

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042820\
 Data File : VN061160.D
 Acq On : 28 Apr 2020 13:45
 Operator : JC/MD
 Sample : VN0428WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0428WBS01

Manual Integrations
 APPROVED

MMDadoda
 4/29/2020 2:58:09 PM

Quant Time: Apr 29 08:30:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 28 02:20:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	115549	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	198940	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	185064	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	88228	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	92595	50.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.28%	
35) Dibromofluoromethane	7.54	113	61140	51.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.94%	
50) Toluene-d8	10.06	98	243553	50.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.58%	
62) 4-Bromofluorobenzene	12.37	95	91260	50.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.14%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.83	85	23889	19.496	ug/l	98
3) Chloromethane	2.03	50	27597	18.596	ug/l	97
4) Vinyl Chloride	2.16	62	30537	18.117	ug/l	99
5) Bromomethane	2.54	94	15639	18.770	ug/l	93
6) Chloroethane	2.67	64	19465	18.220	ug/l	93
7) Trichlorofluoromethane	2.99	101	38321	20.151	ug/l	95
8) Diethyl Ether	3.37	74	15016	18.931	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	23520	19.198	ug/l	99
10) Methyl Iodide	3.91	142	31500	20.007	ug/l	97
11) Tert butyl alcohol	4.73	59	20126	82.174	ug/l	98
12) 1,1-Dichloroethene	3.69	96	22420	18.390	ug/l	99
13) Acrolein	3.56	56	12208	74.797	ug/l	94
14) Allyl chloride	4.27	41	47104	20.838	ug/l	99
15) Acrylonitrile	4.93	53	65062	86.537	ug/l	99
16) Acetone	3.77	43	56098	75.478	ug/l	100
17) Carbon Disulfide	4.01	76	64986	19.297	ug/l	98
18) Methyl Acetate	4.27	43	37346	16.641	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	84856	18.215	ug/l	98
20) Methylene Chloride	4.50	84	26226	18.396	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	25534	19.234	ug/l	96
22) Diisopropyl ether	5.90	45	96536	18.416	ug/l	95
23) Vinyl Acetate	5.84	43	382741	90.682	ug/l	100
24) 1,1-Dichloroethane	5.80	63	51011	18.625	ug/l	98
25) 2-Butanone	6.78	43	89231	82.477	ug/l	99
26) 2,2-Dichloropropane	6.77	77	46413	20.120	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	28869	18.531	ug/l	98
28) Bromochloromethane	7.15	49	25369	19.543	ug/l	99
29) Tetrahydrofuran	7.16	42	61702	84.664	ug/l	99
30) Chloroform	7.33	83	50432	18.171	ug/l	99
31) Cyclohexane	7.61	56	49171	18.487	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	44613	18.459	ug/l	100
36) 1,1-Dichloropropene	7.75	75	38050	19.106	ug/l	100
37) Ethyl Acetate	6.88	43	39860	17.073	ug/l	100
38) Carbon Tetrachloride	7.73	117	30840	19.365	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Tue Apr 28 02:20:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	43554	19.268	ug/l	99
40) Benzene	8.00	78	109660	18.483	ug/l	99
41) Methacrylonitrile	7.12	41	16963	17.499	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	42936	19.102	ug/l	99
43) Isopropyl Acetate	8.12	43	68399	17.653	ug/l	99
44) Trichloroethene	8.80	130	29229	18.224	ug/l	100
45) 1,2-Dichloropropane	9.09	63	28996	18.293	ug/l	99
46) Dibromomethane	9.17	93	18554	18.905	ug/l	99
47) Bromodichloromethane	9.37	83	39813	18.900	ug/l	100
48) Methyl methacrylate	9.17	41	30319	17.341	ug/l	96
49) 1,4-Dioxane	9.16	88	7195	362.522	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	196991	86.373	ug/l	100
52) Toluene	10.12	92	66772	18.684	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	44625	18.800	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	47073	18.759	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	26043	18.270	ug/l	97
56) Ethyl methacrylate	10.40	69	39241	17.663	ug/l	99
57) 1,3-Dichloropropane	10.68	76	46927	18.729	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	99487	86.224	ug/l	100
59) 2-Hexanone	10.72	43	143163	86.282	ug/l	100
60) Dibromochloromethane	10.87	129	27532	18.442	ug/l	99
61) 1,2-Dibromoethane	10.98	107	26308	18.414	ug/l	100
64) Tetrachloroethene	10.60	164	29472	18.387	ug/l	99
65) Chlorobenzene	11.41	112	68863	18.758	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	24860	18.921	ug/l	99
67) Ethyl Benzene	11.48	91	130724	19.022	ug/l	99
68) m/p-Xylenes	11.59	106	95301	37.887	ug/l	98
69) o-Xylene	11.92	106	44867	18.569	ug/l	96
70) Styrene	11.94	104	74998	18.545	ug/l	99
71) Bromoform	12.10	173	17359	17.977	ug/l #	98
73) Isopropylbenzene	12.22	105	124097	19.133	ug/l	99
74) N-amyl acetate	12.04	43	58137	17.701	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	36979	18.284	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	35474m	19.071	ug/l	
77) Bromobenzene	12.50	156	28580	19.088	ug/l	98
78) n-propylbenzene	12.56	91	147587	19.184	ug/l	99
79) 2-Chlorotoluene	12.65	91	86344	19.095	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	103899	19.354	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	12972	17.710	ug/l	98
82) 4-Chlorotoluene	12.75	91	89681	18.817	ug/l	99
83) tert-Butylbenzene	12.97	119	86763	19.168	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	105544	19.083	ug/l	100
85) sec-Butylbenzene	13.15	105	118759	19.243	ug/l	100
86) p-Isopropyltoluene	13.26	119	107261	19.290	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	51786	18.788	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	52593	18.675	ug/l	98
89) n-Butylbenzene	13.59	91	99356	19.491	ug/l	100
90) Hexachloroethane	13.85	117	9102	20.926	ug/l	94
91) 1,2-Dichlorobenzene	13.63	146	50120	18.964	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	7491	17.538	ug/l	100

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Instrument :
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ClientSampleId :
VN0428WBS01

Manual Integrations
APPROVED

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Quant Time: Apr 29 08:30:44 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 28 02:20:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	30762	19.114	ug/l	100
94) Hexachlorobutadiene	14.99	225	14191	21.107	ug/l	94
95) Naphthalene	15.10	128	91068	17.375	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	29093	18.310	ug/l	99

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

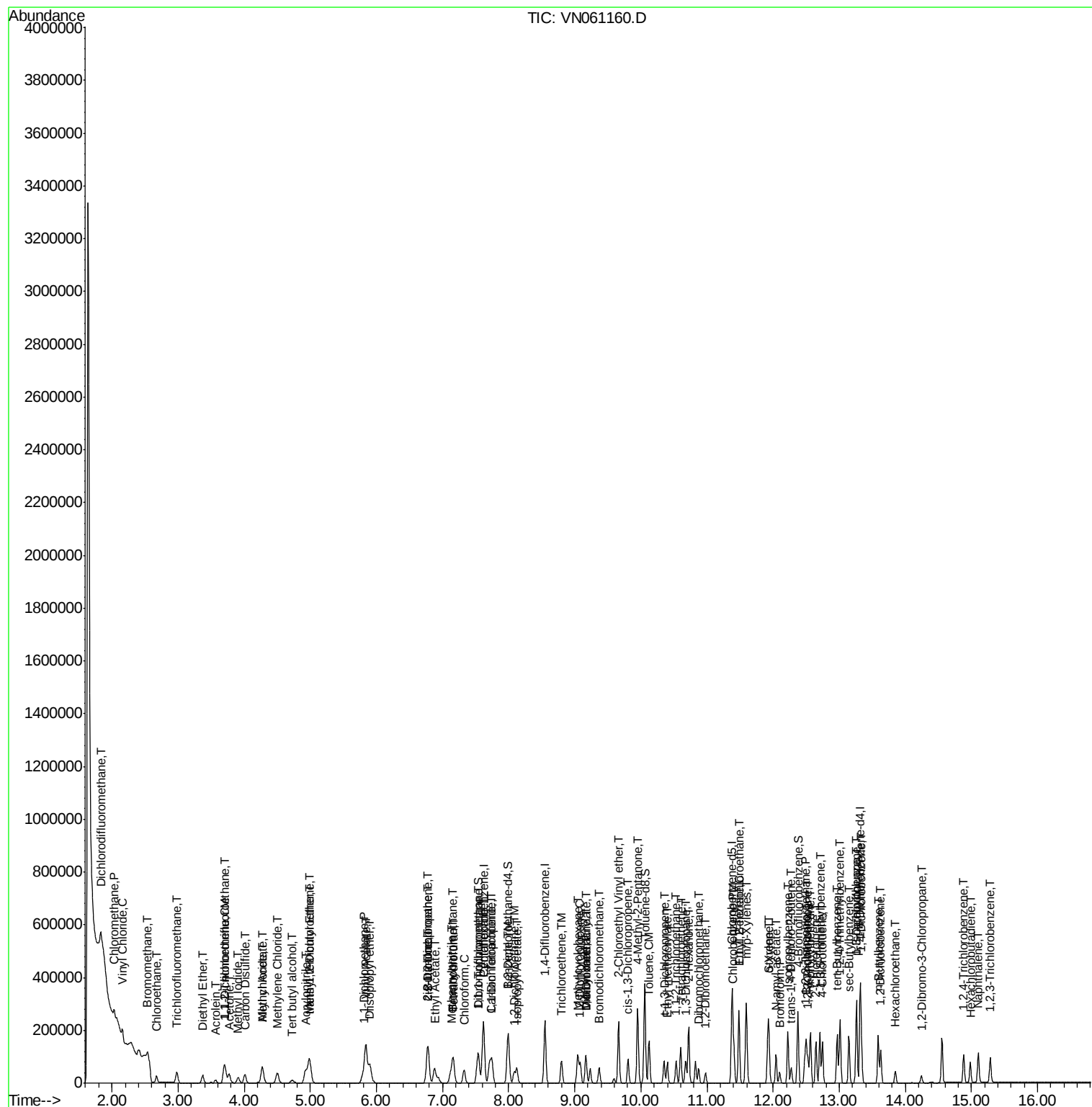
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 Data File : VN061160.D
 Acq On : 28 Apr 2020 13:45
 Operator : JC/MD
 Sample : VN0428WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

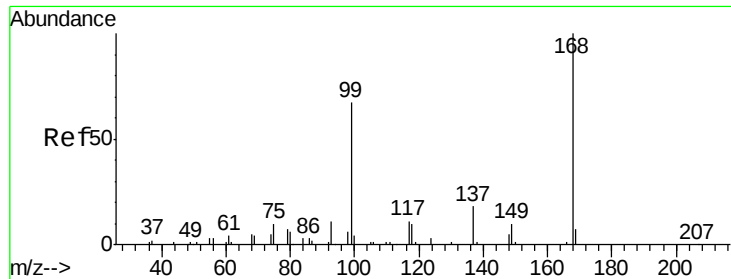
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0428WBS01

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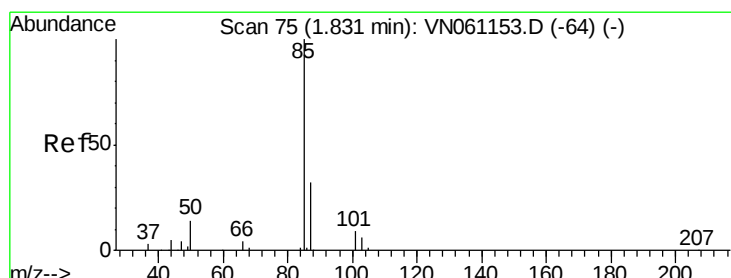
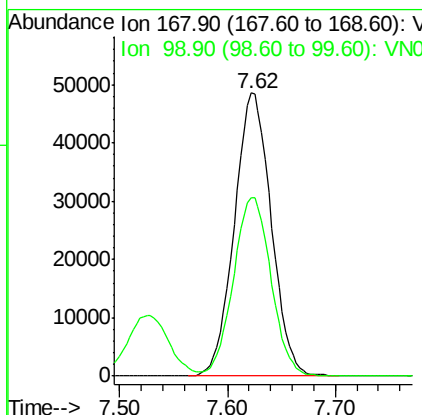
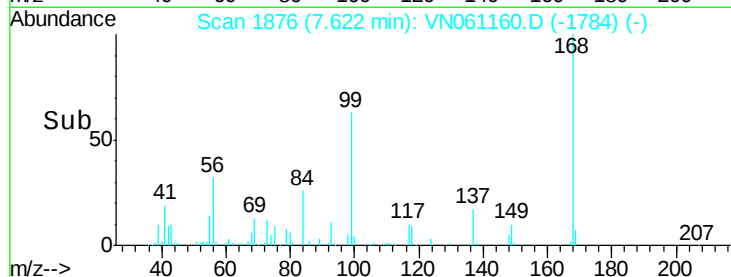
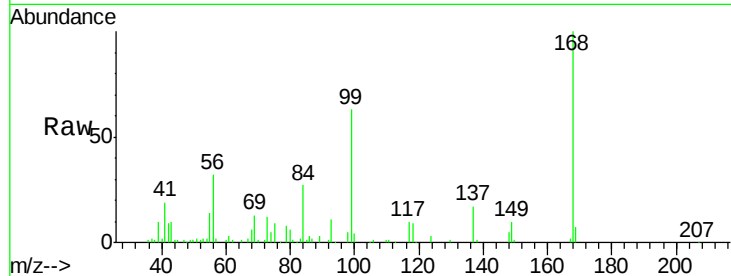
#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.62 min Scan# 1876
 Delta R.T. -0.00 min
 Lab File: VN061160.D
 Acq: 28 Apr 2020 13:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0428WBS01

Tot Ion: 168 Resp: 115549
 Ion Ratio Lower Upper
 168 100
 99 63.2 51.2 76.8

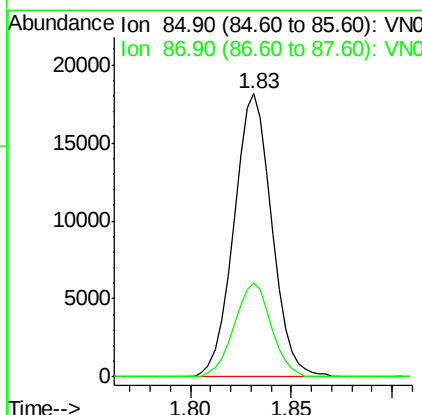
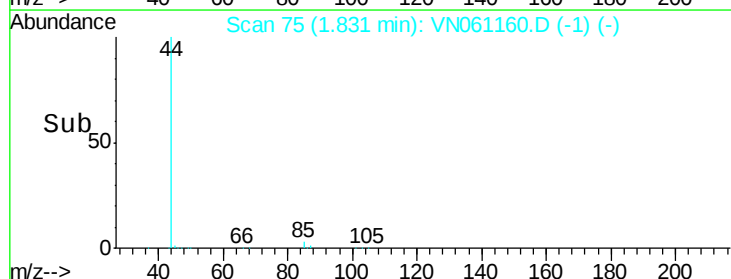
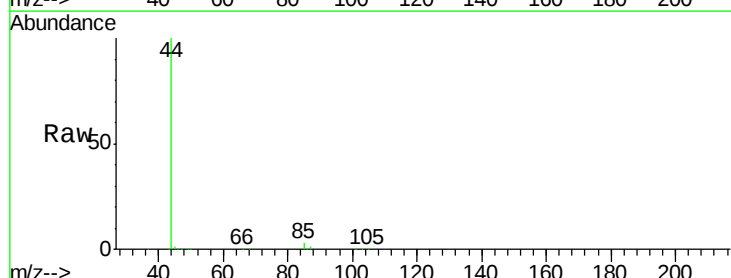
Manual Integrations
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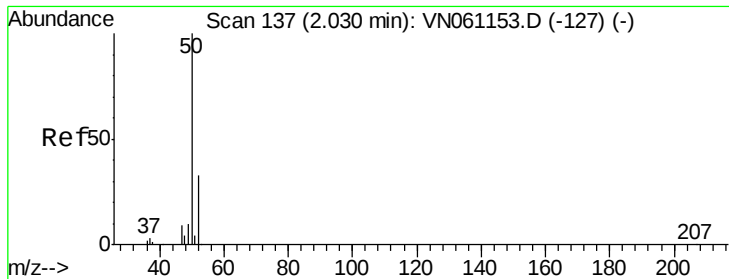
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#2
 Dichlorodifluoromethane
 Concen: 19.496 ug/l
 RT: 1.83 min Scan# 75
 Delta R.T. 0.00 min
 Lab File: VN061160.D
 Acq: 28 Apr 2020 13:45

Tgt Ion: 85 Resp: 23889
 Ion Ratio Lower Upper
 85 100
 87 33.3 16.1 48.2





#3

Chloromethane

Concen: 18.596 ug/l

RT: 2.03 min Scan# 137

Delta R.T. 0.00 min

Lab File: VN061160.D

Acq: 28 Apr 2020 13:45

Instrument :

MSVOA_N

ClientSampleId :

VN0428WBS01

Tot Ion: 50 Resp: 27597

Ion Ratio Lower Upper

50 100

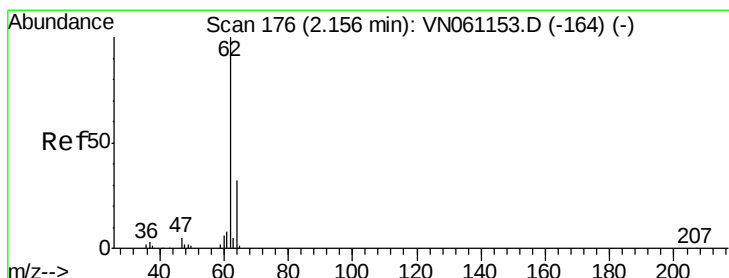
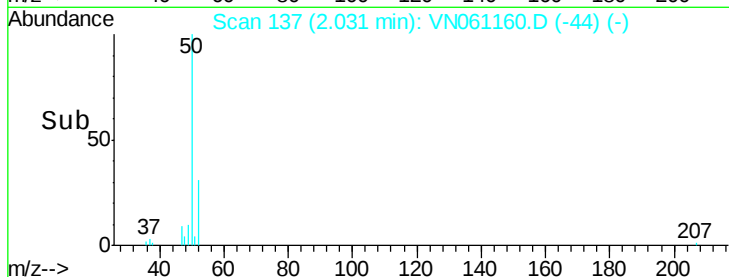
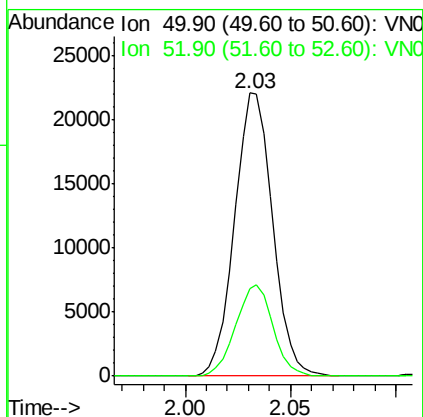
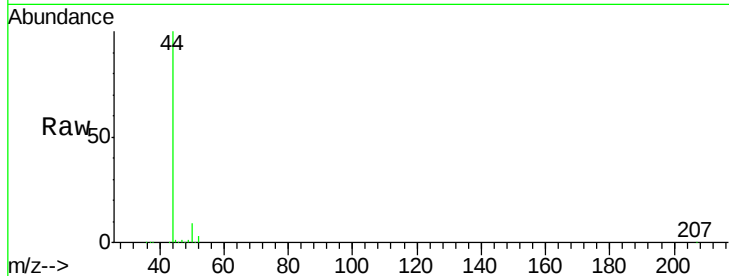
52 31.0 26.0 39.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.117 ug/l

RT: 2.16 min Scan# 177

Delta R.T. 0.00 min

Lab File: VN061160.D

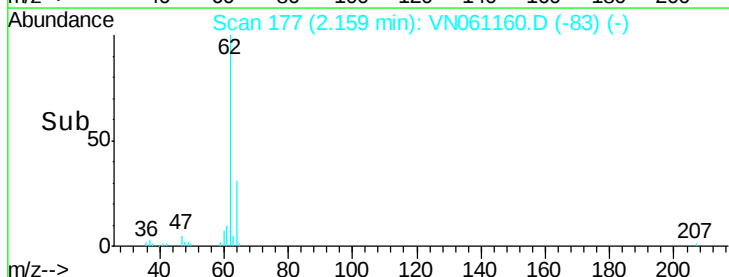
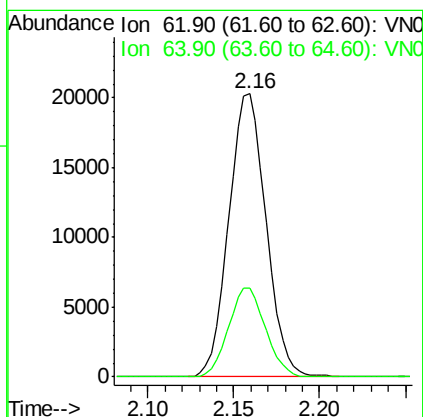
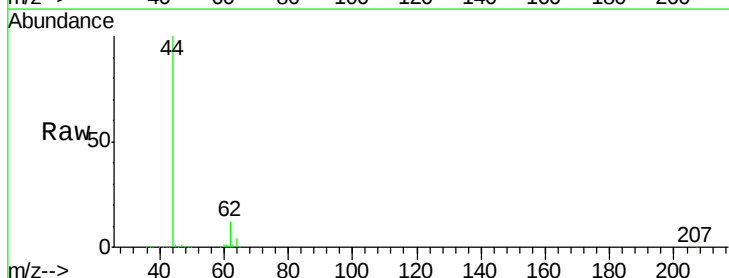
Acq: 28 Apr 2020 13:45

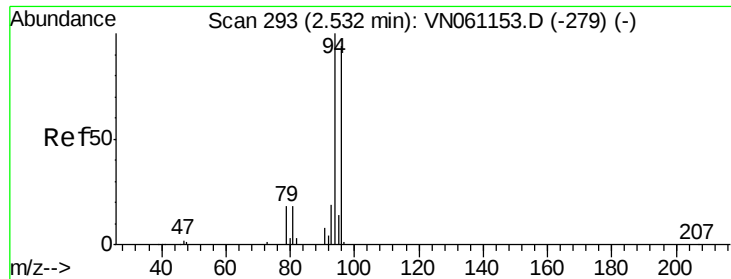
Tgt Ion: 62 Resp: 30537

Ion Ratio Lower Upper

62 100

64 31.2 25.2 37.8





#5

Bromomethane

Concen: 18.770 ug/l

RT: 2.54 min Scan# 296

Delta R.T. 0.01 min

Lab File: VN061160.D

Acq: 28 Apr 2020 13:45

Instrument :

MSVOA_N

ClientSampleId :

VN0428WBS01

Tot Ion: 94 Resp: 15639

Ion Ratio Lower Upper

94 100

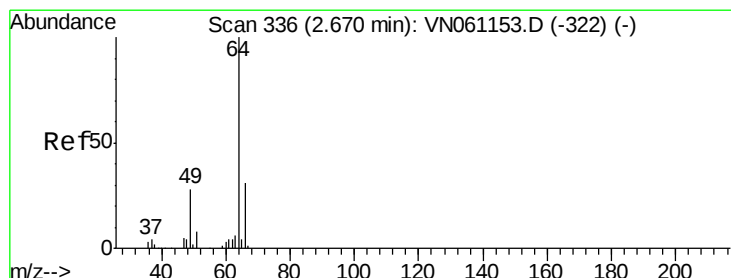
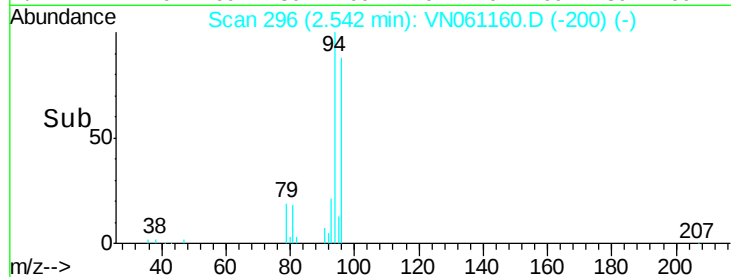
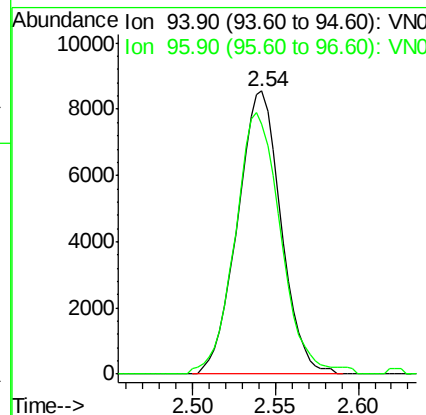
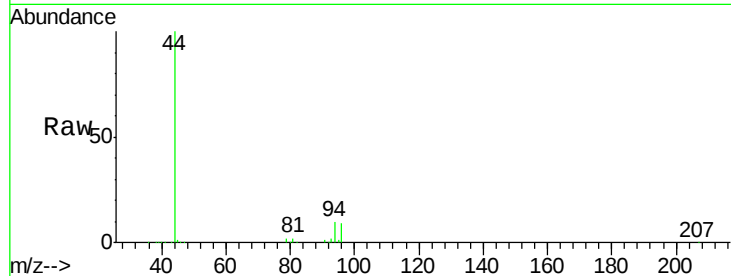
96 86.7 75.1 112.7

Manual Integrations

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#6

Chloroethane

Concen: 18.220 ug/l

RT: 2.67 min Scan# 337

Delta R.T. 0.00 min

Lab File: VN061160.D

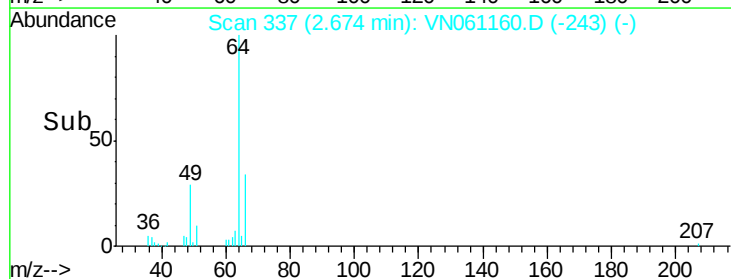
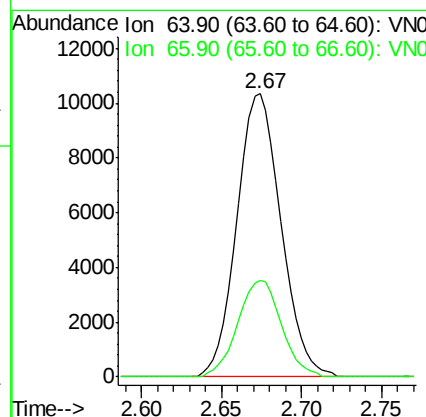
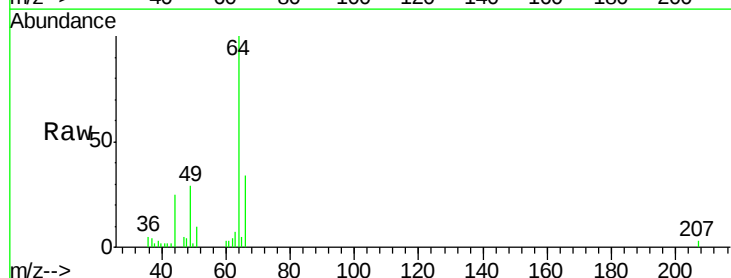
Acq: 28 Apr 2020 13:45

Tgt Ion: 64 Resp: 19465

Ion Ratio Lower Upper

64 100

66 34.3 24.6 36.8





#7

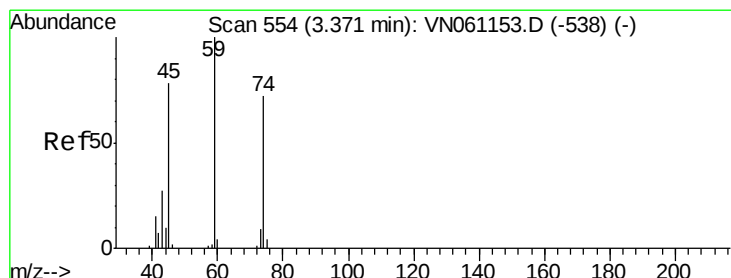
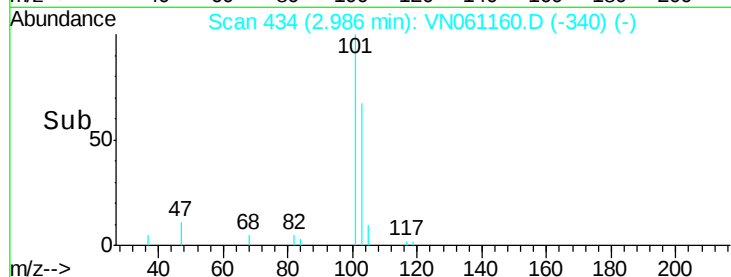
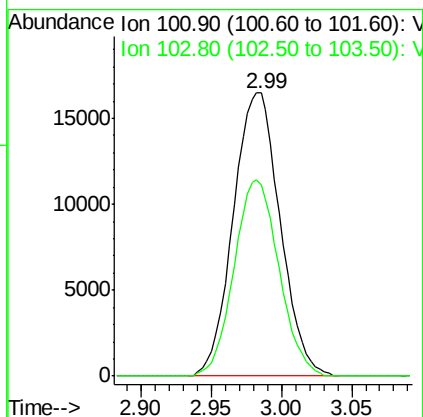
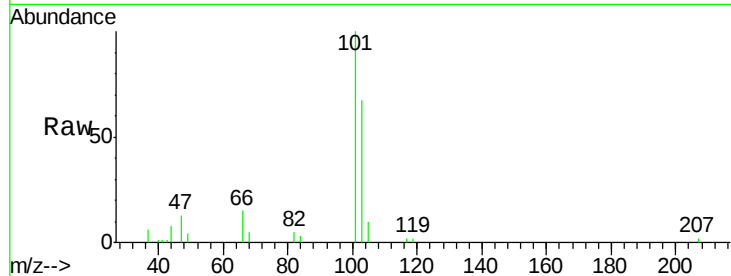
Trichlorofluoromethane
Concen: 20.151 ug/l
RT: 2.99 min Scan# 434
Delta R.T. 0.00 min
Lab File: VN061160.D
Acq: 28 Apr 2020 13:45

Instrument :
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ClientSampleId :
VN0428WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	67.4	50.6	76.0

Manual Integrations
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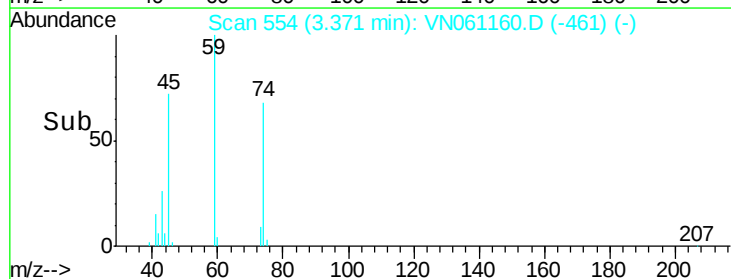
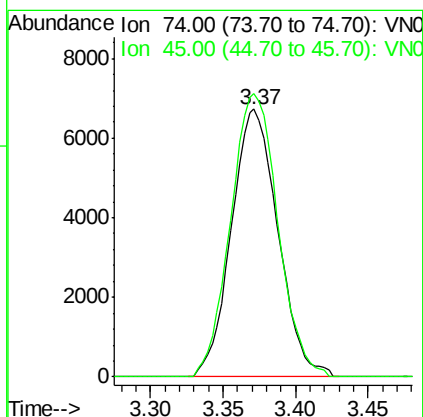
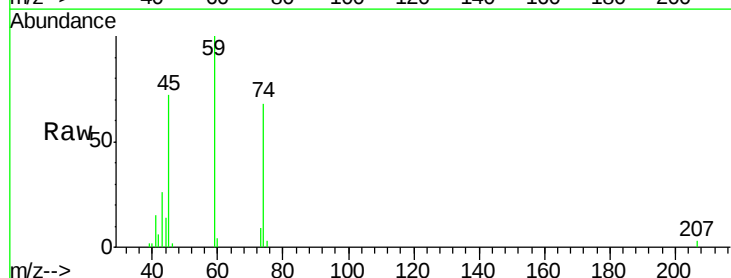
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#8

Diethyl Ether
Concen: 18.931 ug/l
RT: 3.37 min Scan# 554
Delta R.T. 0.00 min
Lab File: VN061160.D
Acq: 28 Apr 2020 13:45

Tgt Ion	Ratio	Lower	Upper
74	100		
45	107.8	53.3	160.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.198 ug/l

RT: 3.72 min Scan# 661

Delta R.T. 0.00 min

Lab File: VN061160.D

Acq: 28 Apr 2020 13:45

Instrument :

MSVOA_N

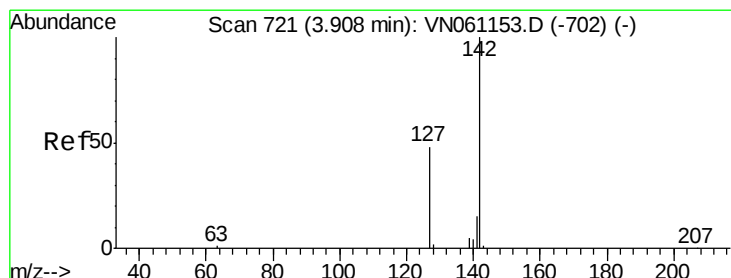
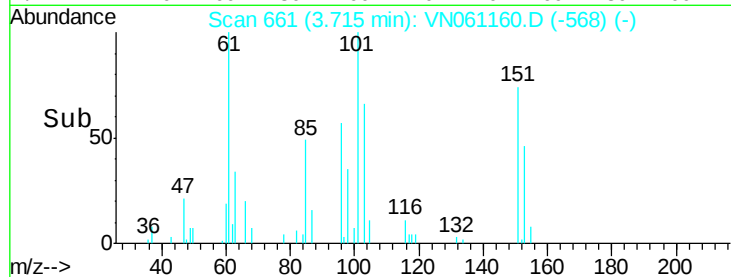
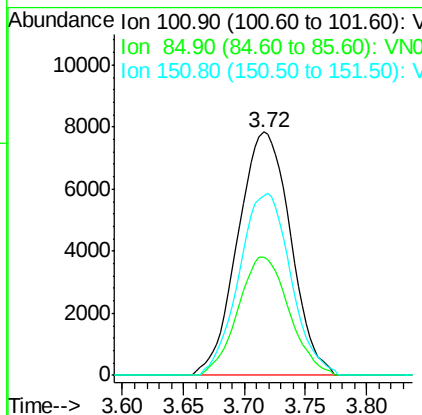
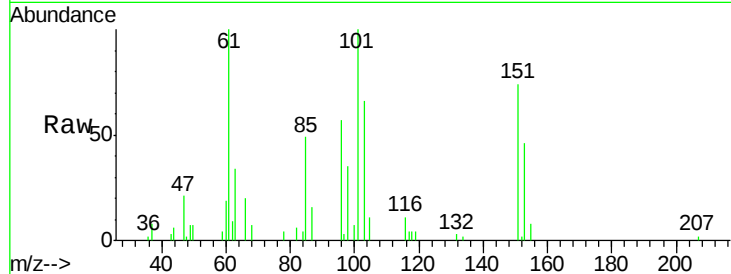
ClientSampleId :

