

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060520\
 Data File : VN061660.D
 Acq On : 5 Jun 2020 11:35
 Operator : JC/MD
 Sample : VN0605WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0605WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/8/2020 11:49:06 AM

Quant Time: Jun 06 03:35:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	355685	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	574320	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	536908	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	269304	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	211692	49.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.90%	
35) Dibromofluoromethane	7.54	113	168947	57.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.98%	
50) Toluene-d8	10.06	98	727242	53.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.74%	
62) 4-Bromofluorobenzene	12.37	95	255424	51.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	77997	19.705	ug/l	99
3) Chloromethane	2.03	50	82220	18.953	ug/l	98
4) Vinyl Chloride	2.16	62	111952	18.831	ug/l	100
5) Bromomethane	2.53	94	70409	20.640	ug/l	100
6) Chloroethane	2.67	64	73071	19.096	ug/l	99
7) Trichlorofluoromethane	2.98	101	151941	19.820	ug/l	95
8) Diethyl Ether	3.37	74	43704	18.644	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	69315	20.375	ug/l	99
10) Methyl Iodide	3.91	142	93466	19.792	ug/l	100
11) Tert butyl alcohol	4.73	59	57933	102.778	ug/l	100
12) 1,1-Dichloroethene	3.69	96	66899	18.407	ug/l	98
13) Acrolein	3.56	56	16381	79.408	ug/l	97
14) Allyl chloride	4.27	41	86007	18.101	ug/l	97
15) Acrylonitrile	4.93	53	139284	88.529	ug/l	99
16) Acetone	3.77	43	122736	101.404	ug/l	99
17) Carbon Disulfide	4.01	76	151650	18.965	ug/l	100
18) Methyl Acetate	4.27	43	68579	17.876	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	229921	18.562	ug/l	99
20) Methylene Chloride	4.50	84	76109	18.669	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	75415	18.399	ug/l	92
22) Diisopropyl ether	5.90	45	196504	18.764	ug/l	95
23) Vinyl Acetate	5.84	43	723678	86.701	ug/l	99
24) 1,1-Dichloroethane	5.80	63	127353	19.177	ug/l	98
25) 2-Butanone	6.78	43	176043	87.653	ug/l	98
26) 2,2-Dichloropropane	6.77	77	119399	19.644	ug/l	98
27) cis-1,2-Dichloroethene	6.77	96	89946	19.380	ug/l	99
28) Bromochloromethane	7.15	49	52322	20.154	ug/l	100
29) Tetrahydrofuran	7.17	42	112475	84.927	ug/l	96
30) Chloroform	7.33	83	141791	19.299	ug/l	98
31) Cyclohexane	7.61	56	107069	17.927	ug/l #	95
32) 1,1,1-Trichloroethane	7.53	97	128109	19.137	ug/l	100
36) 1,1-Dichloropropene	7.75	75	100142	19.697	ug/l	99
37) Ethyl Acetate	6.88	43	74989	18.312	ug/l	98
38) Carbon Tetrachloride	7.73	117	99640	20.318	ug/l	96

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 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	117260	18.712	ug/l	96
40) Benzene	8.00	78	313007	19.953	ug/l	100
41) Methacrylonitrile	7.12	41	32139	17.130	ug/l	93
42) 1,2-Dichloroethane	8.08	62	101940	19.410	ug/l	100
43) Isopropyl Acetate	8.12	43	132297	17.957	ug/l	93
44) Trichloroethene	8.80	130	97238	20.170	ug/l	93
45) 1,2-Dichloropropane	9.08	63	74912	20.111	ug/l	100
46) Dibromomethane	9.17	93	55864	19.554	ug/l	99
47) Bromodichloromethane	9.37	83	112540	19.883	ug/l	99
48) Methyl methacrylate	9.17	41	56403	17.016	ug/l	98
49) 1,4-Dioxane	9.17	88	25551	497.582	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	378447	91.155	ug/l	99
52) Toluene	10.12	92	208283	20.343	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	117432	19.259	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	129709	19.784	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	81833	20.061	ug/l	98
56) Ethyl methacrylate	10.40	69	108193	18.987	ug/l	97
57) 1,3-Dichloropropane	10.68	76	130153	19.949	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	228167	93.698	ug/l	99
59) 2-Hexanone	10.72	43	265648	89.095	ug/l	98
60) Dibromochloromethane	10.87	129	92964	20.046	ug/l	99
61) 1,2-Dibromoethane	10.98	107	84862	19.947	ug/l	99
64) Tetrachloroethene	10.60	164	103956	20.569	ug/l	98
65) Chlorobenzene	11.41	112	228534	20.477	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	86374	20.785	ug/l	99
67) Ethyl Benzene	11.48	91	388166	20.123	ug/l	99
68) m/p-Xylenes	11.59	106	307328	40.182	ug/l	100
69) o-Xylene	11.92	106	147181	20.261	ug/l	100
70) Styrene	11.94	104	242776	20.181	ug/l	99
71) Bromoform	12.10	173	60869	19.009	ug/l #	100
73) Isopropylbenzene	12.22	105	389481	19.815	ug/l	100
74) N-amyl acetate	12.05	43	106520	17.208	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	104096	18.899	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	95696m	19.542	ug/l	
77) Bromobenzene	12.50	156	99784	19.888	ug/l	99
78) n-propylbenzene	12.57	91	429875	19.590	ug/l	99
79) 2-Chlorotoluene	12.65	91	253926	19.407	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	325087	19.788	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	32412	16.926	ug/l	97
82) 4-Chlorotoluene	12.75	91	263350	19.132	ug/l	98
83) tert-Butylbenzene	12.97	119	276703	19.063	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	324019	19.853	ug/l	99
85) sec-Butylbenzene	13.15	105	353440	18.896	ug/l	99
86) p-Isopropyltoluene	13.26	119	327695	19.024	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	178941	20.141	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	177288	19.588	ug/l	98
89) n-Butylbenzene	13.59	91	263051	18.233	ug/l	99
90) Hexachloroethane	13.85	117	42247	22.178	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	173460	20.430	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	18445	16.420	ug/l	97

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ClientSampleId :
VN0605WBS01

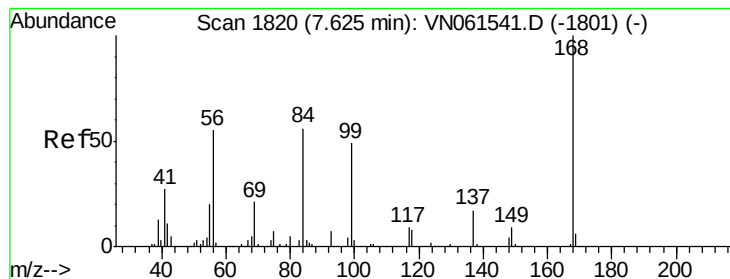
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	93738	18.877	ug/l	99
94) Hexachlorobutadiene	14.99	225	41504	19.598	ug/l	97
95) Naphthalene	15.10	128	266702	17.646	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	92543	18.955	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN061660.D

Acq: 5 Jun 2020 11:35

Instrument :

MSVOA_N

ClientSampled :

VN0605WBS01

Tot Ion:168 Resp: 355685

Ion Ratio Lower Upper

168 100

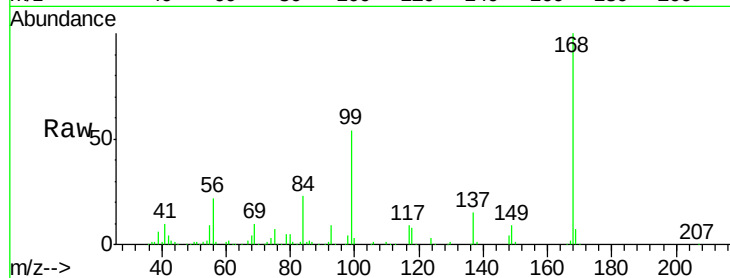
99 53.4 45.0 67.4

Manual Integrations

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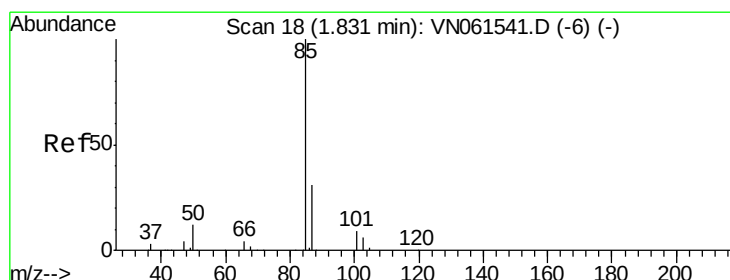
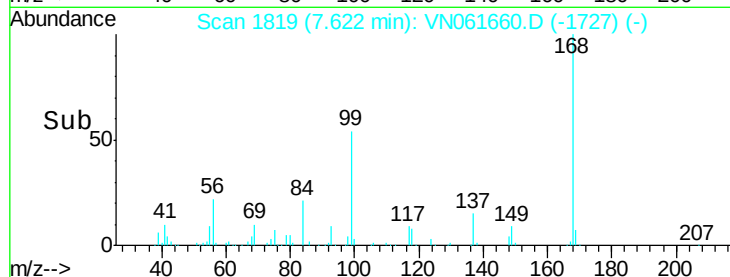
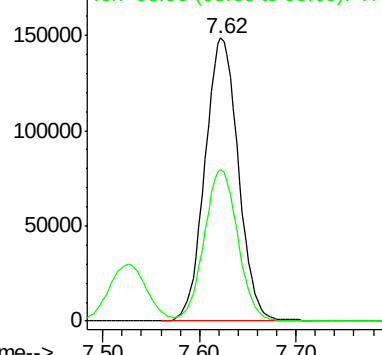
MMDadoda

6/8/2020 11:49:06 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#2

Dichlorodifluoromethane

Concen: 19.705 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061660.D

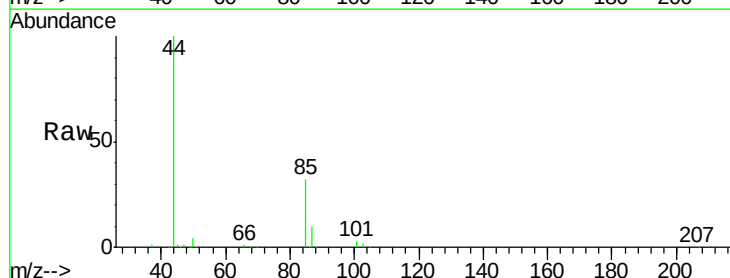
Acq: 5 Jun 2020 11:35

Tgt Ion: 85 Resp: 77997

Ion Ratio Lower Upper

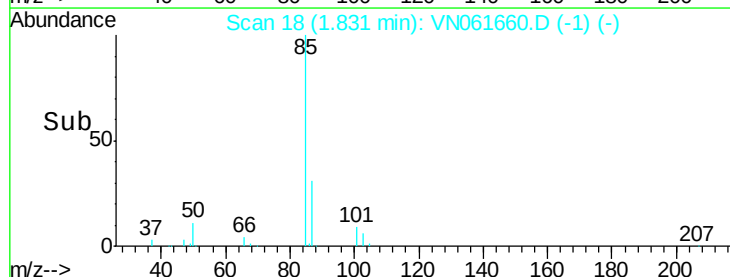
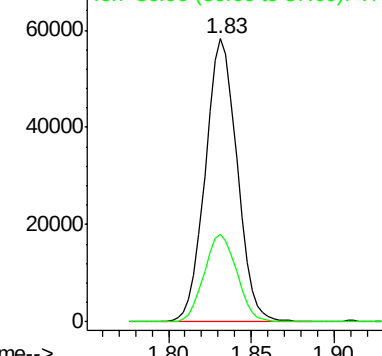
85 100

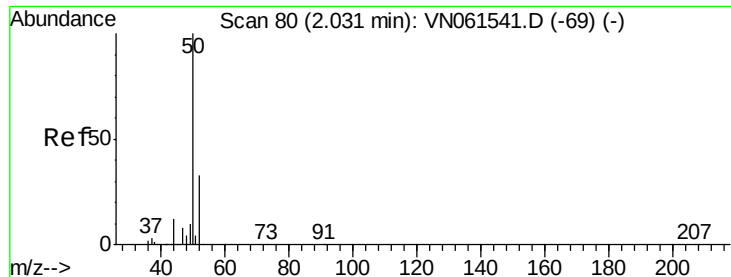
87 30.9 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0





#3

Chloromethane

Concen: 18.953 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN061660.D

Acq: 5 Jun 2020 11:35

Instrument :

MSVOA_N

ClientSampleId :

VN0605WBS01

Tot Ion: 50 Resp: 82220

Ion Ratio Lower Upper

50 100

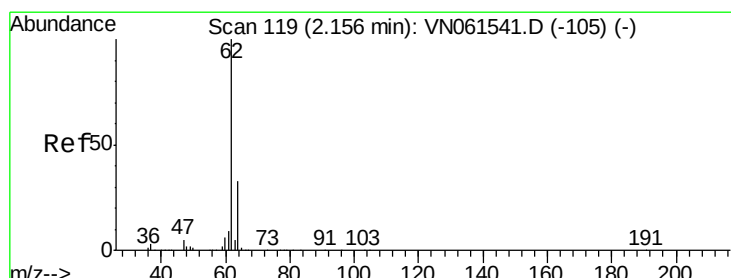
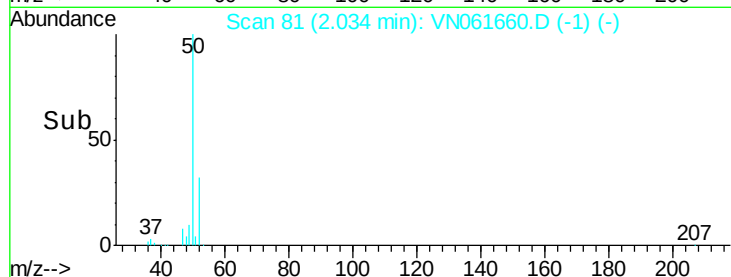
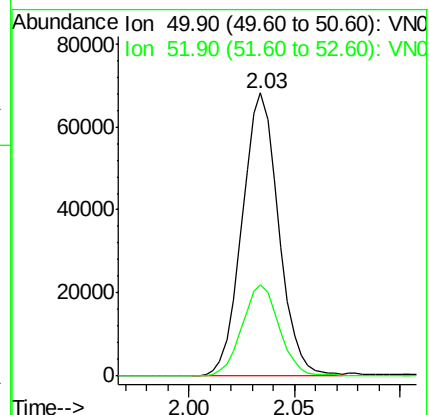
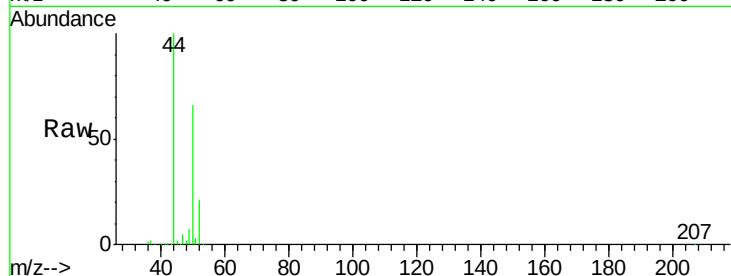
52 32.4 26.7 40.1

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.831 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN061660.D

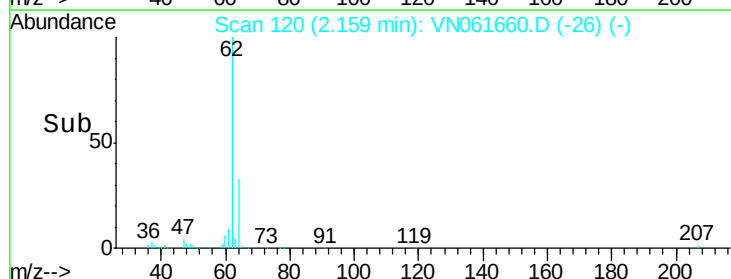
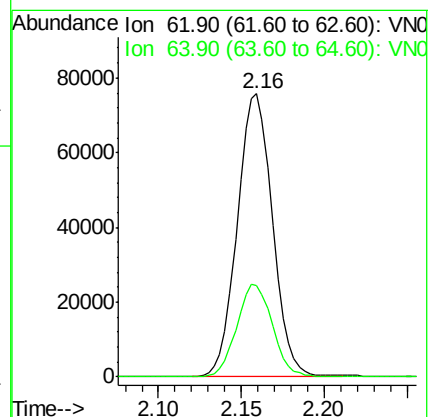
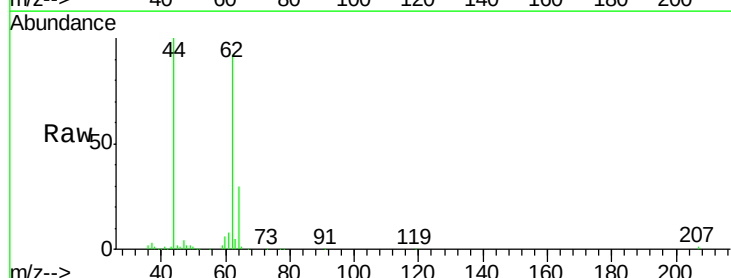
Acq: 5 Jun 2020 11:35

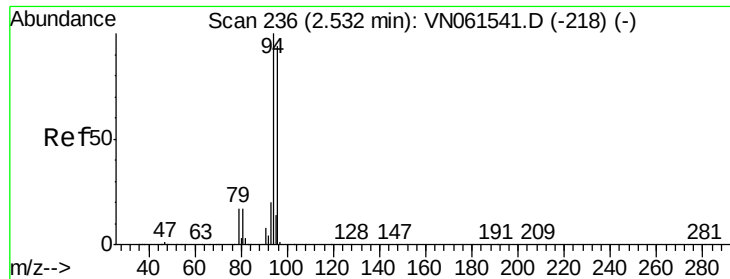
Tgt Ion: 62 Resp: 111952

Ion Ratio Lower Upper

62 100

64 32.5 26.2 39.2





#5

Bromomethane

Concen: 20.640 ug/l

RT: 2.53 min Scan# 236

Delta R.T. 0.00 min

Lab File: VN061660.D

Acq: 5 Jun 2020 11:35

Instrument :

MSVOA_N

ClientSampleId :

VN0605WBS01

Tot Ion: 94 Resp: 70409

Ion Ratio Lower Upper

94 100

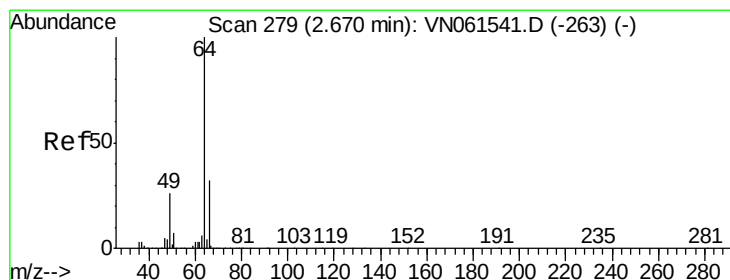
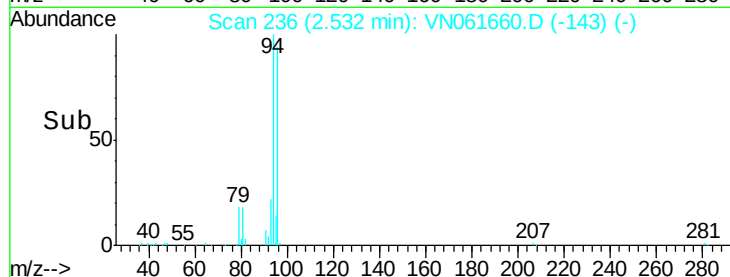
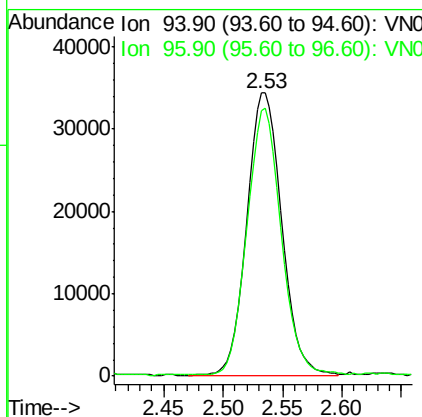
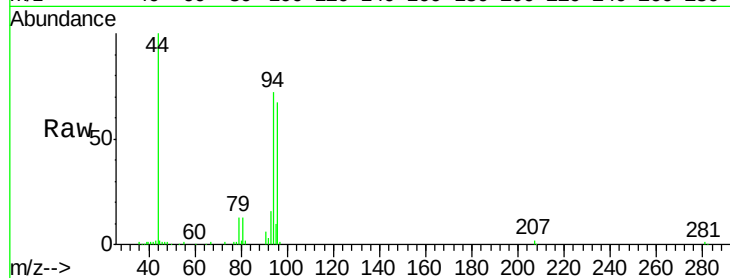
96 93.3 74.8 112.2

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#6

Chloroethane

Concen: 19.096 ug/l

RT: 2.67 min Scan# 279

Delta R.T. 0.00 min

Lab File: VN061660.D

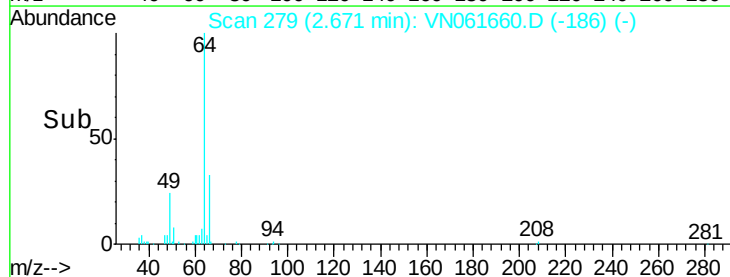
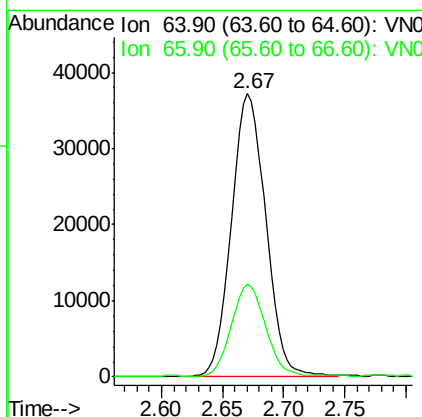
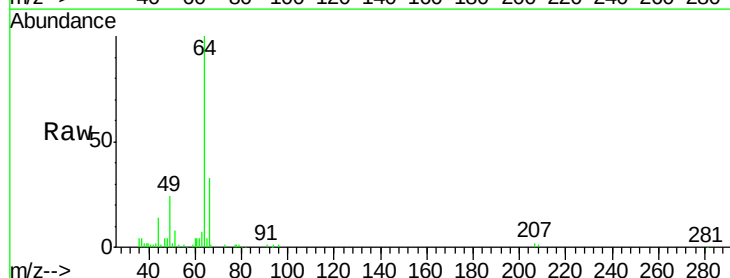
Acq: 5 Jun 2020 11:35

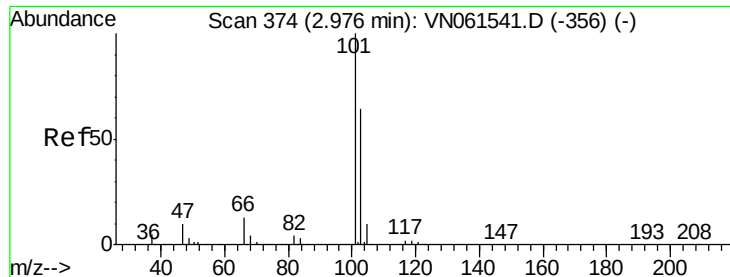
Tgt Ion: 64 Resp: 73071

Ion Ratio Lower Upper

64 100

66 32.7 25.6 38.4





#7

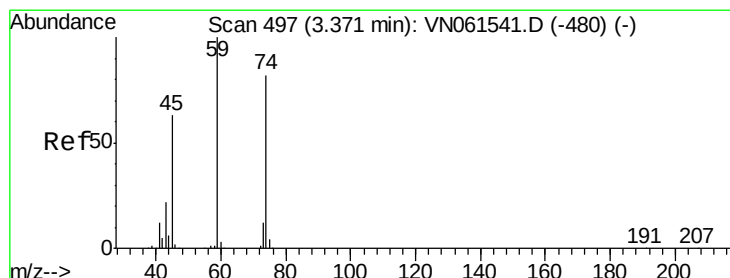
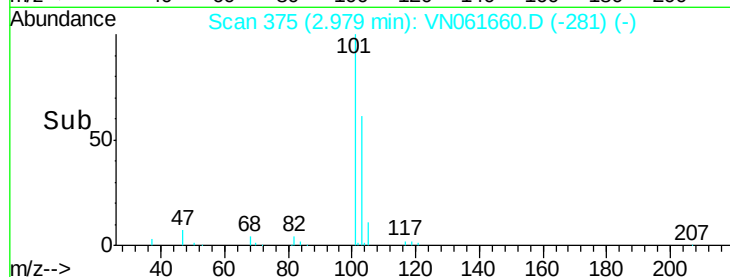
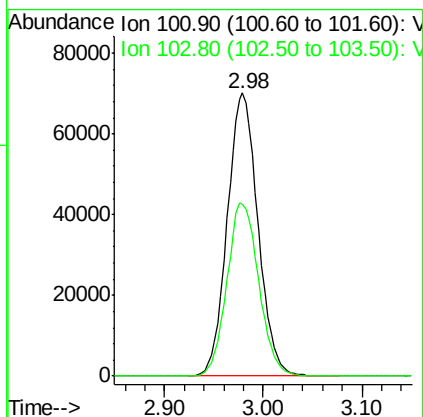
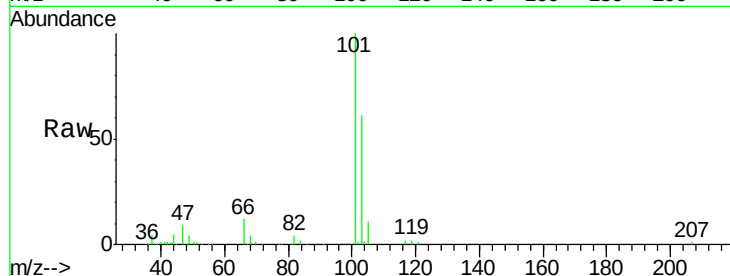
Trichlorofluoromethane
Concen: 19.820 ug/l
RT: 2.98 min Scan# 375
Delta R.T. 0.00 min
Lab File: VN061660.D
Acq: 5 Jun 2020 11:35

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ClientSampleId :
VN0605WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		151941		
103	60.8	51.4	77.2		

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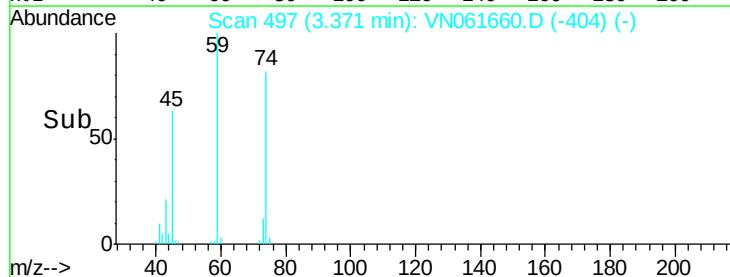
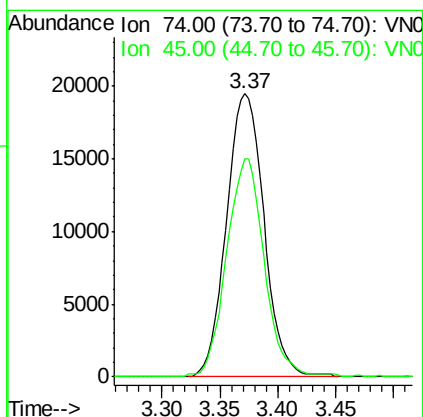
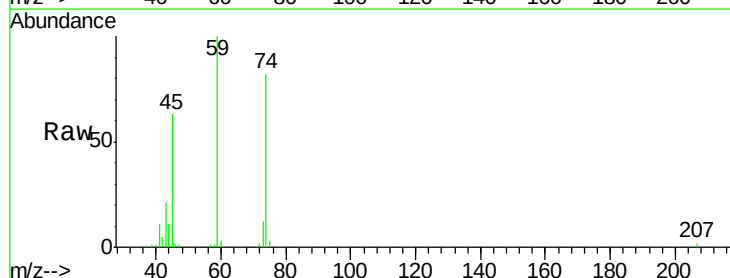
MMDadoda
6/8/2020 11:49:06 AM

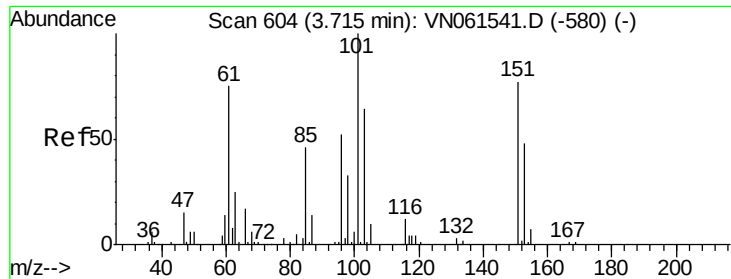


#8

Diethyl Ether
Concen: 18.644 ug/l
RT: 3.37 min Scan# 497
Delta R.T. 0.00 min
Lab File: VN061660.D
Acq: 5 Jun 2020 11:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		43704		
45	77.2	39.9	119.7		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.375 ug/l

RT: 3.72 min Scan# 604

Delta R.T. 0.00 min

Lab File: VN061660.D

Acq: 5 Jun 2020 11:35

Instrument :

MSVOA_N

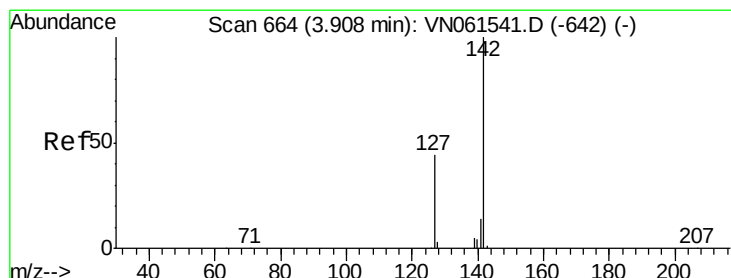
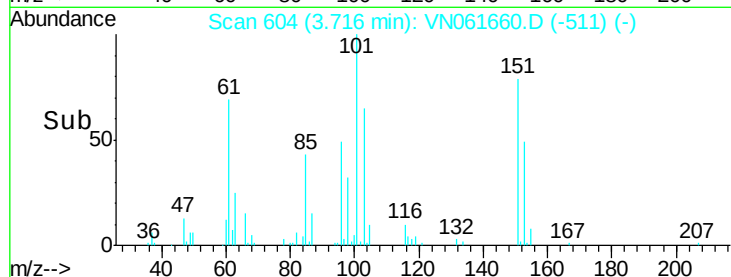
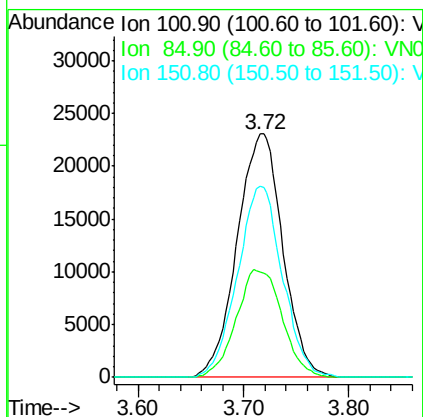
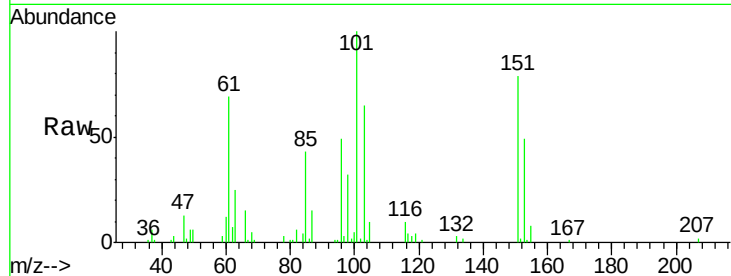
ClientSampled :

VN0605WBS01

Tot Ion:	101	Resp:	69315
Ion Ratio	Lower	Upper	
101	100		
85	44.6	35.2	52.8
151	77.3	61.0	91.6

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#10

Methyl Iodide

Concen: 19.792 ug/l

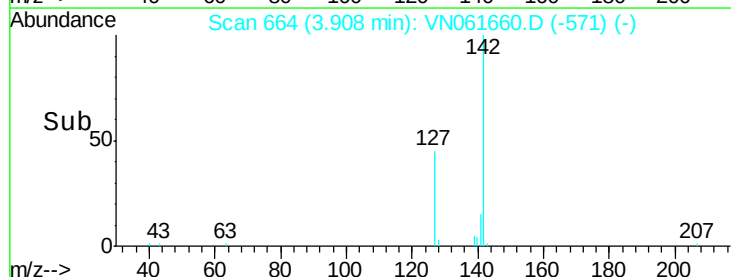
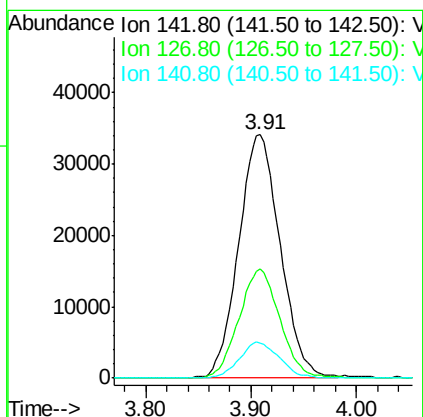
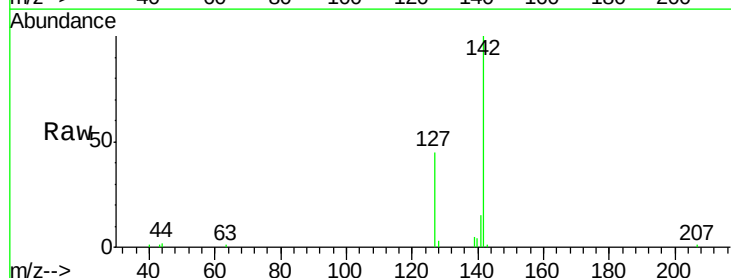
RT: 3.91 min Scan# 664

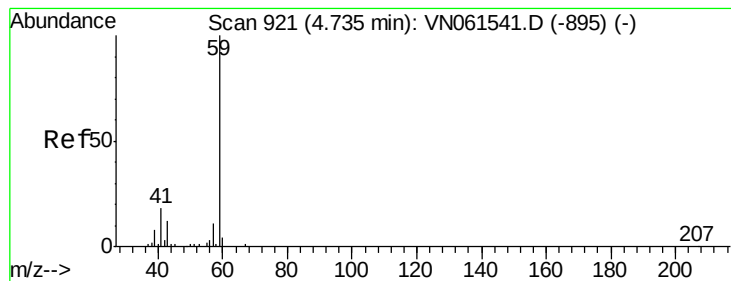
Delta R.T. 0.00 min

Lab File: VN061660.D

Acq: 5 Jun 2020 11:35

Tgt Ion:	142	Resp:	93466
Ion Ratio	Lower	Upper	
142	100		
127	44.1	35.5	53.3
141	14.1	11.5	17.3





