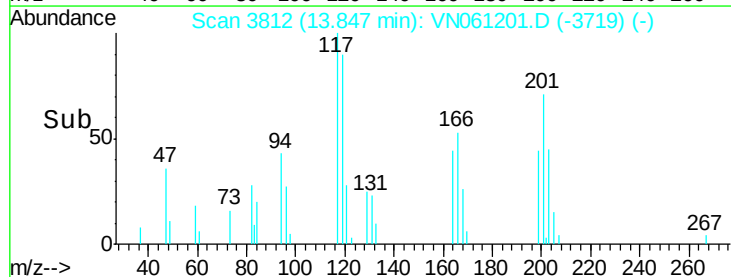
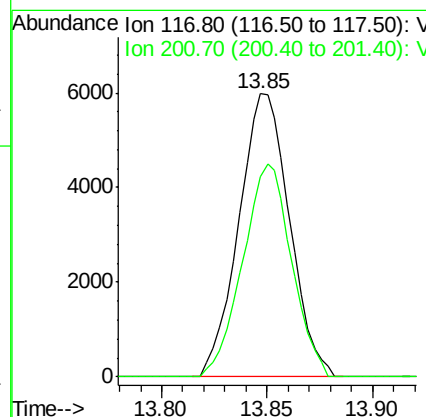
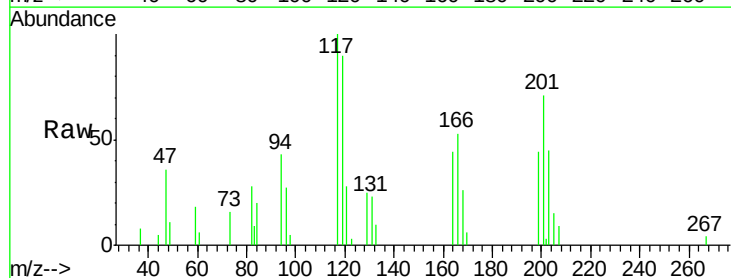
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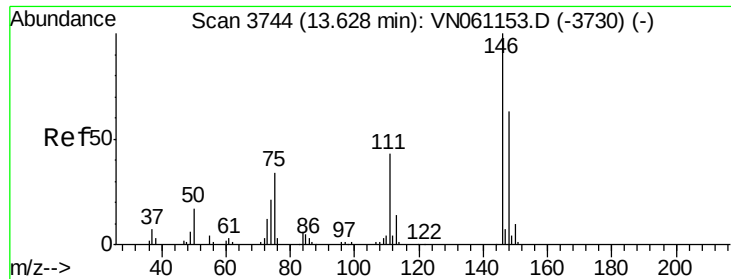
MMDadoda
5/1/2020 10:54:21 AM



#90
Hexachloroethane
Concen: 22.737 ug/l
RT: 13.85 min Scan# 3812
Delta R.T. -0.00 min
Lab File: VN061201.D
Acq: 30 Apr 2020 14:58

Tgt Ion	Ratio	Lower	Upper
117	100		
201	72.4	35.5	106.7





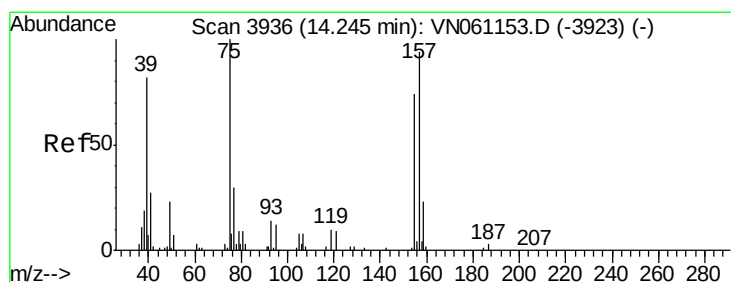
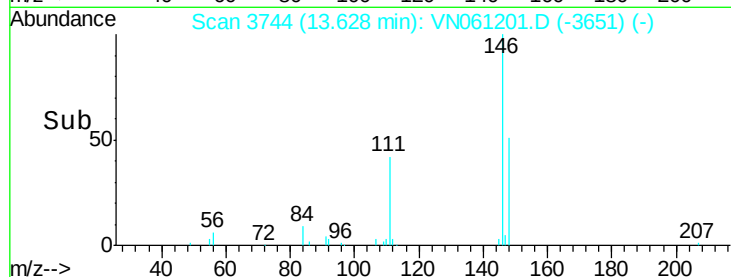
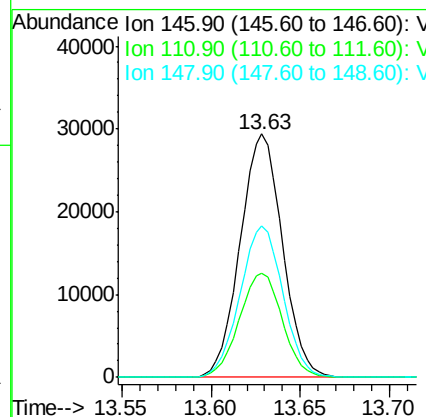
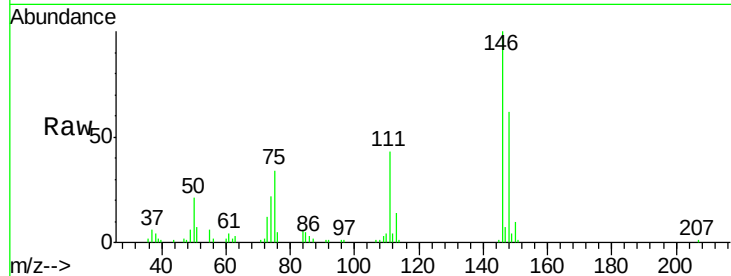
#91
 1,2-Dichlorobenzene
 Concen: 18.961 ug/l
 RT: 13.63 min Scan# 3744
 Delta R.T. 0.00 min
 Lab File: VN061201.D
 Acq: 30 Apr 2020 14:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0430WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.6	21.8	65.3
148	63.2	31.6	95.0

