

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN113020\
 Data File : VN064869.D
 Acq On : 30 Nov 2020 13:44
 Operator : JC/MD
 Sample : VN1130WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1130WBS01

Manual Integrations
 APPROVED

MMDadoda
 12/1/2020 9:35:09 AM

Quant Time: Dec 01 02:00:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:54:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	202371	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	322223	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	289223	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	139995	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	115751	49.20	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.40%
35) Dibromofluoromethane	7.55	113	93360	48.42	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.84%
50) Toluene-d8	10.06	98	380960	48.36	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.72%
62) 4-Bromofluorobenzene	12.38	95	134842	47.83	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	95.66%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	29592	16.872	ug/l	100
3) Chloromethane	2.04	50	37646	16.517	ug/l	99
4) Vinyl Chloride	2.16	62	41195	17.336	ug/l	97
5) Bromomethane	2.53	94	25324	16.244	ug/l	95
6) Chloroethane	2.67	64	26003	17.693	ug/l	98
7) Trichlorofluoromethane	2.99	101	58106	17.690	ug/l	97
8) Diethyl Ether	3.37	74	23215	17.905	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.71	101	34345	17.430	ug/l	97
10) Methyl Iodide	3.91	142	40845	15.981	ug/l	98
11) Tert butyl alcohol	4.75	59	32439	88.412	ug/l	100
12) 1,1-Dichloroethene	3.69	96	34017	17.334	ug/l	97
13) Acrolein	3.56	56	20518	91.552	ug/l	98
14) Allyl chloride	4.28	41	56625	17.495	ug/l	99
15) Acrylonitrile	4.94	53	91785	90.554	ug/l	98
16) Acetone	3.78	43	72289	93.469	ug/l	97
17) Carbon Disulfide	4.00	76	88969	17.562	ug/l	100
18) Methyl Acetate	4.28	43	43390	18.660	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	113152	17.978	ug/l	100
20) Methylene Chloride	4.50	84	42476	17.527	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	37442	17.181	ug/l	95
22) Diisopropyl ether	5.91	45	123441	19.054	ug/l	98
23) Vinyl Acetate	5.85	43	471493	91.011	ug/l	98
24) 1,1-Dichloroethane	5.80	63	70974	18.331	ug/l	99
25) 2-Butanone	6.79	43	117636	93.830	ug/l	98
26) 2,2-Dichloropropane	6.78	77	57639	17.165	ug/l	76
27) cis-1,2-Dichloroethene	6.78	96	43075	17.566	ug/l	99
28) Bromochloromethane	7.15	49	32658	18.438	ug/l	95
29) Tetrahydrofuran	7.17	42	76230	88.083	ug/l	97
30) Chloroform	7.33	83	71882	18.003	ug/l	99
31) Cyclohexane	7.61	56	56523	17.237	ug/l	95
32) 1,1,1-Trichloroethane	7.53	97	61500	17.934	ug/l	99
36) 1,1-Dichloropropene	7.75	75	52017	17.416	ug/l	99
37) Ethyl Acetate	6.89	43	49318	17.142	ug/l	99
38) Carbon Tetrachloride	7.73	117	54372	17.496	ug/l	98

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	57178	17.784	ug/l	97
40) Benzene	8.00	78	162075	17.709	ug/l	97
41) Methacrylonitrile	7.14	41	25016m	18.844	ug/l	
42) 1,2-Dichloroethane	8.09	62	52944	17.148	ug/l	99
43) Isopropyl Acetate	8.13	43	79279	17.125	ug/l	99
44) Trichloroethene	8.80	130	48479	17.953	ug/l	96
45) 1,2-Dichloropropane	9.08	63	43497	18.352	ug/l	97
46) Dibromomethane	9.17	93	28235	17.832	ug/l	100
47) Bromodichloromethane	9.37	83	57295	17.983	ug/l	100
48) Methyl methacrylate	9.17	41	37736	17.059	ug/l	97
49) 1,4-Dioxane	9.17	88	14434	345.235	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	252866	90.983	ug/l	100
52) Toluene	10.13	92	100614	17.851	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	60710	17.108	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	67417	17.725	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	41278	17.810	ug/l	97
56) Ethyl methacrylate	10.40	69	57183	17.879	ug/l	100
57) 1,3-Dichloropropane	10.68	76	68375	17.884	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	160363	91.151	ug/l	99
59) 2-Hexanone	10.72	43	179833	89.908	ug/l	99
60) Dibromochloromethane	10.87	129	45474	17.651	ug/l	100
61) 1,2-Dibromoethane	10.98	107	42597	18.090	ug/l	100
64) Tetrachloroethene	10.60	164	54164	19.249	ug/l	98
65) Chlorobenzene	11.41	112	113077	18.206	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	41419	18.146	ug/l	98
67) Ethyl Benzene	11.48	91	186941	18.017	ug/l	99
68) m/p-Xylenes	11.60	106	147142	37.456	ug/l	96
69) o-Xylene	11.92	106	70110	18.807	ug/l	98
70) Styrene	11.94	104	117644	18.694	ug/l	99
71) Bromoform	12.10	173	31809	17.448	ug/l #	99
73) Isopropylbenzene	12.22	105	183265	18.820	ug/l	100
74) N-amyl acetate	12.04	43	67317	17.567	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	48963	17.155	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	51260m	17.002	ug/l	
77) Bromobenzene	12.50	156	47936	18.260	ug/l	98
78) n-propylbenzene	12.57	91	207438	18.700	ug/l	100
79) 2-Chlorotoluene	12.65	91	125949	18.368	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	155731	19.241	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	18456	16.778	ug/l	95
82) 4-Chlorotoluene	12.75	91	129868	18.068	ug/l	100
83) tert-Butylbenzene	12.97	119	130499	19.236	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	154964	18.936	ug/l	99
85) sec-Butylbenzene	13.14	105	174597	19.383	ug/l	99
86) p-Isopropyltoluene	13.26	119	160615	19.585	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	84326	18.079	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	85343	17.302	ug/l	99
89) n-Butylbenzene	13.59	91	134495	18.675	ug/l	98
90) Hexachloroethane	13.85	117	25787	18.101	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	81006	17.688	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	10954	17.057	ug/l	97