#11

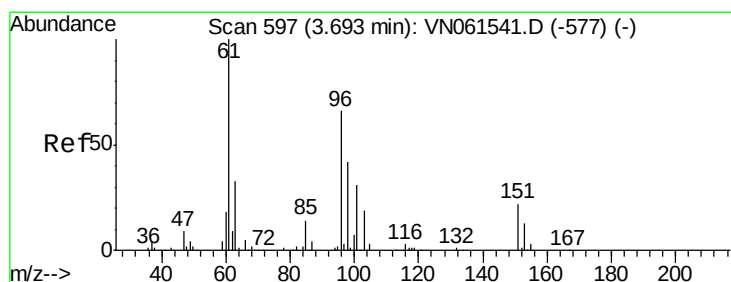
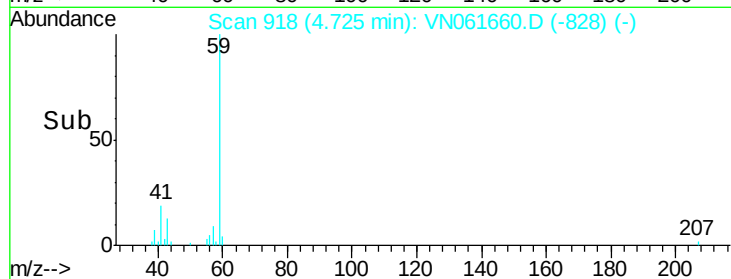
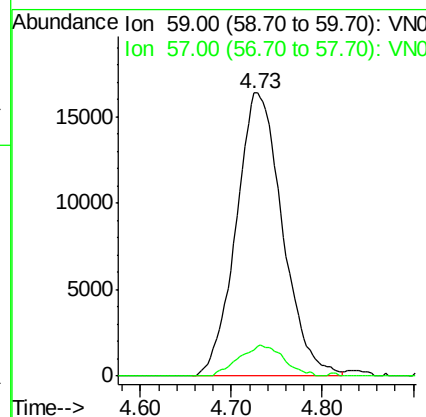
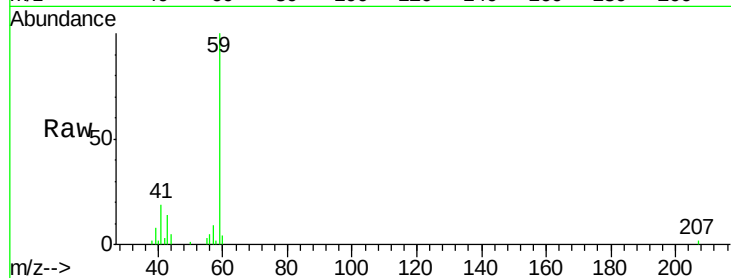
Tert butyl alcohol
Concen: 102.778 ug/l
RT: 4.73 min Scan# 918
Delta R.T. -0.01 min
Lab File: VN061660.D
Acq: 5 Jun 2020 11:35

Instrument :
MSVOA_N
ClientSampled :
VN0605WBS01

Tot Ion	Ratio	Resp	Lower	Upper
59	100	57933		
57	10.6		8.4	12.6

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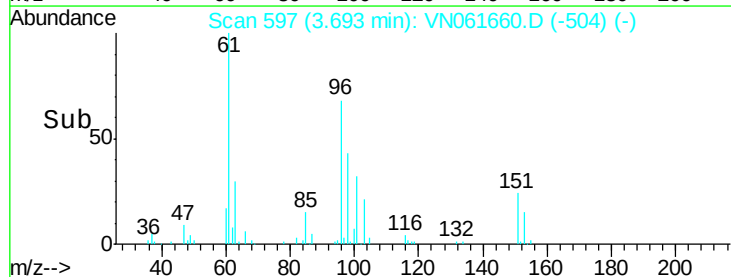
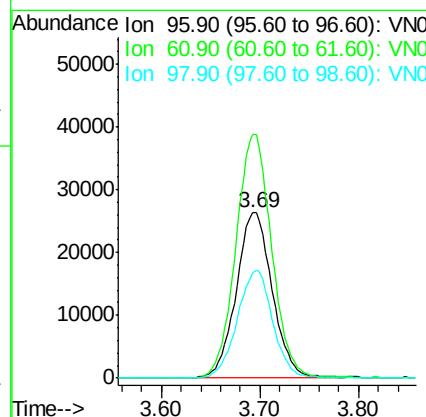
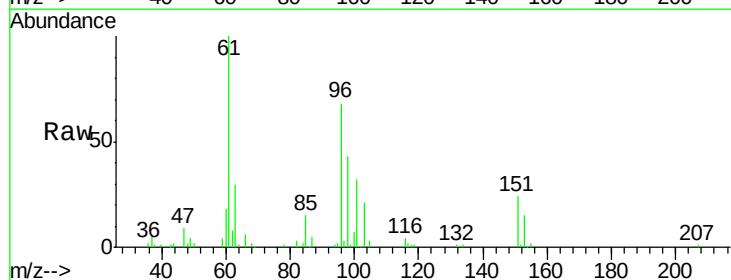
MMDadoda
6/8/2020 11:49:06 AM

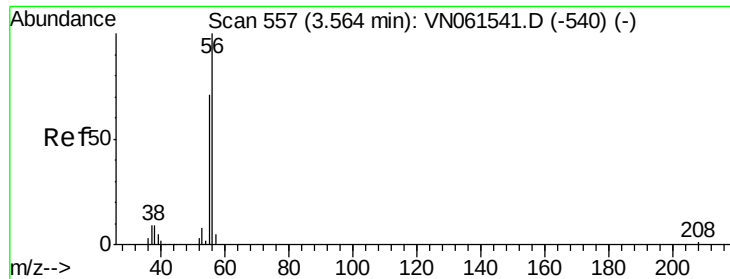


#12

1,1-Dichloroethene
Concen: 18.407 ug/l
RT: 3.69 min Scan# 597
Delta R.T. 0.00 min
Lab File: VN061660.D
Acq: 5 Jun 2020 11:35

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	66899		
61	147.4		120.5	180.7
98	63.6		50.8	76.2





#13

Acrolein

Concen: 79.408 ug/l

RT: 3.56 min Scan# 557

Delta R.T. 0.00 min

Lab File: VN061660.D

Acq: 5 Jun 2020 11:35

Instrument :

MSVOA_N

ClientSampleId :

VN0605WBS01

Tot Ion: 56 Resp: 16381

Ion Ratio Lower Upper

56 100

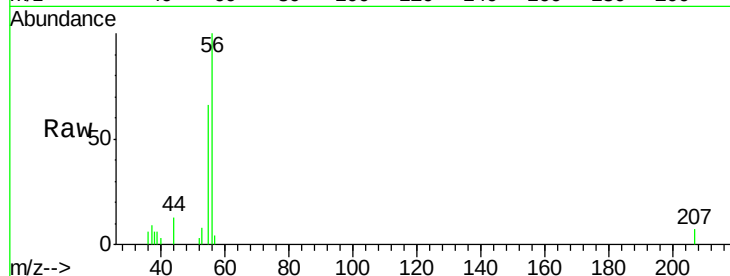
55 70.2 58.0 87.0

Manual Integrations

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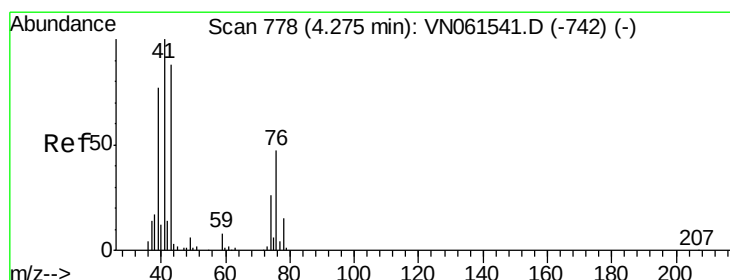
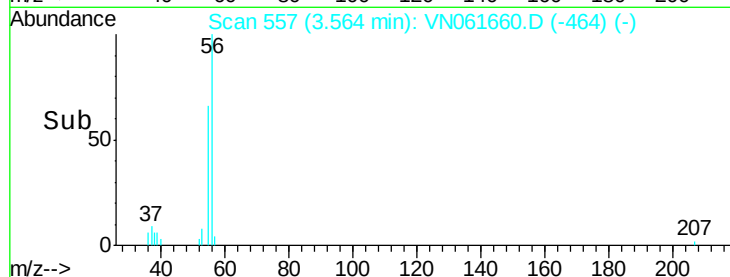
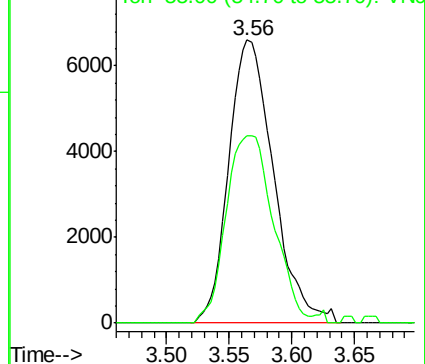
MMDadoda

6/8/2020 11:49:06 AM



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 18.101 ug/l

RT: 4.27 min Scan# 778

Delta R.T. 0.00 min

Lab File: VN061660.D

Acq: 5 Jun 2020 11:35

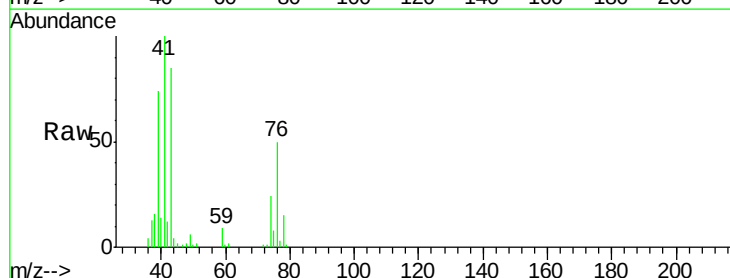
Tgt Ion: 41 Resp: 86007

Ion Ratio Lower Upper

41 100

39 72.4 58.6 88.0

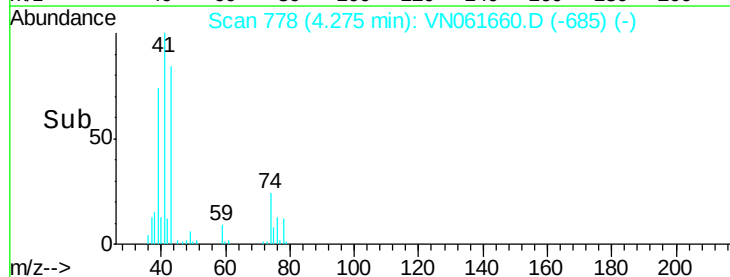
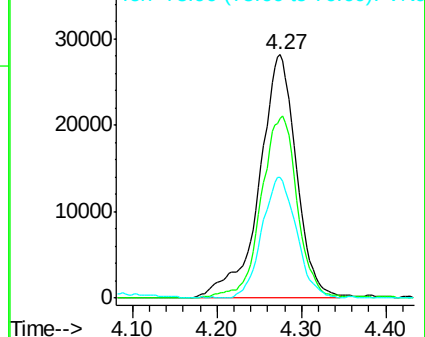
76 46.0 34.2 51.4

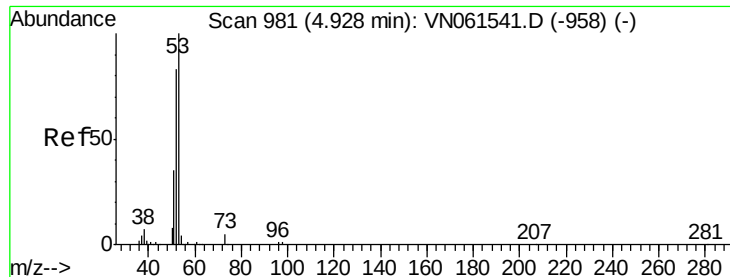


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





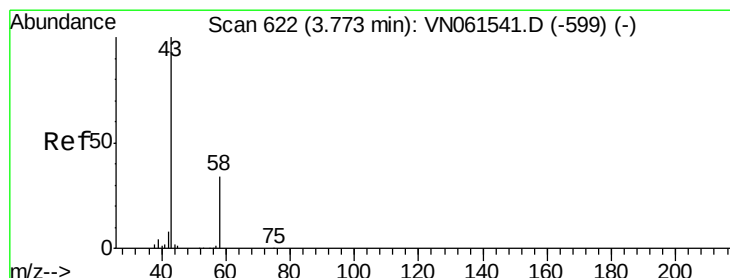
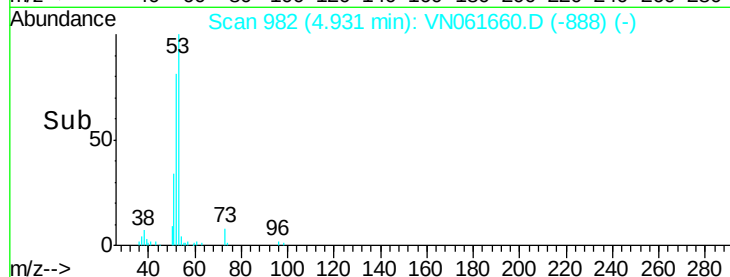
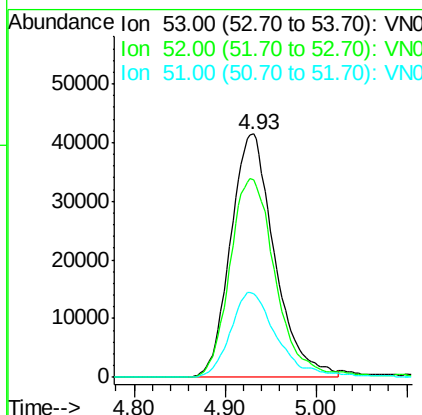
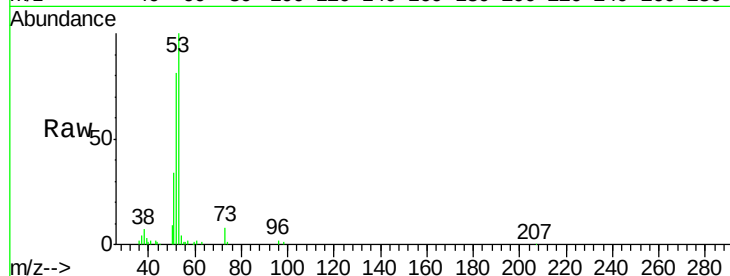
#15
 Acrylonitrile
 Concen: 88.529 ug/l
 RT: 4.93 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VN061660.D
 Acq: 5 Jun 2020 11:35

Instrument :
 MSVOA_N
 ClientSampled :
 VN0605WBS01

Tot Ion	Ratio	Lower	Upper
53	100		
52	83.3	65.4	98.2
51	36.0	29.0	43.6

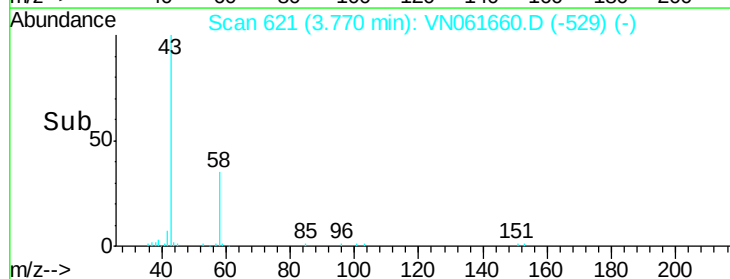
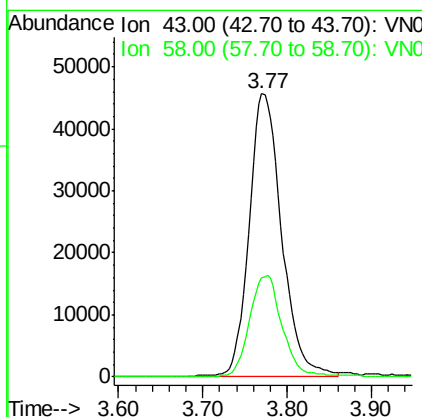
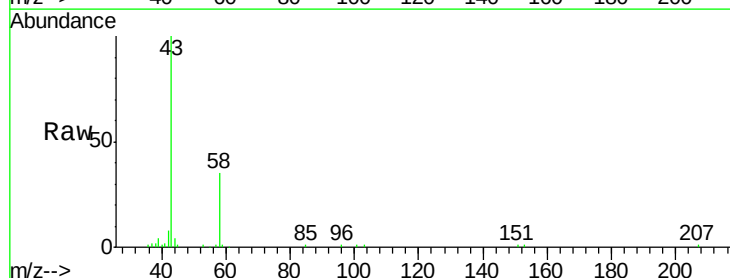
Manual Integrations
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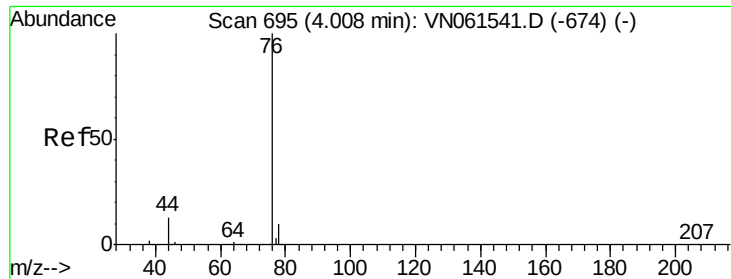
MMDadoda
 6/8/2020 11:49:06 AM



#16
 Acetone
 Concen: 101.404 ug/l
 RT: 3.77 min Scan# 621
 Delta R.T. -0.00 min
 Lab File: VN061660.D
 Acq: 5 Jun 2020 11:35

Tgt Ion	Ratio	Lower	Upper
43	100		
58	34.8	27.2	40.8





#17

Carbon Disulfide

Concen: 18.965 ug/l

RT: 4.01 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN061660.D

Acq: 5 Jun 2020 11:35

Instrument :

MSVOA_N

ClientSampleId :

VN0605WBS01

Tot Ion: 76 Resp: 151650

Ion Ratio Lower Upper

76 100

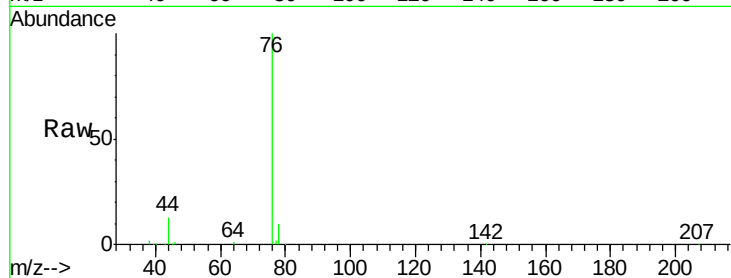
78 9.6 7.8 11.6

Manual Integrations

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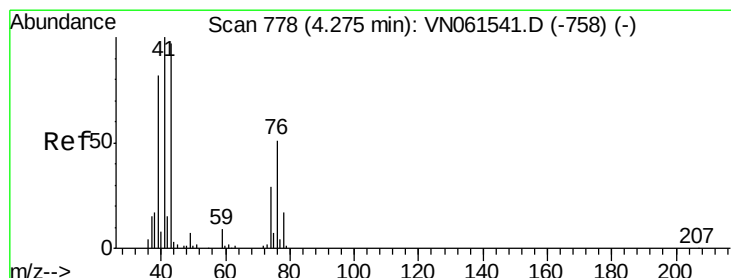
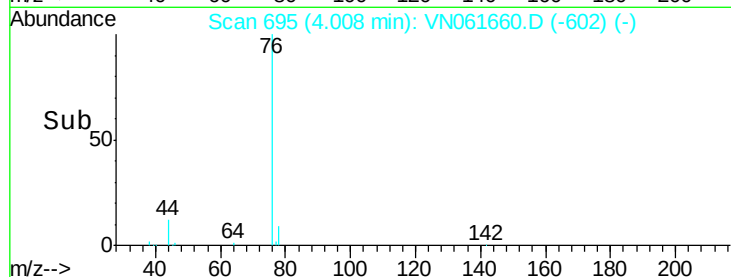
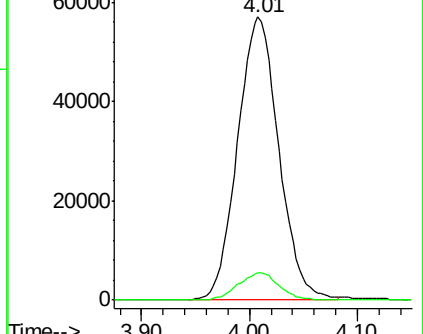
MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 17.876 ug/l

RT: 4.27 min Scan# 778

Delta R.T. 0.00 min

Lab File: VN061660.D

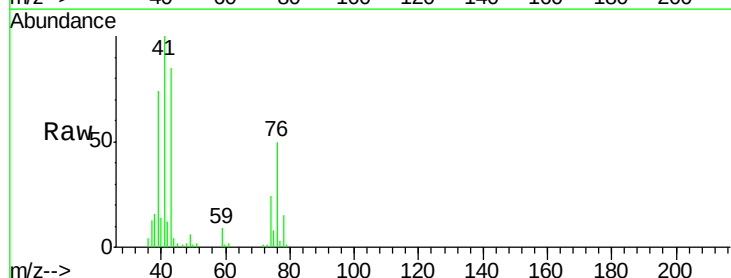
Acq: 5 Jun 2020 11:35

Tgt Ion: 43 Resp: 68579

Ion Ratio Lower Upper

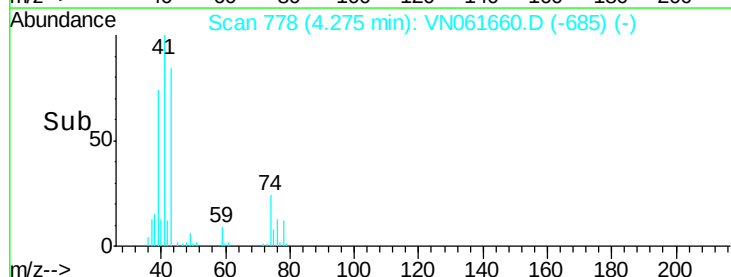
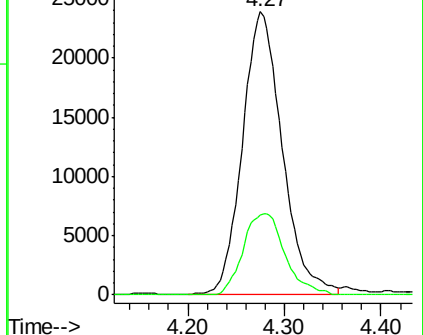
43 100

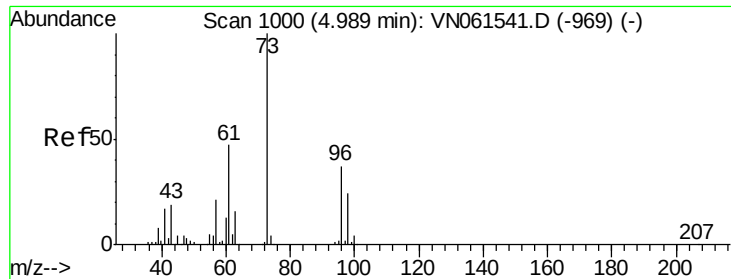
74 29.9 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0





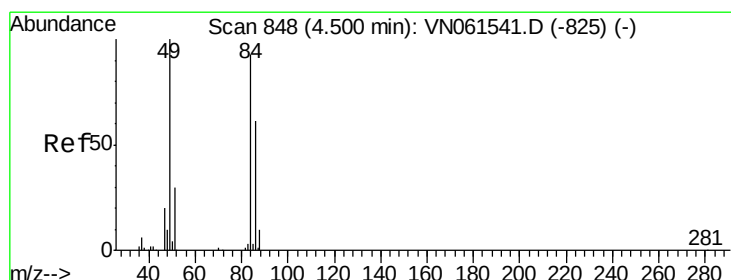
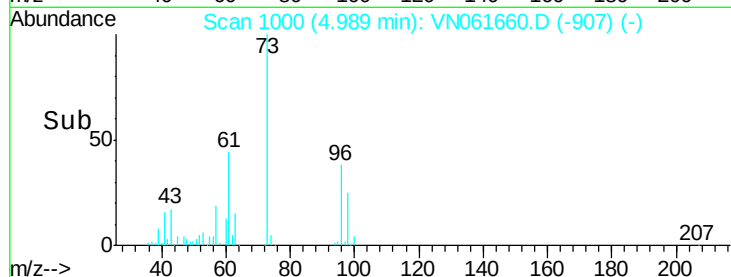
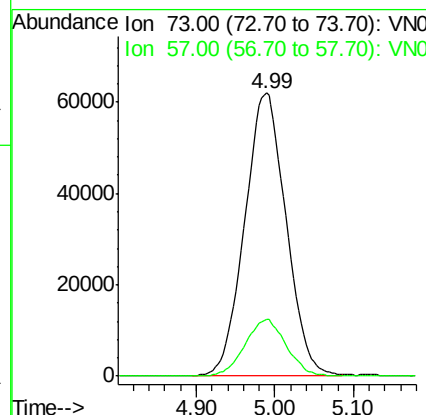
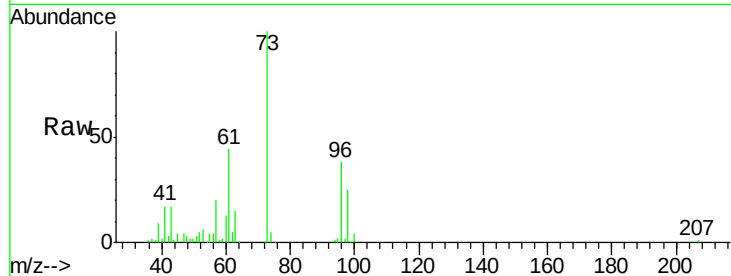
#19
Methvl tert-butyl Ether
Concen: 18.562 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. 0.00 min
Lab File: VN061660.D
Acq: 5 Jun 2020 11:35

Instrument :
MSVOA_N
ClientSampled :
VN0605WBS01

Tot Ion: 73 Resp: 229921
Ion Ratio Lower Upper
73 100
57 19.9 16.4 24.6

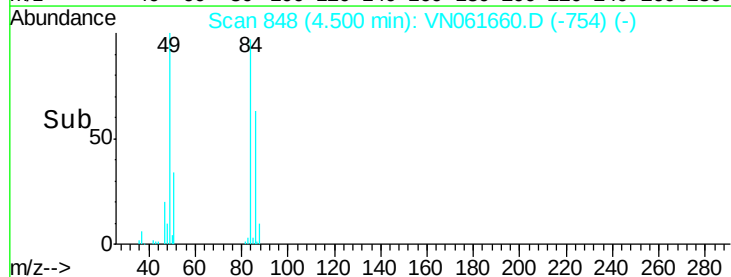
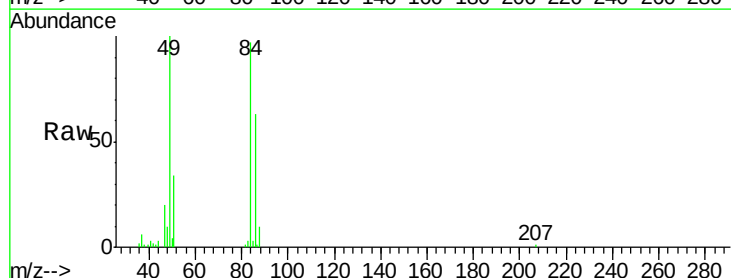
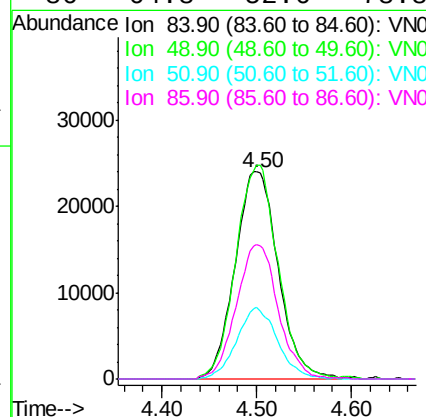
Manual Integrations
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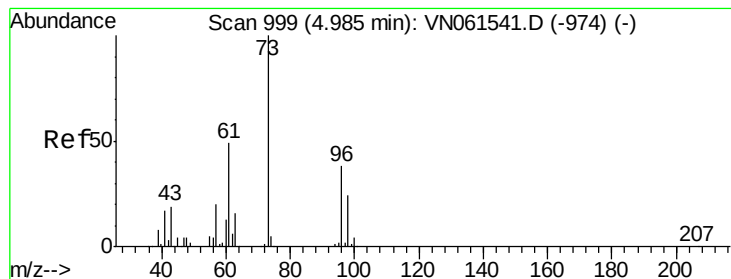
MMDadoda
6/8/2020 11:49:06 AM



#20
Methylene Chloride
Concen: 18.669 ug/l
RT: 4.50 min Scan# 848
Delta R.T. 0.00 min
Lab File: VN061660.D
Acq: 5 Jun 2020 11:35

Tgt Ion: 84 Resp: 76109
Ion Ratio Lower Upper
84 100
49 102.9 85.8 128.8
51 34.8 26.2 39.2
86 64.8 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 18.399 ug/l

RT: 4.99 min Scan# 999

Delta R.T. 0.00 min

Lab File: VN061660.D

Acq: 5 Jun 2020 11:35

Instrument :

MSVOA_N

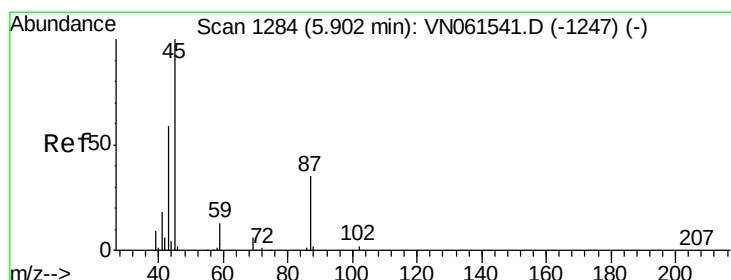
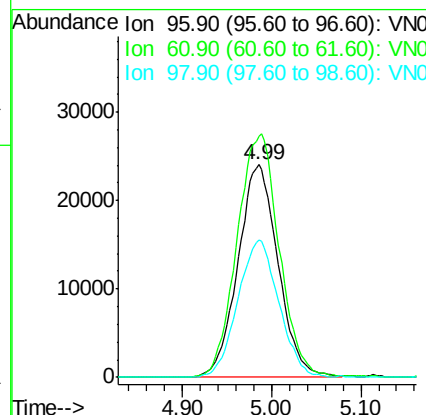
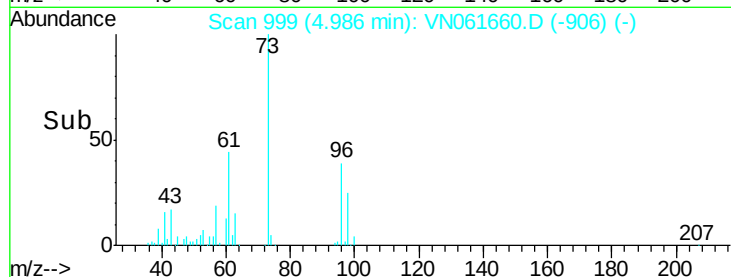
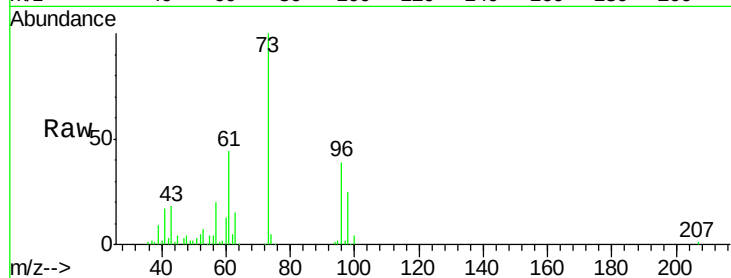
ClientSampleId :

VN0605WBS01

Tot Ion:	96	Resp:	75415
Ion	Ratio	Lower	Upper
96	100		
61	113.3	101.4	152.0
98	64.6	50.6	76.0

Manual Integrations
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6/8/2020 11:49:06 AM



#22

Diisopropyl ether

Concen: 18.764 ug/l

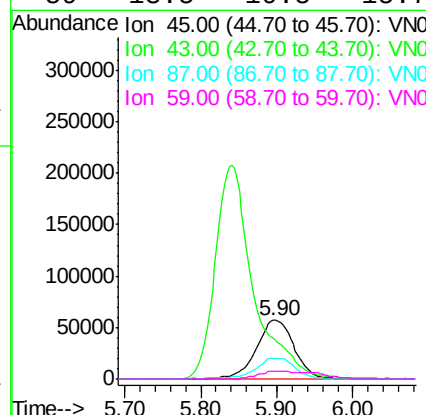
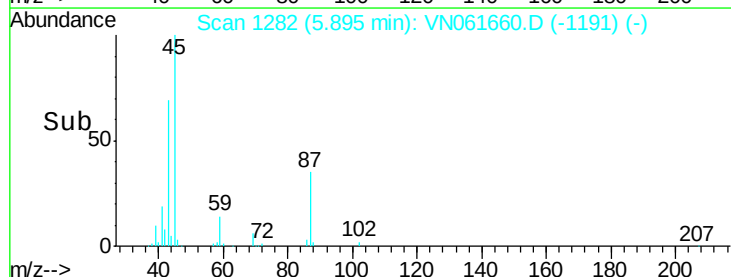
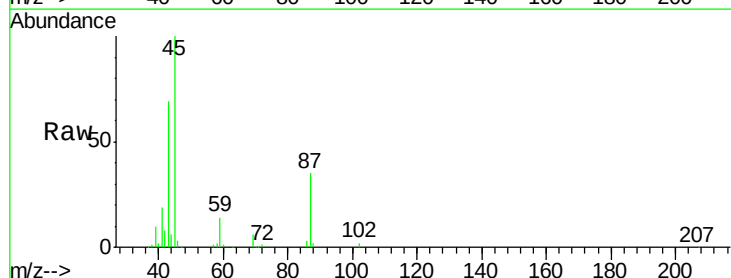
RT: 5.90 min Scan# 1282