VN0428WBS01

Tot Ion:	101	Resp:	23520
Ion Ratio	Lower	Upper	
101	100		
85	47.1	37.2	55.8
151	73.4	57.7	86.5

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#10

Methyl Iodide

Concen: 20.007 ug/l

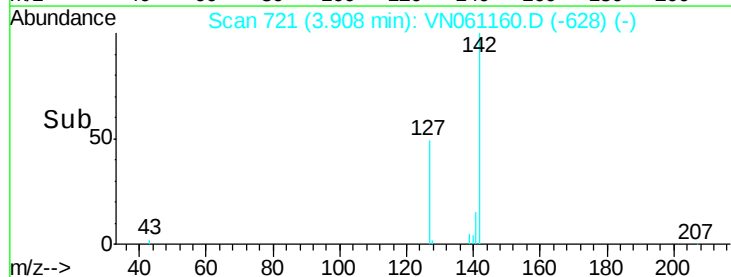
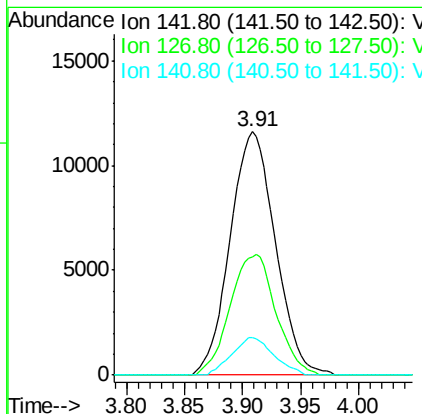
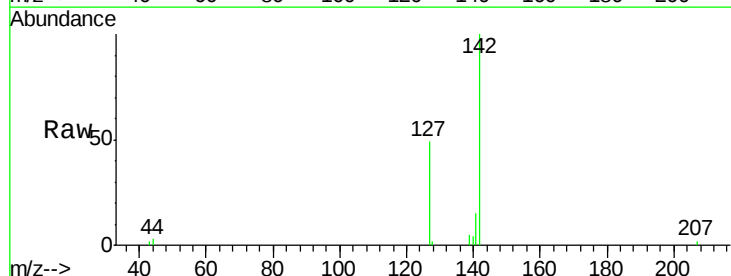
RT: 3.91 min Scan# 721

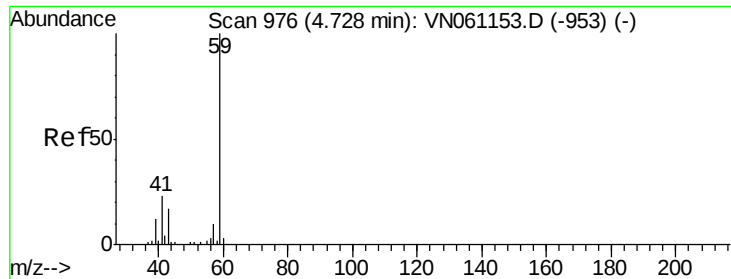
Delta R.T. 0.00 min

Lab File: VN061160.D

Acq: 28 Apr 2020 13:45

Tgt Ion:	142	Resp:	31500
Ion Ratio	Lower	Upper	
142	100		
127	50.2	38.0	57.0
141	14.3	11.7	17.5





#11

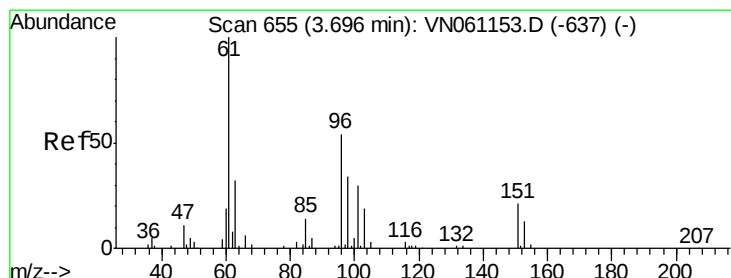
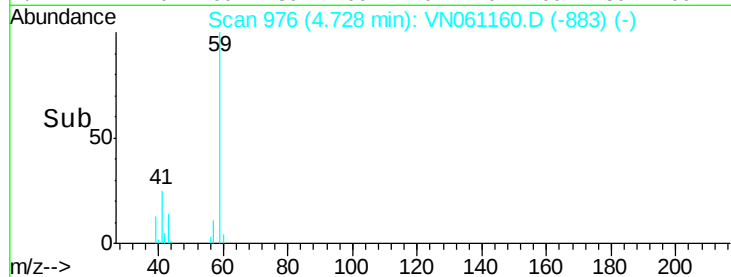
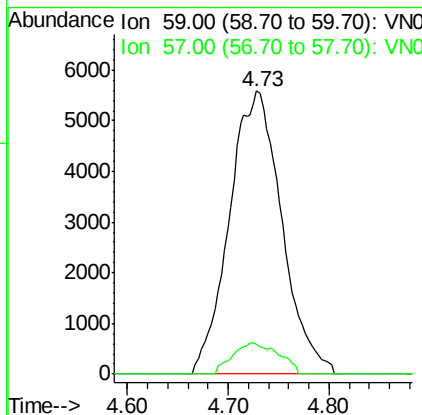
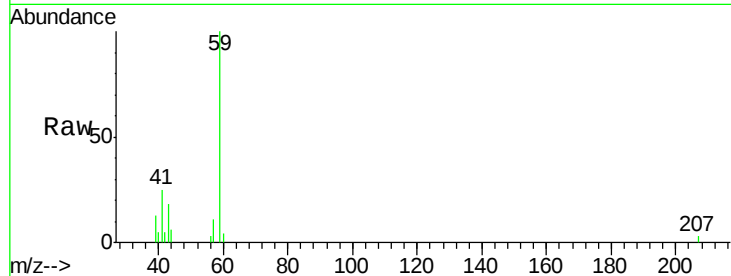
Tert butyl alcohol
Concen: 82.174 ug/l
RT: 4.73 min Scan# 976
Delta R.T. 0.00 min
Lab File: VN061160.D
Acq: 28 Apr 2020 13:45

Instrument :
MSVOA_N
ClientSampleId :
VN0428WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.8	8.3	12.5

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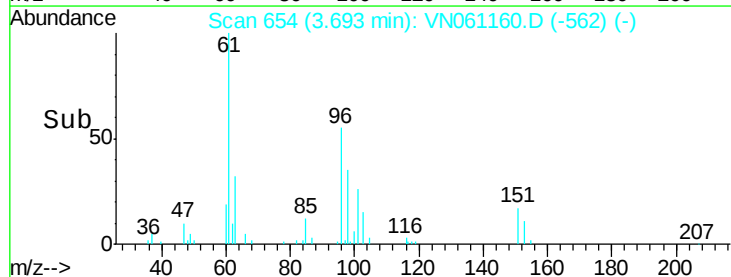
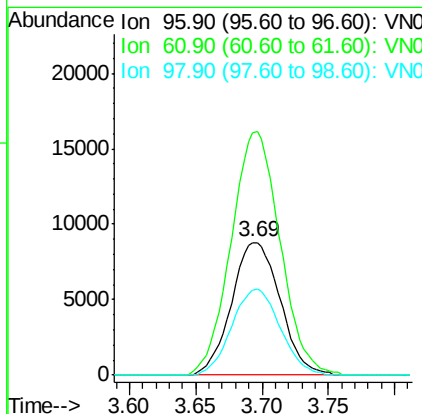
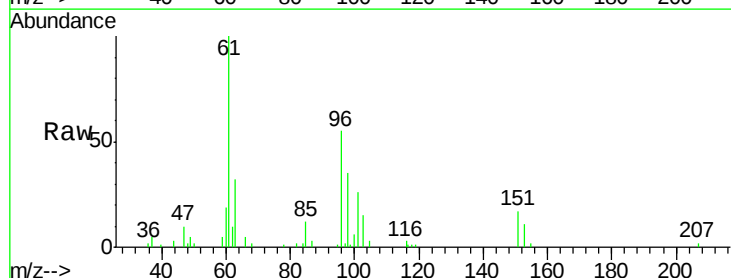
MMDadoda
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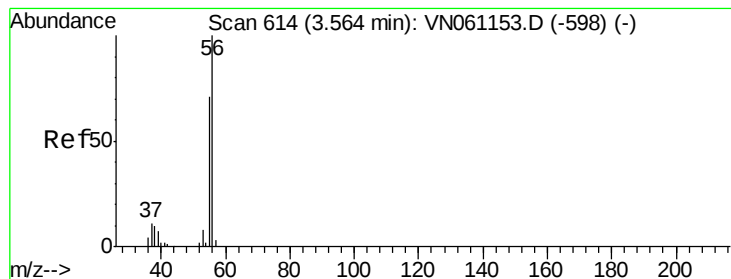


#12

1,1-Dichloroethene
Concen: 18.390 ug/l
RT: 3.69 min Scan# 654
Delta R.T. -0.00 min
Lab File: VN061160.D
Acq: 28 Apr 2020 13:45

Tgt Ion	Ratio	Lower	Upper
96	100		
61	182.6	147.0	220.6
98	64.0	49.8	74.6





#13

Acrolein

Concen: 74.797 ug/l

RT: 3.56 min Scan# 614

Delta R.T. 0.00 min

Lab File: VN061160.D

Acq: 28 Apr 2020 13:45

Instrument :

MSVOA_N

ClientSampleId :

VN0428WBS01

Tot Ion: 56 Resp: 12208

Ion Ratio Lower Upper

56 100

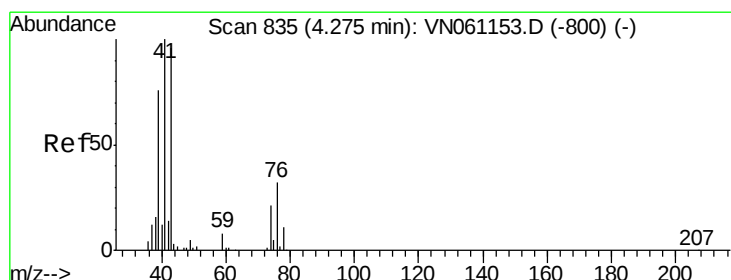
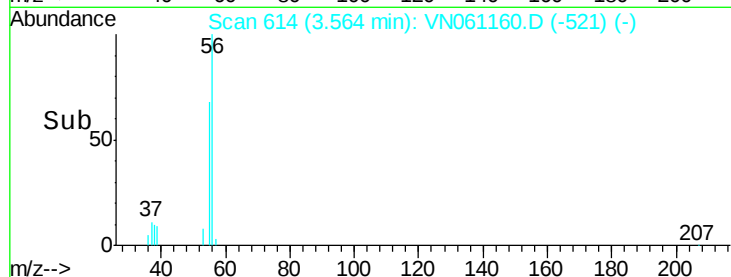
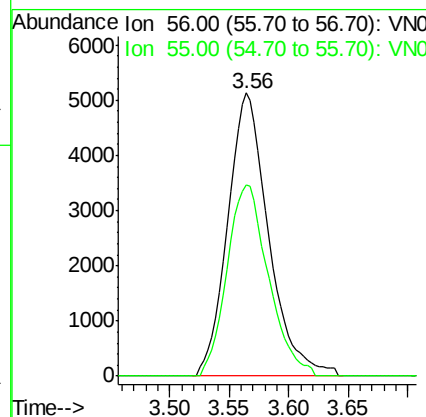
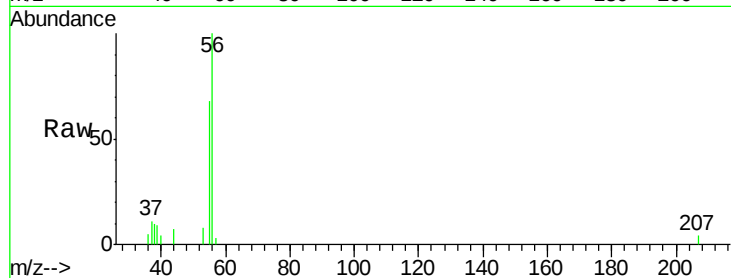
55 68.4 58.5 87.7

Manual Integrations

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#14

Allyl chloride

Concen: 20.838 ug/l

RT: 4.27 min Scan# 835

Delta R.T. 0.00 min

Lab File: VN061160.D

Acq: 28 Apr 2020 13:45

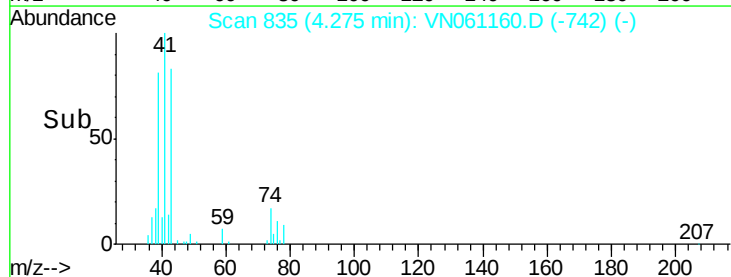
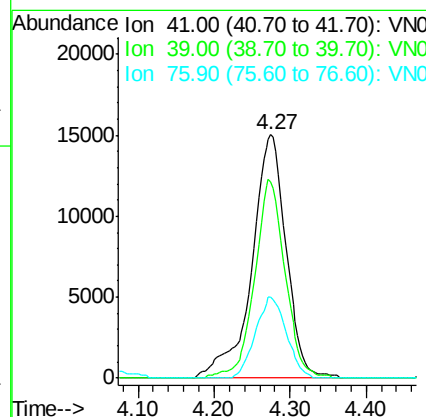
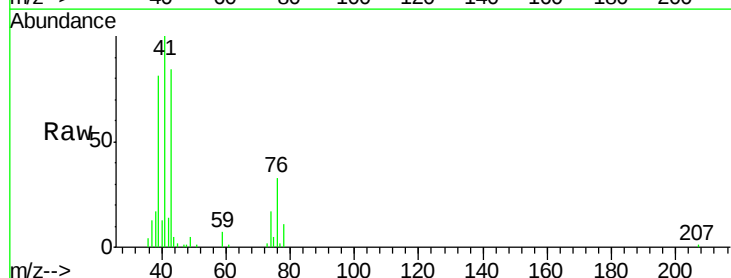
Tgt Ion: 41 Resp: 47104

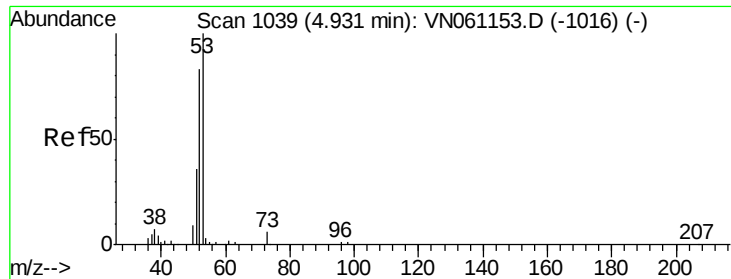
Ion Ratio Lower Upper

41 100

39 72.7 57.1 85.7

76 30.0 24.3 36.5





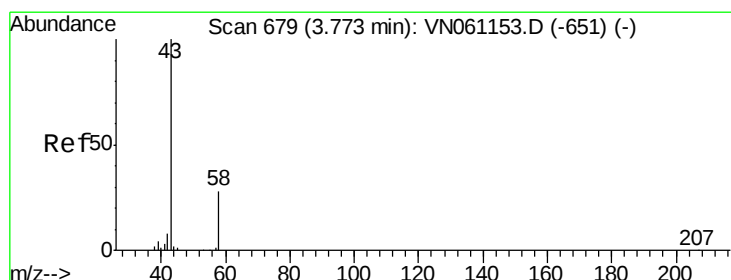
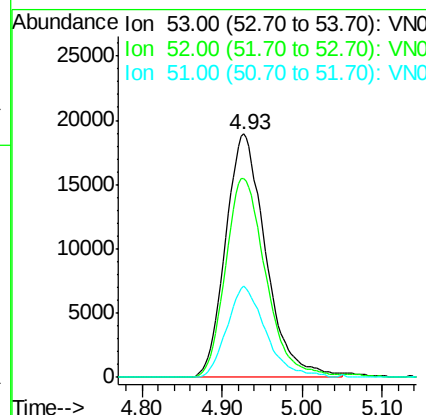
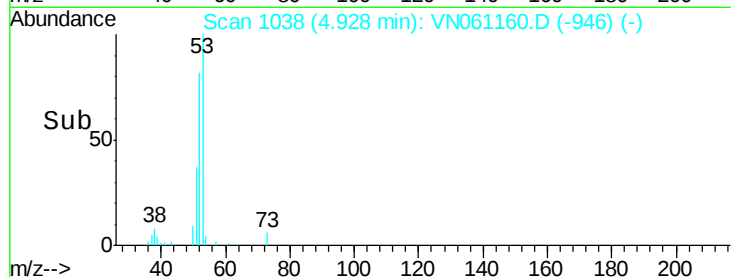
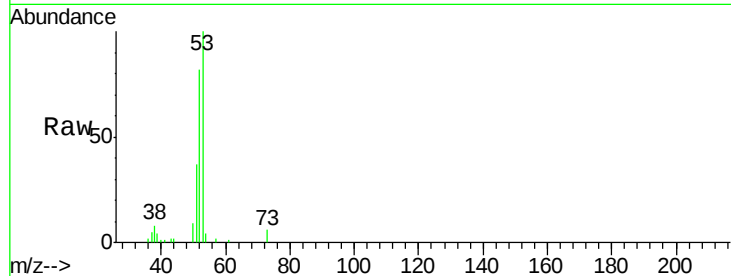
#15
 Acrylonitrile
 Concen: 86.537 ug/l
 RT: 4.93 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: VN061160.D
 Acq: 28 Apr 2020 13:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0428WBS01

Tot Ion:	53	Resp:	65062
Ion Ratio	Lower	Upper	
53	100		
52	81.5	65.4	98.0
51	36.0	29.5	44.3

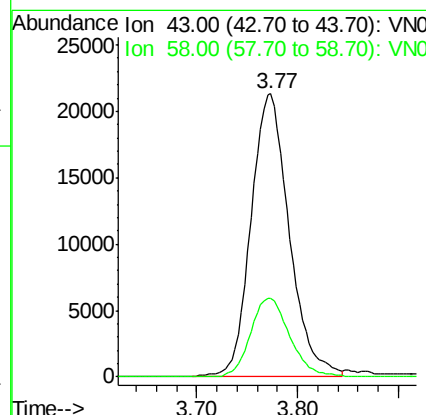
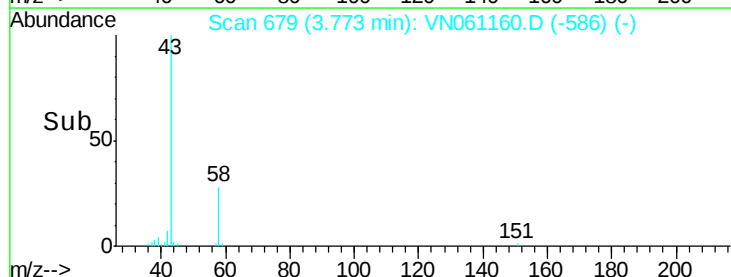
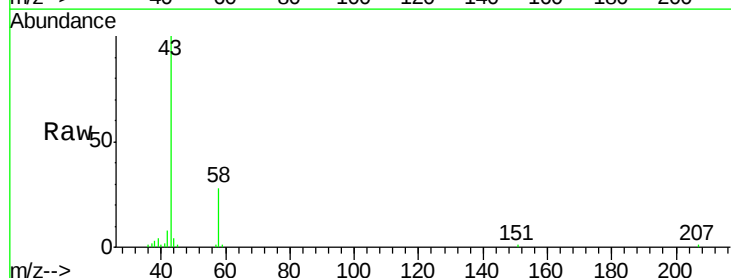
Manual Integrations
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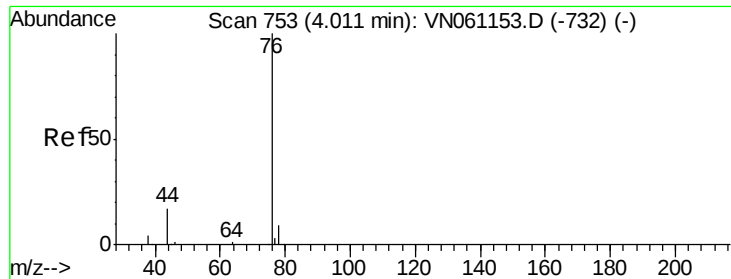
MMDadoda
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#16
 Acetone
 Concen: 75.478 ug/l
 RT: 3.77 min Scan# 679
 Delta R.T. 0.00 min
 Lab File: VN061160.D
 Acq: 28 Apr 2020 13:45

Tgt Ion:	43	Resp:	56098
Ion Ratio	Lower	Upper	
43	100		
58	27.6	22.2	33.2





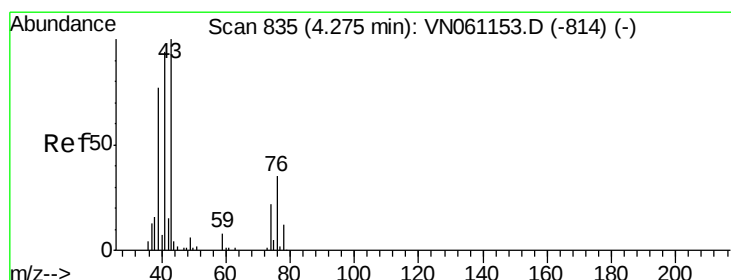
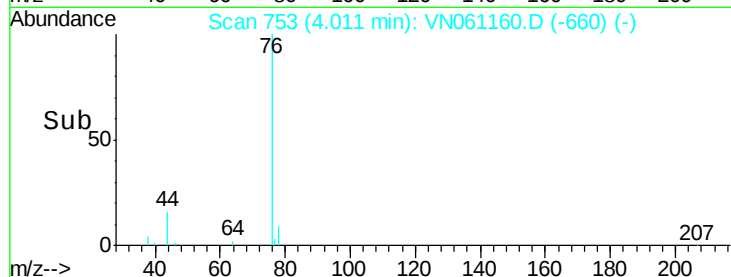
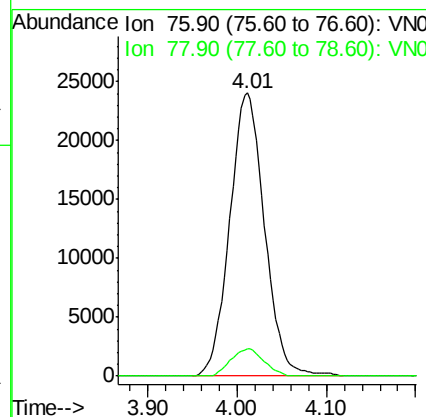
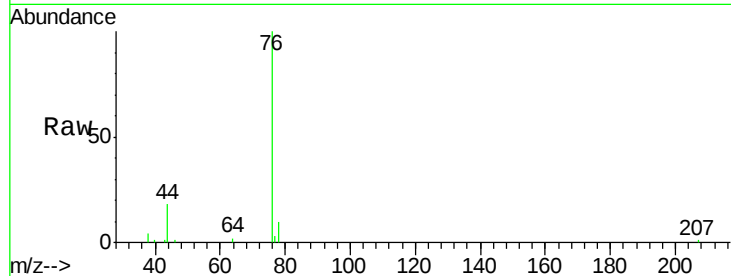
#17
Carbon Disulfide
Concen: 19.297 ug/l
RT: 4.01 min Scan# 753
Delta R.T. 0.00 min
Lab File: VN061160.D
Acq: 28 Apr 2020 13:45

Instrument :
MSVOA_N
ClientSampleId :
VN0428WBS01

Tot Ion: 76 Resp: 64986
Ion Ratio Lower Upper
76 100
78 9.7 7.2 10.8

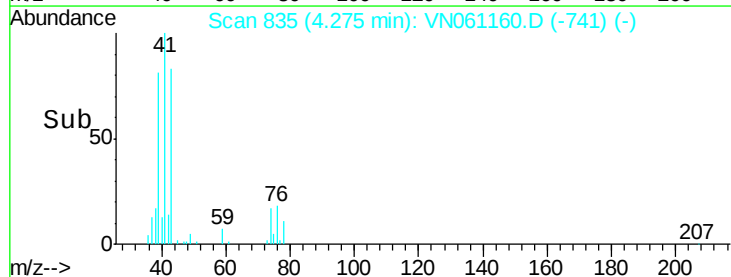
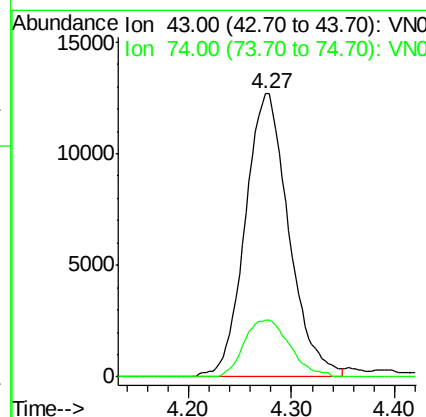
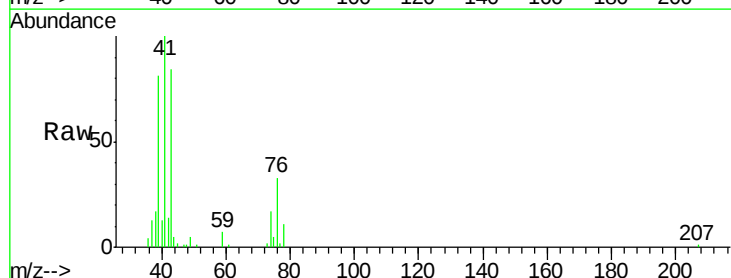
Manual Integrations
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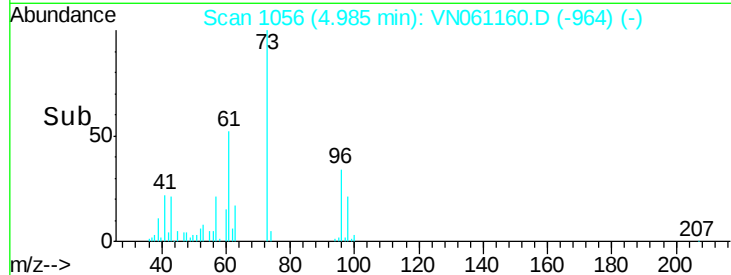
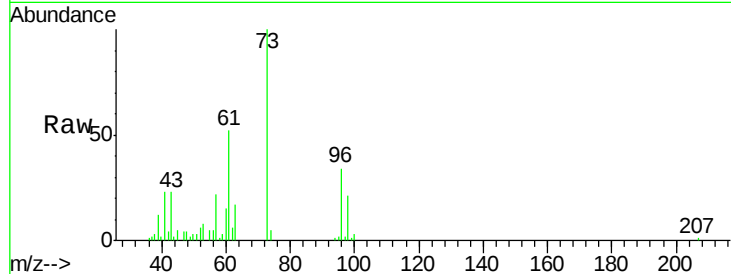
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#18
Methyl Acetate
Concen: 16.641 ug/l
RT: 4.27 min Scan# 835
Delta R.T. 0.00 min
Lab File: VN061160.D
Acq: 28 Apr 2020 13:45

Tgt Ion: 43 Resp: 37346
Ion Ratio Lower Upper
43 100
74 21.2 17.0 25.4





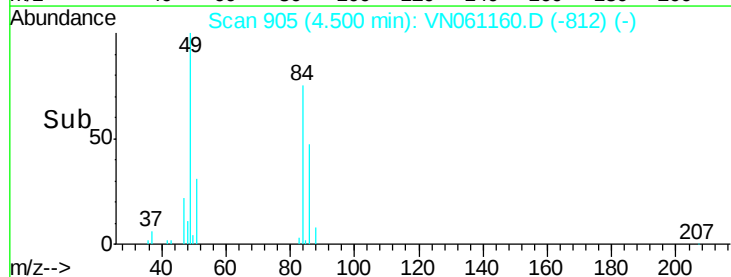
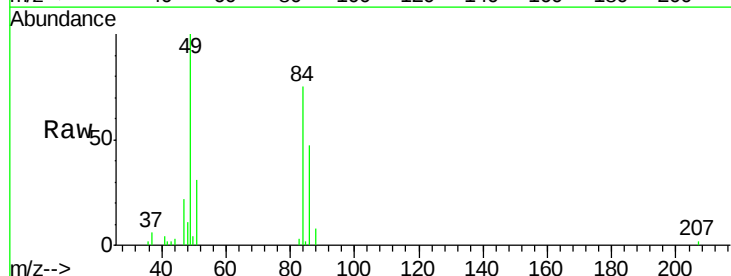
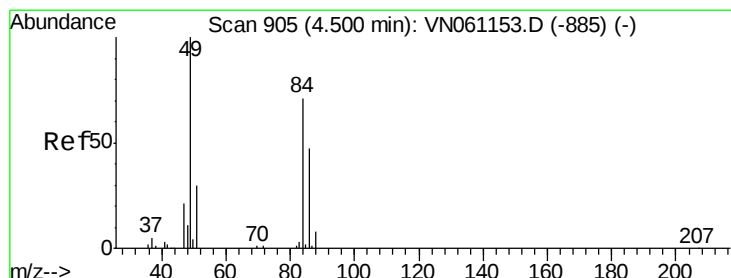
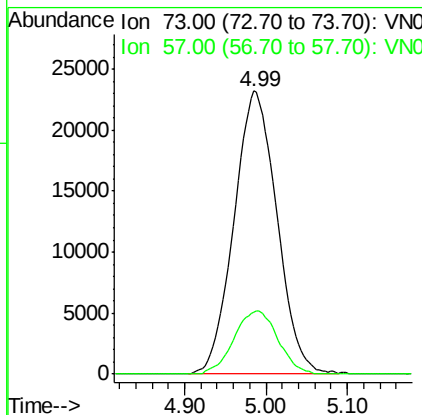
#19
Methyl tert-butyl Ether
Concen: 18.215 ug/l
RT: 4.99 min Scan# 1056
Delta R.T. -0.00 min
Lab File: VN061160.D
Acq: 28 Apr 2020 13:45

Tot Ion: 73 Resp: 84856
Ion Ratio Lower Upper
73 100
57 21.9 18.3 27.5

Instrument :
MSVOA_N
ClientSampleId :
VN0428WBS01

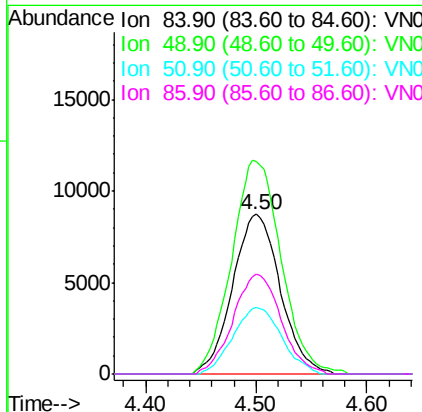
Manual Integrations
APPROVED

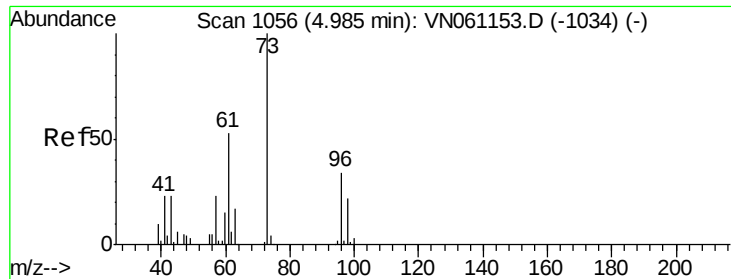
MMDadoda
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#20
Methylene Chloride
Concen: 18.396 ug/l
RT: 4.50 min Scan# 905
Delta R.T. 0.00 min
Lab File: VN061160.D
Acq: 28 Apr 2020 13:45

Tgt Ion: 84 Resp: 26226
Ion Ratio Lower Upper
84 100
49 133.4 112.0 168.0
51 41.6 33.6 50.4
86 62.5 52.1 78.1





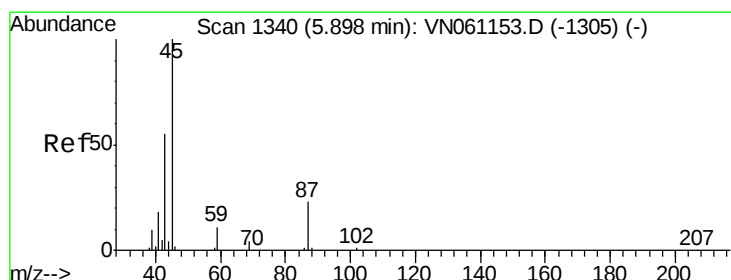
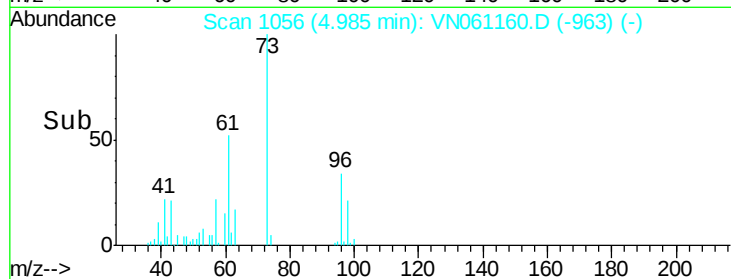
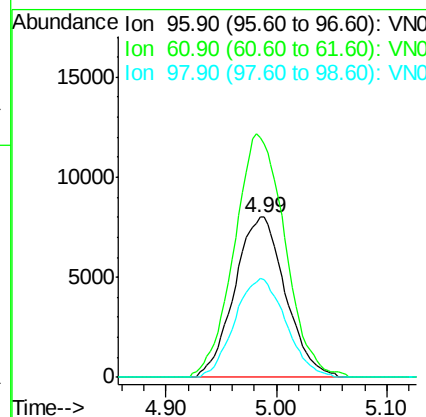
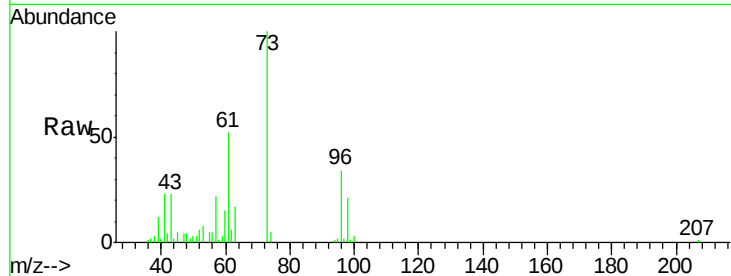
#21
trans-1,2-Dichloroethene
Concen: 19.234 ug/l
RT: 4.99 min Scan# 1056
Delta R.T. 0.00 min
Lab File: VN061160.D
Acq: 28 Apr 2020 13:45