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Quant Title : SW846 8260
QLast Update : Mon Nov 23 13:54:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	47082	16.619	ug/l	100
94) Hexachlorobutadiene	14.98	225	23473	18.635	ug/l	99
95) Naphthalene	15.10	128	137173	16.162	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	45598	17.857	ug/l	99

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

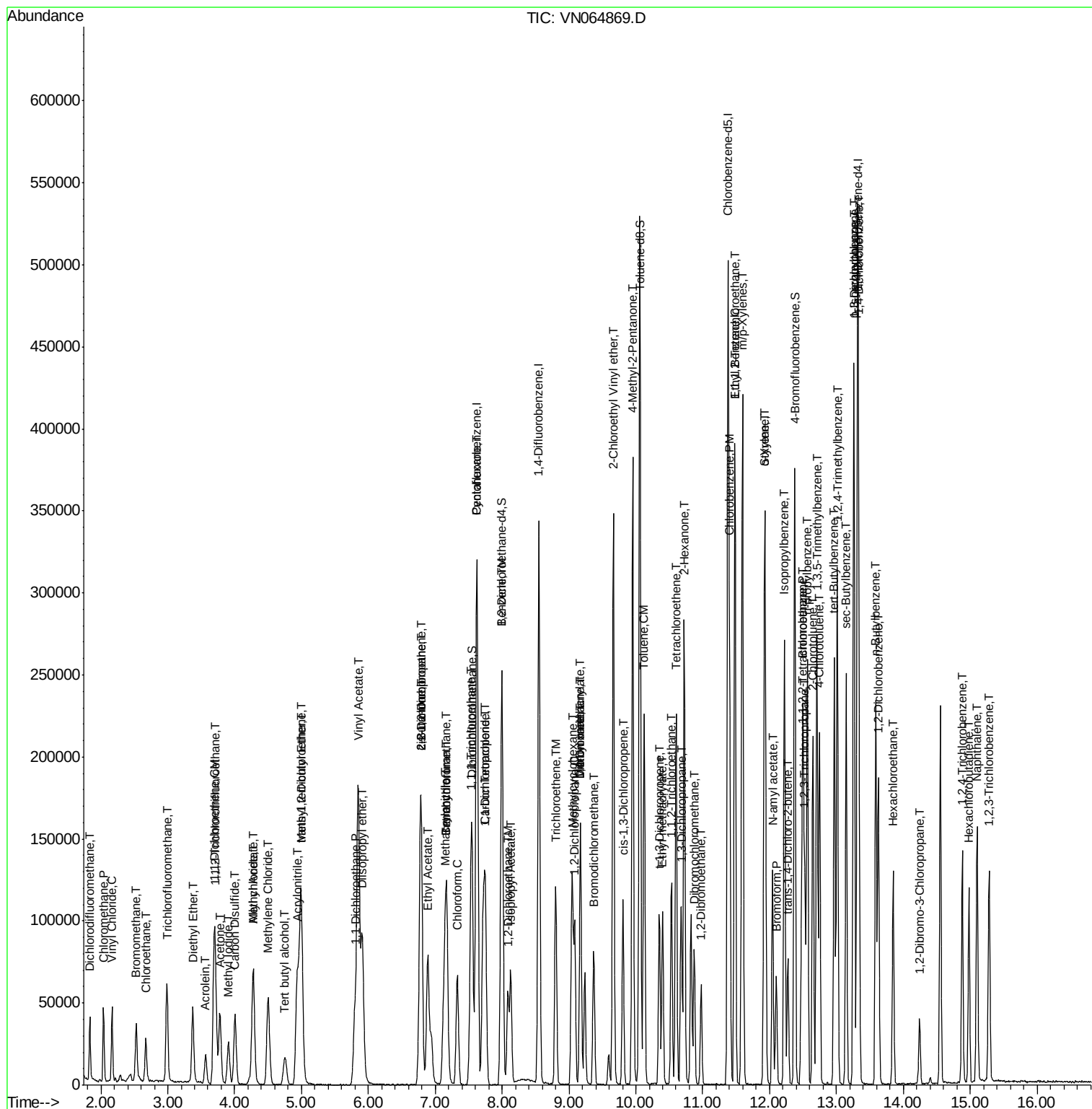
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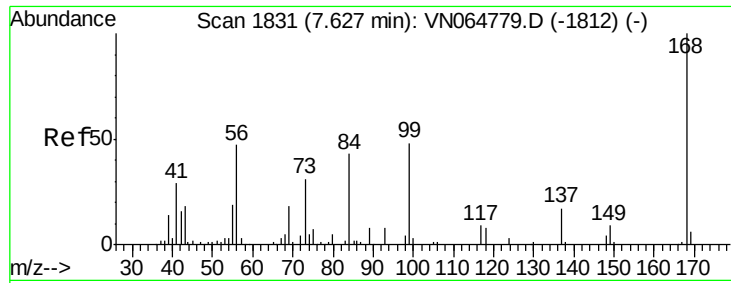
Instrument :
MSVOA_N
ClientSampleId :
VN1130WBS01