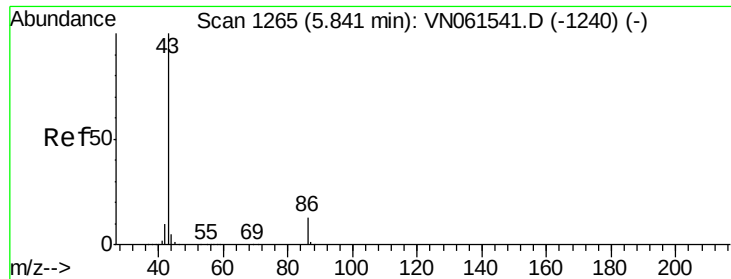
Delta R.T. -0.01 min

Lab File: VN061660.D

Acq: 5 Jun 2020 11:35

Tgt Ion:	45	Resp:	196504
Ion	Ratio	Lower	Upper
45	100		
43	66.4	47.9	71.9
87	35.3	28.4	42.6
59	13.5	10.5	15.7





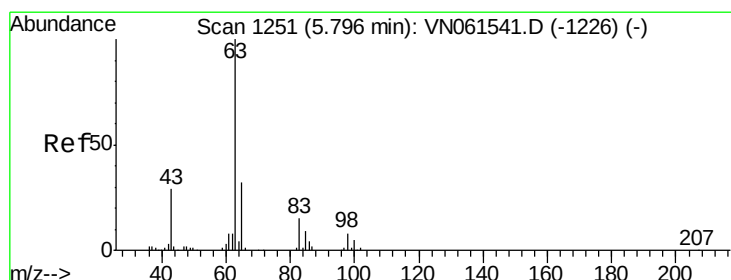
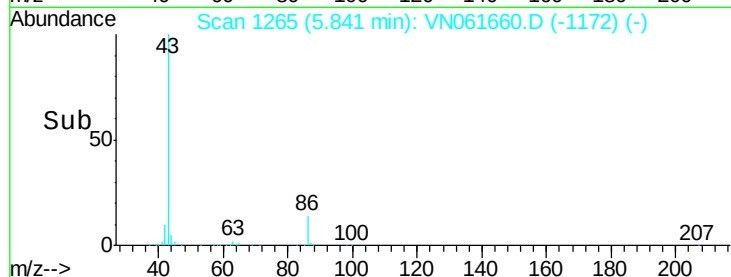
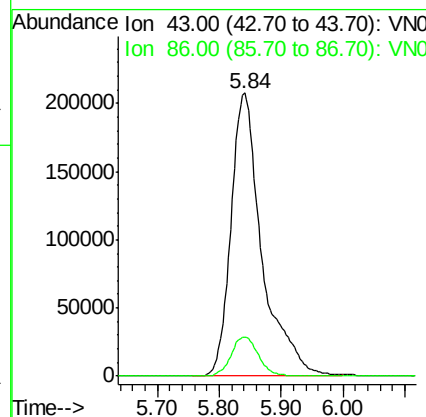
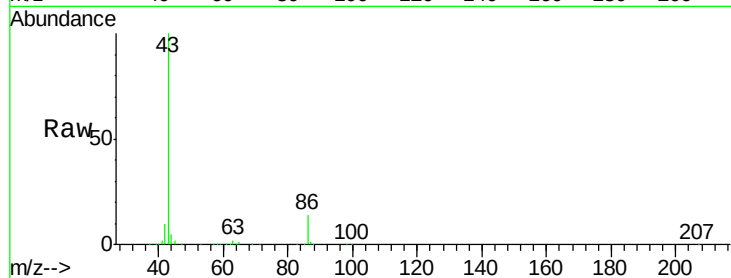
#23
 Vinyl Acetate
 Concen: 86.701 ug/l
 RT: 5.84 min Scan# 1265
 Delta R.T. 0.00 min
 Lab File: VN061660.D
 Acq: 5 Jun 2020 11:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0605WBS01

Tot Ion	43	Resp	723678
Ion Ratio	Lower	Upper	
43	100		
86	13.9	10.6	16.0

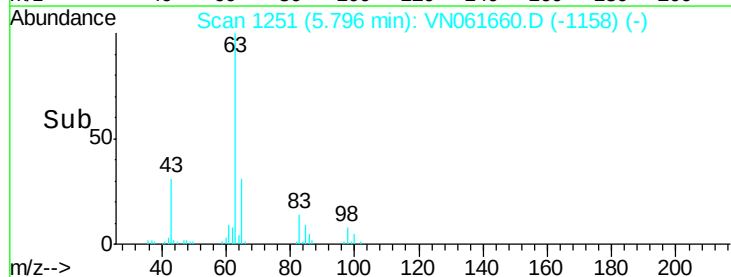
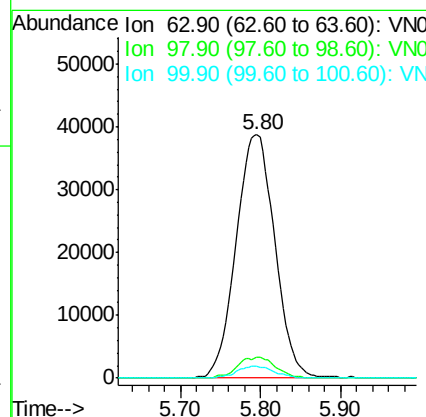
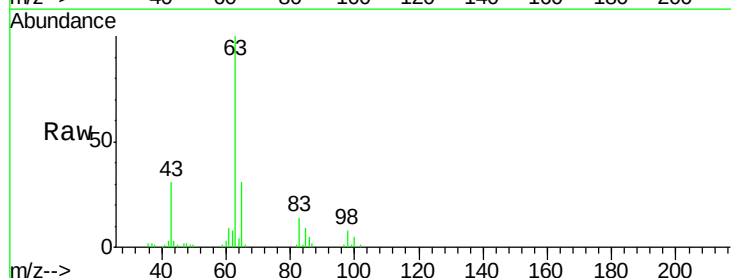
Manual Integrations
 APPROVED

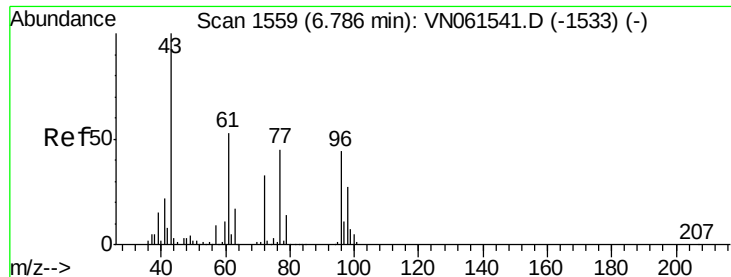
MMDadoda
 6/8/2020 11:49:06 AM



#24
 1,1-Dichloroethane
 Concen: 19.177 ug/l
 RT: 5.80 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: VN061660.D
 Acq: 5 Jun 2020 11:35

Tgt Ion	63	Resp	127353
Ion Ratio	Lower	Upper	
63	100		
98	8.4	3.8	11.4
100	4.8	2.5	7.6





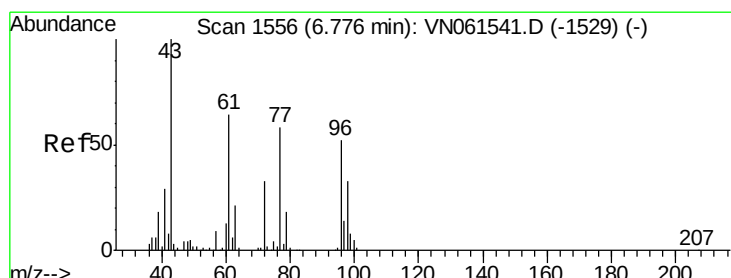
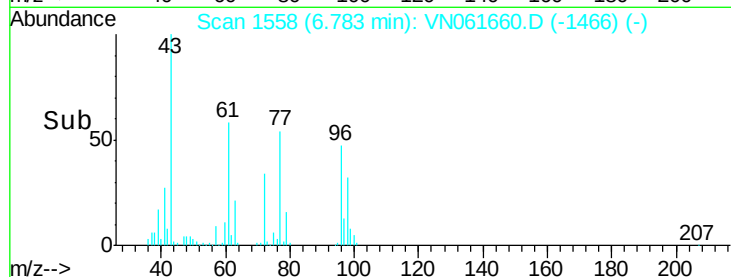
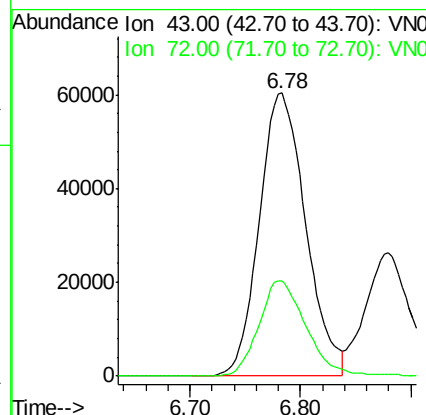
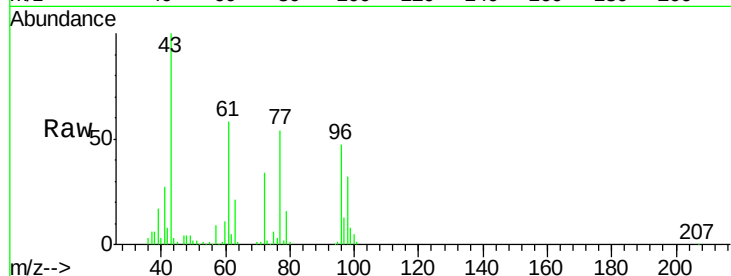
#25
2-Butanone
Concen: 87.653 ug/l
RT: 6.78 min Scan# 1558
Delta R.T. -0.00 min
Lab File: VN061660.D
Acq: 5 Jun 2020 11:35

Instrument :
MSVOA_N
ClientSampleId :
VN0605WBS01

Tot Ion: 43 Resp: 176043
Ion Ratio Lower Upper
43 100
72 33.7 26.0 39.0

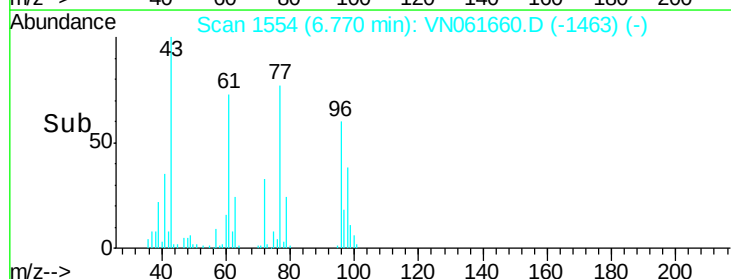
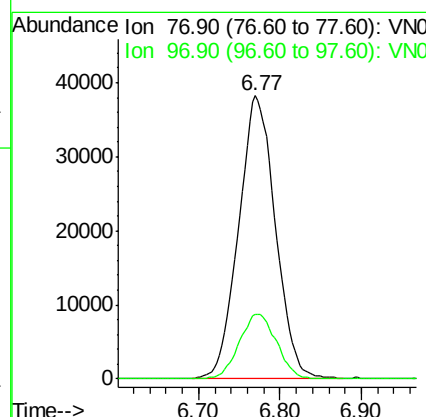
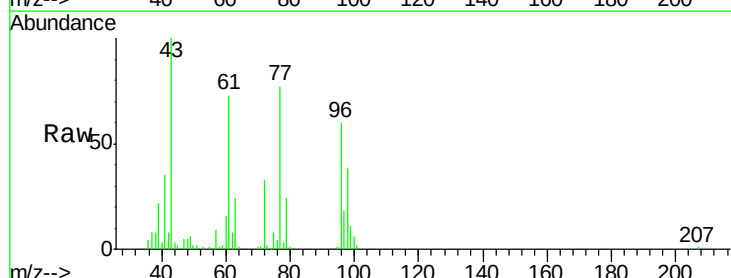
Manual Integrations
APPROVED

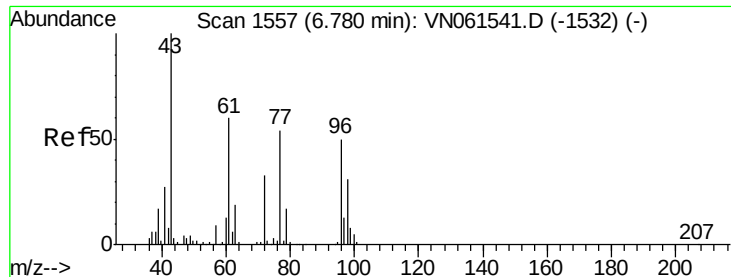
MMDadoda
6/8/2020 11:49:06 AM



#26
2,2-Dichloropropane
Concen: 19.644 ug/l
RT: 6.77 min Scan# 1554
Delta R.T. -0.01 min
Lab File: VN061660.D
Acq: 5 Jun 2020 11:35

Tgt Ion: 77 Resp: 119399
Ion Ratio Lower Upper
77 100
97 23.0 12.0 36.0





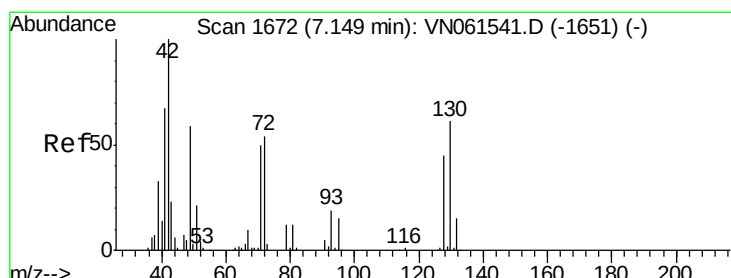
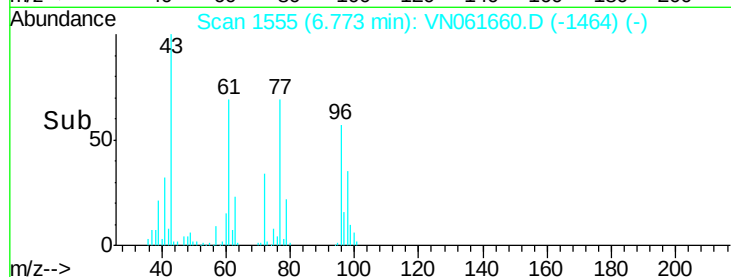
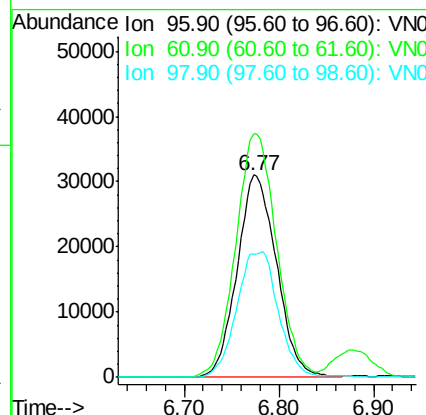
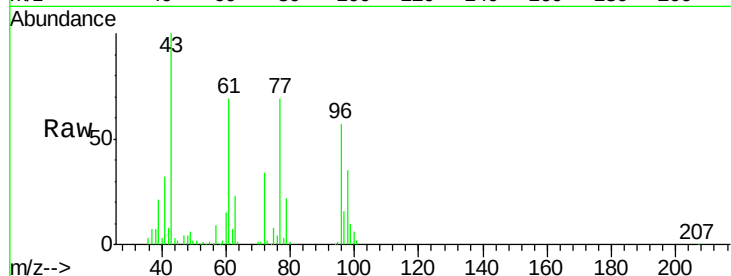
#27
 cis-1,2-Dichloroethene
 Concen: 19.380 ug/l
 RT: 6.77 min Scan# 1555
 Delta R.T. -0.01 min
 Lab File: VN061660.D
 Acq: 5 Jun 2020 11:35

Instrument :
 MSVOA_N
 ClientSampled :
 VN0605WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	124.5	0.0	252.2	
98	65.2	0.0	129.2	

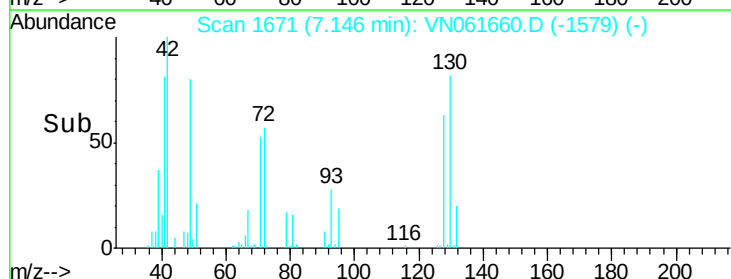
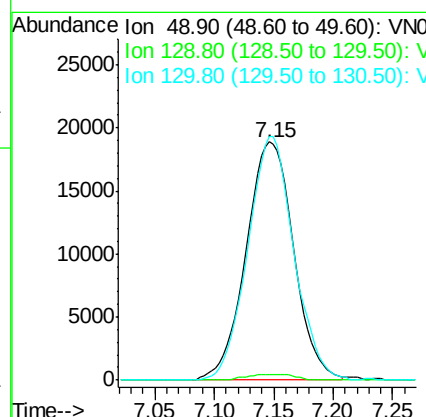
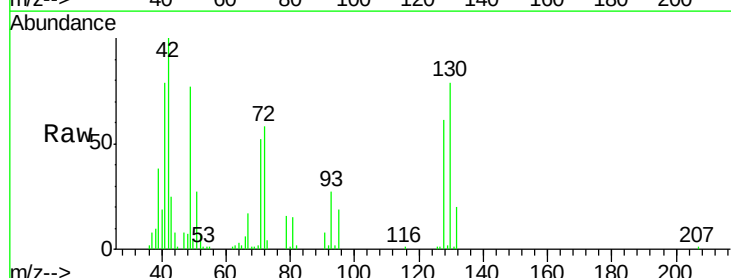
Manual Integrations
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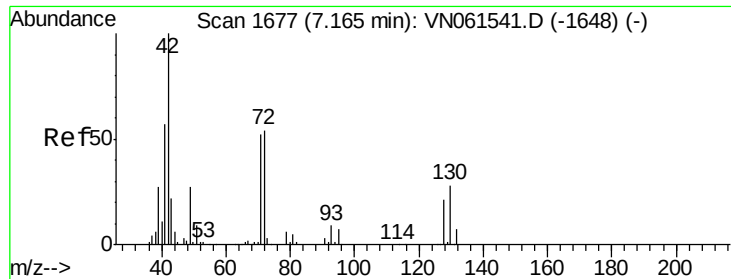
MMDadoda
 6/8/2020 11:49:06 AM



#28
 Bromochloromethane
 Concen: 20.154 ug/l
 RT: 7.15 min Scan# 1671
 Delta R.T. -0.00 min
 Lab File: VN061660.D
 Acq: 5 Jun 2020 11:35

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.5	0.0	4.8	
130	98.8	78.8	118.2	





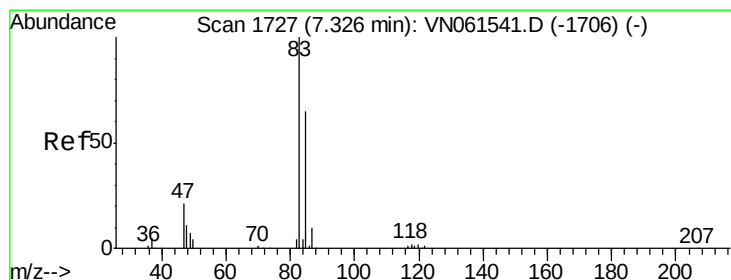
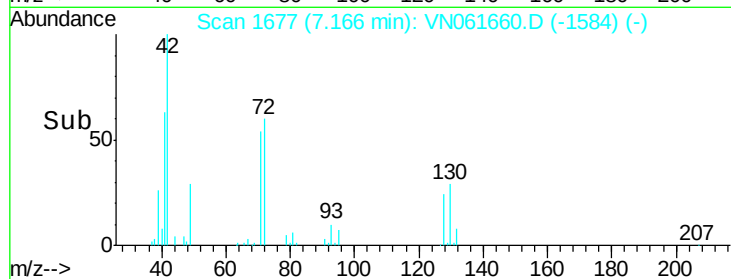
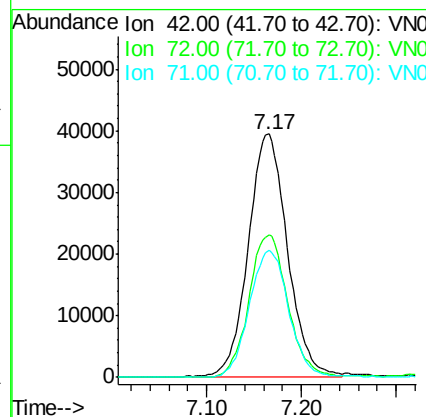
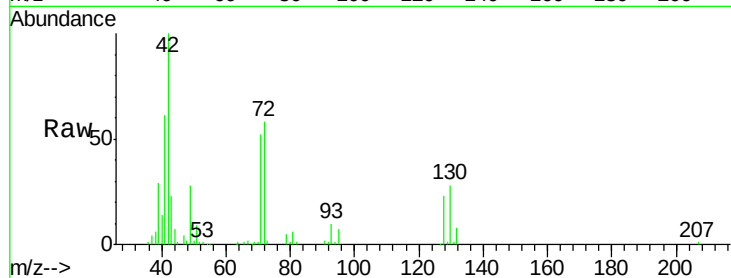
#29
Tetrahydrofuran
Concen: 84.927 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. 0.00 min
Lab File: VN061660.D
Acq: 5 Jun 2020 11:35

Instrument :
MSVOA_N
ClientSampled :
VN0605WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	58.5	43.6	65.4
71	52.8	41.2	61.8

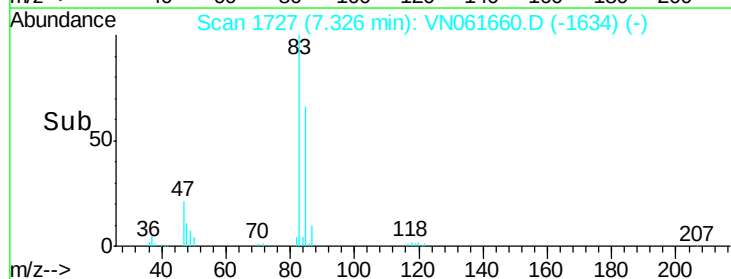
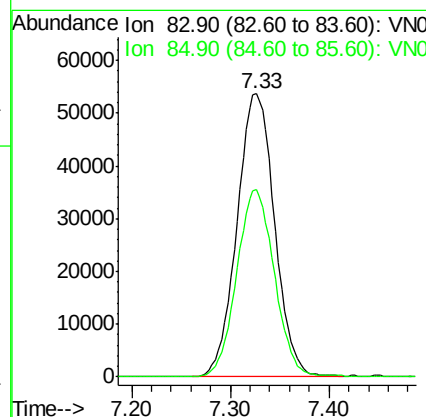
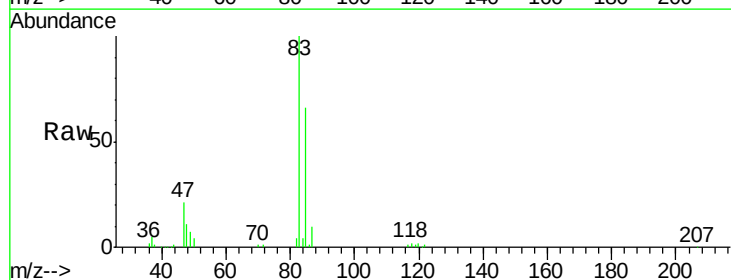
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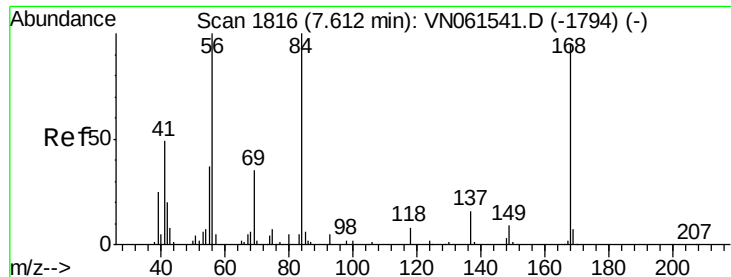
MMDadoda
6/8/2020 11:49:06 AM



#30
Chloroform
Concen: 19.299 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VN061660.D
Acq: 5 Jun 2020 11:35

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.3	51.7	77.5





#31

Cyclohexane

Concen: 17.927 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VN061660.D

Acq: 5 Jun 2020 11:35

Instrument :

MSVOA_N

ClientSampled :

VN0605WBS01

Tot Ion: 56 Resp: 107069

Ion Ratio Lower Upper

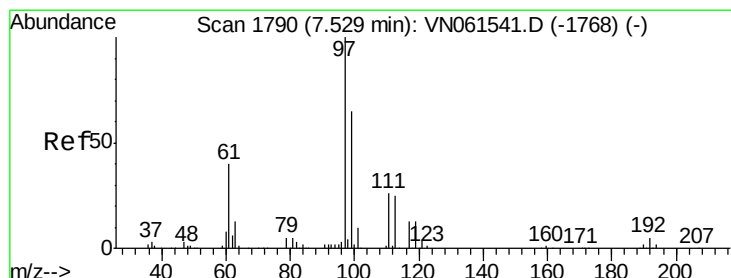
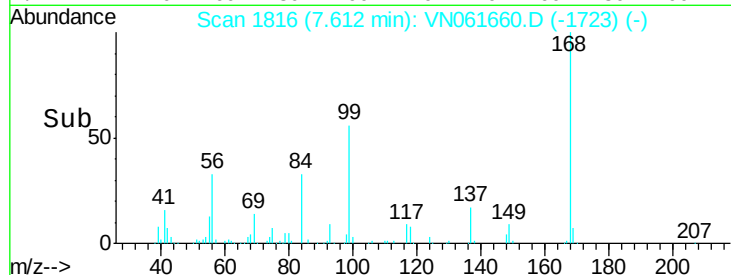
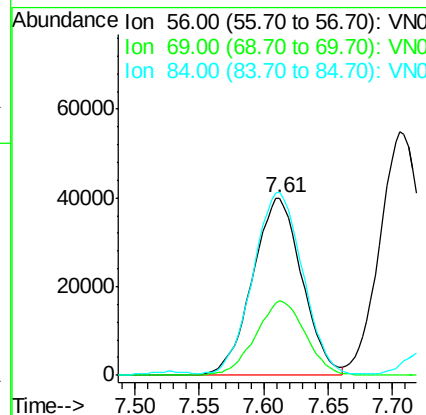
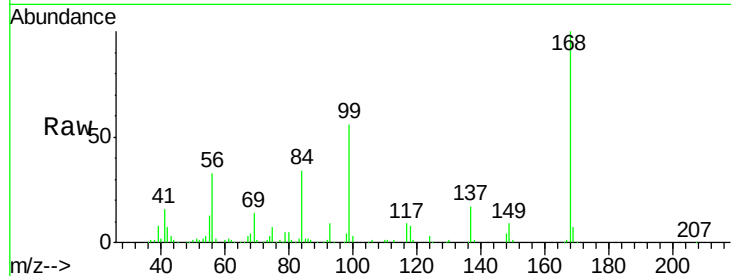
56 100

69 41.9 27.8 41.8#

84 102.2 79.9 119.9

Manual Integrations
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6/8/2020 11:49:06 AM



#32

1,1,1-Trichloroethane

Concen: 19.137 ug/l

RT: 7.53 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VN061660.D

Acq: 5 Jun 2020 11:35

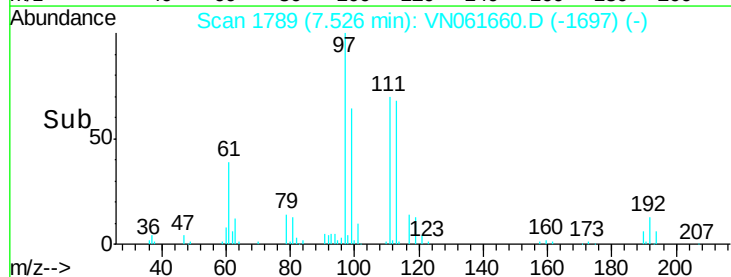
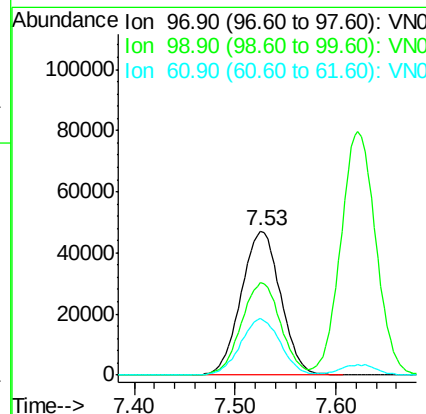
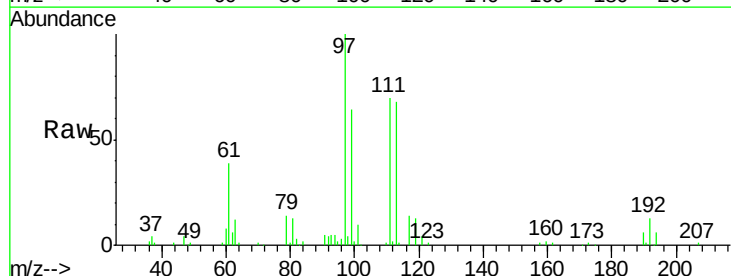
Tgt Ion: 97 Resp: 128109

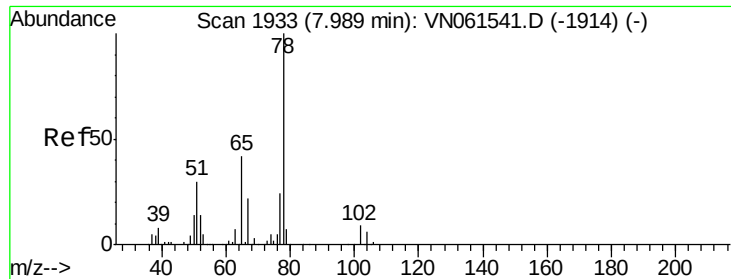
Ion Ratio Lower Upper

97 100

99 64.0 51.4 77.0

61 39.6 31.4 47.0





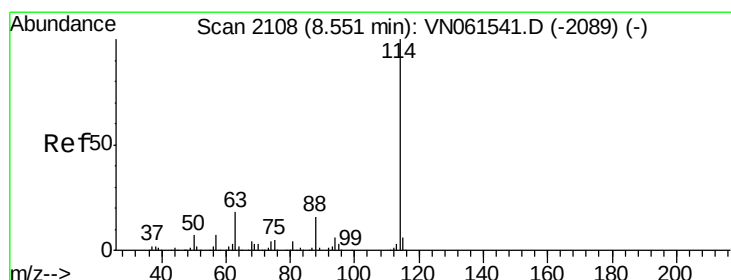
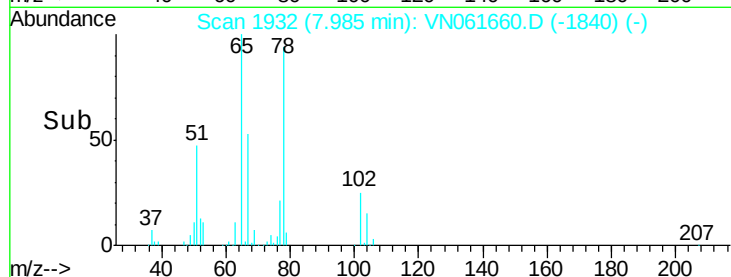
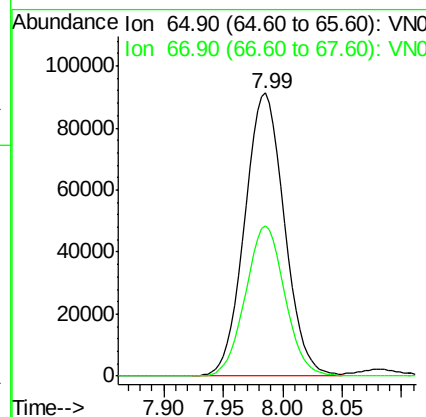
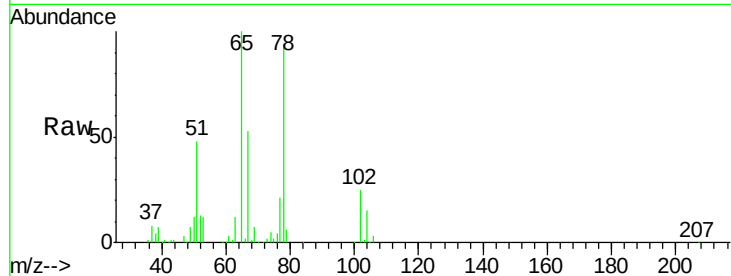
#33
 1,2-Dichloroethane-d4
 Concen: 49.954 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN061660.D
 Acq: 5 Jun 2020 11:35

Instrument :
 MSVOA_N
 ClientSampled :
 VN0605WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	211692		
67	52.7	0.0	104.8	

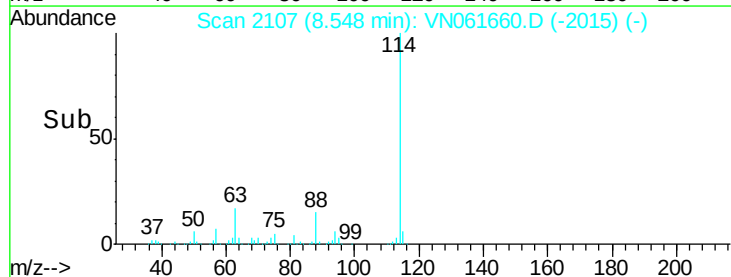
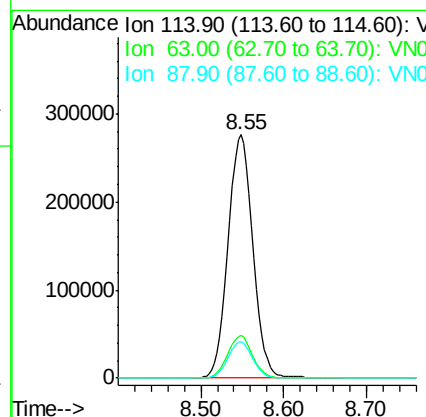
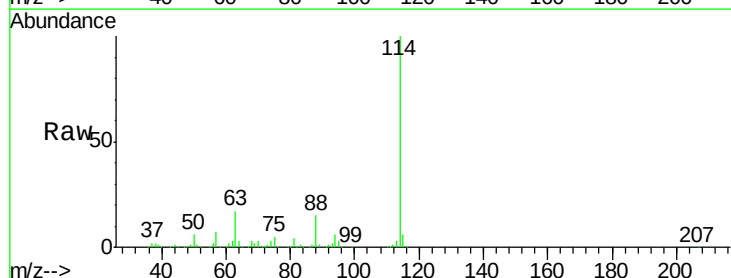
Manual Integrations
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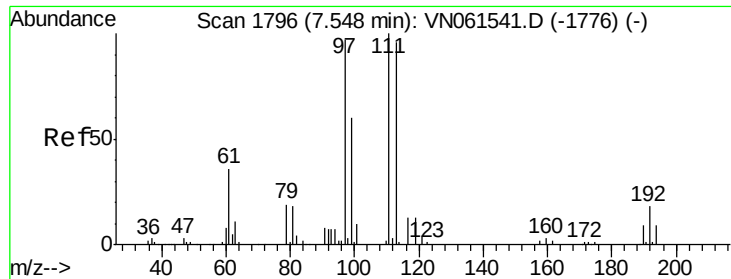
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN061660.D
 Acq: 5 Jun 2020 11:35