Instrument :
MSVOA_N
ClientSampleId :
VN0428WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	147.7	123.0	184.4
98	61.8	50.1	75.1

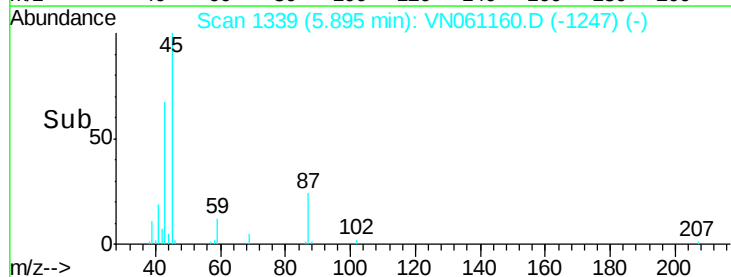
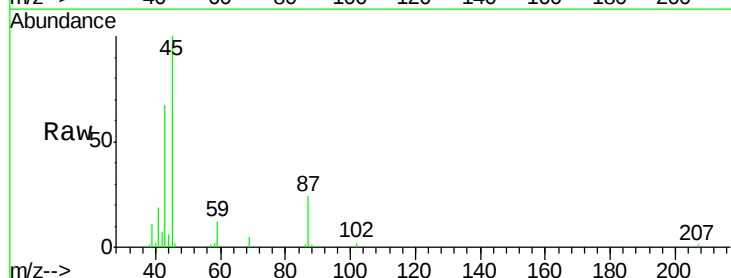
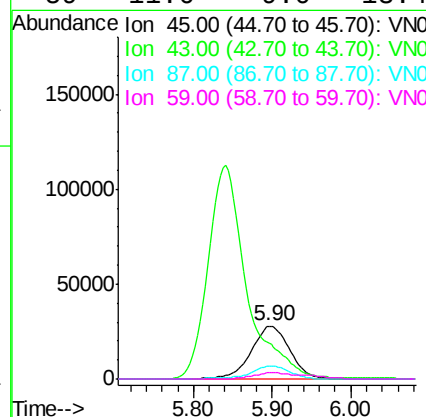
Manual Integrations
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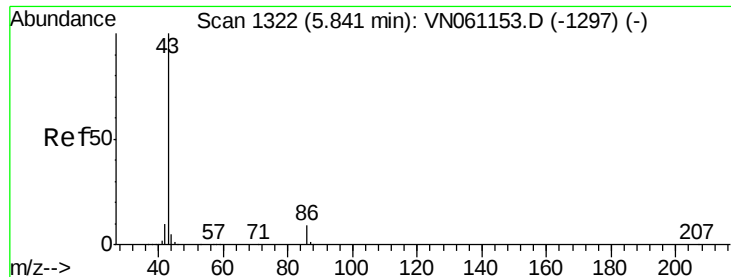
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#22
Diisopropyl ether
Concen: 18.416 ug/l
RT: 5.90 min Scan# 1339
Delta R.T. -0.00 min
Lab File: VN061160.D
Acq: 28 Apr 2020 13:45

Tgt Ion	Ratio	Lower	Upper
45	100		
43	65.1	47.9	71.9
87	24.2	19.2	28.8
59	11.6	9.0	13.4





#23

Vinyl Acetate

Concen: 90.682 ug/l

RT: 5.84 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VN061160.D

Acq: 28 Apr 2020 13:45

Instrument :

MSVOA_N

ClientSampleId :

VN0428WBS01

Tot Ion: 43 Resp: 382741

Ion Ratio Lower Upper

43 100

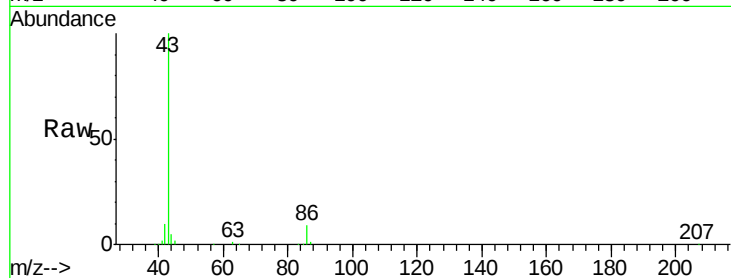
86 9.1 7.2 10.8

Manual Integrations

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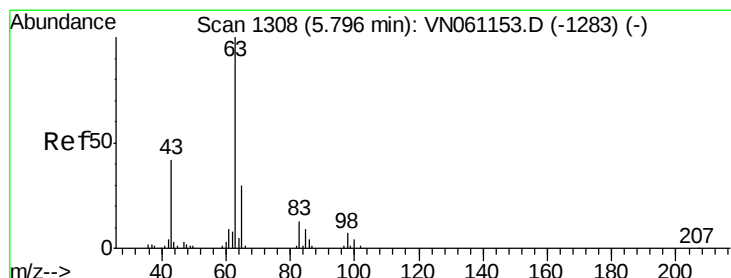
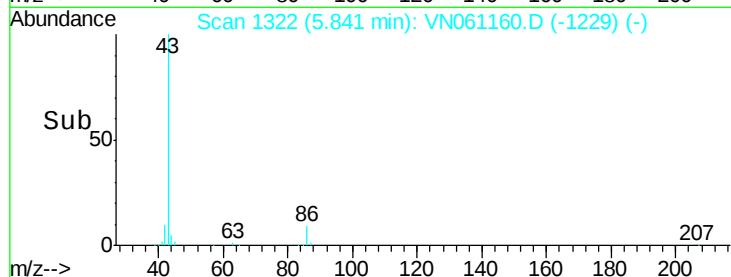
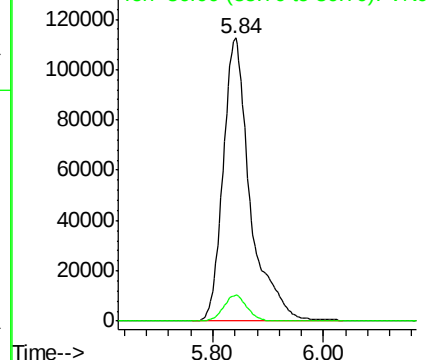
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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 18.625 ug/l

RT: 5.80 min Scan# 1308

Delta R.T. 0.00 min

Lab File: VN061160.D

Acq: 28 Apr 2020 13:45

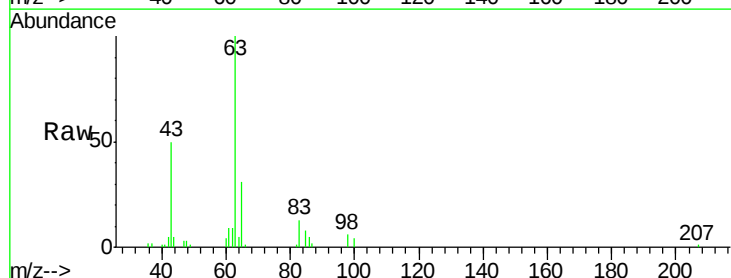
Tgt Ion: 63 Resp: 51011

Ion Ratio Lower Upper

63 100

98 6.0 3.3 9.9

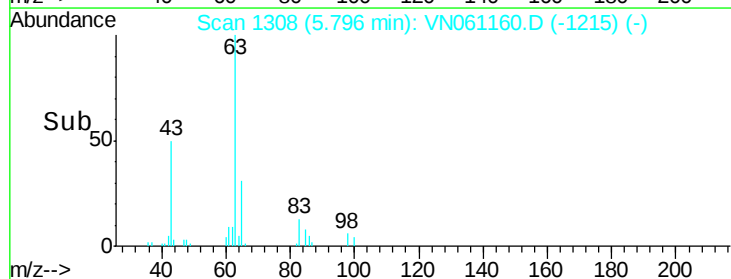
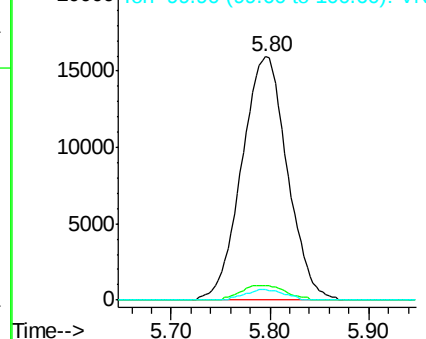
100 4.3 1.9 5.7

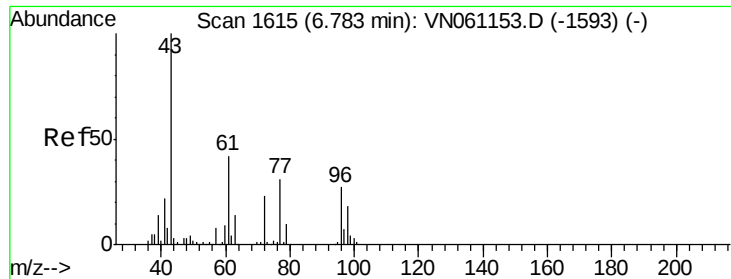


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 82.477 ug/l

RT: 6.78 min Scan# 1615

Delta R.T. 0.00 min

Lab File: VN061160.D

Acq: 28 Apr 2020 13:45

Instrument :

MSVOA_N

ClientSampleId :

VN0428WBS01

Tot Ion: 43 Resp: 89231

Ion Ratio Lower Upper

43 100

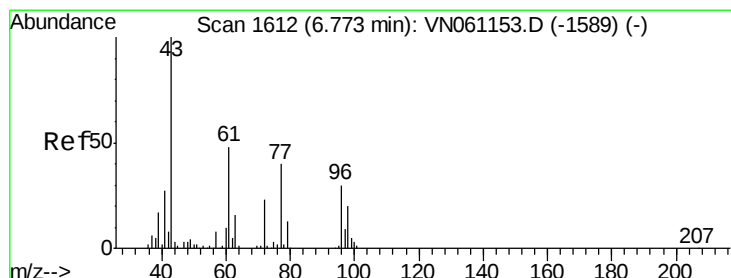
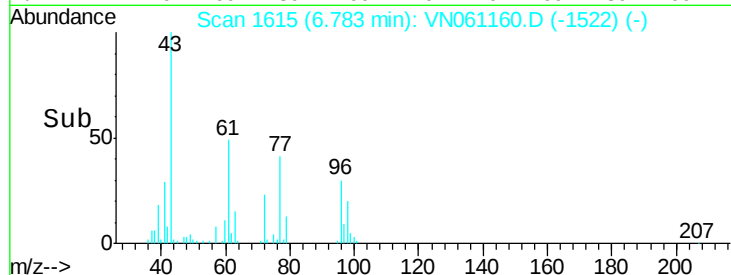
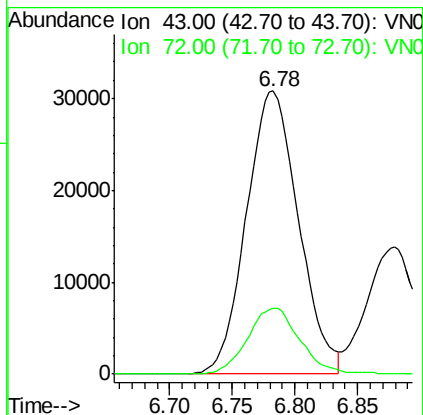
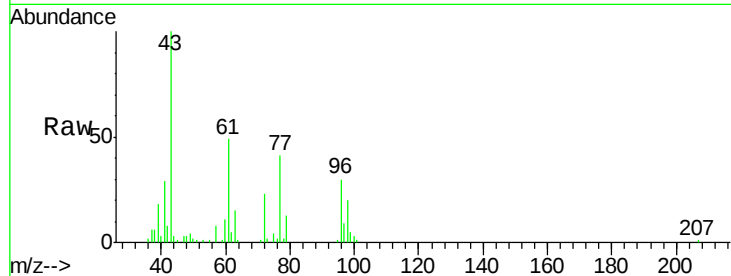
72 23.4 18.2 27.4

Manual Integrations

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MMDadoda

4/29/2020 2:58:09 PM



#26

2,2-Dichloropropane

Concen: 20.120 ug/l

RT: 6.77 min Scan# 1611

Delta R.T. -0.00 min

Lab File: VN061160.D

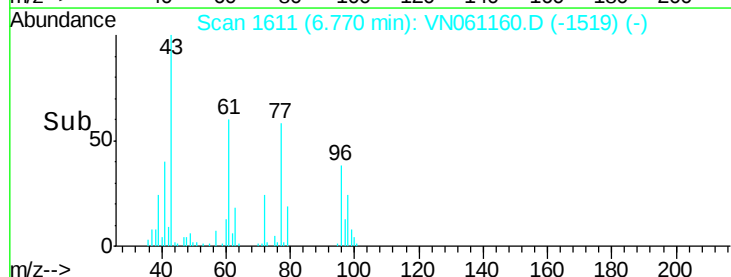
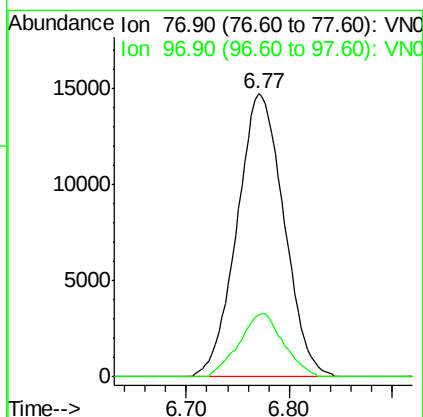
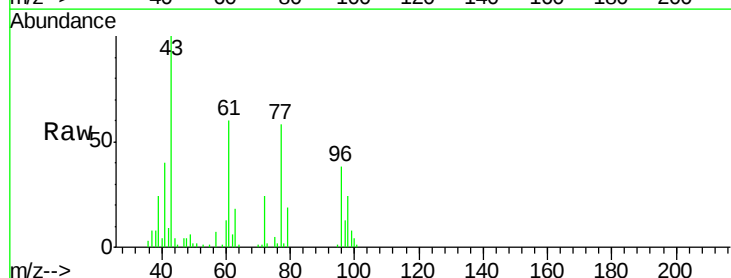
Acq: 28 Apr 2020 13:45

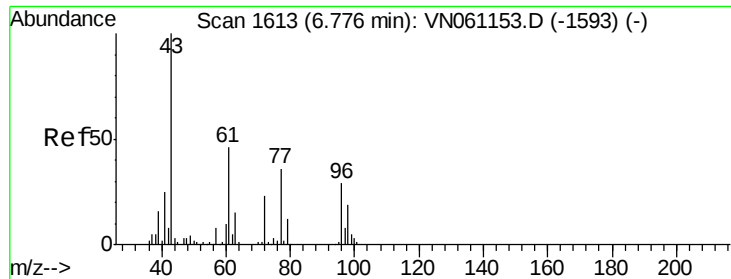
Tgt Ion: 77 Resp: 46413

Ion Ratio Lower Upper

77 100

97 21.2 10.5 31.5





#27

cis-1,2-Dichloroethene

Concen: 18.531 ug/l

RT: 6.78 min Scan# 1613

Delta R.T. 0.00 min

Lab File: VN061160.D

Acq: 28 Apr 2020 13:45

Instrument :

MSVOA_N

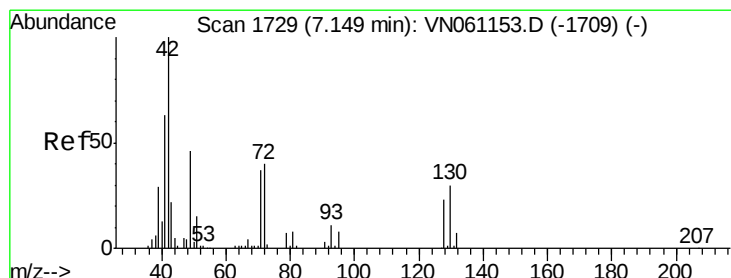
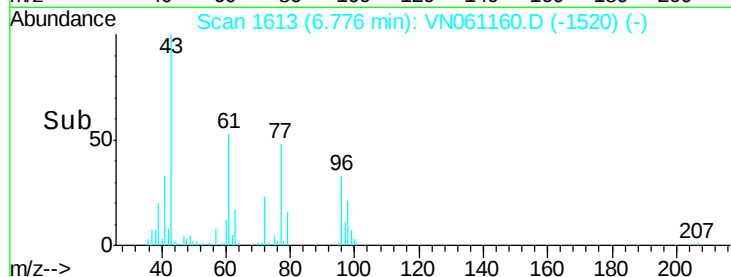
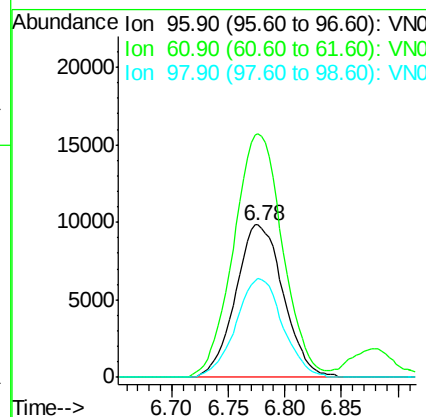
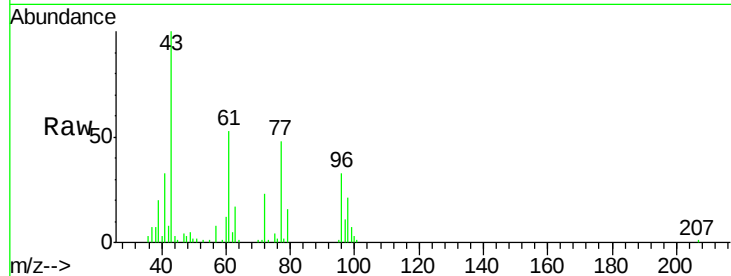
ClientSampleId :

VN0428WBS01

Tot Ion:	96	Resp:	28869
Ion	Ratio	Lower	Upper
96	100		
61	163.6	0.0	322.0
98	63.5	0.0	129.6

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#28

Bromochloromethane

Concen: 19.543 ug/l

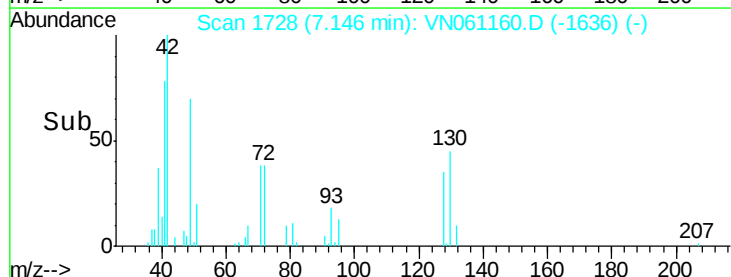
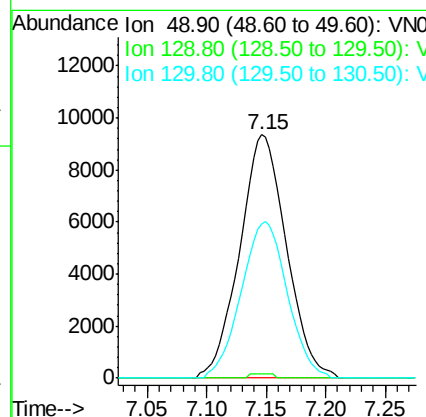
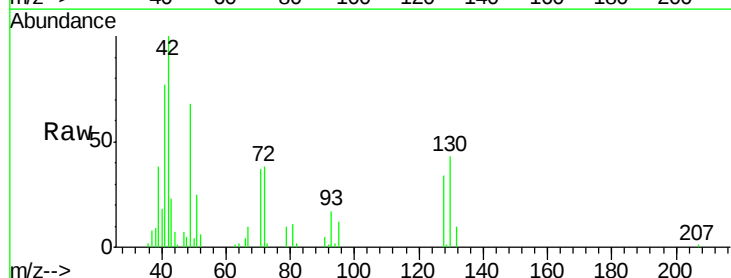
RT: 7.15 min Scan# 1728

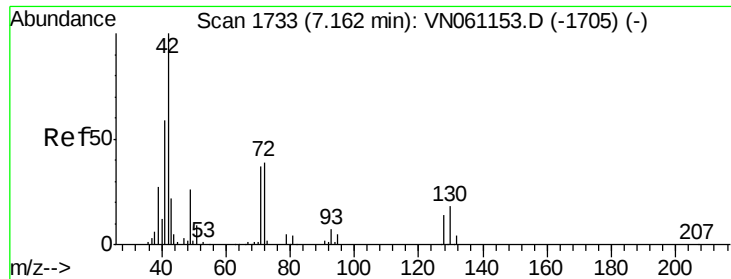
Delta R.T. -0.00 min

Lab File: VN061160.D

Acq: 28 Apr 2020 13:45

Tgt Ion:	49	Resp:	25369
Ion	Ratio	Lower	Upper
49	100		
129	0.9	0.0	3.0
130	63.6	51.4	77.2





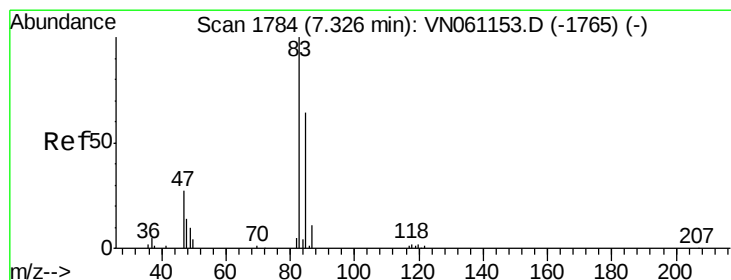
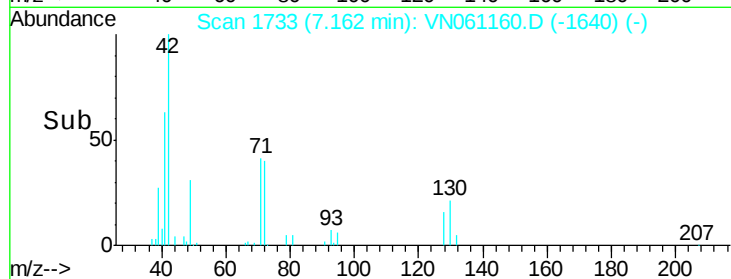
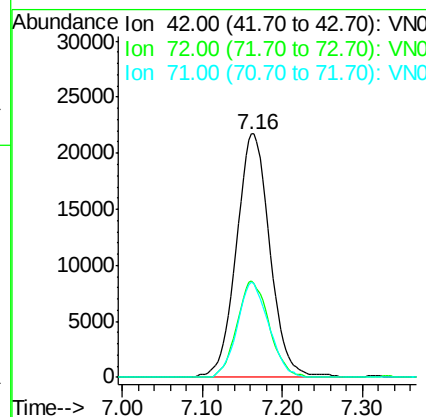
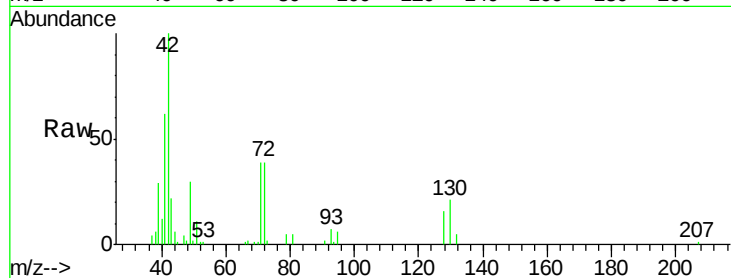
#29
Tetrahydrofuran
Concen: 84.664 ug/l
RT: 7.16 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VN061160.D
Acq: 28 Apr 2020 13:45

Instrument :
MSVOA_N
ClientSampleId :
VN0428WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	37.9	31.4	47.0
71	36.6	29.5	44.3

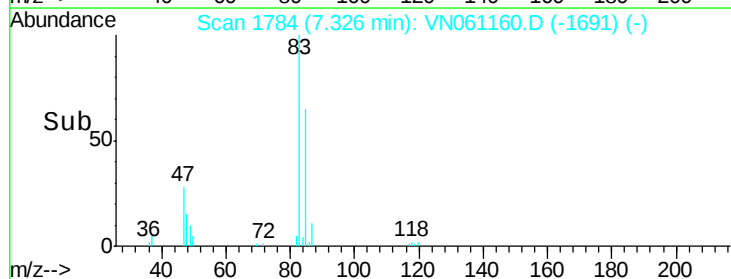
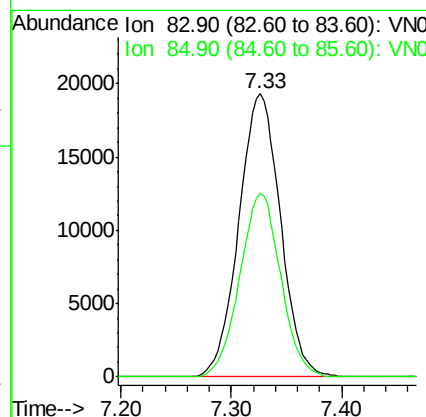
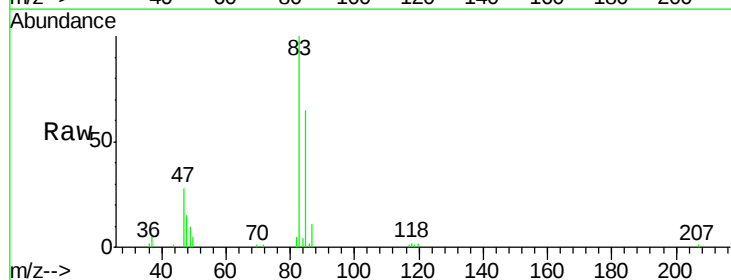
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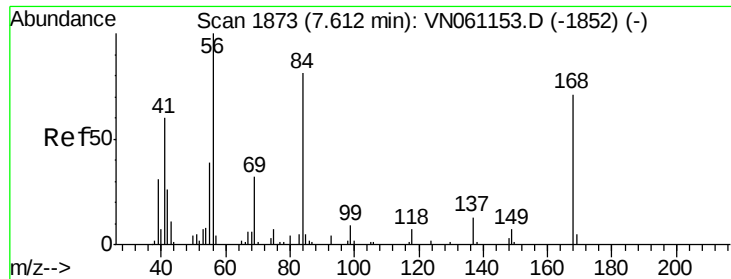
MMDadoda
4/29/2020 2:58:09 PM



#30
Chloroform
Concen: 18.171 ug/l
RT: 7.33 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VN061160.D
Acq: 28 Apr 2020 13:45

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.8	51.1	76.7





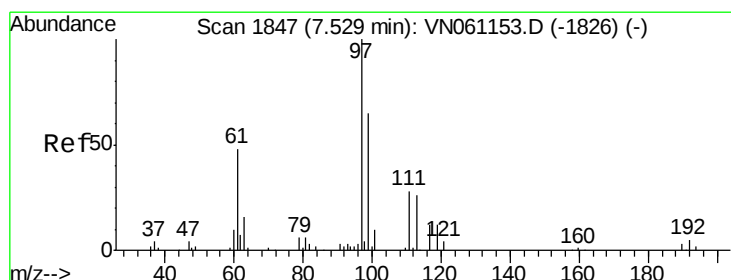
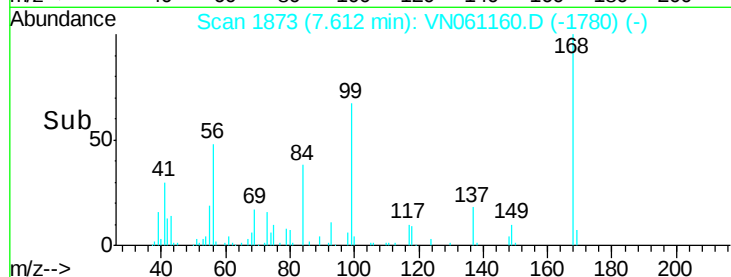
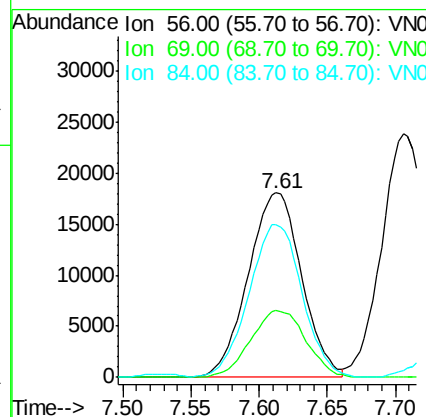
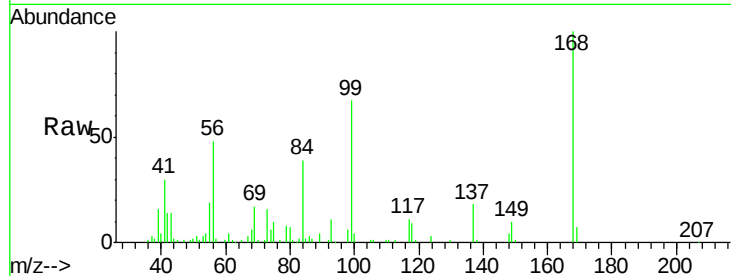
#31
Cyclohexane
Concen: 18.487 ug/l
RT: 7.61 min Scan# 1873
Delta R.T. 0.00 min
Lab File: VN061160.D
Acq: 28 Apr 2020 13:45

Instrument :
MSVOA_N
ClientSampleId :
VN0428WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	36.0	25.7	38.5
84	82.5	64.6	97.0

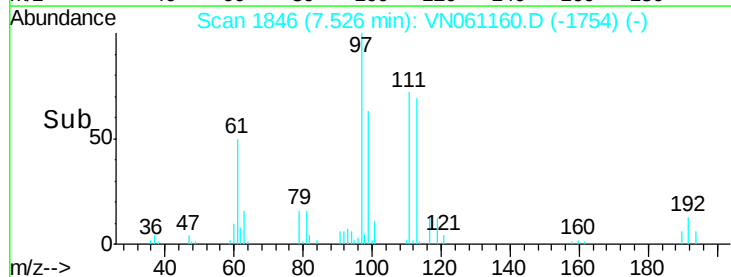
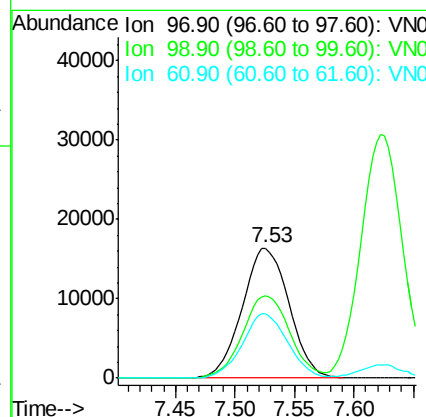
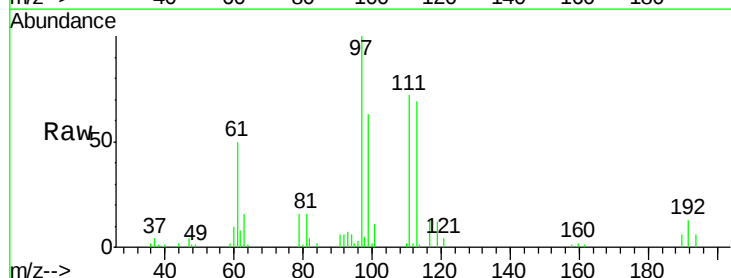
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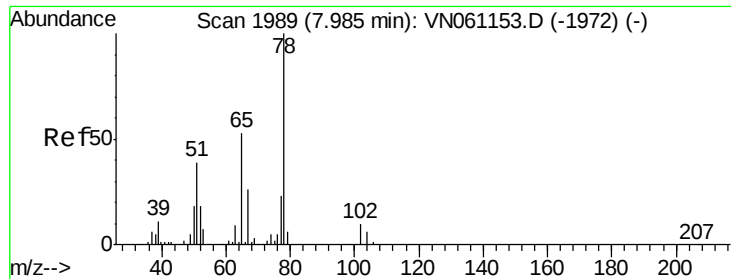
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#32
1,1,1-Trichloroethane
Concen: 18.459 ug/l
RT: 7.53 min Scan# 1846
Delta R.T. -0.00 min
Lab File: VN061160.D
Acq: 28 Apr 2020 13:45

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.3	76.9
61	48.0	38.6	57.8





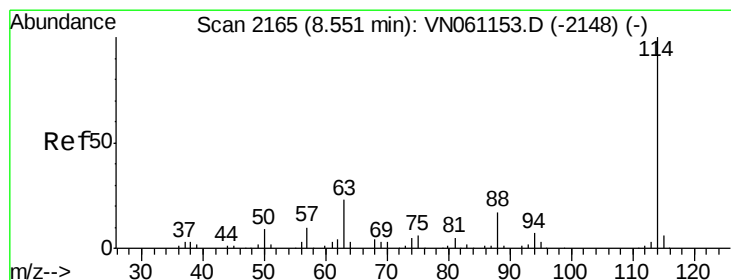
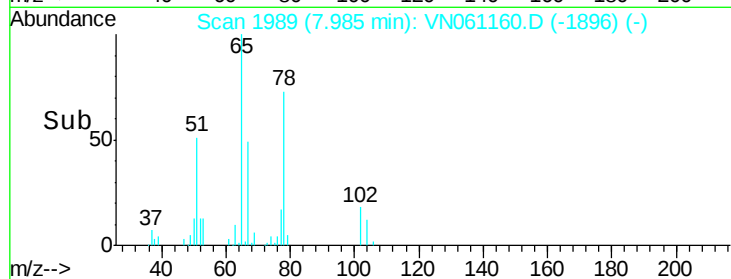
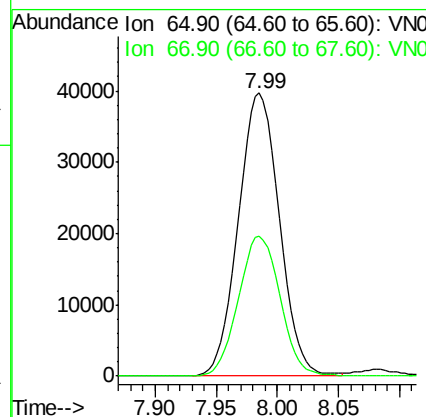
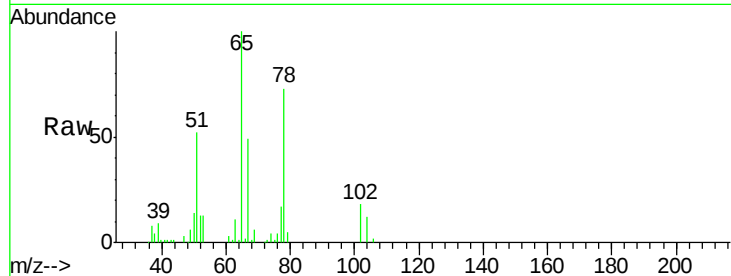
#33
 1,2-Dichloroethane-d4
 Concen: 50.644 ug/l
 RT: 7.99 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: VN061160.D
 Acq: 28 Apr 2020 13:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0428WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	92595		
67	50.0	0.0	101.6	