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064869.D

Acq: 30 Nov 2020 13:44

Instrument :

MSVOA_N

ClientSampleId :

VN1130WBS01

Tot Ion:168 Resp: 202371

Ion Ratio Lower Upper

168 100

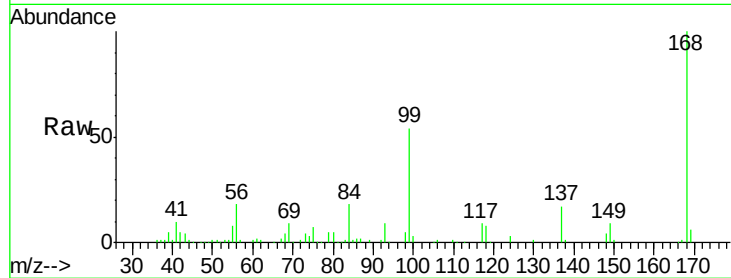
99 53.5 43.0 64.4

Manual Integrations

APPROVED

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

80000

60000

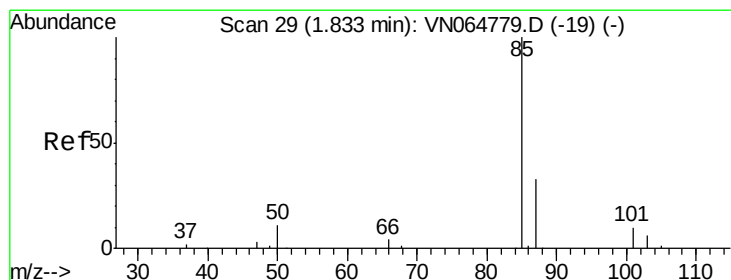
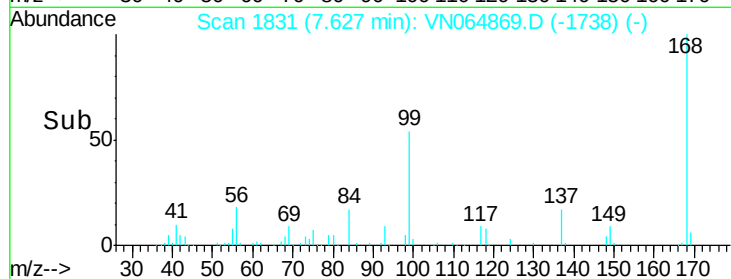
40000

20000

0

7.50 7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 16.872 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064869.D