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	574320		
63	17.4	0.0	35.8	
88	15.1	0.0	31.0	





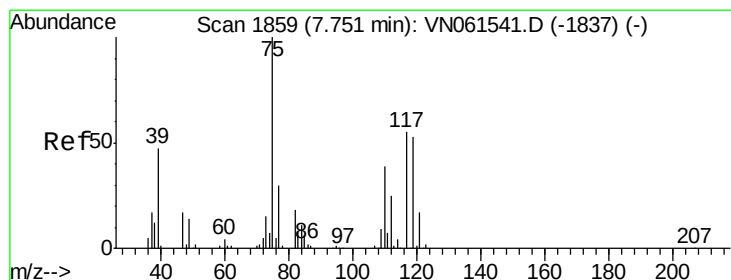
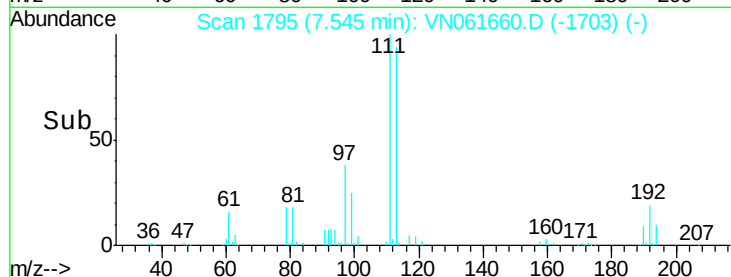
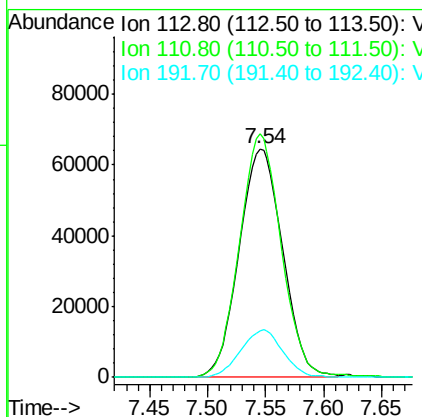
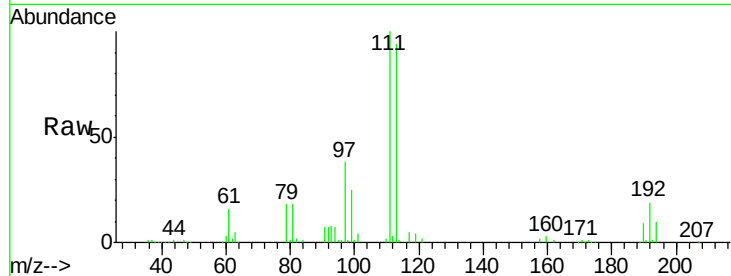
#35
 Dibromofluoromethane
 Concen: 57.989 ug/l
 RT: 7.54 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VN061660.D
 Acq: 5 Jun 2020 11:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0605WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	168947		
111	102.1	83.4	125.0	
192	20.1	15.4	23.2	

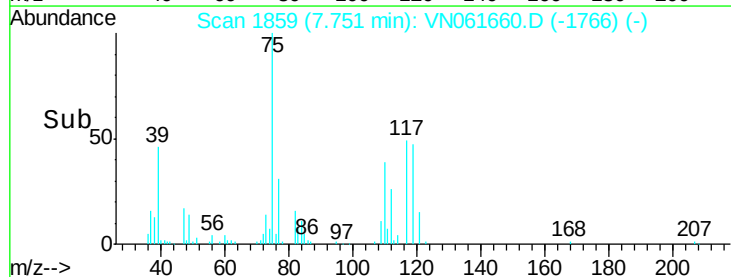
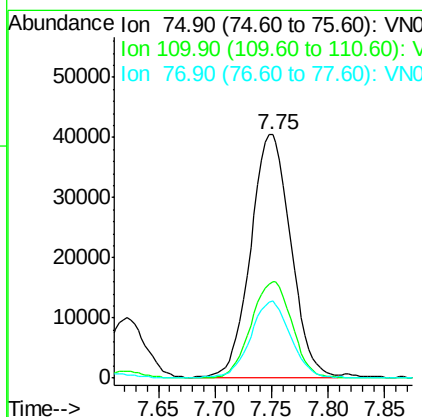
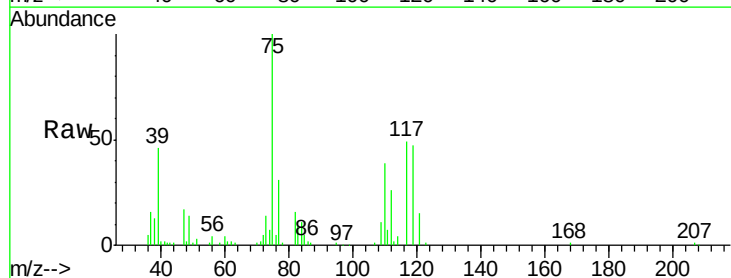
Manual Integrations
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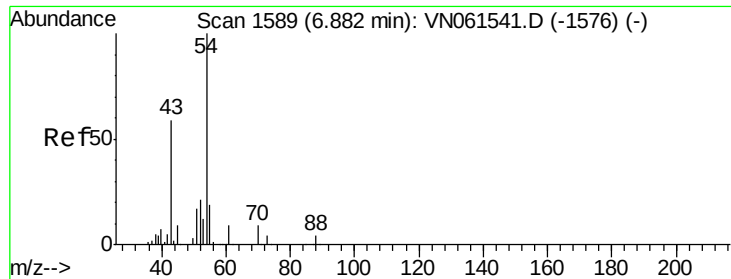
MMDadoda
 6/8/2020 11:49:06 AM



#36
 1,1-Dichloropropene
 Concen: 19.697 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: VN061660.D
 Acq: 5 Jun 2020 11:35

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	100142		
110	40.1	19.5	58.5	
77	31.4	24.7	37.1	





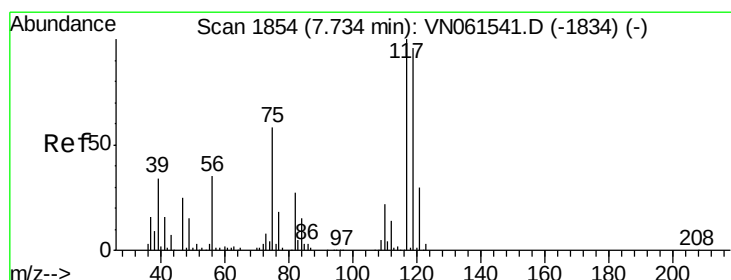
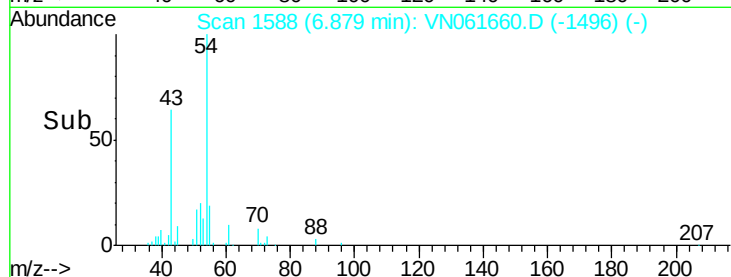
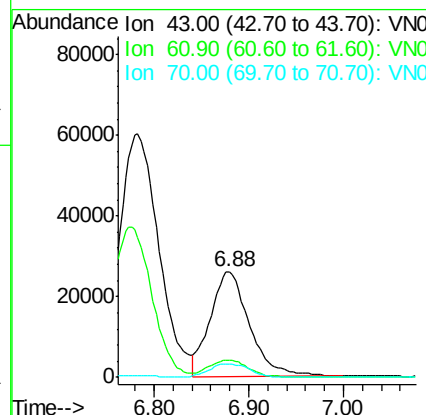
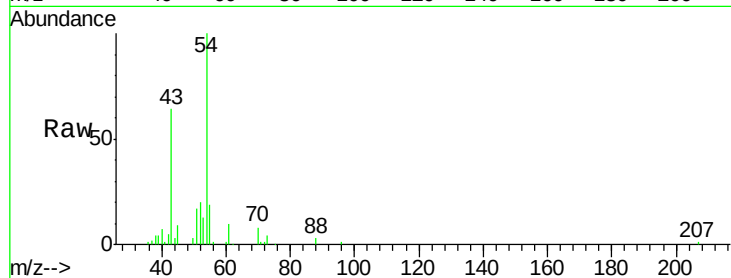
#37
Ethyl Acetate
Concen: 18.312 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.00 min
Lab File: VN061660.D
Acq: 5 Jun 2020 11:35

Instrument :
MSVOA_N
ClientSampled :
VN0605WBS01

Tot Ion	43	Resp	74989
Ion Ratio	100	Lower	Upper
43	100		
61	15.3	12.2	18.4
70	13.2	9.4	14.2

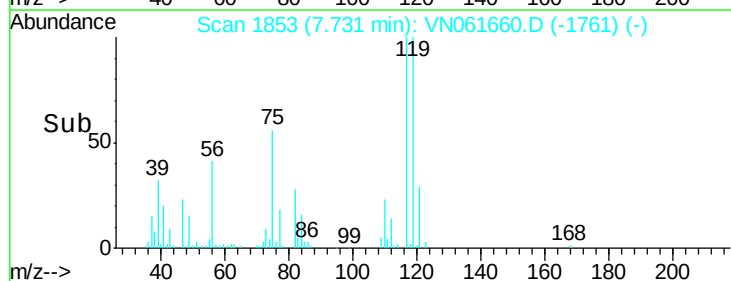
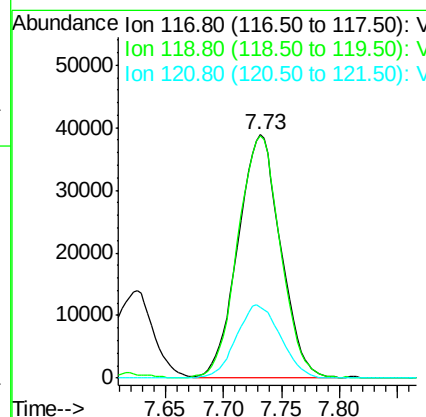
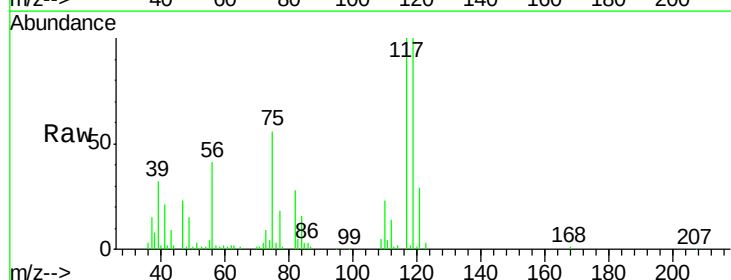
Manual Integrations
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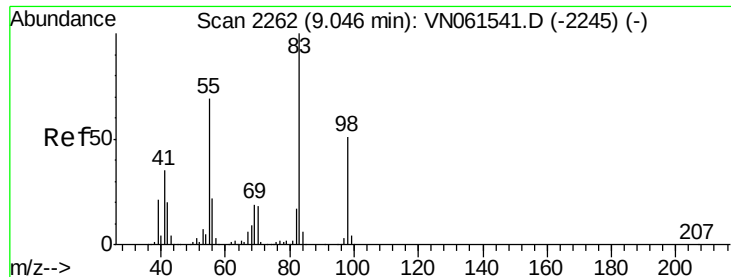
MMDadoda
6/8/2020 11:49:06 AM



#38
Carbon Tetrachloride
Concen: 20.318 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN061660.D
Acq: 5 Jun 2020 11:35

Tgt Ion	117	Resp	99640
Ion Ratio	100	Lower	Upper
117	100		
119	99.7	76.5	114.7
121	29.2	24.1	36.1





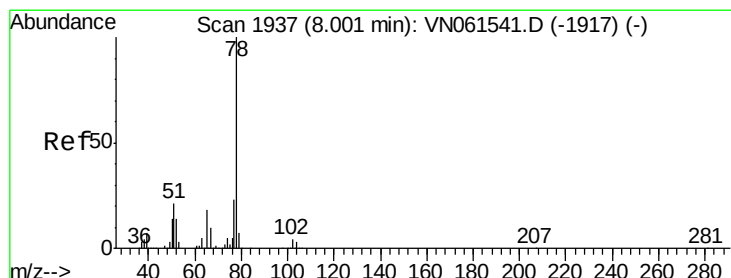
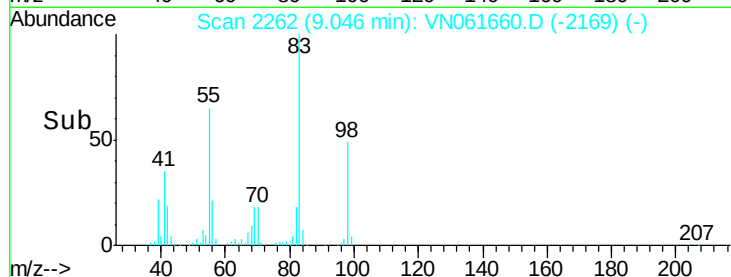
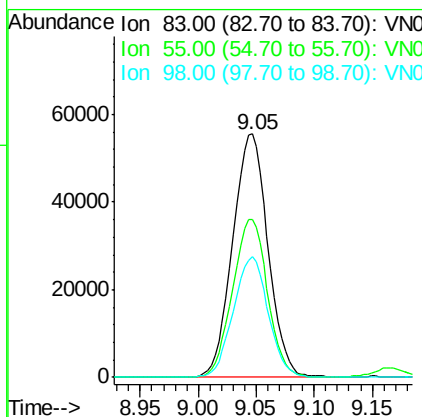
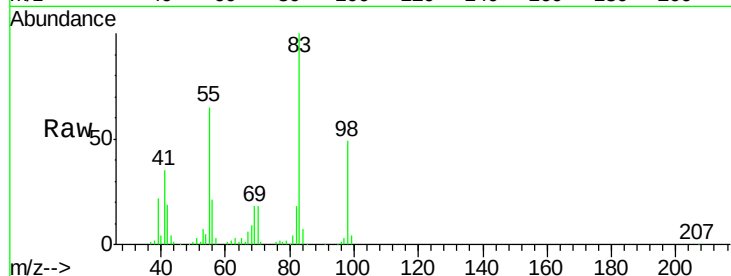
#39
Methylvlcyclohexane
Concen: 18.712 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VN061660.D
Acq: 5 Jun 2020 11:35

Instrument :
MSVOA_N
ClientSampleId :
VN0605WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	64.7	54.9	82.3
98	49.4	41.0	61.4

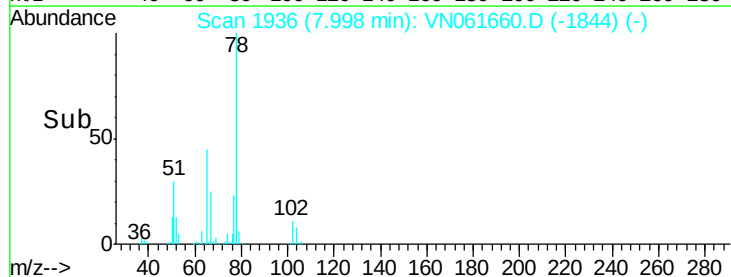
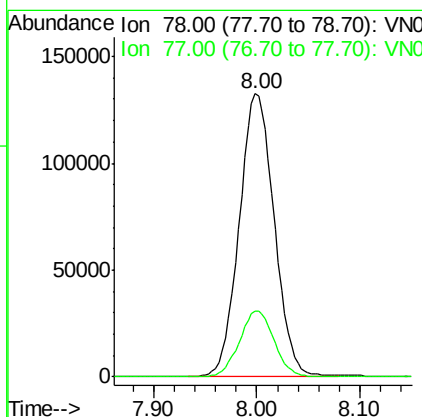
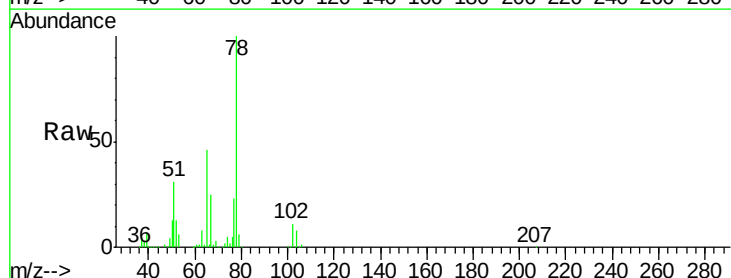
Manual Integrations
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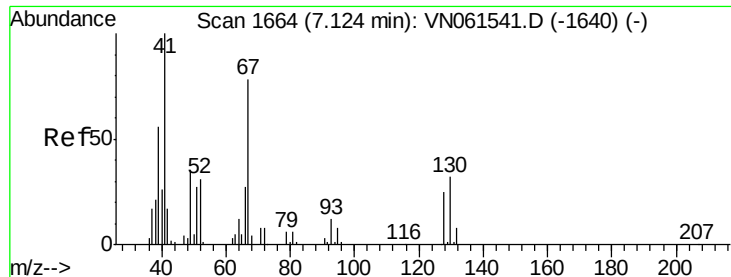
MMDadoda
6/8/2020 11:49:06 AM



#40
Benzene
Concen: 19.953 ug/l
RT: 8.00 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VN061660.D
Acq: 5 Jun 2020 11:35

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.6	28.0





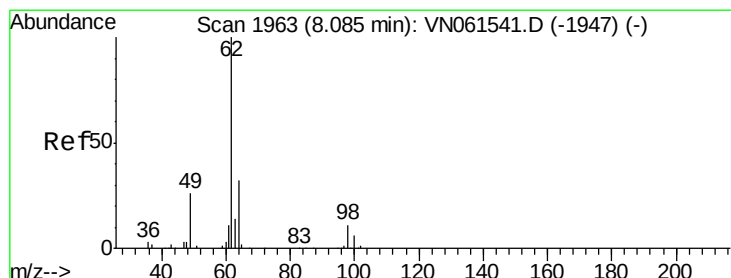
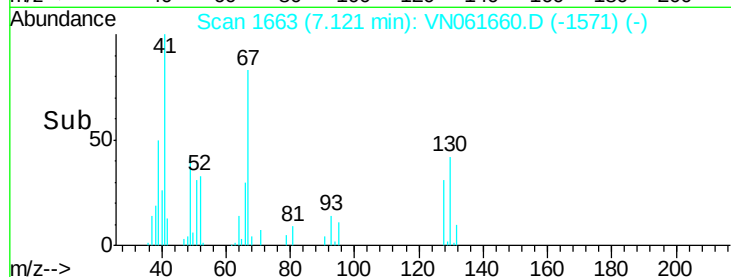
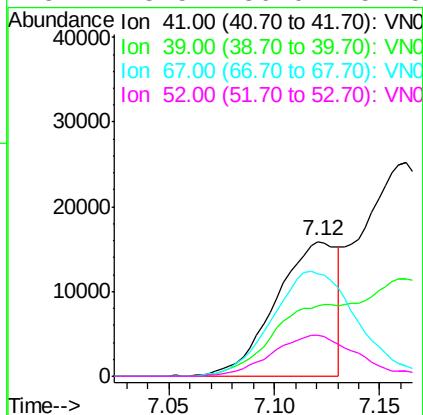
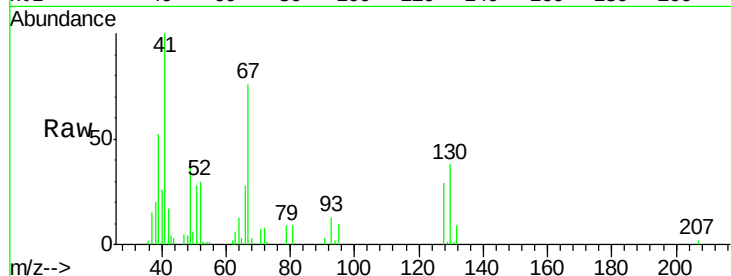
#41
Methacrylonitrile
Concen: 17.130 ug/l
RT: 7.12 min Scan# 1663
Delta R.T. -0.00 min
Lab File: VN061660.D
Acq: 5 Jun 2020 11:35

Instrument :
MSVOA_N
ClientSampled :
VN0605WBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	56.6	53.8	80.6
67	109.0	91.1	136.7
52	43.5	36.0	54.0

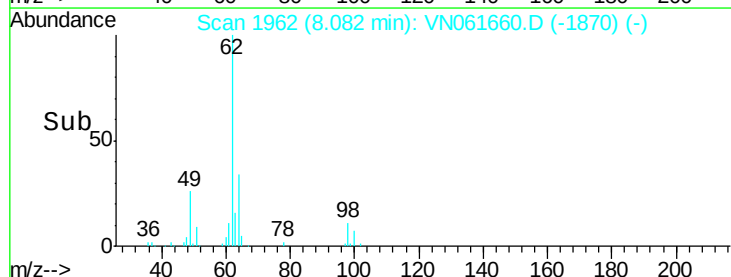
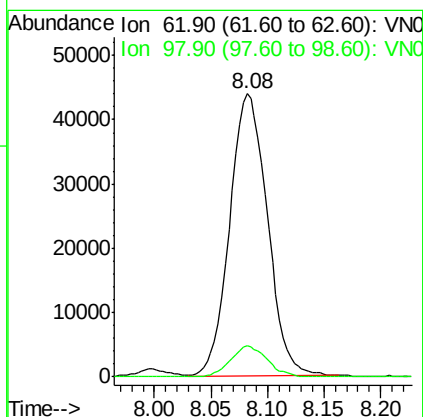
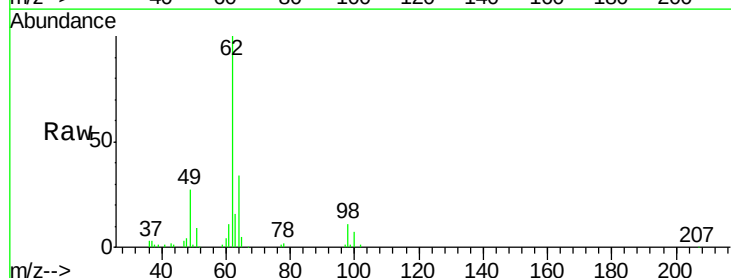
Manual Integrations
APPROVED

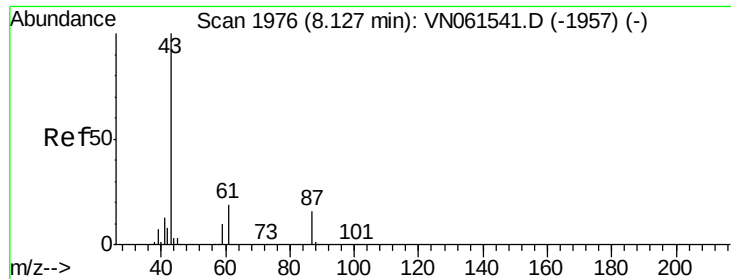
MMDadoda
6/8/2020 11:49:06 AM



#42
1,2-Dichloroethane
Concen: 19.410 ug/l
RT: 8.08 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VN061660.D
Acq: 5 Jun 2020 11:35

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	21.4





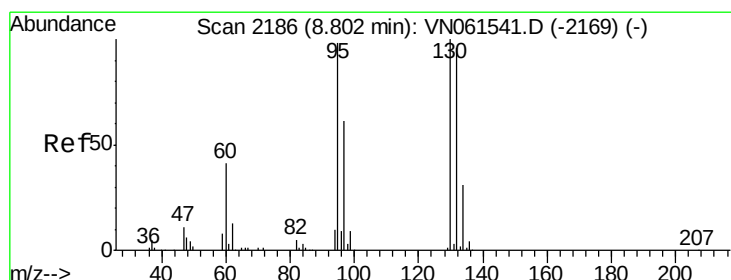
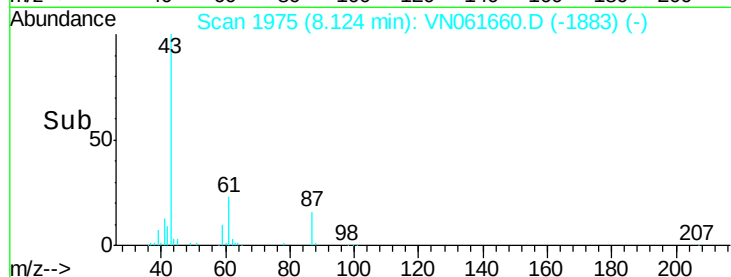
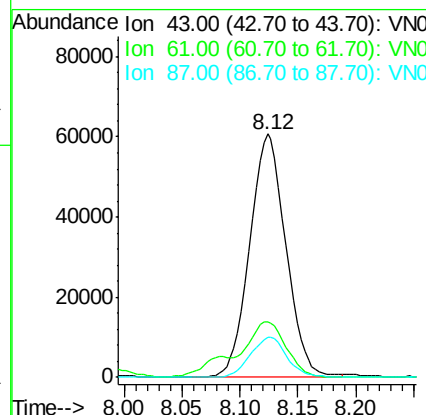
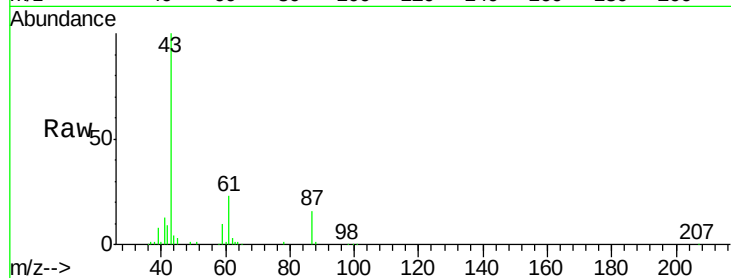
#43
Isopropyl Acetate
Concen: 17.957 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN061660.D
Acq: 5 Jun 2020 11:35

Instrument :
MSVOA_N
ClientSampleId :
VN0605WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	24.2	23.6	35.4
87	16.6	13.0	19.6

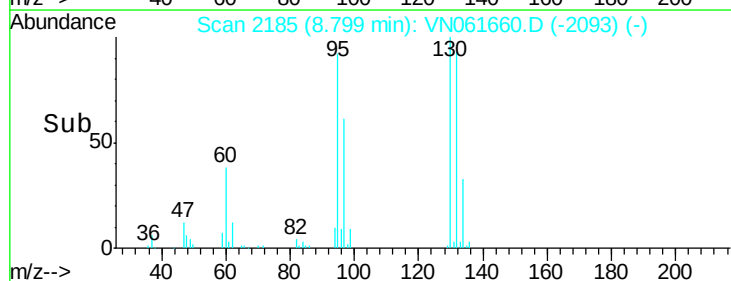
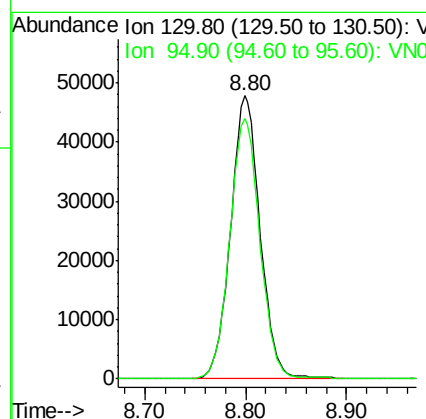
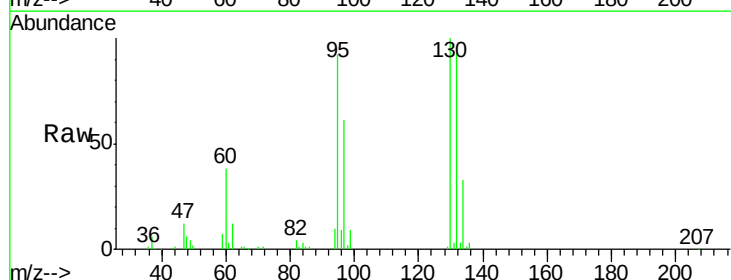
Manual Integrations
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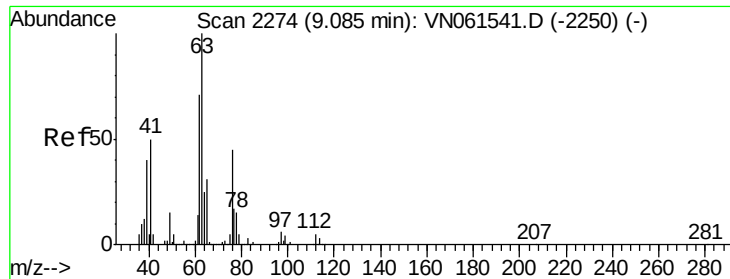
MMDadoda
6/8/2020 11:49:06 AM



#44
Trichloroethene
Concen: 20.170 ug/l
RT: 8.80 min Scan# 2185
Delta R.T. -0.00 min
Lab File: VN061660.D
Acq: 5 Jun 2020 11:35

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.9	0.0	196.6





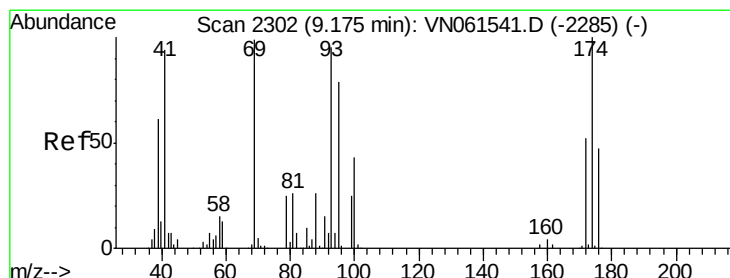
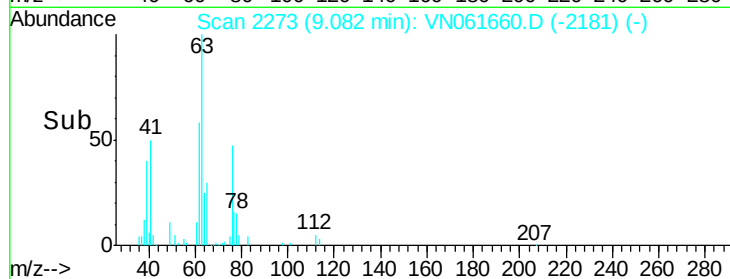
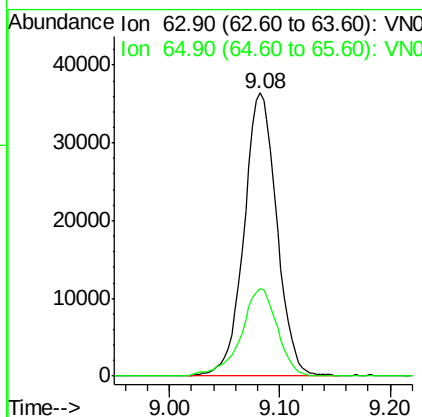
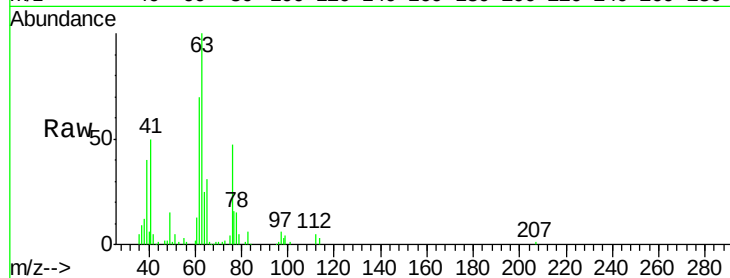
#45
 1,2-Dichloropropane
 Concen: 20.111 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: VN061660.D
 Acq: 5 Jun 2020 11:35

Instrument :
 MSVOA_N
 ClientSampled :
 VN0605WBS01

Tot Ion: 63 Resp: 74912
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.7 37.1

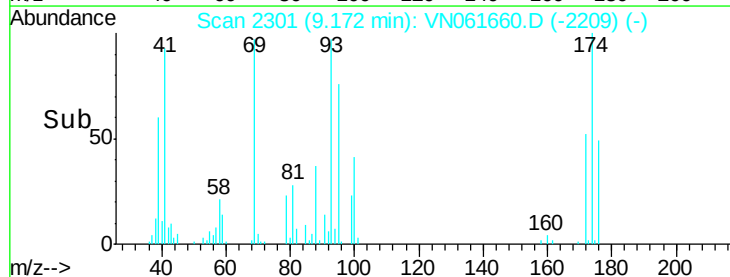
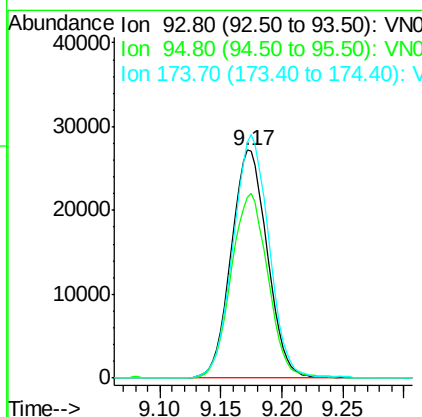
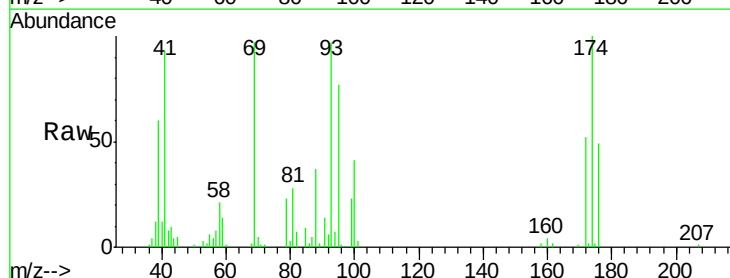
Manual Integrations
 APPROVED

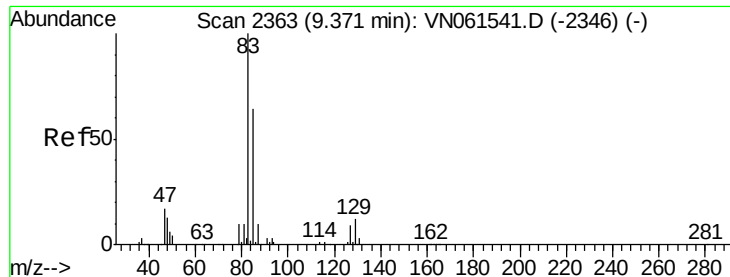
MMDadoda
 6/8/2020 11:49:06 AM



#46
 Dibromomethane
 Concen: 19.554 ug/l
 RT: 9.17 min Scan# 2301
 Delta R.T. -0.00 min
 Lab File: VN061660.D
 Acq: 5 Jun 2020 11:35