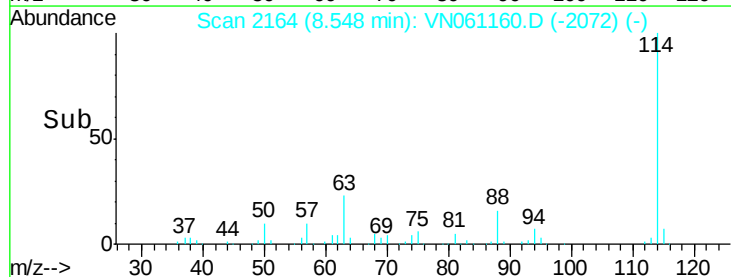
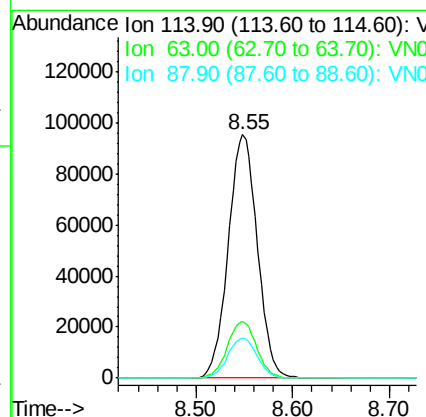
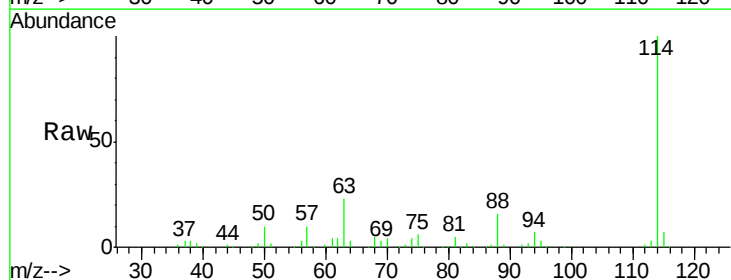
Manual Integrations
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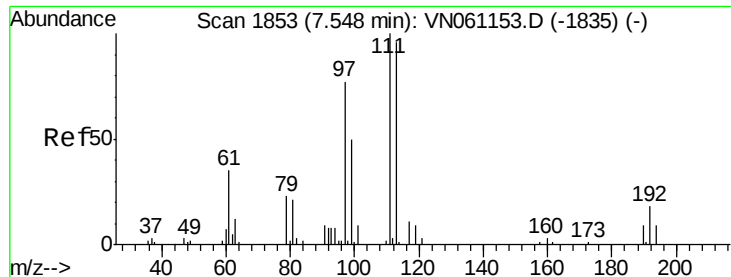
MMDadoda
 4/29/2020 2:58:09 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2164
 Delta R.T. -0.00 min
 Lab File: VN061160.D
 Acq: 28 Apr 2020 13:45

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	198940		
63	23.1	0.0	46.6	
88	16.4	0.0	33.4	





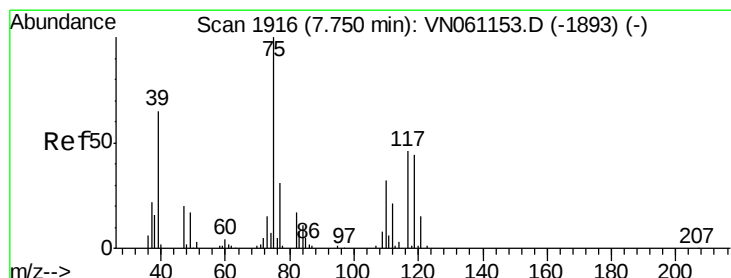
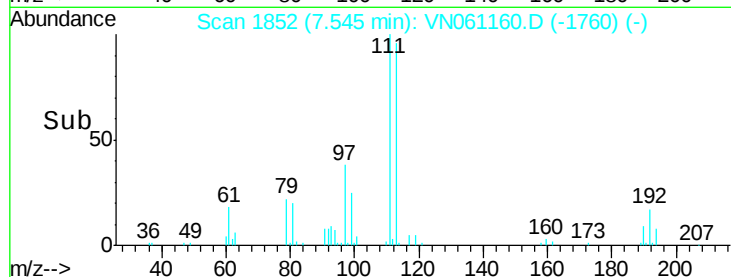
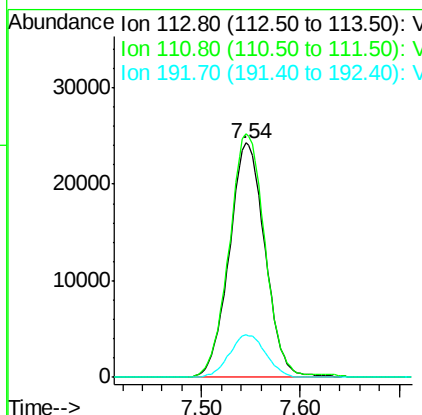
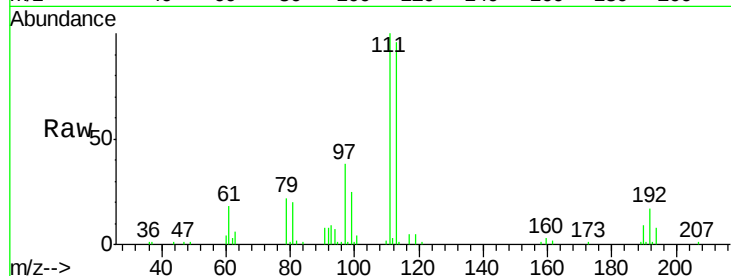
#35
 Dibromofluoromethane
 Concen: 51.973 ug/l
 RT: 7.54 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VN061160.D
 Acq: 28 Apr 2020 13:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0428WBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.9	124.3
192	18.3	14.7	22.1

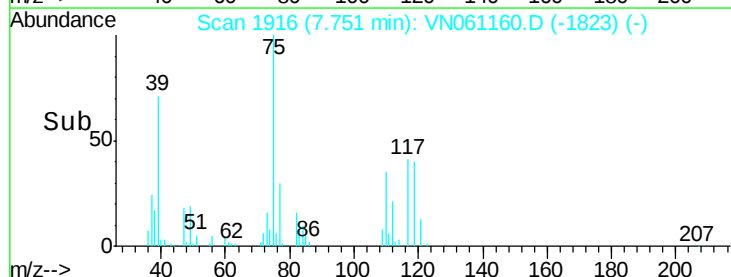
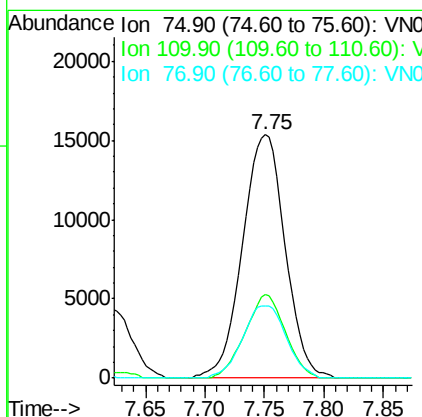
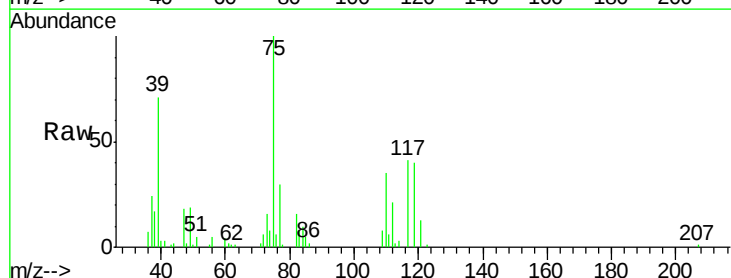
Manual Integrations
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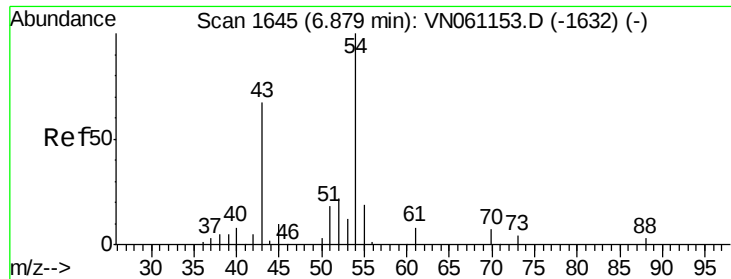
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#36
 1,1-Dichloropropene
 Concen: 19.106 ug/l
 RT: 7.75 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VN061160.D
 Acq: 28 Apr 2020 13:45

Tgt Ion	Ratio	Lower	Upper
75	100		
110	32.3	16.0	48.0
77	30.7	24.6	37.0





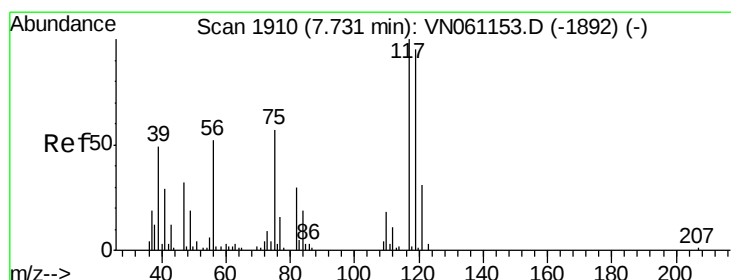
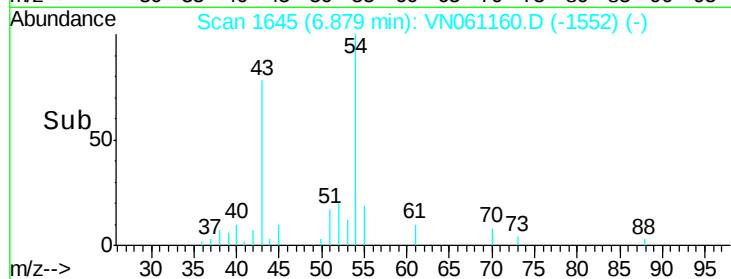
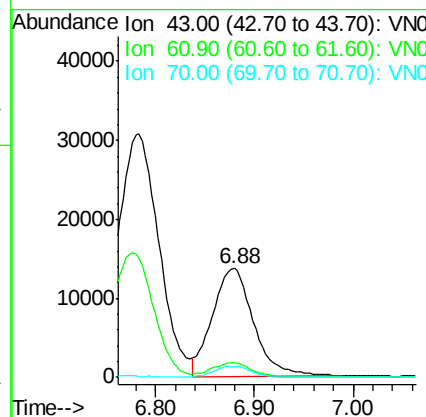
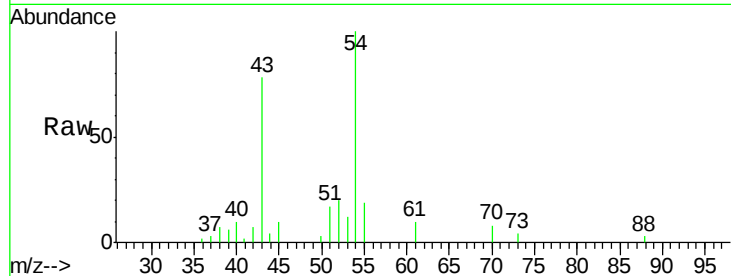
#37
Ethyl Acetate
Concen: 17.073 ug/l
RT: 6.88 min Scan# 1645
Delta R.T. 0.00 min
Lab File: VN061160.D
Acq: 28 Apr 2020 13:45

Instrument :
MSVOA_N
ClientSampleId :
VN0428WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.8	10.2	15.2
70	9.2	7.2	10.8

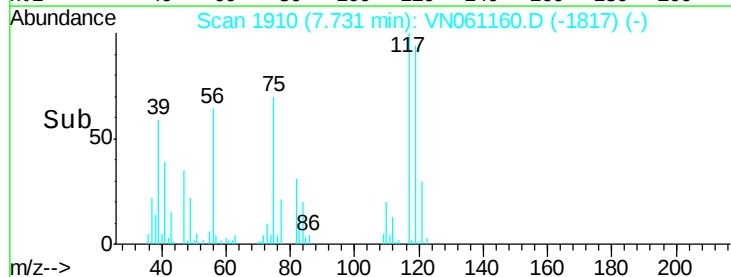
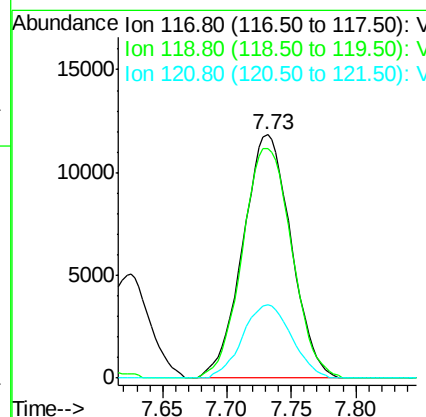
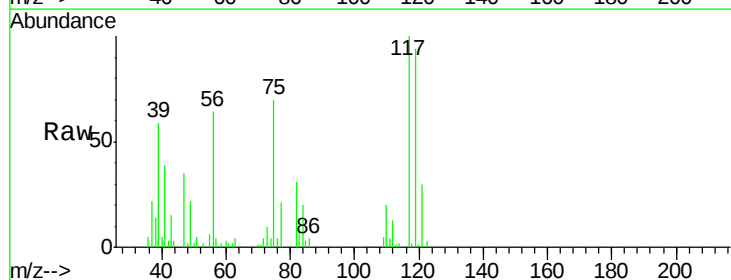
Manual Integrations
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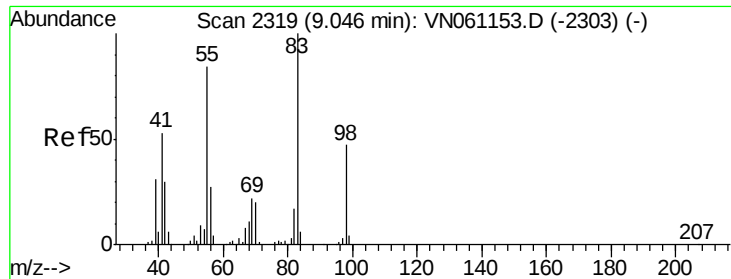
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#38
Carbon Tetrachloride
Concen: 19.365 ug/l
RT: 7.73 min Scan# 1910
Delta R.T. 0.00 min
Lab File: VN061160.D
Acq: 28 Apr 2020 13:45

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.3	75.8	113.6
121	30.3	24.7	37.1





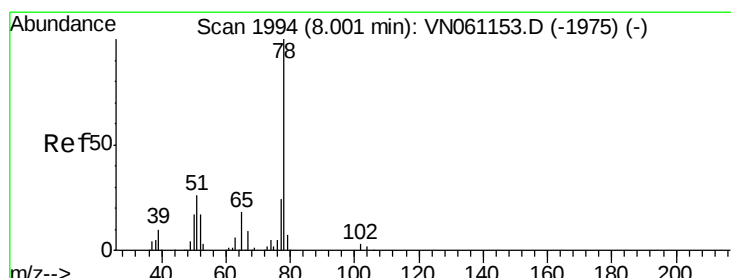
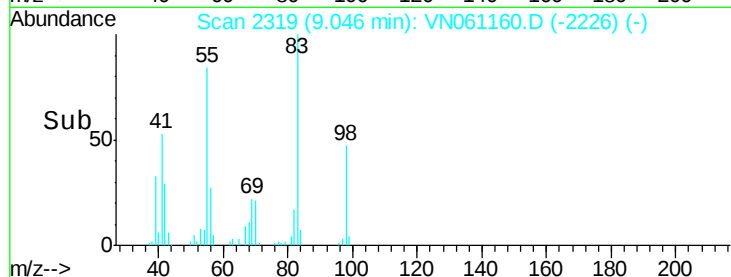
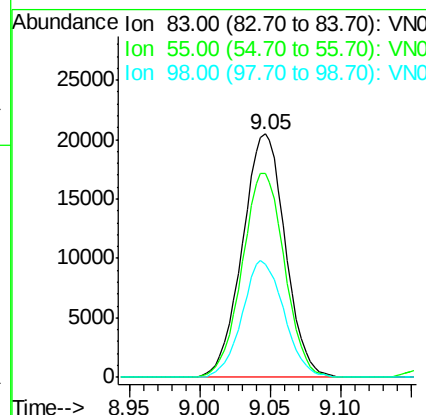
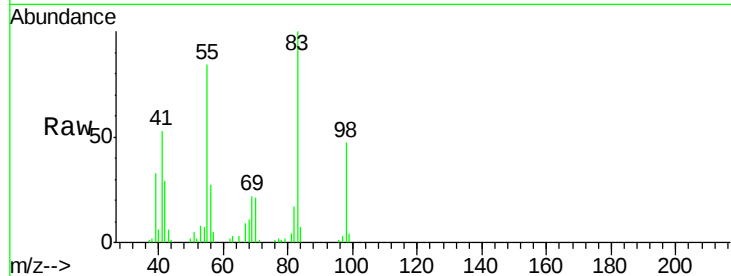
#39
Methvlcvclohexane
Concen: 19.268 ug/l
RT: 9.05 min Scan# 2319
Delta R.T. 0.00 min
Lab File: VN061160.D
Acq: 28 Apr 2020 13:45

Instrument :
MSVOA_N
ClientSampleId :
VN0428WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	83.7	67.3	100.9
98	46.6	37.7	56.5

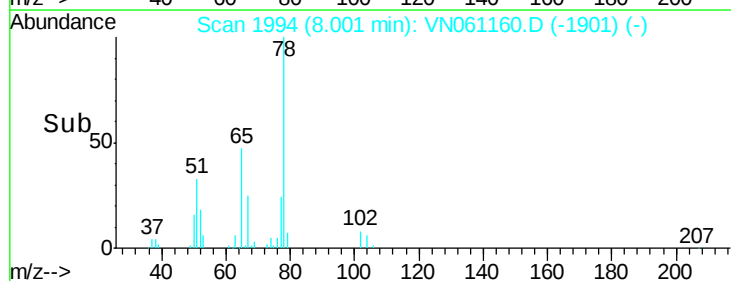
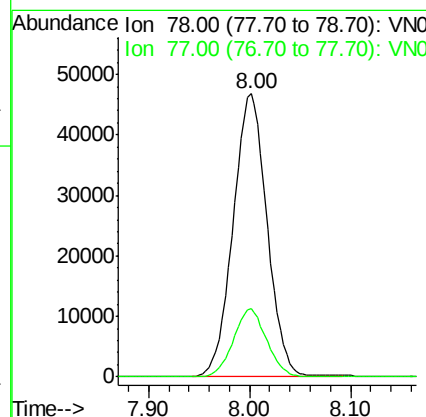
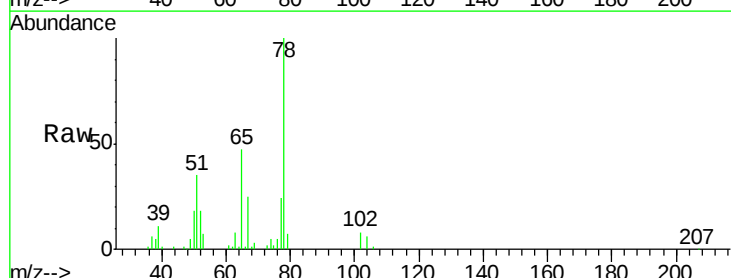
Manual Integrations
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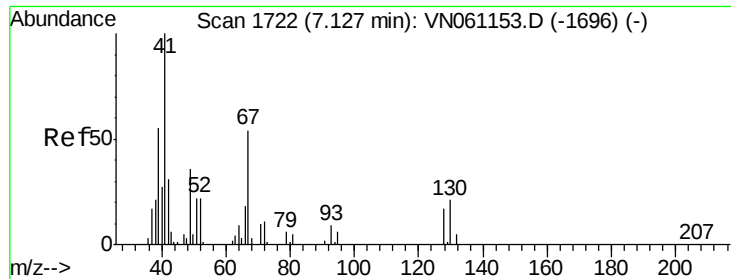
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#40
Benzene
Concen: 18.483 ug/l
RT: 8.00 min Scan# 1994
Delta R.T. 0.00 min
Lab File: VN061160.D
Acq: 28 Apr 2020 13:45

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.0	28.6





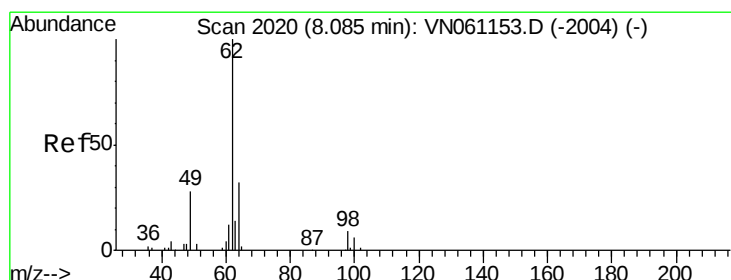
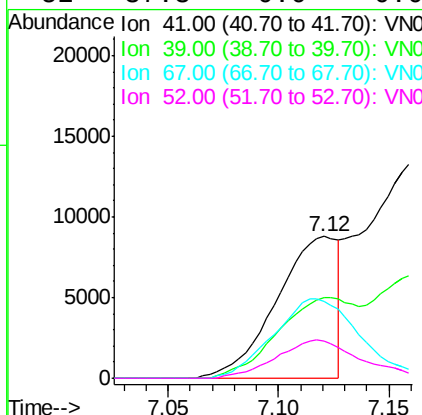
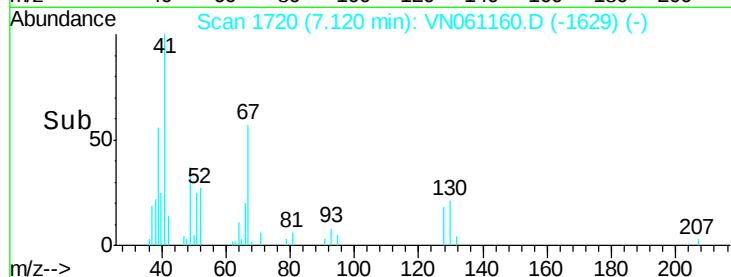
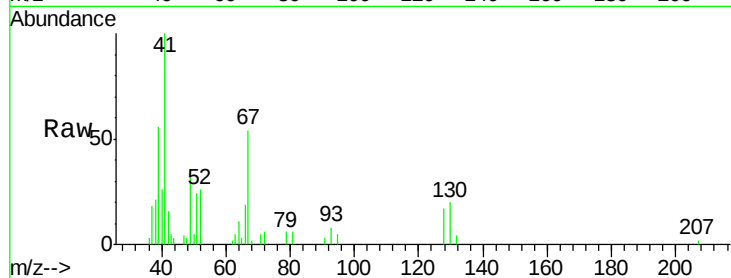
#41
Methacrylonitrile
Concen: 17.499 ug/l
RT: 7.12 min Scan# 1720
Delta R.T. -0.01 min
Lab File: VN061160.D
Acq: 28 Apr 2020 13:45

Instrument :
MSVOA_N
ClientSampleId :
VN0428WBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	72.1	0.0	0.0#
67	79.4	0.0	0.0#
52	37.3	0.0	0.0#

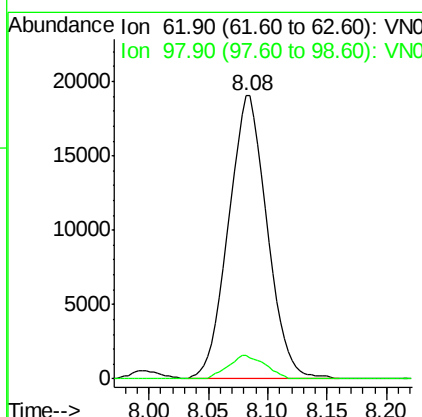
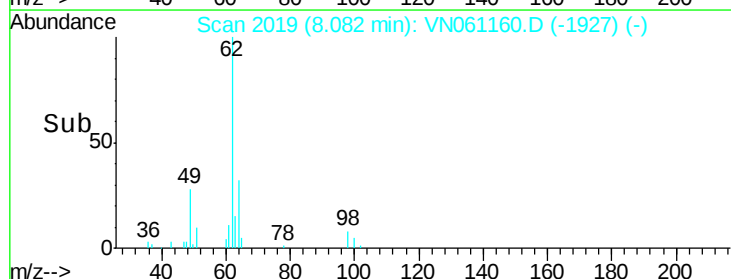
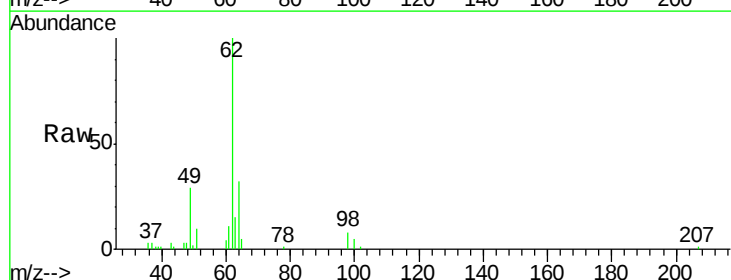
Manual Integrations
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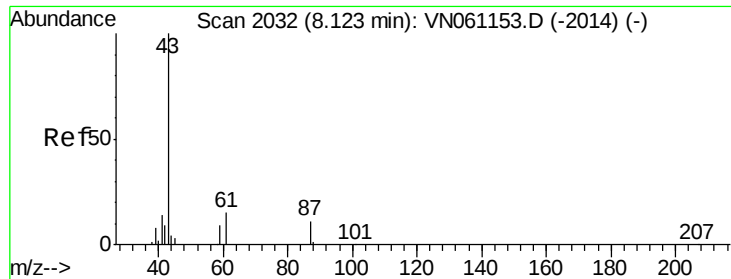
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#42
1,2-Dichloroethane
Concen: 19.102 ug/l
RT: 8.08 min Scan# 2019
Delta R.T. -0.00 min
Lab File: VN061160.D
Acq: 28 Apr 2020 13:45

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	16.8





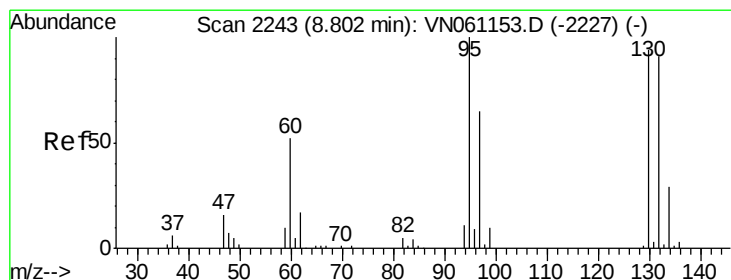
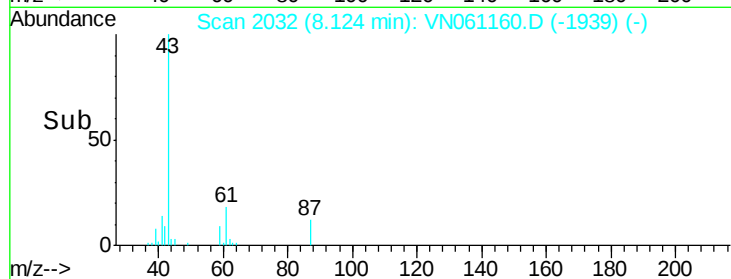
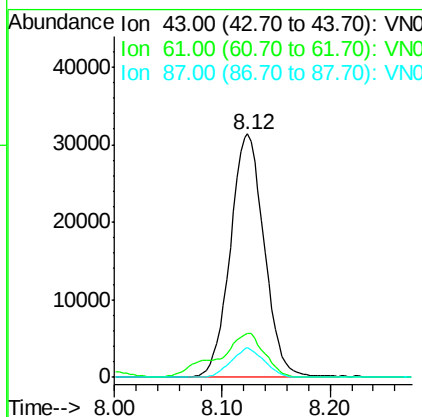
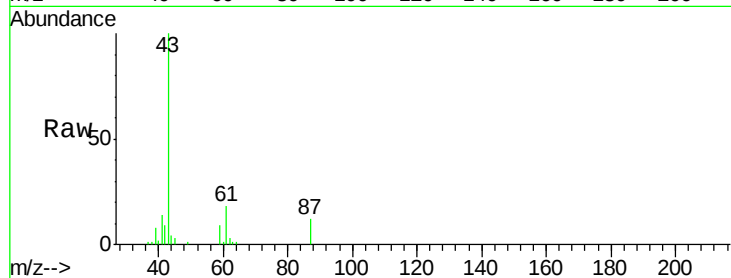
#43
Isopropyl Acetate
Concen: 17.653 ug/l
RT: 8.12 min Scan# 2032
Delta R.T. 0.00 min
Lab File: VN061160.D
Acq: 28 Apr 2020 13:45

Instrument :
MSVOA_N
ClientSampleId :
VN0428WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	24.8	19.5	29.3
87	11.6	8.9	13.3

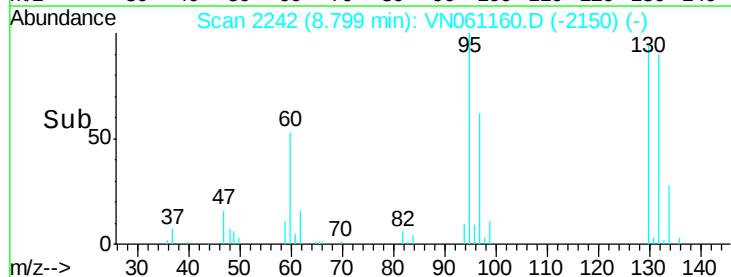
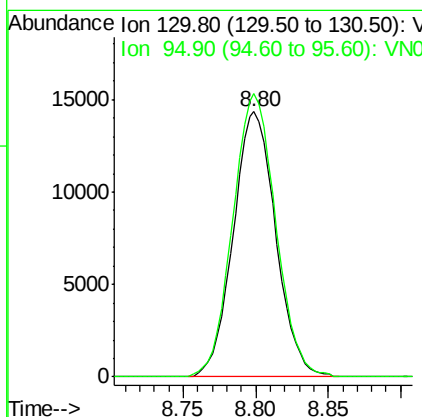
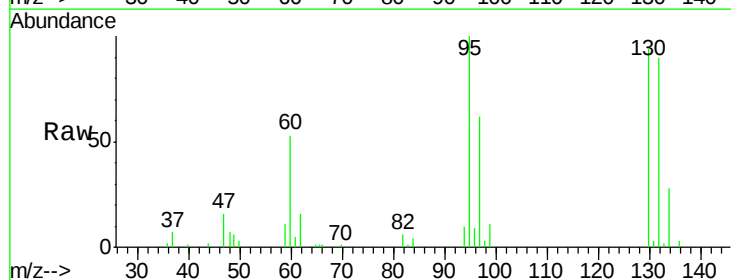
Manual Integrations
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#44
Trichloroethene
Concen: 18.224 ug/l
RT: 8.80 min Scan# 2242
Delta R.T. -0.00 min
Lab File: VN061160.D
Acq: 28 Apr 2020 13:45

Tgt Ion	Ratio	Lower	Upper
130	100		
95	106.7	0.0	212.4





#45

1,2-Dichloropropane

Concen: 18.293 ug/l

RT: 9.09 min Scan# 2331

Delta R.T. 0.00 min

Lab File: VN061160.D

Acq: 28 Apr 2020 13:45

Instrument :

MSVOA_N

ClientSampleId :

VN0428WBS01

Tot Ion: 63 Resp: 28996

Ion Ratio Lower Upper

63 100

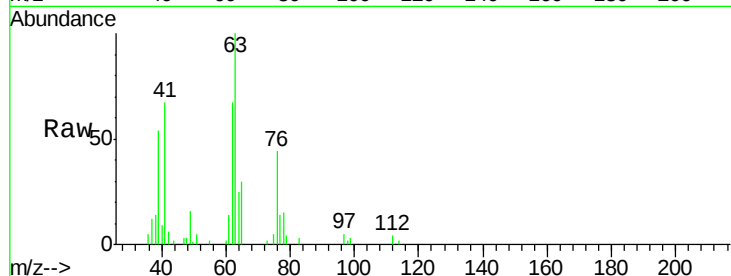
65 30.2 24.7 37.1

Manual Integrations

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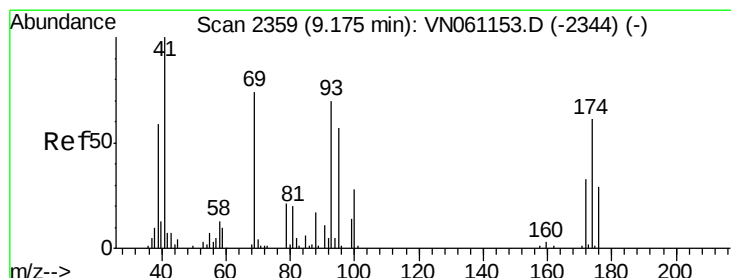
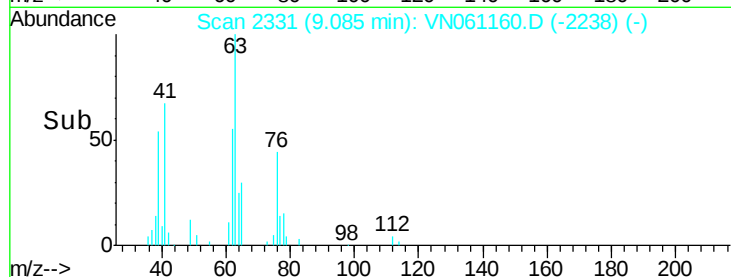
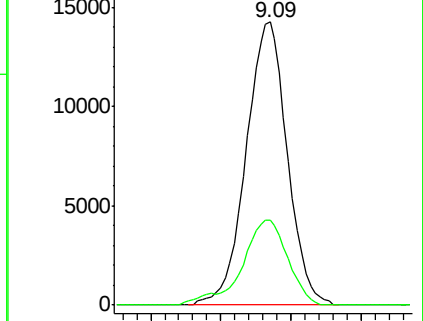
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Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 18.905 ug/l