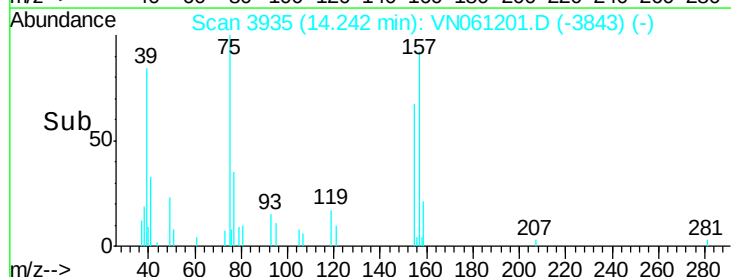
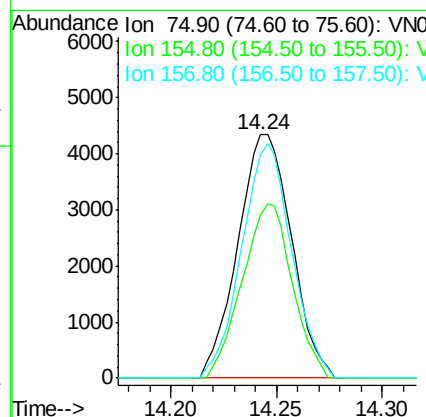
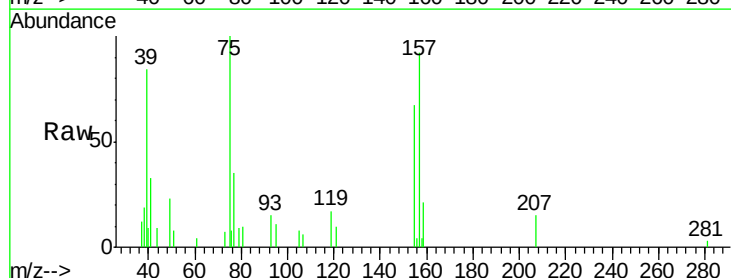
Manual Integrations
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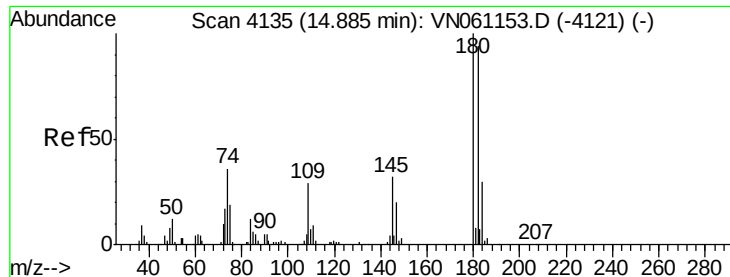
MMDadoda
 5/1/2020 10:54:21 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.586 ug/l
 RT: 14.24 min Scan# 3935
 Delta R.T. -0.00 min
 Lab File: VN061201.D
 Acq: 30 Apr 2020 14:58