Tgt Ion: 93 Resp: 55864
 Ion Ratio Lower Upper
 93 100
 95 82.2 66.0 99.0
 174 105.4 82.5 123.7





#47

Bromodichloromethane

Concen: 19.883 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN061660.D

Acq: 5 Jun 2020 11:35

Instrument :

MSVOA_N

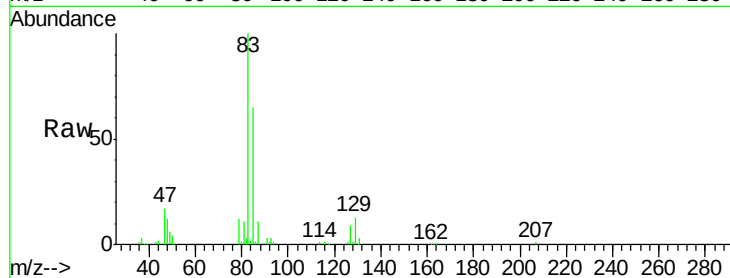
ClientSampleId :

VN0605WBS01

Tot Ion:	83	Resp:	112540
Ion Ratio	Lower	Upper	
83	100		
85	64.8	51.1	76.7
127	8.5	7.2	10.8

Manual Integrations
APPROVED

MMDadoda
6/8/2020 11:49:06 AM



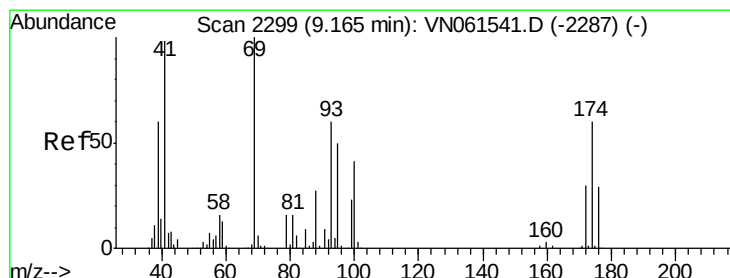
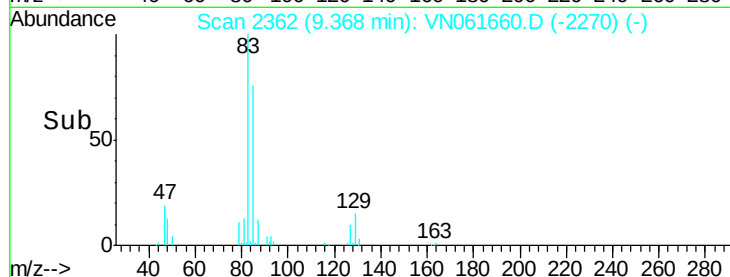
Abundance Ion 82.90 (82.60 to 83.60): VN061541.D (-2346) (-)

Ion 84.90 (84.60 to 85.60): VN061541.D (-2346) (-)

Ion 126.80 (126.50 to 127.50): VN061541.D (-2346) (-)

Time-->

9.30 9.35 9.40 9.45



#48

Methyl methacrylate

Concen: 17.016 ug/l

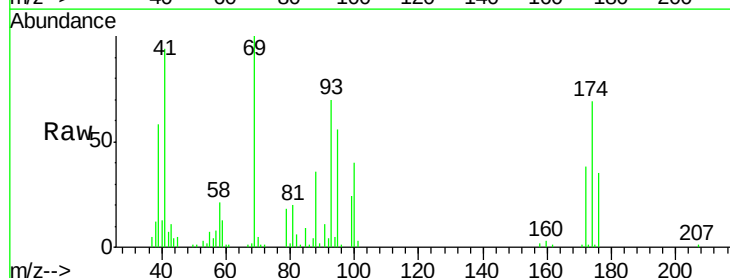
RT: 9.17 min Scan# 2299

Delta R.T. 0.00 min

Lab File: VN061660.D

Acq: 5 Jun 2020 11:35

Tgt Ion:	41	Resp:	56403
Ion Ratio	Lower	Upper	
41	100		
69	108.6	83.9	125.9
39	65.6	52.1	78.1



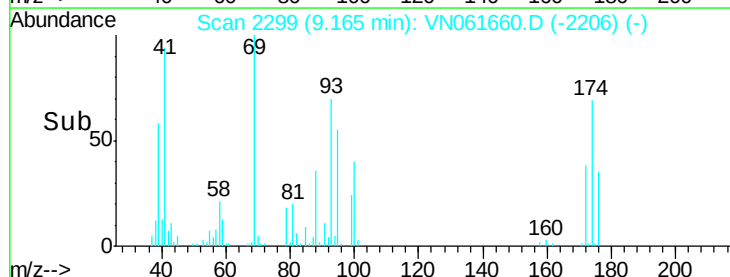
Abundance Ion 41.00 (40.70 to 41.70): VN061541.D (-2287) (-)

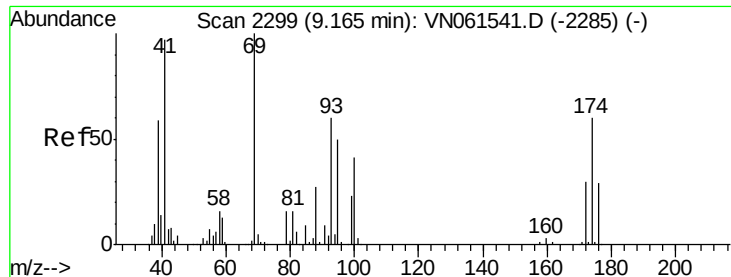
Ion 69.00 (68.70 to 69.70): VN061541.D (-2287) (-)

Ion 39.00 (38.70 to 39.70): VN061541.D (-2287) (-)

Time-->

9.10 9.15 9.20





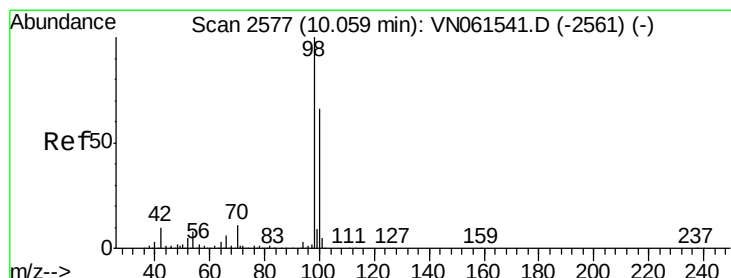
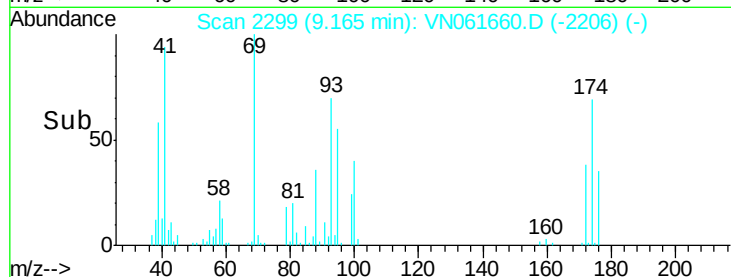
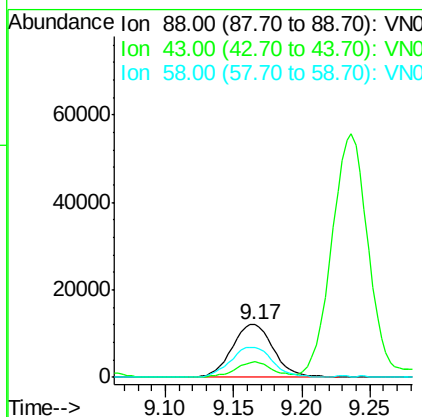
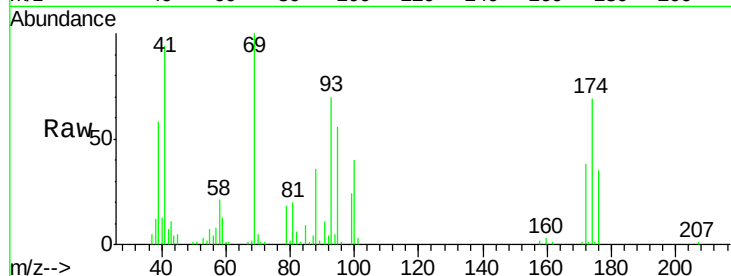
#49
1,4-Dioxane
Concen: 497.582 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. 0.00 min
Lab File: VN061660.D
Acq: 5 Jun 2020 11:35

Instrument :
MSVOA_N
ClientSampled :
VN0605WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	26.4	23.1	34.7
58	58.0	48.3	72.5

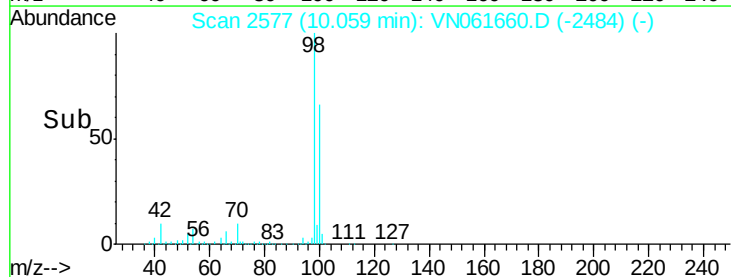
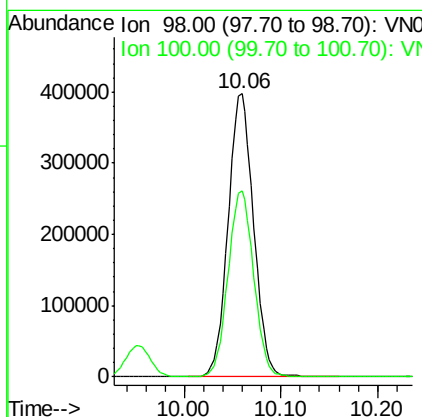
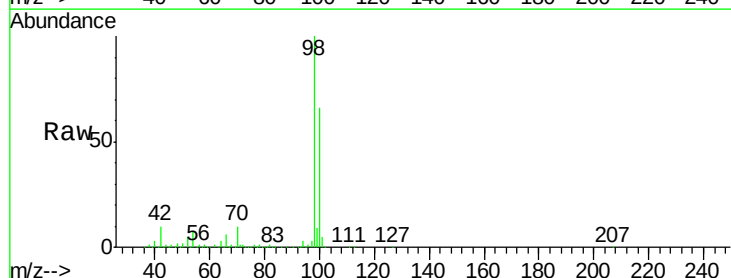
Manual Integrations
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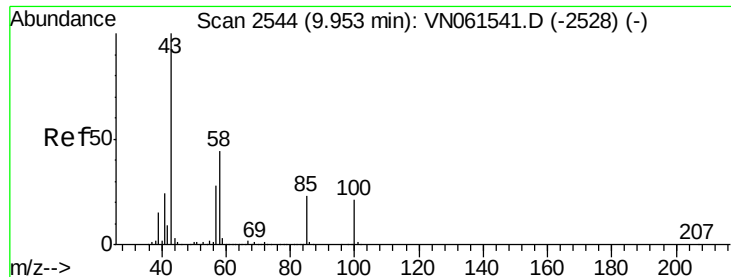
MMDadoda
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#50
Toluene-d8
Concen: 53.865 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN061660.D
Acq: 5 Jun 2020 11:35

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.8	79.2





#51

4-Methyl-2-Pentanone

Concen: 91.155 ug/l

RT: 9.95 min Scan# 2543

Delta R.T. -0.00 min

Lab File: VN061660.D

Acq: 5 Jun 2020 11:35

Instrument :

MSVOA_N

ClientSampleId :

VN0605WBS01

Tot Ion: 43 Resp: 378447

Ion Ratio Lower Upper

43 100

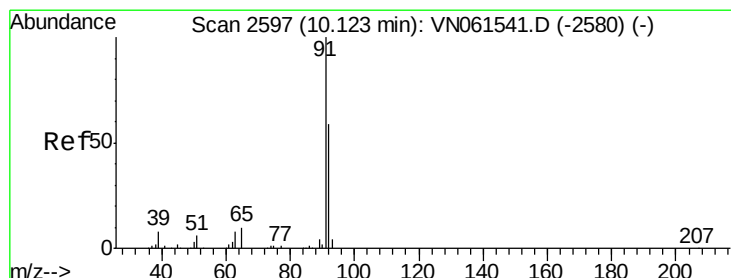
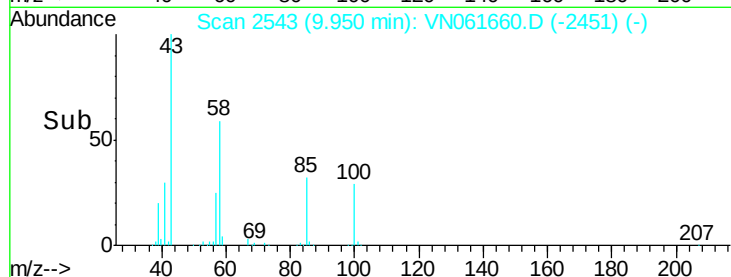
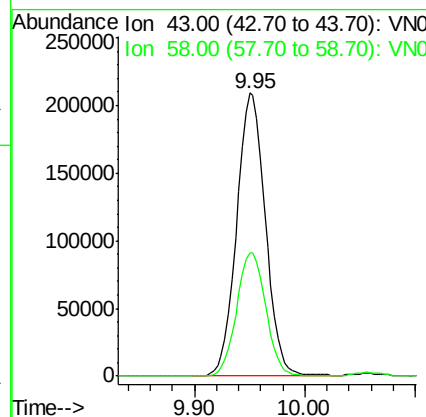
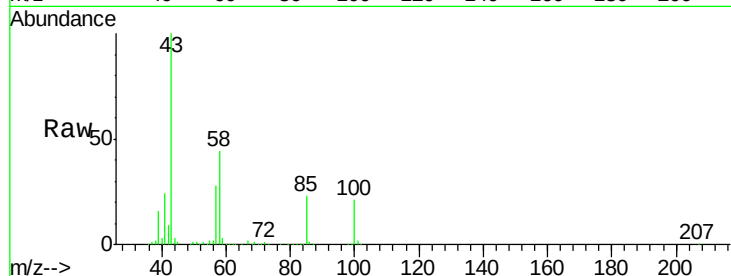
58 44.3 35.0 52.6

Manual Integrations

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#52

Toluene

Concen: 20.343 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. 0.00 min

Lab File: VN061660.D

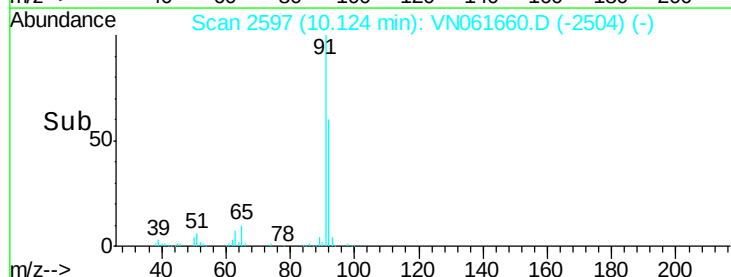
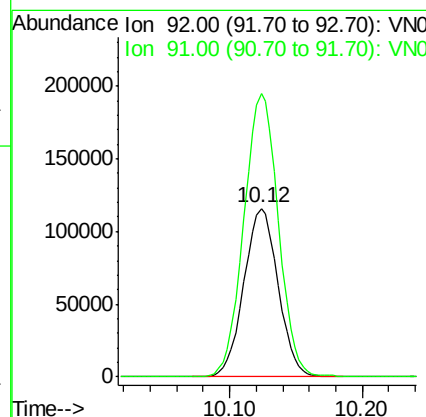
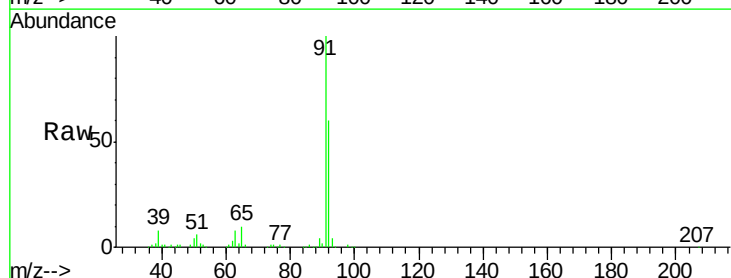
Acq: 5 Jun 2020 11:35

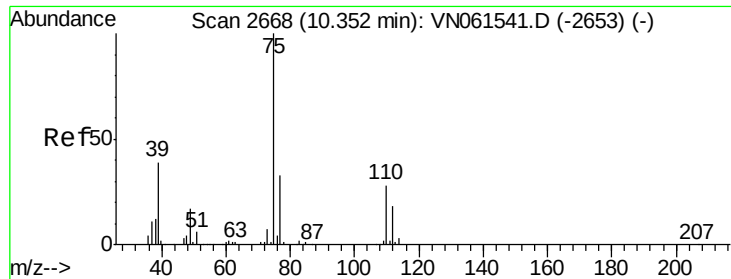
Tgt Ion: 92 Resp: 208283

Ion Ratio Lower Upper

92 100

91 169.6 136.4 204.6





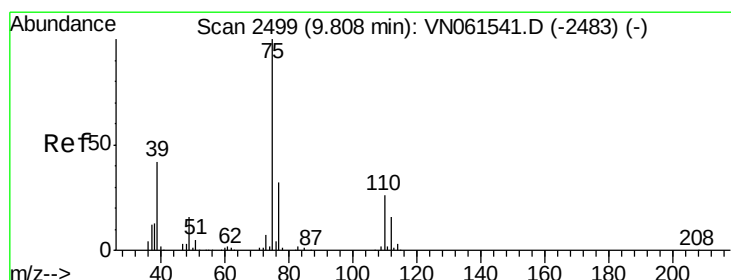
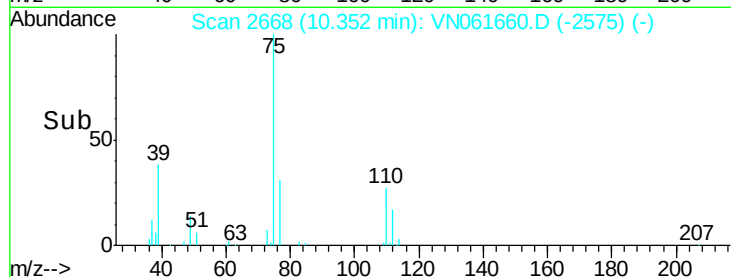
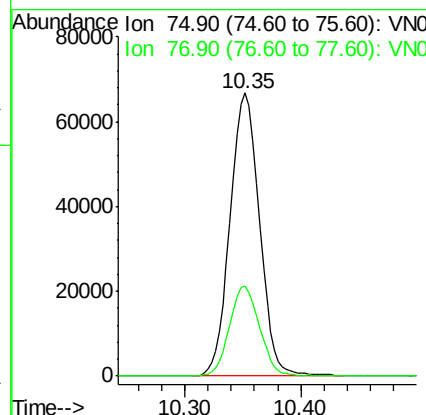
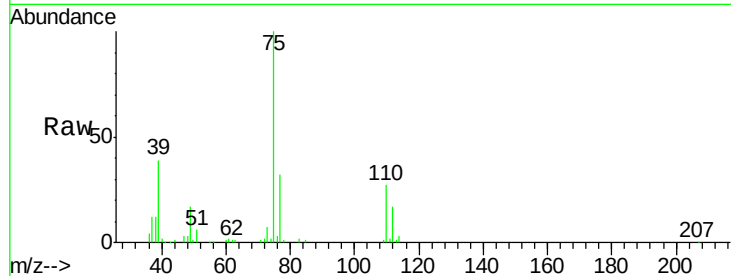
#53
t-1,3-Dichloropropene
Concen: 19.259 ug/l
RT: 10.35 min Scan# 2668
Delta R.T. 0.00 min
Lab File: VN061660.D
Acq: 5 Jun 2020 11:35

Instrument :
MSVOA_N
ClientSampled :
VN0605WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.9	26.2	39.4

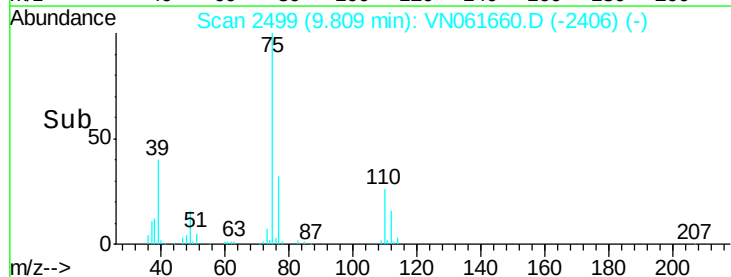
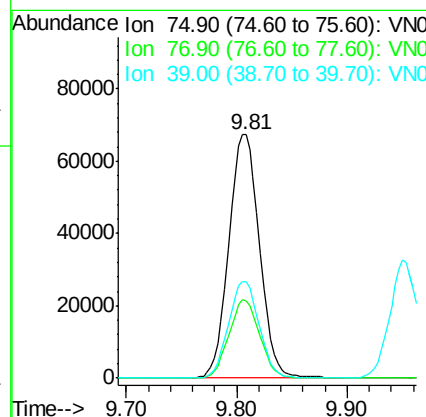
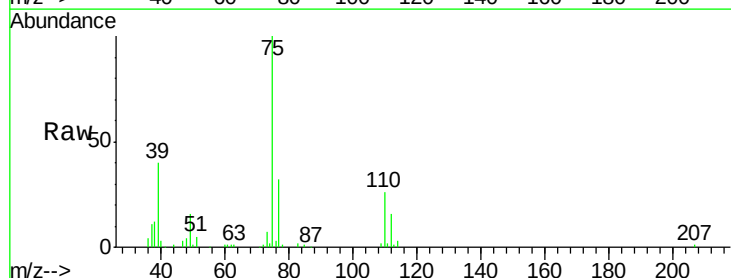
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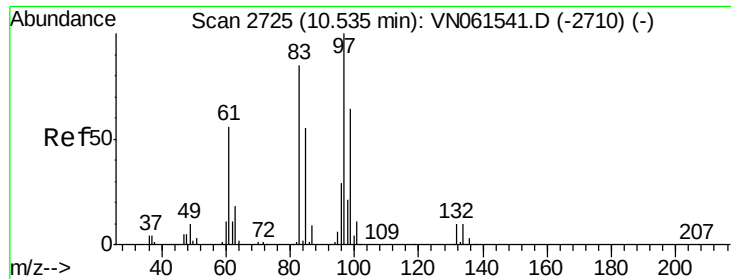
MMDadoda
6/8/2020 11:49:06 AM



#54
cis-1,3-Dichloropropene
Concen: 19.784 ug/l
RT: 9.81 min Scan# 2499
Delta R.T. 0.00 min
Lab File: VN061660.D
Acq: 5 Jun 2020 11:35

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.4	38.2
39	39.7	33.8	50.6





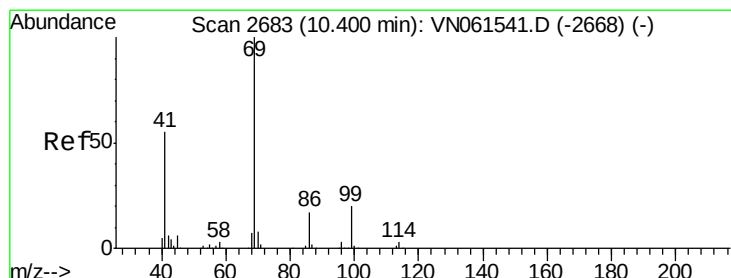
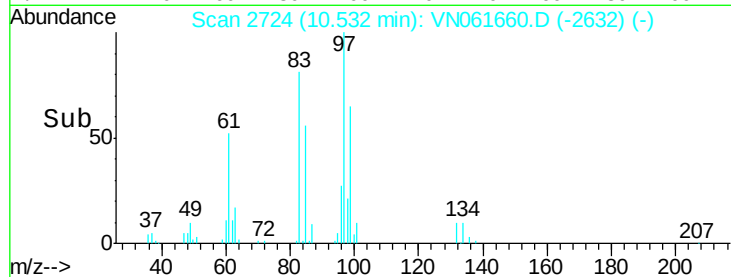
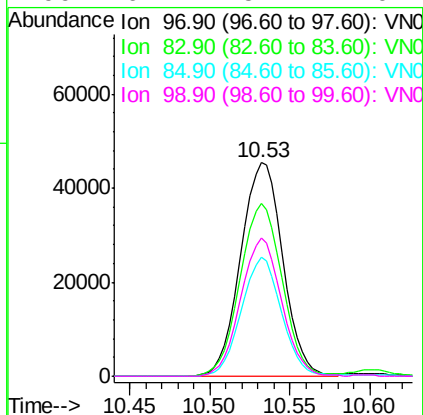
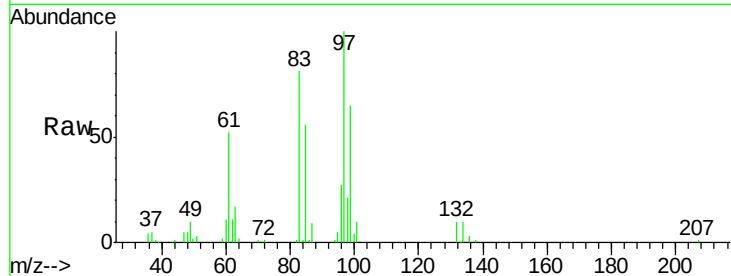
#55
 1,1,2-Trichloroethane
 Concen: 20.061 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN061660.D
 Acq: 5 Jun 2020 11:35

Instrument :
 MSVOA_N
 ClientSampled :
 VN0605WBS01

Tot Ion:	97	Resp:	81833
Ion	Ratio	Lower	Upper
97	100		
83	80.9	68.1	102.1
85	55.7	44.1	66.1
99	64.7	51.1	76.7

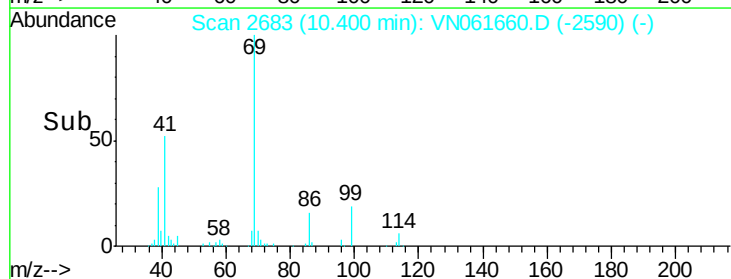
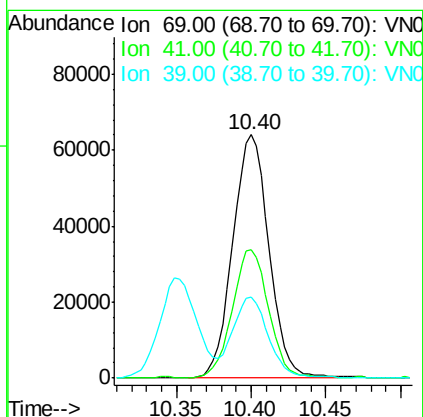
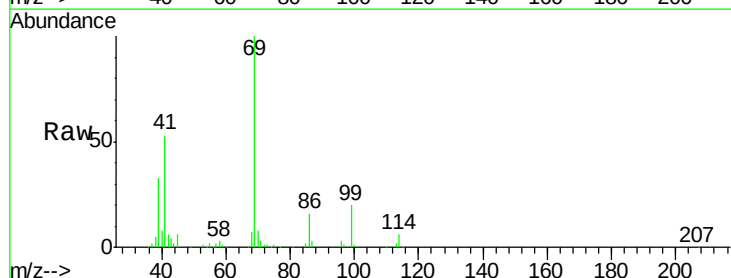
Manual Integrations
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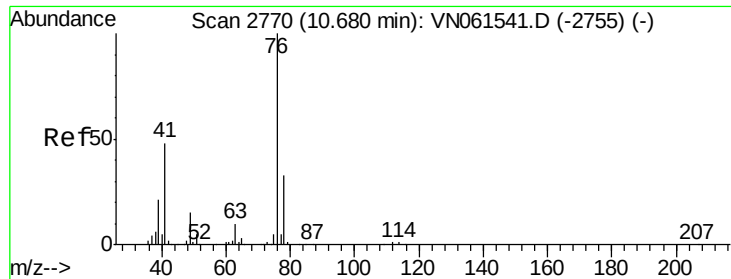
MMDadoda
 6/8/2020 11:49:06 AM



#56
 Ethyl methacrylate
 Concen: 18.987 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. 0.00 min
 Lab File: VN061660.D
 Acq: 5 Jun 2020 11:35

Tgt Ion:	69	Resp:	108193
Ion	Ratio	Lower	Upper
69	100		
41	51.6	43.5	65.3
39	32.4	27.0	40.6





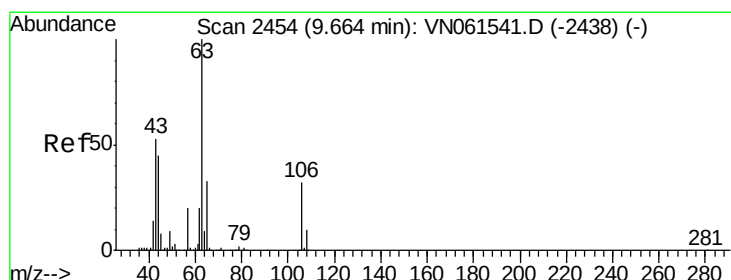
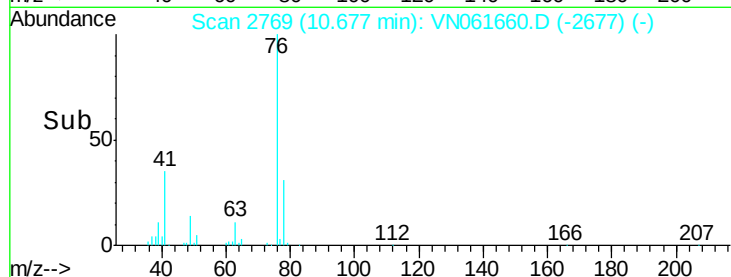
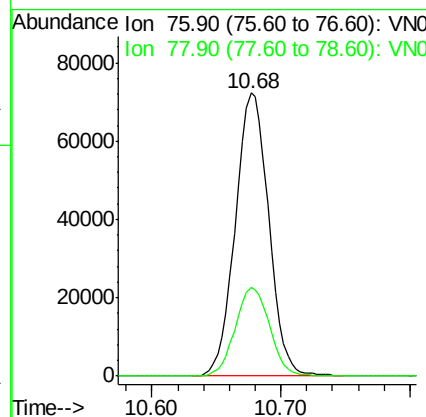
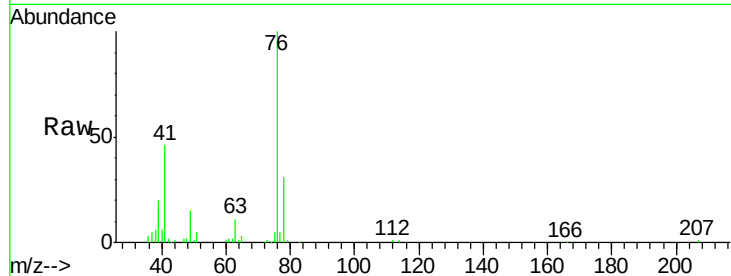
#57
 1,3-Dichloropropane
 Concen: 19.949 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN061660.D
 Acq: 5 Jun 2020 11:35

Instrument :
 MSVOA_N
 ClientSampled :
 VN0605WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.3	26.3	39.5

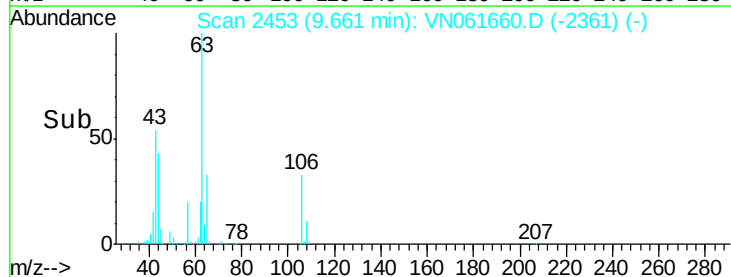
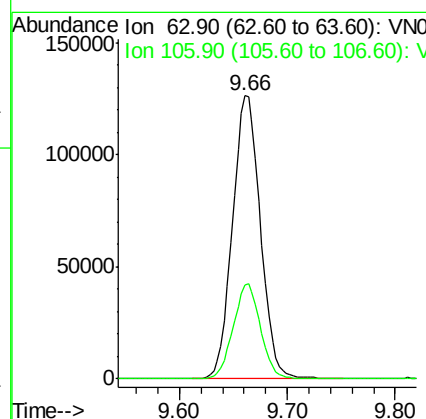
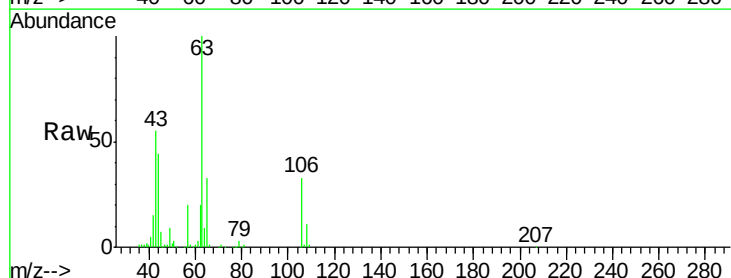
Manual Integrations
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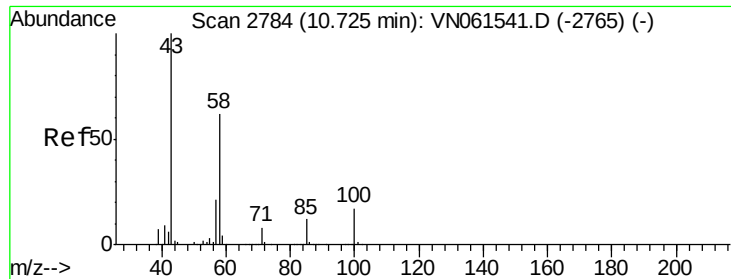
MMDadoda
 6/8/2020 11:49:06 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 93.698 ug/l
 RT: 9.66 min Scan# 2453
 Delta R.T. -0.00 min
 Lab File: VN061660.D
 Acq: 5 Jun 2020 11:35