RT: 9.17 min Scan# 2358

Delta R.T. -0.00 min

Lab File: VN061160.D

Acq: 28 Apr 2020 13:45

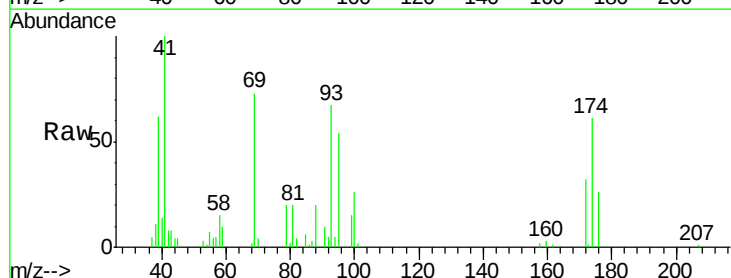
Tgt Ion: 93 Resp: 18554

Ion Ratio Lower Upper

93 100

95 82.7 66.6 99.8

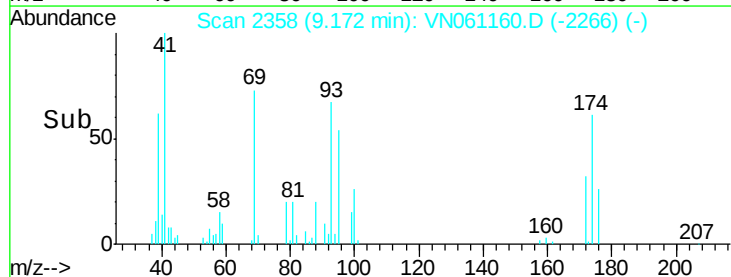
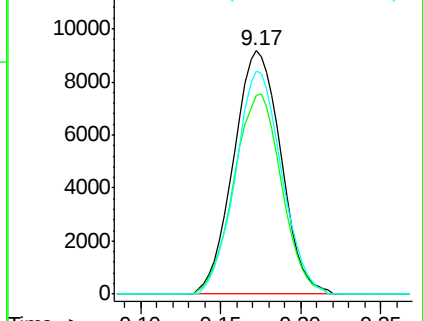
174 89.3 70.2 105.2



Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 18.900 ug/l

RT: 9.37 min Scan# 2419

Delta R.T. -0.00 min

Lab File: VN061160.D

Acq: 28 Apr 2020 13:45

Instrument :

MSVOA_N

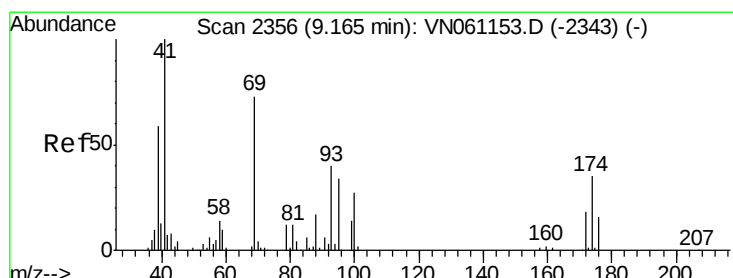
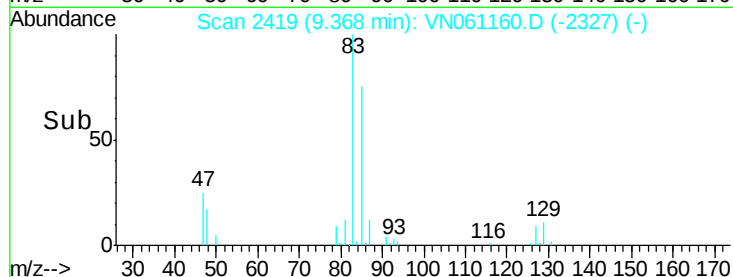
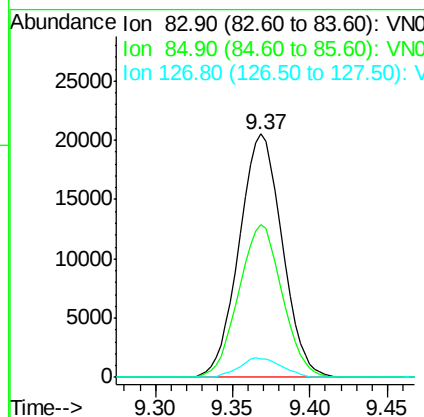
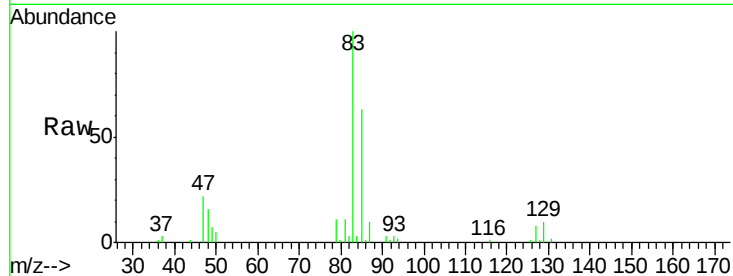
ClientSampleId :

VN0428WBS01

Tot Ion:	83	Resp:	39813
Ion Ratio	Lower	Upper	
83	100		
85	62.8	50.4	75.6
127	7.7	6.2	9.2

Manual Integrations
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#48

Methyl methacrylate

Concen: 17.341 ug/l

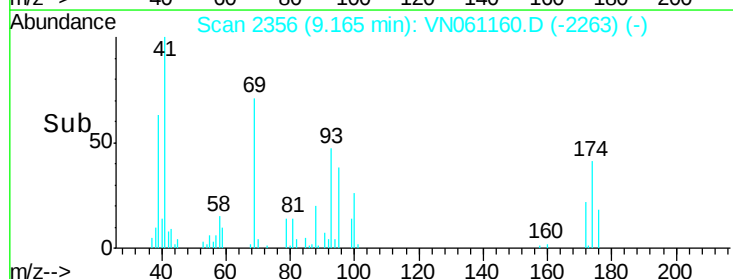
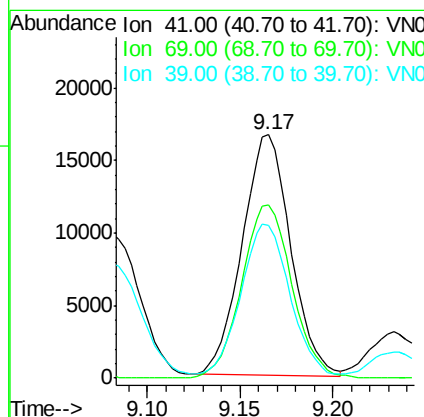
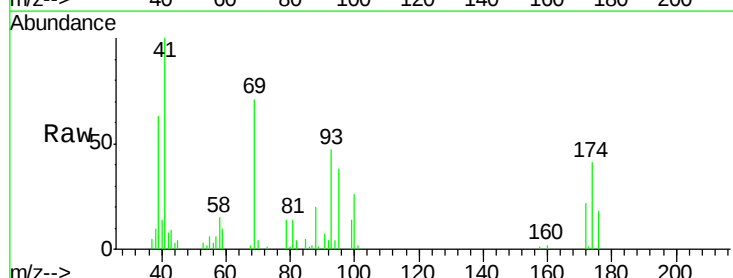
RT: 9.17 min Scan# 2356

Delta R.T. 0.00 min

Lab File: VN061160.D

Acq: 28 Apr 2020 13:45

Tgt Ion:	41	Resp:	30319
Ion Ratio	Lower	Upper	
41	100		
69	74.7	60.3	90.5
39	66.0	47.4	71.0





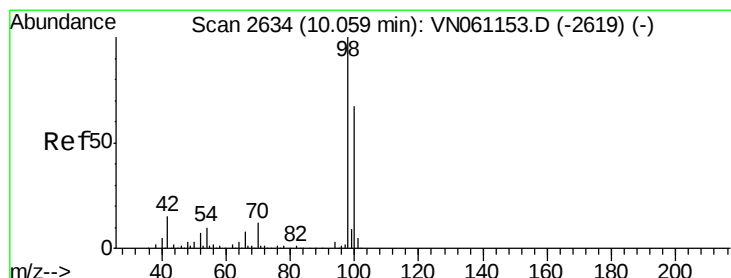
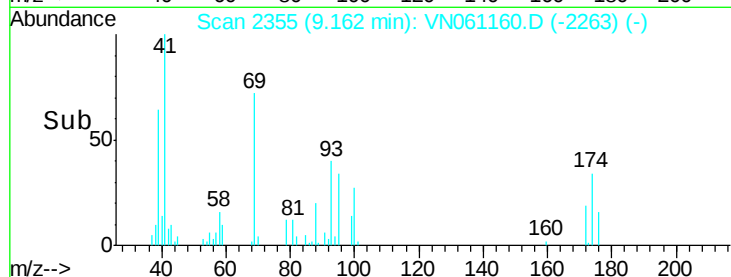
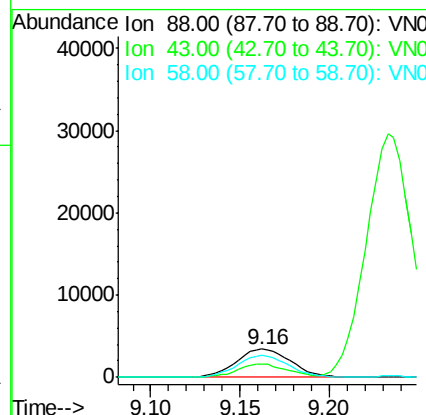
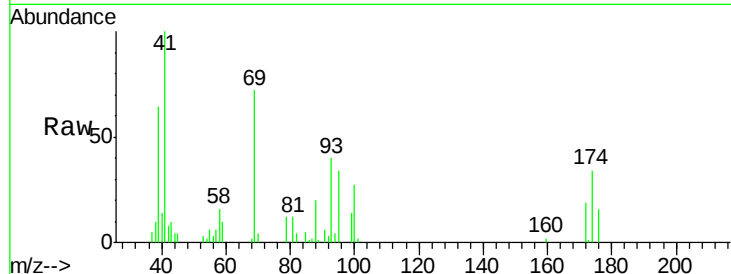
#49
1,4-Dioxane
Concen: 362.522 ug/l
RT: 9.16 min Scan# 2355
Delta R.T. -0.00 min
Lab File: VN061160.D
Acq: 28 Apr 2020 13:45

Instrument :
MSVOA_N
ClientSampleId :
VN0428WBS01

Tot Ion	Ratio	Resp	Lower	Upper
88	100	7195		
43	43.5		35.3	52.9
58	74.3		61.5	92.3

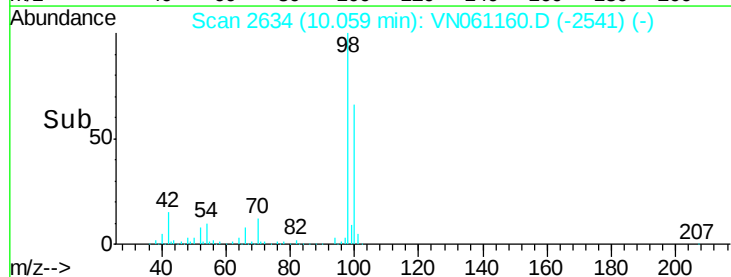
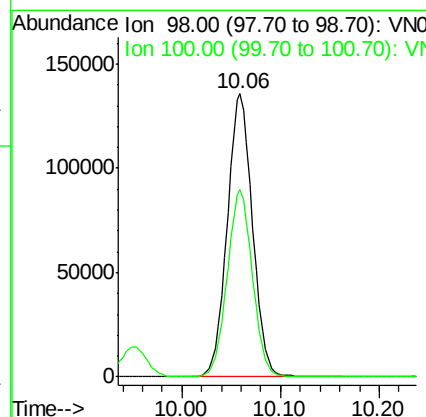
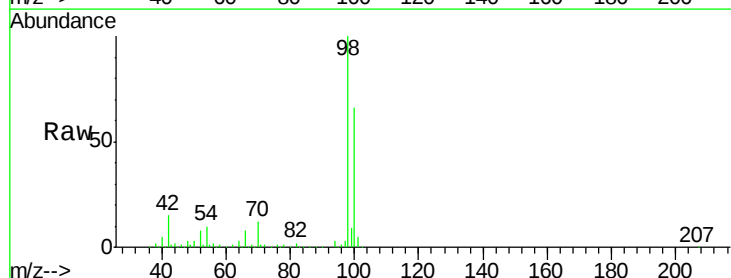
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#50
Toluene-d8
Concen: 50.787 ug/l
RT: 10.06 min Scan# 2634
Delta R.T. 0.00 min
Lab File: VN061160.D
Acq: 28 Apr 2020 13:45

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	243553		
100	66.0		53.4	80.0





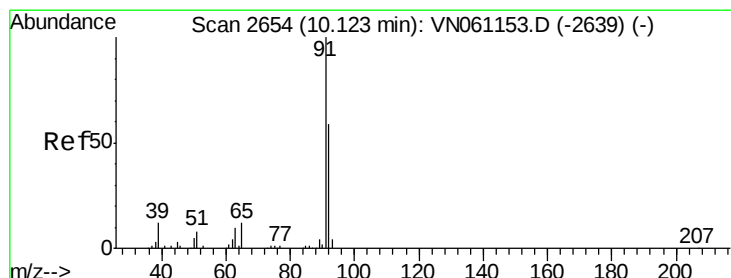
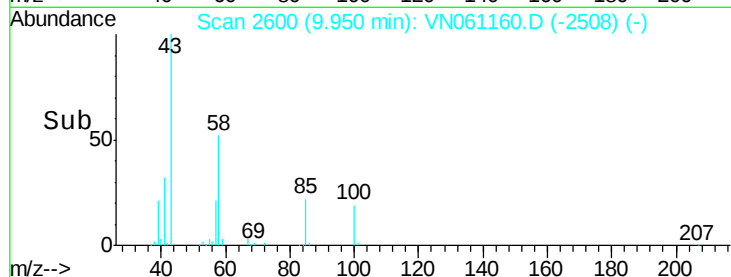
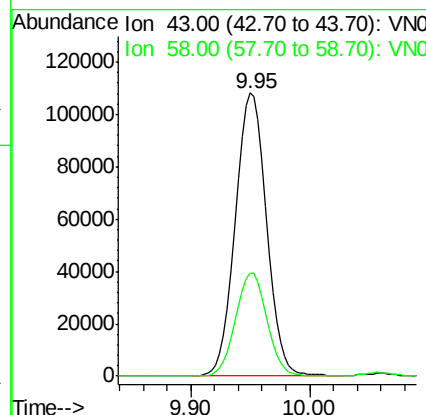
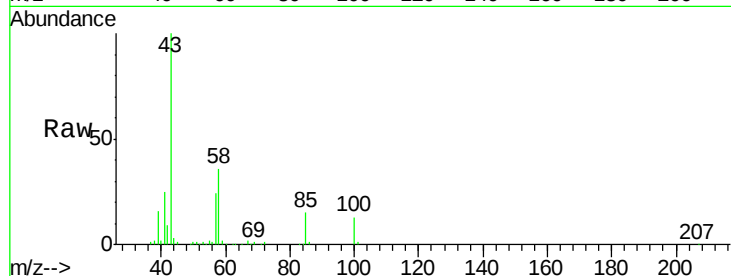
#51
4-Methyl-2-Pentanone
Concen: 86.373 ug/l
RT: 9.95 min Scan# 2600
Delta R.T. -0.00 min
Lab File: VN061160.D
Acq: 28 Apr 2020 13:45

Instrument :
MSVOA_N
ClientSampleId :
VN0428WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	36.6	29.1	43.7

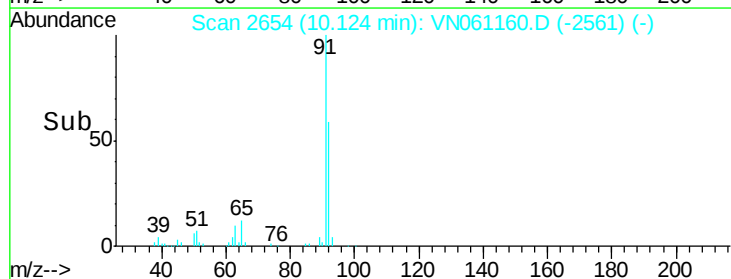
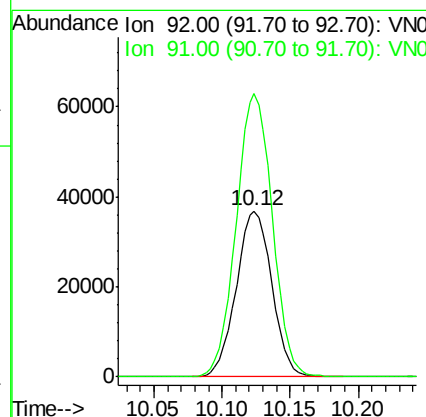
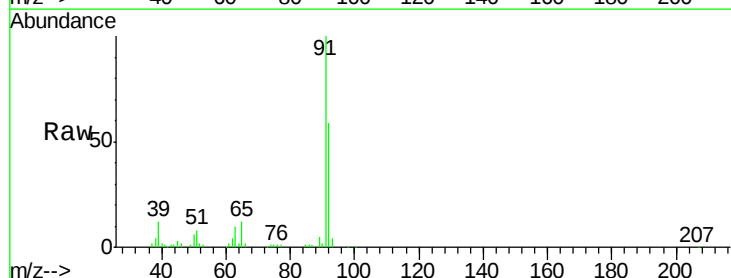
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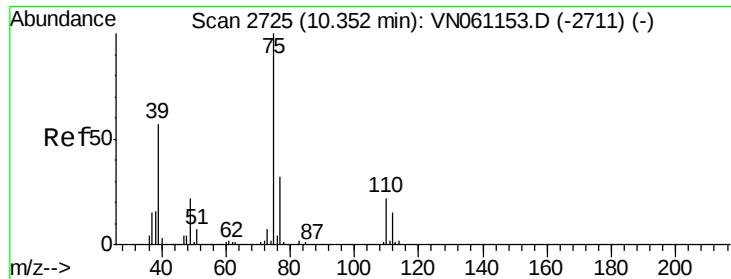
MMDadoda
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#52
Toluene
Concen: 18.684 ug/l
RT: 10.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VN061160.D
Acq: 28 Apr 2020 13:45

Tgt Ion	Ratio	Lower	Upper
92	100		
91	173.6	136.2	204.2





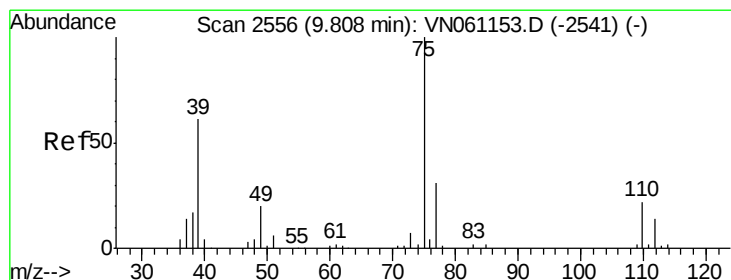
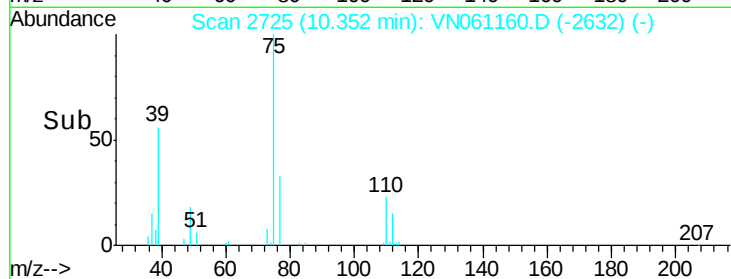
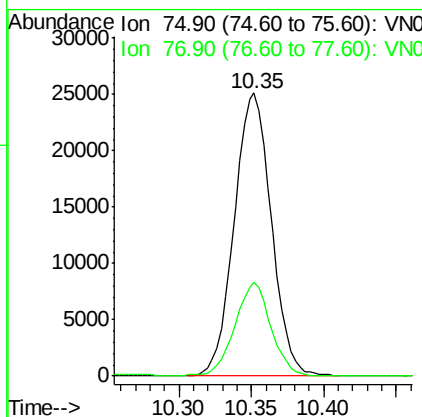
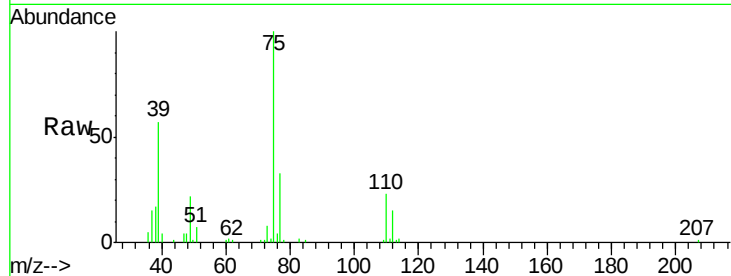
#53
t-1,3-Dichloropropene
Concen: 18.800 ug/l
RT: 10.35 min Scan# 2725
Delta R.T. 0.00 min
Lab File: VN061160.D
Acq: 28 Apr 2020 13:45

Instrument :
MSVOA_N
ClientSampleId :
VN0428WBS01

Tot Ion	Ion	Ratio	Lower	Upper
75	100			
77	33.0	25.5	38.3	

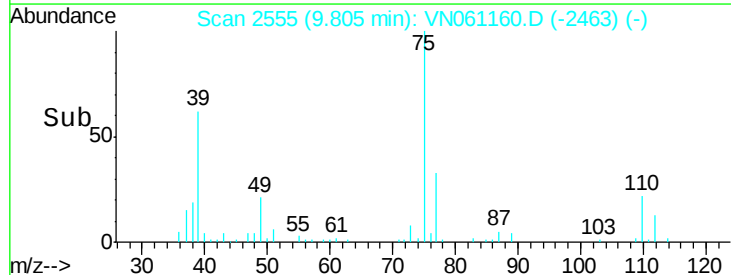
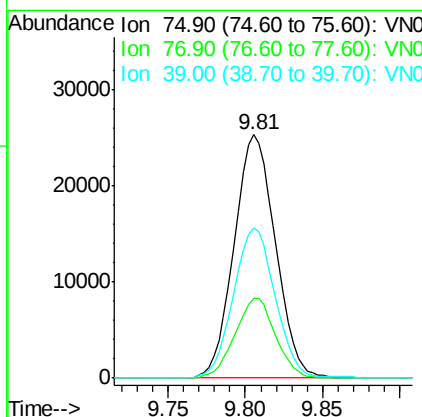
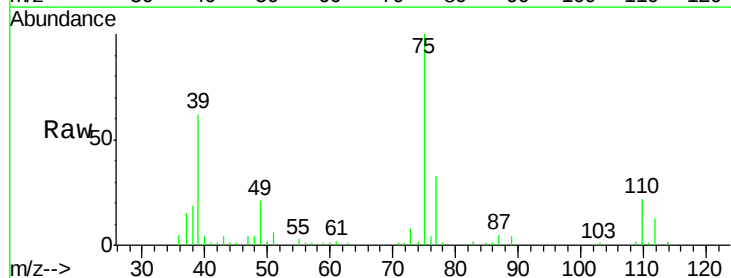
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#54
cis-1,3-Dichloropropene
Concen: 18.759 ug/l
RT: 9.81 min Scan# 2555
Delta R.T. -0.00 min
Lab File: VN061160.D
Acq: 28 Apr 2020 13:45

Tgt Ion	Ion	Ratio	Lower	Upper
75	100			
77	32.5	25.0	37.4	
39	61.8	48.7	73.1	





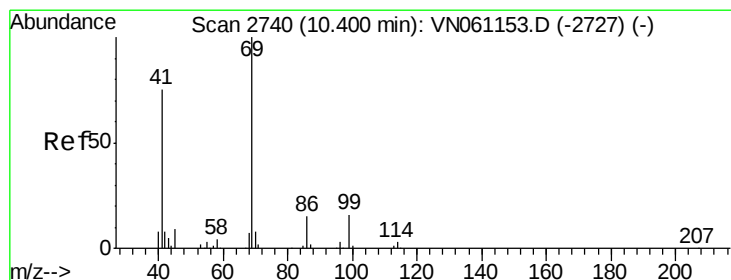
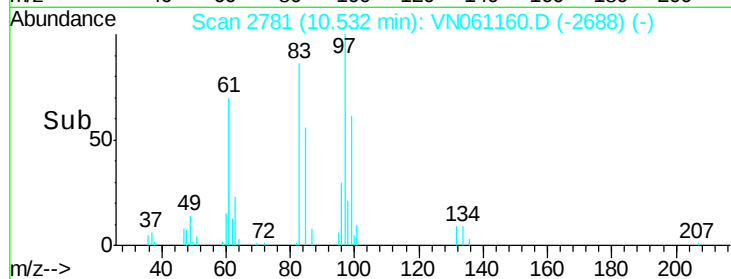
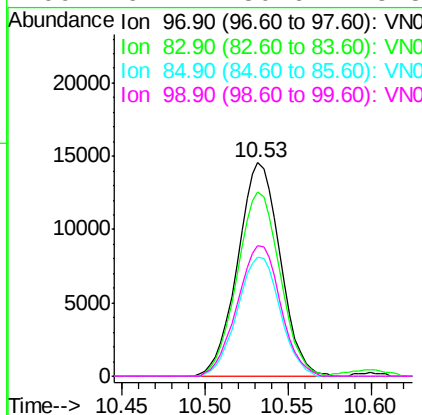
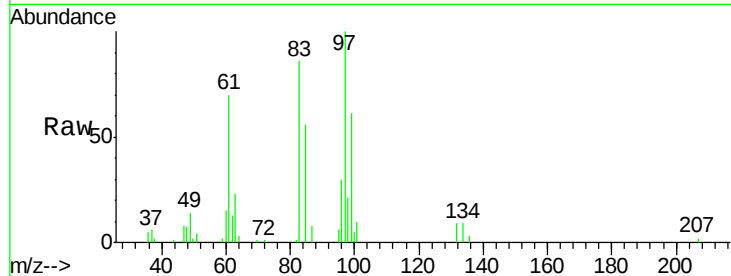
#55
 1,1,2-Trichloroethane
 Concen: 18.270 ug/l
 RT: 10.53 min Scan# 2781
 Delta R.T. 0.00 min
 Lab File: VN061160.D
 Acq: 28 Apr 2020 13:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0428WBS01

Tot Ion:	97	Resp:	26043
Ion	Ratio	Lower	Upper
97	100		
83	86.4	70.6	106.0
85	55.8	46.4	69.6
99	61.1	50.6	75.8

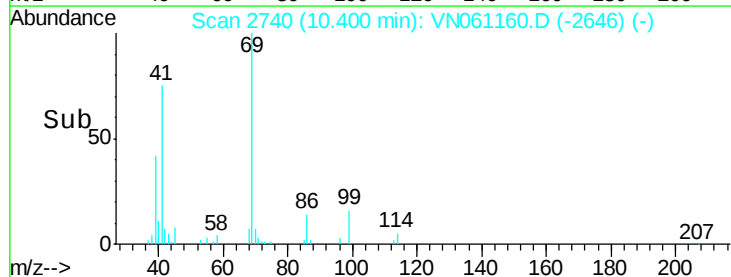
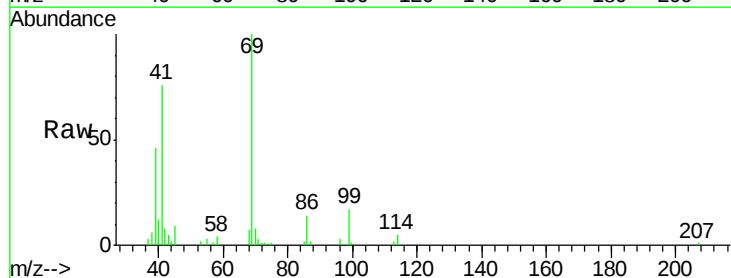
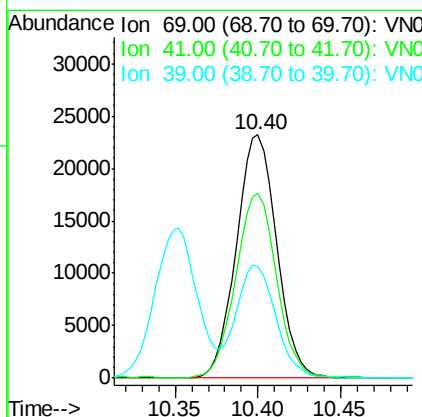
Manual Integrations
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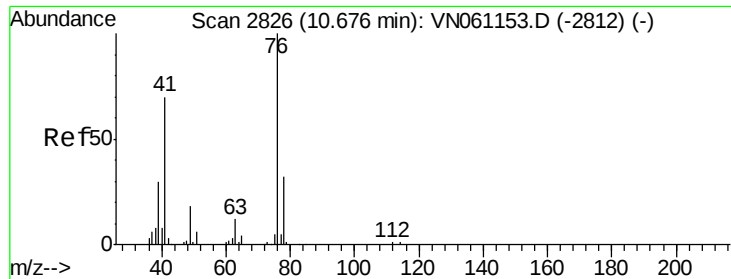
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#56
 Ethyl methacrylate
 Concen: 17.663 ug/l
 RT: 10.40 min Scan# 2740
 Delta R.T. 0.00 min
 Lab File: VN061160.D
 Acq: 28 Apr 2020 13:45

Tgt Ion:	69	Resp:	39241
Ion	Ratio	Lower	Upper
69	100		
41	77.0	60.3	90.5
39	44.4	35.9	53.9





#57

1,3-Dichloropropane

Concen: 18.729 ug/l

RT: 10.68 min Scan# 2826

Delta R.T. 0.00 min

Lab File: VN061160.D

Acq: 28 Apr 2020 13:45

Instrument :

MSVOA_N

ClientSampled :

VN0428WBS01

Tot Ion: 76 Resp: 46927

Ion Ratio Lower Upper

76 100

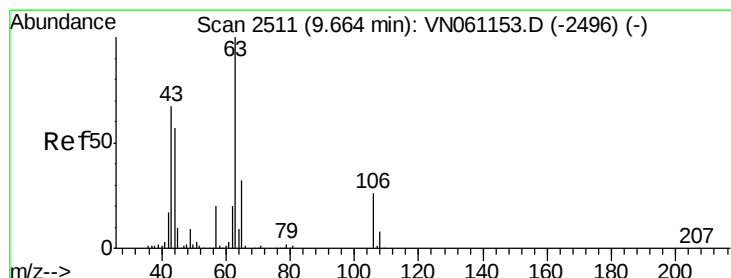
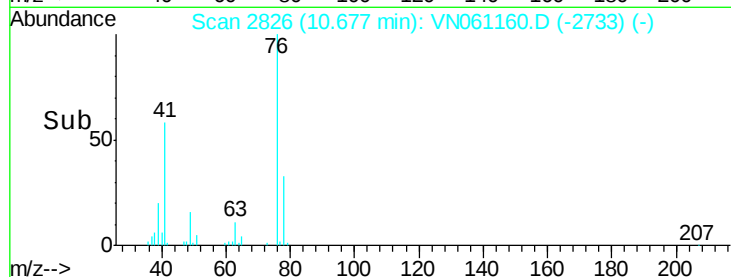
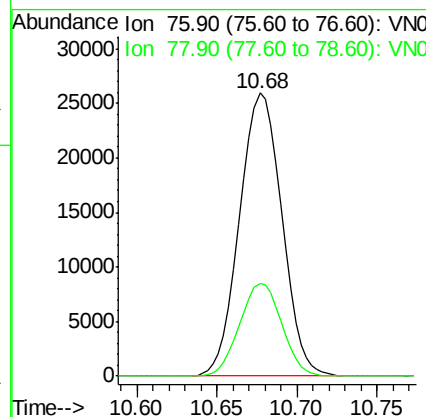
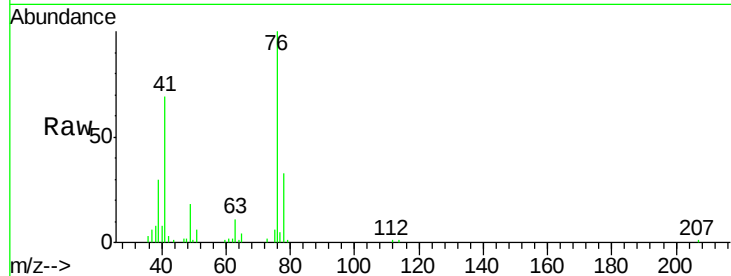
78 32.5 25.5 38.3

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 86.224 ug/l

RT: 9.66 min Scan# 2510

Delta R.T. -0.00 min

Lab File: VN061160.D

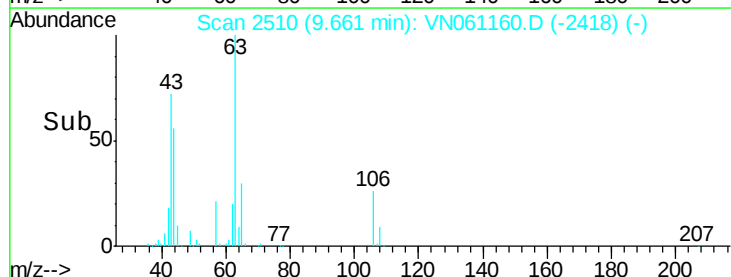
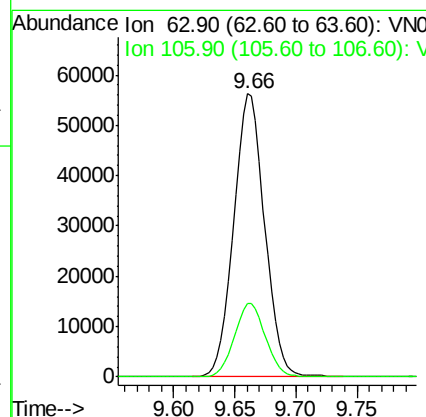
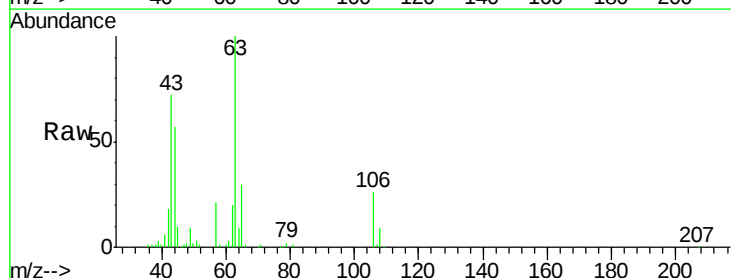
Acq: 28 Apr 2020 13:45

