

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061020\
 Data File : VN061736.D
 Acq On : 10 Jun 2020 14:49
 Operator : JC/MD
 Sample : VN0610WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0610WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/11/2020 12:44:39 PM

Quant Time: Jun 11 03:14:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N061020W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jun 10 12:28:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.15	128	61131	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	326403	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	299456	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.99	65	113806	29.85	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.50%
60) 4-Bromofluorobenzene	12.37	95	129509	29.35	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	97.83%
63) Toluene-d8	10.06	98	386411	30.38	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.27%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.83	85	50327	19.918	ug/l 97
3) Chloromethane	2.03	50	65673	21.740	ug/l 98
4) Vinyl Chloride	2.16	62	85325	20.240	ug/l 99
5) Bromomethane	2.54	94	58378	21.131	ug/l 94
6) Chloroethane	2.67	64	57435	19.489	ug/l 98
7) Trichlorofluoromethane	2.98	101	122418	20.067	ug/l 100
8) Diethyl Ether	3.37	74	36558	19.211	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	3.71	101	63038	20.204	ug/l 100
10) 1,1-Dichloroethene	3.69	96	61131	19.885	ug/l 95
11) Methyl Iodide	3.91	142	84432	20.154	ug/l 99
12) Methyl Acetate	4.27	43	47080	19.247	ug/l 92
13) Acrolein	3.57	56	25489	77.872	ug/l 98
14) Acrylonitrile	4.93	53	118240	93.656	ug/l # 92
15) Acetone	3.77	58	40379	106.956	ug/l 92
16) Carbon Disulfide	4.00	76	146474	23.005	ug/l 97
17) Allyl chloride	4.27	41	68387	19.529	ug/l 97
18) Methylene Chloride	4.50	84	68601	19.447	ug/l 97
19) trans-1,2-Dichloroethene	4.99	96	66635	19.493	ug/l 98
20) Diisopropyl ether	5.90	45	163554	19.550	ug/l 96
21) 1,1-Dichloroethane	5.80	63	107220	19.276	ug/l 98
22) cis-1,2-Dichloroethene	6.78	96	75883	18.926	ug/l 99
23) tert-Butyl Alcohol	4.73	59	48654	99.657	ug/l # 100
24) Methyl tert-Butyl Ether	4.99	73	188612	19.247	ug/l 97
25) Chloroform	7.33	83	122155	19.385	ug/l 95
26) Cyclohexane	7.61	56	86335	20.326	ug/l # 97
29) 1,1-Dichloropropene	7.75	75	87598	19.972	ug/l 99
30) 2-Butanone	6.78	43	151804	99.915	ug/l 99
31) 2,2-Dichloropropane	6.77	77	101464	19.759	ug/l # 74
32) 1,1,1-Trichloroethane	7.53	97	108370	19.351	ug/l 99
33) Carbon Tetrachloride	7.73	117	87706	19.234	ug/l 96
34) Benzene	8.00	78	266408	19.485	ug/l 99
35) Methacrylonitrile	7.12	41	21565	15.283	ug/l # 75
36) 1,2-Dichloroethane	8.09	62	84682	19.164	ug/l 97
37) Trichloroethene	8.80	130	82468	19.338	ug/l 100
38) Methylcyclohexane	9.04	83	99695	20.308	ug/l 99
39) 1,2-Dichloropropane	9.08	63	63169	19.289	ug/l 95
40) Dibromomethane	9.18	93	46903	19.096	ug/l 98

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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.37	83	94703	19.006	ug/l	98
42) Vinyl Acetate	5.84	43	622865	99.383	ug/l	100
43) Ethyl Acetate	6.88	43	64928	21.045	ug/l	98
44) Isopropyl Acetate	8.12	43	105866	18.965	ug/l	98
45) 1,4-Dioxane	9.16	88	23604	413.739	ug/l	98
46) Methyl methacrylate	9.17	41	45308	18.709	ug/l	98
47) n-amyl Acetate	12.04	43	82431	17.427	ug/l	100
48) t-1,3-Dichloropropene	10.35	75	96773	18.623	ug/l	99
49) cis-1,3-Dichloropropene	9.81	75	108011	19.014	ug/l	98
50) 1,1,2-Trichloroethane	10.53	97	68005	19.053	ug/l	97
51) Ethyl methacrylate	10.40	69	85443	18.425	ug/l	98
52) 1,3-Dichloropropane	10.68	76	108987	19.172	ug/l	97
53) Dibromochloromethane	10.87	129	76282	18.137	ug/l	97
54) 1,2-Dibromoethane	10.98	107	70707	18.909	ug/l	100
55) 2-Chloroethyl vinyl ether	9.66	63	126416	71.719	ug/l	100
56) Bromoform	12.10	173	52334	17.820	ug/l #	97
58) 4-Methyl-2-Pentanone	9.95	43	305098	98.514	ug/l	99
59) 2-Hexanone	10.72	43	223167	99.371	ug/l	98
61) Tetrachloroethene	10.60	164	87671	19.172	ug/l	95
62) Toluene	10.12	91	297288	19.773	ug/l	98
64) Chlorobenzene	11.41	112	188193	19.452	ug/l	96
65) 1,1,1,2-Tetrachloroethane	11.48	131	72102	19.552	ug/l	98
66) Ethyl Benzene	11.48	91	325709	19.790	ug/l	98
67) m/p-Xylenes	11.59	106	255094	38.964	ug/l	100
68) o-Xylene	11.92	106	120274	19.450	ug/l	99
69) Styrene	11.94	104	196594	18.768	ug/l	99
70) Isopropylbenzene	12.22	105	319685	19.574	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.48	83	84622	19.505	ug/l	99
72) 1,2,3-Trichloropropane	12.53	75	78073m	19.089	ug/l	
73) Bromobenzene	12.50	156	82370	18.668	ug/l	100
74) n-propylbenzene	12.56	91	353908	19.170	ug/l	100
75) 2-Chlorotoluene	12.65	91	208607	19.172	ug/l	99
76) 1,3,5-Trimethylbenzene	12.71	105	262160	19.254	ug/l	100
77) t-1,4-Dichloro-2-butene	12.27	75	26215	17.768	ug/l	98
78) 4-Chlorotoluene	12.75	91	216964	19.137	ug/l	100
79) tert-butylbenzene	12.97	119	224895	19.100	ug/l	98
80) 1,2,4-Trimethylbenzene	13.01	105	262733	19.183	ug/l	99
81) sec-Butylbenzene	13.15	105	291606	19.165	ug/l	100
82) p-Isopropyltoluene	13.26	119	266254	18.849	ug/l	100
83) 1,3-Dichlorobenzene	13.26	146	144476	18.346	ug/l	100
84) 1,4-Dichlorobenzene	13.34	146	142716	18.445	ug/l	98
85) n-Butylbenzene	13.59	91	213117	18.267	ug/l	100
86) Hexachloroethane	13.85	117	35391	18.402	ug/l	99
87) 1,2-Dichlorobenzene	13.63	146	140094	18.726	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	14.24	75	14784	18.344	ug/l	99
89) 1,2,4-Trichlorobenzene	14.89	180	74151	16.903	ug/l	98
90) Hexachlorobutadiene	14.99	225	36067	18.963	ug/l	98
91) Naphthalene	15.10	128	202774	16.657	ug/l	100
92) 1,2,3-Trichlorobenzene	15.28	180	75530	17.577	ug/l	99

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ClientSampleId :
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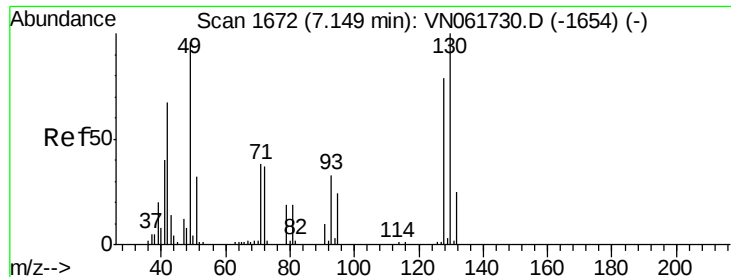
Manual Integrations
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QLast Update : Wed Jun 10 12:28:45 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.15 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VN061736.D

Acq: 10 Jun 2020 14:49

Instrument :

MSVOA_N

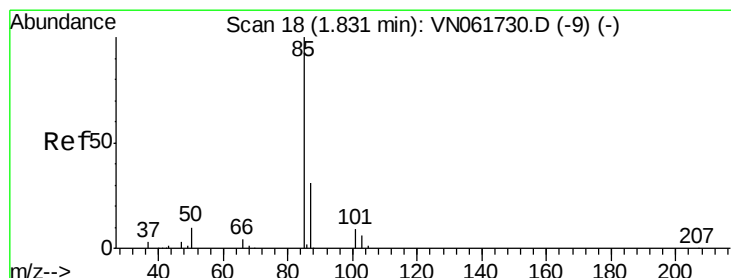
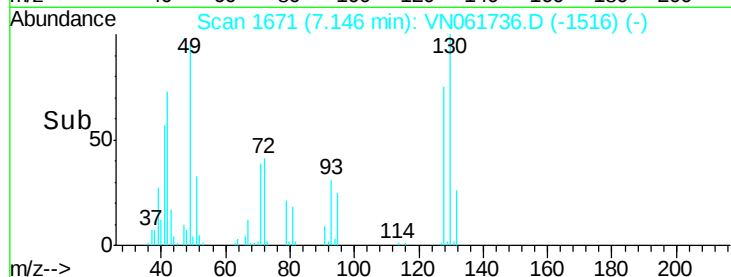
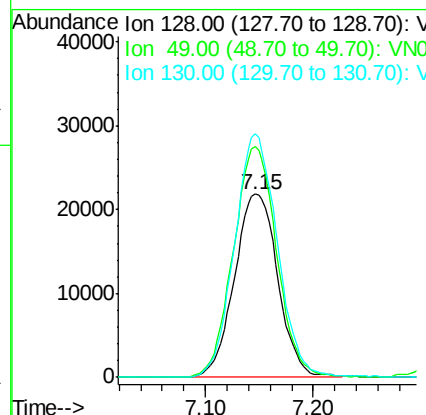
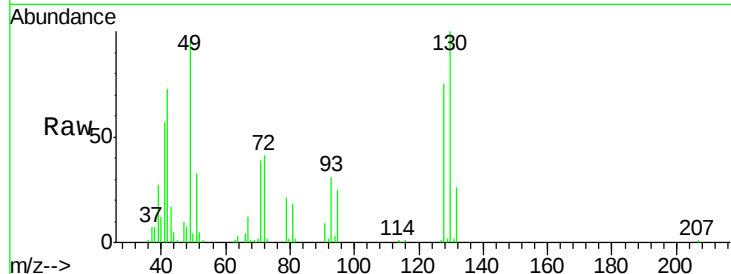
ClientSampleId :

VN0610WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
49	125.4	0.0	312.3
130	130.7	0.0	328.7

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#2

Dichlorodifluoromethane

Concen: 19.918 ug/l

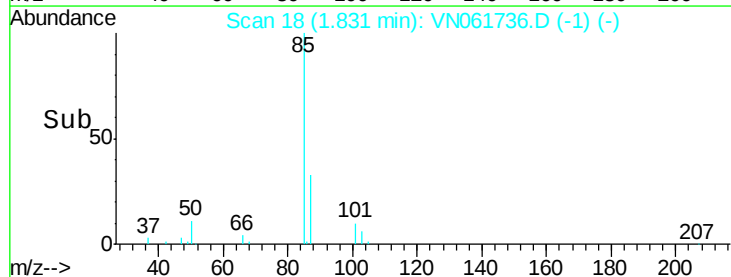
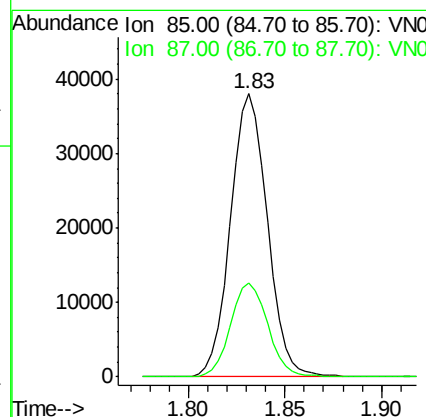
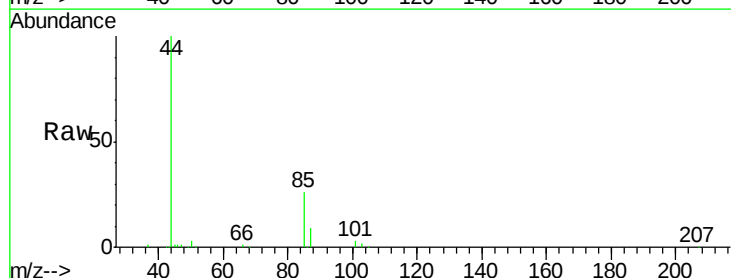
RT: 1.83 min Scan# 18

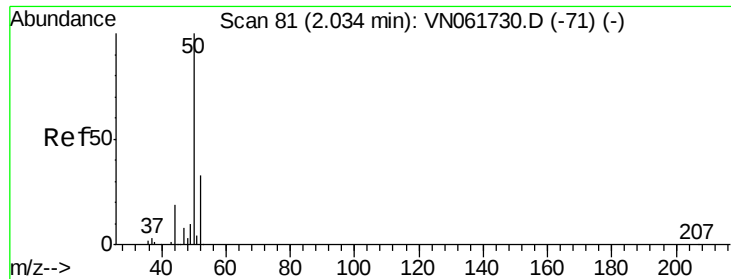
Delta R.T. 0.00 min

Lab File: VN061736.D

Acq: 10 Jun 2020 14:49

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.0	15.7	47.1





#3

Chloromethane

Concen: 21.740 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN061736.D

Acq: 10 Jun 2020 14:49

Instrument :

MSVOA_N

ClientSampleId :

VN0610WBS01

Tot Ion: 50 Resp: 65673

Ion Ratio Lower Upper

50 100

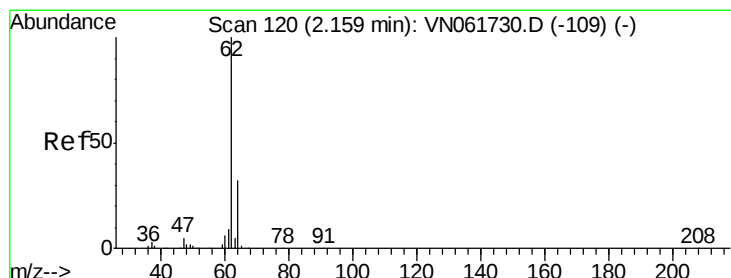
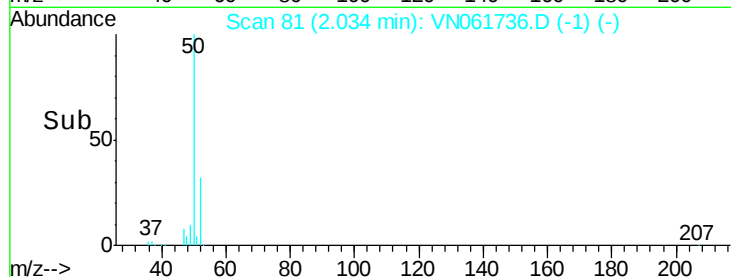
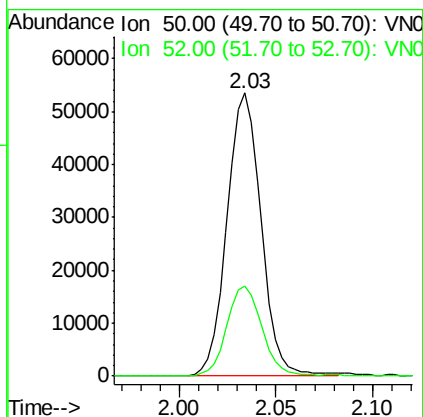
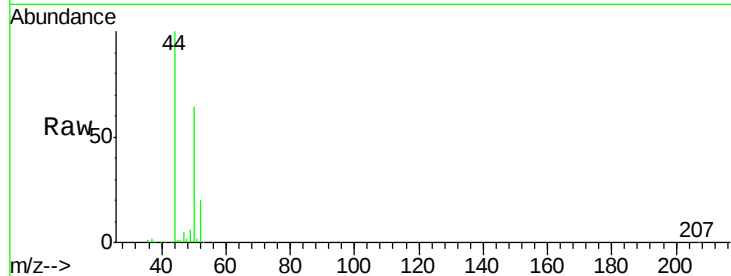
52 31.8 26.2 39.2

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#4

Vinyl Chloride

Concen: 20.240 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN061736.D

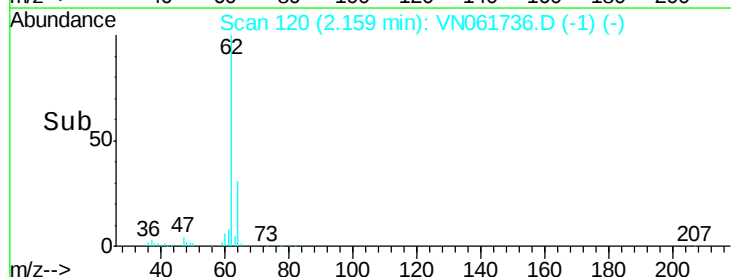
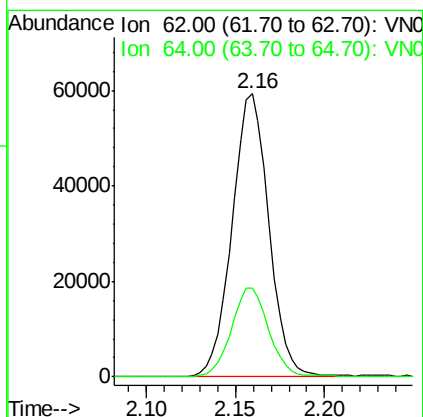
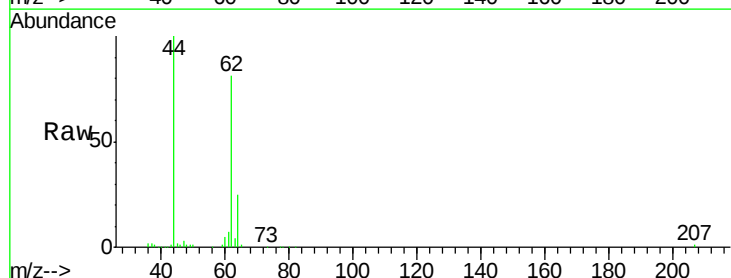
Acq: 10 Jun 2020 14:49

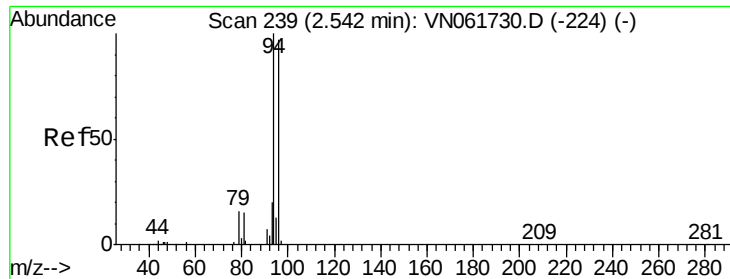
Tgt Ion: 62 Resp: 85325

Ion Ratio Lower Upper

62 100

64 31.4 25.5 38.3





#5

Bromomethane

Concen: 21.131 ug/l

RT: 2.54 min Scan# 238

Delta R.T. -0.00 min

Lab File: VN061736.D

Acq: 10 Jun 2020 14:49

Instrument :

MSVOA_N

ClientSampleId :

VN0610WBS01

Tot Ion: 94 Resp: 58378

Ion Ratio Lower Upper

94 100

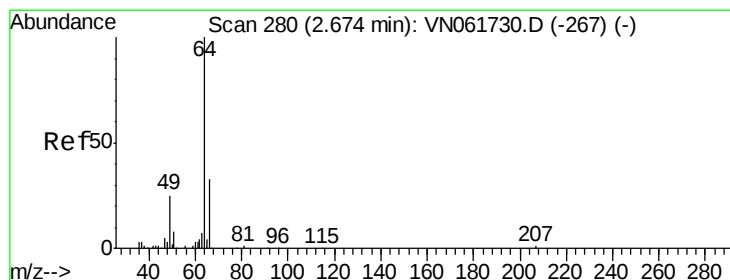
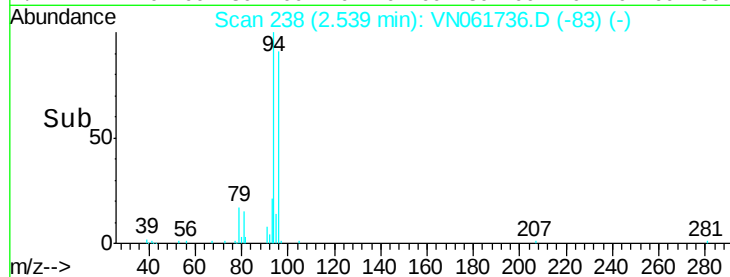
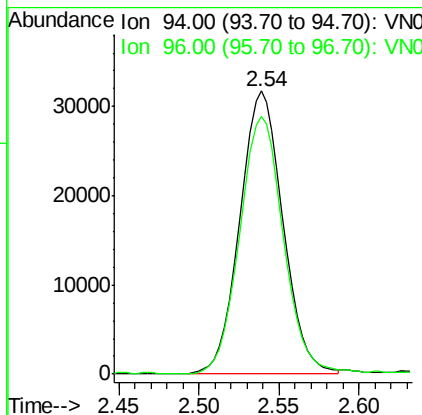
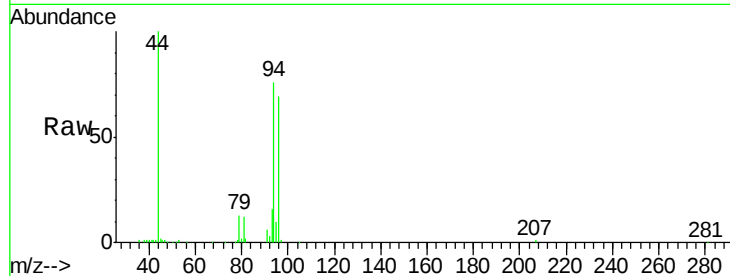
96 90.9 77.4 116.2

Manual Integrations

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#6

Chloroethane

Concen: 19.489 ug/l

RT: 2.67 min Scan# 280

Delta R.T. 0.00 min

Lab File: VN061736.D

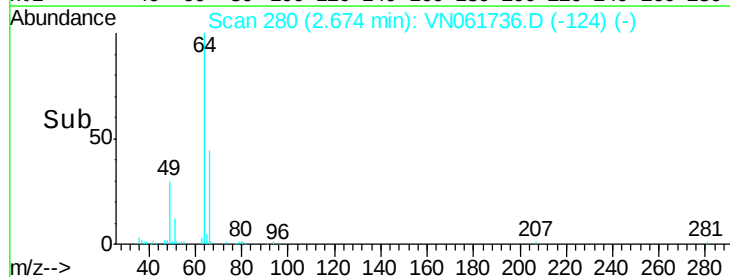
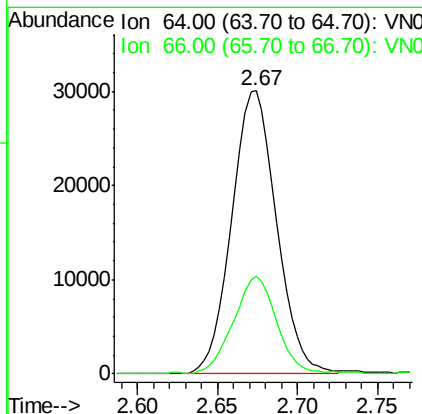
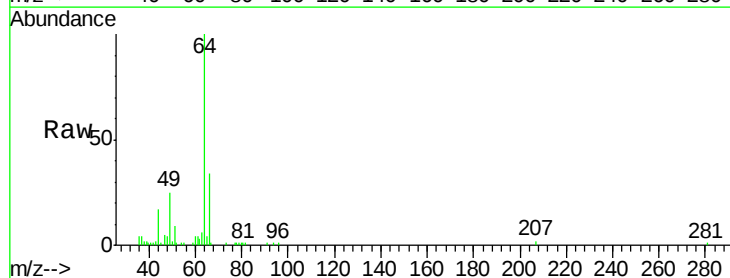
Acq: 10 Jun 2020 14:49

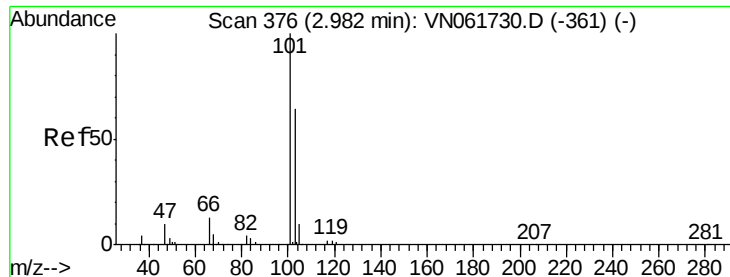
Tgt Ion: 64 Resp: 57435

Ion Ratio Lower Upper

64 100

66 34.5 26.6 39.8





#7

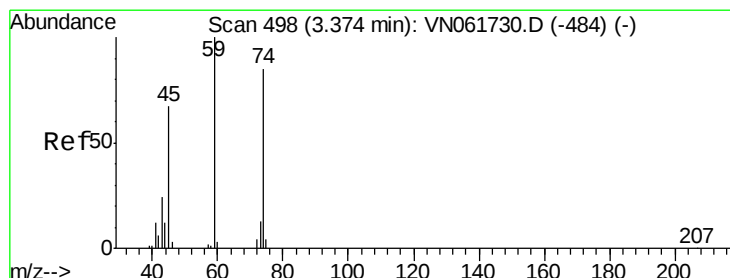
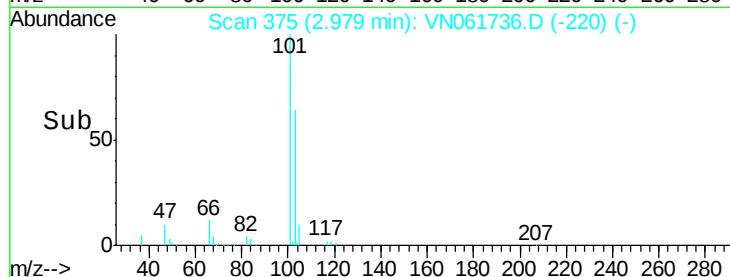
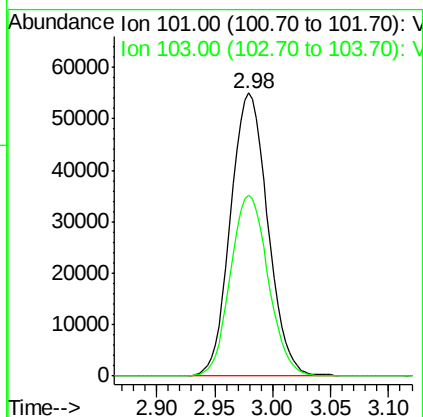
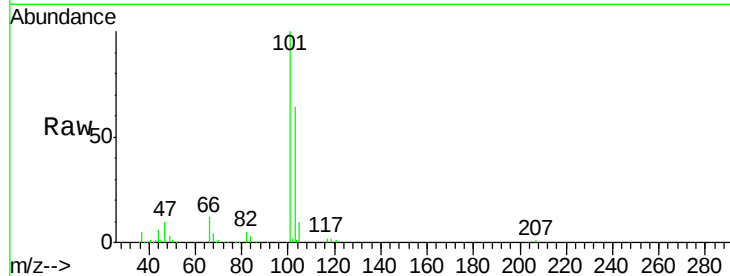
Trichlorofluoromethane
Concen: 20.067 ug/l
RT: 2.98 min Scan# 375
Delta R.T. -0.00 min
Lab File: VN061736.D
Acq: 10 Jun 2020 14:49

Instrument :
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ClientSampleId :
VN0610WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.8	51.1	76.7

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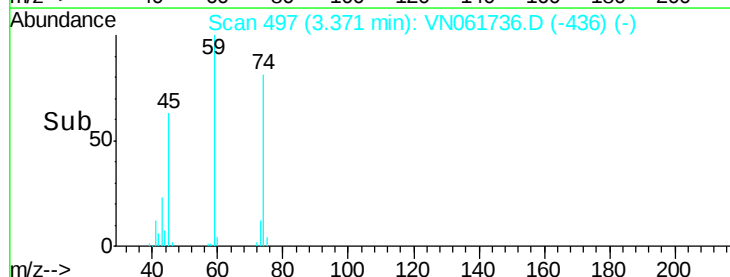
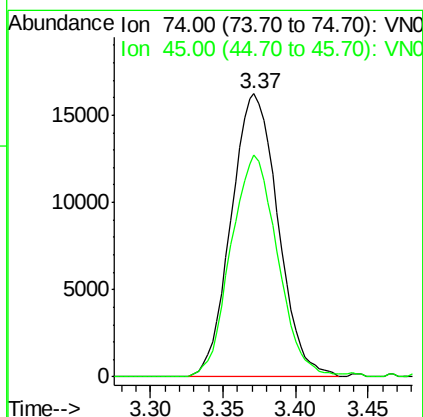
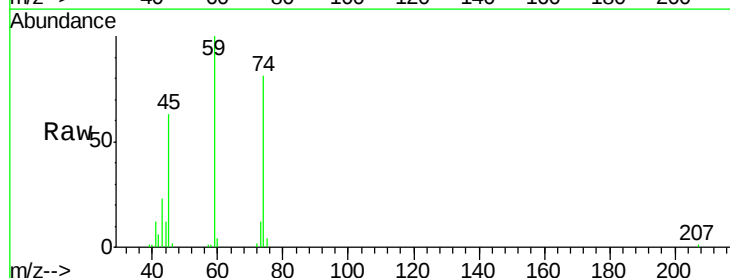
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6/11/2020 12:44:39 PM

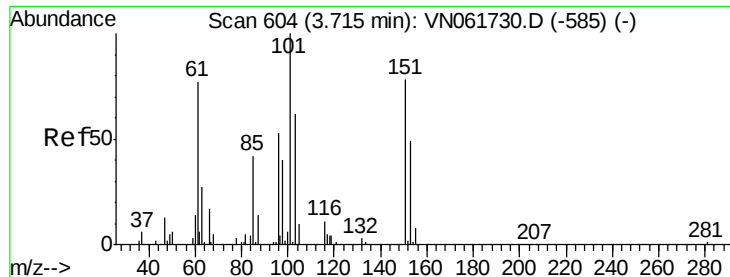


#8

Diethyl Ether
Concen: 19.211 ug/l
RT: 3.37 min Scan# 497
Delta R.T. -0.00 min
Lab File: VN061736.D
Acq: 10 Jun 2020 14:49

Tgt Ion	Ratio	Lower	Upper
74	100		
45	78.1	15.4	138.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.204 ug/l

RT: 3.71 min Scan# 602

Delta R.T. -0.01 min

Lab File: VN061736.D

Acq: 10 Jun 2020 14:49

Instrument :

MSVOA_N

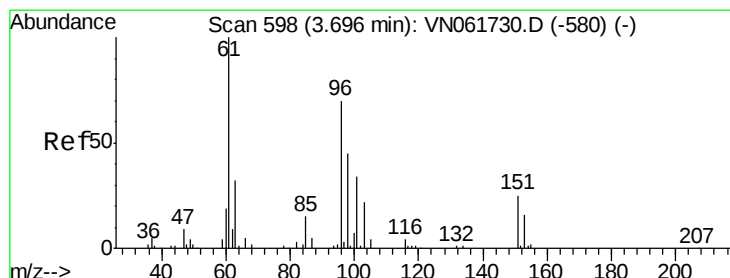
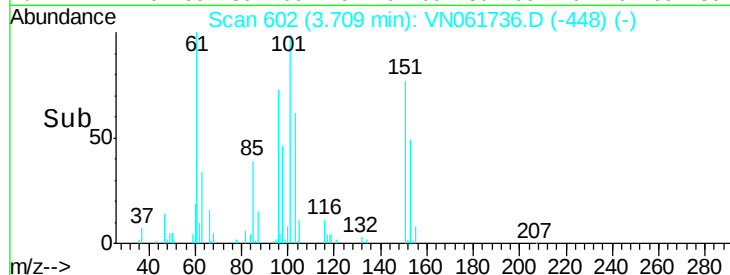
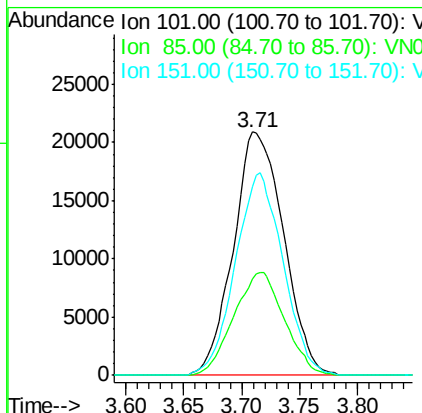
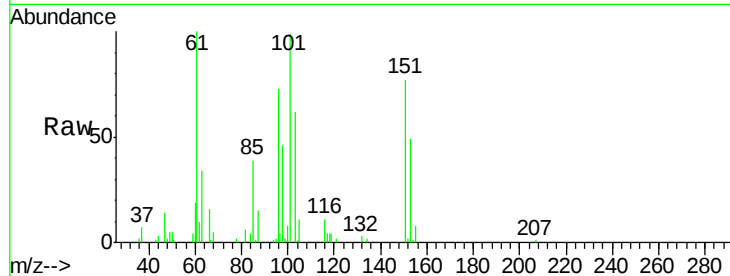
ClientSampleId :

VN0610WBS01

Tot Ion:	101	Resp:	63038
Ion Ratio	Lower	Upper	
101	100		
85	42.5	0.0	84.8
151	78.9	0.0	159.0

Manual Integrations
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6/11/2020 12:44:39 PM