Tgt Ion	Ratio	Lower	Upper
63	100		
106	32.7	25.9	38.9





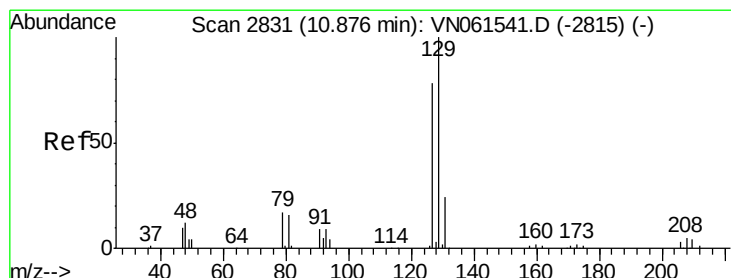
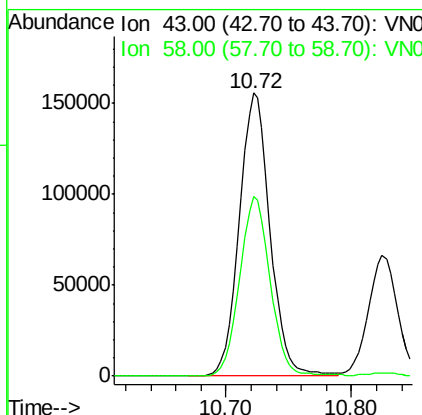
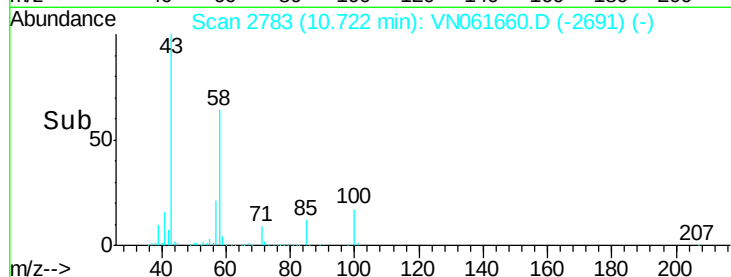
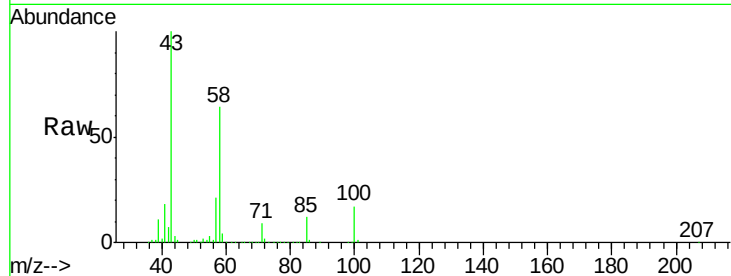
#59
2-Hexanone
Concen: 89.095 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN061660.D
Acq: 5 Jun 2020 11:35

Instrument :
MSVOA_N
ClientSampleId :
VN0605WBS01

Tot Ion: 43 Resp: 265648
Ion Ratio Lower Upper
43 100
58 62.9 30.7 92.1

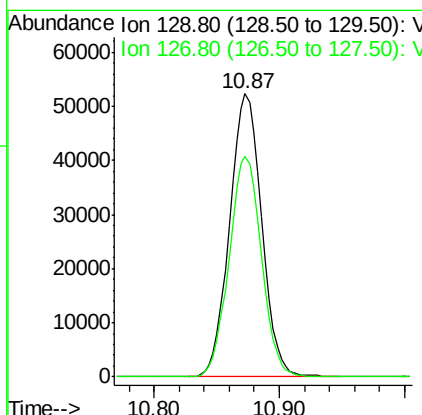
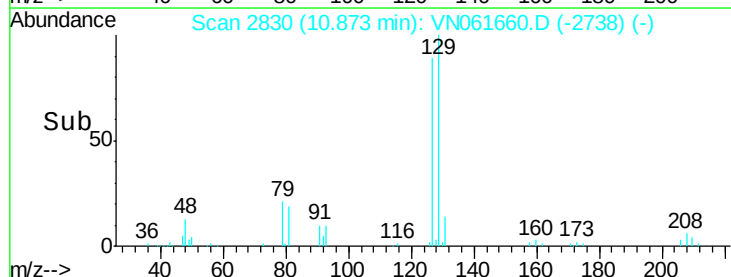
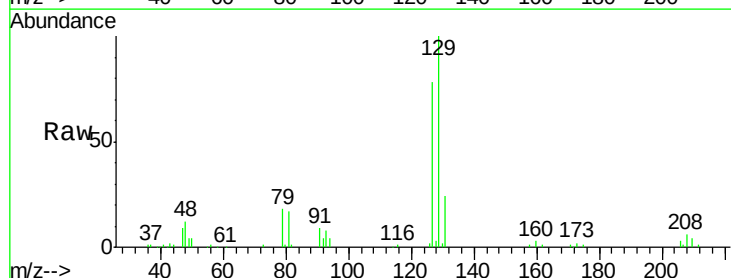
Manual Integrations
APPROVED

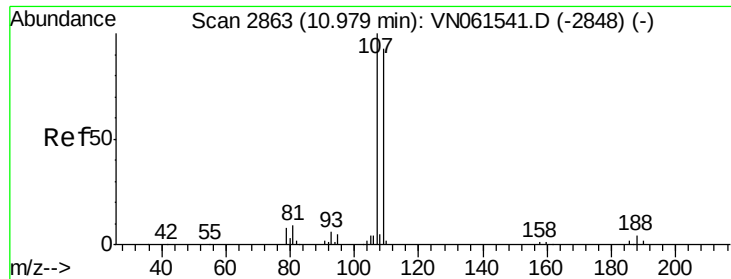
MMDadoda
6/8/2020 11:49:06 AM



#60
Dibromochloromethane
Concen: 20.046 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN061660.D
Acq: 5 Jun 2020 11:35

Tgt Ion: 129 Resp: 92964
Ion Ratio Lower Upper
129 100
127 78.2 38.8 116.3





#61

1,2-Dibromoethane

Concen: 19.947 ug/l

RT: 10.98 min Scan# 2862

Delta R.T. -0.00 min

Lab File: VN061660.D

Acq: 5 Jun 2020 11:35

Instrument :

MSVOA_N

ClientSampled :

VN0605WBS01

Tot Ion:107 Resp: 84862

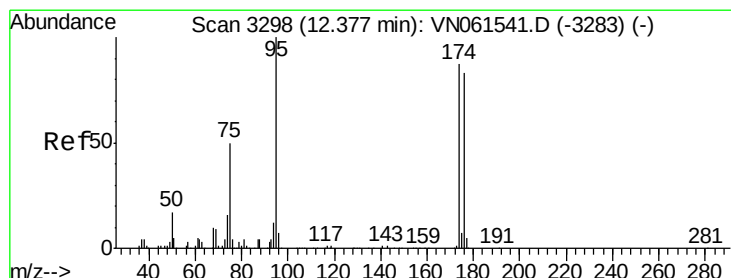
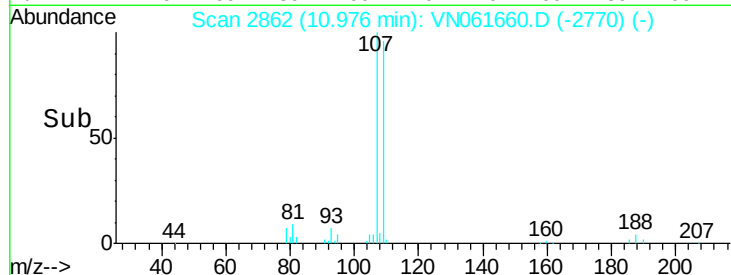
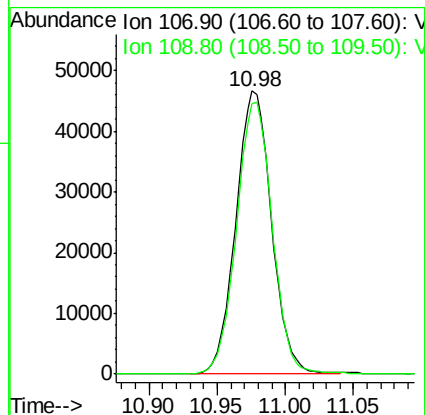
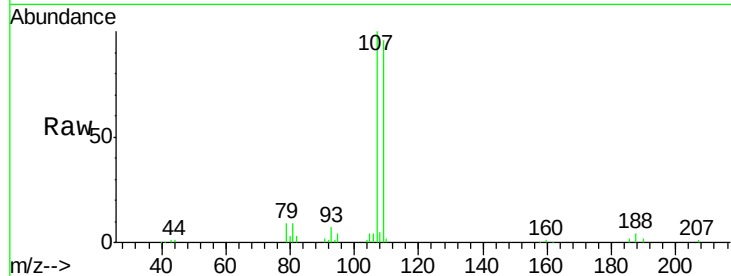
Ion Ratio Lower Upper

107 100

109 96.2 76.1 114.1

Manual Integrations
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MMDadoda
6/8/2020 11:49:06 AM



#62

4-Bromofluorobenzene

Concen: 51.855 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. -0.00 min

Lab File: VN061660.D

Acq: 5 Jun 2020 11:35

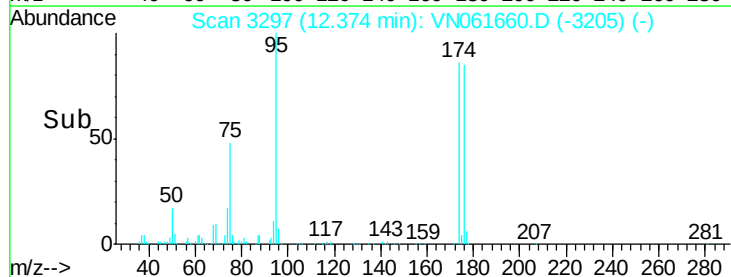
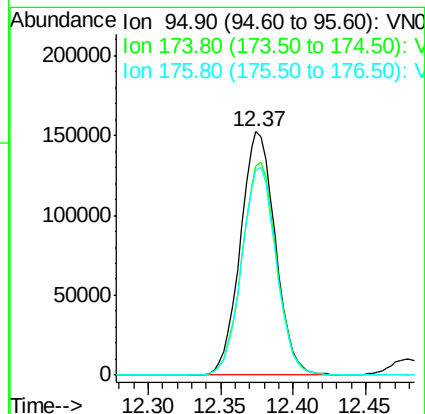
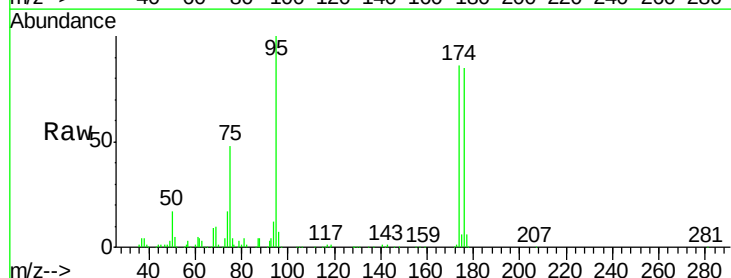
Tgt Ion: 95 Resp: 255424

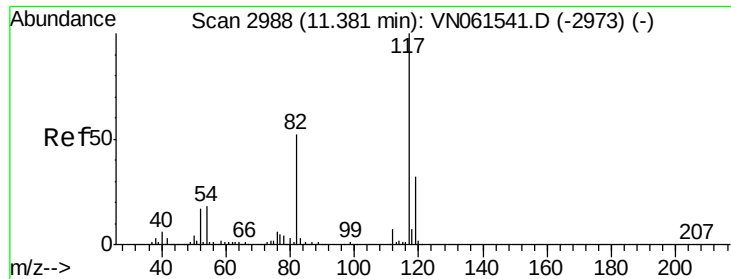
Ion Ratio Lower Upper

95 100

174 86.6 0.0 172.8

176 84.3 0.0 164.8





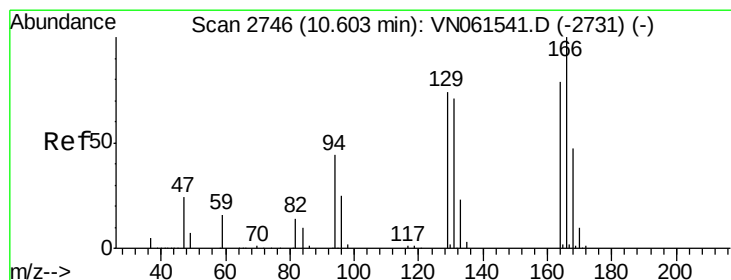
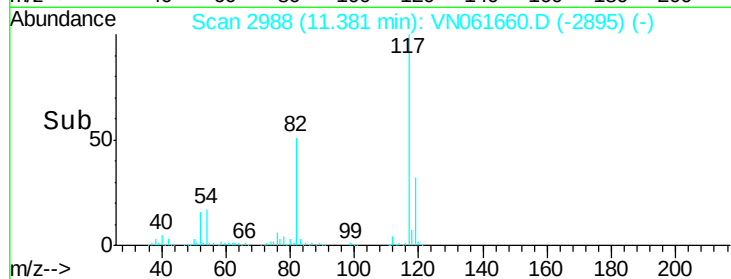
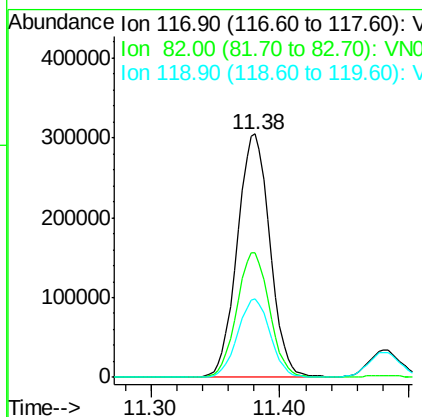
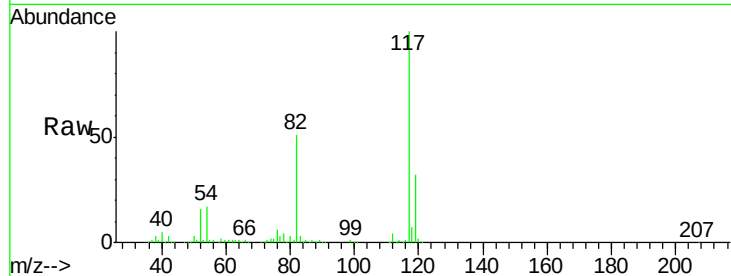
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061660.D
Acq: 5 Jun 2020 11:35

Instrument :
MSVOA_N
ClientSampled :
VN0605WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	536908		
82	50.9		41.5	62.3
119	32.3		25.6	38.4

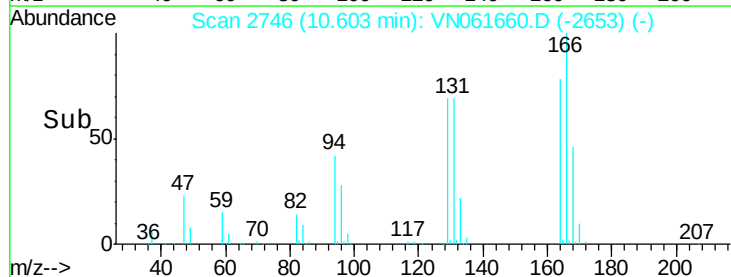
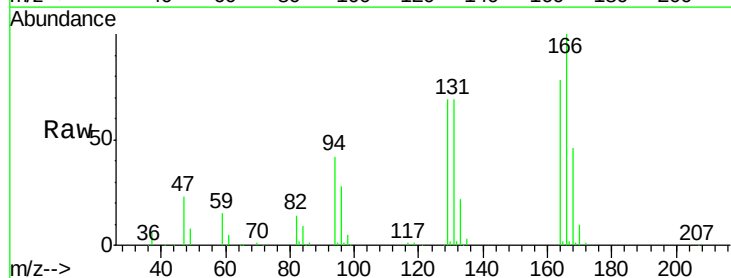
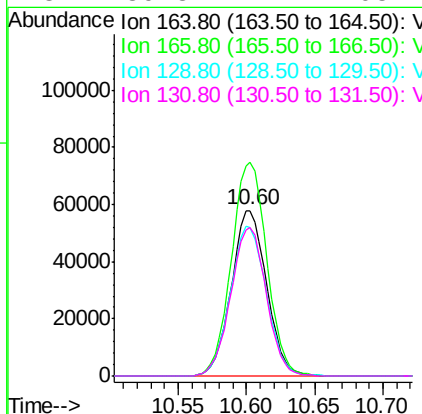
Manual Integrations
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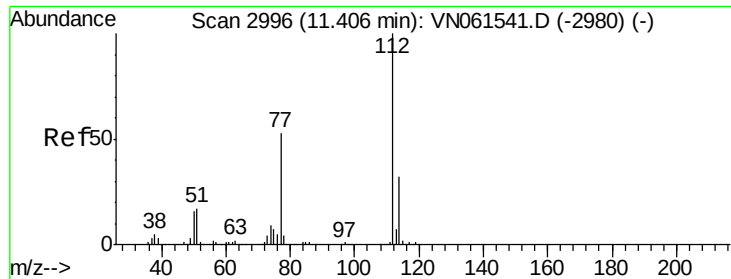
MMDadoda
6/8/2020 11:49:06 AM



#64
Tetrachloroethene
Concen: 20.569 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. 0.00 min
Lab File: VN061660.D
Acq: 5 Jun 2020 11:35

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	103956		
166	128.9		101.5	152.3
129	89.4		74.9	112.3
131	89.3		72.2	108.2





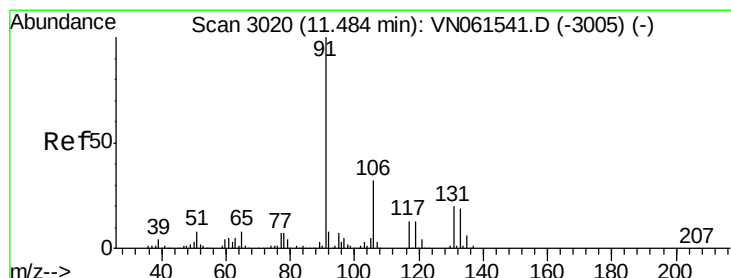
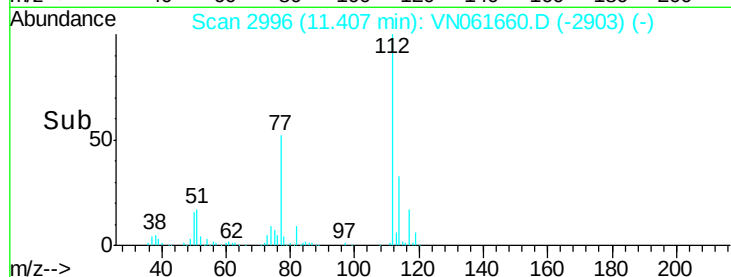
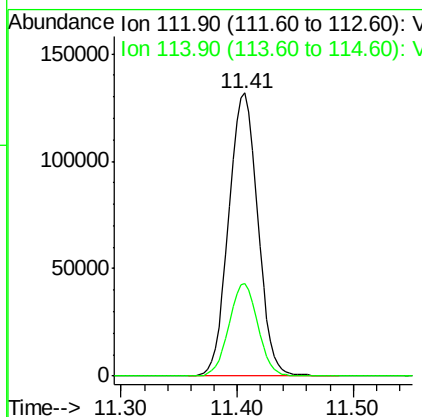
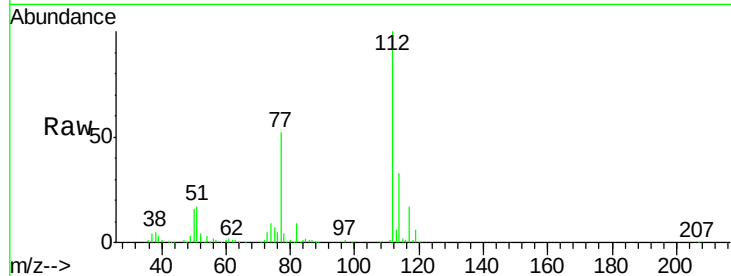
#65
Chlorobenzene
Concen: 20.477 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN061660.D
Acq: 5 Jun 2020 11:35

Instrument :
MSVOA_N
ClientSampled :
VN0605WBS01

Tot Ion	Ratio	Resp	Lower	Upper
112	100	228534		
114	32.8	25.7	38.5	

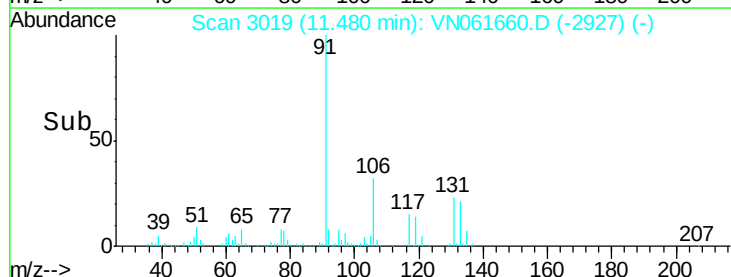
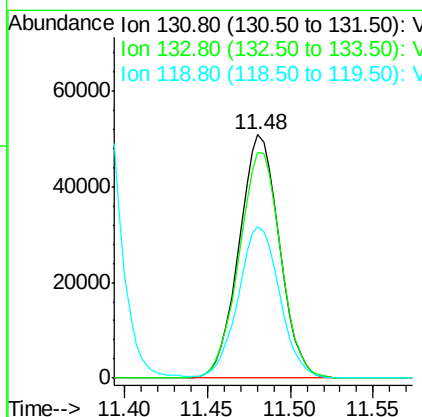
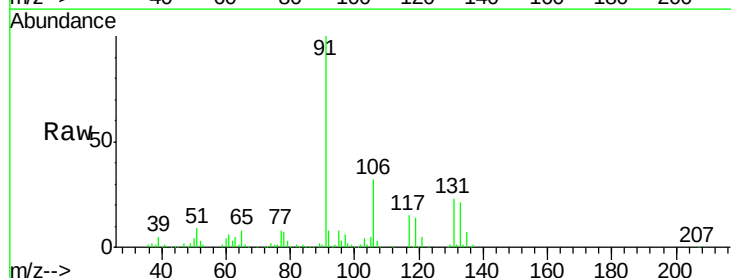
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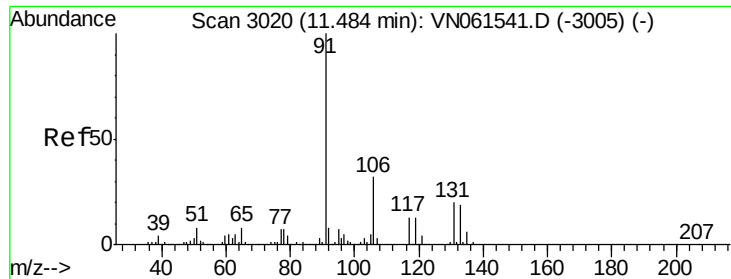
MMDadoda
6/8/2020 11:49:06 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 20.785 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN061660.D
Acq: 5 Jun 2020 11:35

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	86374		
133	95.6	47.4	142.2	
119	64.0	32.6	97.8	





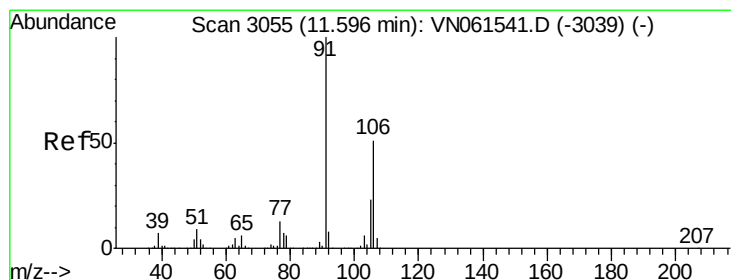
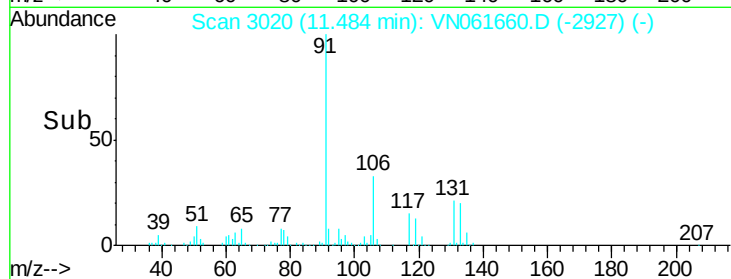
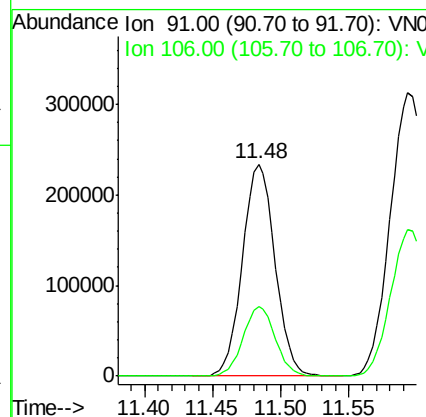
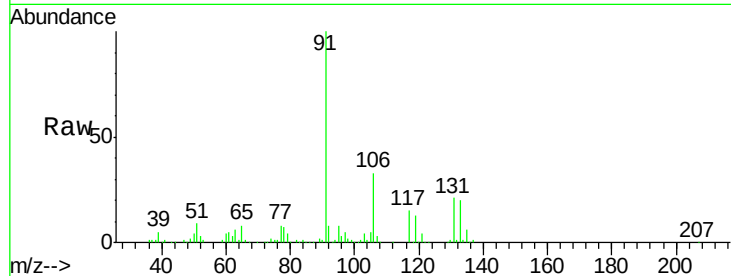
#67
Ethyl Benzene
Concen: 20.123 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN061660.D
Acq: 5 Jun 2020 11:35

Instrument :
MSVOA_N
ClientSampled :
VN0605WBS01

Tot Ion: 91 Resp: 388166
Ion Ratio Lower Upper
91 100
106 32.7 25.6 38.4

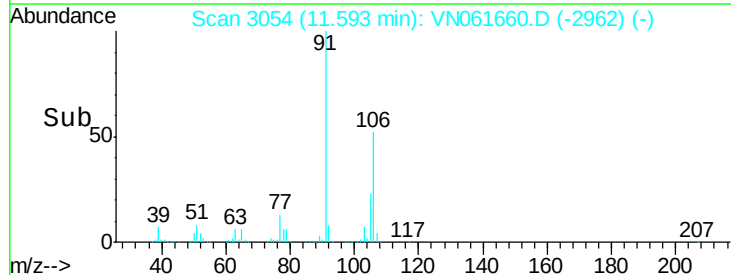
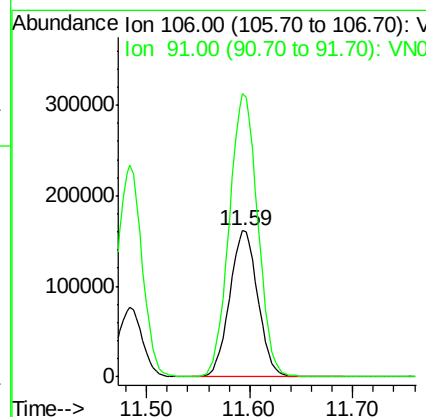
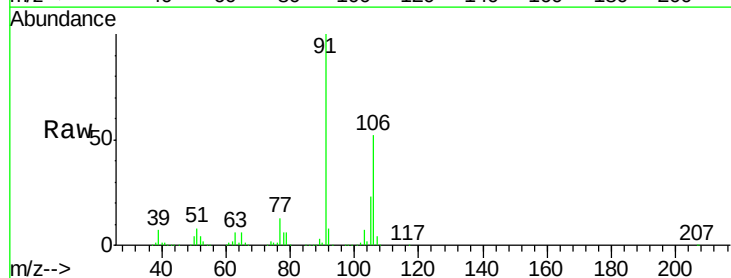
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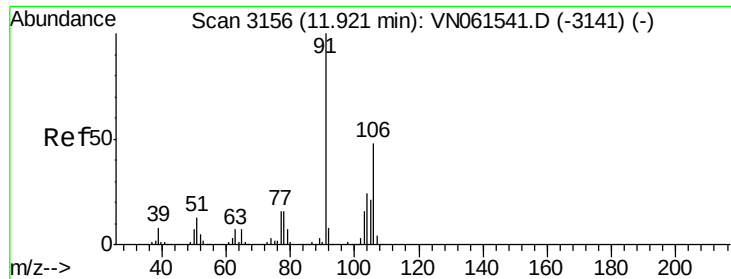
MMDadoda
6/8/2020 11:49:06 AM



#68
m/p-Xylenes
Concen: 40.182 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN061660.D
Acq: 5 Jun 2020 11:35

Tgt Ion: 106 Resp: 307328
Ion Ratio Lower Upper
106 100
91 195.3 156.2 234.4





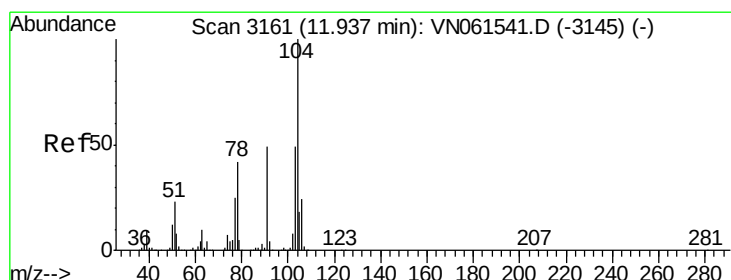
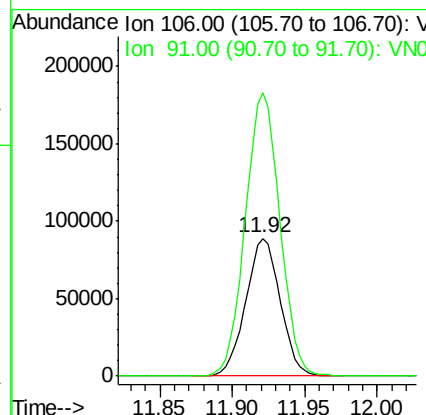
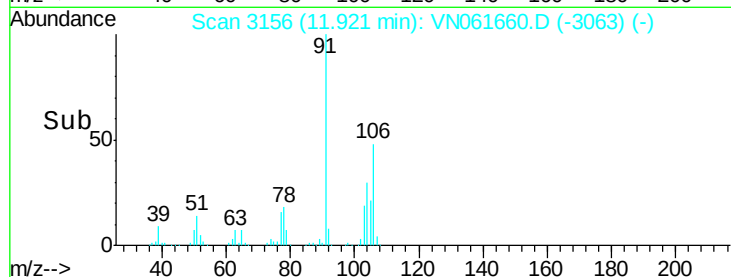
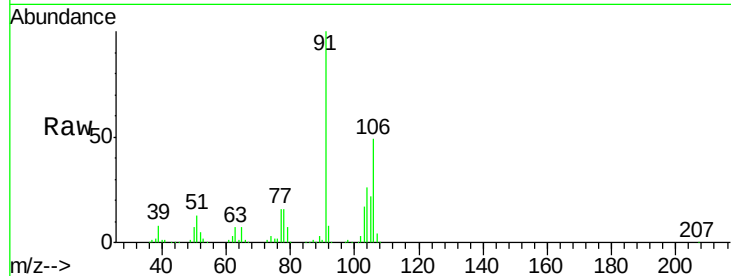
#69
o-Xylene
Concen: 20.261 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN061660.D
Acq: 5 Jun 2020 11:35

Instrument :
MSVOA_N
ClientSampled :
VN0605WBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	206.6	103.3	309.8

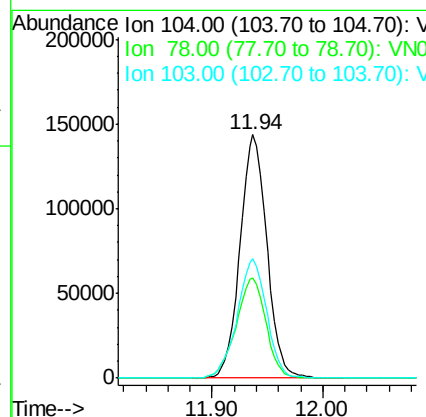
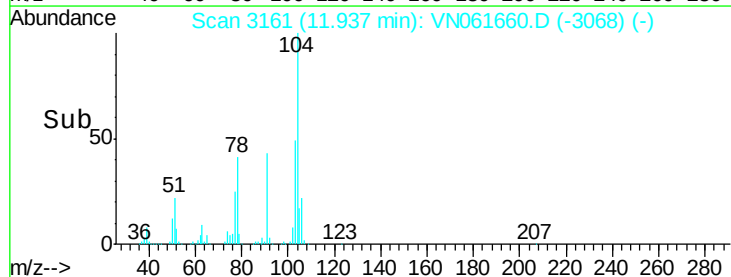
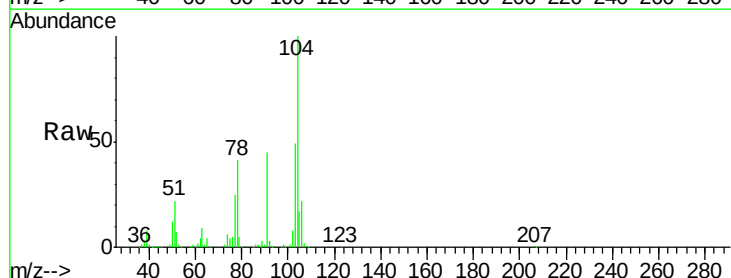
Manual Integrations
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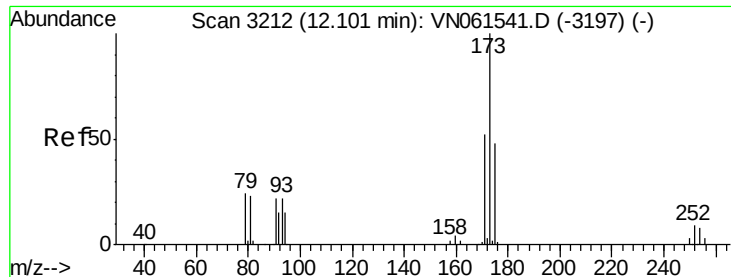
MMDadoda
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#70
Styrene
Concen: 20.181 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. 0.00 min
Lab File: VN061660.D
Acq: 5 Jun 2020 11:35

Tgt Ion	Ratio	Lower	Upper
104	100		
78	45.8	37.4	56.0
103	53.8	42.3	63.5





#71

Bromoform

Concen: 19.009 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. 0.00 min

Lab File: VN061660.D

Acq: 5 Jun 2020 11:35

Instrument :

MSVOA_N

ClientSampled :