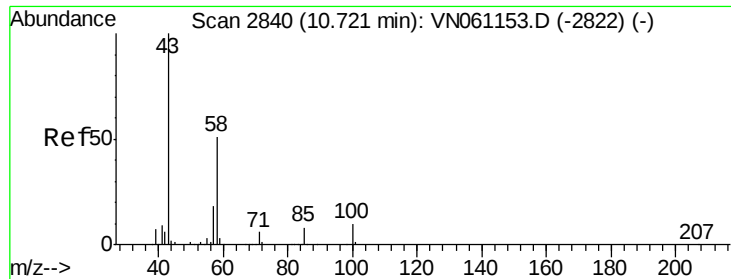
Tgt Ion: 63 Resp: 99487

Ion Ratio Lower Upper

63 100

106 25.9 20.6 30.8





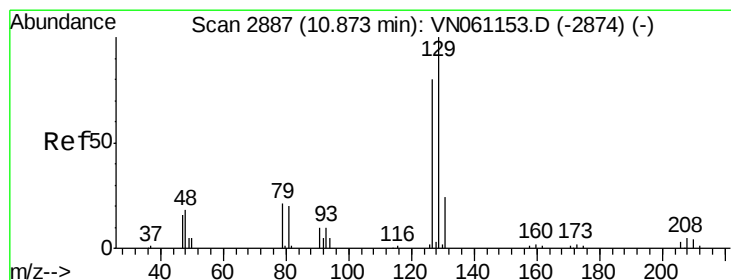
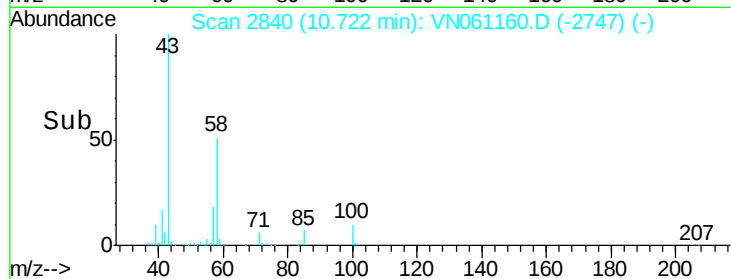
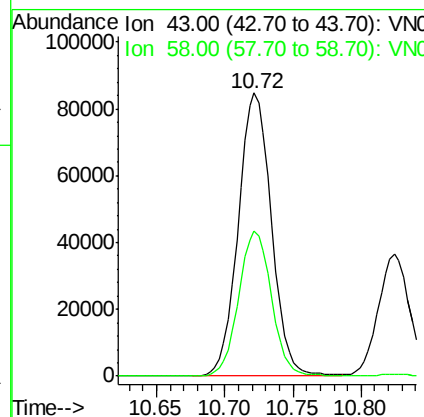
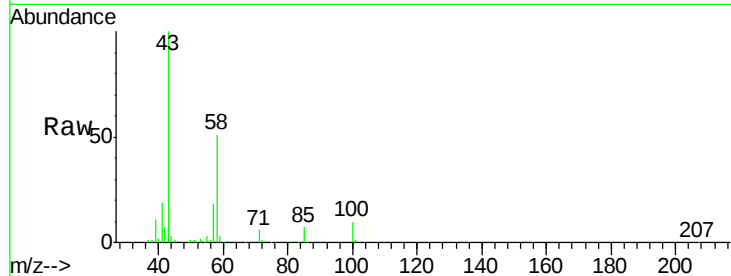
#59
2-Hexanone
Concen: 86.282 ug/l
RT: 10.72 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VN061160.D
Acq: 28 Apr 2020 13:45

Instrument :
MSVOA_N
ClientSampleId :
VN0428WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	50.6	25.4	76.4

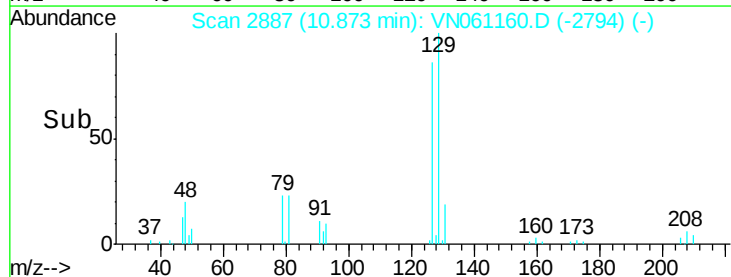
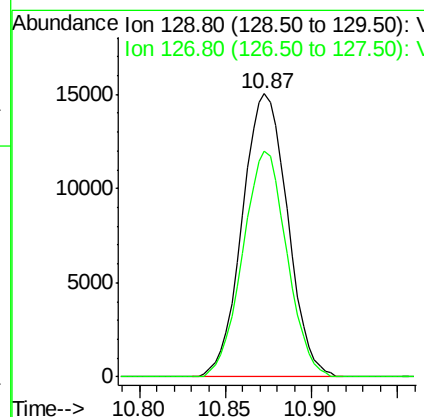
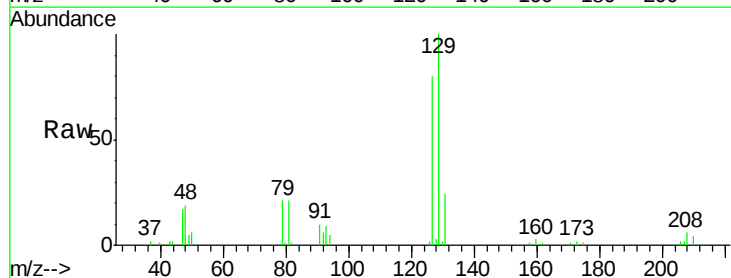
Manual Integrations
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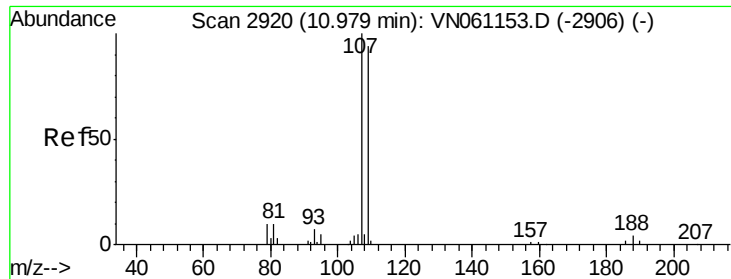
MMDadoda
4/29/2020 2:58:09 PM



#60
Dibromochloromethane
Concen: 18.442 ug/l
RT: 10.87 min Scan# 2887
Delta R.T. 0.00 min
Lab File: VN061160.D
Acq: 28 Apr 2020 13:45

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.5	39.3	117.8





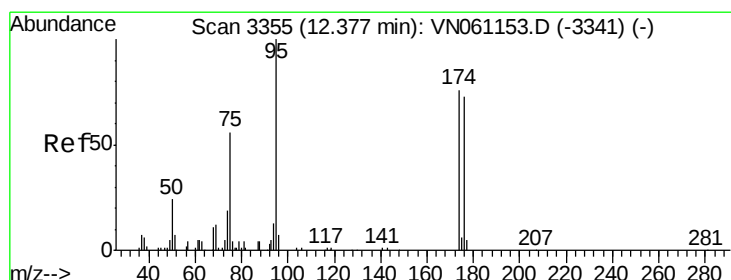
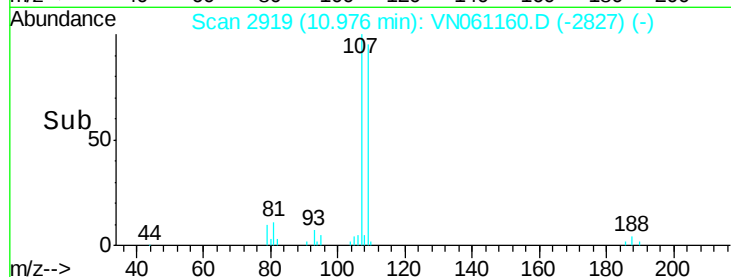
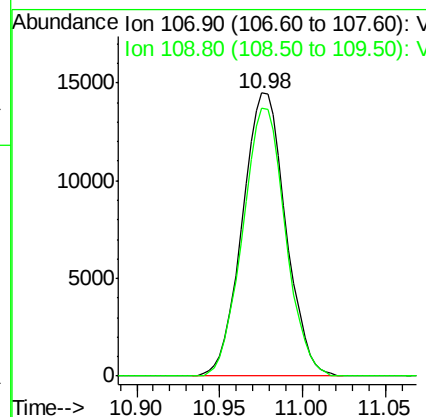
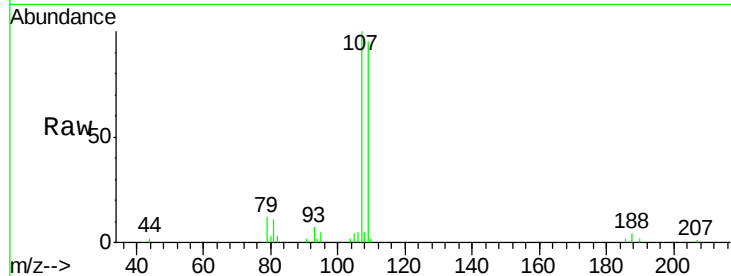
#61
 1,2-Dibromoethane
 Concen: 18.414 ug/l
 RT: 10.98 min Scan# 2919
 Delta R.T. -0.00 min
 Lab File: VN061160.D
 Acq: 28 Apr 2020 13:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0428WBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.3	74.8	112.2

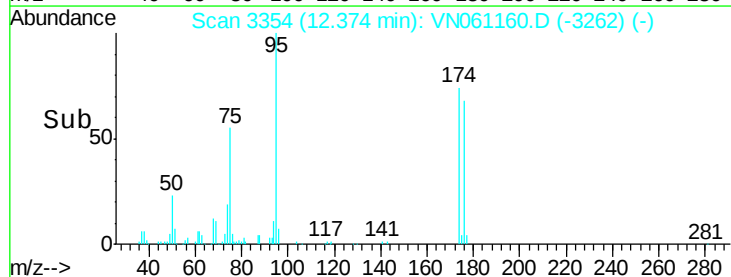
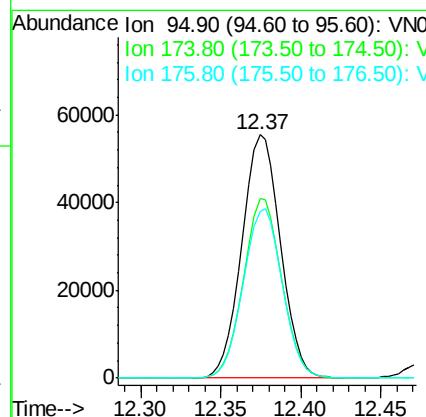
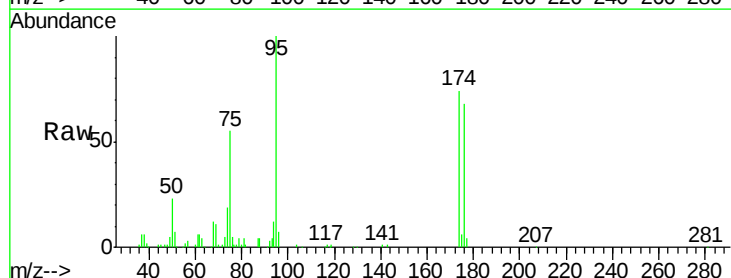
Manual Integrations
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#62
 4-Bromofluorobenzene
 Concen: 50.570 ug/l
 RT: 12.37 min Scan# 3354
 Delta R.T. -0.00 min
 Lab File: VN061160.D
 Acq: 28 Apr 2020 13:45

Tgt Ion	Ratio	Lower	Upper
95	100		
174	72.8	0.0	149.4
176	70.3	0.0	144.8





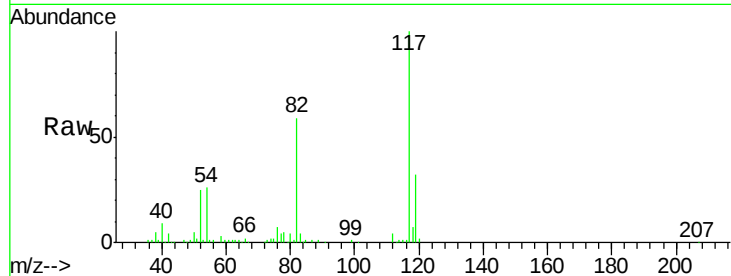
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 3045
Delta R.T. 0.00 min
Lab File: VN061160.D
Acq: 28 Apr 2020 13:45

Instrument :
MSVOA_N
ClientSampleId :
VN0428WBS01

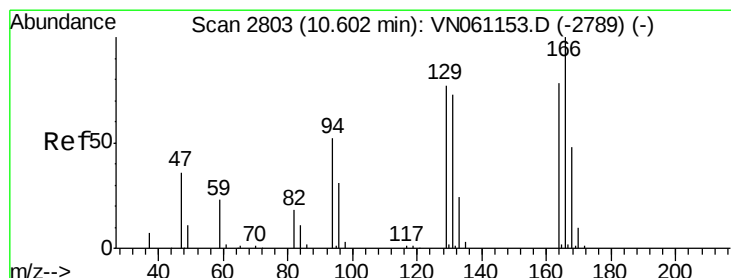
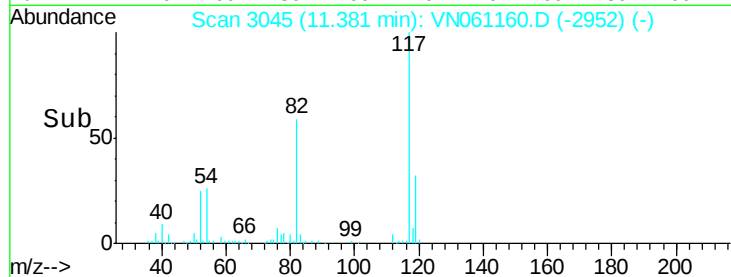
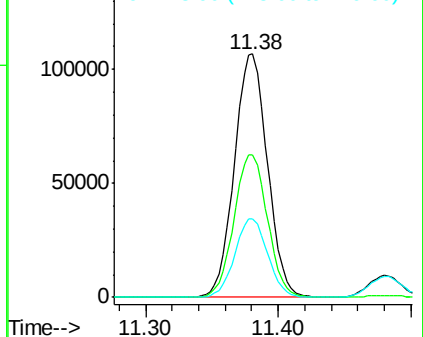
Tot Ion	Ratio	Lower	Upper
117	100		
82	58.7	47.8	71.8
119	32.2	25.8	38.6

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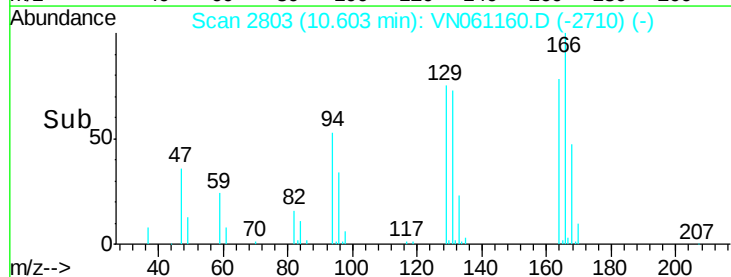
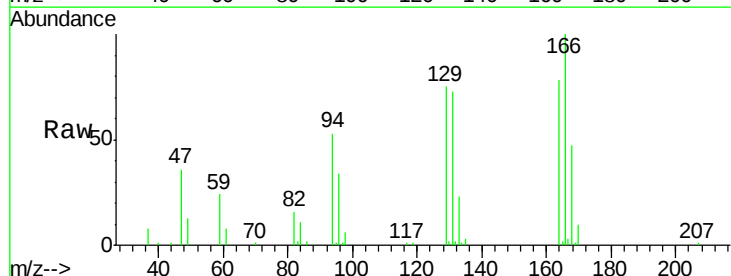
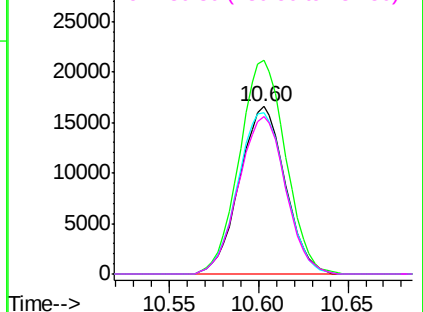
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

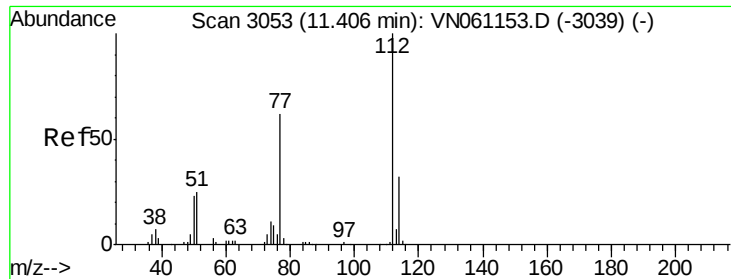


#64
Tetrachloroethene
Concen: 18.387 ug/l
RT: 10.60 min Scan# 2803
Delta R.T. 0.00 min
Lab File: VN061160.D
Acq: 28 Apr 2020 13:45

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.7	102.0	153.0
129	96.3	78.2	117.2
131	93.8	74.5	111.7

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 18.758 ug/l

RT: 11.41 min Scan# 3053

Delta R.T. 0.00 min

Lab File: VN061160.D

Acq: 28 Apr 2020 13:45

Instrument :

MSVOA_N

ClientSampleId :

VN0428WBS01

Tot Ion:112 Resp: 68863

Ion Ratio Lower Upper

112 100

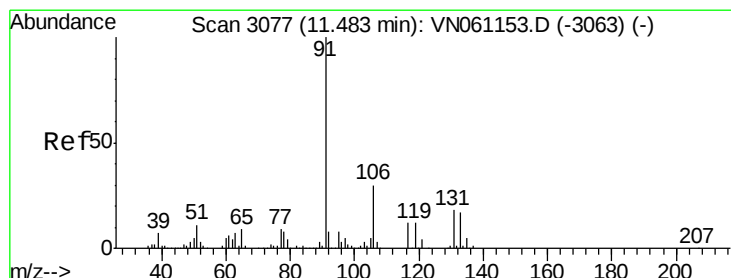
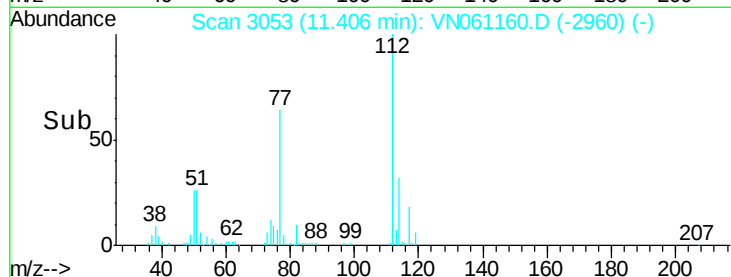
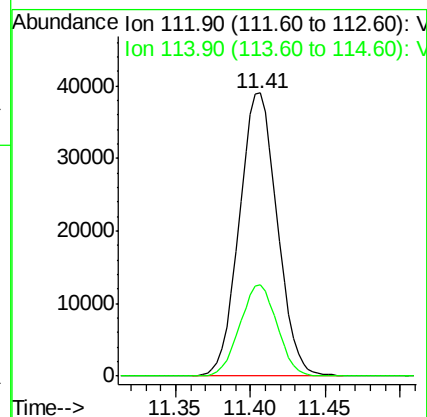
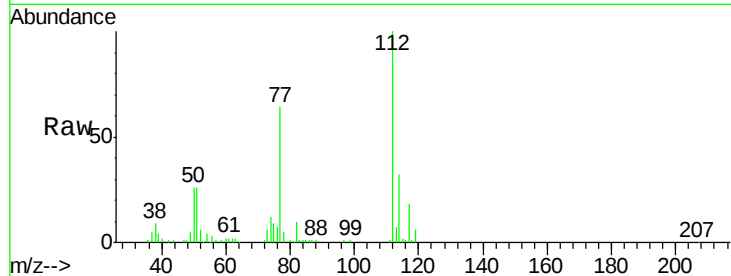
114 32.4 25.4 38.2

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#66

1,1,1,2-Tetrachloroethane

Concen: 18.921 ug/l

RT: 11.48 min Scan# 3076

Delta R.T. -0.00 min

Lab File: VN061160.D

Acq: 28 Apr 2020 13:45

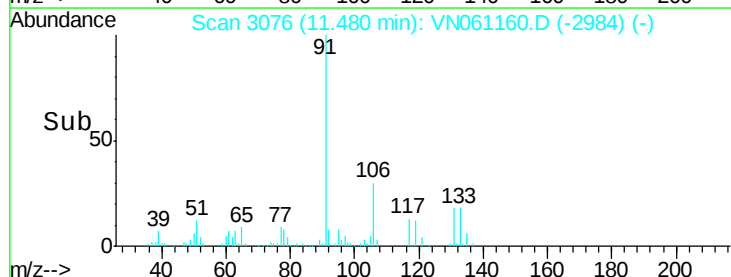
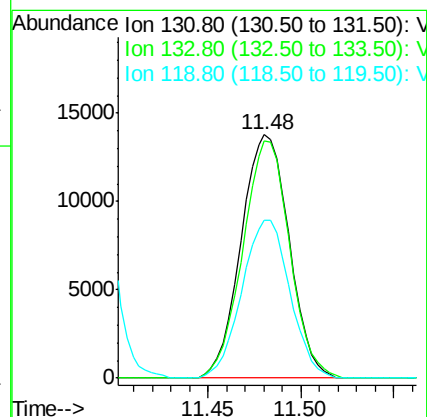
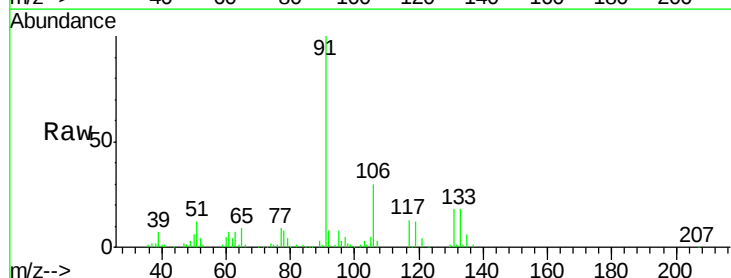
Tgt Ion:131 Resp: 24860

Ion Ratio Lower Upper

131 100

133 95.1 48.0 144.2

119 64.8 32.6 97.8





#67

Ethyl Benzene

Concen: 19.022 ug/l

RT: 11.48 min Scan# 3077

Delta R.T. 0.00 min

Lab File: VN061160.D

Acq: 28 Apr 2020 13:45

Instrument :

MSVOA_N

ClientSampleId :

VN0428WBS01

Tot Ion: 91 Resp: 130724

Ion Ratio Lower Upper

91 100

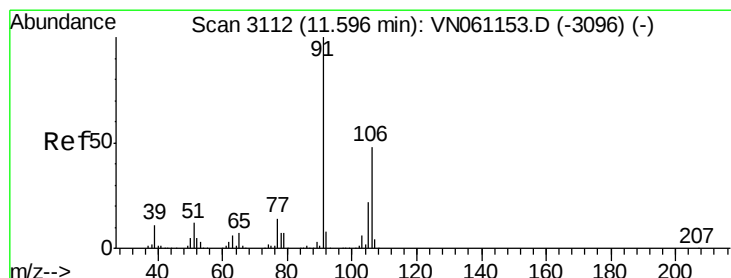
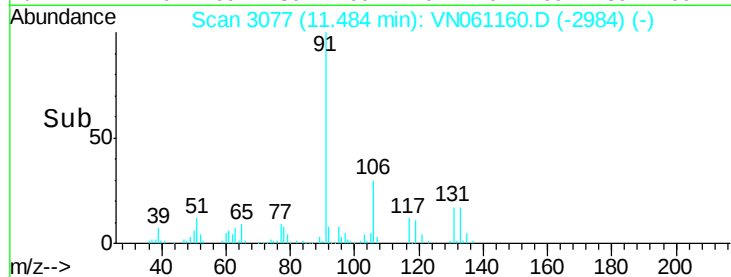
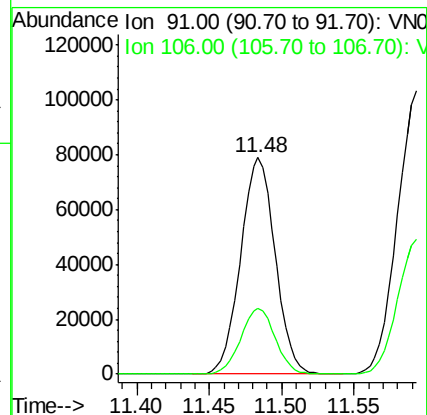
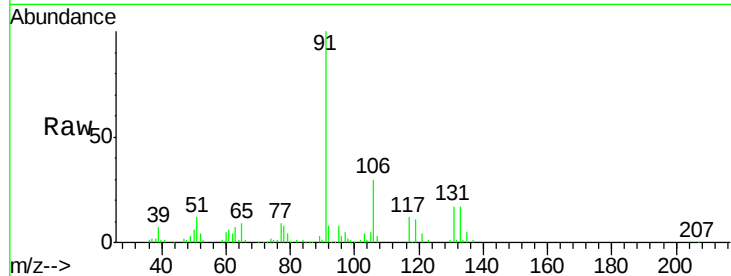
106 30.4 23.8 35.6

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#68

m/p-Xylenes

Concen: 37.887 ug/l

RT: 11.59 min Scan# 3111

Delta R.T. -0.00 min

Lab File: VN061160.D

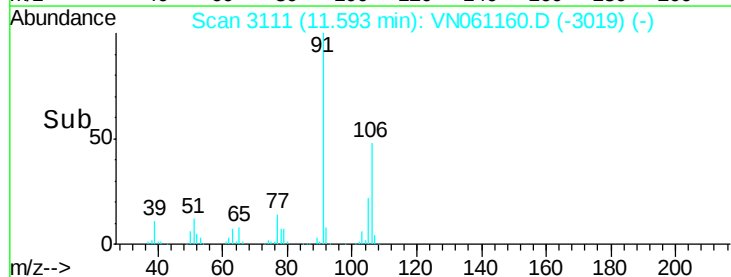
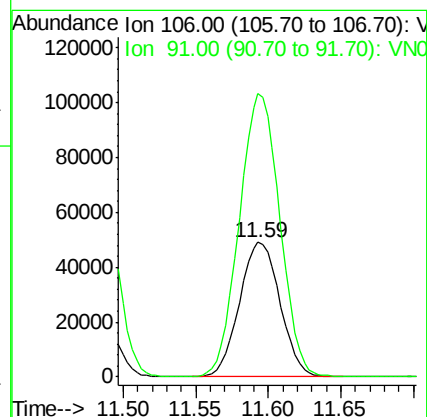
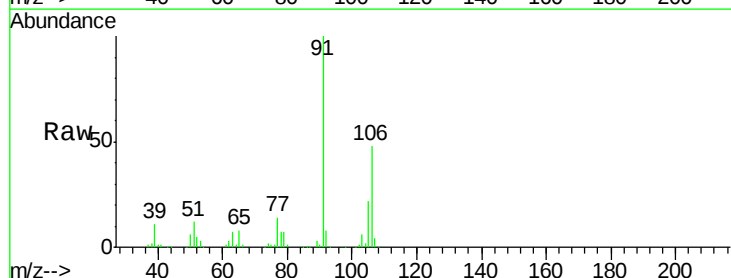
Acq: 28 Apr 2020 13:45

Tgt Ion: 106 Resp: 95301

Ion Ratio Lower Upper

106 100

91 210.6 166.4 249.6





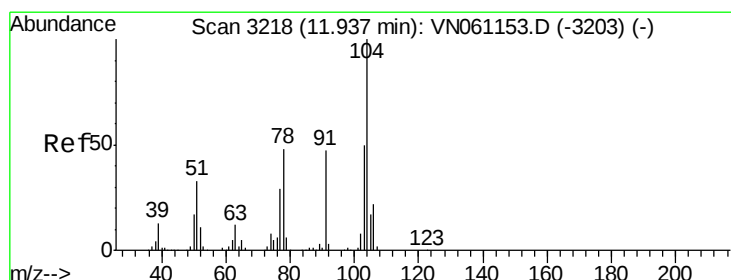
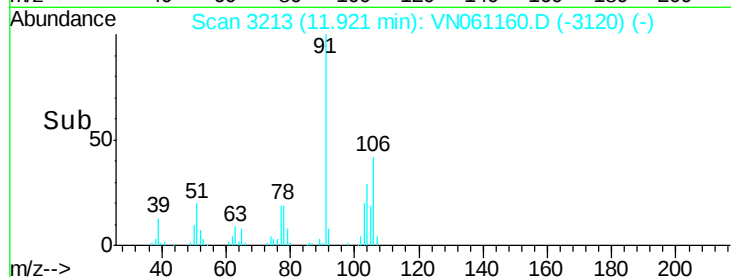
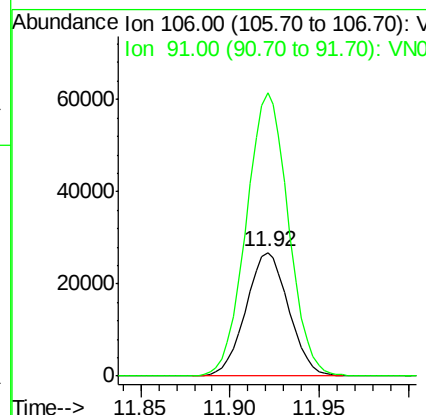
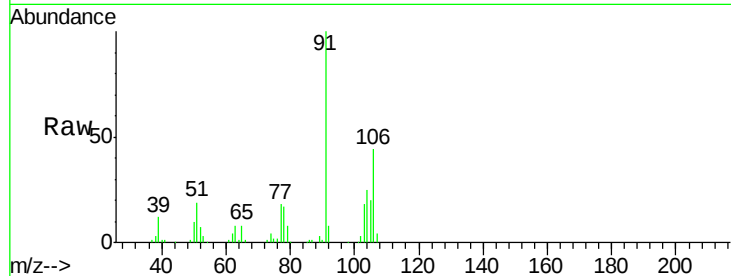
#69
o-Xylene
Concen: 18.569 ug/l
RT: 11.92 min Scan# 3213
Delta R.T. 0.00 min
Lab File: VN061160.D
Acq: 28 Apr 2020 13:45

Instrument :
MSVOA_N
ClientSampleId :
VN0428WBS01

Tot Ion:106 Resp: 44867
Ion Ratio Lower Upper
106 100
91 226.1 109.7 329.0

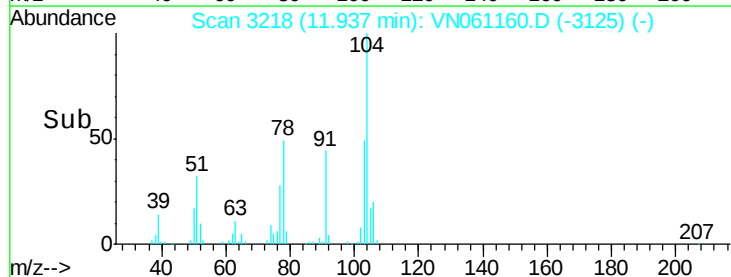
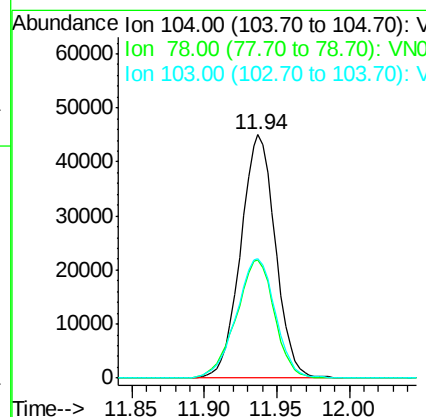
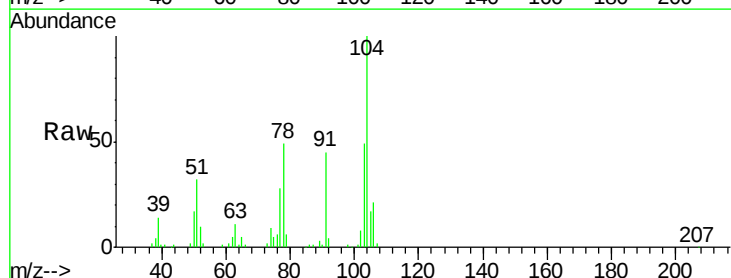
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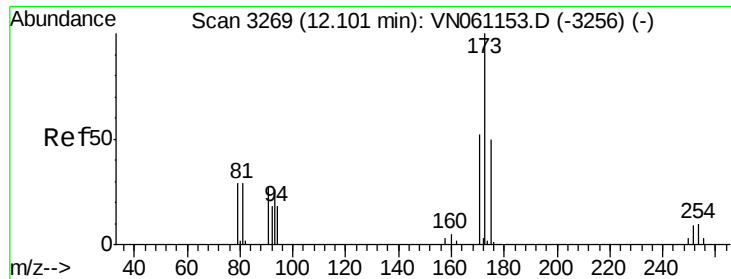
MMDadoda
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#70
Styrene
Concen: 18.545 ug/l
RT: 11.94 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN061160.D
Acq: 28 Apr 2020 13:45

Tgt Ion:104 Resp: 74998
Ion Ratio Lower Upper
104 100
78 53.4 42.1 63.1
103 55.0 43.3 64.9





#71

Bromoform

Concen: 17.977 ug/l

RT: 12.10 min Scan# 3269

Delta R.T. 0.00 min

Lab File: VN061160.D

Acq: 28 Apr 2020 13:45

Instrument :

MSVOA_N

ClientSampleId :