#10

1,1-Dichloroethene

Concen: 19.885 ug/l

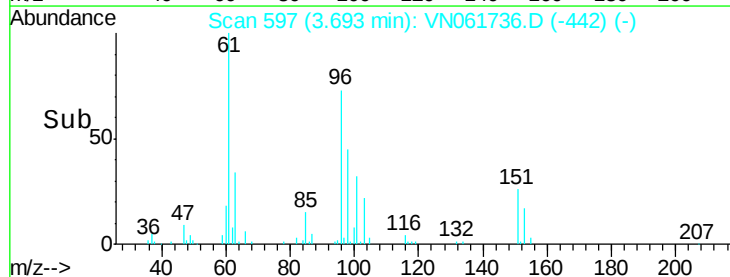
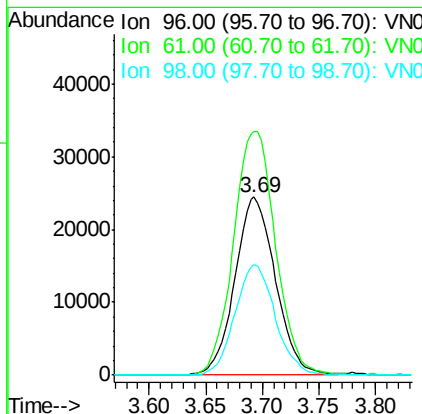
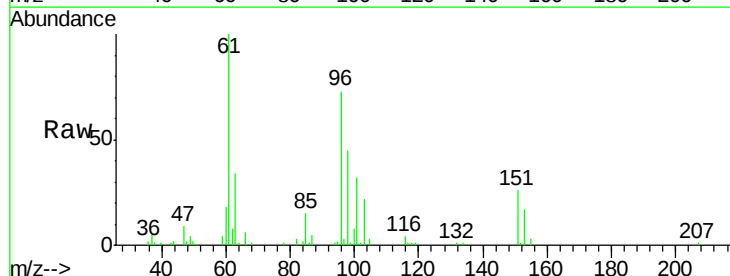
RT: 3.69 min Scan# 597

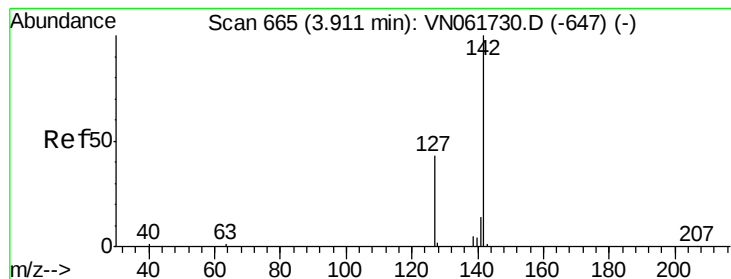
Delta R.T. -0.00 min

Lab File: VN061736.D

Acq: 10 Jun 2020 14:49

Tgt Ion:	96	Resp:	61131
Ion Ratio	Lower	Upper	
96	100		
61	136.9	114.9	172.3
98	62.3	52.2	78.2





#11

Methvl Iodide

Concen: 20.154 ug/l

RT: 3.91 min Scan# 664

Delta R.T. -0.00 min

Lab File: VN061736.D

Acq: 10 Jun 2020 14:49

Instrument :

MSVOA_N

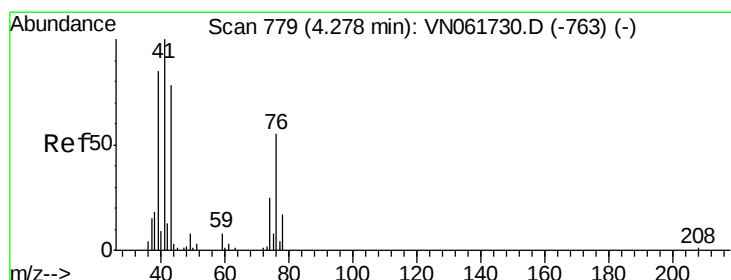
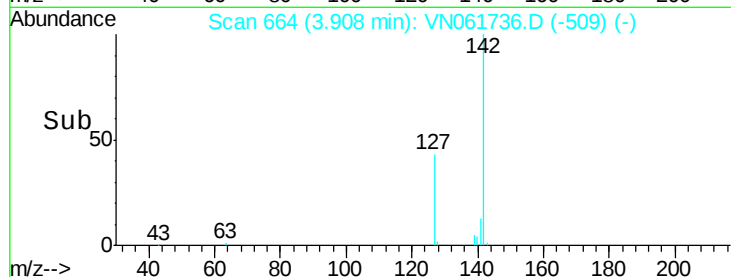
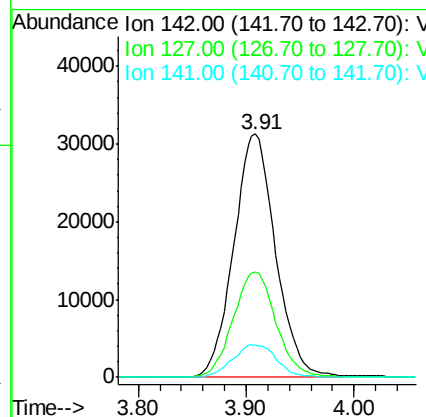
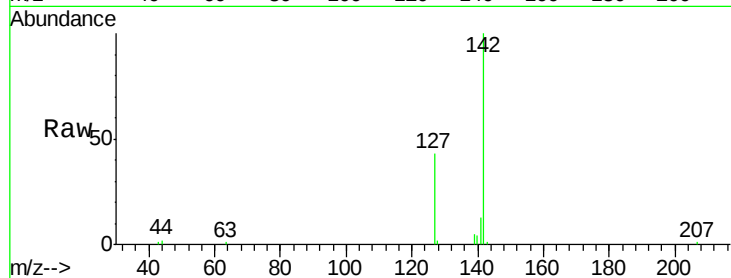
ClientSampleId :

VN0610WBS01

Tot Ion:	142	Resp:	84432
Ion Ratio	Lower	Upper	
142	100		
127	43.5	21.6	64.6
141	13.3	7.2	21.6

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#12

Methyl Acetate

Concen: 19.247 ug/l

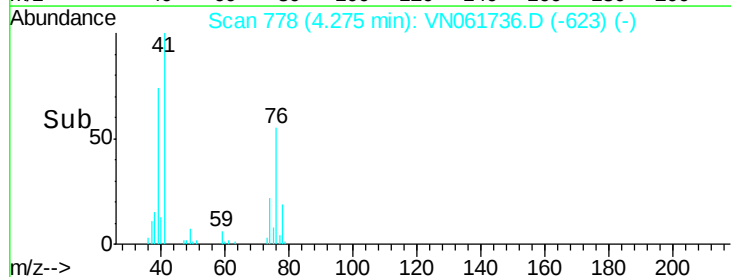
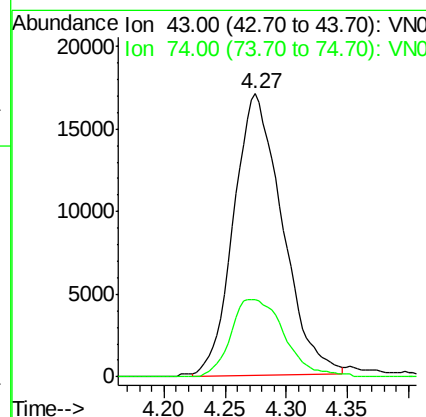
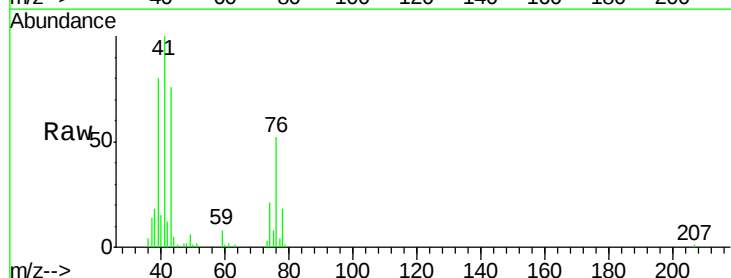
RT: 4.27 min Scan# 778

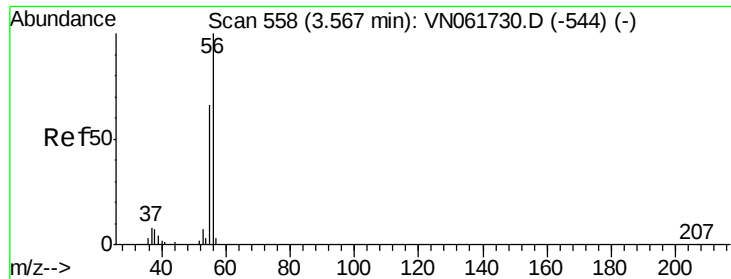
Delta R.T. -0.00 min

Lab File: VN061736.D

Acq: 10 Jun 2020 14:49

Tgt Ion:	43	Resp:	47080
Ion Ratio	Lower	Upper	
43	100		
74	27.6	25.8	38.6





#13

Acrolein

Concen: 77.872 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN061736.D

Acq: 10 Jun 2020 14:49

Instrument :

MSVOA_N

ClientSampleId :

VN0610WBS01

Tot Ion: 56 Resp: 25489

Ion Ratio Lower Upper

56 100

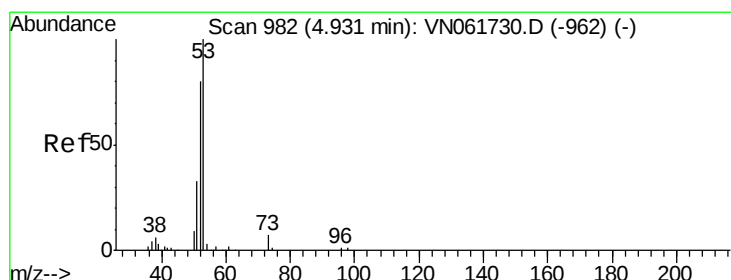
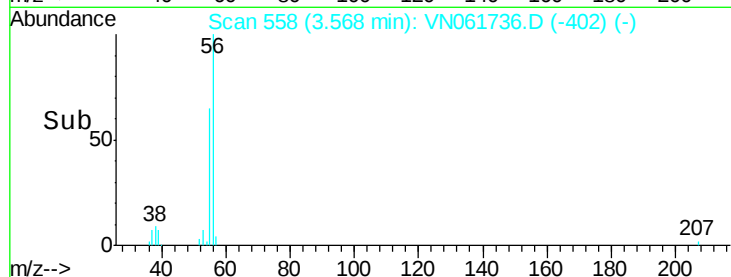
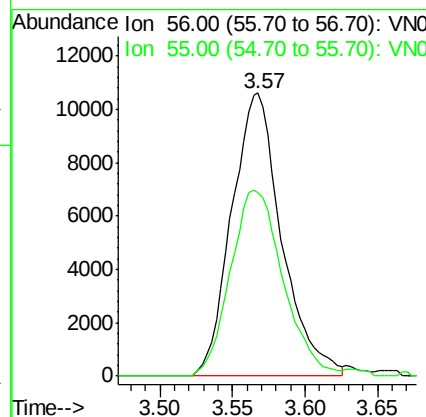
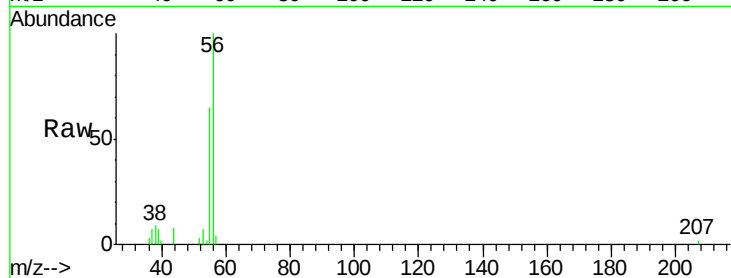
55 69.1 53.9 80.9

Manual Integrations

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#14

Acrylonitrile

Concen: 93.656 ug/l

RT: 4.93 min Scan# 981

Delta R.T. -0.00 min

Lab File: VN061736.D

Acq: 10 Jun 2020 14:49

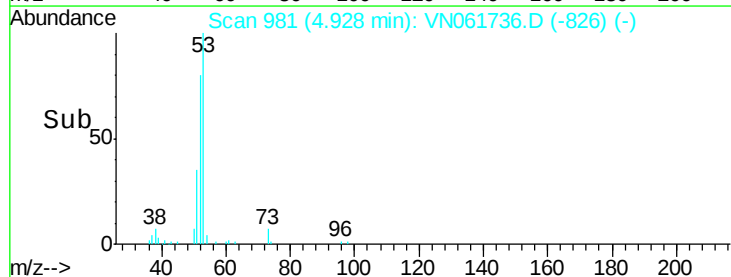
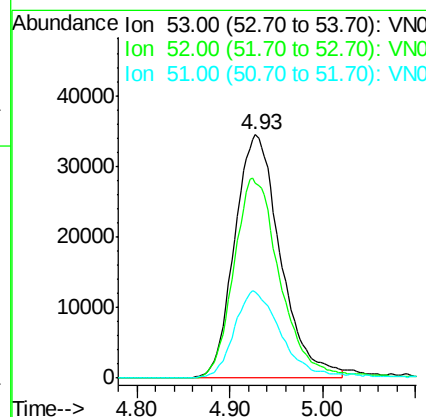
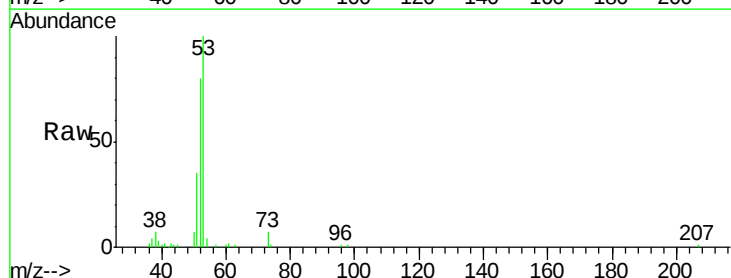
Tgt Ion: 53 Resp: 118240

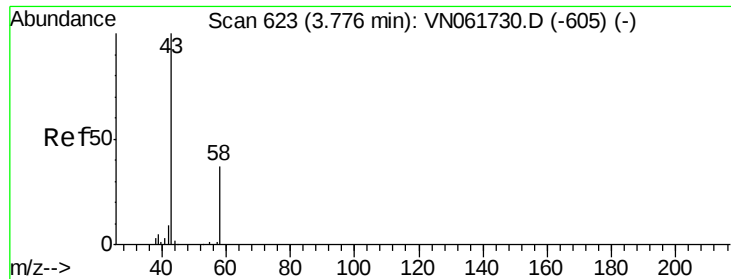
Ion Ratio Lower Upper

53 100

52 83.3 41.3 123.7

51 36.1 8.0 23.8#





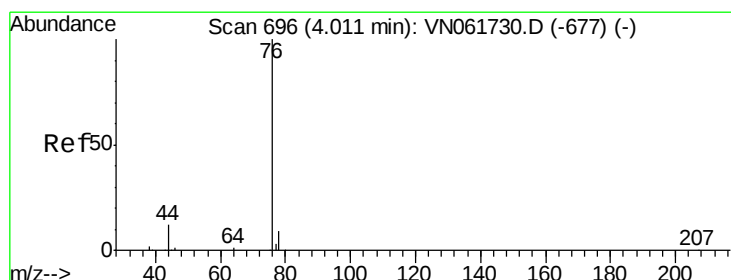
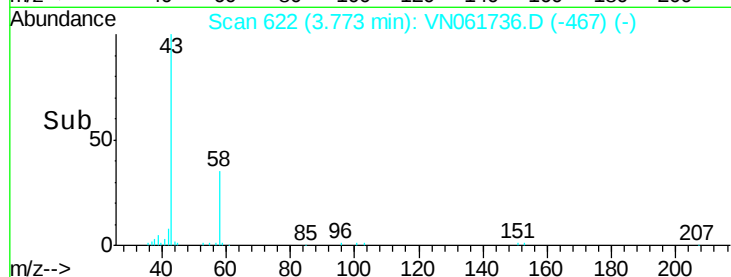
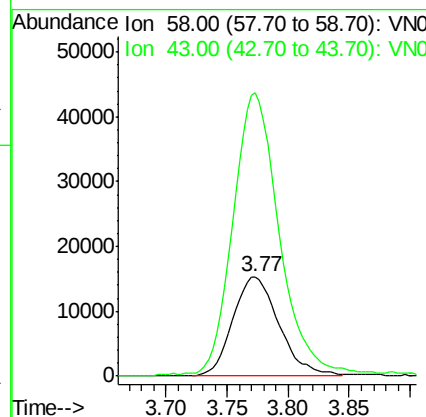
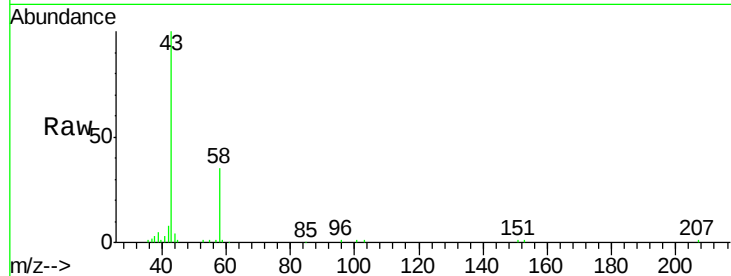
#15
Acetone
Concen: 106.956 ug/l
RT: 3.77 min Scan# 622
Delta R.T. -0.00 min
Lab File: VN061736.D
Acq: 10 Jun 2020 14:49

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

Tot Ion: 58 Resp: 40379
Ion Ratio Lower Upper
58 100
43 281.4 213.7 320.5

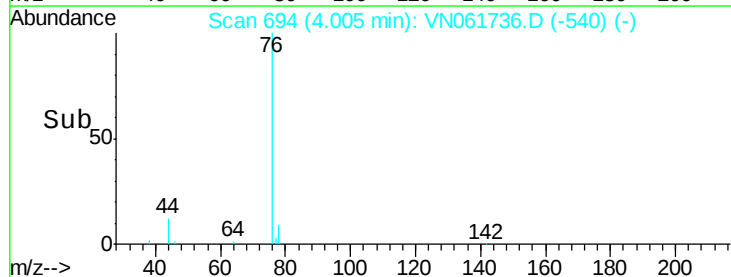
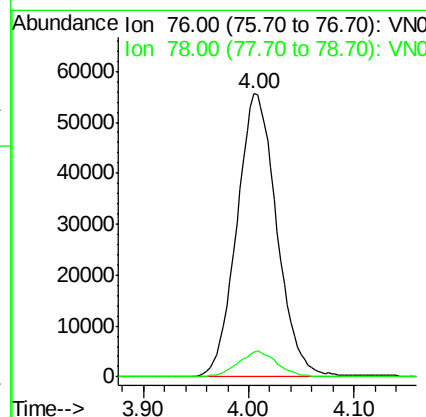
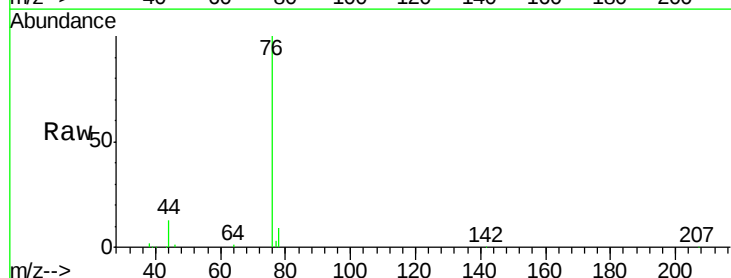
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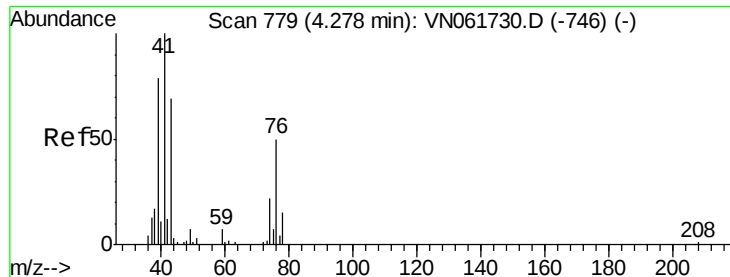
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#16
Carbon Disulfide
Concen: 23.005 ug/l
RT: 4.00 min Scan# 694
Delta R.T. -0.01 min
Lab File: VN061736.D
Acq: 10 Jun 2020 14:49

Tgt Ion: 76 Resp: 146474
Ion Ratio Lower Upper
76 100
78 8.6 7.6 11.4





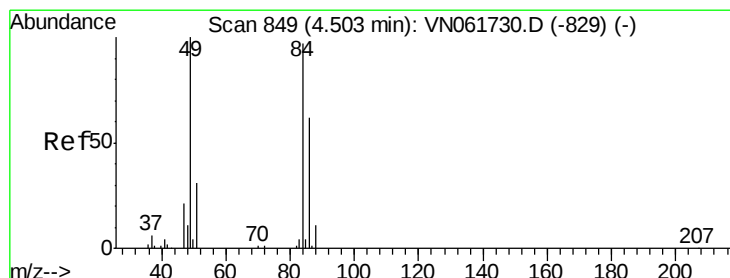
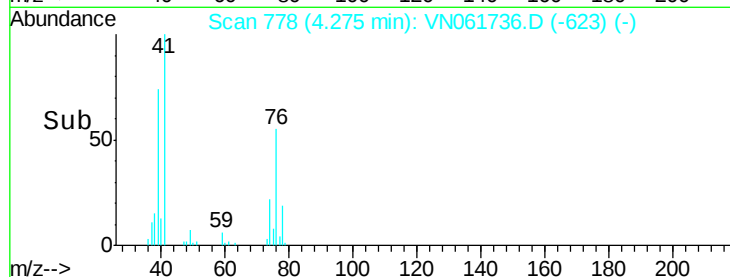
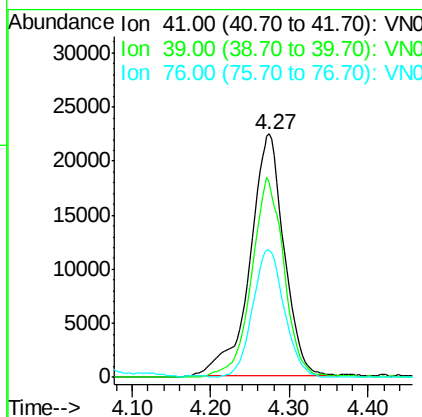
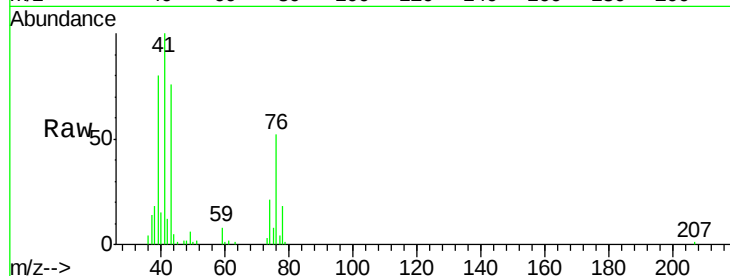
#17
Allvl chloride
Concen: 19.529 ug/l
RT: 4.27 min Scan# 778
Delta R.T. -0.00 min
Lab File: VN061736.D
Acq: 10 Jun 2020 14:49

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

Tot Ion:	41	Resp:	68387
Ion	Ratio	Lower	Upper
41	100		
39	80.7	39.5	118.5
76	52.8	24.9	74.7

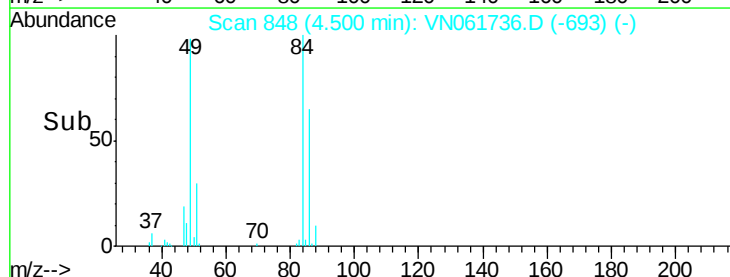
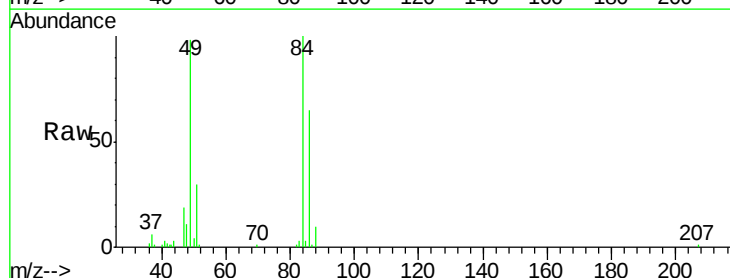
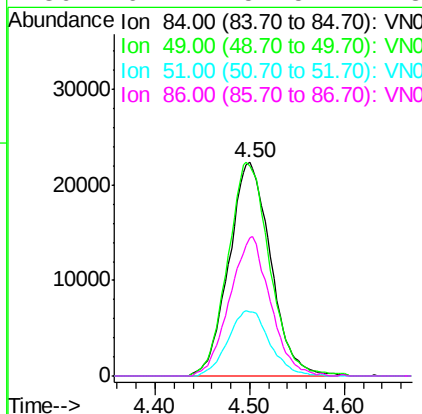
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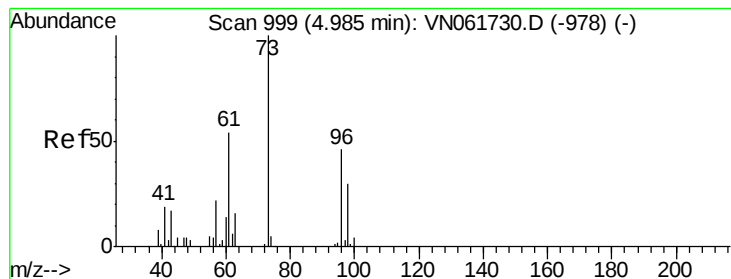
MMDadoda
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#18
Methylene Chloride
Concen: 19.447 ug/l
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN061736.D
Acq: 10 Jun 2020 14:49

Tgt Ion:	84	Resp:	68601
Ion	Ratio	Lower	Upper
84	100		
49	98.4	82.6	124.0
51	30.2	25.4	38.0
86	64.7	51.5	77.3





#19

trans-1,2-Dichloroethene

Concen: 19.493 ug/l

RT: 4.99 min Scan# 999

Delta R.T. 0.00 min

Lab File: VN061736.D

Acq: 10 Jun 2020 14:49

Instrument :

MSVOA_N

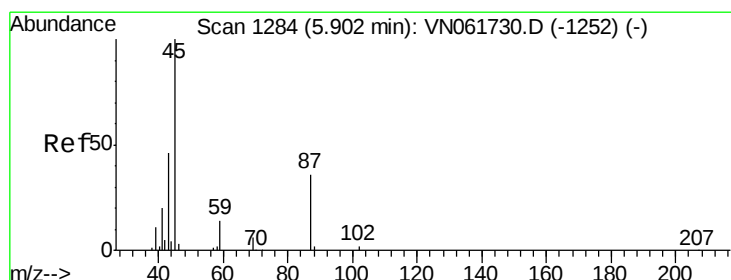
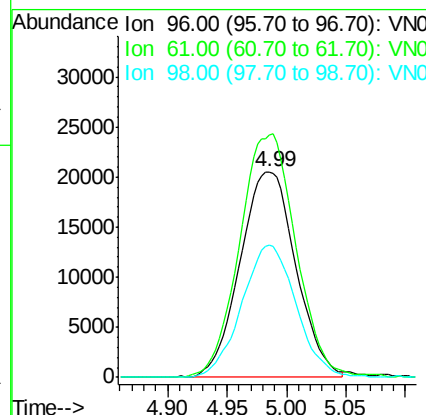
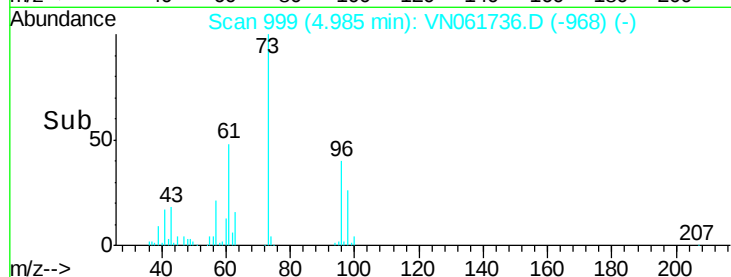
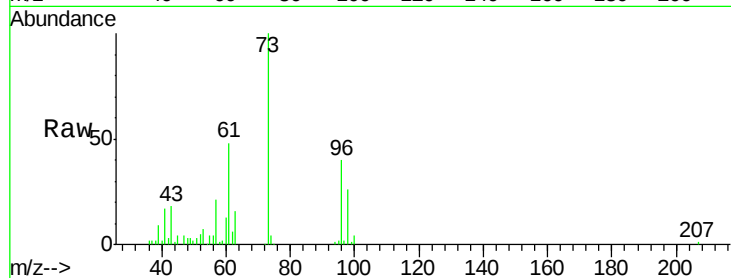
ClientSampleId :

VN0610WBS01

Tot Ion:	96	Resp:	66635
Ion	Ratio	Lower	Upper
96	100		
61	116.6	95.4	143.0
98	64.3	52.6	79.0

Manual Integrations
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#20

Diisopropyl ether

Concen: 19.550 ug/l

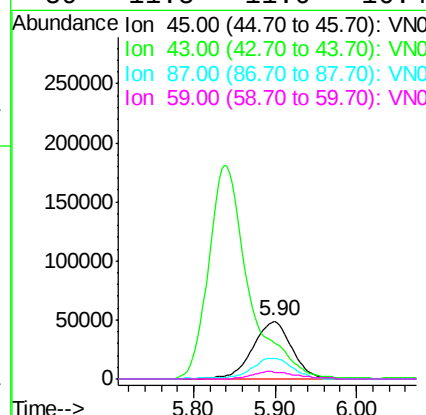
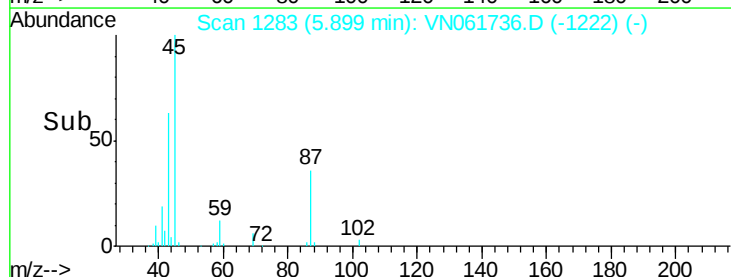
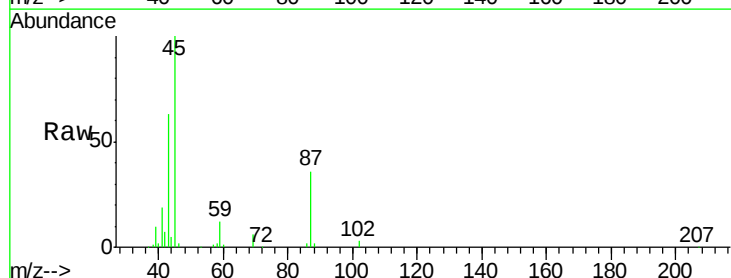
RT: 5.90 min Scan# 1283

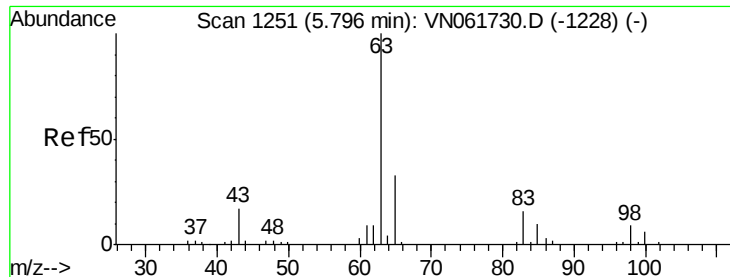
Delta R.T. -0.00 min

Lab File: VN061736.D

Acq: 10 Jun 2020 14:49

Tgt Ion:	45	Resp:	163554
Ion	Ratio	Lower	Upper
45	100		
43	60.5	50.7	76.1
87	35.8	30.1	45.1
59	11.5	11.0	16.4





#21

1,1-Dichloroethane

Concen: 19.276 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VN061736.D

Acq: 10 Jun 2020 14:49

Instrument :

MSVOA_N

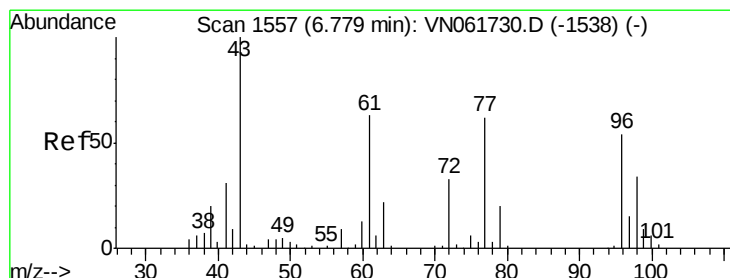
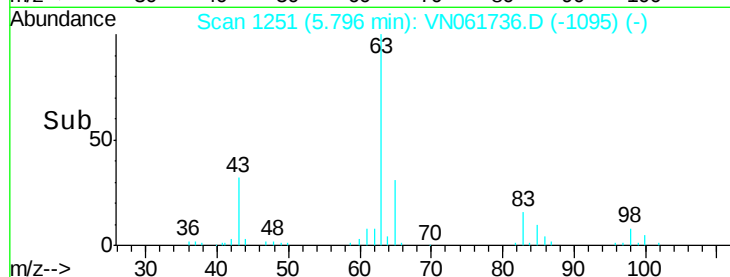
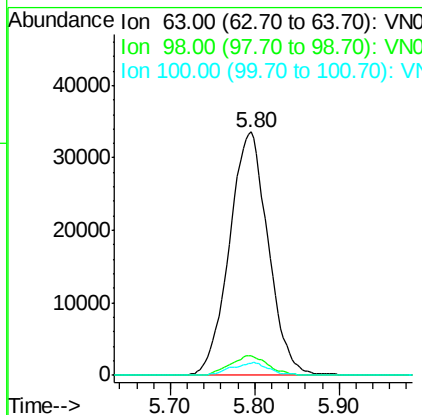
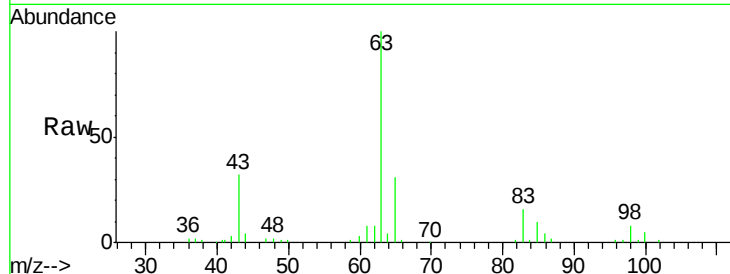
ClientSampleId :