Tgt Ion	Ratio	Lower	Upper
75	100		
155	66.8	36.5	109.7
157	89.9	46.6	139.7





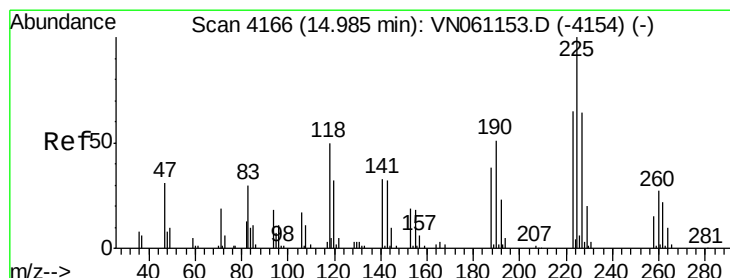
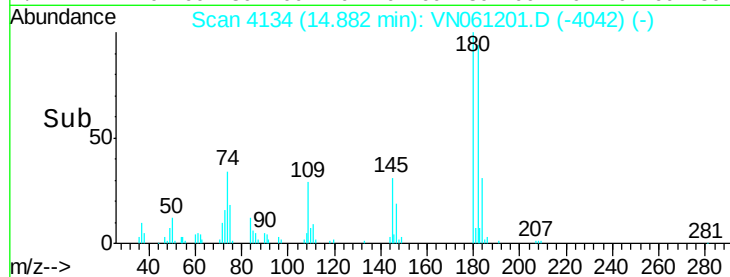
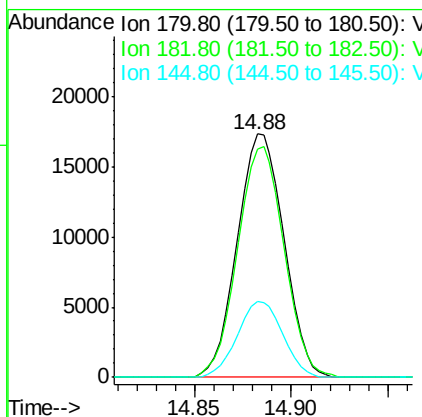
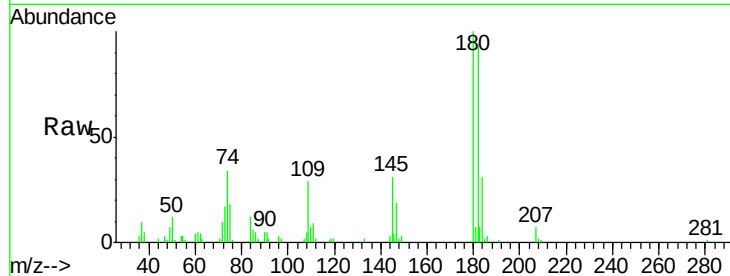
#93
 1,2,4-Trichlorobenzene
 Concen: 18.727 ug/l
 RT: 14.88 min Scan# 4134
 Delta R.T. -0.00 min
 Lab File: VN061201.D
 Acq: 30 Apr 2020 14:58

Instrument :
 MSVOA_N
 ClientSampled :
 VN0430WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.3	47.3	141.9
145	30.3	16.0	47.9

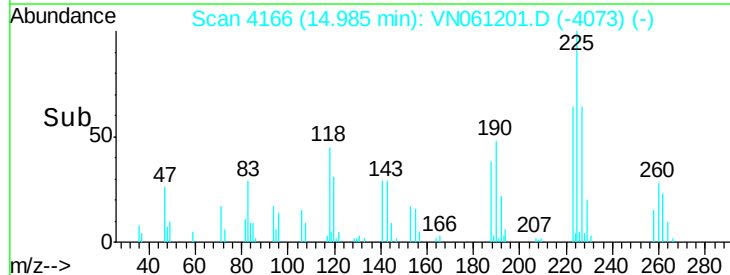
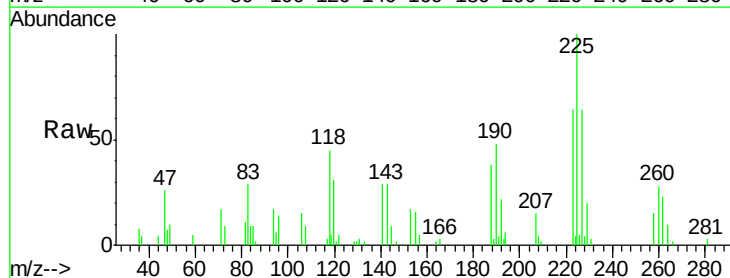
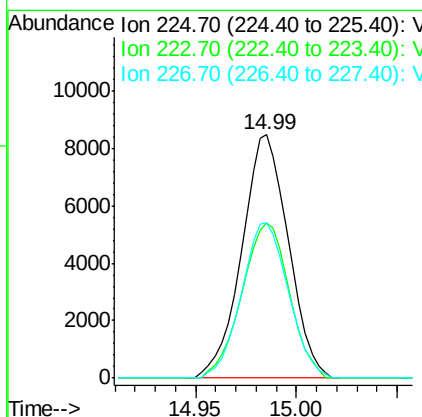
Manual Integrations
 APPROVED