VN0428WBS01

Tot Ion:173 Resp: 17359

Ion Ratio Lower Upper

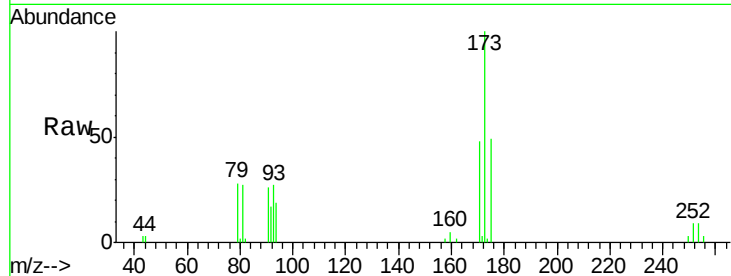
173 100

175 49.5 24.1 72.4

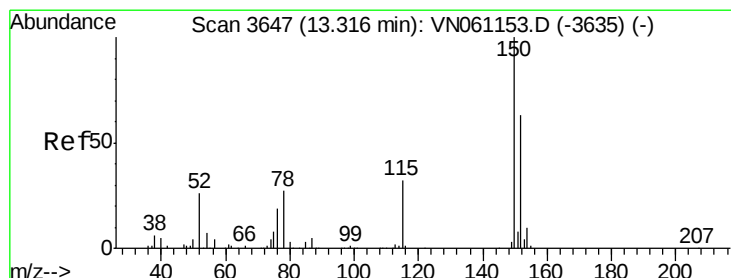
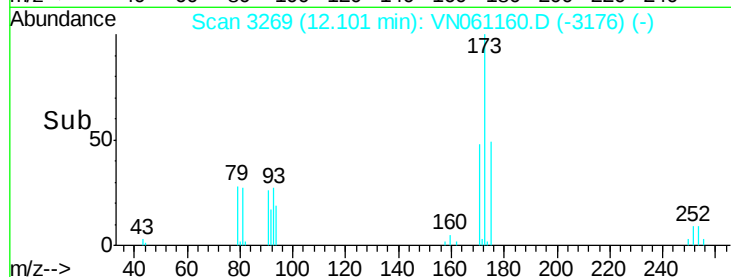
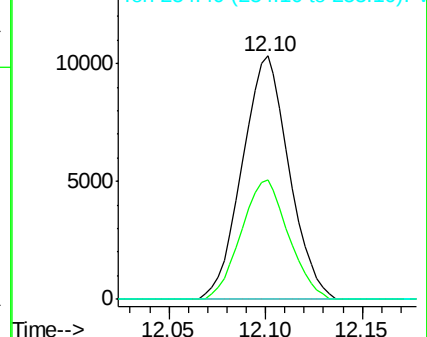
254 0.0 0.0 0.0

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3647

Delta R.T. 0.00 min

Lab File: VN061160.D

Acq: 28 Apr 2020 13:45

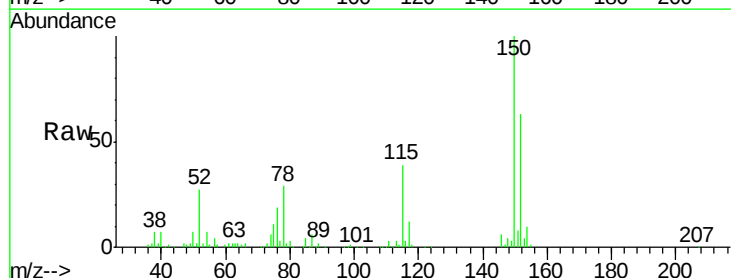
Tgt Ion:152 Resp: 88228

Ion Ratio Lower Upper

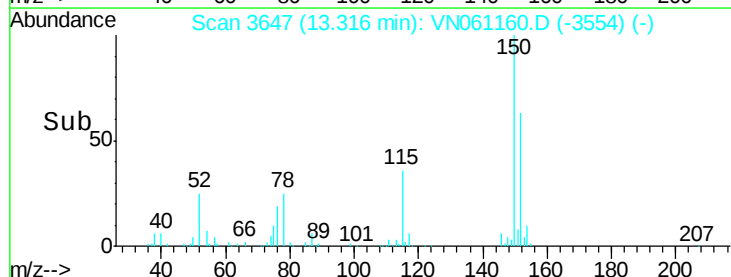
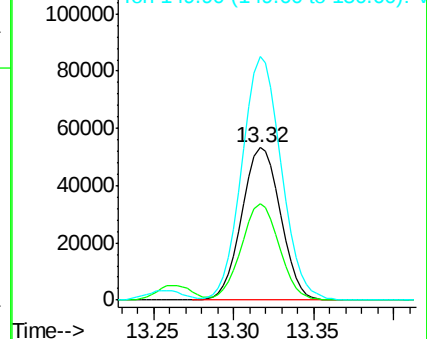
152 100

115 61.7 31.0 93.0

150 162.6 0.0 351.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.133 ug/l

RT: 12.22 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN061160.D

Acq: 28 Apr 2020 13:45

Instrument :

MSVOA_N

ClientSampled :

VN0428WBS01

Tot Ion: 105 Resp: 124097

Ion Ratio Lower Upper

105 100

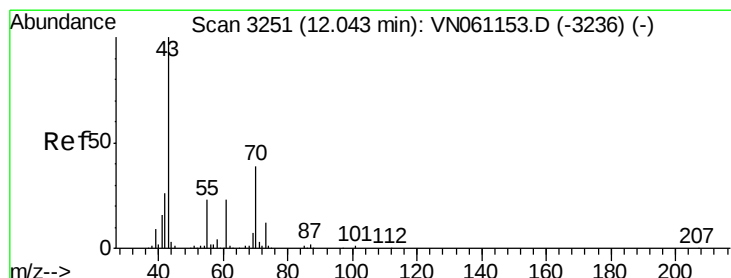
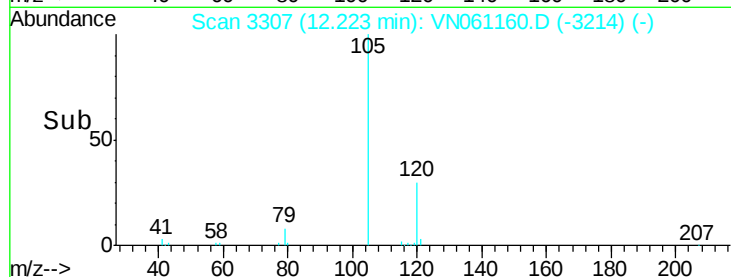
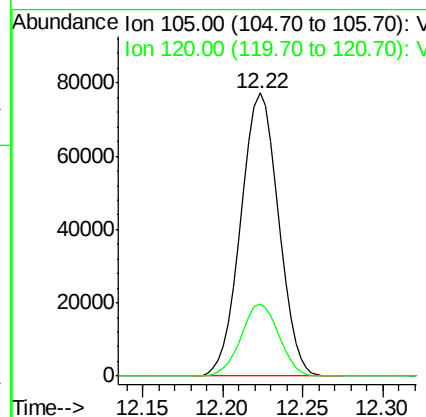
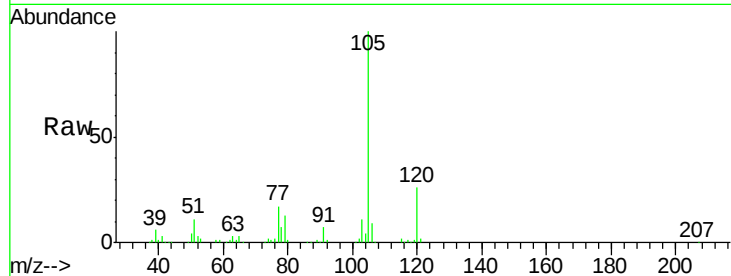
120 25.5 12.6 37.8

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#74

N-ethyl acetate

Concen: 17.701 ug/l

RT: 12.04 min Scan# 3251

Delta R.T. 0.00 min

Lab File: VN061160.D

Acq: 28 Apr 2020 13:45

Tgt Ion: 43 Resp: 58137

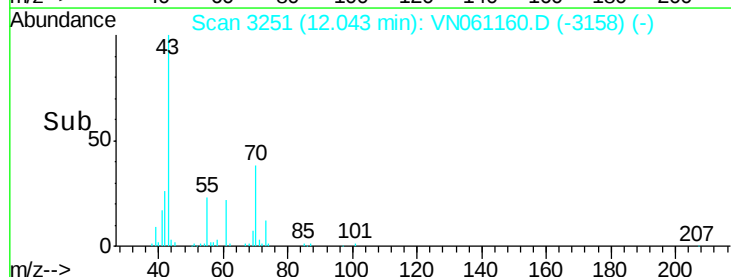
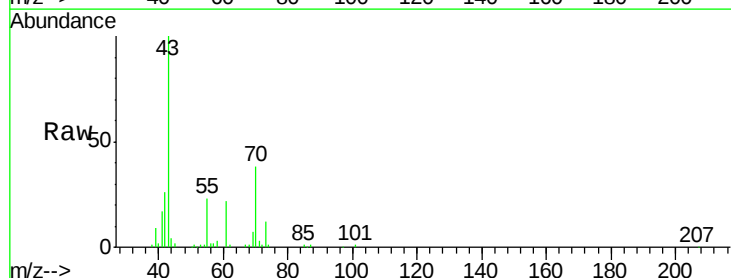
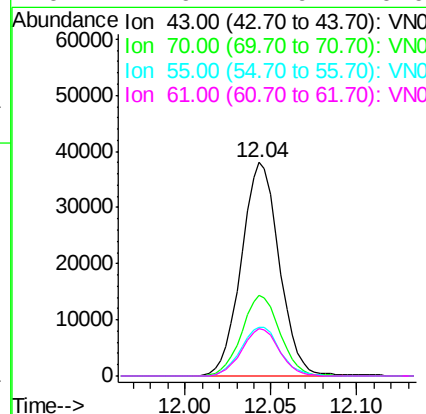
Ion Ratio Lower Upper

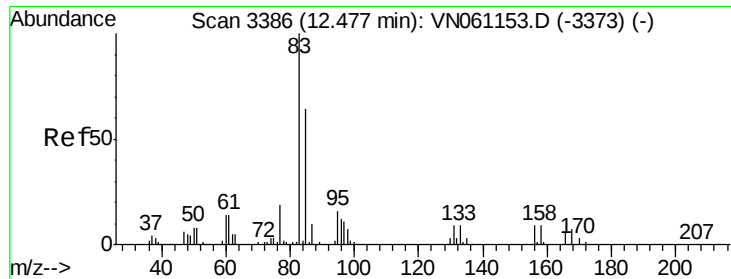
43 100

70 38.1 30.6 46.0

55 23.5 18.5 27.7

61 21.9 17.9 26.9





#75

1,1,2,2-Tetrachloroethane

Concen: 18.284 ug/l

RT: 12.48 min Scan# 3386

Delta R.T. 0.00 min

Lab File: VN061160.D

Acq: 28 Apr 2020 13:45

Instrument :

MSVOA_N

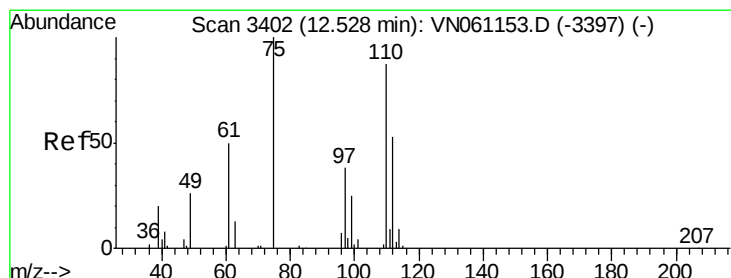
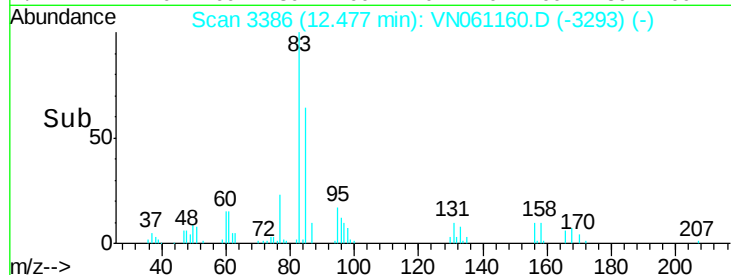
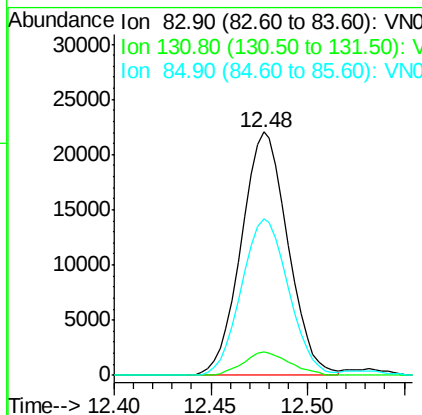
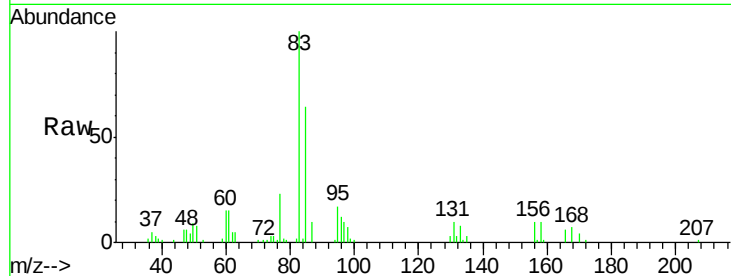
ClientSampleId :

VN0428WBS01

Tot Ion:	83	Resp:	36979
Ion Ratio	Lower	Upper	
83	100		
131	9.5	4.8	14.3
85	65.0	32.0	96.0

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#76

1,2,3-Trichloropropane

Concen: 19.071 ug/l m

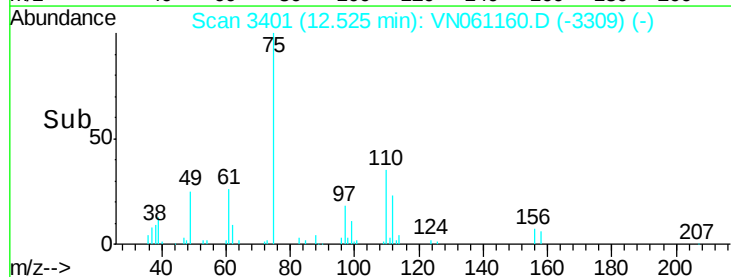
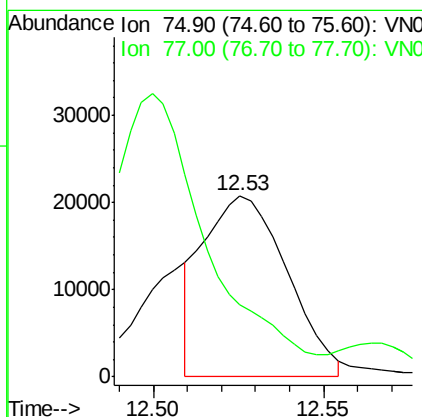
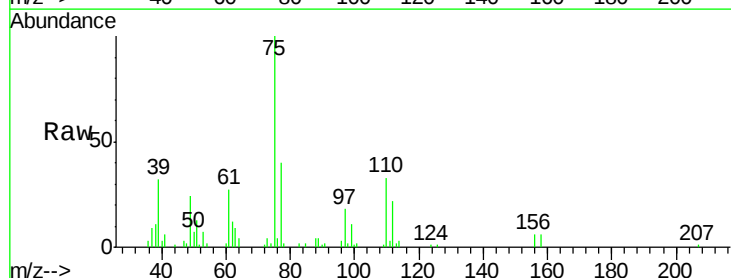
RT: 12.53 min Scan# 3401

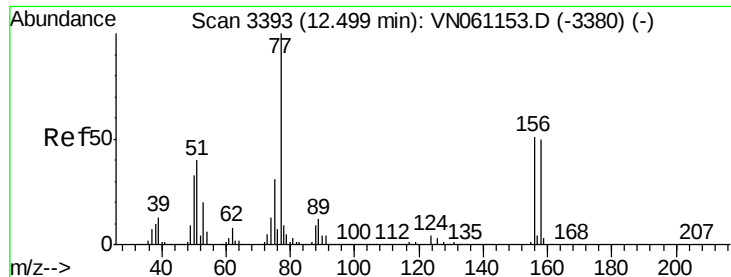
Delta R.T. -0.00 min

Lab File: VN061160.D

Acq: 28 Apr 2020 13:45

Tgt Ion:	75	Resp:	35474
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.088 ug/l

RT: 12.50 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN061160.D

Acq: 28 Apr 2020 13:45

Instrument :

MSVOA_N

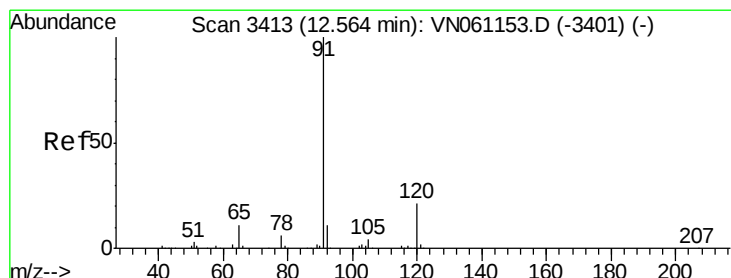
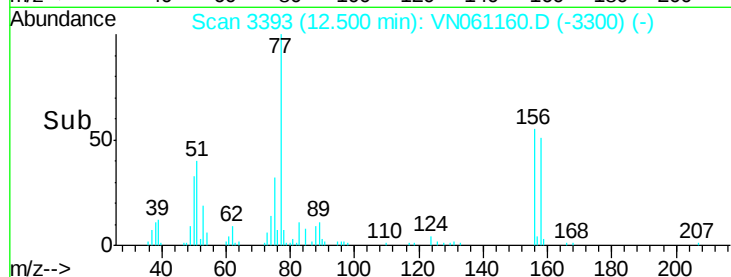
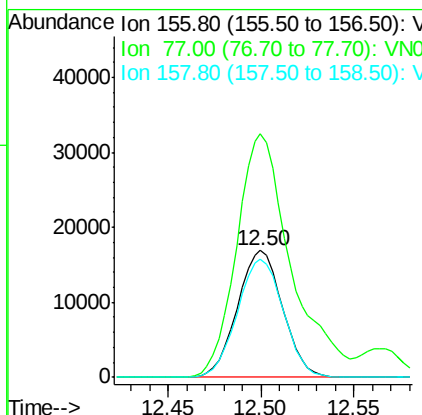
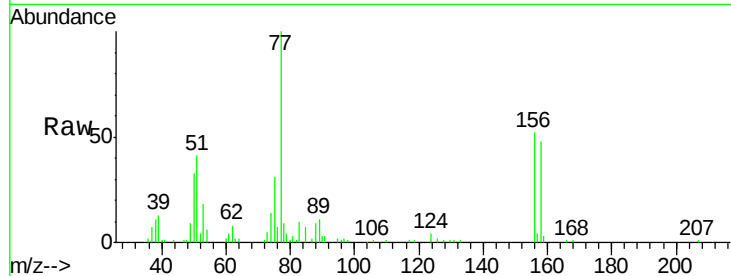
ClientSampleId :

VN0428WBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	231.7	117.4	352.2
158	94.6	48.4	145.0

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#78

n-propylbenzene

Concen: 19.184 ug/l

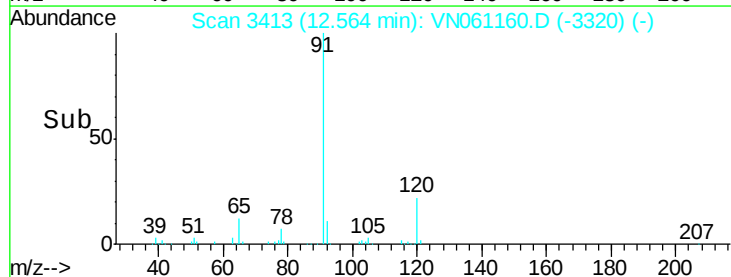
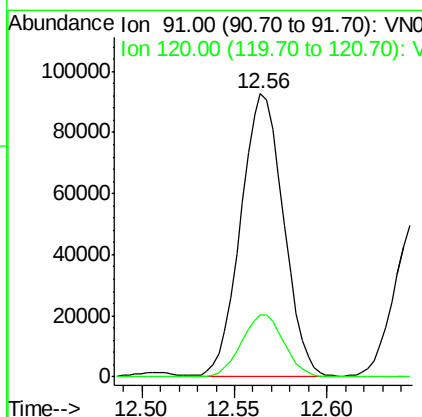
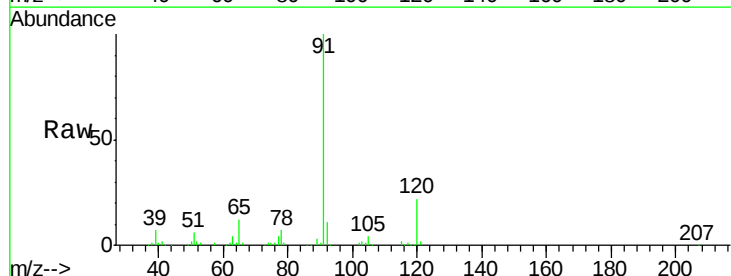
RT: 12.56 min Scan# 3413

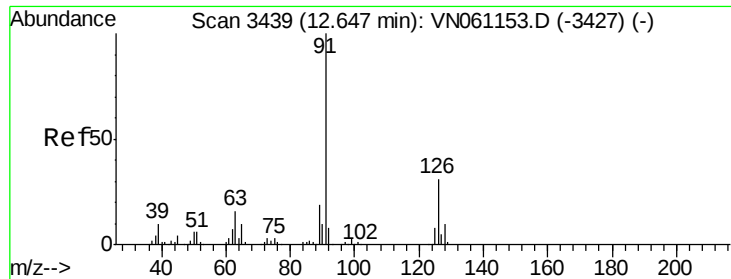
Delta R.T. 0.00 min

Lab File: VN061160.D

Acq: 28 Apr 2020 13:45

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.9	10.8	32.3





#79

2-Chlorotoluene

Concen: 19.095 ug/l

RT: 12.65 min Scan# 3439

Delta R.T. 0.00 min

Lab File: VN061160.D

Acq: 28 Apr 2020 13:45

Instrument :

MSVOA_N

ClientSampleId :

VN0428WBS01

Tot Ion: 91 Resp: 86344

Ion Ratio Lower Upper

91 100

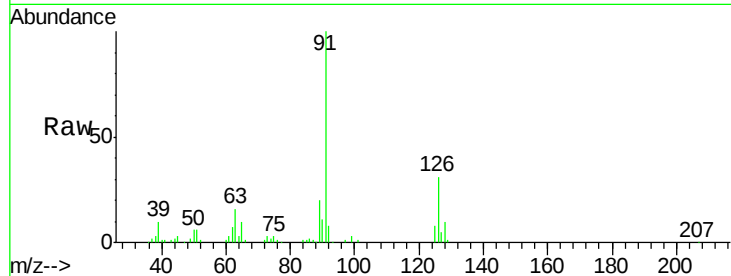
126 31.7 15.9 47.7

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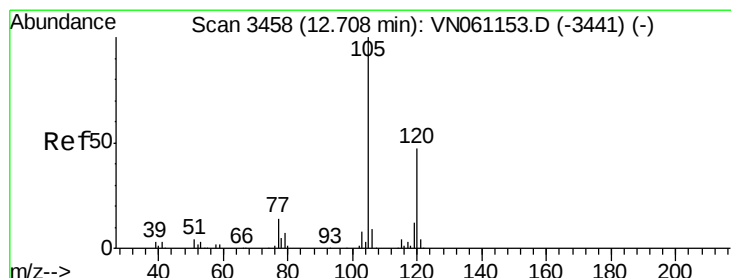
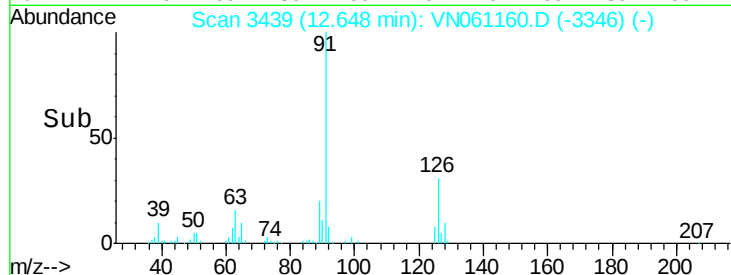
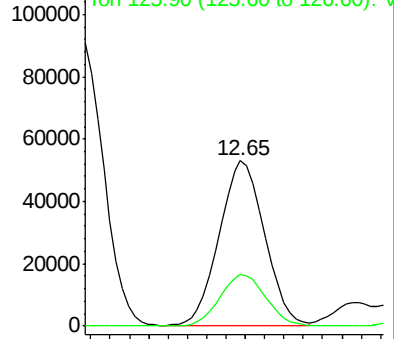
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Abundance Ion 91.00 (90.70 to 91.70): VN061153.D (-3427) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.354 ug/l

RT: 12.71 min Scan# 3458

Delta R.T. 0.00 min

Lab File: VN061160.D

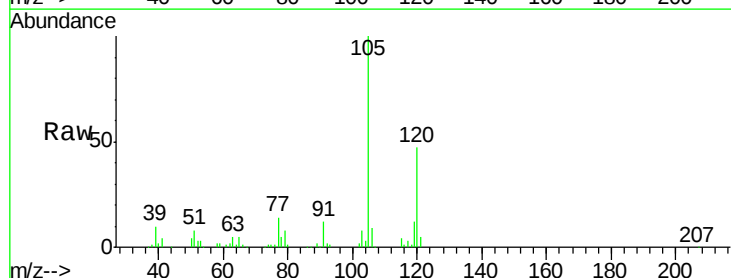
Acq: 28 Apr 2020 13:45

Tgt Ion: 105 Resp: 103899

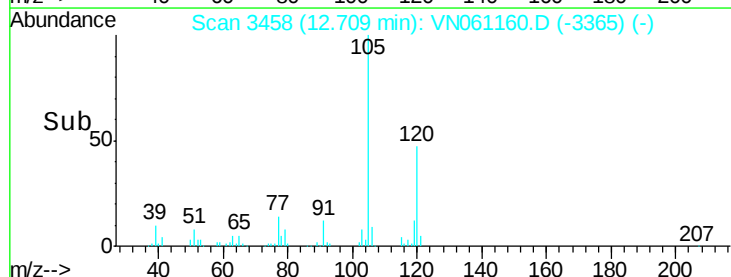
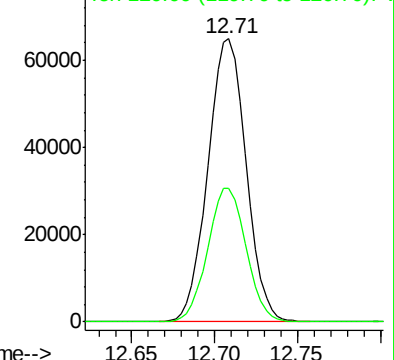
Ion Ratio Lower Upper

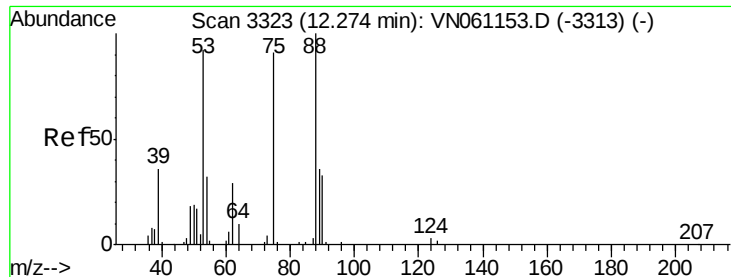
105 100

120 47.4 23.9 71.7



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





#81

trans-1,4-Dichloro-2-butene

Concen: 17.710 ug/l

RT: 12.27 min Scan# 3323

Delta R.T. 0.00 min

Lab File: VN061160.D

Acq: 28 Apr 2020 13:45

Instrument :

MSVOA_N

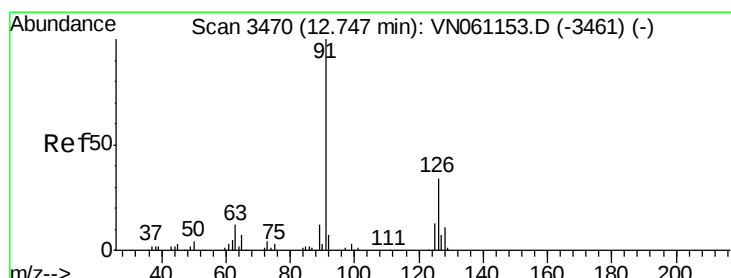
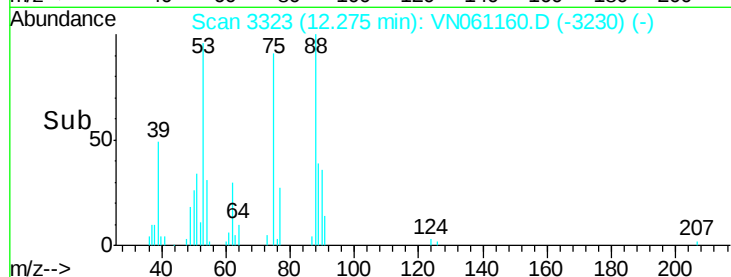
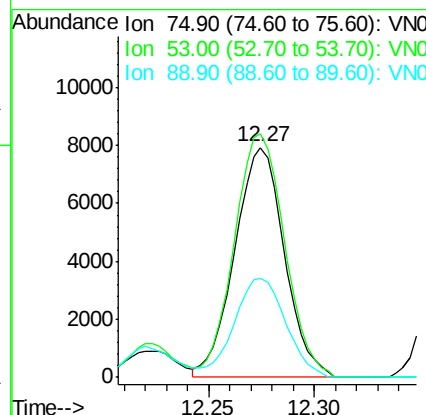
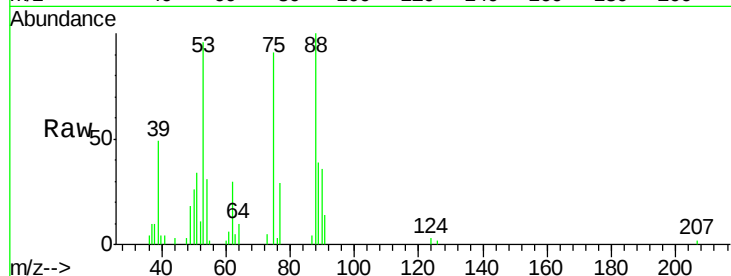
ClientSampleId :

VN0428WBS01

Tot Ion:	75	Resp:	12972
Ion	Ratio	Lower	Upper
75	100		
53	107.8	84.1	126.1
89	44.5	35.2	52.8

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#82

4-Chlorotoluene

Concen: 18.817 ug/l

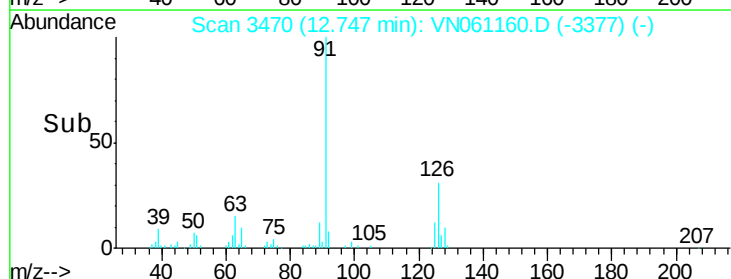
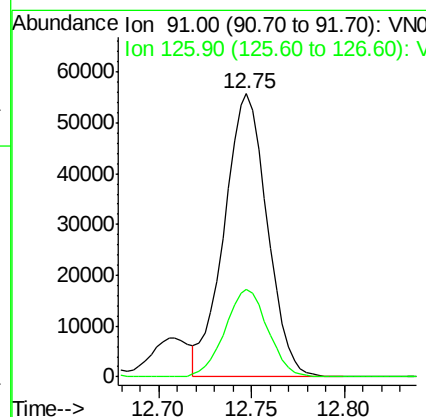
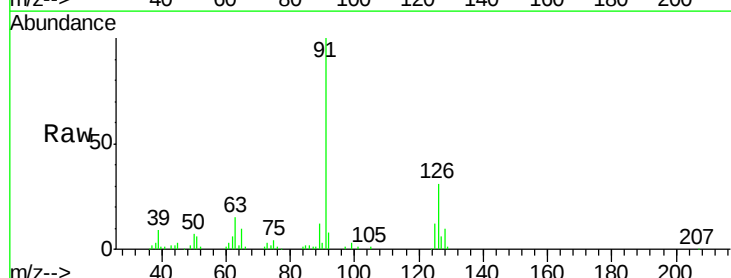
RT: 12.75 min Scan# 3470

Delta R.T. 0.00 min

Lab File: VN061160.D

Acq: 28 Apr 2020 13:45

Tgt Ion:	91	Resp:	89681
Ion	Ratio	Lower	Upper
91	100		
126	30.7	15.7	47.1





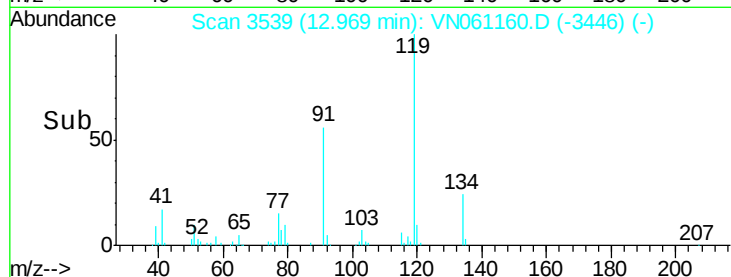
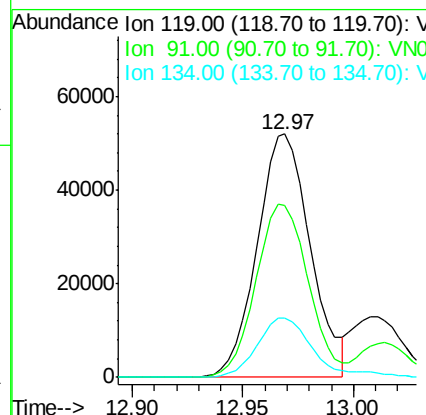
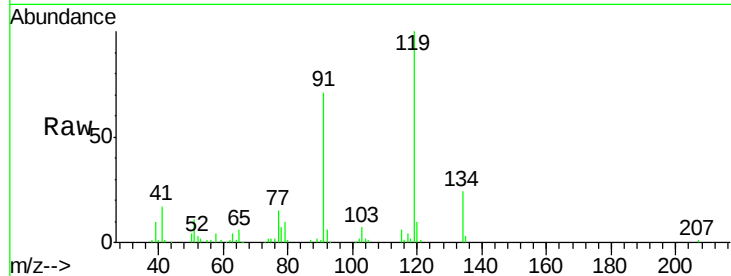
#83
tert-Butylbenzene
Concen: 19.168 ug/l
RT: 12.97 min Scan# 3539
Delta R.T. 0.00 min
Lab File: VN061160.D
Acq: 28 Apr 2020 13:45