VN0610WBS01

Tot Ion	63	Resp	107220
Ion	Ratio	Lower	Upper
63	100		
98	8.1	4.5	13.7
100	5.1	2.9	8.7

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#22

cis-1,2-Dichloroethene

Concen: 18.926 ug/l

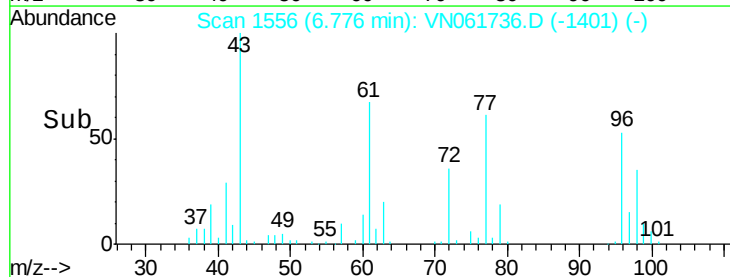
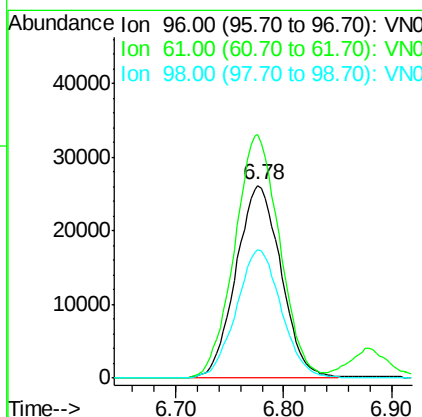
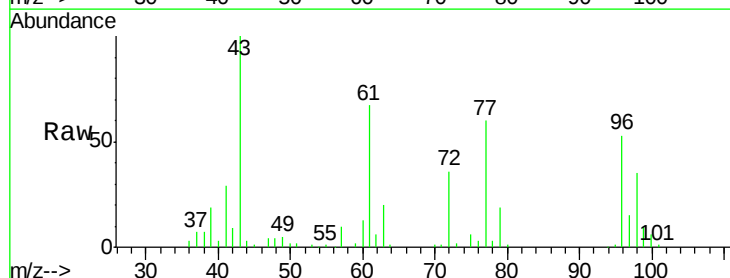
RT: 6.78 min Scan# 1556

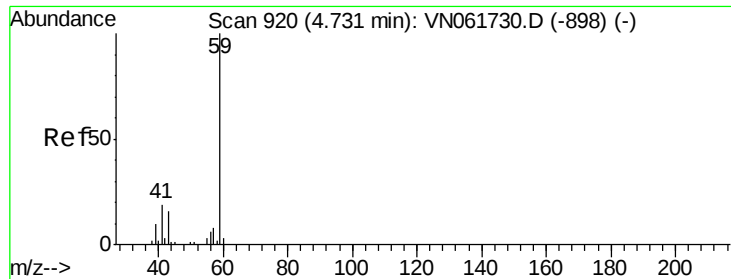
Delta R.T. -0.00 min

Lab File: VN061736.D

Acq: 10 Jun 2020 14:49

Tgt Ion	96	Resp	75883
Ion	Ratio	Lower	Upper
96	100		
61	126.6	100.6	151.0
98	66.6	52.6	79.0





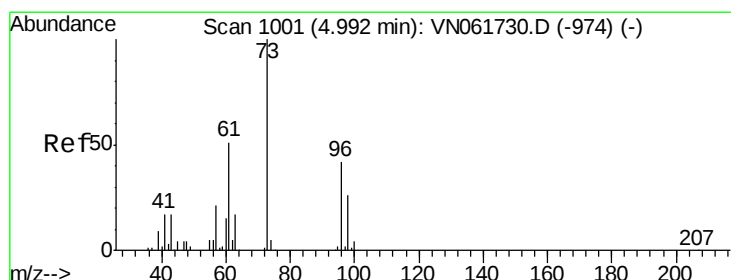
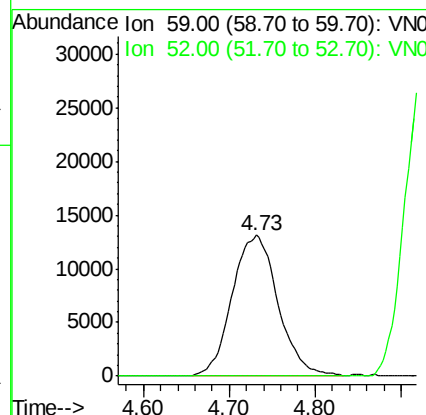
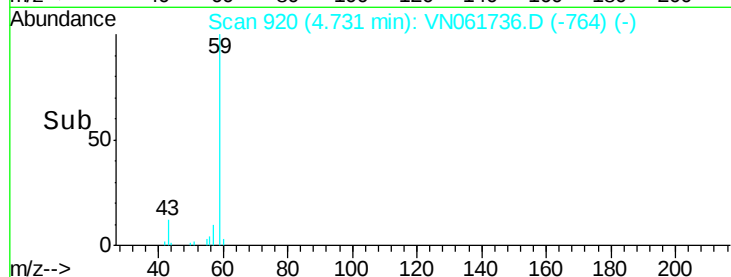
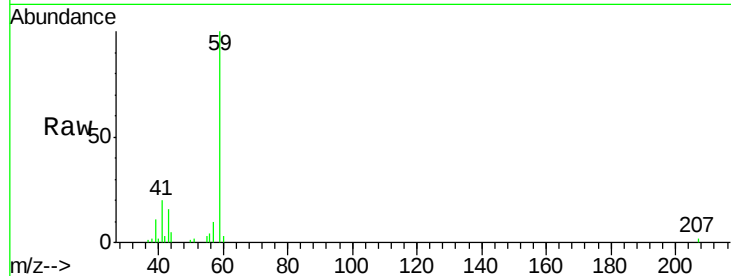
#23
 tert-Butyl Alcohol
 Concen: 99.657 ug/l
 RT: 4.73 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: VN061736.D
 Acq: 10 Jun 2020 14:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0610WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.0	0.0	0.0

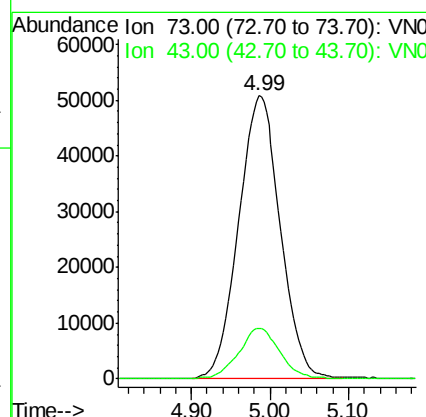
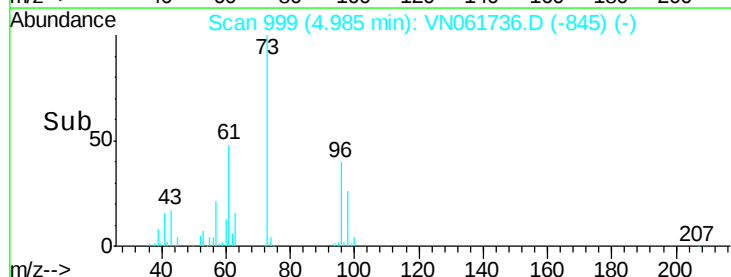
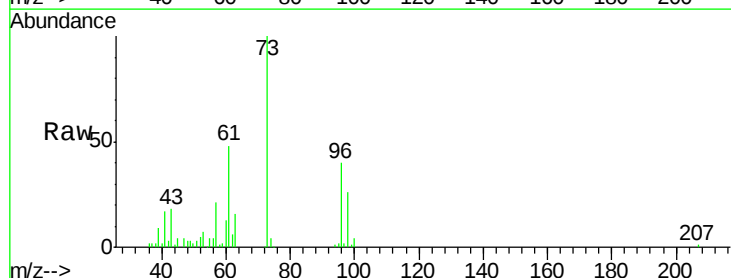
Manual Integrations
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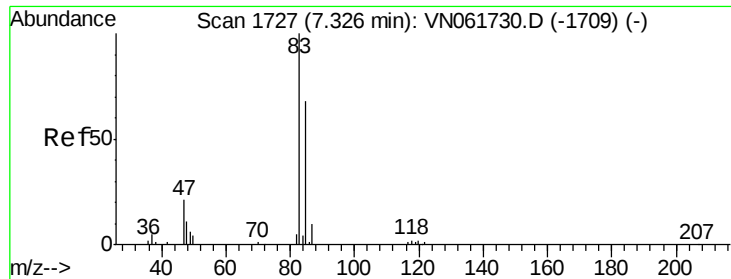
MMDadoda
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#24
 Methyl tert-Butyl Ether
 Concen: 19.247 ug/l
 RT: 4.99 min Scan# 999
 Delta R.T. -0.01 min
 Lab File: VN061736.D
 Acq: 10 Jun 2020 14:49

Tgt Ion	Ratio	Lower	Upper
73	100		
43	9.9	7.0	10.4





#25

Chloroform

Concen: 19.385 ug/l

RT: 7.33 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VN061736.D

Acq: 10 Jun 2020 14:49

Instrument :

MSVOA_N

ClientSampled :

VN0610WBS01

Tot Ion: 83 Resp: 122155

Ion Ratio Lower Upper

83 100

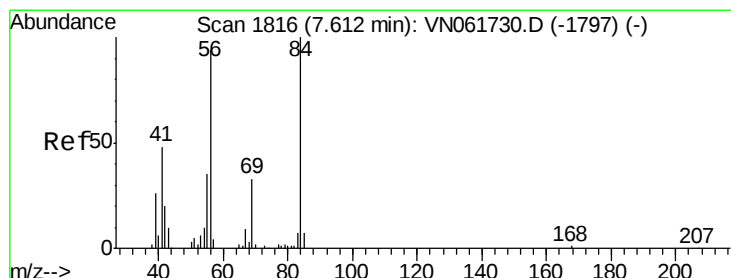
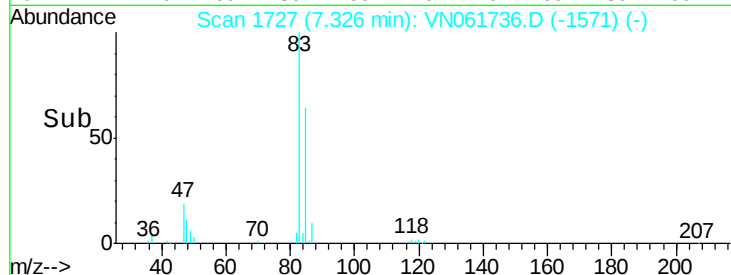
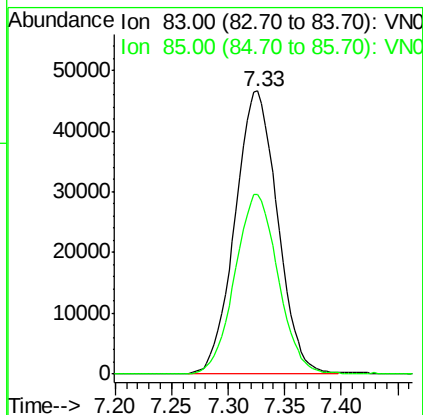
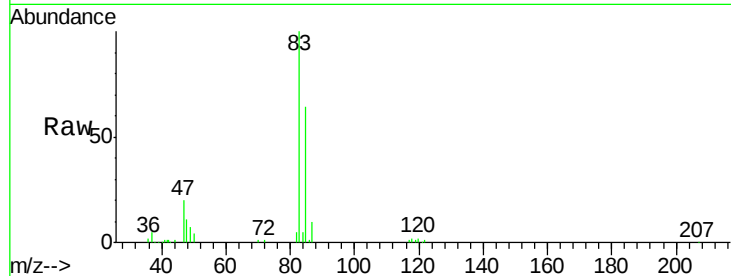
85 63.6 54.2 81.4

Manual Integrations

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#26

Cyclohexane

Concen: 20.326 ug/l

RT: 7.61 min Scan# 1815

Delta R.T. -0.00 min

Lab File: VN061736.D

Acq: 10 Jun 2020 14:49

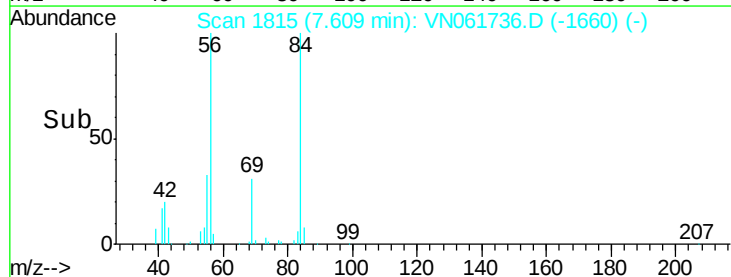
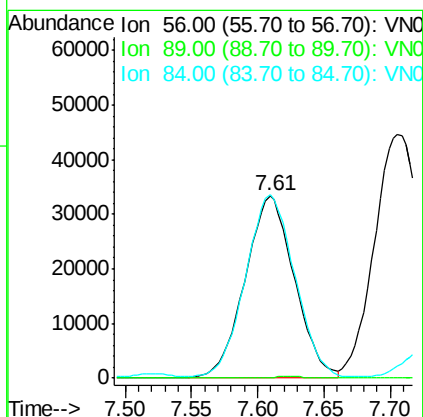
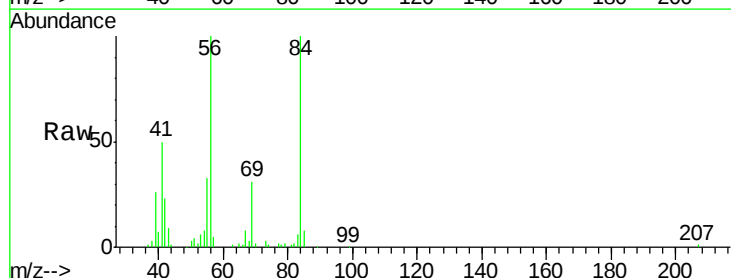
Tgt Ion: 56 Resp: 86335

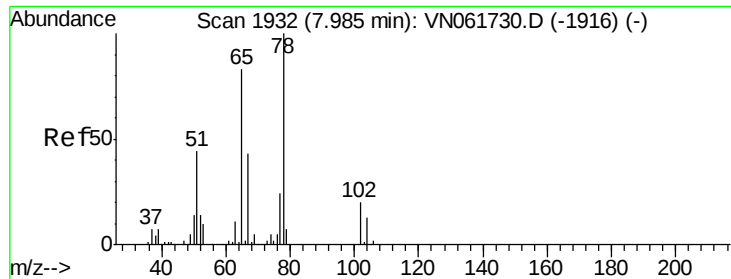
Ion Ratio Lower Upper

56 100

89 0.4 0.0 0.0#

84 101.6 83.5 125.3





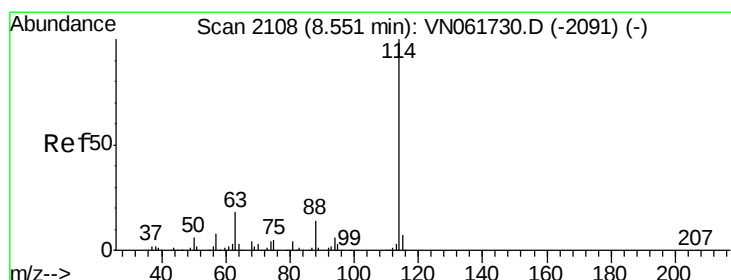
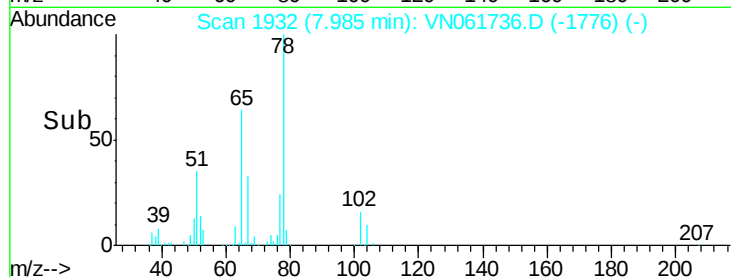
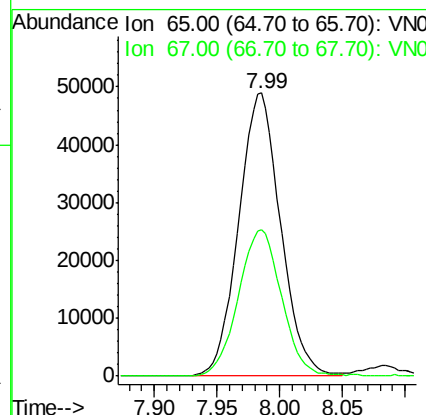
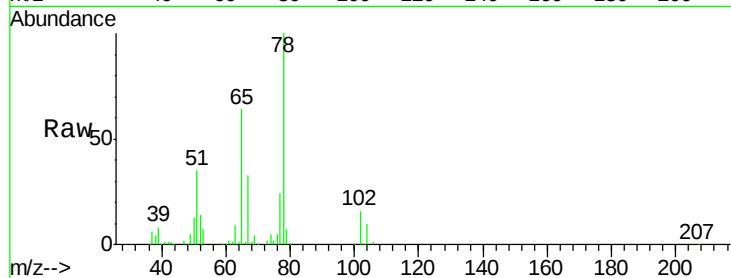
#27
 1,2-Dichloroethane-d4
 Concen: 29.847 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. 0.00 min
 Lab File: VN061736.D
 Acq: 10 Jun 2020 14:49

Instrument :
 MSVOA_N
 ClientSampled :
 VN0610WBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.0	42.2	63.4

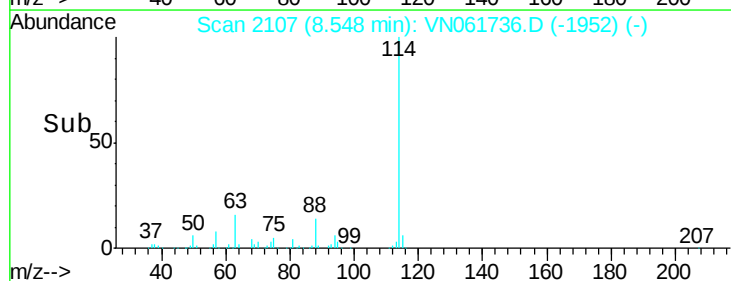
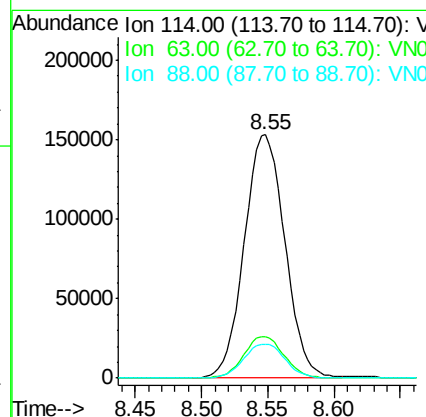
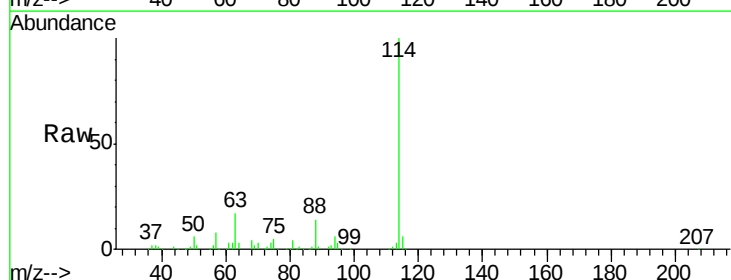
Manual Integrations
 APPROVED

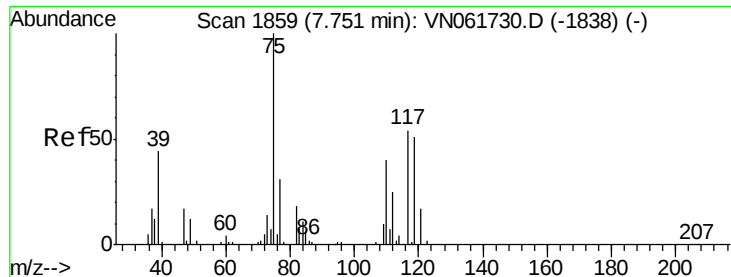
MMDadoda
 6/11/2020 12:44:39 PM



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN061736.D
 Acq: 10 Jun 2020 14:49

Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.1	14.2	21.2
88	14.4	11.4	17.2





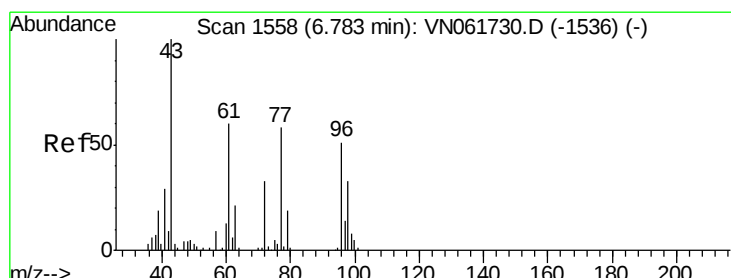
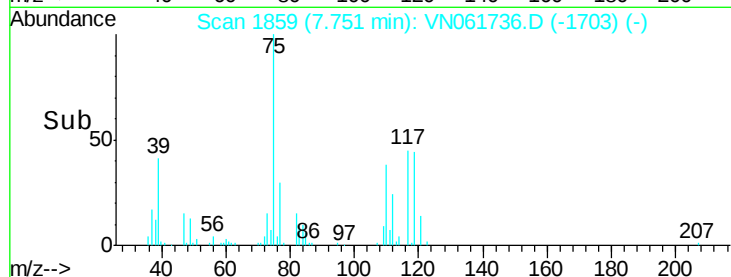
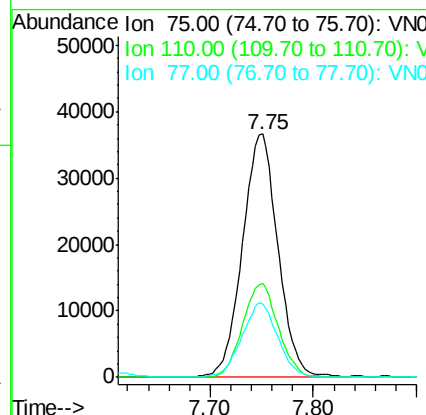
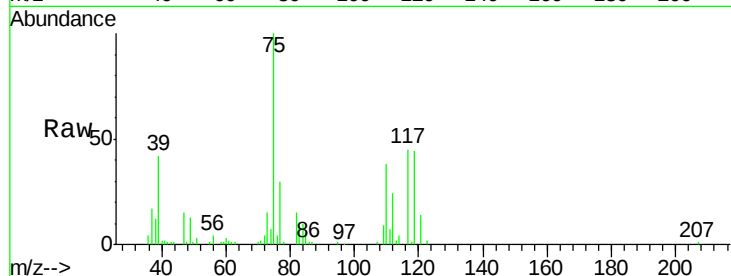
#29
 1,1-Dichloropropene
 Concen: 19.972 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: VN061736.D
 Acq: 10 Jun 2020 14:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0610WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
110	38.7	0.0	78.6
77	30.9	0.0	62.4

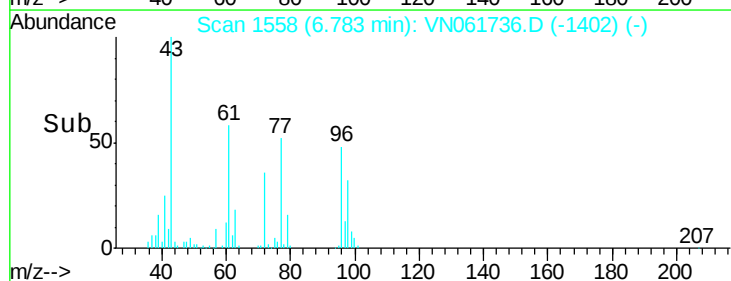
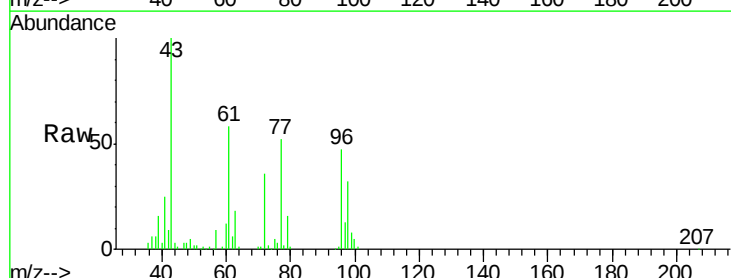
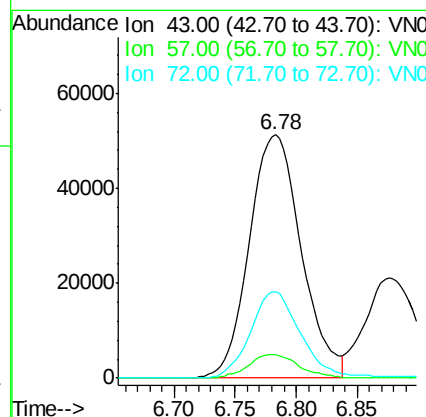
Manual Integrations
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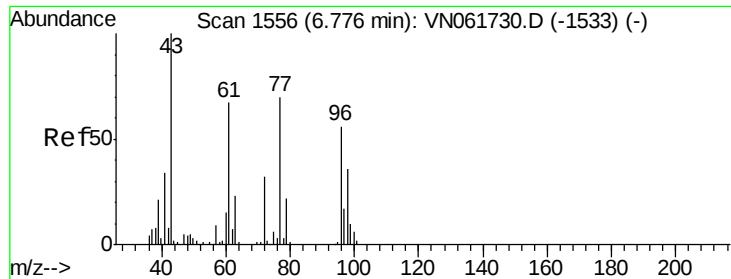
MMDadoda
 6/11/2020 12:44:39 PM



#30
 2-Butanone
 Concen: 99.915 ug/l
 RT: 6.78 min Scan# 1558
 Delta R.T. 0.00 min
 Lab File: VN061736.D
 Acq: 10 Jun 2020 14:49

Tgt Ion	Ratio	Lower	Upper
43	100		
57	9.4	7.6	11.4
72	33.7	27.8	41.6





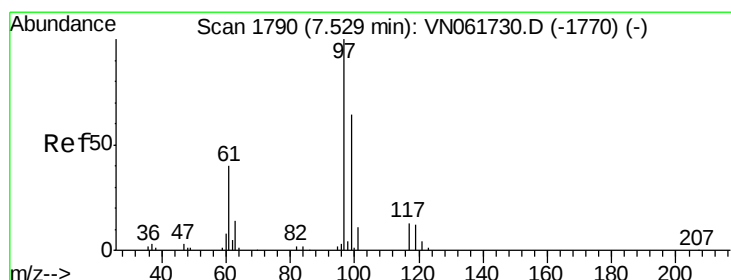
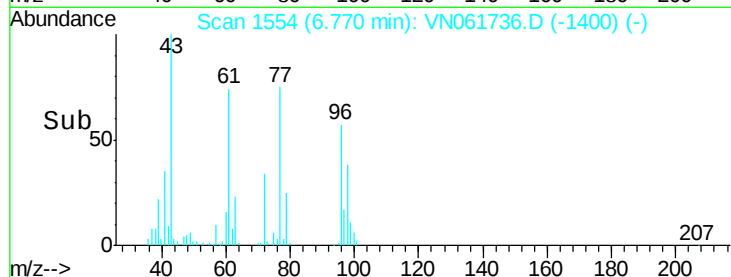
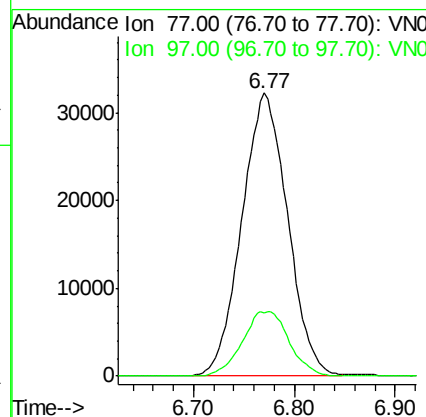
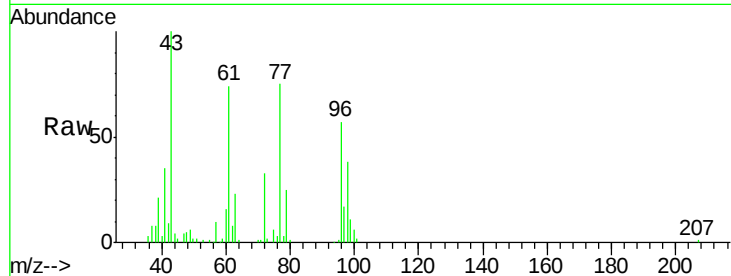
#31
 2,2-Dichloropropane
 Concen: 19.759 ug/l
 RT: 6.77 min Scan# 1554
 Delta R.T. -0.01 min
 Lab File: VN061736.D
 Acq: 10 Jun 2020 14:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0610WBS01

Tot Ion	Ratio	Lower	Upper
77	100		
97	11.5	19.6	29.4#

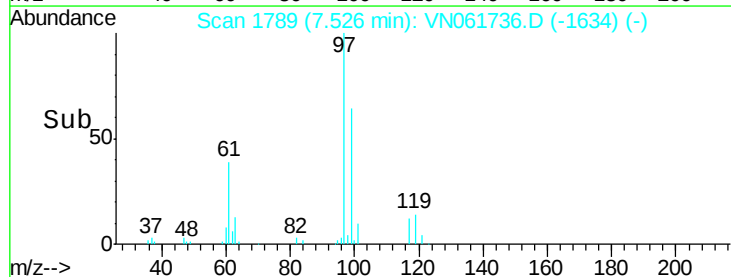
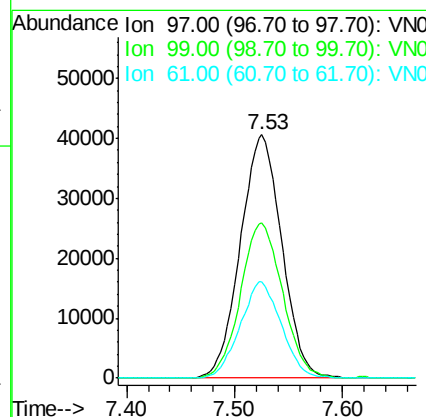
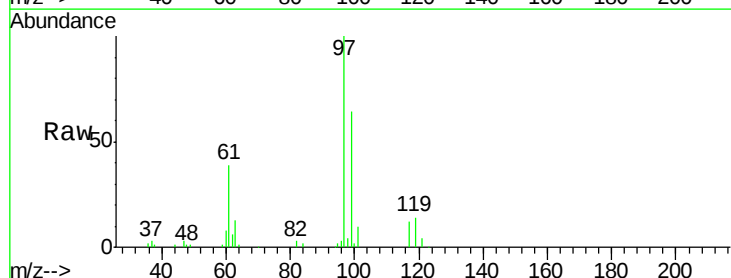
Manual Integrations
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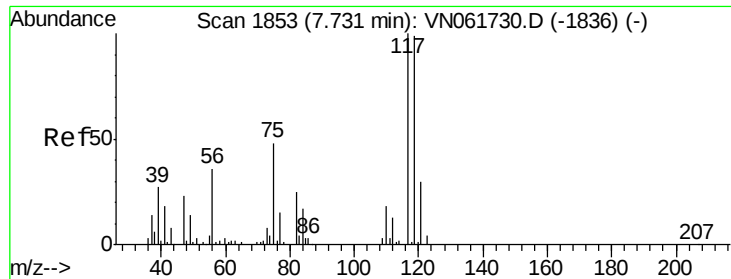
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 6/11/2020 12:44:39 PM



#32
 1,1,1-Trichloroethane
 Concen: 19.351 ug/l
 RT: 7.53 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VN061736.D
 Acq: 10 Jun 2020 14:49