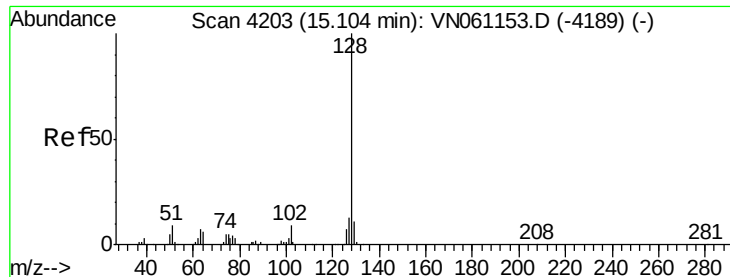
MMDadoda
 5/1/2020 10:54:21 AM



#94
 Hexachlorobutadiene
 Concen: 21.068 ug/l
 RT: 14.99 min Scan# 4166
 Delta R.T. 0.00 min
 Lab File: VN061201.D
 Acq: 30 Apr 2020 14:58

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.9	32.4	97.0
227	64.5	32.4	97.0





#95

Naphthalene

Concen: 16.979 ug/l

RT: 15.10 min Scan# 4203

Delta R.T. 0.00 min

Lab File: VN061201.D

Acq: 30 Apr 2020 14:58

Instrument :

MSVOA_N

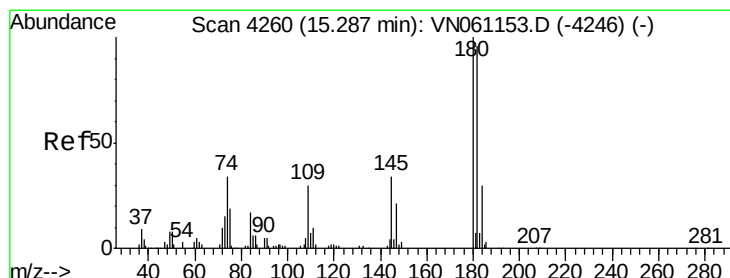
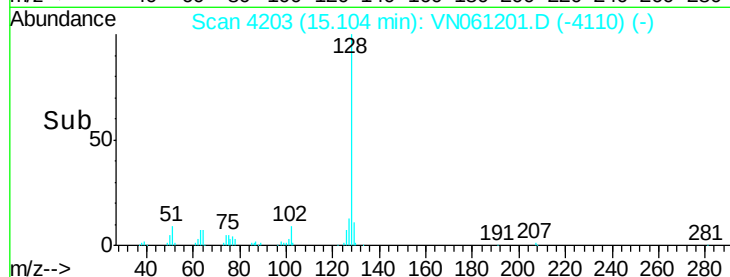
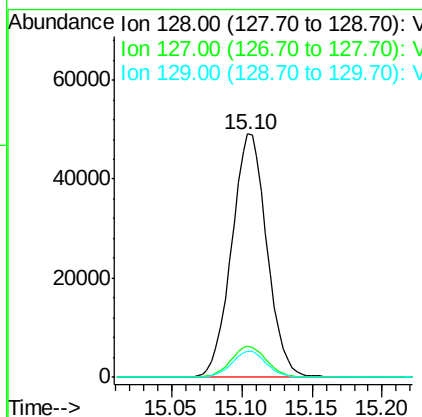
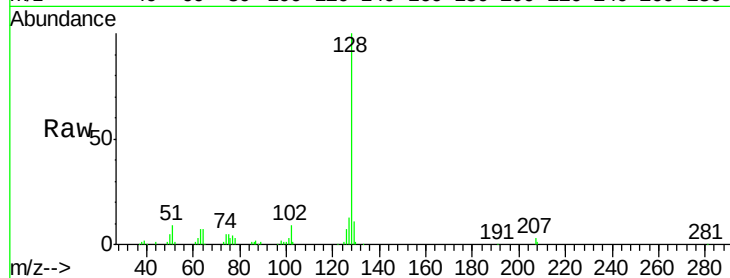
ClientSampled :

VN0430WBS01

Tot Ion:	128	Resp:	85933
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.4	15.6
129	10.5	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
5/1/2020 10:54:21 AM



#96

1,2,3-Trichlorobenzene

Concen: 18.710 ug/l

RT: 15.28 min Scan# 4259

Delta R.T. -0.00 min

Lab File: VN061201.D

Acq: 30 Apr 2020 14:58

Tgt Ion:	180	Resp:	28708
Ion Ratio	Lower	Upper	
180	100		
182	94.1	47.5	142.5
145	33.5	16.9	50.7