VN0605WBS01

Tot Ion:173 Resp: 60869

Ion Ratio Lower Upper

173 100

175 48.9 24.4 73.2

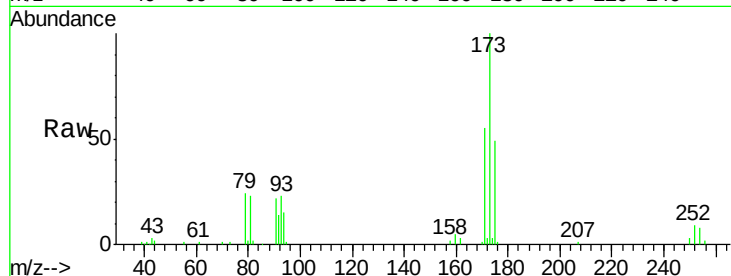
254 0.0 0.0 0.0

Manual Integrations

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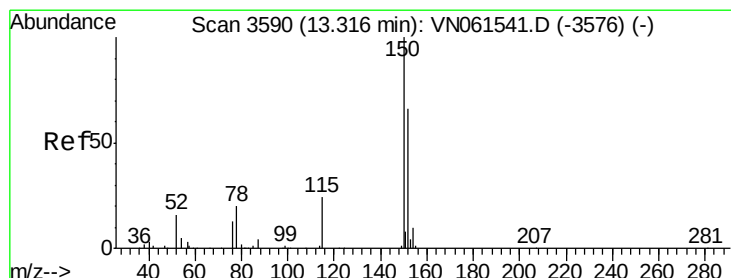
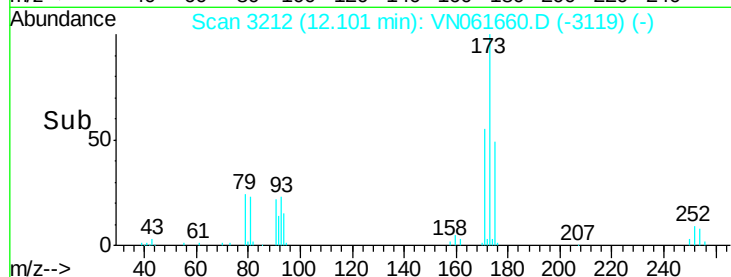
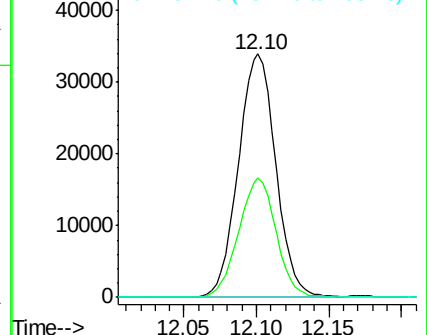
6/8/2020 11:49:06 AM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3590

Delta R.T. 0.00 min

Lab File: VN061660.D

Acq: 5 Jun 2020 11:35

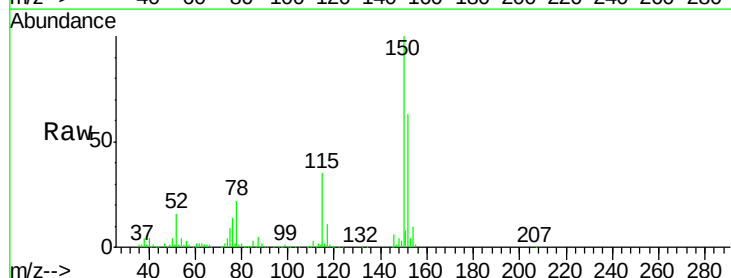
Tgt Ion:152 Resp: 269304

Ion Ratio Lower Upper

152 100

115 54.9 28.0 84.0

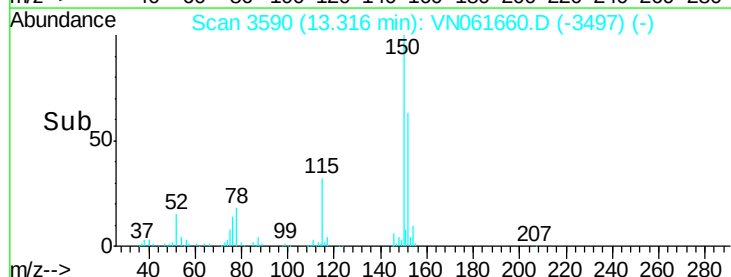
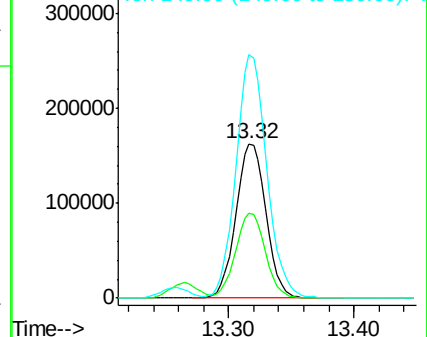
150 162.1 0.0 344.0

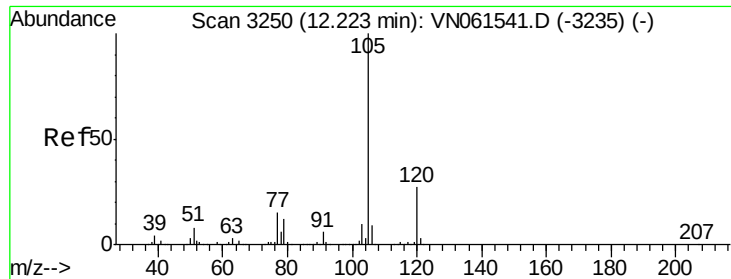


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.815 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN061660.D

Acq: 5 Jun 2020 11:35

Instrument :

MSVOA_N

ClientSampled :

VN0605WBS01

Tot Ion: 105 Resp: 389481

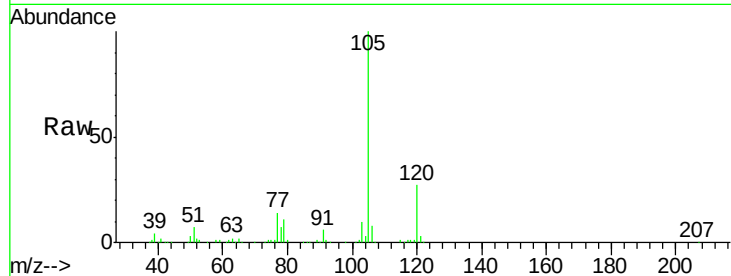
Ion Ratio Lower Upper

105 100

120 27.4 13.8 41.3

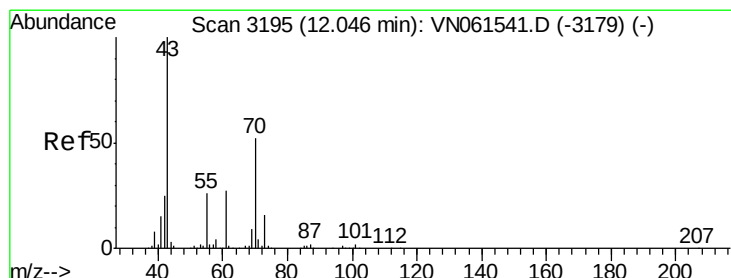
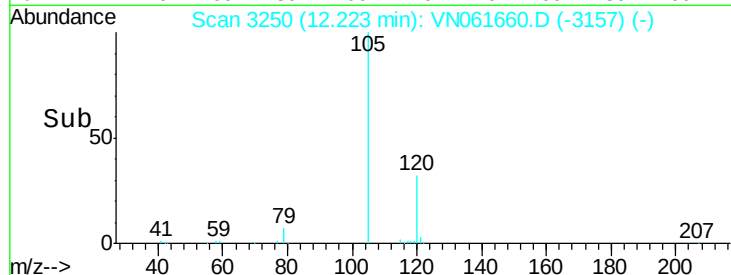
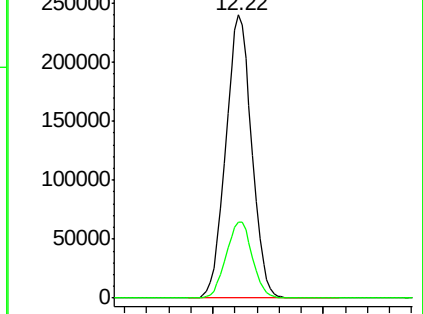
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 17.208 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN061660.D

Acq: 5 Jun 2020 11:35

Tgt Ion: 43 Resp: 106520

Ion Ratio Lower Upper

43 100

70 52.5 40.5 60.7

55 28.1 20.6 31.0

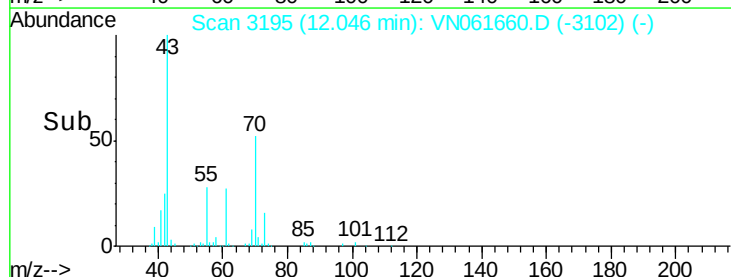
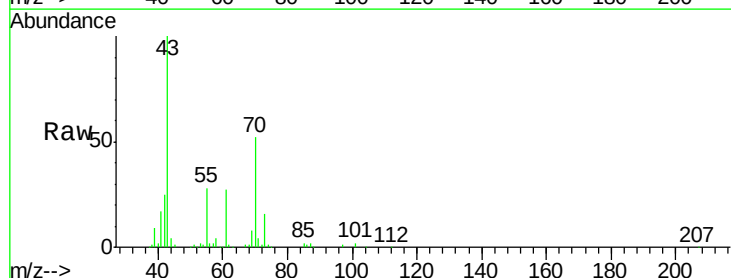
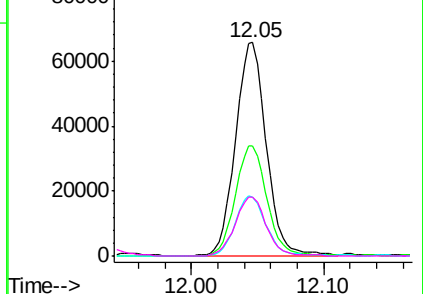
61 27.7 21.8 32.6

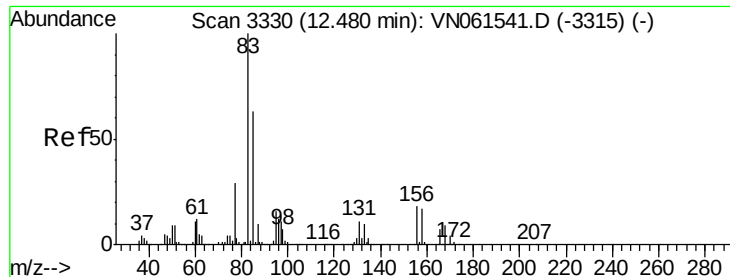
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 18.899 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN061660.D

Acq: 5 Jun 2020 11:35

Instrument :

MSVOA_N

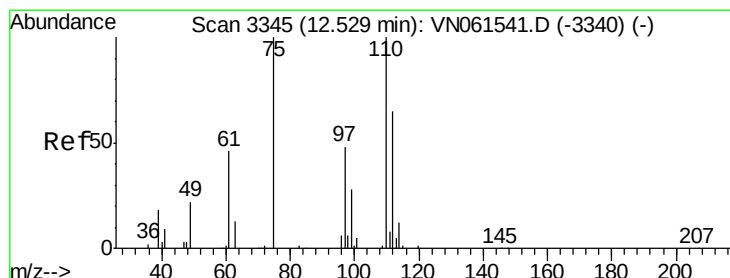
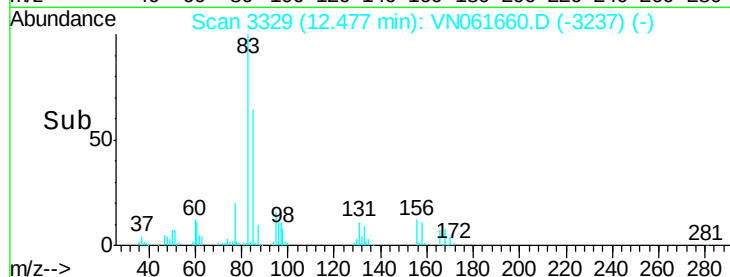
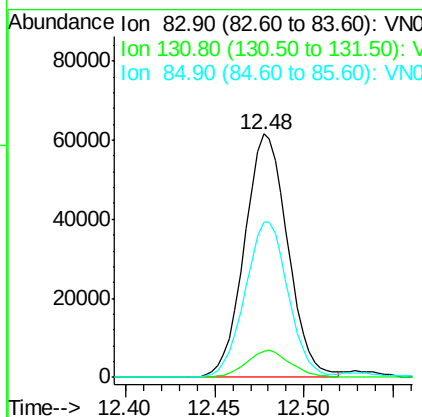
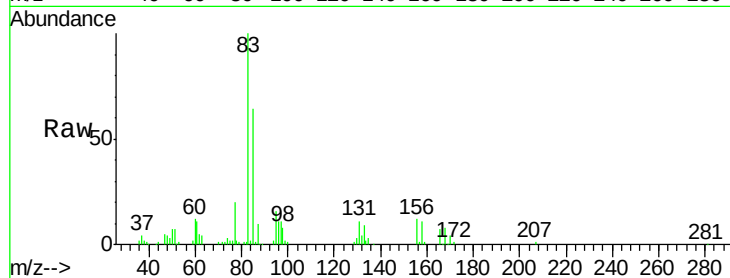
ClientSampled :

VN0605WBS01

Tot Ion:	83	Resp:	104096
Ion Ratio	Lower	Upper	
83	100		
131	11.3	5.5	16.5
85	63.7	32.1	96.3

Manual Integrations
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6/8/2020 11:49:06 AM



#76

1,2,3-Trichloropropane

Concen: 19.542 ug/l m

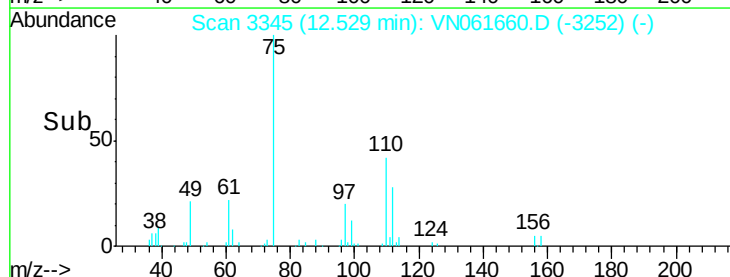
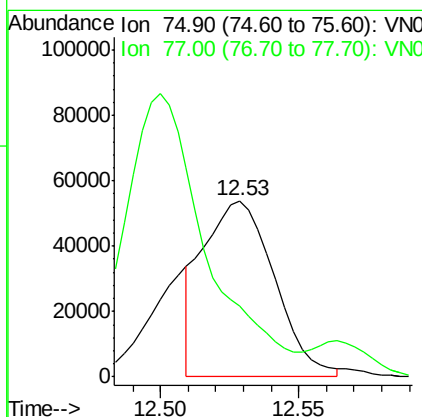
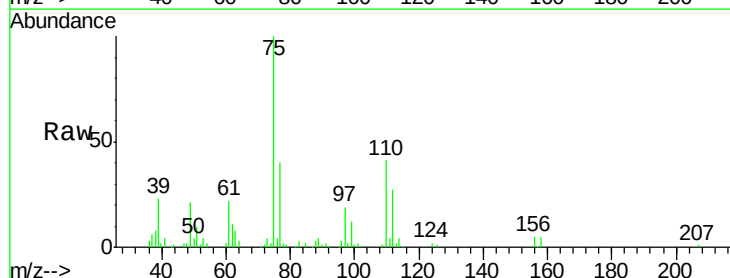
RT: 12.53 min Scan# 3345

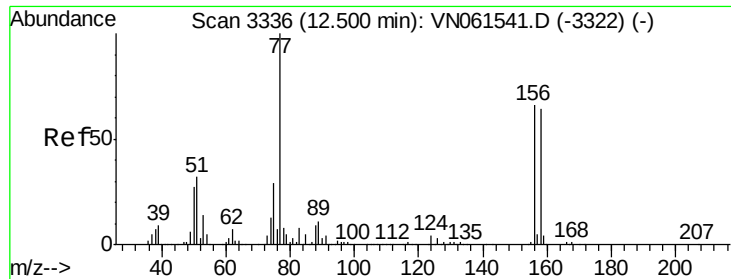
Delta R.T. 0.00 min

Lab File: VN061660.D

Acq: 5 Jun 2020 11:35

Tgt Ion:	75	Resp:	95696
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.888 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN061660.D

Acq: 5 Jun 2020 11:35

Instrument :

MSVOA_N

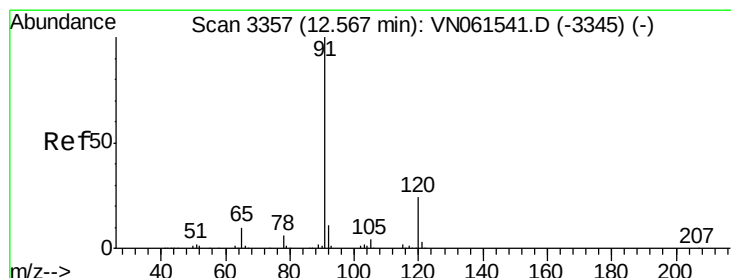
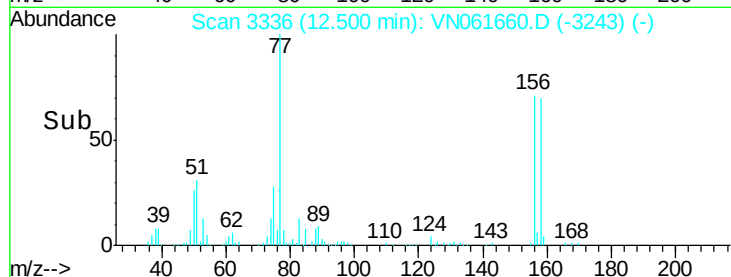
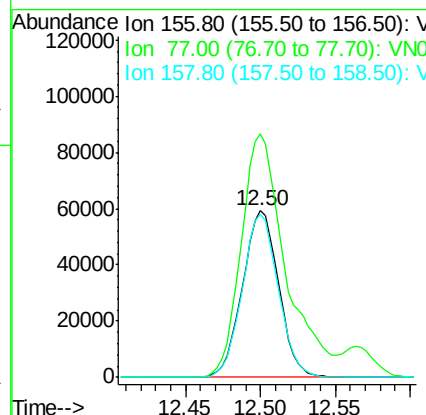
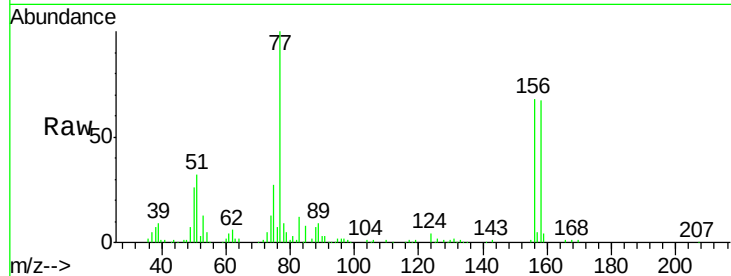
ClientSampled :

VN0605WBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	179.7	90.9	272.7
158	97.6	48.4	145.3

Manual Integrations
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#78

n-propylbenzene

Concen: 19.590 ug/l

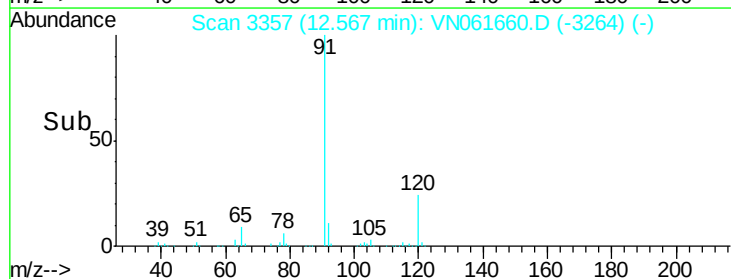
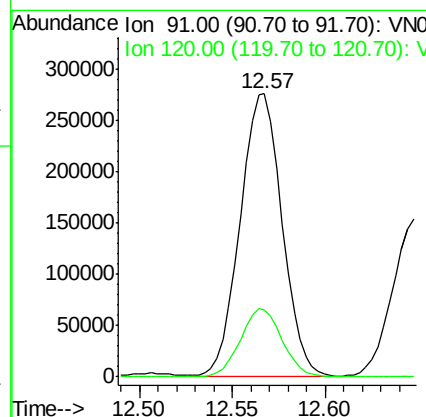
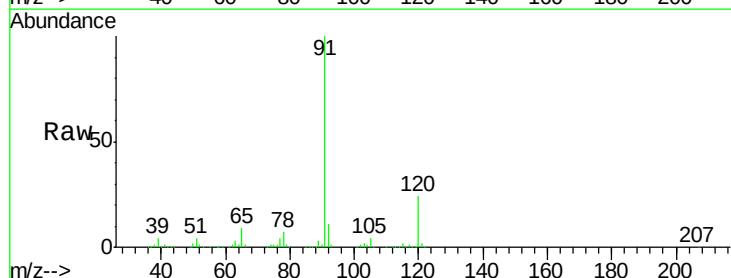
RT: 12.57 min Scan# 3357

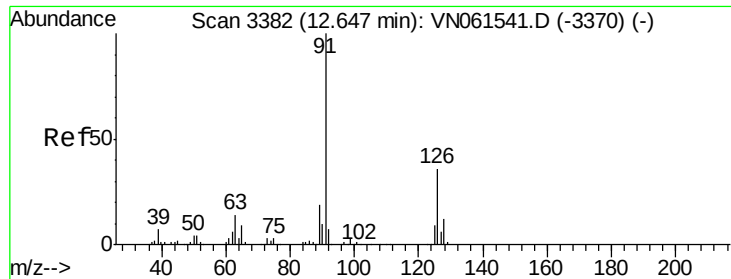
Delta R.T. 0.00 min

Lab File: VN061660.D

Acq: 5 Jun 2020 11:35

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.1	12.3	36.9





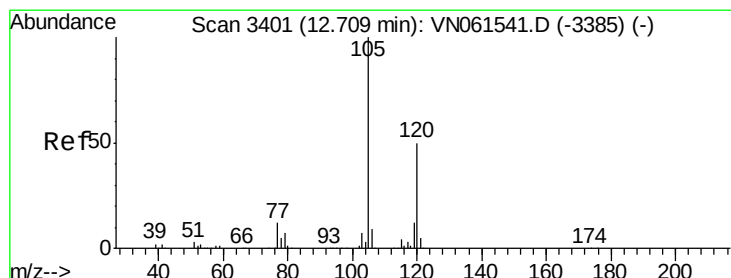
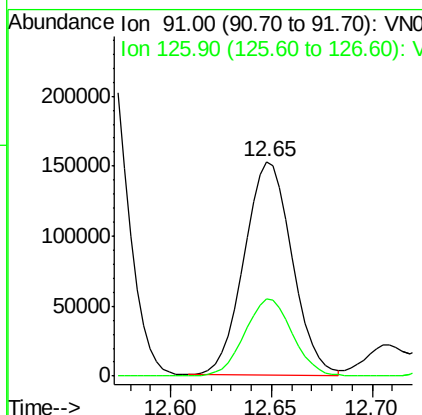
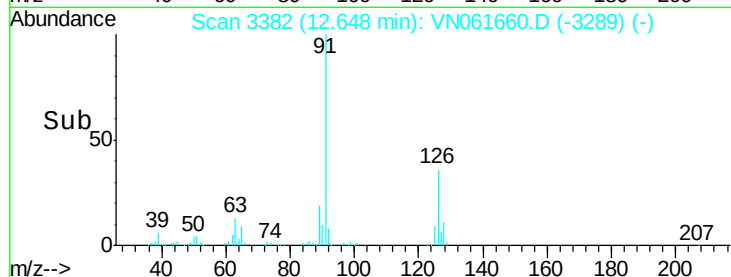
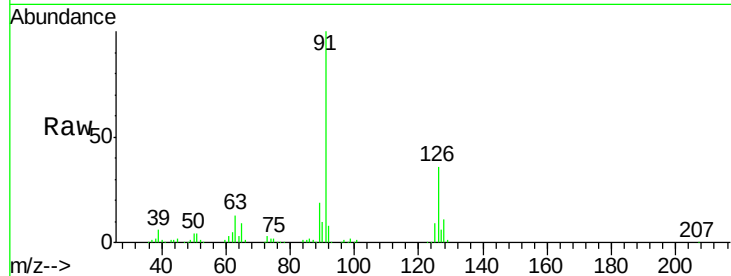
#79
 2-Chlorotoluene
 Concen: 19.407 ug/l
 RT: 12.65 min Scan# 3382
 Delta R.T. 0.00 min
 Lab File: VN061660.D
 Acq: 5 Jun 2020 11:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0605WBS01

Tot Ion: 91 Resp: 253926
 Ion Ratio Lower Upper
 91 100
 126 36.1 17.9 53.7

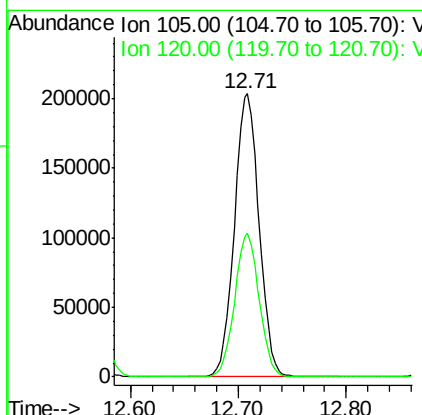
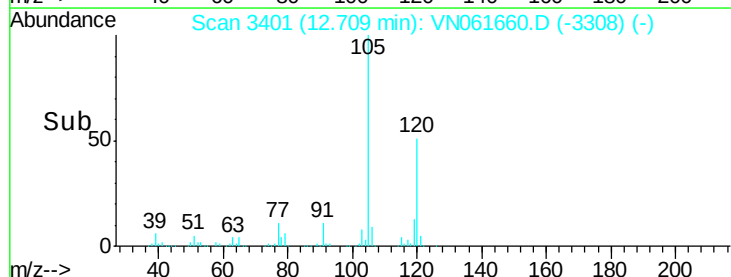
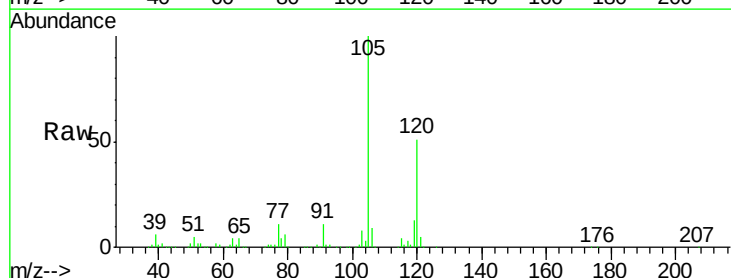
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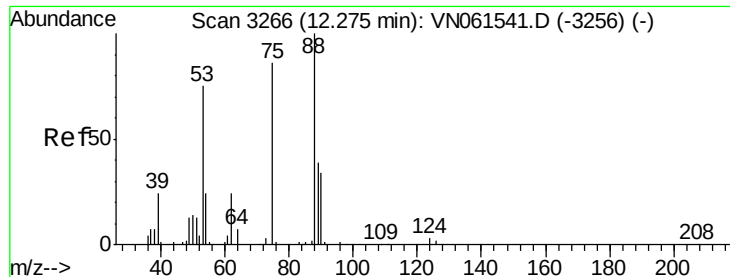
MMDadoda
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#80
 1,3,5-Trimethylbenzene
 Concen: 19.788 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. 0.00 min
 Lab File: VN061660.D
 Acq: 5 Jun 2020 11:35

Tgt Ion: 105 Resp: 325087
 Ion Ratio Lower Upper
 105 100
 120 50.3 25.1 75.2





#81

trans-1,4-Dichloro-2-butene

Concen: 16.926 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. 0.00 min

Lab File: VN061660.D

Acq: 5 Jun 2020 11:35

Instrument :

MSVOA_N

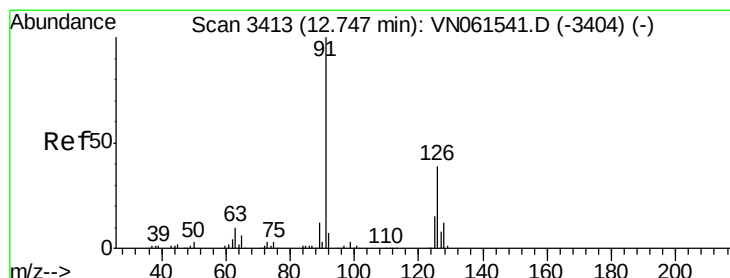
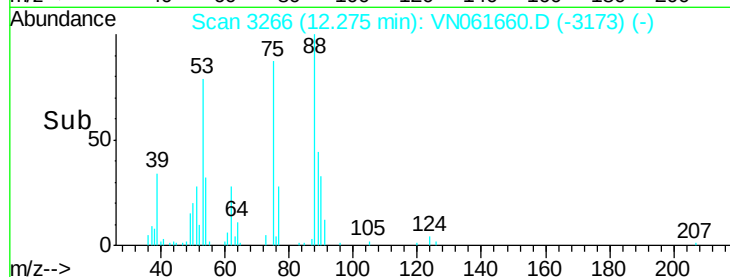
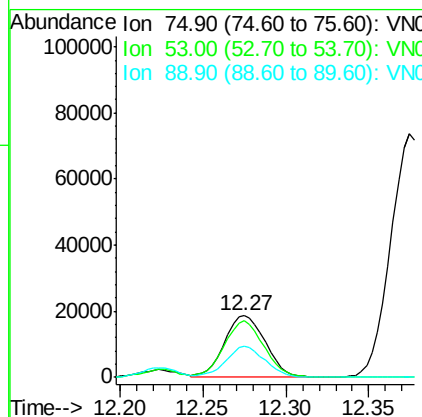
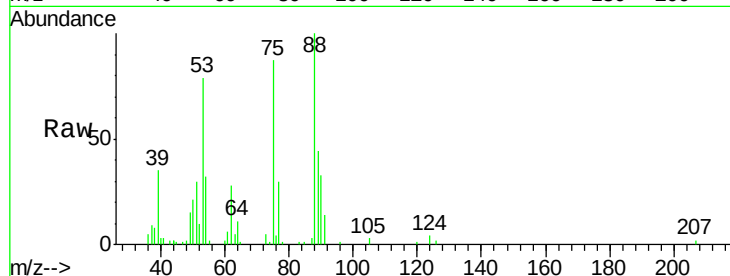
ClientSampled :

VN0605WBS01

Tot Ion:	75	Resp:	32412
Ion	Ratio	Lower	Upper
75	100		
53	88.9	67.8	101.8
89	47.1	37.1	55.7

Manual Integrations
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#82

4-Chlorotoluene

Concen: 19.132 ug/l

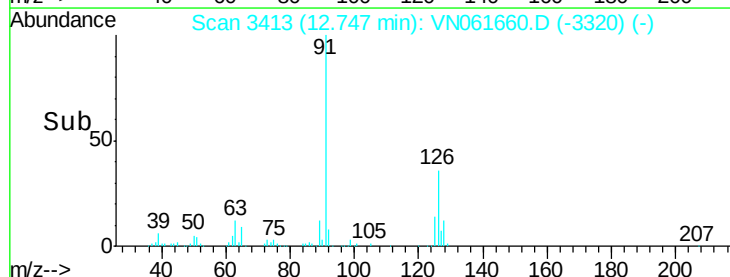
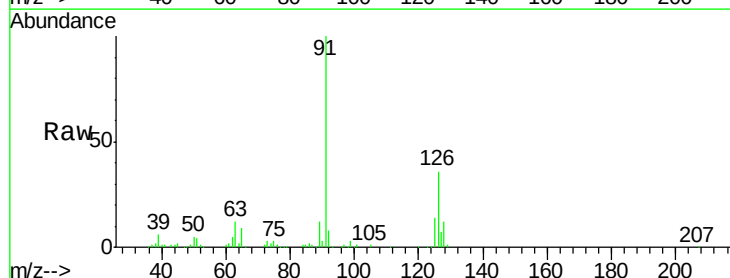
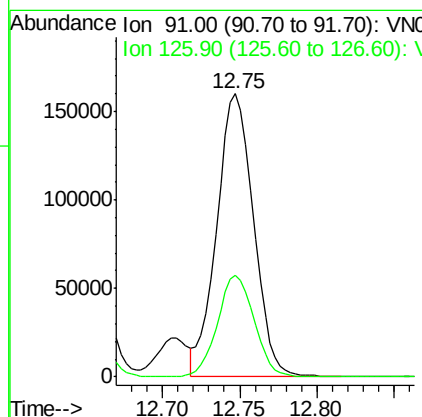
RT: 12.75 min Scan# 3413

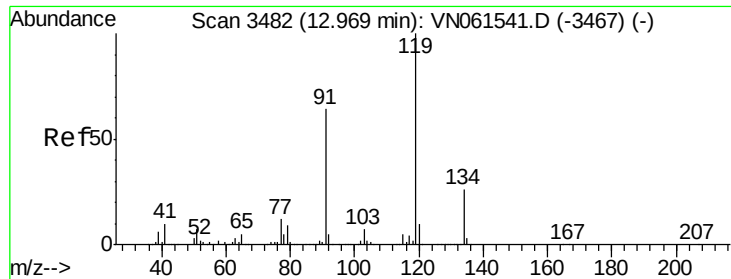
Delta R.T. 0.00 min

Lab File: VN061660.D

Acq: 5 Jun 2020 11:35

Tgt Ion:	91	Resp:	263350
Ion	Ratio	Lower	Upper
91	100		
126	36.1	17.5	52.6





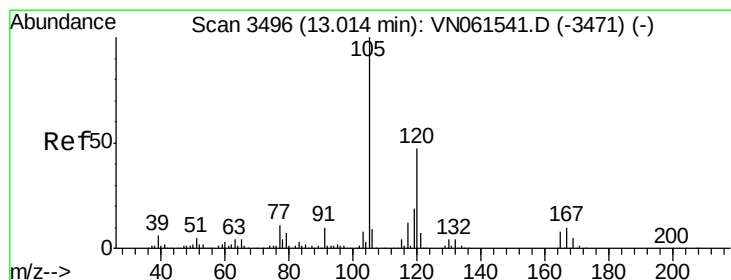
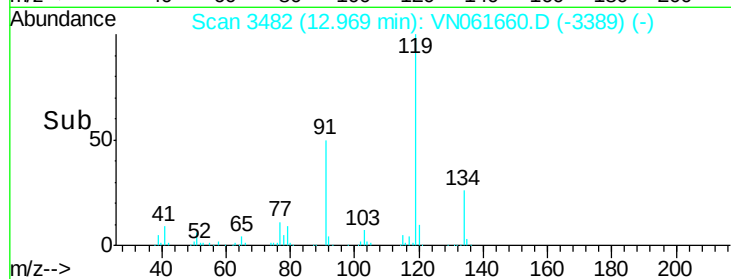
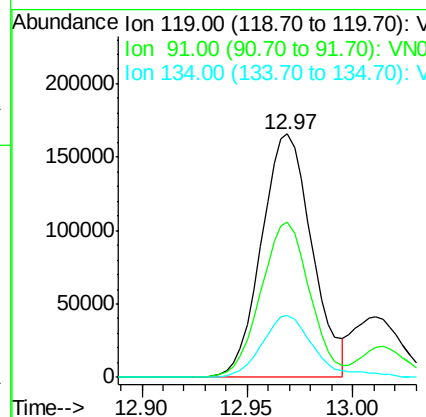
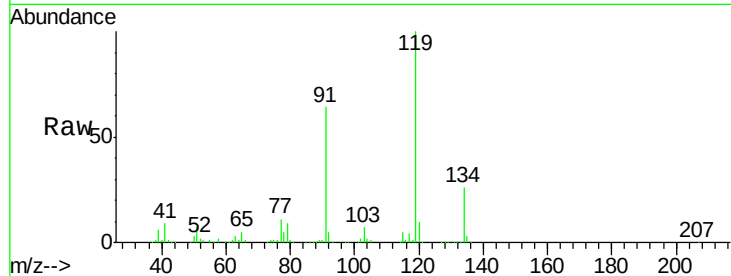
#83
 tert-Butylbenzene
 Concen: 19.063 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. 0.00 min
 Lab File: VN061660.D
 Acq: 5 Jun 2020 11:35