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.9	77.9
61	39.3	32.3	48.5





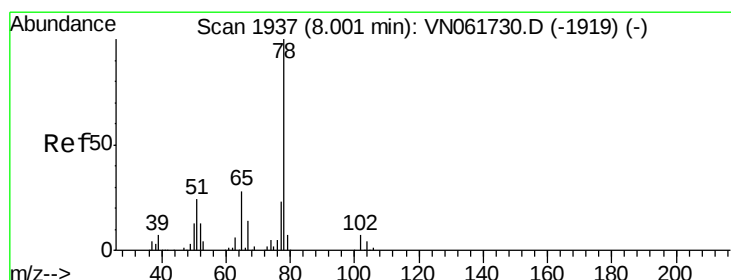
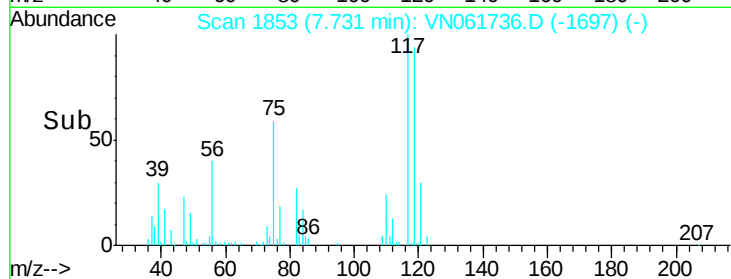
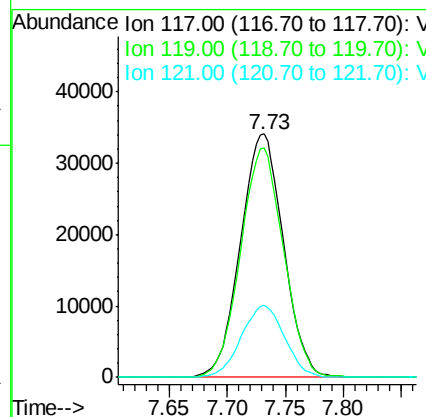
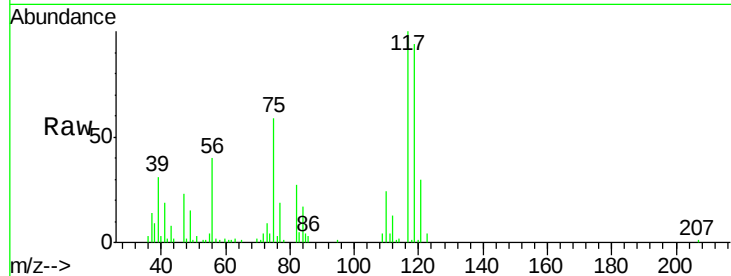
#33
Carbon Tetrachloride
Concen: 19.234 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. 0.00 min
Lab File: VN061736.D
Acq: 10 Jun 2020 14:49

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
119	94.3	79.3	118.9
121	29.6	24.2	36.4

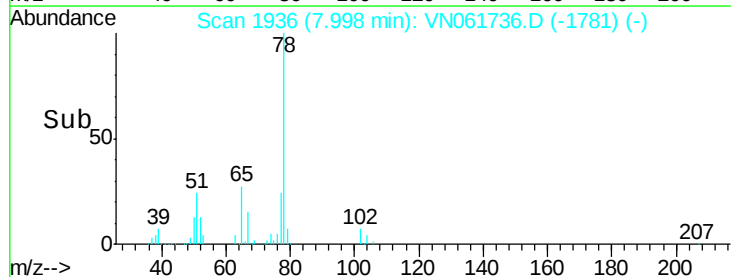
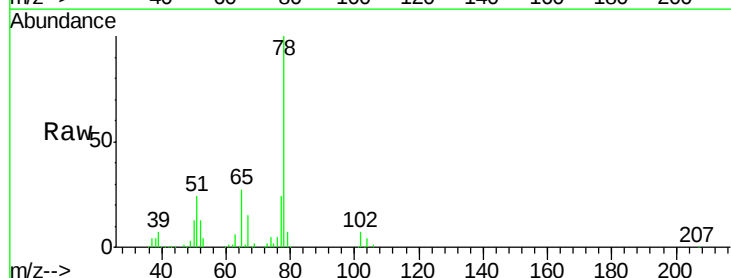
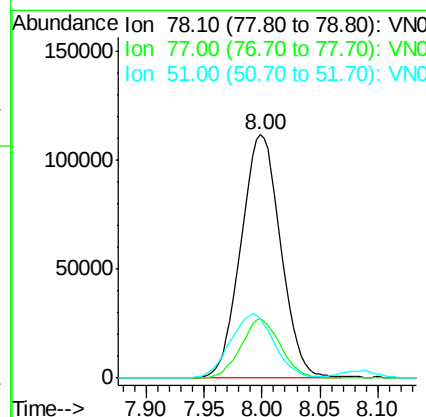
Manual Integrations
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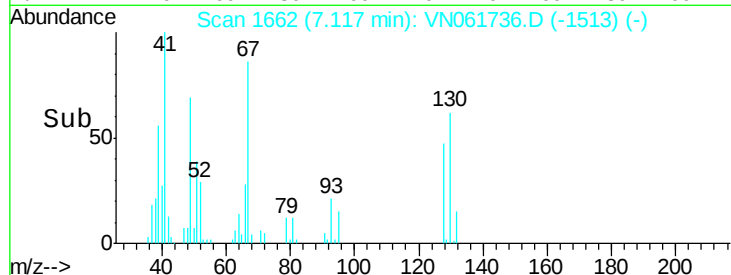
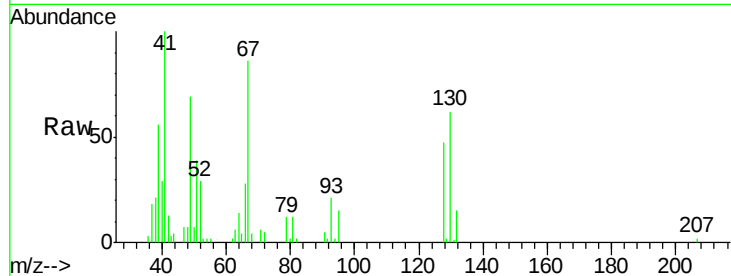
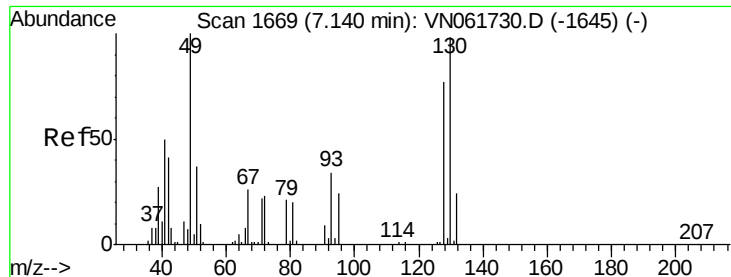
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#34
Benzene
Concen: 19.485 ug/l
RT: 8.00 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VN061736.D
Acq: 10 Jun 2020 14:49

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.3	18.4	27.6
51	23.8	19.1	28.7





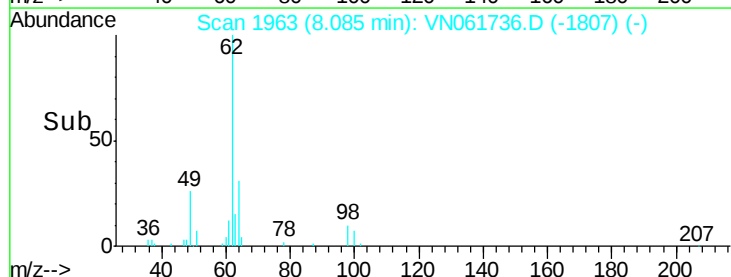
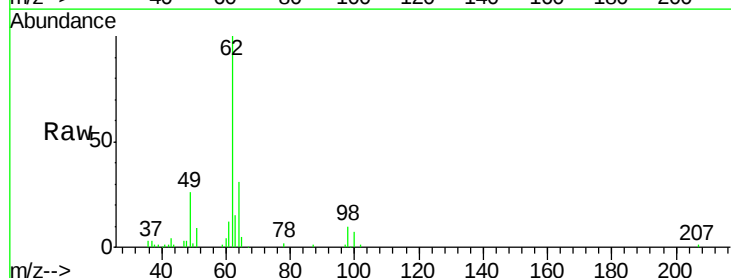
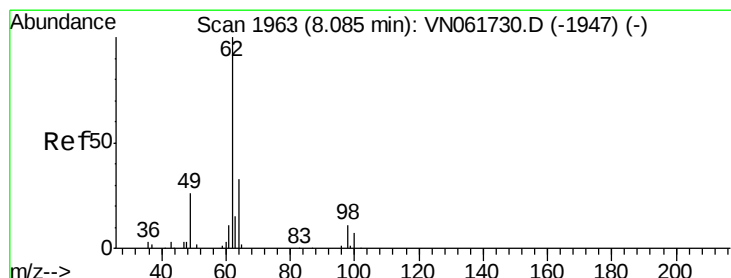
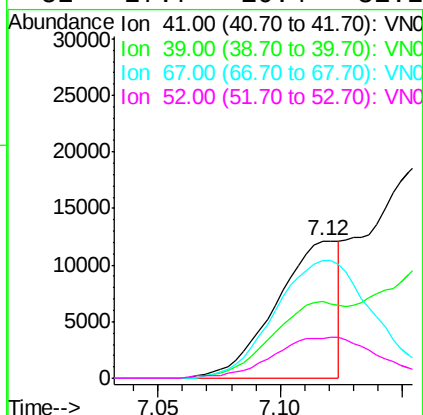
#35
Methacrylonitrile
Concen: 15.283 ug/l
RT: 7.12 min Scan# 1662
Delta R.T. -0.02 min
Lab File: VN061736.D
Acq: 10 Jun 2020 14:49

Tot Ion	Ratio	Resp	Lower	Upper
41	100			
39	55.7	26.5	79.5	
67	85.7	25.4	76.2	
52	27.7	10.4	31.2	

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

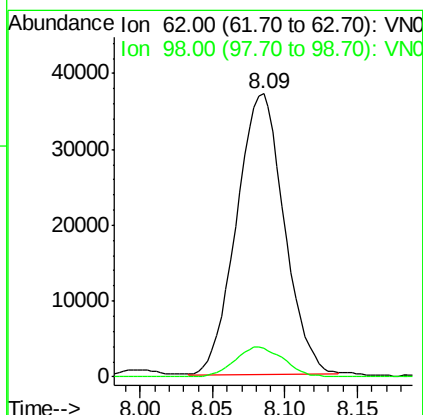
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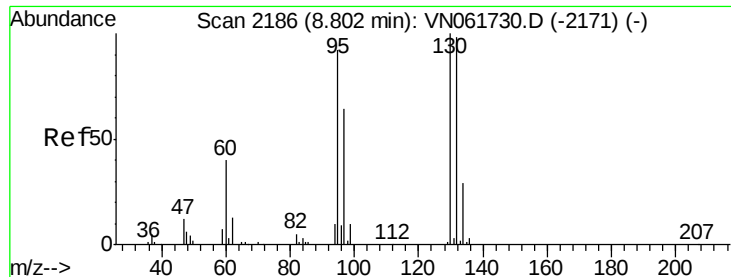
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#36
1,2-Dichloroethane
Concen: 19.164 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VN061736.D
Acq: 10 Jun 2020 14:49

Tgt Ion	Ratio	Resp	Lower	Upper
62	100			
98	10.8	9.4	14.2	





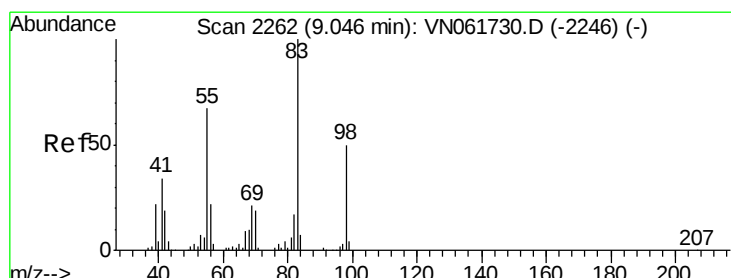
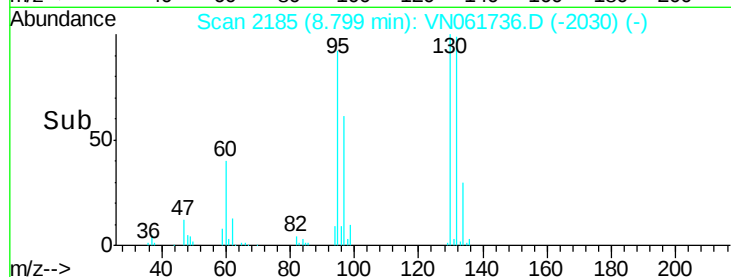
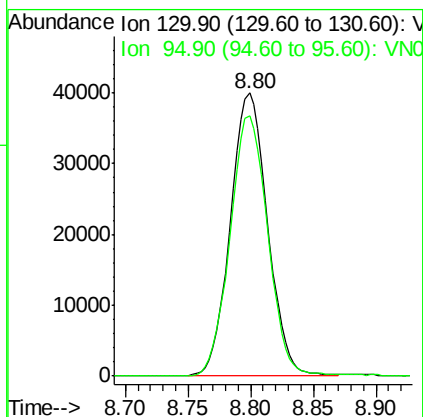
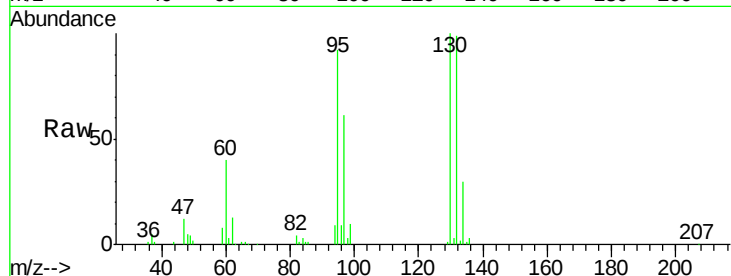
#37
 Trichloroethene
 Concen: 19.338 ug/l
 RT: 8.80 min Scan# 2185
 Delta R.T. -0.00 min
 Lab File: VN061736.D
 Acq: 10 Jun 2020 14:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0610WBS01

Tot Ion	Ratio	Lower	Upper
130	100		
95	92.1	73.9	110.9

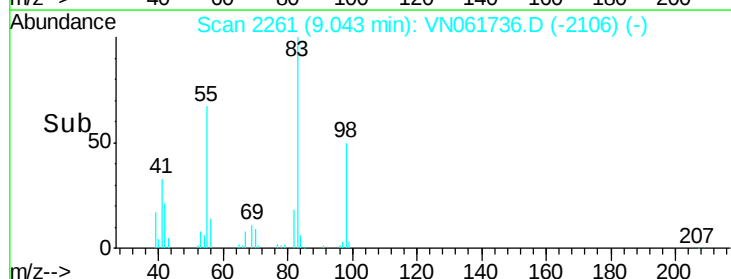
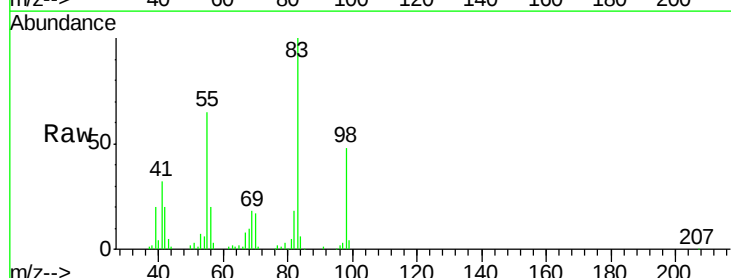
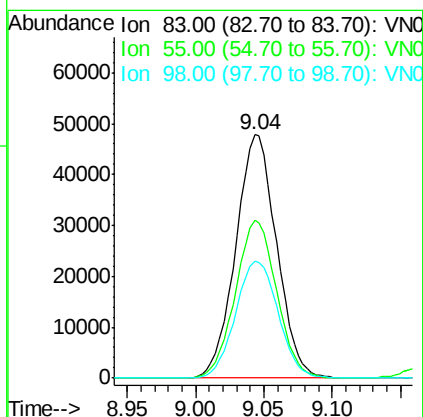
Manual Integrations
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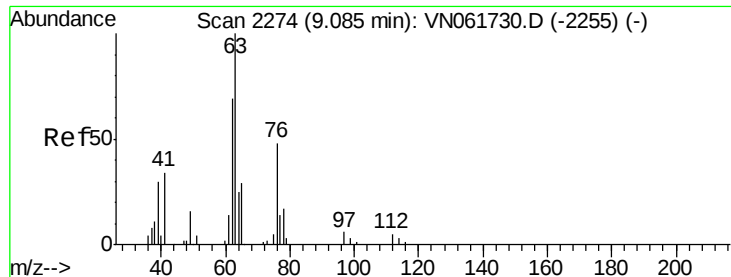
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#38
 Methylcyclohexane
 Concen: 20.308 ug/l
 RT: 9.04 min Scan# 2261
 Delta R.T. -0.00 min
 Lab File: VN061736.D
 Acq: 10 Jun 2020 14:49

Tgt Ion	Ratio	Lower	Upper
83	100		
55	65.4	32.7	98.1
98	50.0	25.4	76.4





#39

1,2-Dichloropropane

Concen: 19.289 ug/l

RT: 9.08 min Scan# 2273

Delta R.T. -0.00 min

Lab File: VN061736.D

Acq: 10 Jun 2020 14:49

Instrument :

MSVOA_N

ClientSampleId :

VN0610WBS01

Tot Ion: 63 Resp: 63169

Ion Ratio Lower Upper

63 100

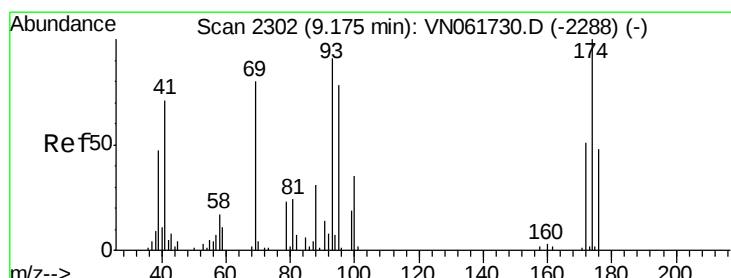
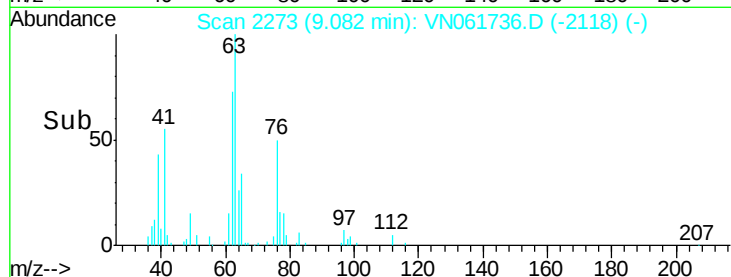
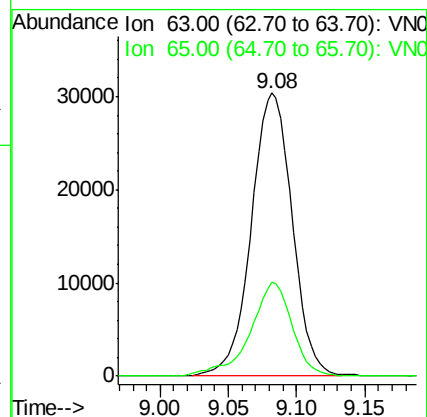
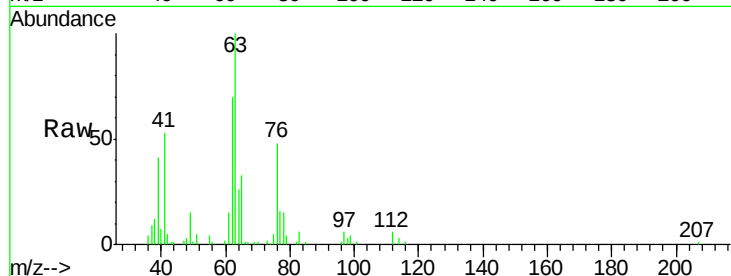
65 33.0 24.3 36.5

Manual Integrations

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#40

Dibromomethane

Concen: 19.096 ug/l

RT: 9.18 min Scan# 2302

Delta R.T. 0.00 min

Lab File: VN061736.D

Acq: 10 Jun 2020 14:49

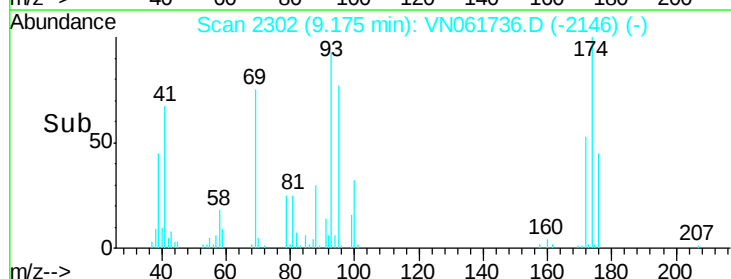
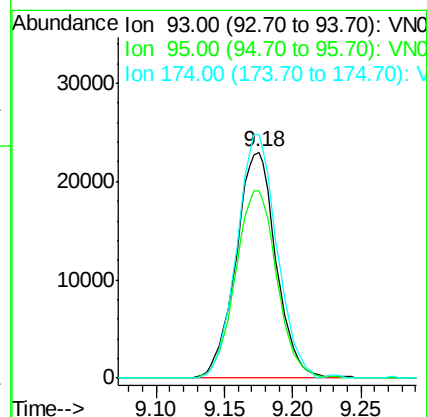
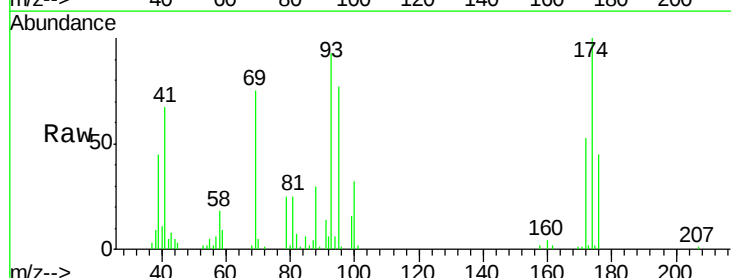
Tgt Ion: 93 Resp: 46903

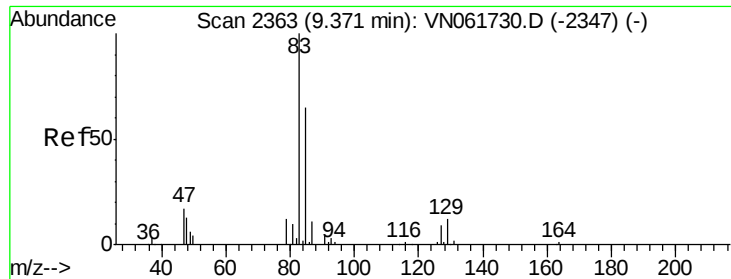
Ion Ratio Lower Upper

93 100

95 85.1 0.0 165.8

174 107.2 0.0 217.8





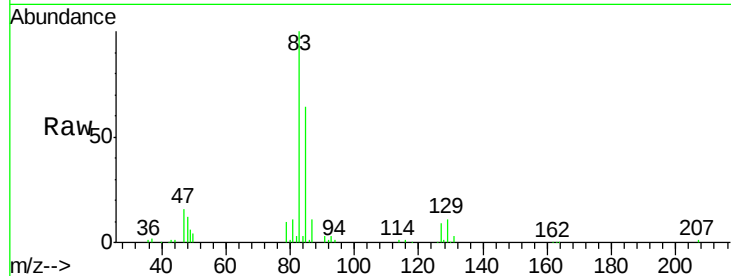
#41
Bromodichloromethane
Concen: 19.006 ug/l
RT: 9.37 min Scan# 2362
Delta R.T. -0.00 min
Lab File: VN061736.D
Acq: 10 Jun 2020 14:49

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

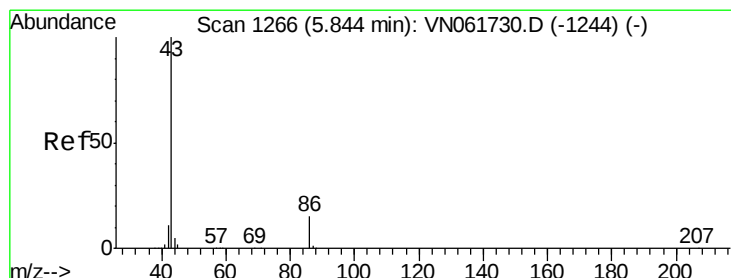
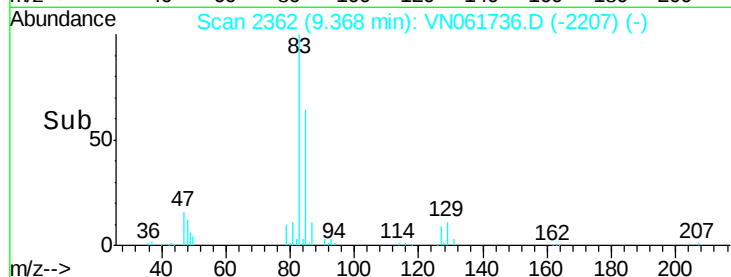
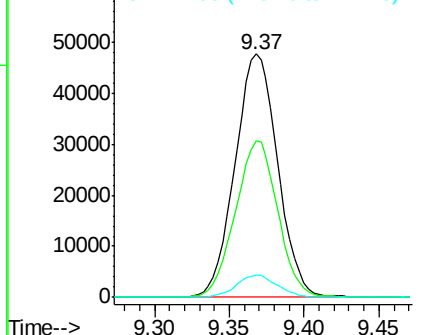
Tot Ion	83	Resp	94703
Ion Ratio	100	Lower	Upper
83	100		
85	63.9	52.2	78.4
127	10.2	7.2	10.8

Manual Integrations
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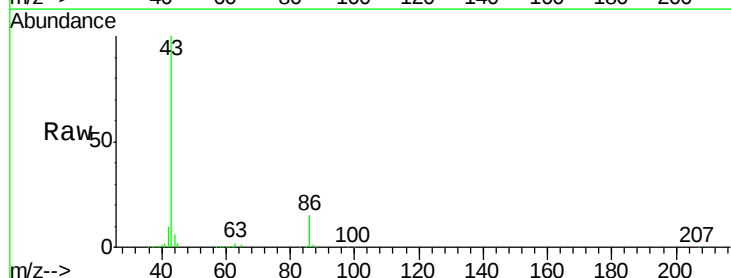


Abundance Ion 83.00 (82.70 to 83.70): VN061736.D (-2207) (-)
Ion 85.00 (84.70 to 85.70): VN061736.D (-2207) (-)
Ion 127.00 (126.70 to 127.70): VN061736.D (-2207) (-)

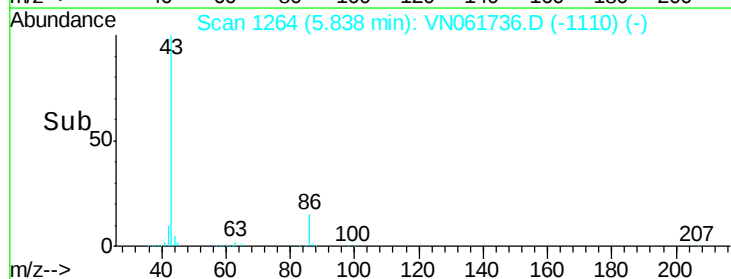
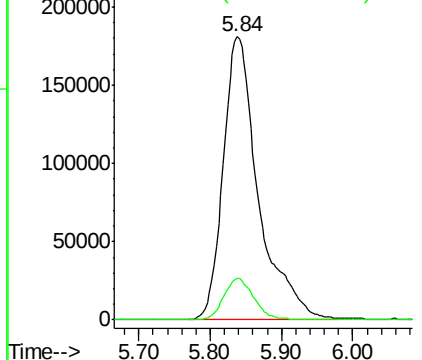


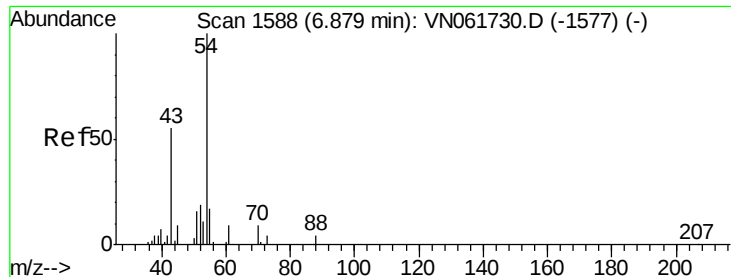
#42
Vinyl Acetate
Concen: 99.383 ug/l
RT: 5.84 min Scan# 1264
Delta R.T. -0.01 min
Lab File: VN061736.D
Acq: 10 Jun 2020 14:49

Tgt Ion	43	Resp	622865
Ion Ratio	100	Lower	Upper
43	100		
86	12.5	10.0	15.0



Abundance Ion 43.00 (42.70 to 43.70): VN061736.D (-1110) (-)
Ion 86.00 (85.70 to 86.70): VN061736.D (-1110) (-)





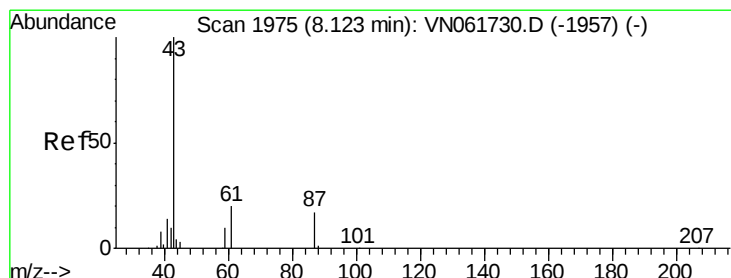
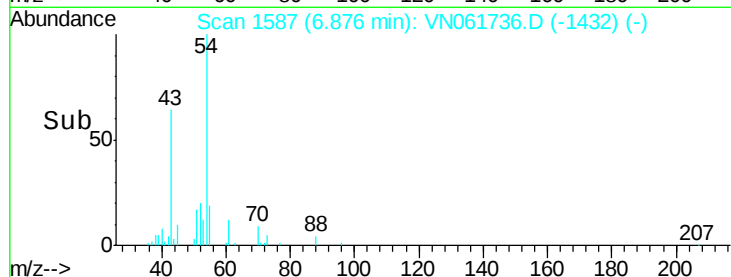
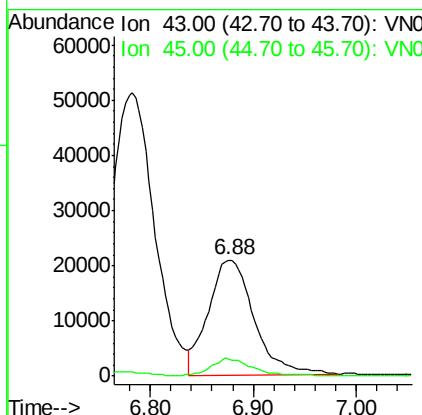
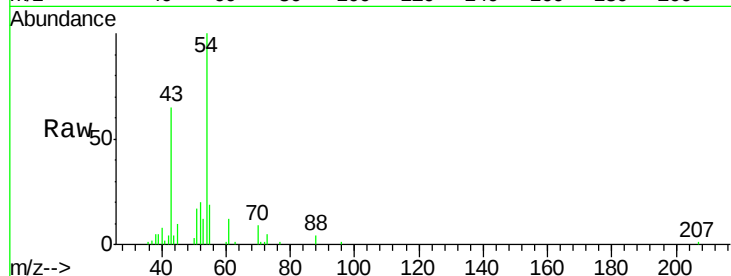
#43
Ethyl Acetate
Concen: 21.045 ug/l
RT: 6.88 min Scan# 1587
Delta R.T. -0.00 min
Lab File: VN061736.D
Acq: 10 Jun 2020 14:49

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

Tot Ion: 43 Resp: 64928
Ion Ratio Lower Upper
43 100
45 13.6 11.4 17.2

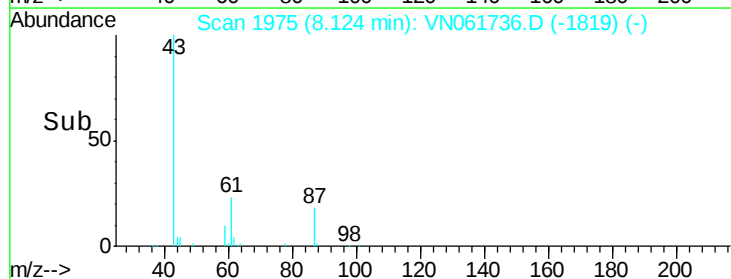
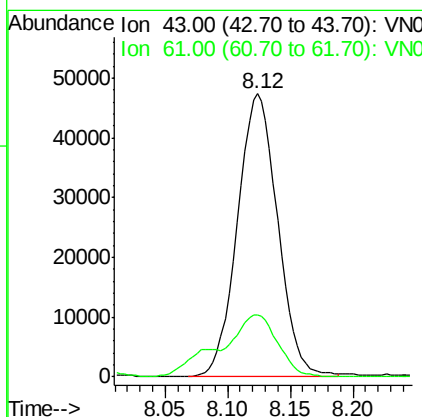
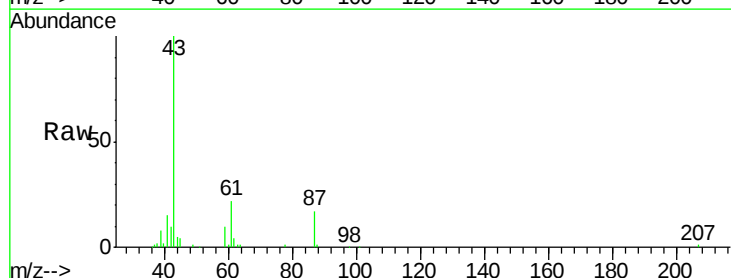
Manual Integrations
APPROVED

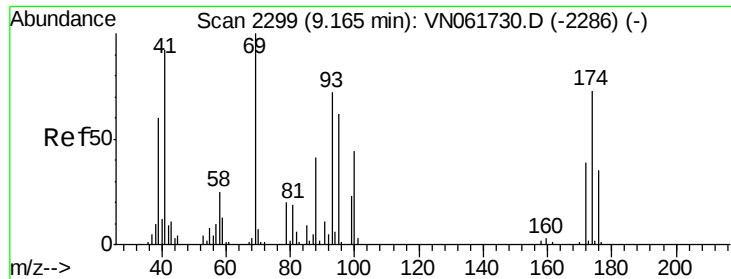
MMDadoda
6/11/2020 12:44:39 PM



#44
Isopropyl Acetate
Concen: 18.965 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN061736.D
Acq: 10 Jun 2020 14:49