Instrument :
MSVOA_N
ClientSampleId :
VN0428WBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	70.0	34.8	104.4
134	25.5	12.9	38.7

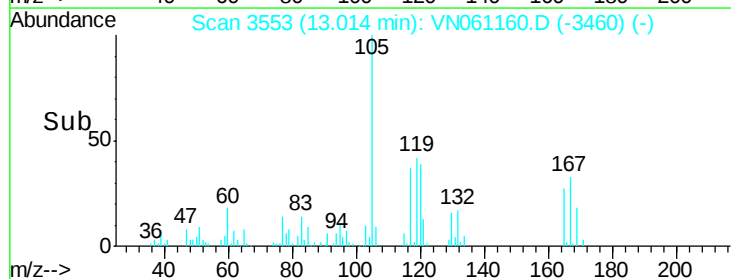
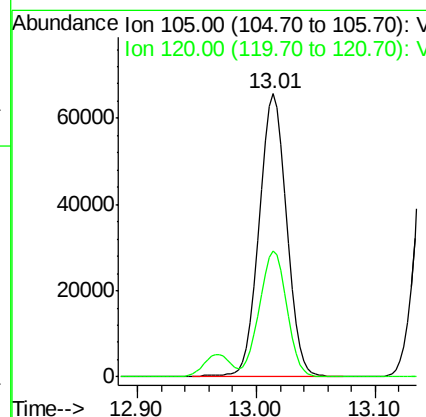
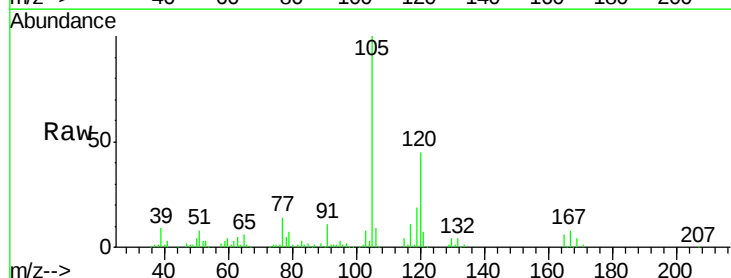
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#84
1,2,4-Trimethylbenzene
Concen: 19.083 ug/l
RT: 13.01 min Scan# 3553
Delta R.T. 0.00 min
Lab File: VN061160.D
Acq: 28 Apr 2020 13:45

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.4	22.2	66.6





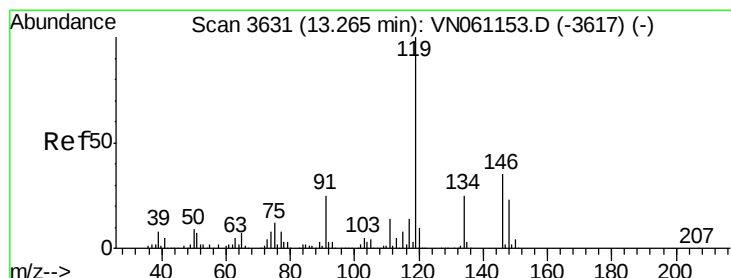
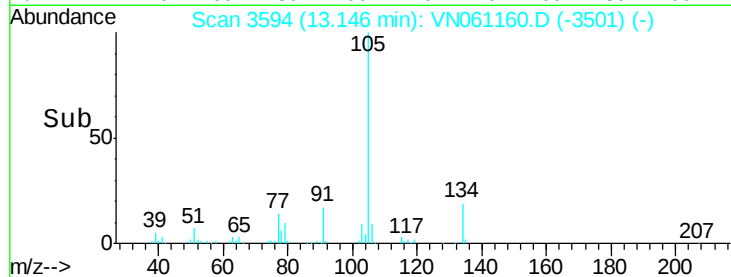
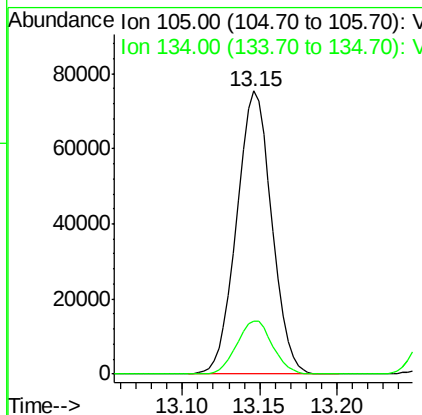
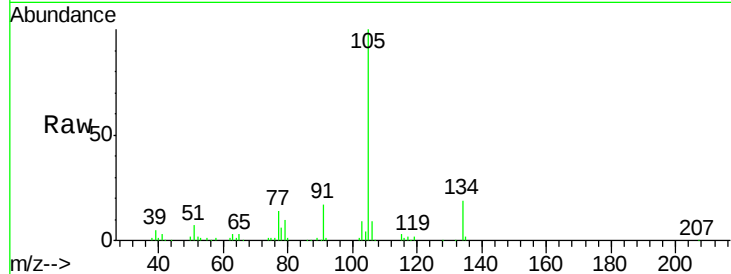
#85
 sec-Butylbenzene
 Concen: 19.243 ug/l
 RT: 13.15 min Scan# 3594
 Delta R.T. 0.00 min
 Lab File: VN061160.D
 Acq: 28 Apr 2020 13:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0428WBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.2	9.6	28.8

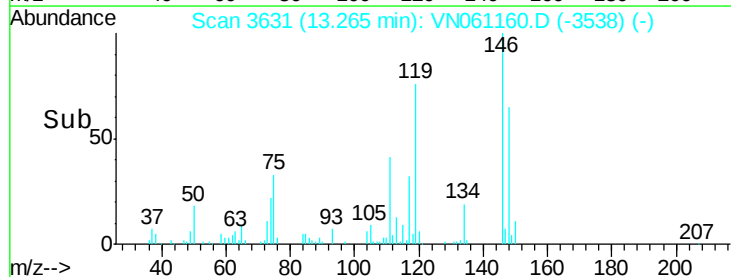
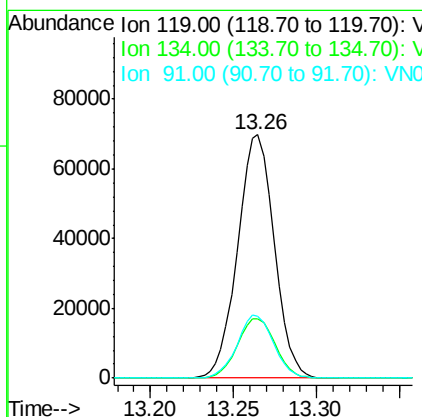
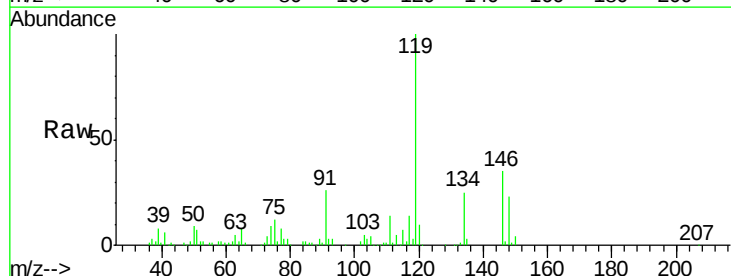
Manual Integrations
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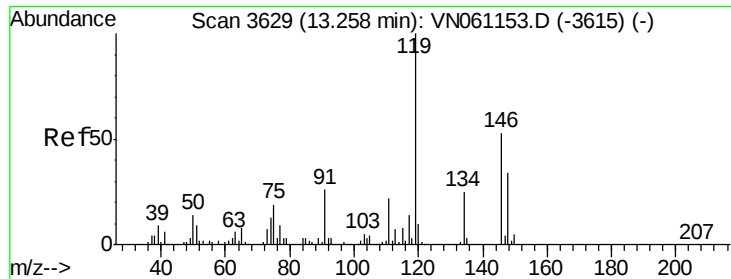
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#86
 p-Isopropyltoluene
 Concen: 19.290 ug/l
 RT: 13.26 min Scan# 3631
 Delta R.T. 0.00 min
 Lab File: VN061160.D
 Acq: 28 Apr 2020 13:45

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.3	12.6	37.6
91	25.7	12.7	38.0





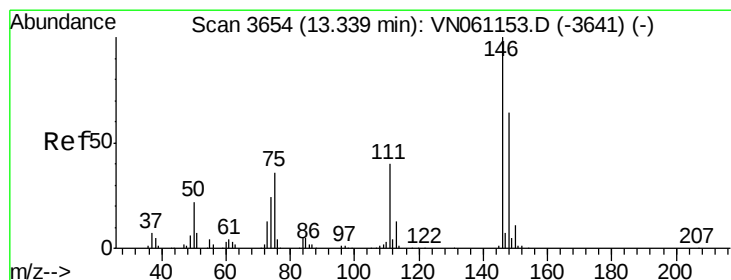
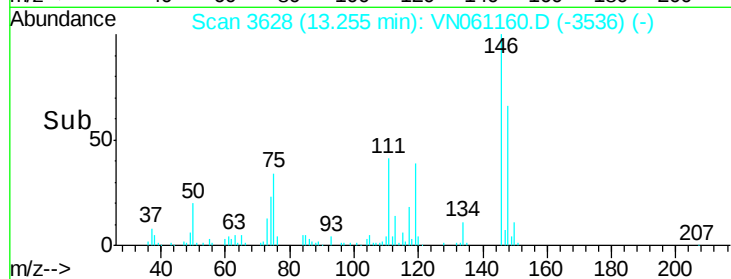
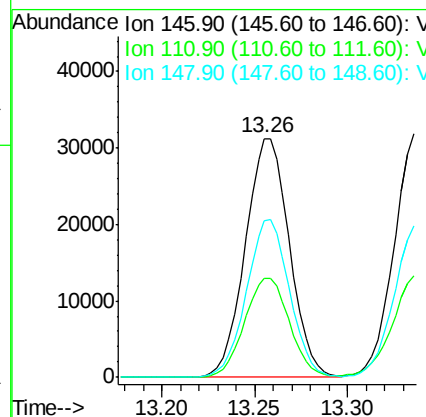
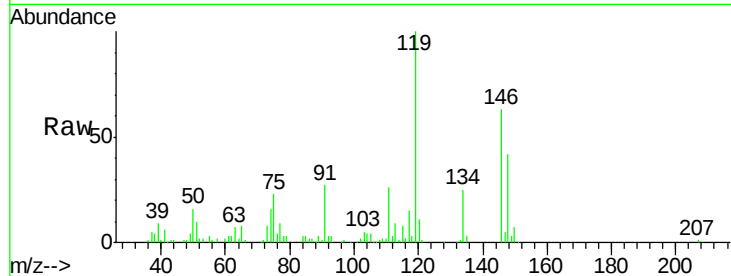
#87
 1,3-Dichlorobenzene
 Concen: 18.788 ug/l
 RT: 13.26 min Scan# 3628
 Delta R.T. -0.00 min
 Lab File: VN061160.D
 Acq: 28 Apr 2020 13:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0428WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.1	20.7	62.1
148	64.4	31.8	95.3

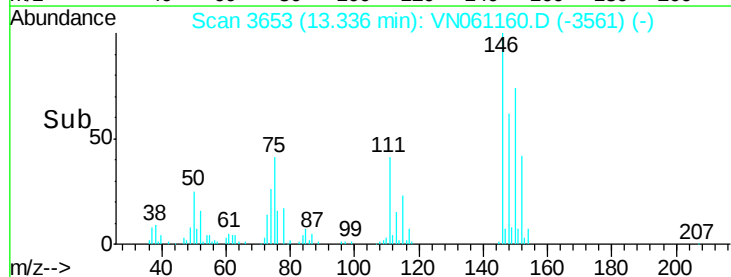
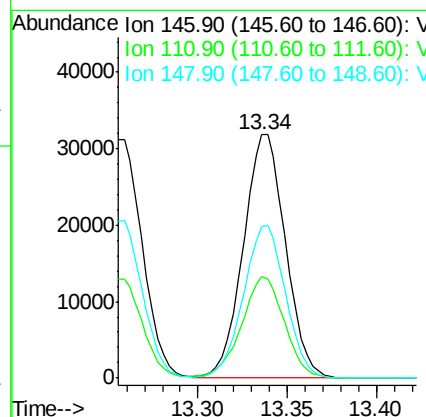
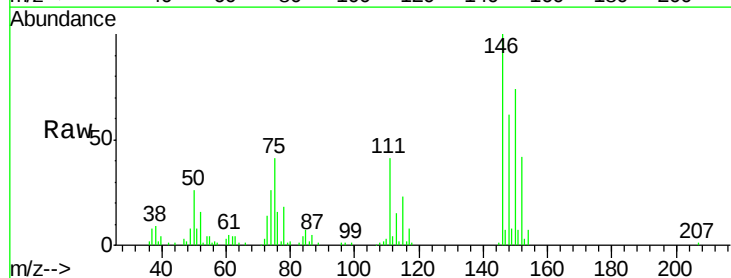
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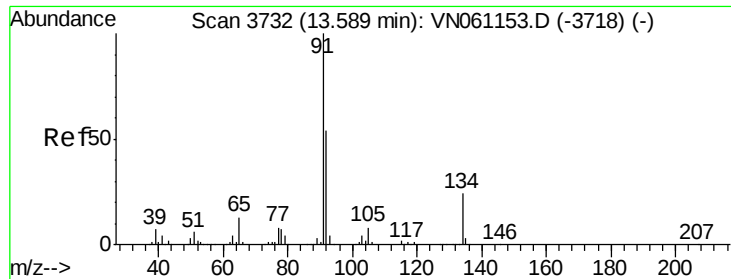
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#88
 1,4-Dichlorobenzene
 Concen: 18.675 ug/l
 RT: 13.34 min Scan# 3653
 Delta R.T. -0.00 min
 Lab File: VN061160.D
 Acq: 28 Apr 2020 13:45

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.4	20.4	61.3
148	62.9	31.9	95.7





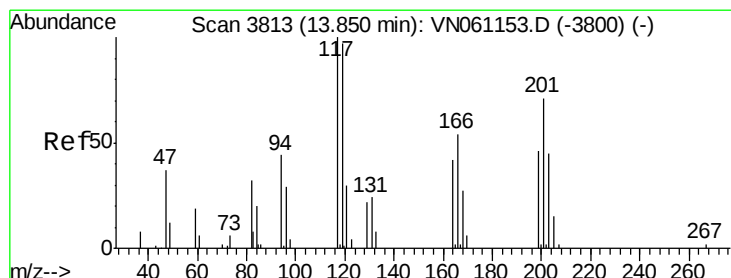
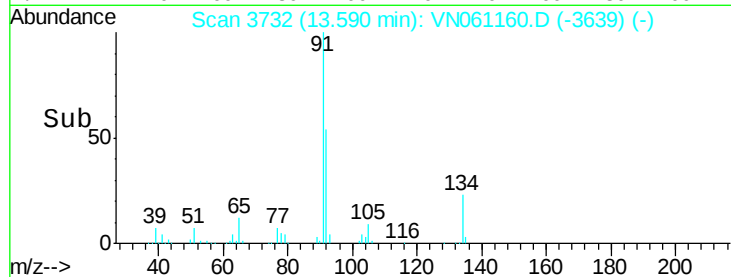
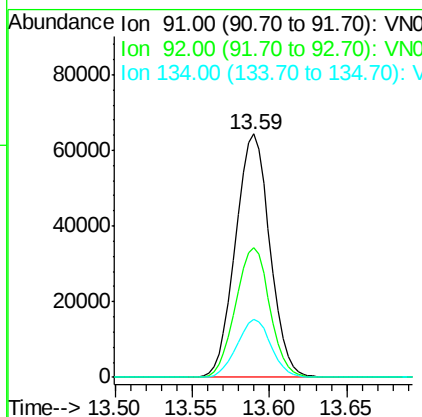
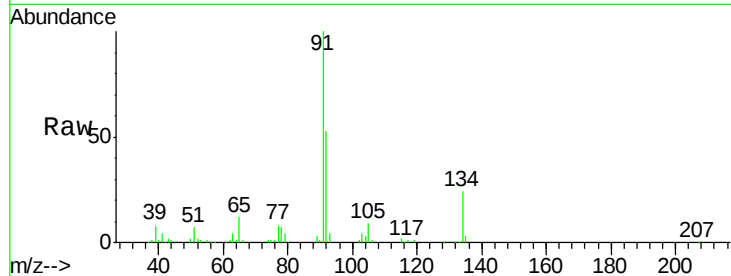
#89
n-Butylbenzene
Concen: 19.491 ug/l
RT: 13.59 min Scan# 3732
Delta R.T. 0.00 min
Lab File: VN061160.D
Acq: 28 Apr 2020 13:45

Instrument :
MSVOA_N
ClientSampleId :
VN0428WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.1	26.8	80.3
134	23.6	11.9	35.5

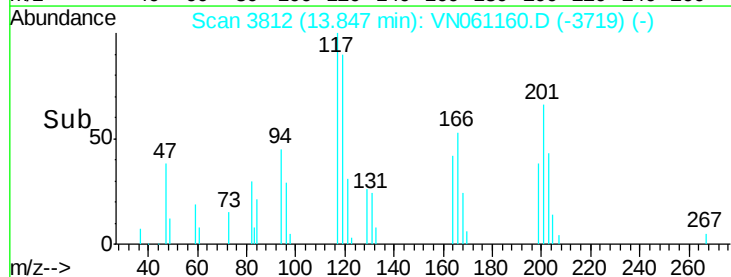
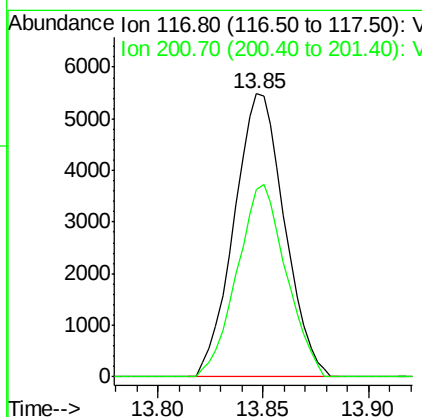
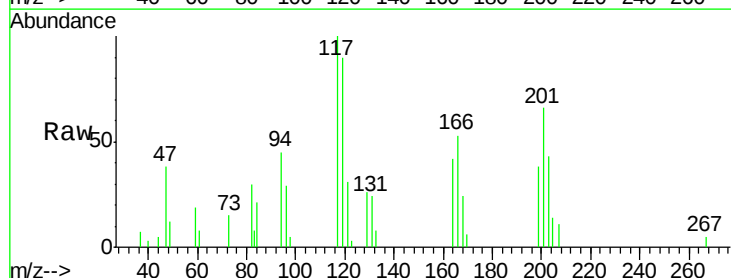
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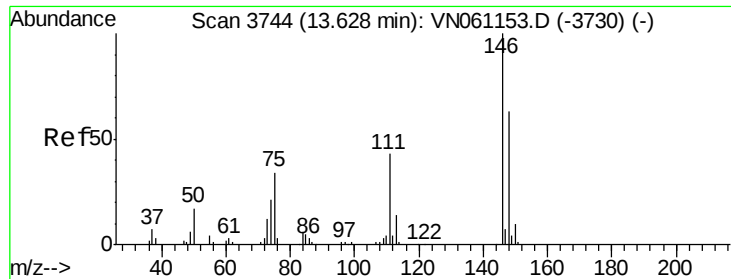
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#90
Hexachloroethane
Concen: 20.926 ug/l
RT: 13.85 min Scan# 3812
Delta R.T. -0.00 min
Lab File: VN061160.D
Acq: 28 Apr 2020 13:45

Tgt Ion	Ratio	Lower	Upper
117	100		
201	66.0	35.5	106.7





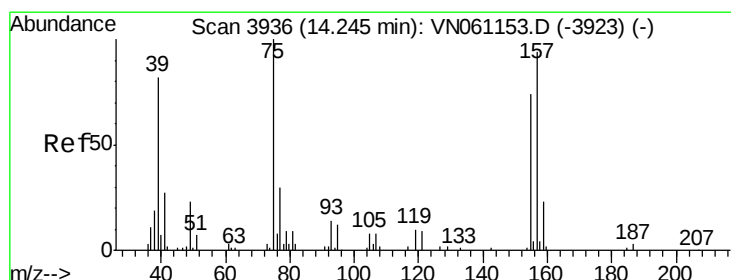
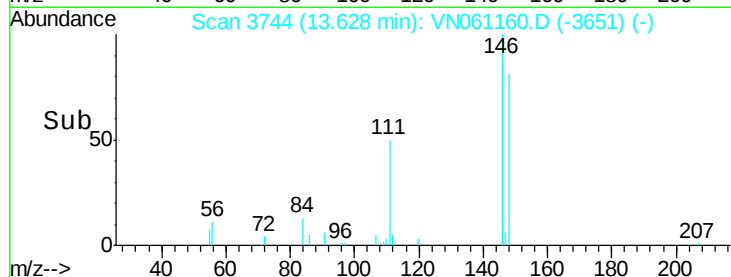
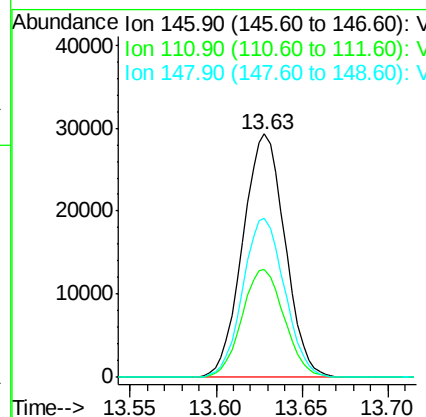
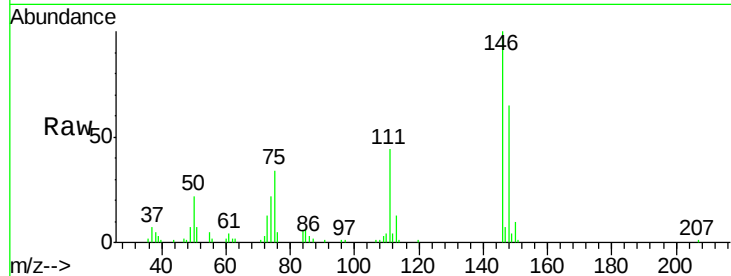
#91
 1,2-Dichlorobenzene
 Concen: 18.964 ug/l
 RT: 13.63 min Scan# 3744
 Delta R.T. 0.00 min
 Lab File: VN061160.D
 Acq: 28 Apr 2020 13:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0428WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.2	21.8	65.3
148	64.3	31.6	95.0

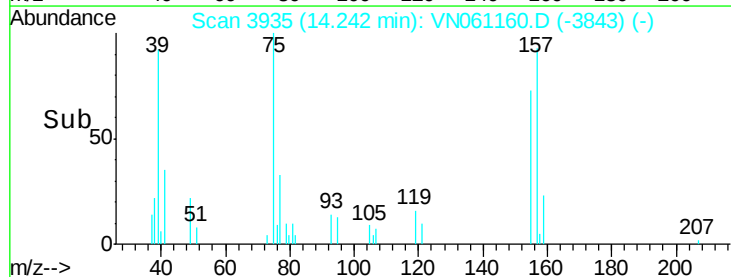
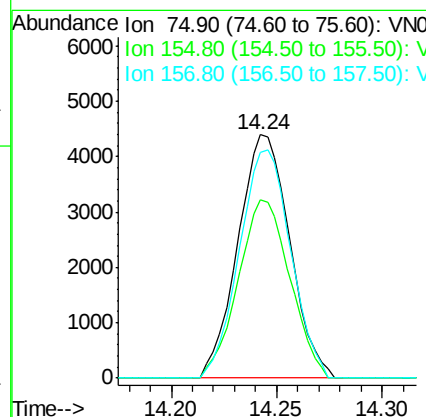
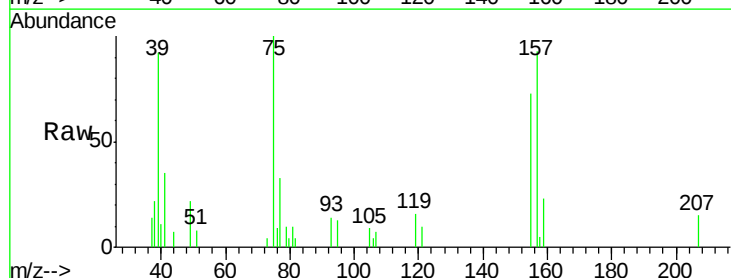
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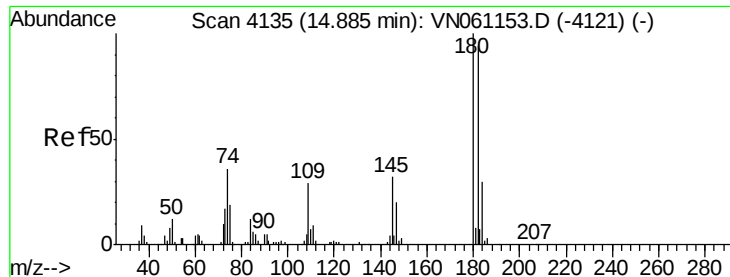
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.538 ug/l
 RT: 14.24 min Scan# 3935
 Delta R.T. -0.00 min
 Lab File: VN061160.D
 Acq: 28 Apr 2020 13:45

Tgt Ion	Ratio	Lower	Upper
75	100		
155	73.0	36.5	109.7
157	92.9	46.6	139.7





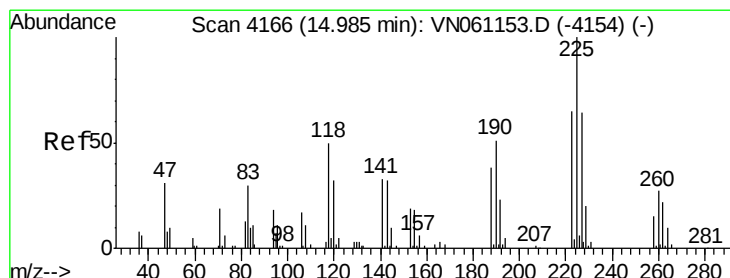
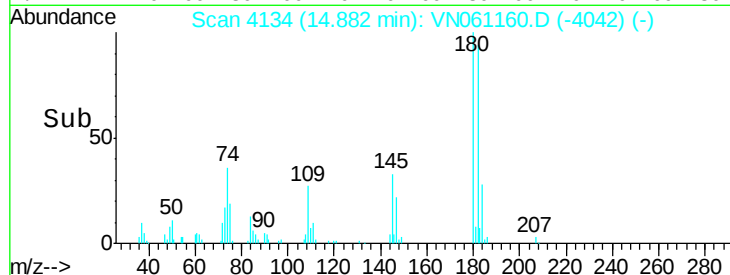
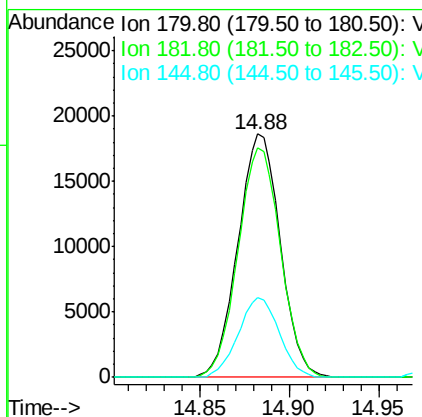
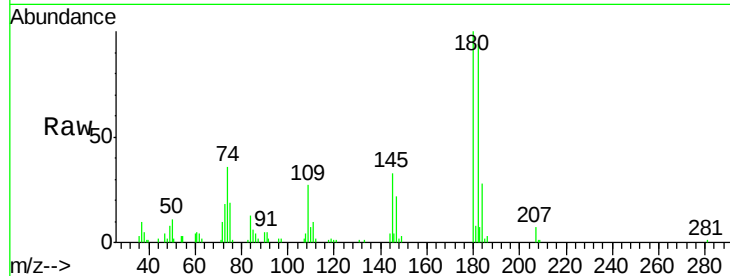
#93
 1,2,4-Trichlorobenzene
 Concen: 19.114 ug/l
 RT: 14.88 min Scan# 4134
 Delta R.T. -0.00 min
 Lab File: VN061160.D
 Acq: 28 Apr 2020 13:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0428WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	30762		
182	94.6	47.3	141.9	
145	31.7	16.0	47.9	

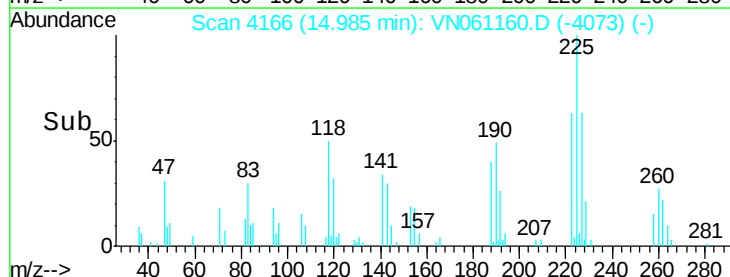
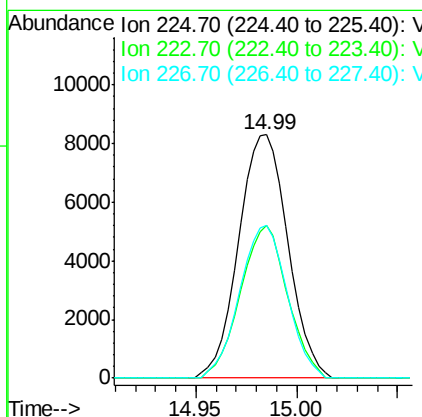
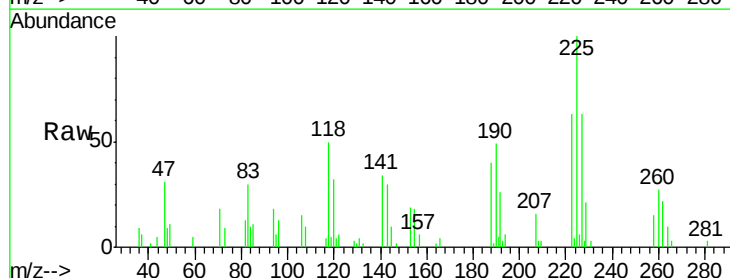
Manual Integrations
 APPROVED

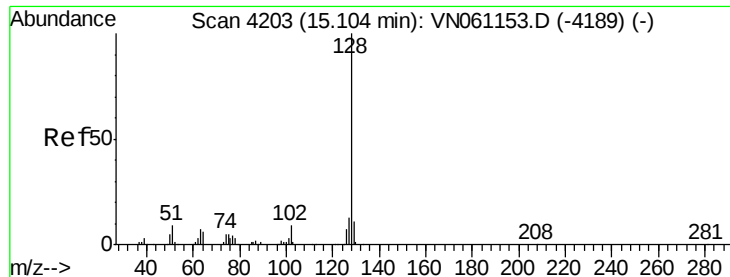
MMDadoda
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#94
 Hexachlorobutadiene
 Concen: 21.107 ug/l
 RT: 14.99 min Scan# 4166
 Delta R.T. 0.00 min
 Lab File: VN061160.D
 Acq: 28 Apr 2020 13:45

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	14191		
223	60.0	32.4	97.0	
227	60.4	32.4	97.0	





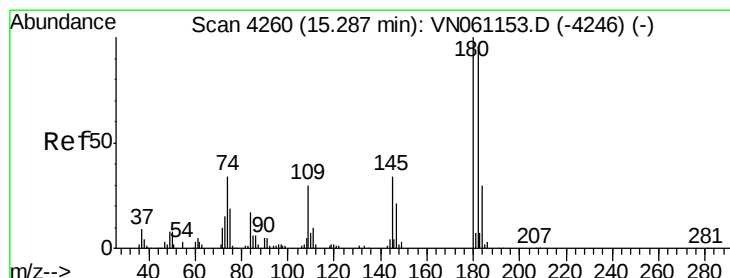
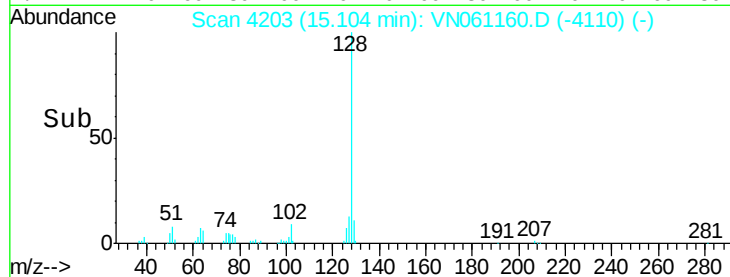
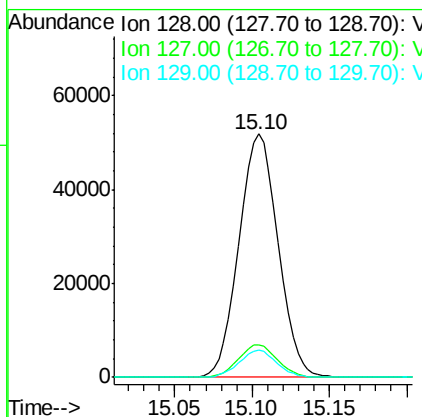
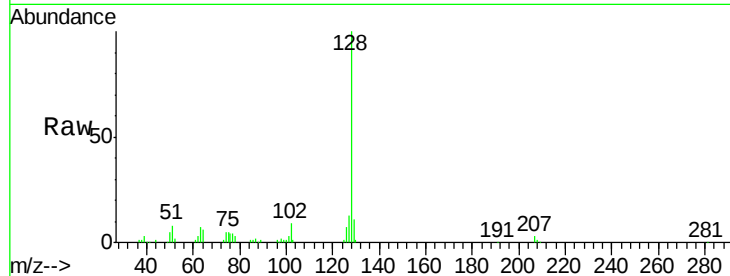
#95
Naphthalene
Concen: 17.375 ug/l
RT: 15.10 min Scan# 4203
Delta R.T. 0.00 min
Lab File: VN061160.D
Acq: 28 Apr 2020 13:45

Instrument :
MSVOA_N
ClientSampleId :
VN0428WBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	91068		
127	13.3	10.4	15.6	
129	10.7	8.7	13.1	

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 18.310 ug/l
RT: 15.28 min Scan# 4259
Delta R.T. -0.00 min
Lab File: VN061160.D
Acq: 28 Apr 2020 13:45

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	29093		
182	95.2	47.5	142.5	
145	33.1	16.9	50.7	