Instrument :
 MSVOA_N
 ClientSampled :
 VN0605WBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	61.7	31.3	93.8
134	26.3	13.5	40.4

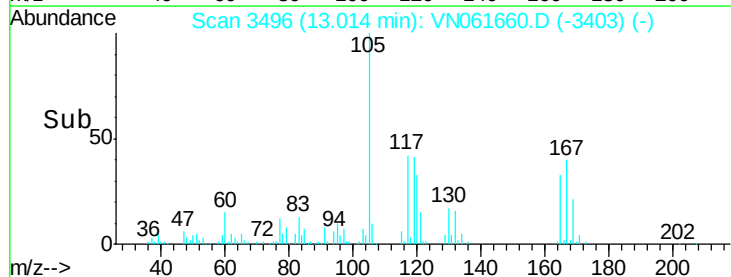
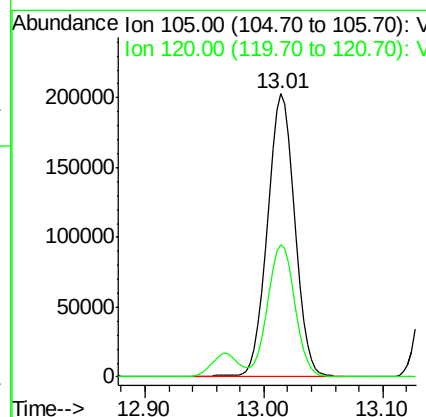
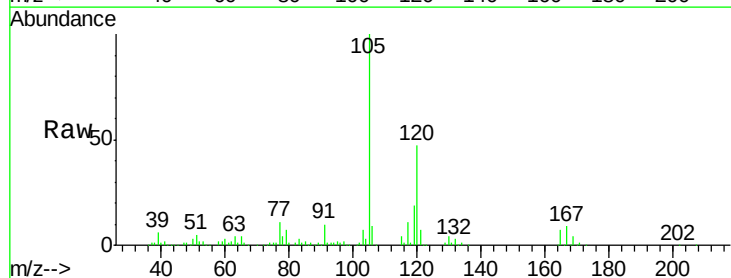
Manual Integrations
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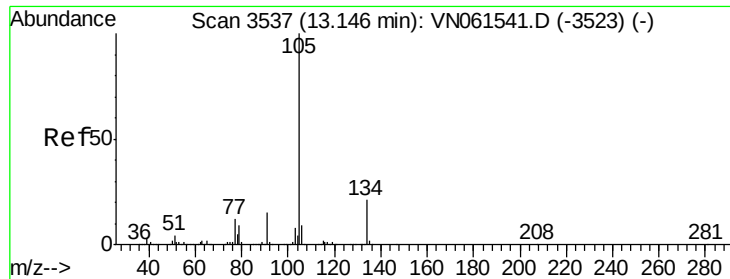
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.853 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. 0.00 min
 Lab File: VN061660.D
 Acq: 5 Jun 2020 11:35

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.7	23.2	69.5





#85

sec-Butylbenzene

Concen: 18.896 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. 0.00 min

Lab File: VN061660.D

Acq: 5 Jun 2020 11:35

Instrument :

MSVOA_N

ClientSampled :

VN0605WBS01

Tot Ion:105 Resp: 353440

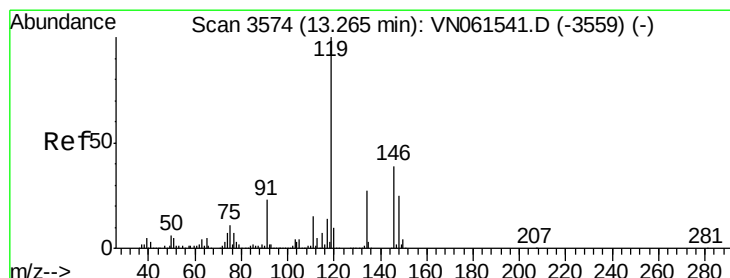
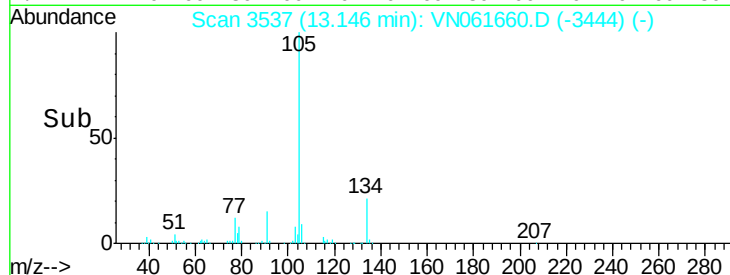
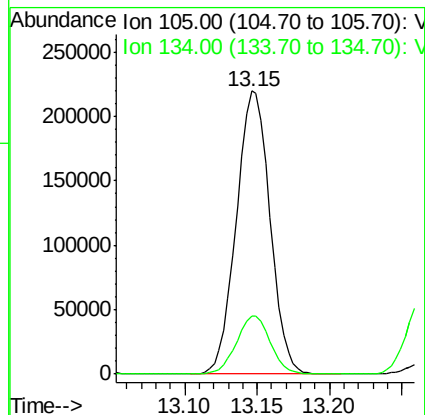
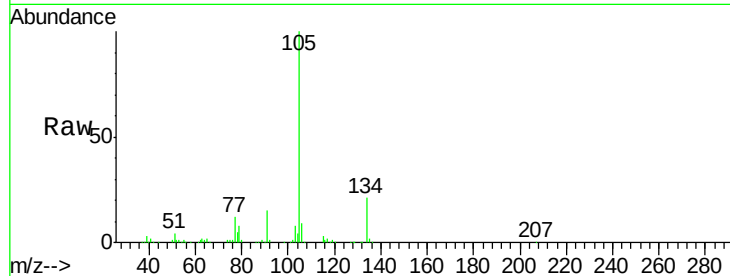
Ion Ratio Lower Upper

105 100

134 20.7 10.7 31.9

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 19.024 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. 0.00 min

Lab File: VN061660.D

Acq: 5 Jun 2020 11:35

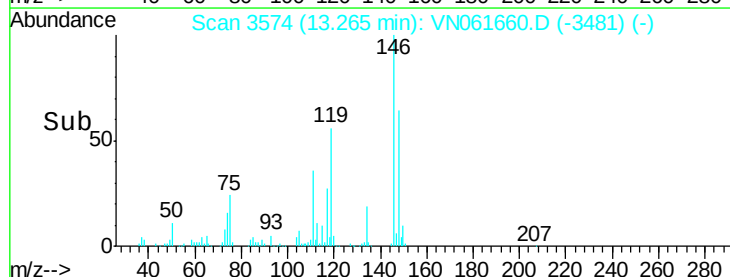
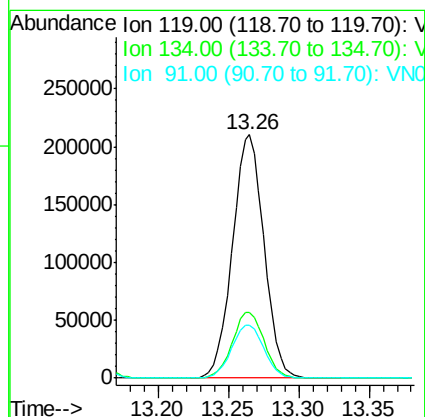
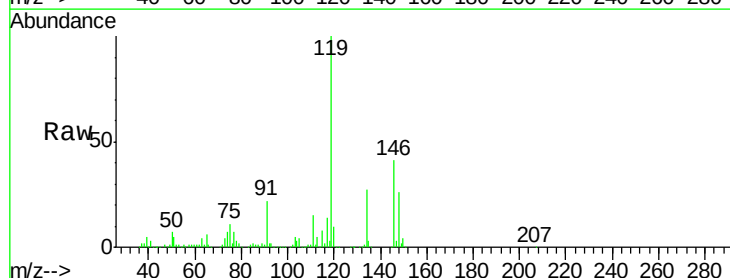
Tgt Ion:119 Resp: 327695

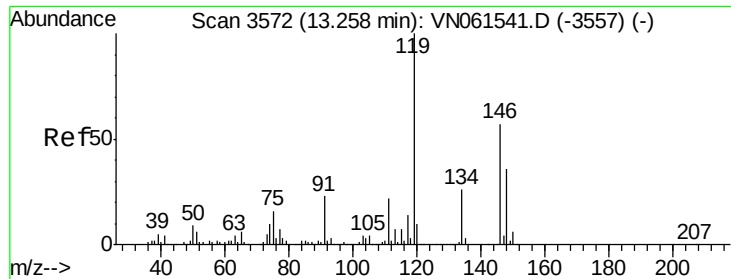
Ion Ratio Lower Upper

119 100

134 27.4 13.5 40.5

91 22.5 11.4 34.1





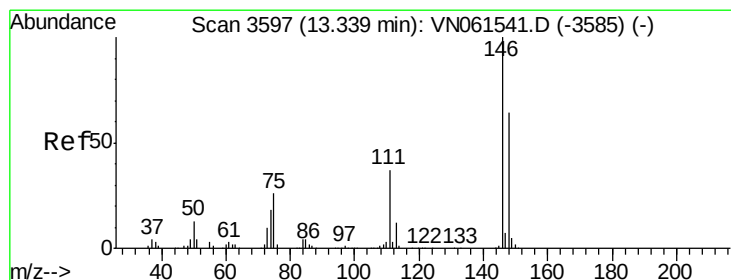
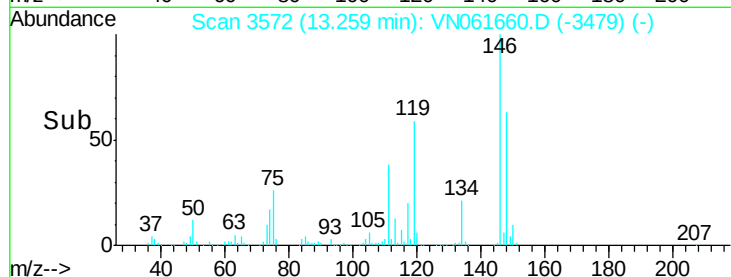
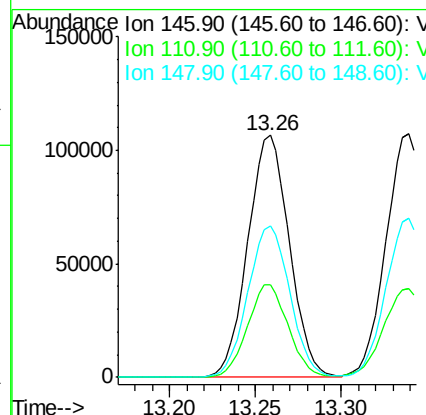
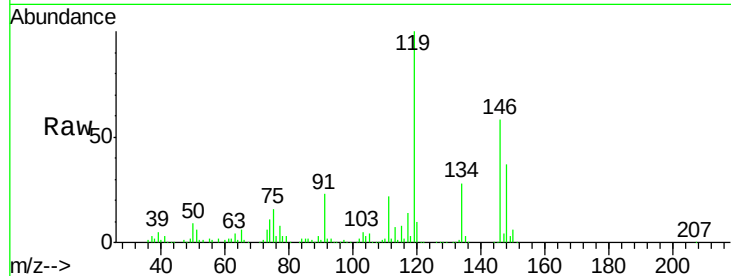
#87
 1,3-Dichlorobenzene
 Concen: 20.141 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VN061660.D
 Acq: 5 Jun 2020 11:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0605WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	178941		
111	37.4	19.2	57.6	
148	63.2	31.7	95.1	

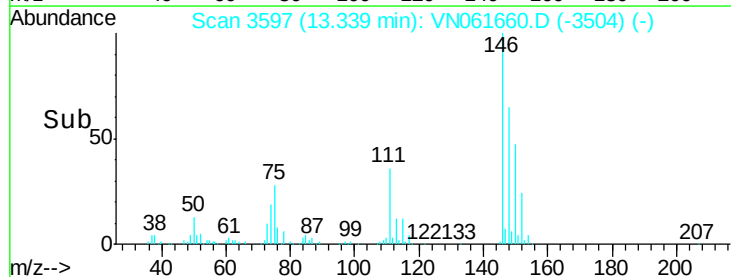
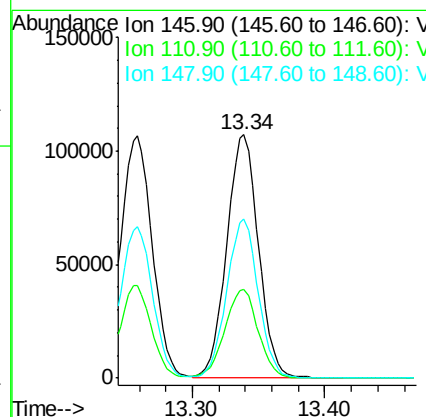
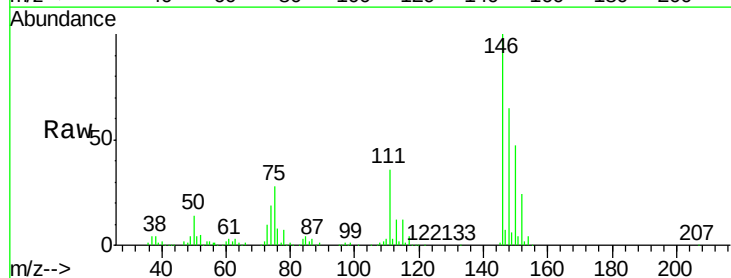
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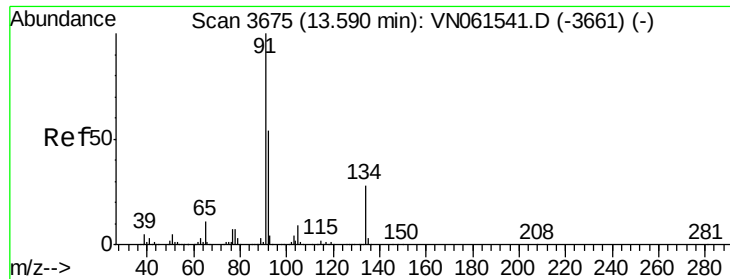
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#88
 1,4-Dichlorobenzene
 Concen: 19.588 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VN061660.D
 Acq: 5 Jun 2020 11:35

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	177288		
111	38.2	18.9	56.9	
148	65.3	31.8	95.3	





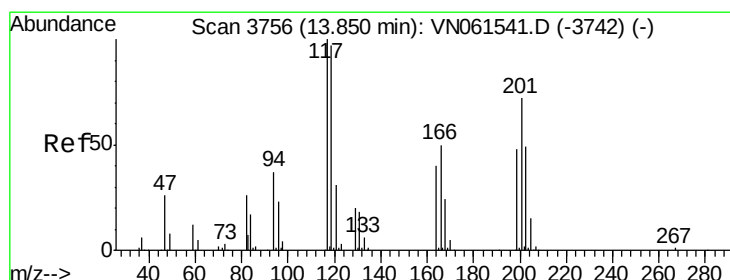
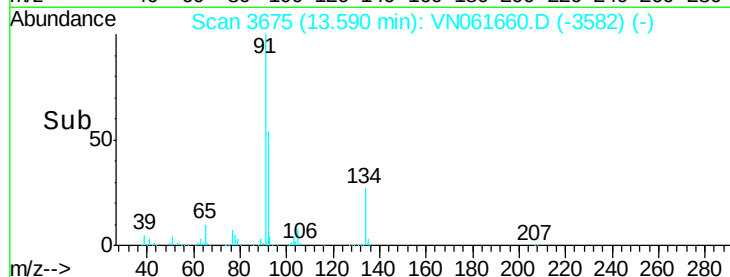
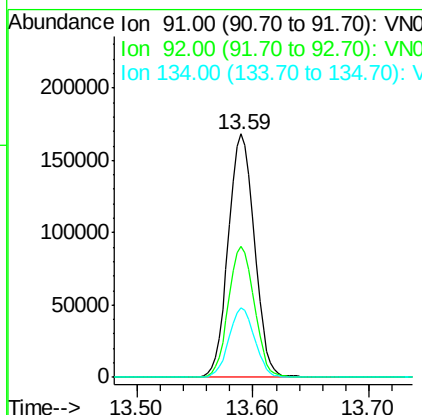
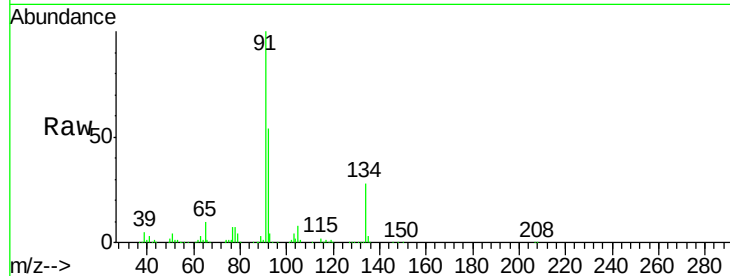
#89
n-Butylbenzene
Concen: 18.233 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. 0.00 min
Lab File: VN061660.D
Acq: 5 Jun 2020 11:35

Instrument :
MSVOA_N
ClientSampleId :
VN0605WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.4	27.2	81.6
134	28.2	14.0	42.0

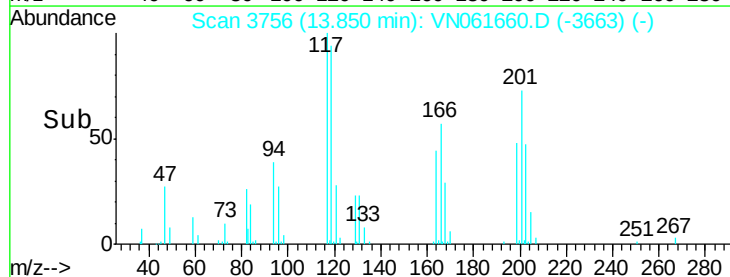
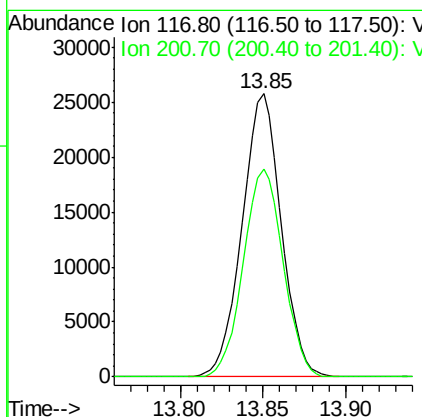
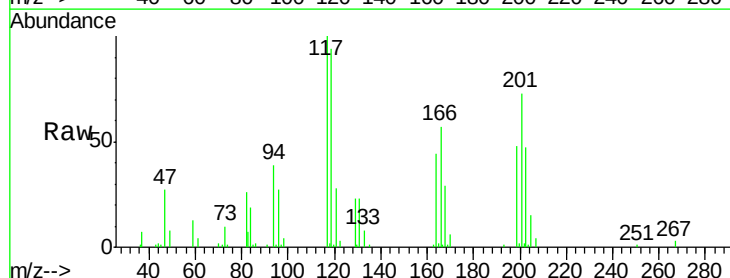
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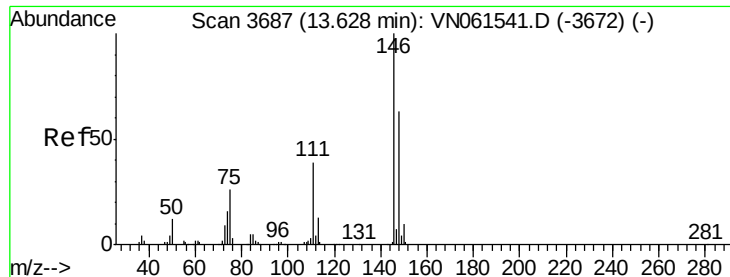
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#90
Hexachloroethane
Concen: 22.178 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. 0.00 min
Lab File: VN061660.D
Acq: 5 Jun 2020 11:35

Tgt Ion	Ratio	Lower	Upper
117	100		
201	74.5	36.7	110.1





#91

1,2-Dichlorobenzene

Concen: 20.430 ug/l

RT: 13.63 min Scan# 3687

Delta R.T. 0.00 min

Lab File: VN061660.D

Acq: 5 Jun 2020 11:35

Instrument :

MSVOA_N

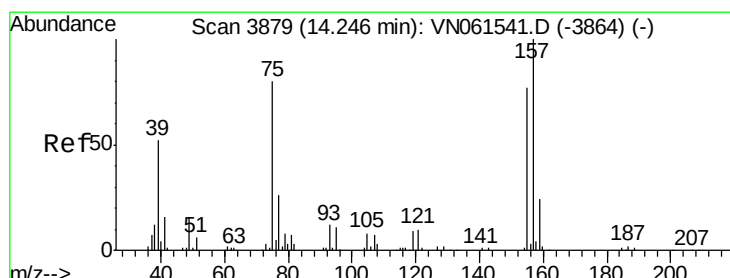
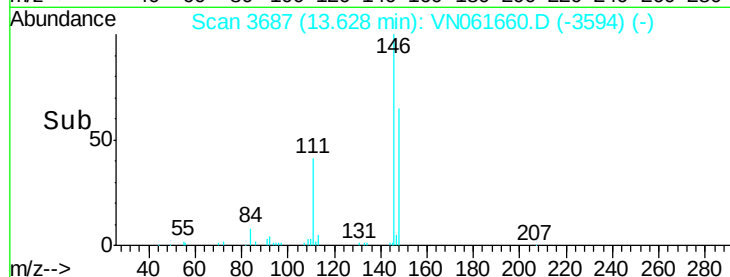
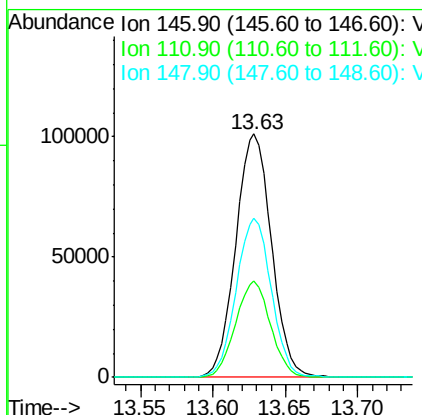
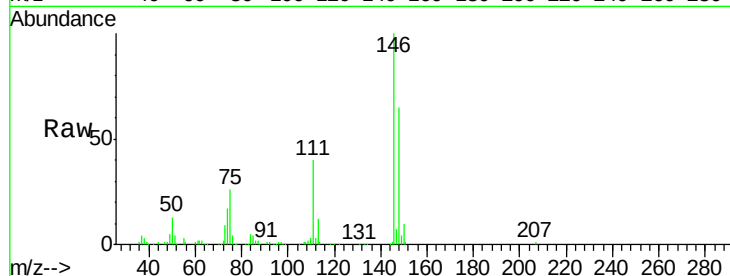
ClientSampled :

VN0605WBS01

Tot Ion:	146	Resp:	173460
Ion Ratio	Lower	Upper	
146	100		
111	38.7	20.1	60.2
148	64.3	31.9	95.5

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 16.420 ug/l

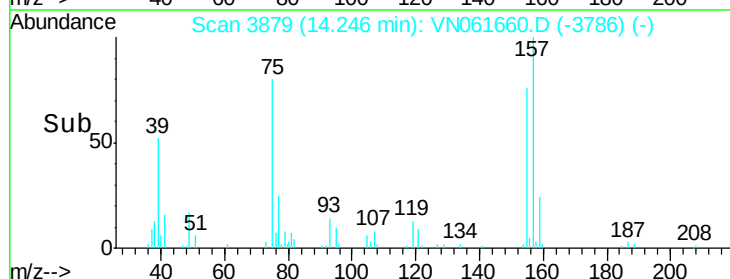
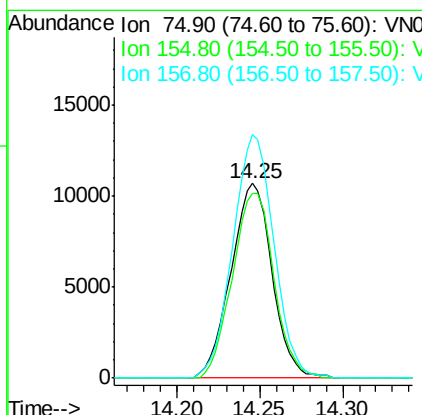
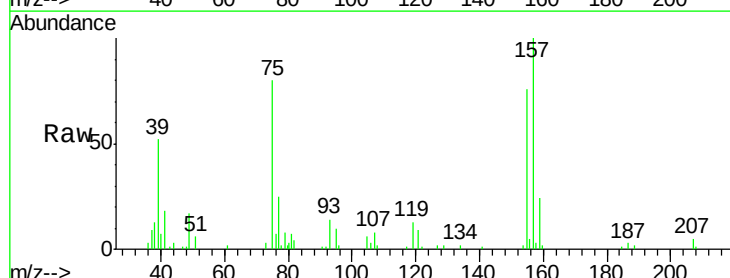
RT: 14.25 min Scan# 3879

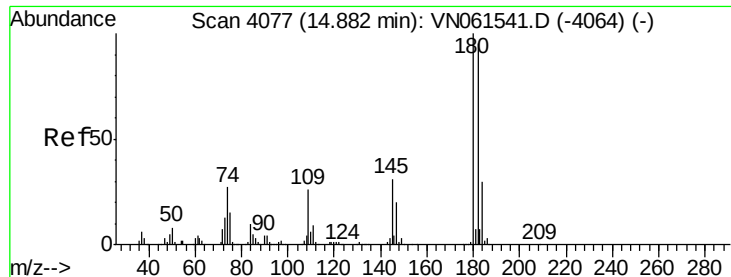
Delta R.T. 0.00 min

Lab File: VN061660.D

Acq: 5 Jun 2020 11:35

Tgt Ion:	75	Resp:	18445
Ion Ratio	Lower	Upper	
75	100		
155	96.2	47.1	141.4
157	125.2	60.3	180.8





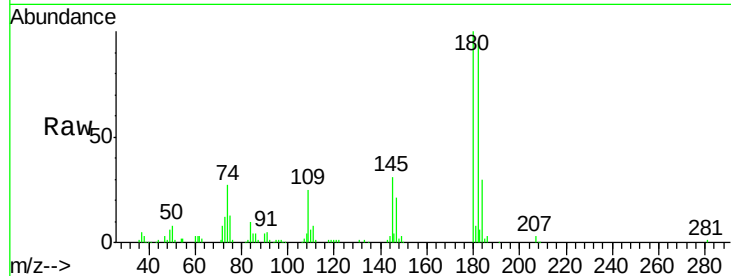
#93
 1,2,4-Trichlorobenzene
 Concen: 18.877 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN061660.D
 Acq: 5 Jun 2020 11:35

Instrument :
 MSVOA_N
 ClientSampled :
 VN0605WBS01

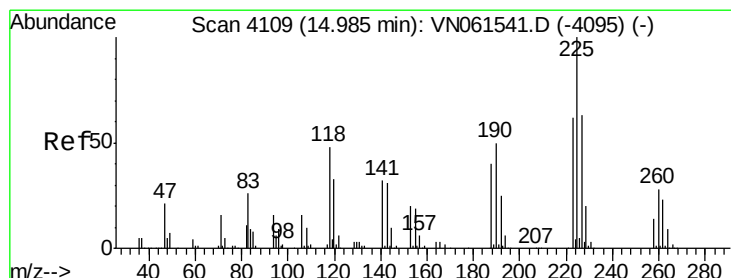
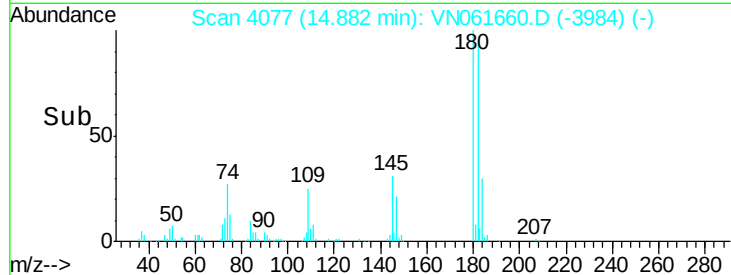
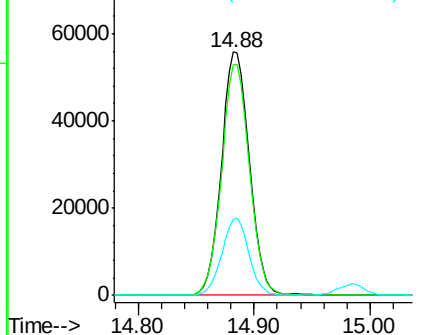
Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	94.5	47.8	143.3	
145	30.3	15.5	46.5	

Manual Integrations
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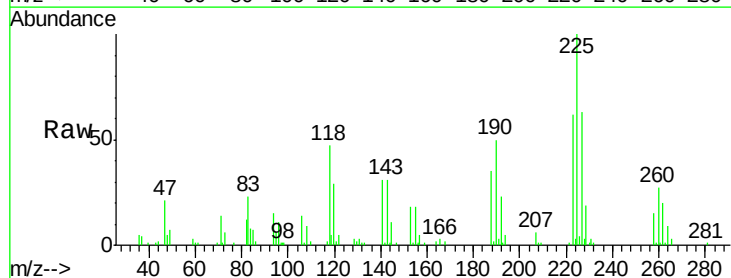


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

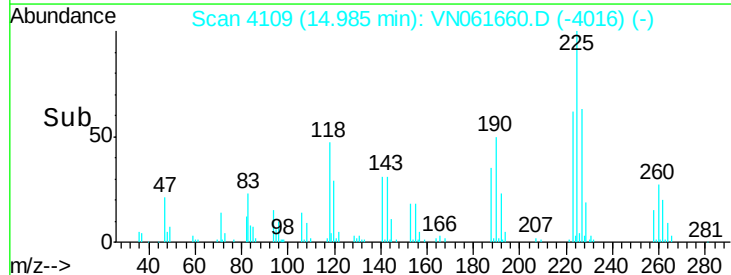
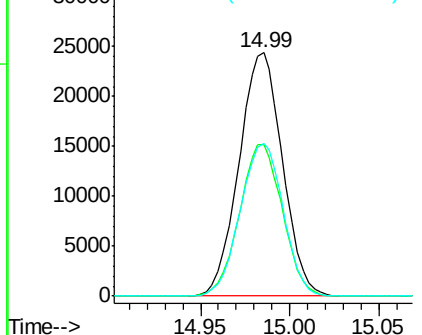


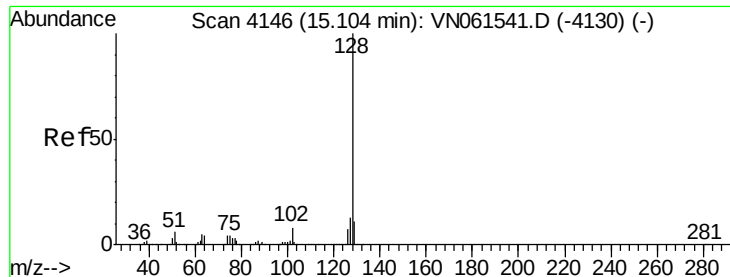
#94
 Hexachlorobutadiene
 Concen: 19.598 ug/l
 RT: 14.99 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN061660.D
 Acq: 5 Jun 2020 11:35

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.3	31.9	95.5	
227	62.0	31.9	95.9	



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





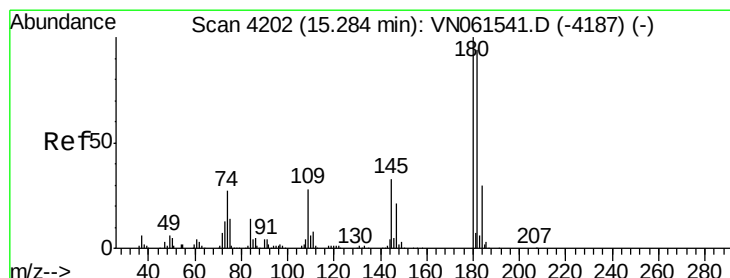
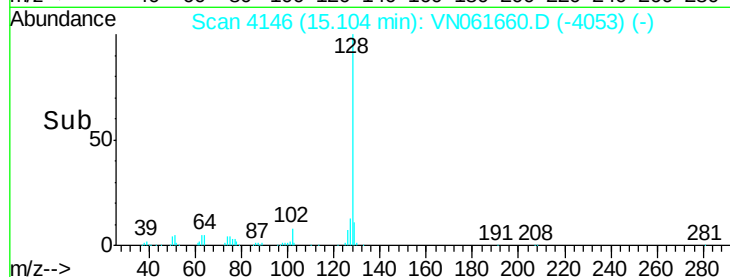
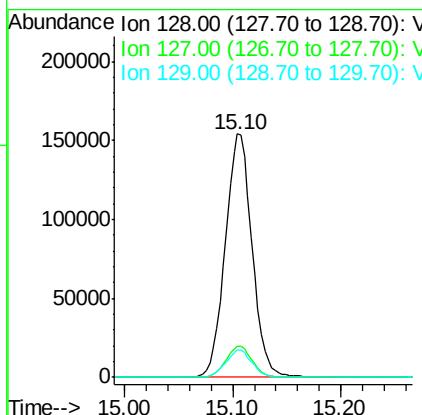
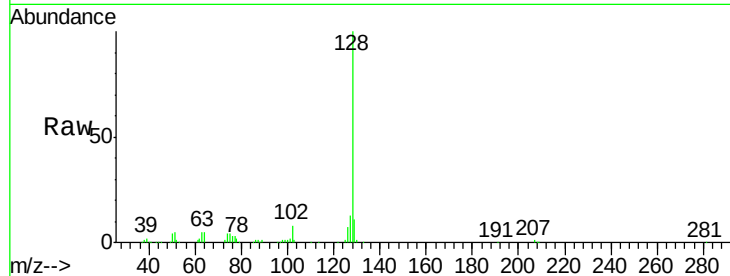
#95
Naphthalene
Concen: 17.646 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN061660.D
Acq: 5 Jun 2020 11:35

Instrument :
MSVOA_N
ClientSampleId :
VN0605WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.0	15.0
129	11.0	8.5	12.7

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 18.955 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. 0.00 min
Lab File: VN061660.D
Acq: 5 Jun 2020 11:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	47.1	141.3
145	33.1	16.3	48.9