Tgt Ion: 43 Resp: 105866
Ion Ratio Lower Upper
43 100
61 22.9 18.9 28.3





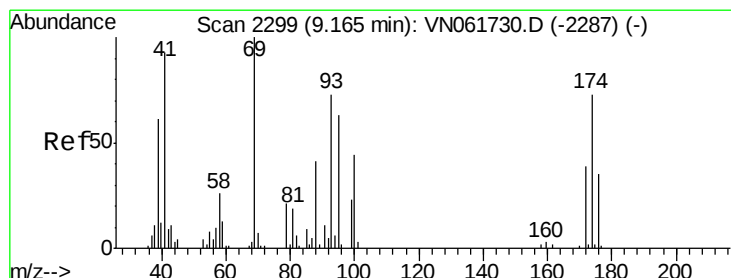
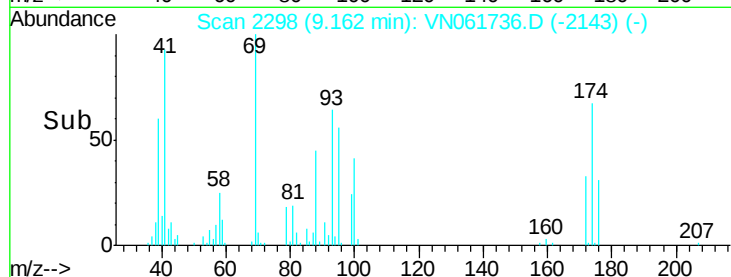
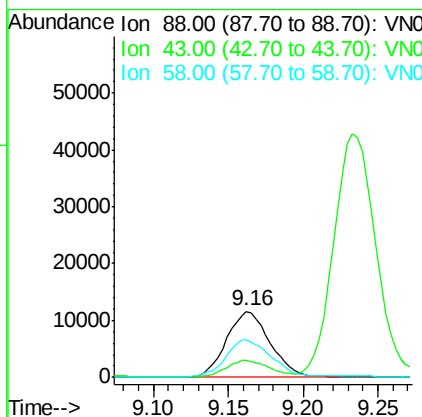
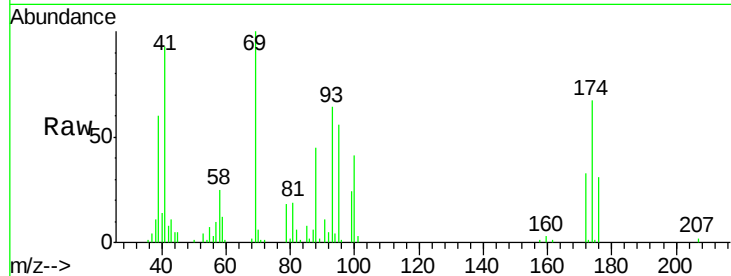
#45
1,4-Dioxane
Concen: 413.739 ug/l
RT: 9.16 min Scan# 2298
Delta R.T. -0.00 min
Lab File: VN061736.D
Acq: 10 Jun 2020 14:49

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	25.8	21.8	32.8
58	59.4	48.4	72.6

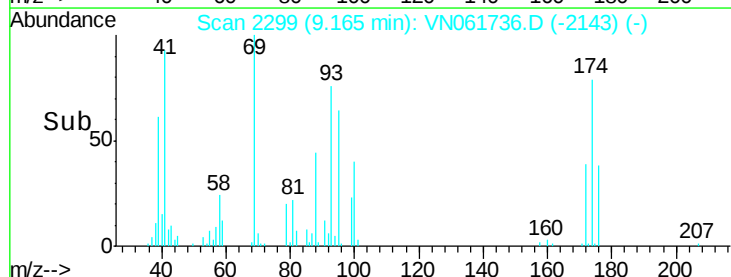
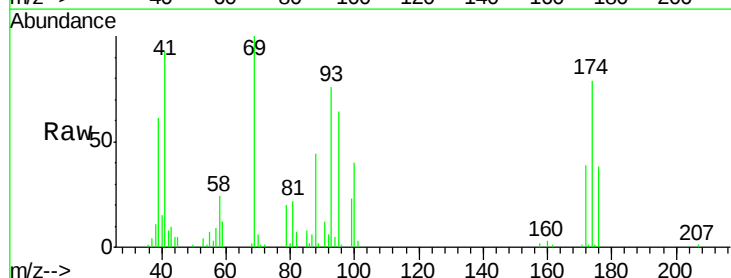
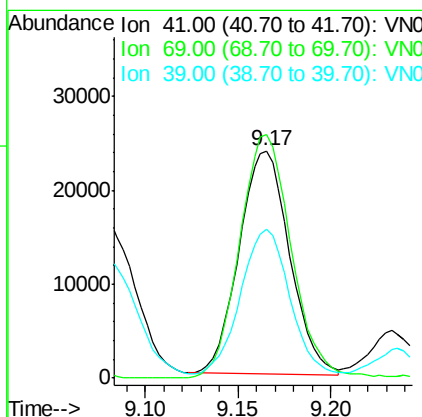
Manual Integrations
APPROVED

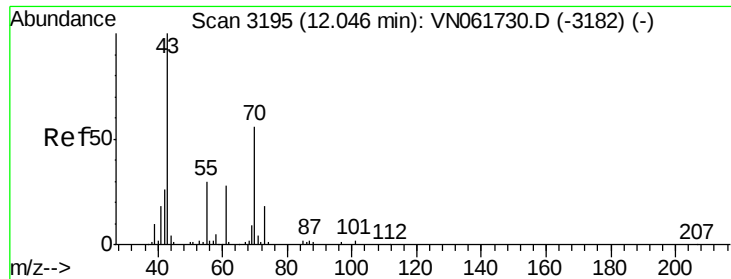
MMDadoda
6/11/2020 12:44:39 PM



#46
Methyl methacrylate
Concen: 18.709 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. 0.00 min
Lab File: VN061736.D
Acq: 10 Jun 2020 14:49

Tgt Ion	Ratio	Lower	Upper
41	100		
69	109.6	53.8	161.4
39	65.1	33.0	98.9





#47

n-amvl Acetate

Concen: 17.427 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VN061736.D

Acq: 10 Jun 2020 14:49

Instrument :

MSVOA_N

ClientSampleId :

VN0610WBS01

Tot Ion: 43 Resp: 82431

Ion Ratio Lower Upper

43 100

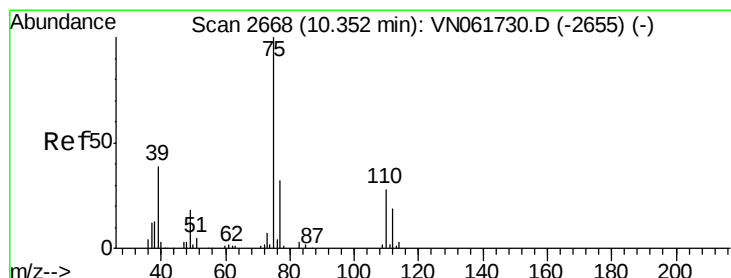
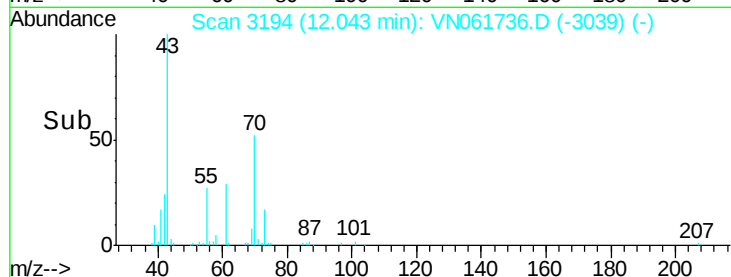
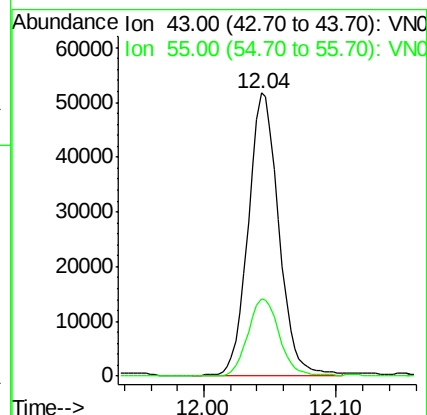
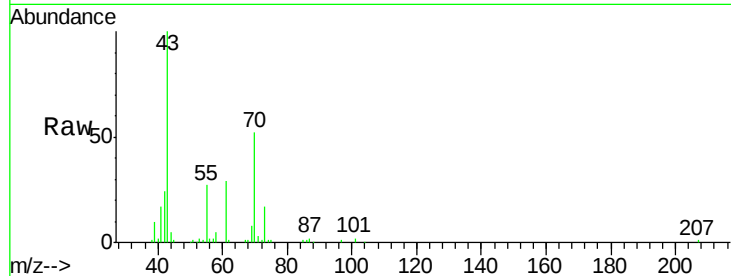
55 28.3 22.7 34.1

Manual Integrations

APPROVED

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6/11/2020 12:44:39 PM



#48

t-1,3-Dichloropropene

Concen: 18.623 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. 0.00 min

Lab File: VN061736.D

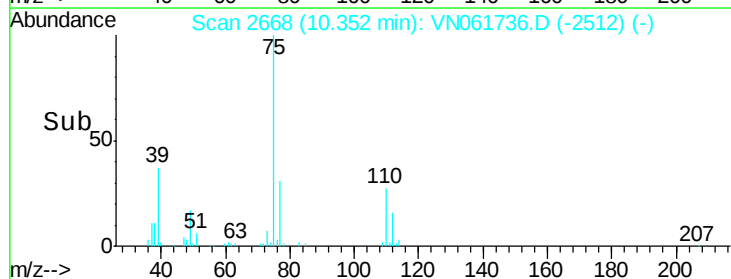
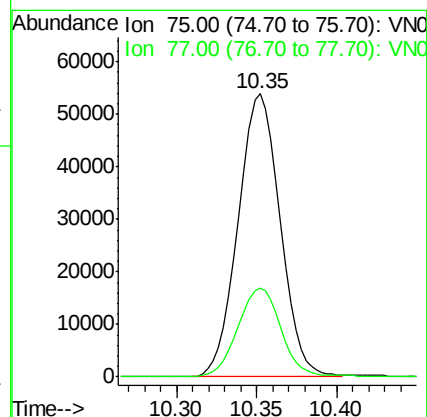
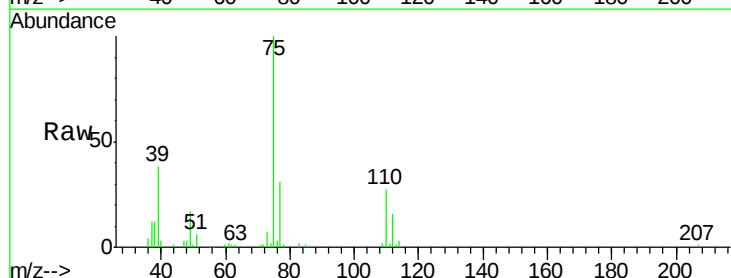
Acq: 10 Jun 2020 14:49

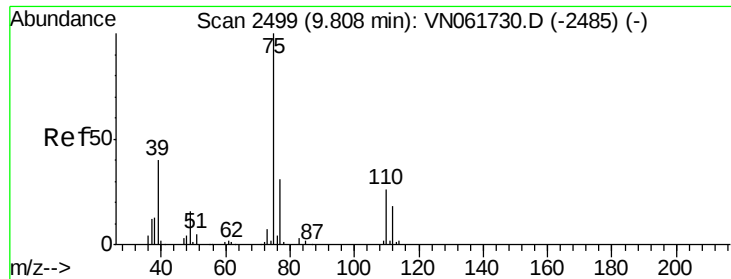
Tgt Ion: 75 Resp: 96773

Ion Ratio Lower Upper

75 100

77 31.4 25.4 38.2





#49

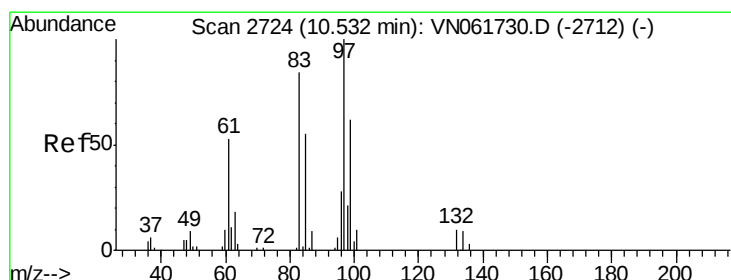
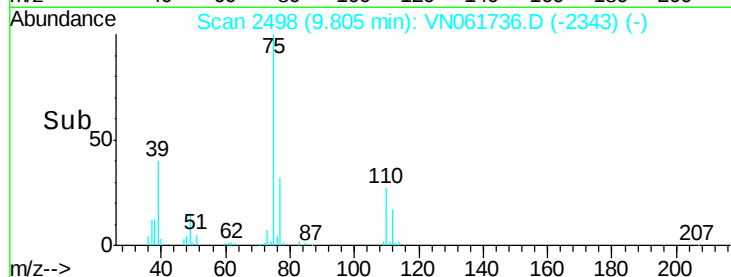
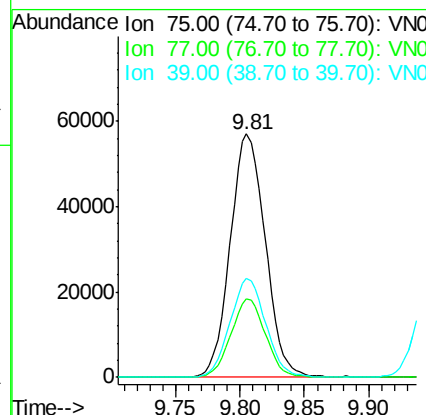
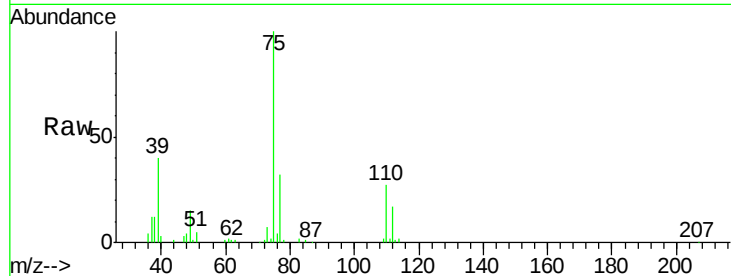
cis-1,3-Dichloropropene
 Concen: 19.014 ug/l
 RT: 9.81 min Scan# 2498
 Delta R.T. -0.00 min
 Lab File: VN061736.D
 Acq: 10 Jun 2020 14:49

Instrument :
 MSVOA_N
 ClientSampled :
 VN0610WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.0	24.8	37.2
39	40.5	31.8	47.6

Manual Integrations
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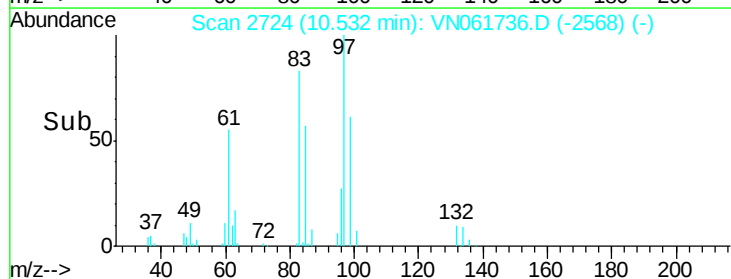
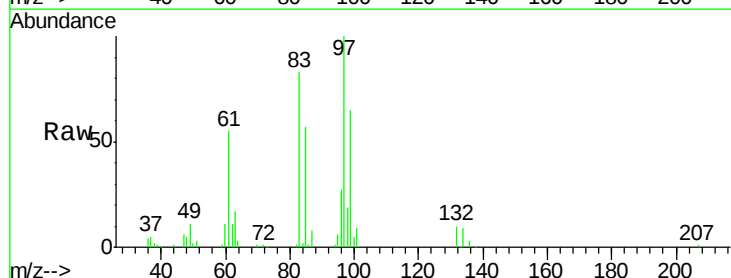
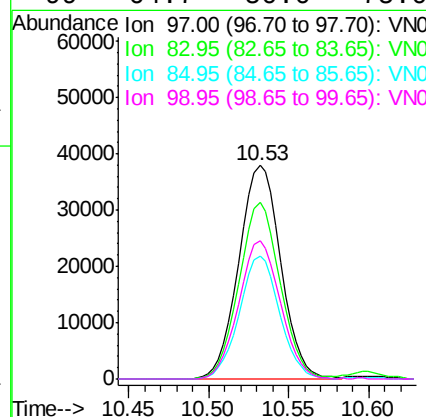
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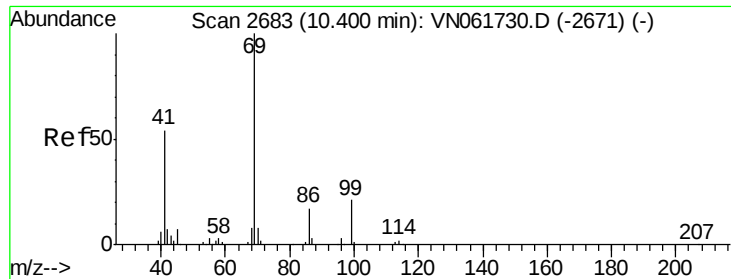


#50

1,1,2-Trichloroethane
 Concen: 19.053 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. 0.00 min
 Lab File: VN061736.D
 Acq: 10 Jun 2020 14:49

Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.6	67.6	101.4
85	57.3	44.0	66.0
99	64.7	50.0	75.0





#51

Ethyl methacrylate

Concen: 18.425 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. 0.00 min

Lab File: VN061736.D

Acq: 10 Jun 2020 14:49

Instrument :

MSVOA_N

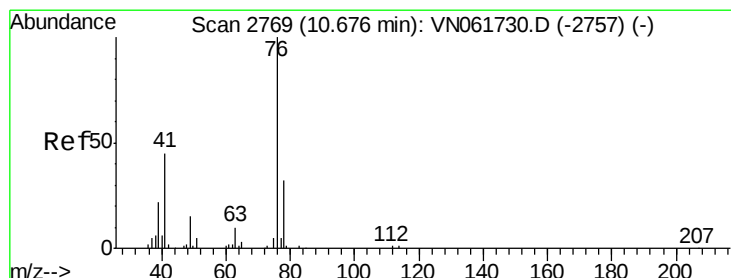
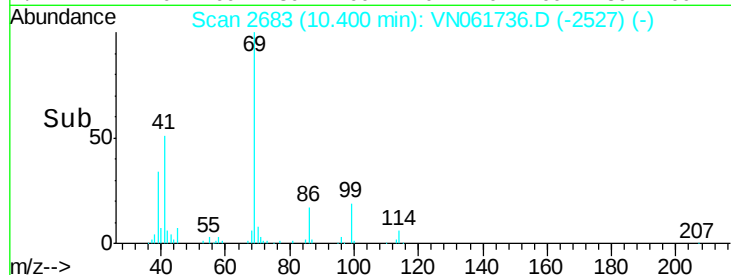
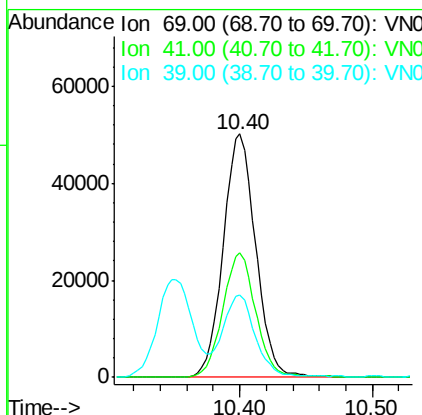
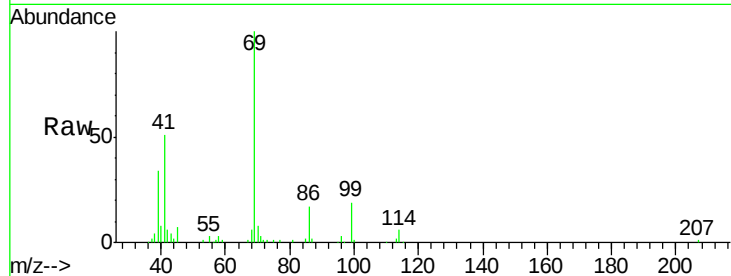
ClientSampled :

VN0610WBS01

Tot Ion:	69	Resp:	85443
Ion Ratio	Lower	Upper	
69	100		
41	51.4	26.9	80.7
39	33.6	16.7	50.1

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 19.172 ug/l

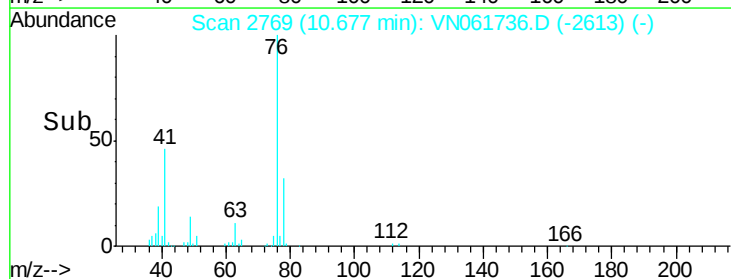
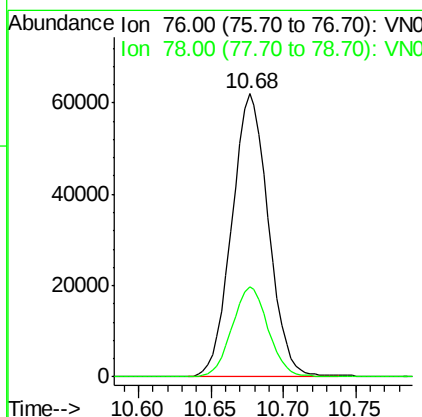
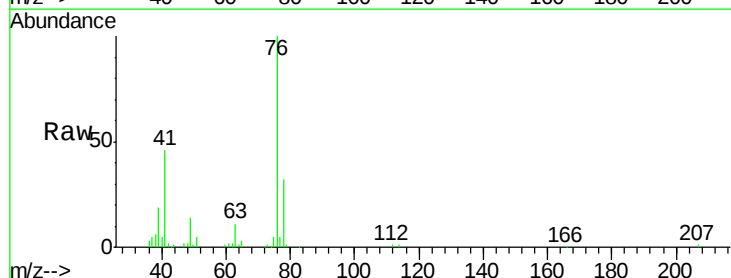
RT: 10.68 min Scan# 2769

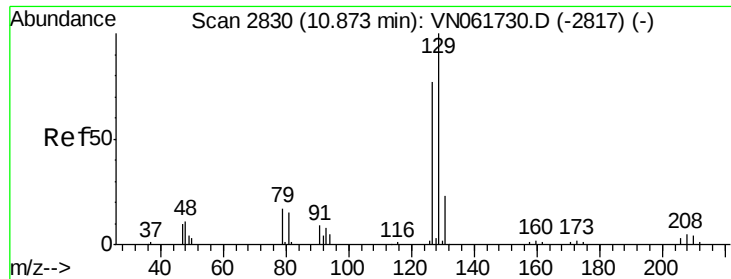
Delta R.T. 0.00 min

Lab File: VN061736.D

Acq: 10 Jun 2020 14:49

Tgt Ion:	76	Resp:	108987
Ion Ratio	Lower	Upper	
76	100		
78	31.3	0.0	65.8





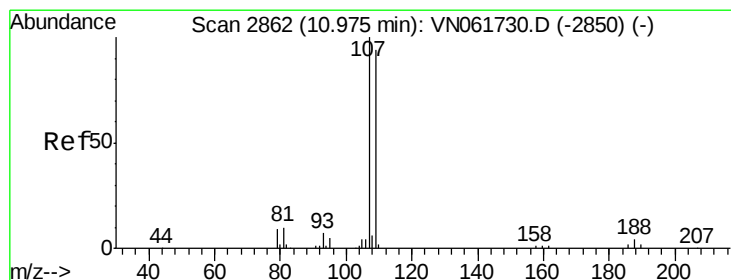
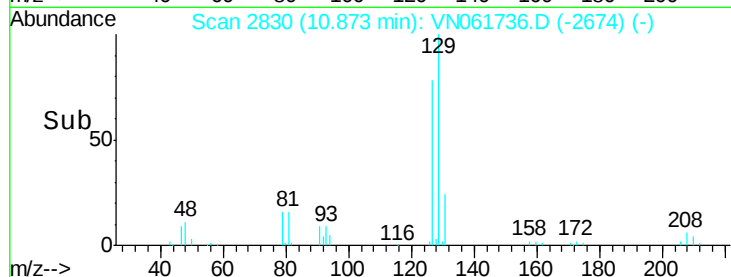
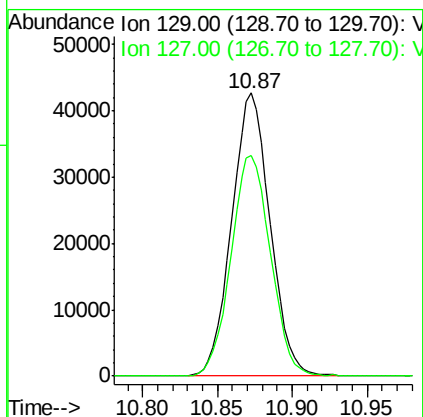
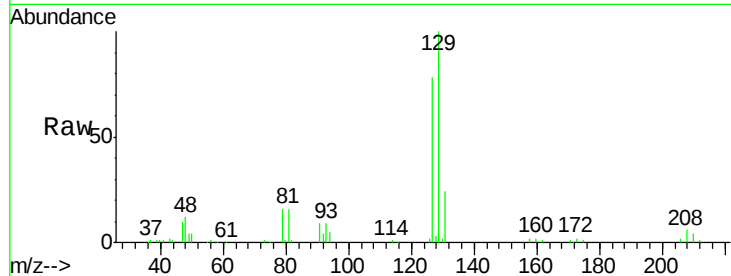
#53
 Dibromochloromethane
 Concen: 18.137 ug/l
 RT: 10.87 min Scan# 2830
 Delta R.T. 0.00 min
 Lab File: VN061736.D
 Acq: 10 Jun 2020 14:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0610WBS01

Tot Ion	Ion	Ratio	Lower	Upper
129	100			
127	80.1	38.6	116.0	

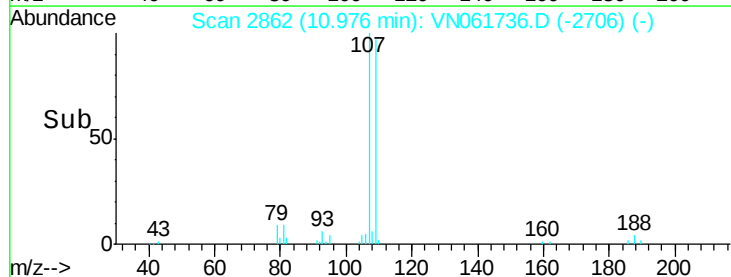
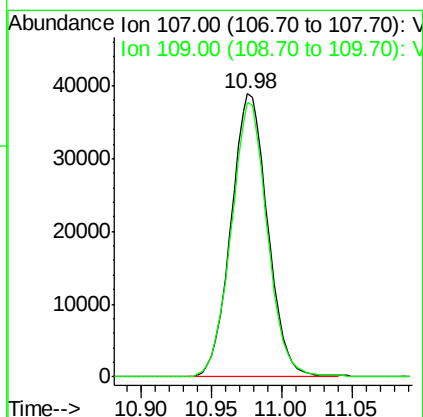
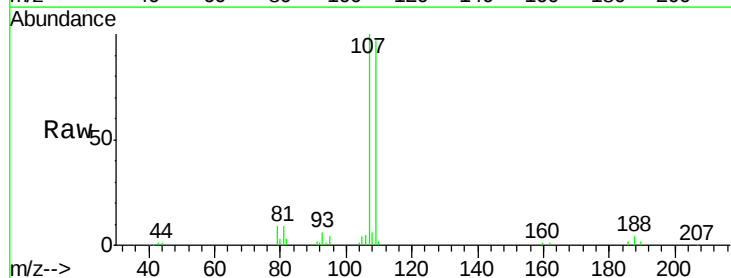
Manual Integrations
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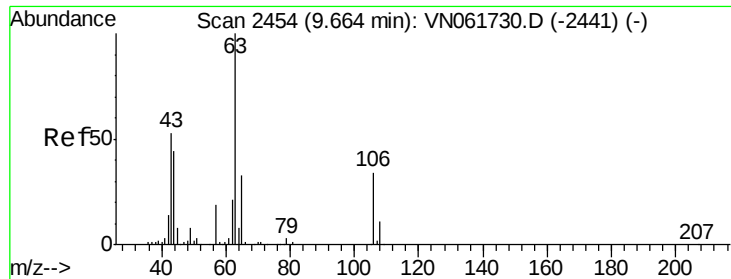
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#54
 1,2-Dibromoethane
 Concen: 18.909 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. 0.00 min
 Lab File: VN061736.D
 Acq: 10 Jun 2020 14:49

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
109	95.4	76.6	114.8	





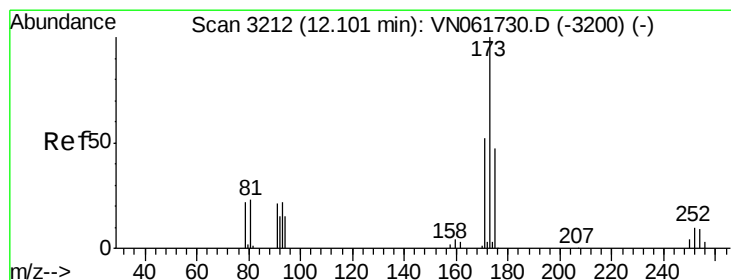
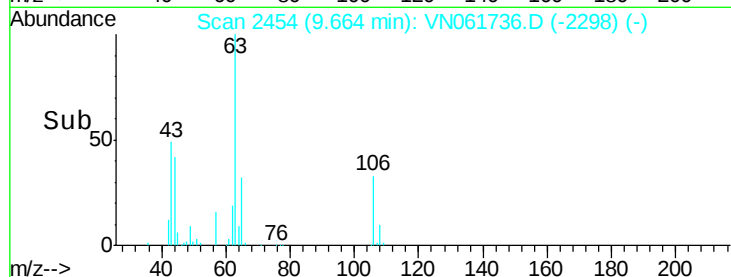
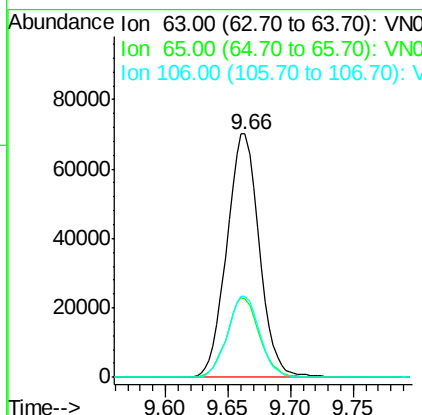
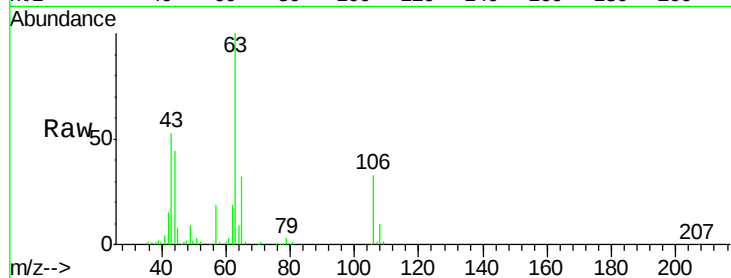
#55
2-Chloroethyl vinyl ether
Concen: 71.719 ug/l
RT: 9.66 min Scan# 2454
Delta R.T. 0.00 min
Lab File: VN061736.D
Acq: 10 Jun 2020 14:49

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

Tot Ion	Ratio	Resp	Lower	Upper
63	100			
65	32.5	25.8	38.8	
106	32.9	26.5	39.7	

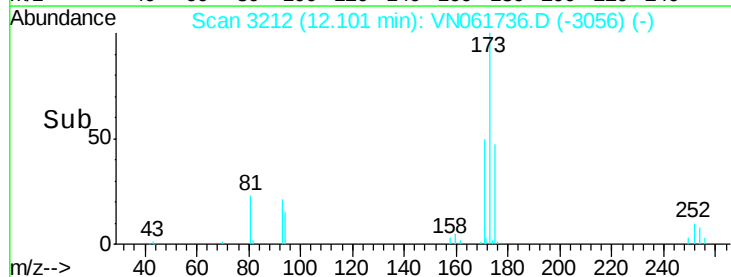
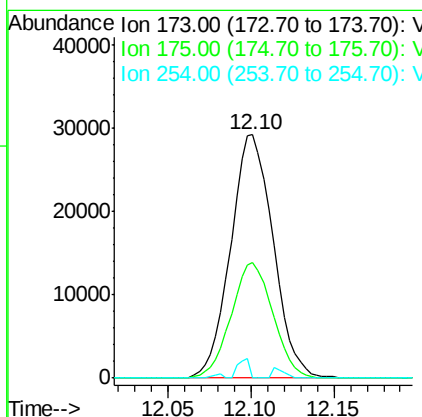
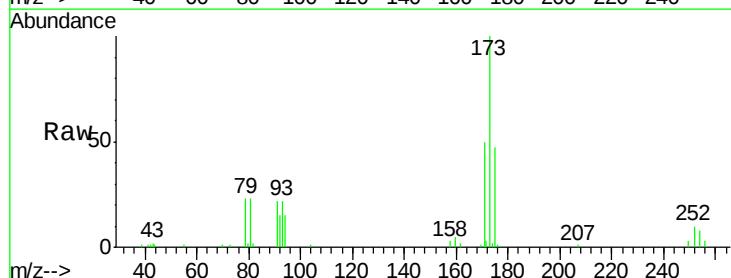
Manual Integrations
APPROVED

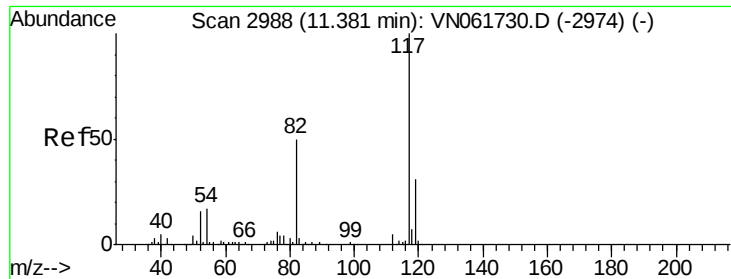
MMDadoda
6/11/2020 12:44:39 PM



#56
Bromoform
Concen: 17.820 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. 0.00 min
Lab File: VN061736.D
Acq: 10 Jun 2020 14:49

Tgt Ion	Ratio	Resp	Lower	Upper
173	100			
175	46.5	37.5	56.3	
254	2.2	6.9	10.3	





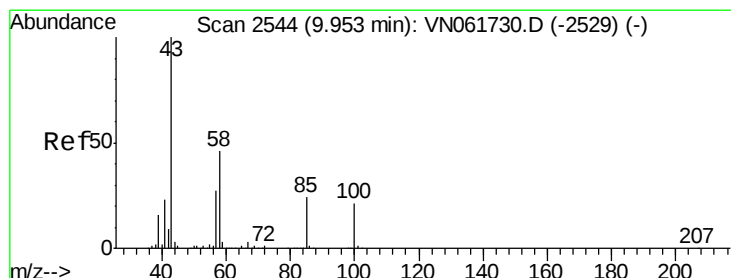
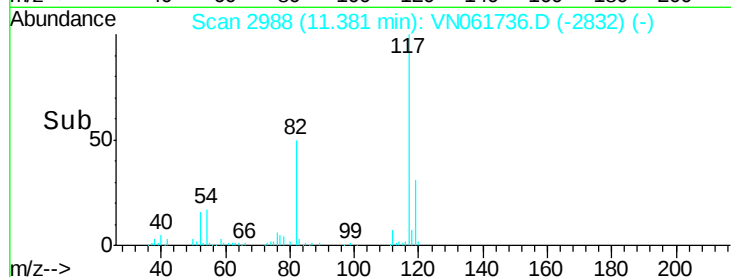
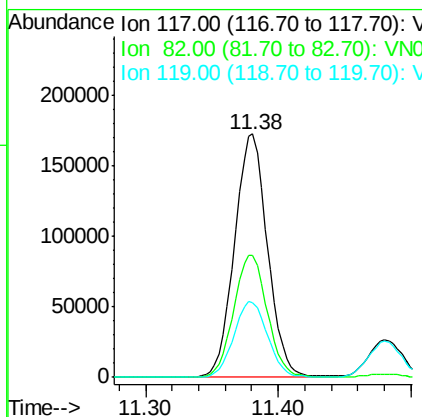
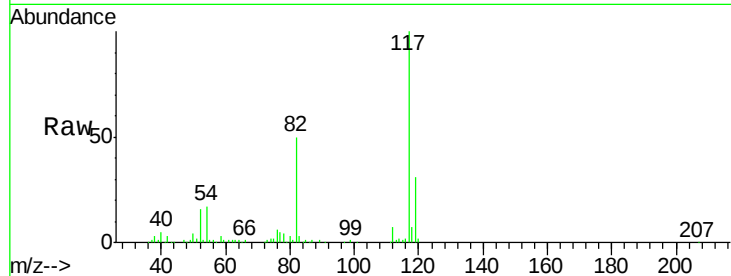
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061736.D
Acq: 10 Jun 2020 14:49

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	299456		
82	51.2		40.6	60.8
119	31.9		25.4	38.2

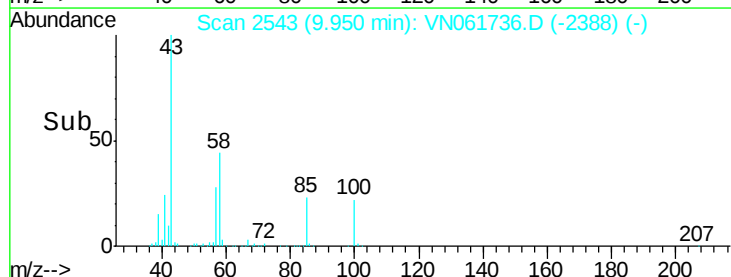
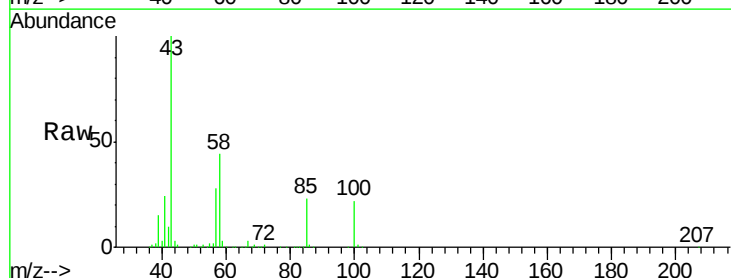
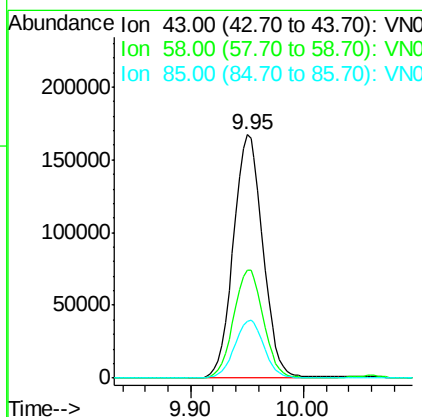
Manual Integrations
APPROVED

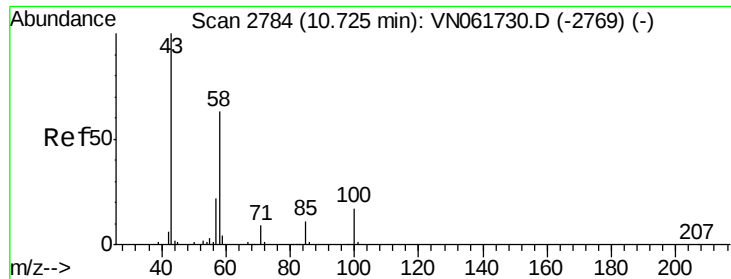
MMDadoda
6/11/2020 12:44:39 PM



#58
4-Methyl-2-Pentanone
Concen: 98.514 ug/l
RT: 9.95 min Scan# 2543
Delta R.T. -0.00 min
Lab File: VN061736.D
Acq: 10 Jun 2020 14:49

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	305098		
58	44.7		36.6	54.8
85	23.7		19.0	28.6





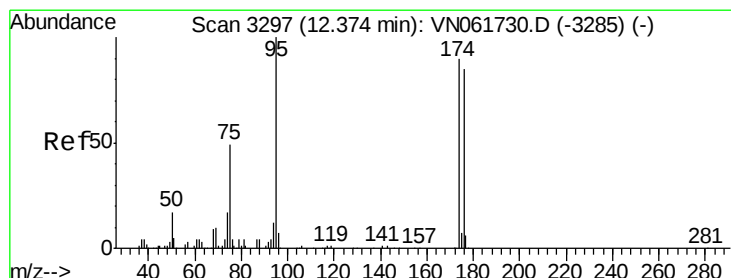
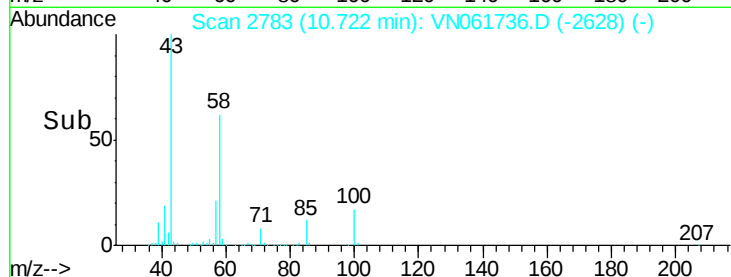
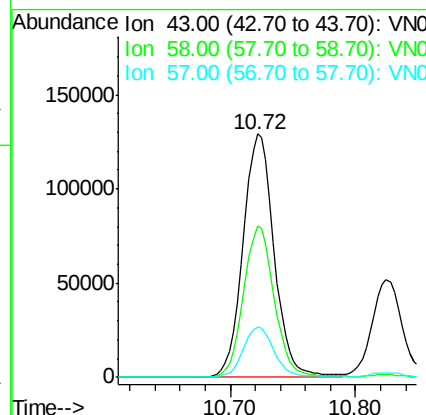
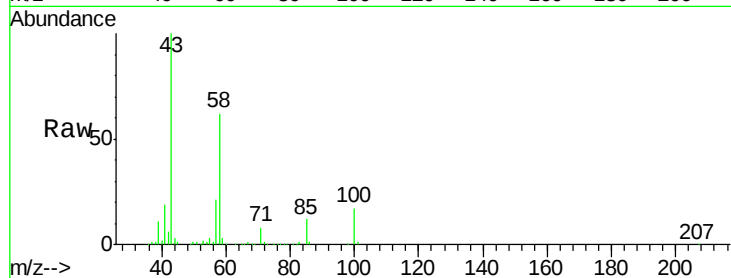
#59
2-Hexanone
Concen: 99.371 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN061736.D
Acq: 10 Jun 2020 14:49

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	61.7	50.4	75.6
57	20.4	17.2	25.8

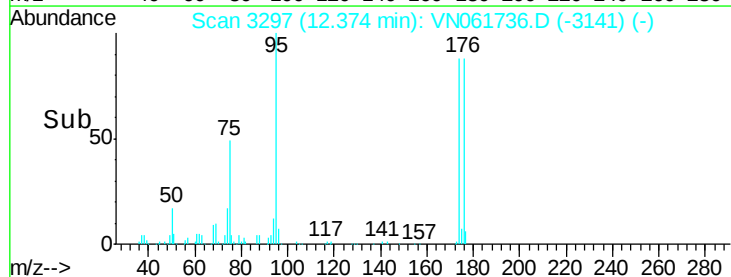
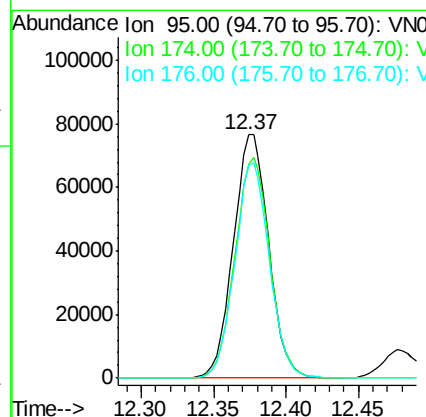
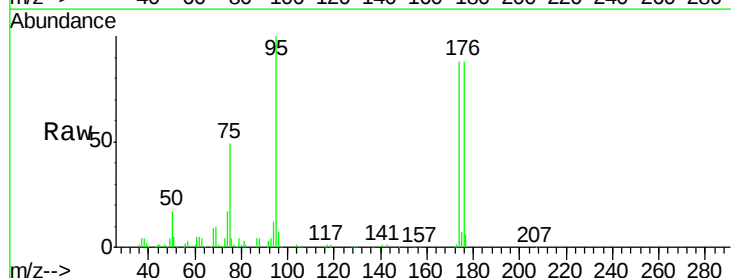
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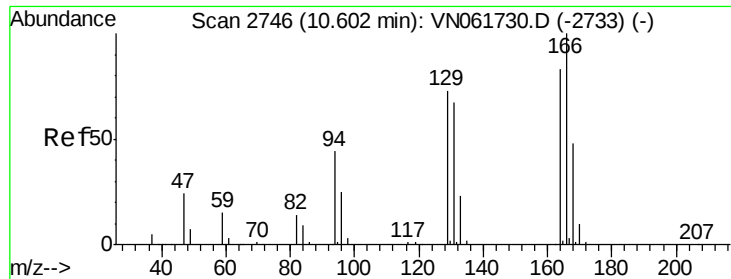
MMDadoda
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#60
4-Bromofluorobenzene
Concen: 29.349 ug/l
RT: 12.37 min Scan# 3297
Delta R.T. 0.00 min
Lab File: VN061736.D
Acq: 10 Jun 2020 14:49

Tgt Ion	Ratio	Lower	Upper
95	100		
174	89.9	72.8	109.2
176	86.8	69.2	103.8





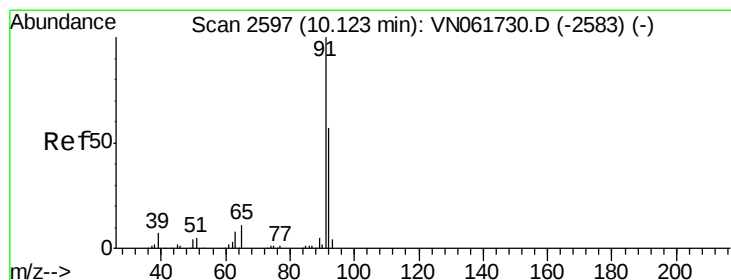
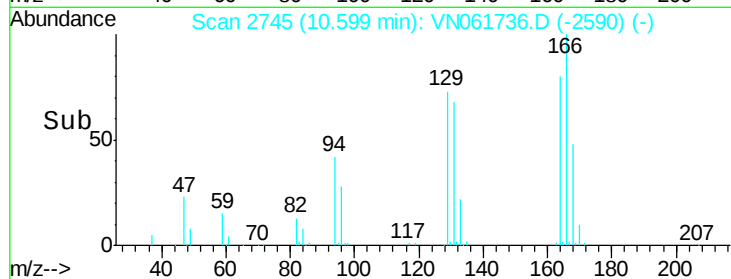
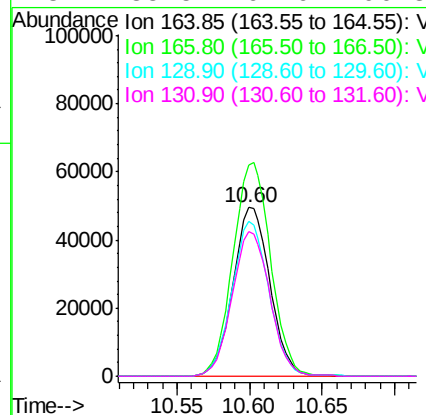
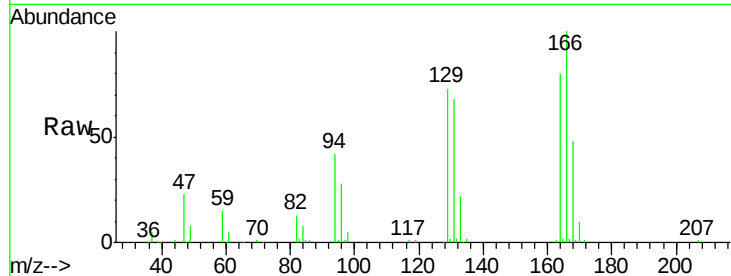
#61
Tetrachloroethene
Concen: 19.172 ug/l
RT: 10.60 min Scan# 2745
Delta R.T. -0.00 min
Lab File: VN061736.D
Acq: 10 Jun 2020 14:49

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

Tot Ion	Ratio	Lower	Upper
164	100		
166	125.1	96.6	144.8
129	91.7	70.1	105.1
131	85.5	64.6	96.8

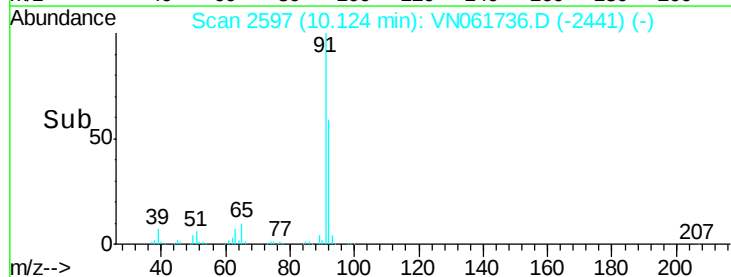
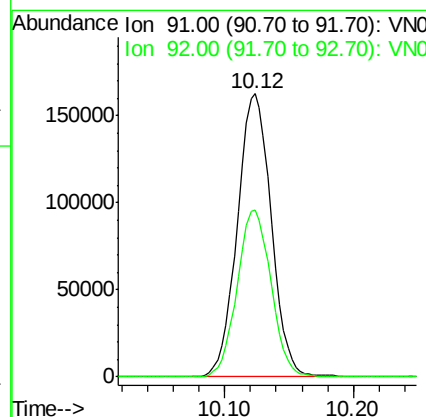
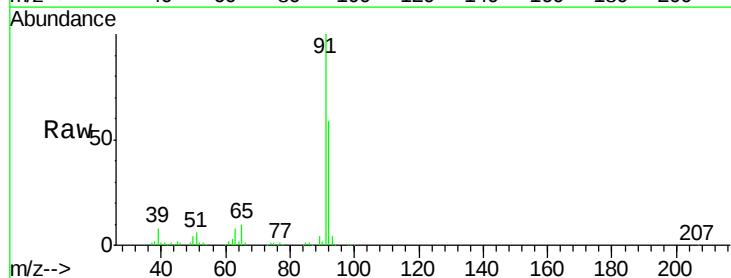
Manual Integrations
APPROVED

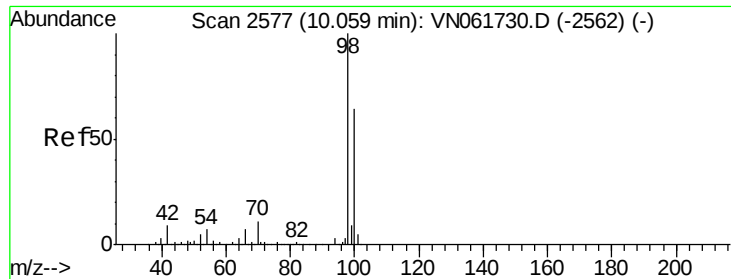
MMDadoda
6/11/2020 12:44:39 PM



#62
Toluene
Concen: 19.773 ug/l
RT: 10.12 min Scan# 2597
Delta R.T. 0.00 min
Lab File: VN061736.D
Acq: 10 Jun 2020 14:49

Tgt Ion	Ratio	Lower	Upper
91	100		
92	58.9	45.8	68.8





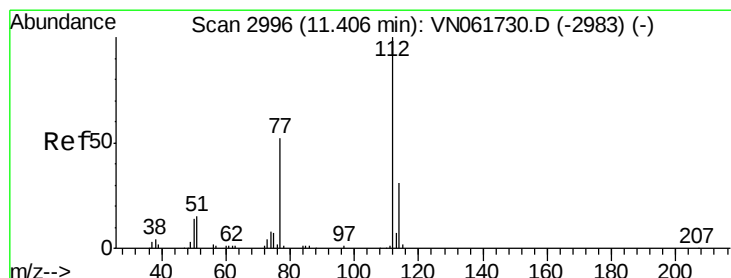
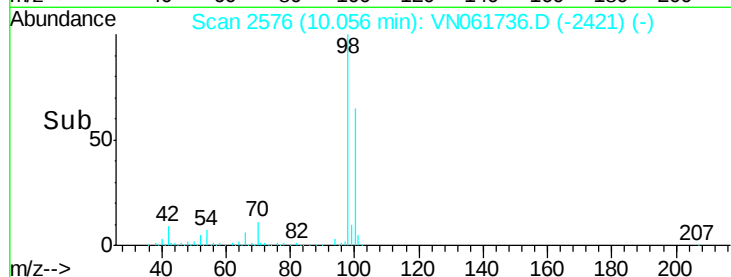
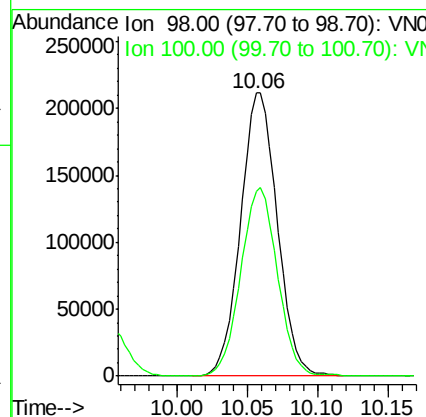
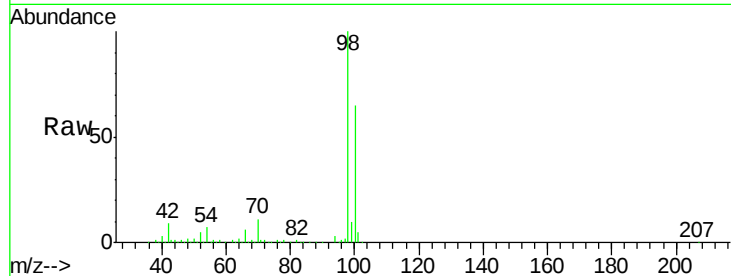
#63
Toluene-d8
Concen: 30.378 ug/l
RT: 10.06 min Scan# 2576
Delta R.T. -0.00 min
Lab File: VN061736.D
Acq: 10 Jun 2020 14:49

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

Tot Ion: 98 Resp: 386411
Ion Ratio Lower Upper
98 100
100 66.2 52.2 78.4

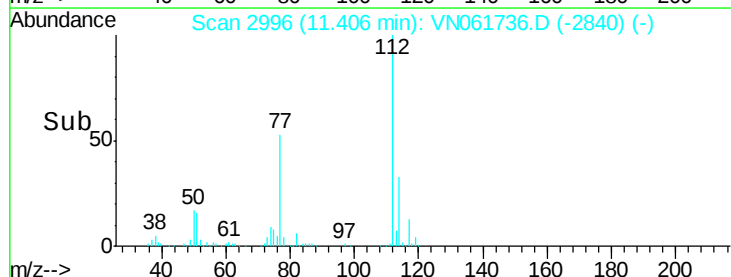
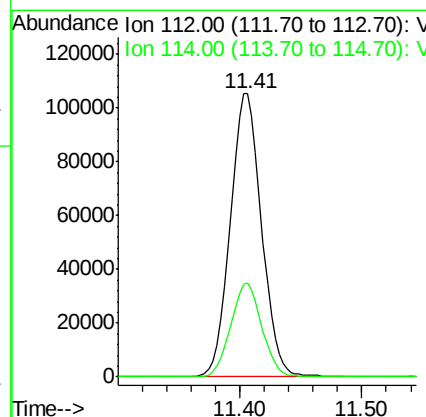
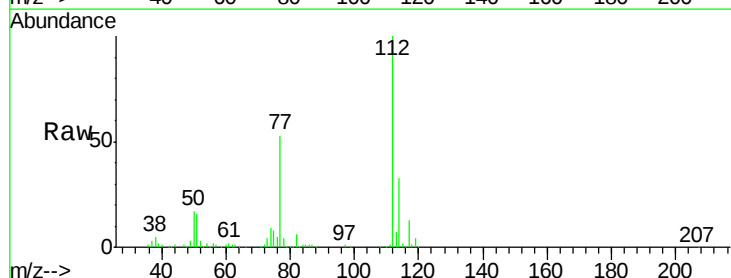
Manual Integrations
APPROVED

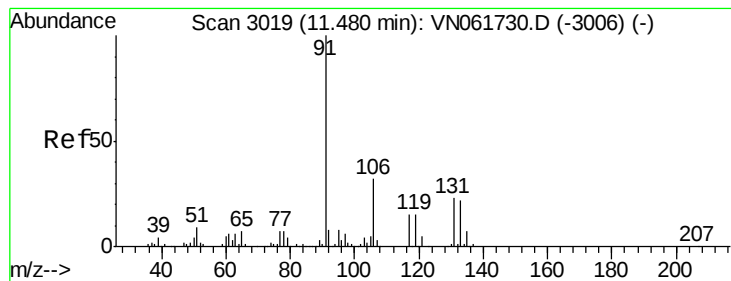
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#64
Chlorobenzene
Concen: 19.452 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN061736.D
Acq: 10 Jun 2020 14:49

Tgt Ion: 112 Resp: 188193
Ion Ratio Lower Upper
112 100
114 33.2 24.9 37.3





#65

1,1,1,2-Tetrachloroethane

Concen: 19.552 ug/l

RT: 11.48 min Scan# 3019

Delta R.T. 0.00 min

Lab File: VN061736.D

Acq: 10 Jun 2020 14:49

Instrument :

MSVOA_N

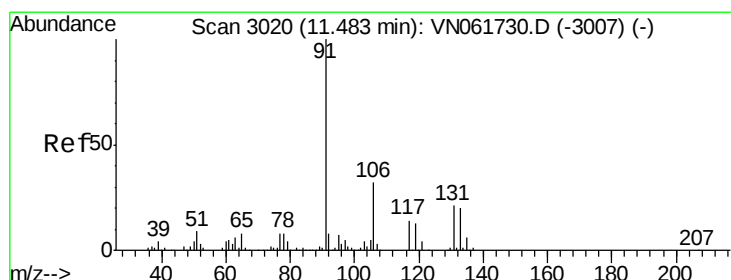
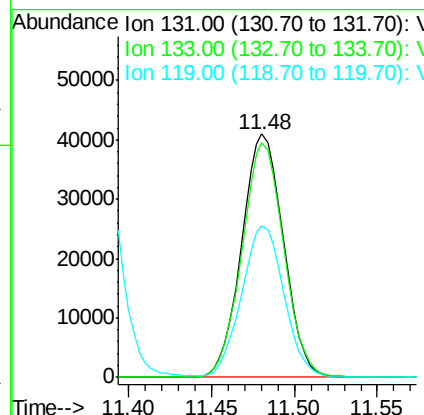
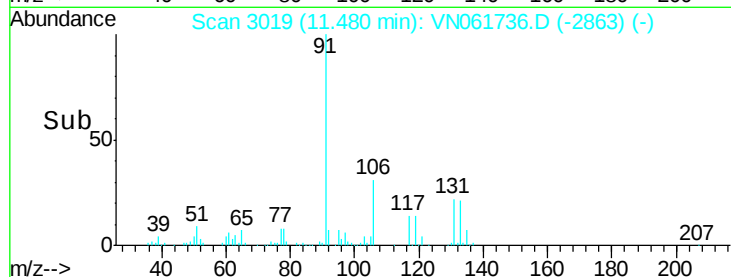
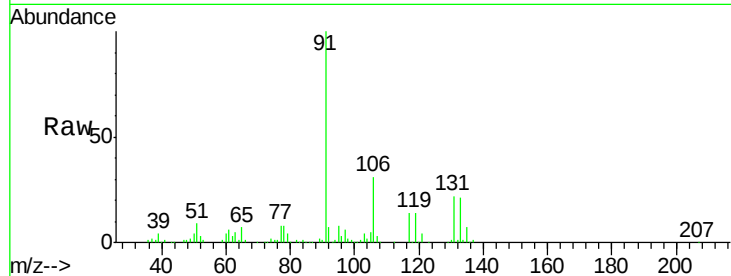
ClientSampled :

VN0610WBS01

Tot Ion:	131	Resp:	72102
Ion Ratio	Lower	Upper	
131	100		
133	96.2	0.0	189.4
119	63.1	0.0	130.8

Manual Integrations
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#66

Ethyl Benzene

Concen: 19.790 ug/l

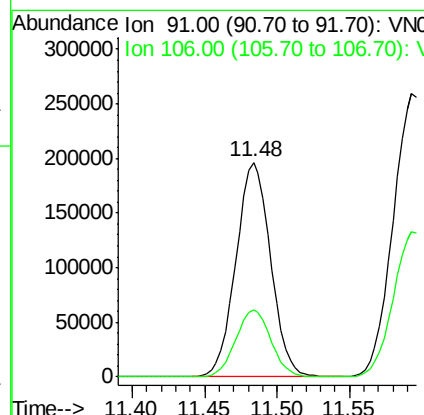
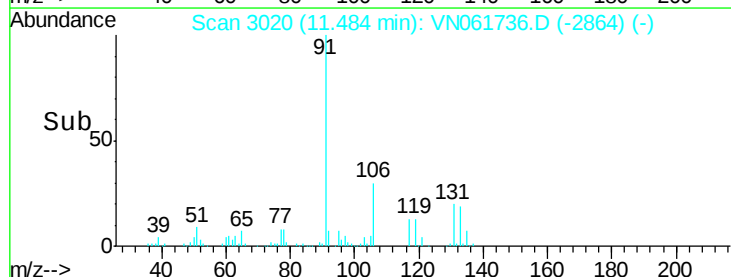
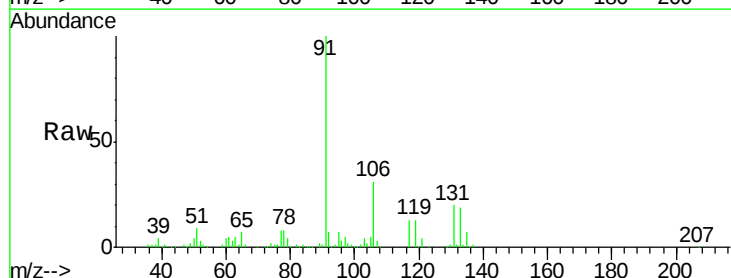
RT: 11.48 min Scan# 3020

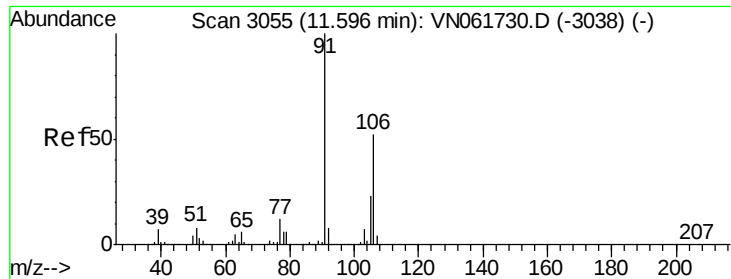
Delta R.T. 0.00 min

Lab File: VN061736.D

Acq: 10 Jun 2020 14:49

Tgt Ion:	91	Resp:	325709
Ion Ratio	Lower	Upper	
91	100		
106	31.2	25.7	38.5





#67

m/p-Xylenes

Concen: 38.964 ug/l

RT: 11.59 min Scan# 3054

Delta R.T. -0.00 min

Lab File: VN061736.D

Acq: 10 Jun 2020 14:49

Instrument :

MSVOA_N

ClientSampled :

VN0610WBS01

Tot Ion:106 Resp: 255094

Ion Ratio Lower Upper

106 100

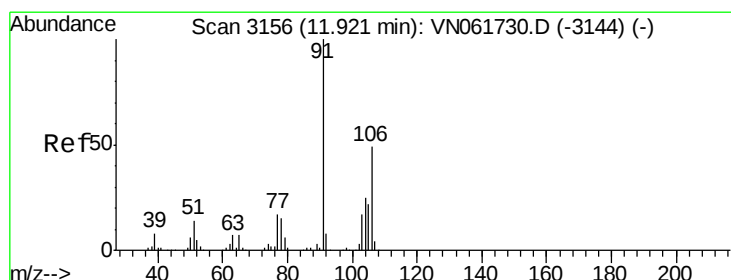
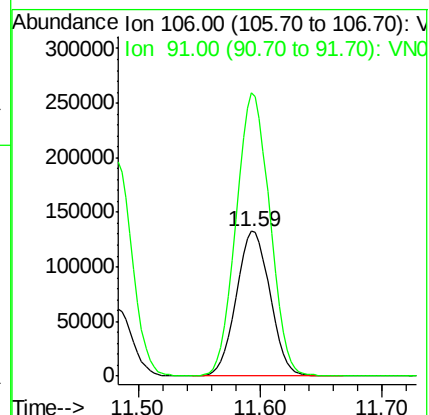
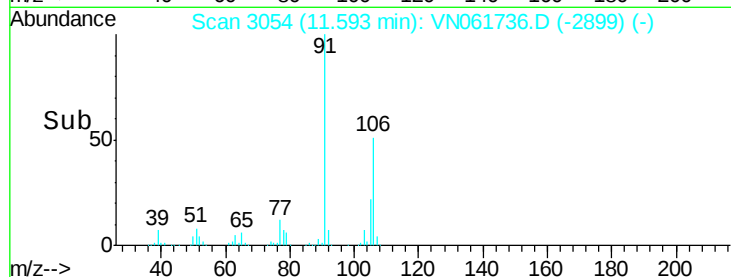
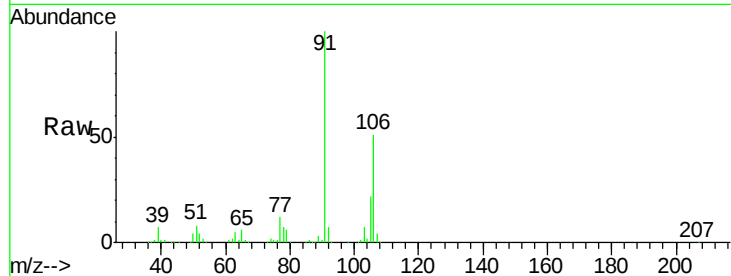
91 195.2 156.2 234.4

Manual Integrations

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#68

o-Xylene

Concen: 19.450 ug/l

RT: 11.92 min Scan# 3156

Delta R.T. 0.00 min

Lab File: VN061736.D

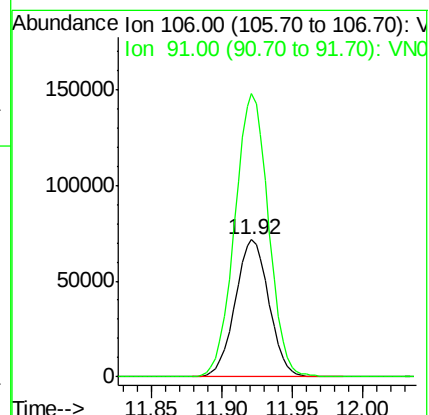
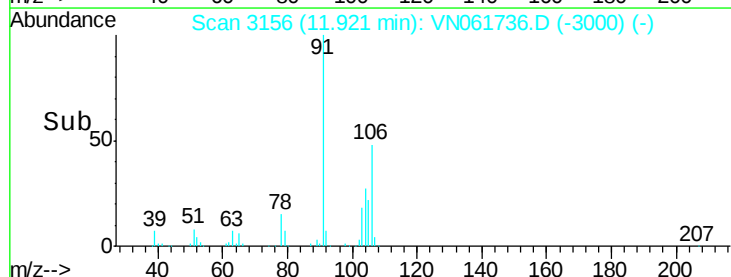
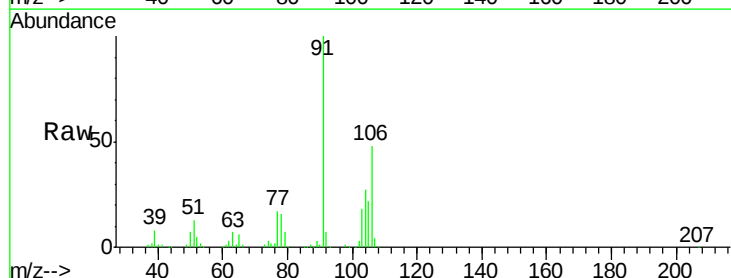
Acq: 10 Jun 2020 14:49

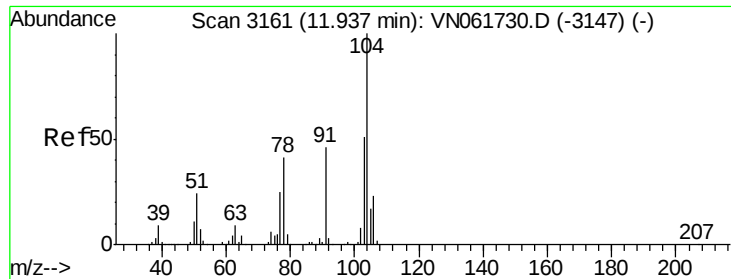
Tgt Ion:106 Resp: 120274

Ion Ratio Lower Upper

106 100

91 205.8 101.9 305.7





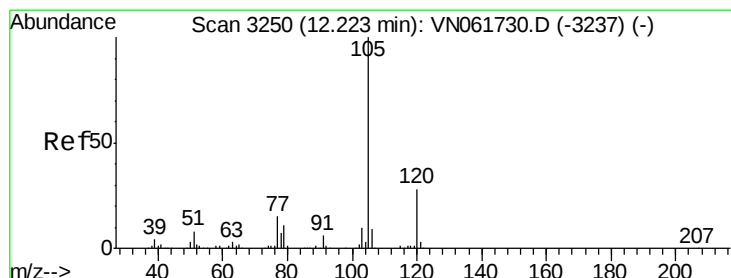
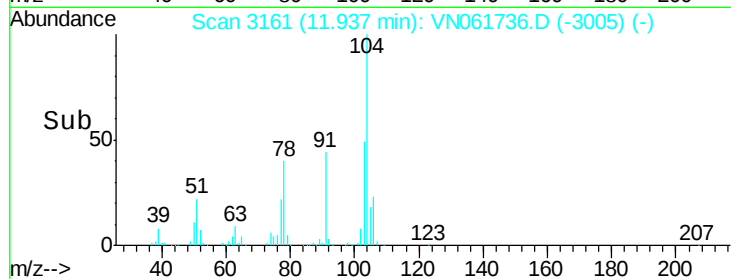
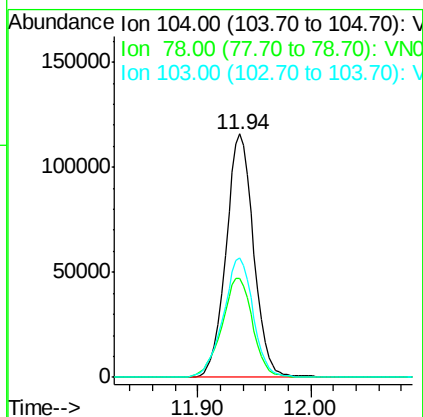
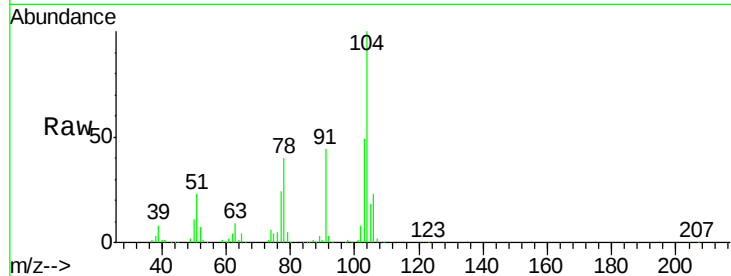
#69
Stvrene
Concen: 18.768 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. 0.00 min
Lab File: VN061736.D
Acq: 10 Jun 2020 14:49

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

Tot Ion	Ratio	Resp	Lower	Upper
104	100	196594		
78	45.7	36.5	54.7	
103	53.0	43.4	65.2	

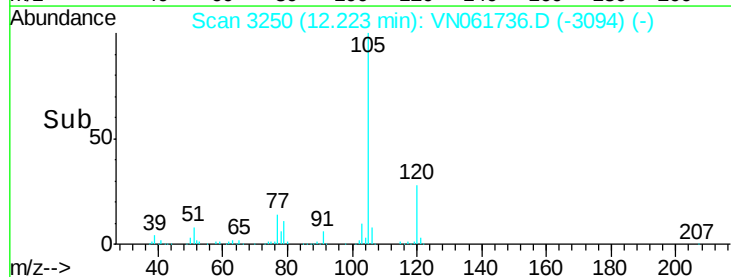
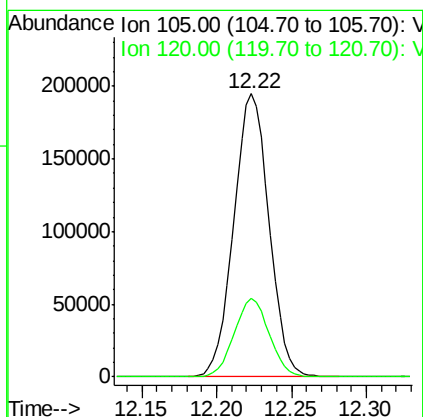
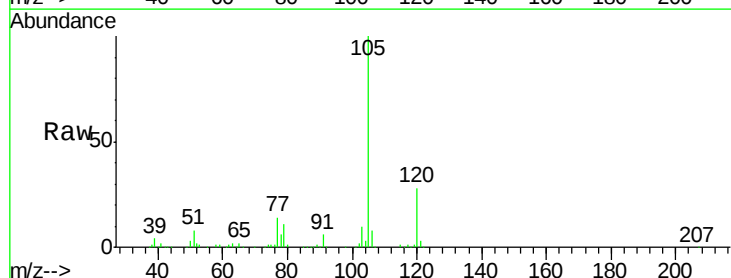
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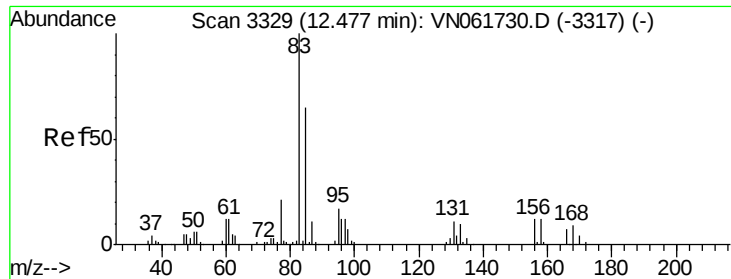
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#70
Isopropylbenzene
Concen: 19.574 ug/l
RT: 12.22 min Scan# 3250
Delta R.T. 0.00 min
Lab File: VN061736.D
Acq: 10 Jun 2020 14:49

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	319685		
120	27.4	19.3	35.8	





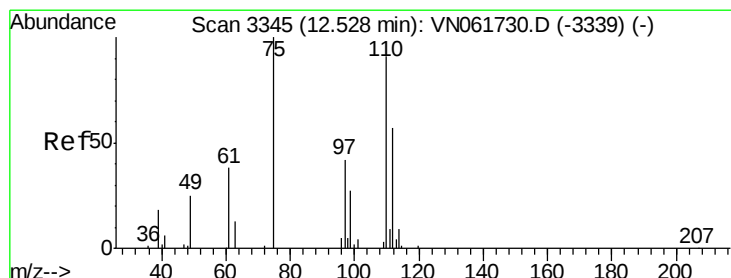
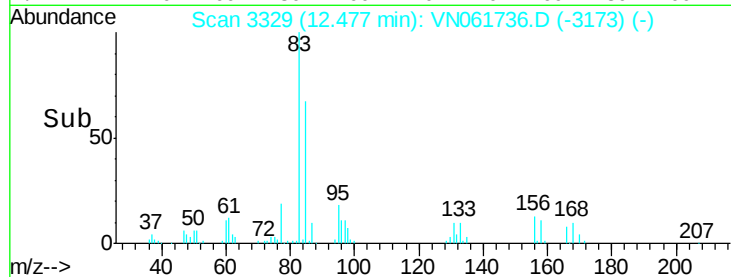
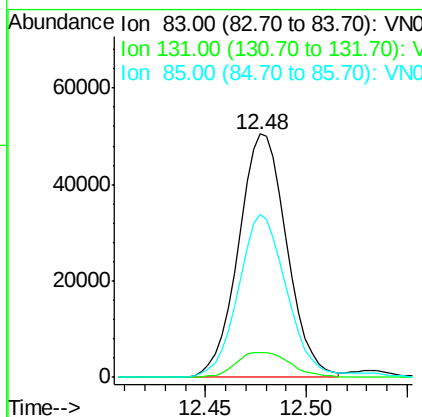
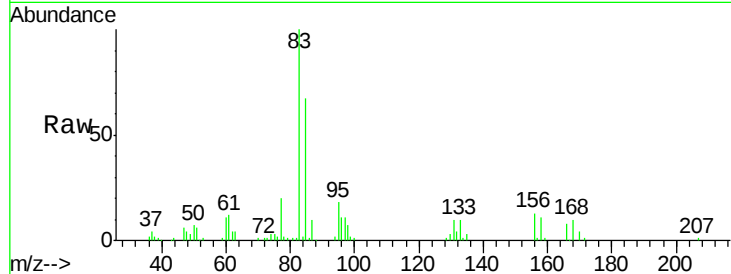
#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.505 ug/l
 RT: 12.48 min Scan# 3329
 Delta R.T. 0.00 min
 Lab File: VN061736.D
 Acq: 10 Jun 2020 14:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0610WBS01

Tot Ion	83	Resp	84622
Ion Ratio	100	Lower	Upper
83	100		
131	11.5	5.7	17.0
85	66.7	33.0	98.9

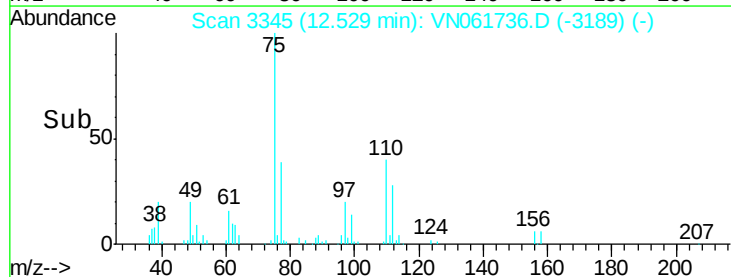
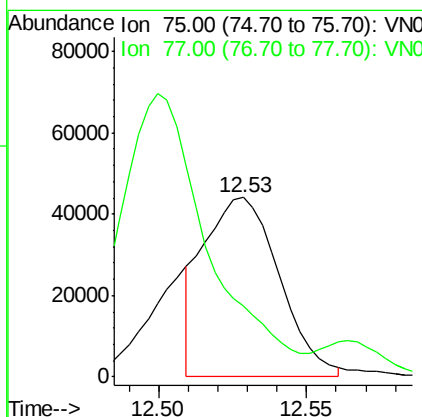
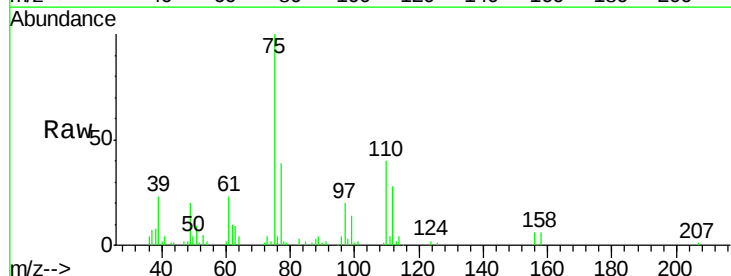
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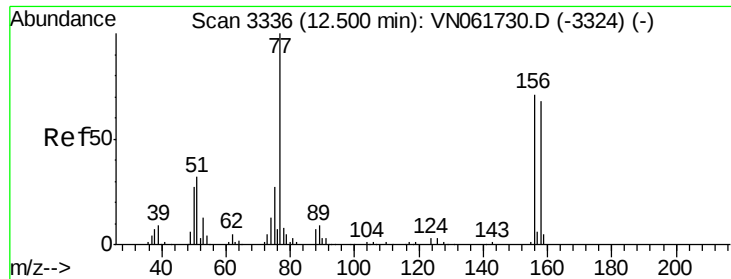
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#72
 1,2,3-Trichloropropane
 Concen: 19.089 ug/l m
 RT: 12.53 min Scan# 3345
 Delta R.T. 0.00 min
 Lab File: VN061736.D
 Acq: 10 Jun 2020 14:49

Tgt Ion	75	Resp	78073
Ion Ratio	100	Lower	Upper
75	100		
77	185.3	0.0	371.8





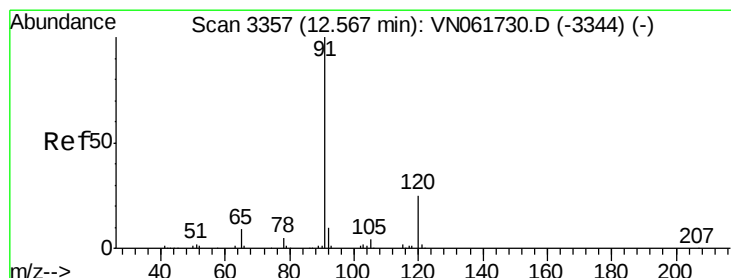
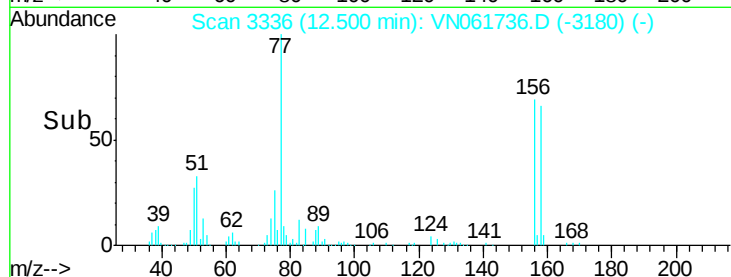
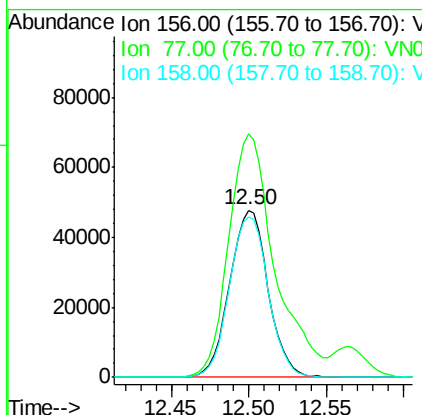
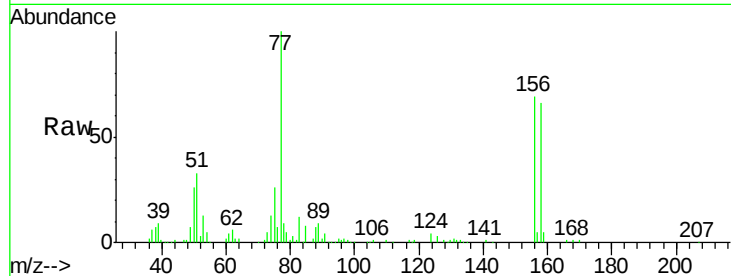
#73
Bromobenzene
Concen: 18.668 ug/l
RT: 12.50 min Scan# 3336
Delta R.T. 0.00 min
Lab File: VN061736.D
Acq: 10 Jun 2020 14:49

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	175.7	0.0	350.0
158	97.2	0.0	195.4

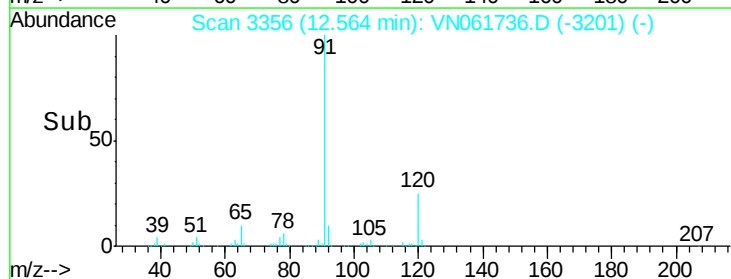
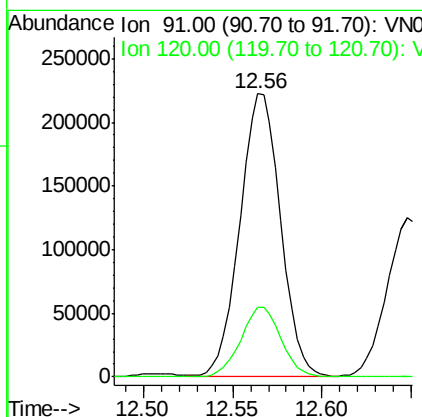
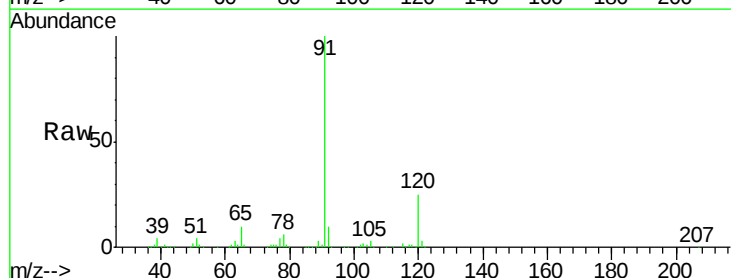
Manual Integrations
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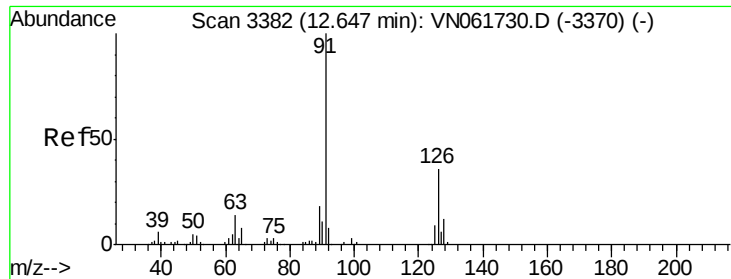
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#74
n-propylbenzene
Concen: 19.170 ug/l
RT: 12.56 min Scan# 3356
Delta R.T. -0.00 min
Lab File: VN061736.D
Acq: 10 Jun 2020 14:49

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.3	0.0	48.4





#75

2-Chlorotoluene

Concen: 19.172 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. 0.00 min

Lab File: VN061736.D

Acq: 10 Jun 2020 14:49

Instrument :

MSVOA_N

ClientSampled :

VN0610WBS01

Tot Ion: 91 Resp: 208607

Ion Ratio Lower Upper

91 100

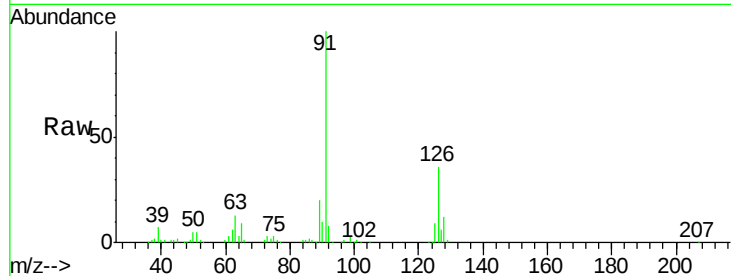
126 36.3 0.0 72.0

Manual Integrations

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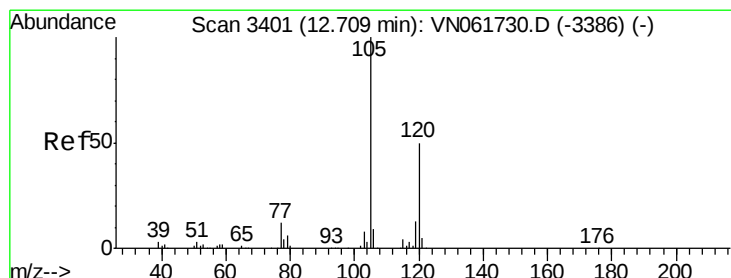
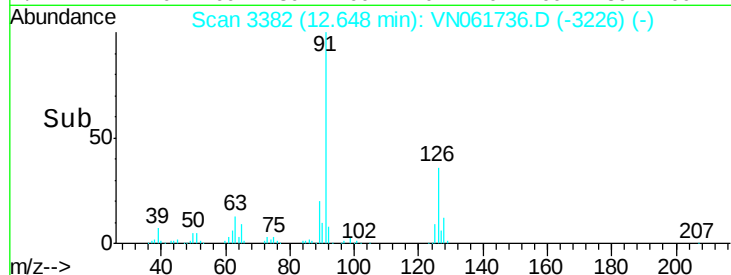
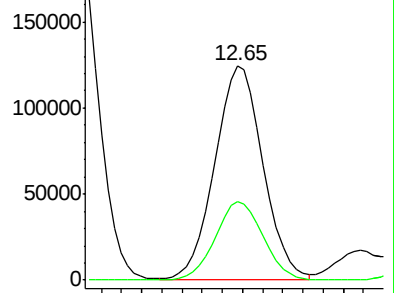
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Abundance Ion 91.00 (90.70 to 91.70): VN061736.D (-3370) (-)

Ion 126.00 (125.70 to 126.70): VN061736.D (-3370) (-)



#76

1,3,5-Trimethylbenzene

Concen: 19.254 ug/l

RT: 12.71 min Scan# 3400

Delta R.T. -0.00 min

Lab File: VN061736.D

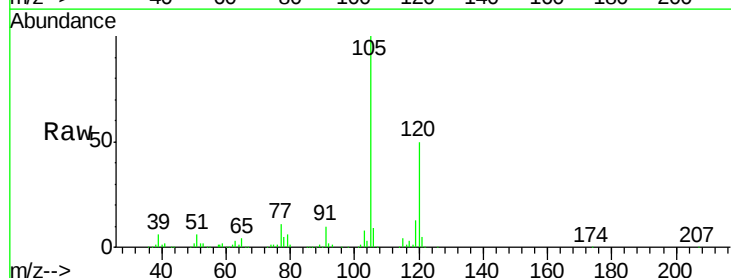
Acq: 10 Jun 2020 14:49

Tgt Ion: 105 Resp: 262160

Ion Ratio Lower Upper

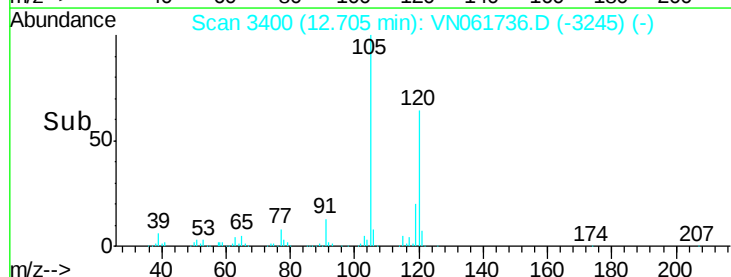
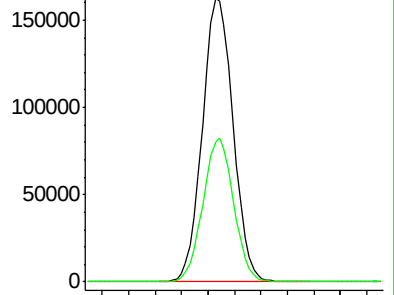
105 100

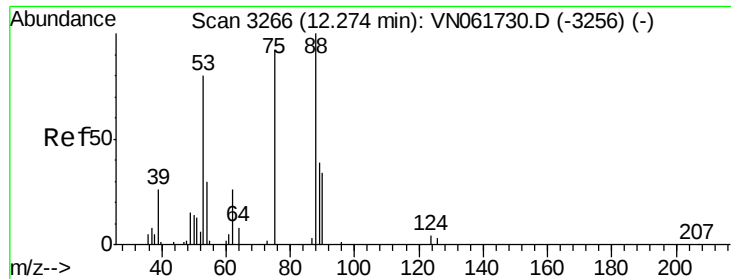
120 50.5 0.0 101.6



Abundance Ion 105.00 (104.70 to 105.70): VN061736.D (-3386) (-)

Ion 120.00 (119.70 to 120.70): VN061736.D (-3386) (-)





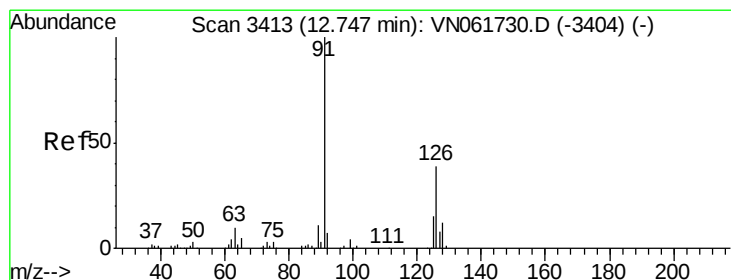
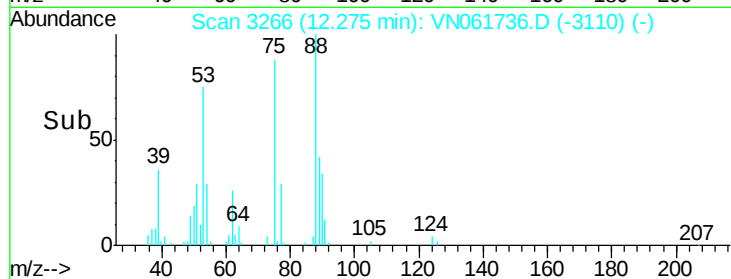
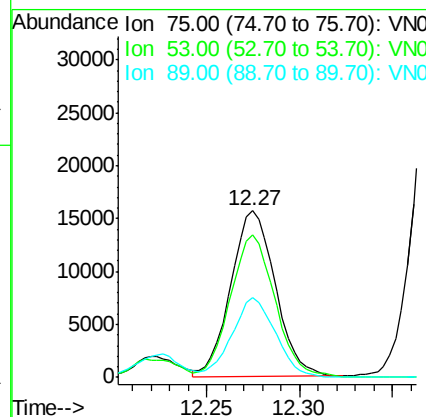
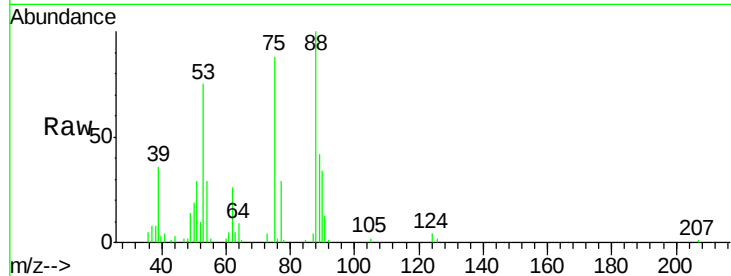
#77
t-1,4-Dichloro-2-butene
Concen: 17.768 ug/l
RT: 12.27 min Scan# 3266
Delta R.T. 0.00 min
Lab File: VN061736.D
Acq: 10 Jun 2020 14:49

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	86.2	43.8	131.4
89	48.7	23.1	69.2

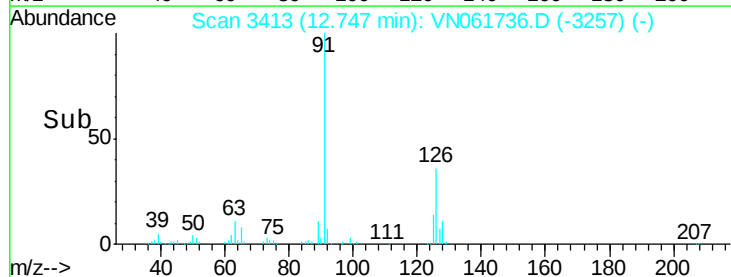
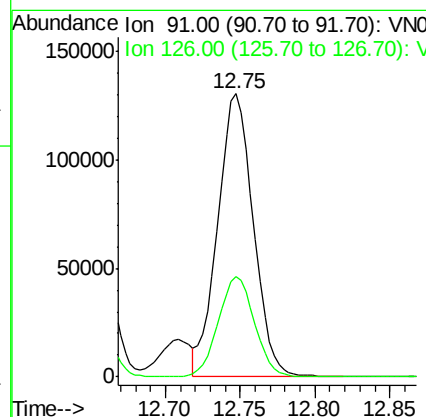
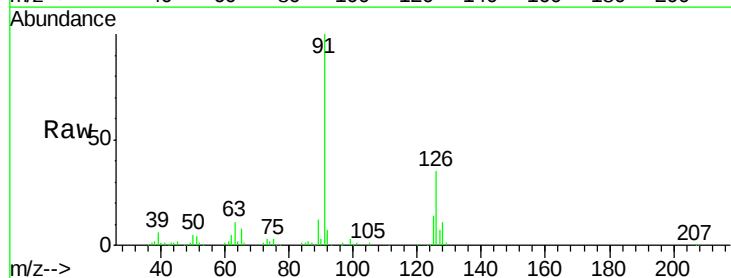
Manual Integrations
APPROVED

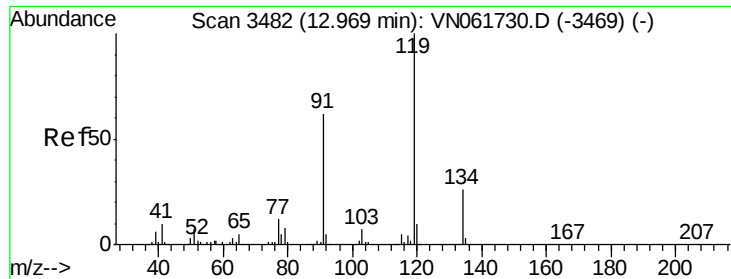
MMDadoda
6/11/2020 12:44:39 PM



#78
4-Chlorotoluene
Concen: 19.137 ug/l
RT: 12.75 min Scan# 3413
Delta R.T. 0.00 min
Lab File: VN061736.D
Acq: 10 Jun 2020 14:49

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.3	0.0	70.4





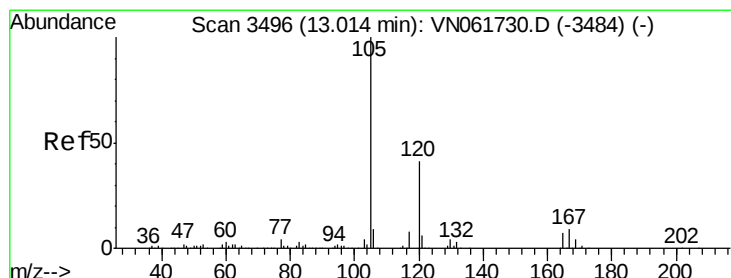
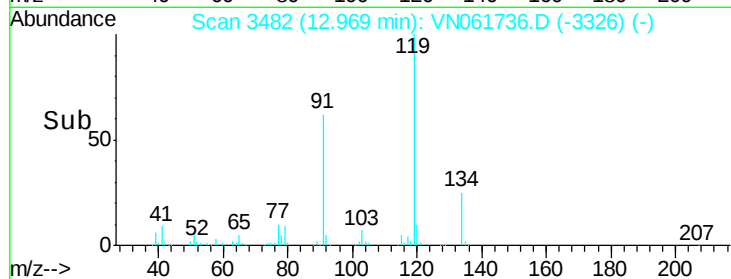
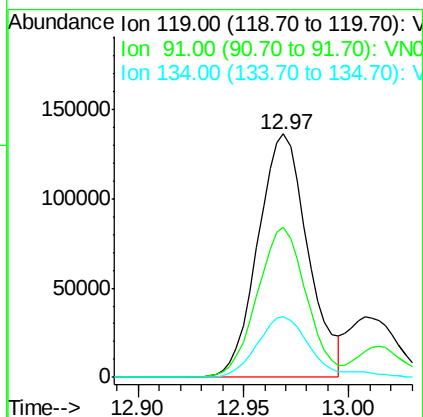
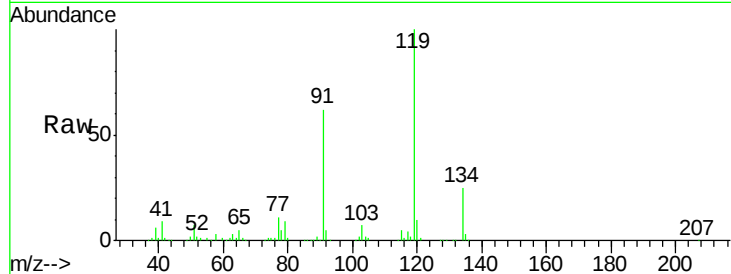
#79
tert-butylbenzene
Concen: 19.100 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. 0.00 min
Lab File: VN061736.D
Acq: 10 Jun 2020 14:49

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	224895		
91	60.4	0.0	124.6	
134	25.3	0.0	51.4	

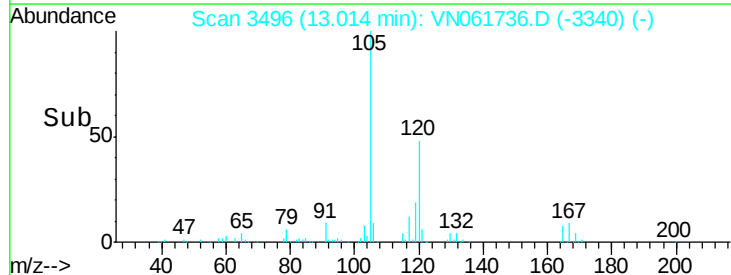
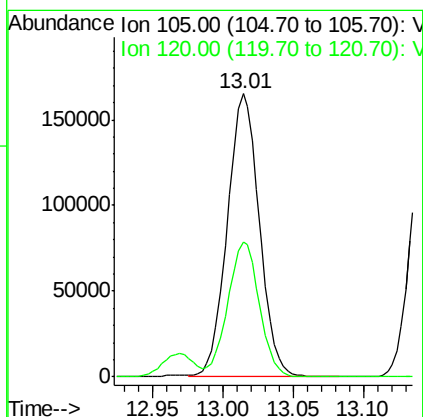
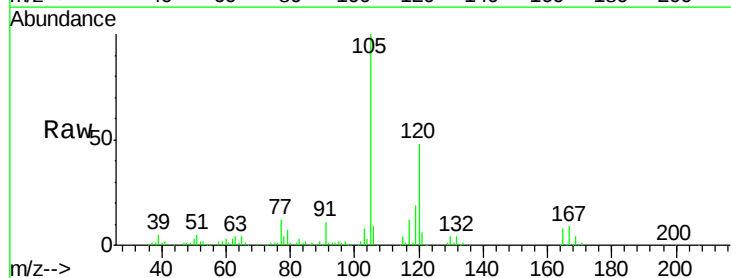
Manual Integrations
APPROVED

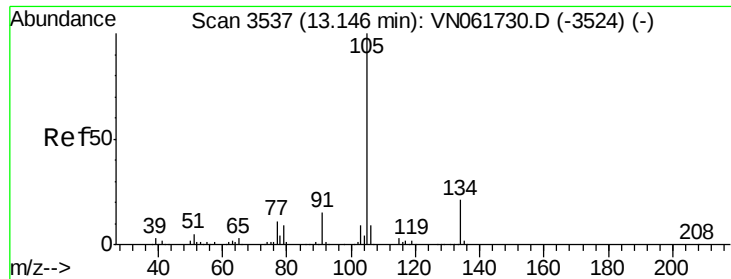
MMDadoda
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#80
1,2,4-Trimethylbenzene
Concen: 19.183 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. 0.00 min
Lab File: VN061736.D
Acq: 10 Jun 2020 14:49

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	262733		
120	47.1	0.0	95.4	





#81

sec-Butylbenzene

Concen: 19.165 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. 0.00 min

Lab File: VN061736.D

Acq: 10 Jun 2020 14:49

Instrument :

MSVOA_N

ClientSampled :

VN0610WBS01

Tot Ion:105 Resp: 291606

Ion Ratio Lower Upper

105 100

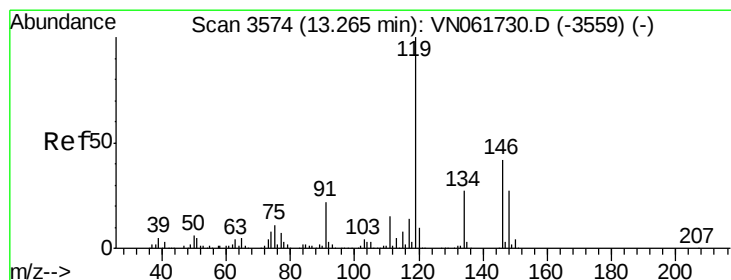
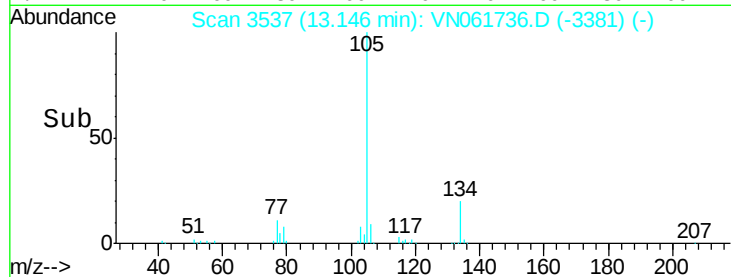
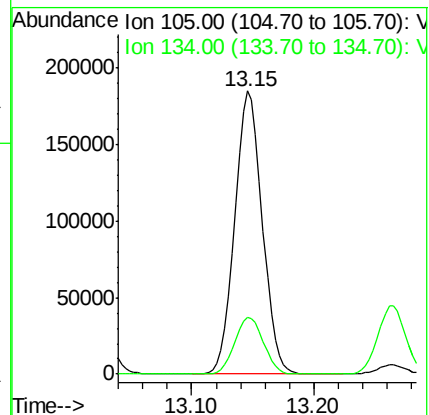
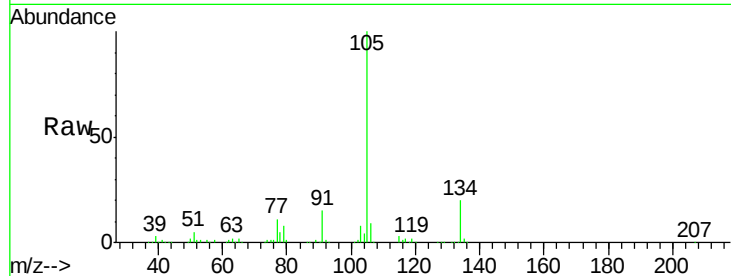
134 21.0 0.0 41.8

Manual Integrations

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#82

p-Isopropyltoluene

Concen: 18.849 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. 0.00 min

Lab File: VN061736.D

Acq: 10 Jun 2020 14:49

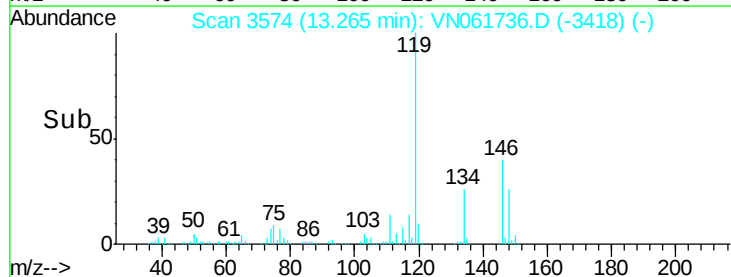
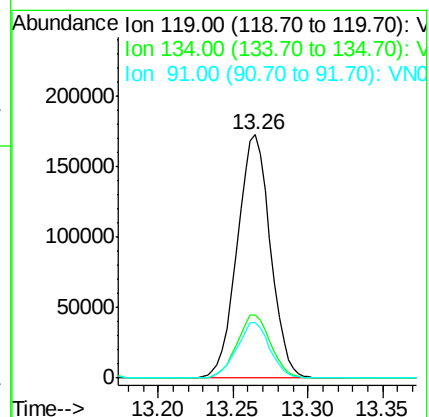
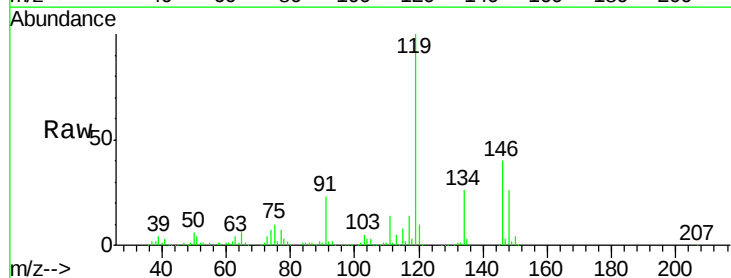
Tgt Ion:119 Resp: 266254

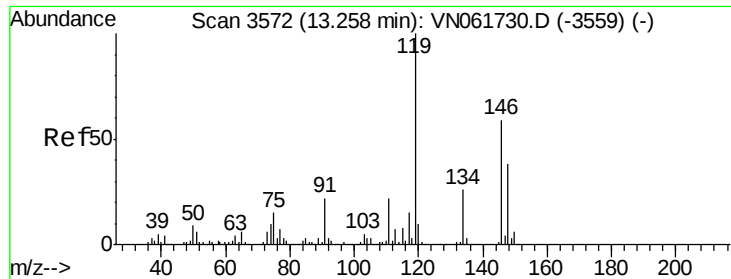
Ion Ratio Lower Upper

119 100

134 26.5 0.0 53.4

91 22.5 0.0 45.2





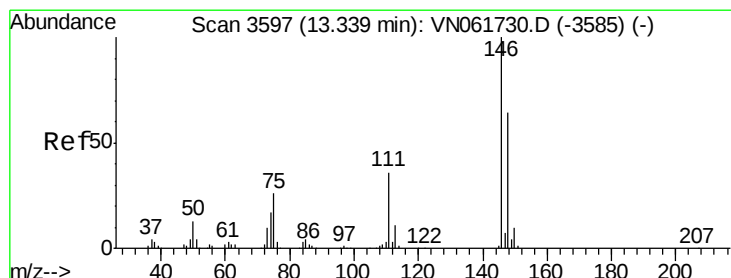
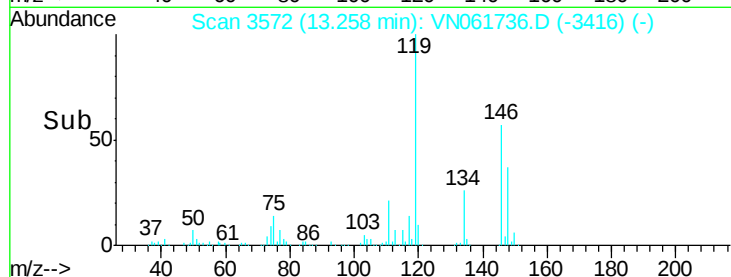
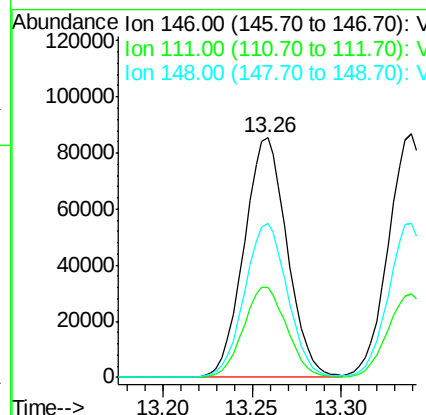
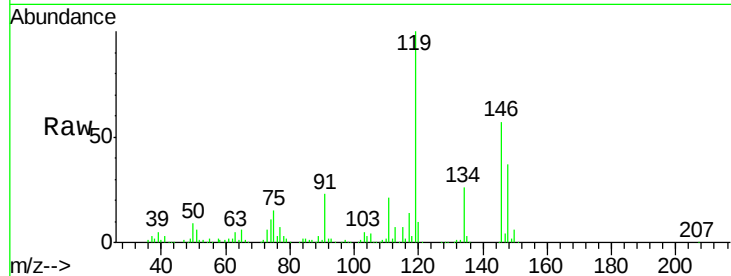
#83
 1,3-Dichlorobenzene
 Concen: 18.346 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VN061736.D
 Acq: 10 Jun 2020 14:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0610WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	144476		
111	37.8	18.7	56.1	
148	63.9	31.9	95.5	

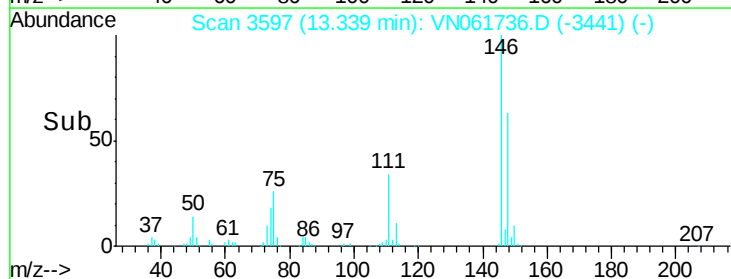
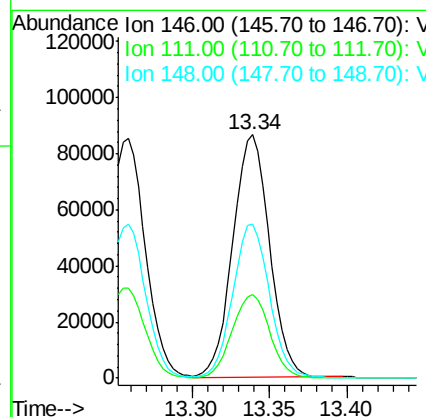
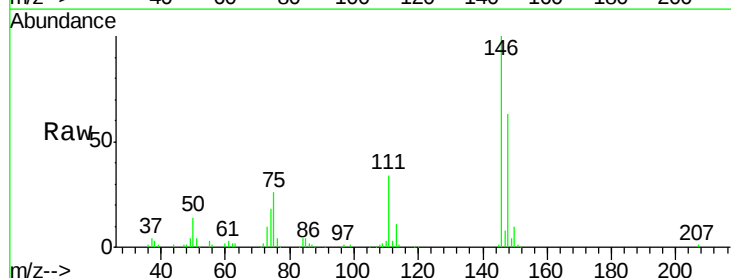
Manual Integrations
 APPROVED

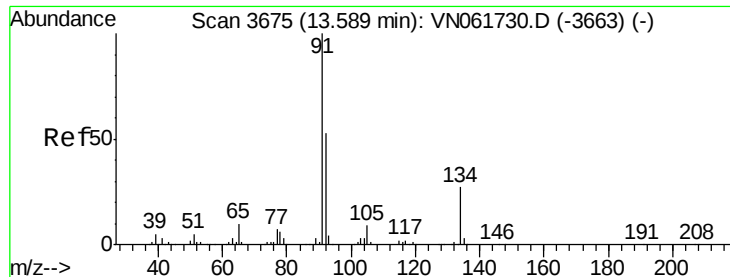
MMDadoda
 6/11/2020 12:44:39 PM



#84
 1,4-Dichlorobenzene
 Concen: 18.445 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VN061736.D
 Acq: 10 Jun 2020 14:49

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	142716		
111	35.4	18.6	55.8	
148	63.4	32.2	96.6	





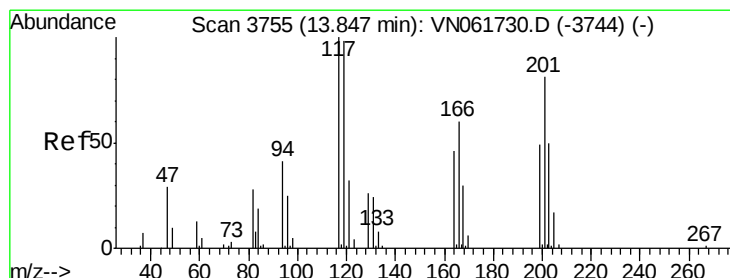
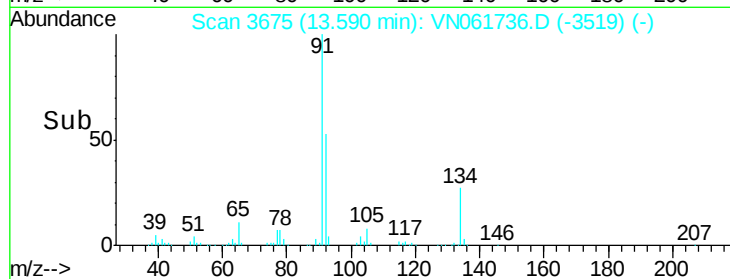
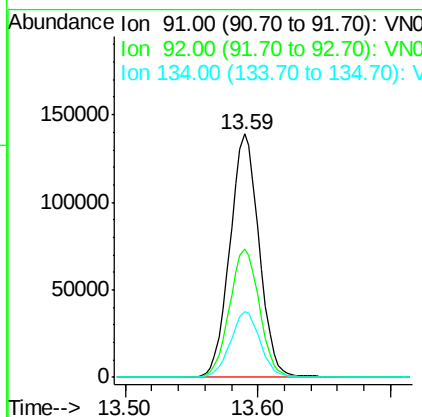
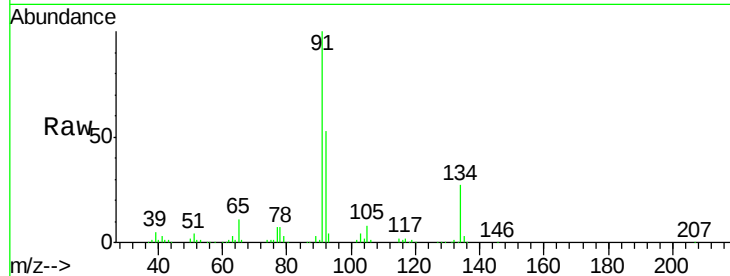
#85
n-Butylbenzene
Concen: 18.267 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. 0.00 min
Lab File: VN061736.D
Acq: 10 Jun 2020 14:49

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	213117		
92	53.7	0.0	107.2	
134	27.4	0.0	55.8	

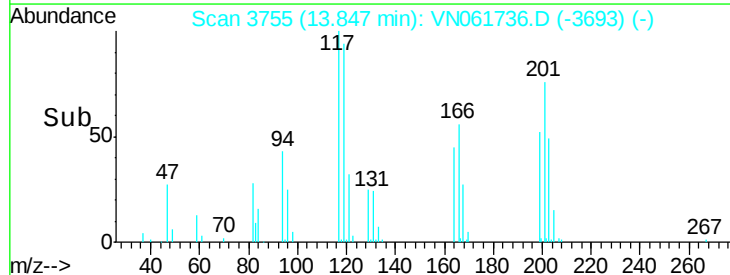
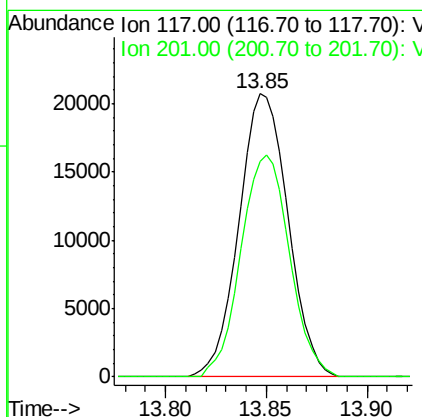
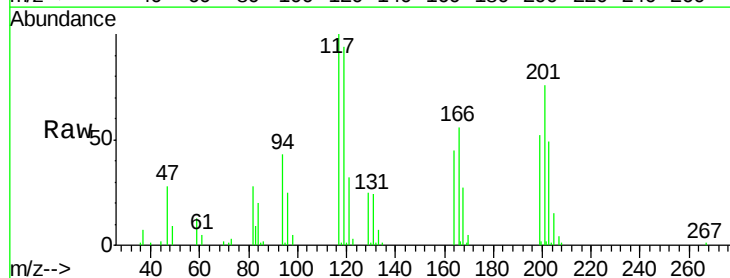
Manual Integrations
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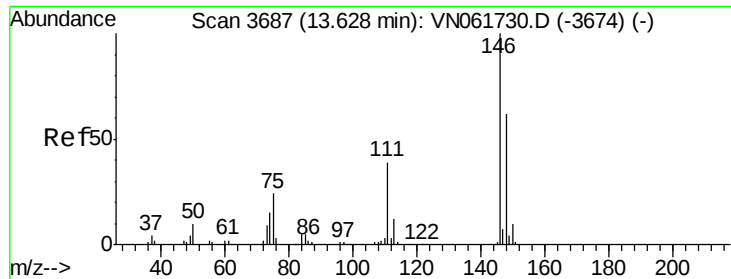
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#86
Hexachloroethane
Concen: 18.402 ug/l
RT: 13.85 min Scan# 3755
Delta R.T. 0.00 min
Lab File: VN061736.D
Acq: 10 Jun 2020 14:49

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	35391		
201	77.6	39.1	117.5	





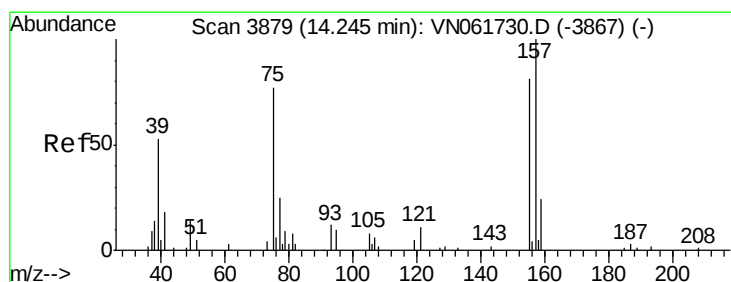
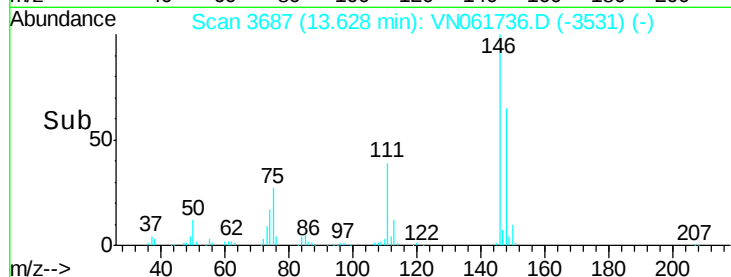
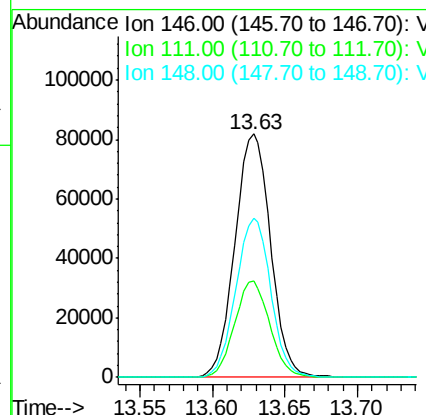
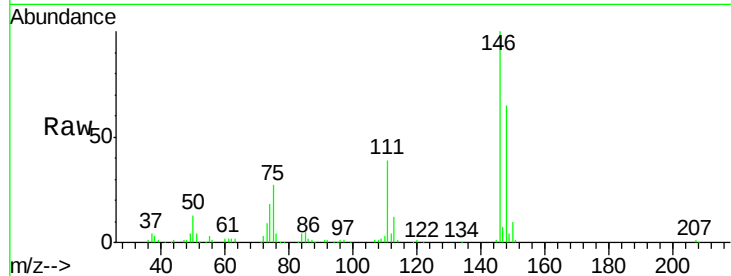
#87
 1,2-Dichlorobenzene
 Concen: 18.726 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN061736.D
 Acq: 10 Jun 2020 14:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0610WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.3	57.9
148	63.8	31.4	94.0

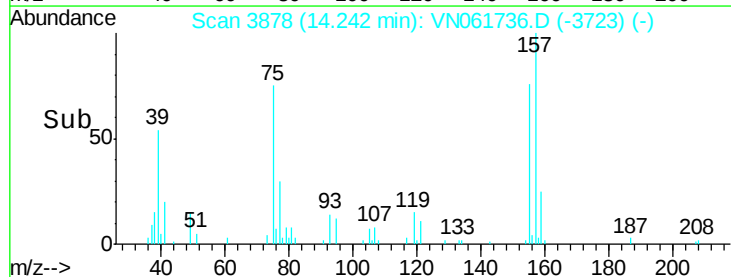
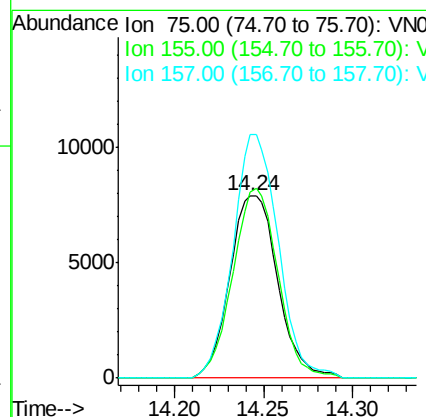
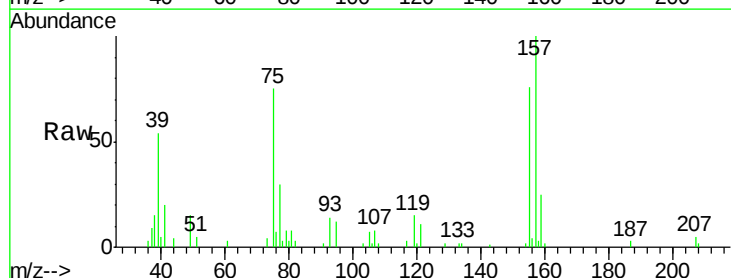
Manual Integrations
 APPROVED

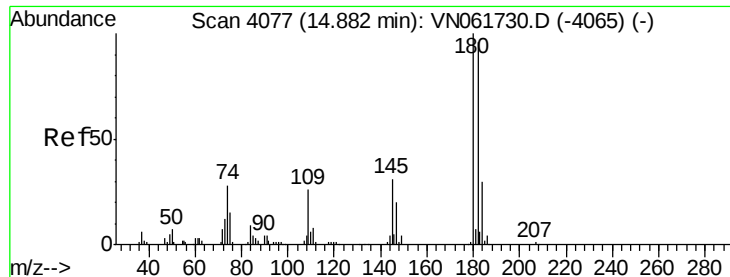
MMDadoda
 6/11/2020 12:44:39 PM



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 18.344 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. -0.00 min
 Lab File: VN061736.D
 Acq: 10 Jun 2020 14:49

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.5	79.6	119.4
157	126.0	100.8	151.2





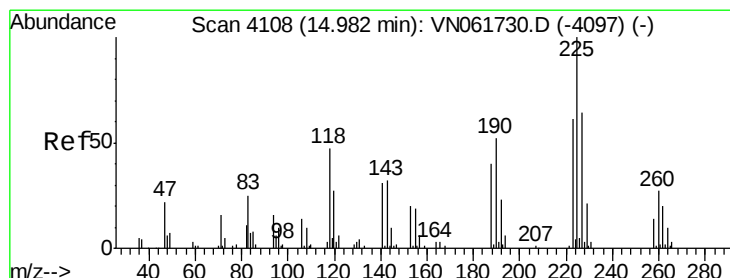
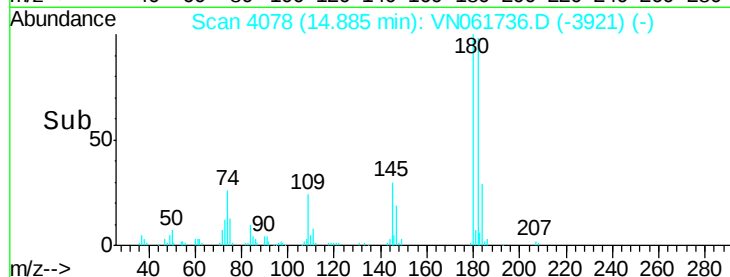
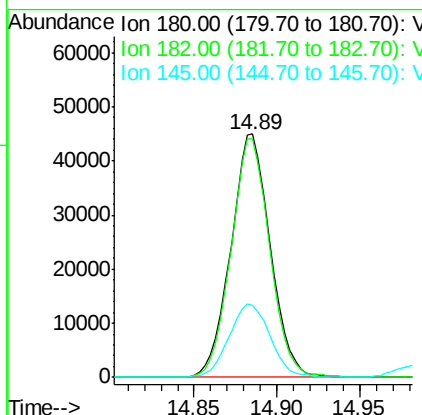
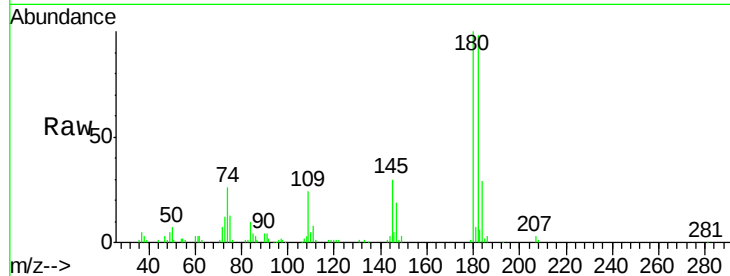
#89
 1,2,4-Trichlorobenzene
 Concen: 16.903 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN061736.D
 Acq: 10 Jun 2020 14:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0610WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.6	75.6	113.4
145	31.4	24.5	36.7

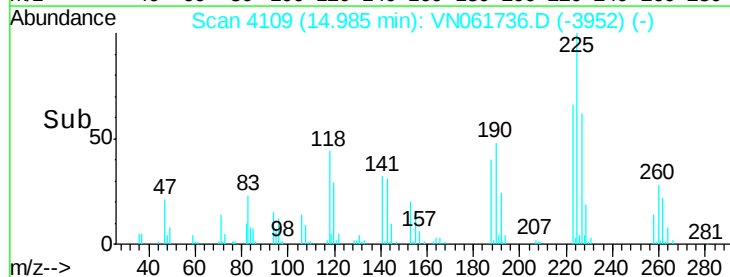
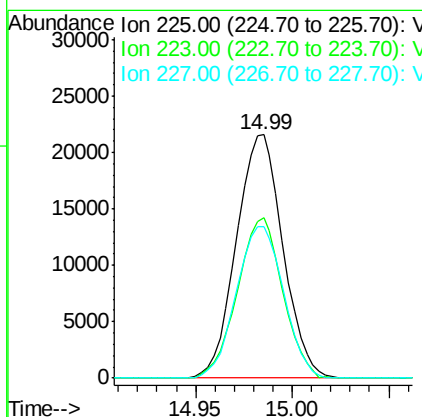
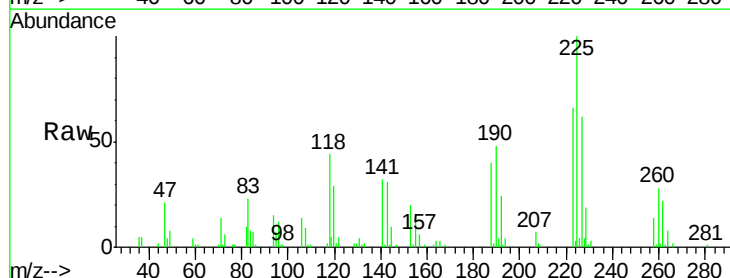
Manual Integrations
 APPROVED

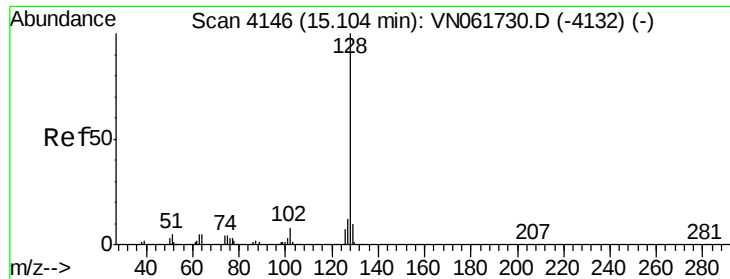
MMDadoda
 6/11/2020 12:44:39 PM



#90
 Hexachlorobutadiene
 Concen: 18.963 ug/l
 RT: 14.99 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN061736.D
 Acq: 10 Jun 2020 14:49

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.0	0.0	121.6
227	63.3	0.0	126.8





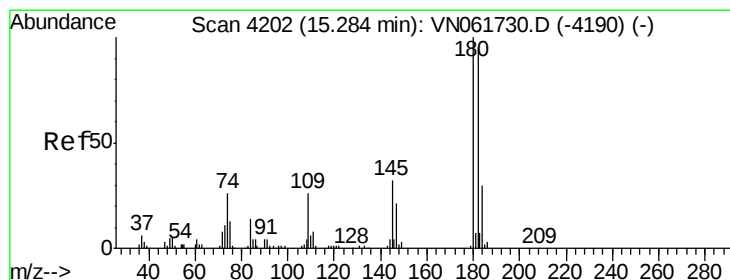
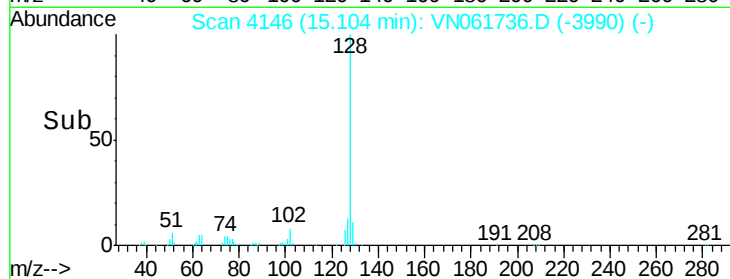
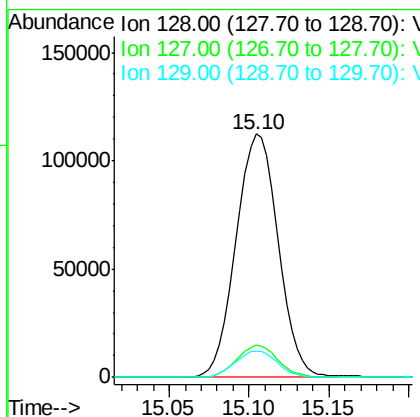
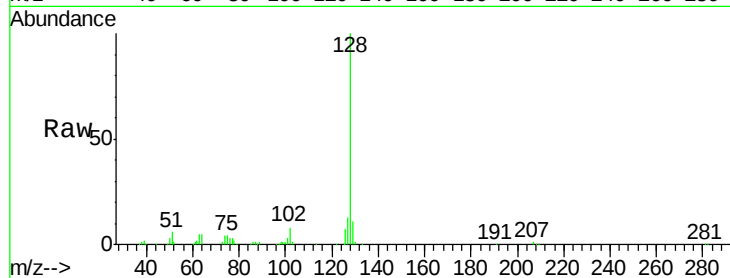
#91
Naphthalene
Concen: 16.657 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN061736.D
Acq: 10 Jun 2020 14:49

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.2
129	10.9	8.6	12.8

Manual Integrations
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#92
1,2,3-Trichlorobenzene
Concen: 17.577 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. 0.00 min
Lab File: VN061736.D
Acq: 10 Jun 2020 14:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	0.0	191.0
145	31.9	0.0	64.6