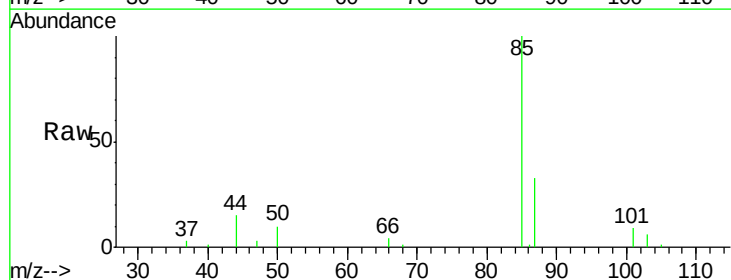
Acq: 30 Nov 2020 13:44

Tgt Ion: 85 Resp: 29592

Ion Ratio Lower Upper

85 100

87 32.7 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

25000

20000

15000

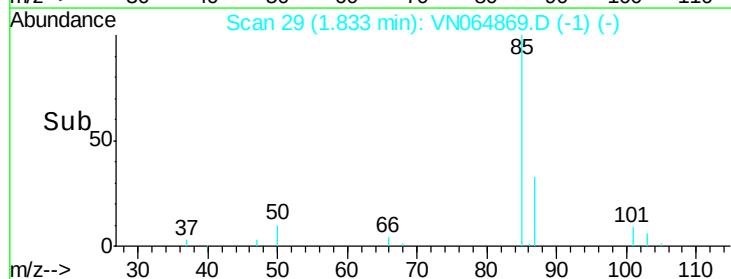
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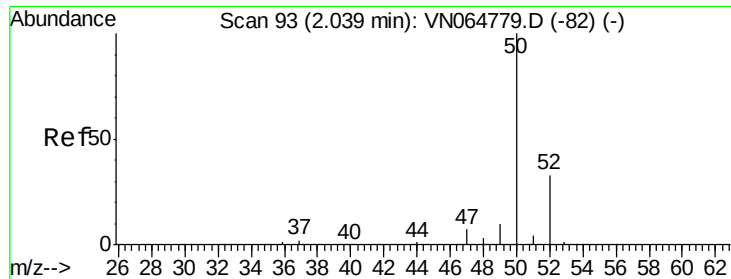
5000

0

1.80 1.85 1.90

Time-->





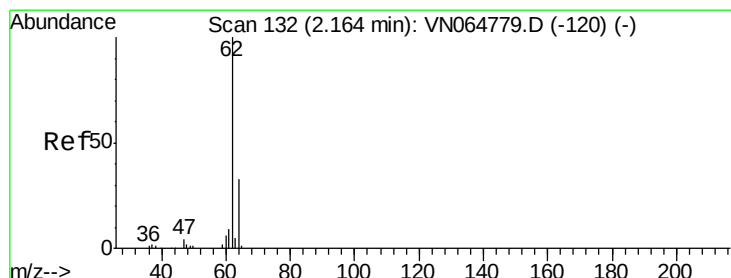
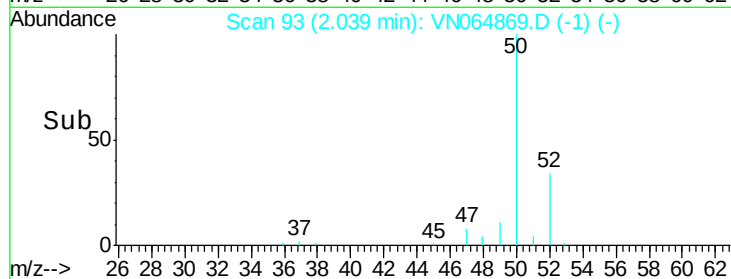
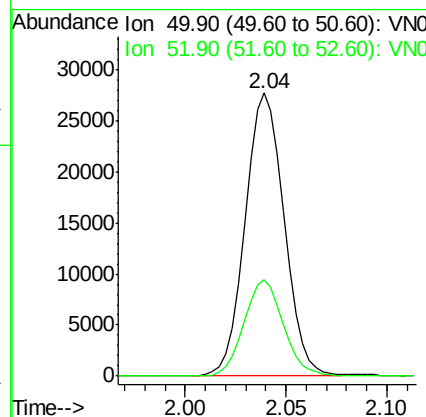
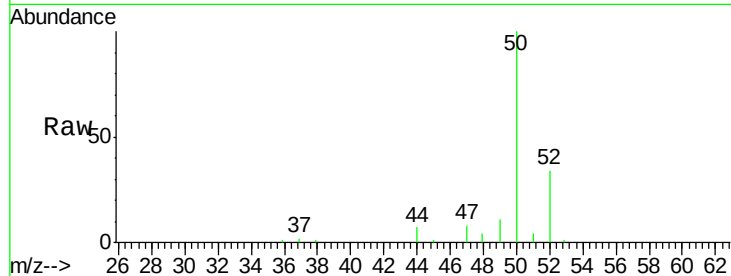
#3
Chloromethane
Concen: 16.517 ug/l
RT: 2.04 min Scan# 93
Delta R.T. 0.00 min
Lab File: VN064869.D
Acq: 30 Nov 2020 13:44

Instrument :
MSVOA_N
ClientSampleId :
VN1130WBS01

Tot Ion: 50 Resp: 37646
Ion Ratio Lower Upper
50 100
52 34.0 26.6 39.8

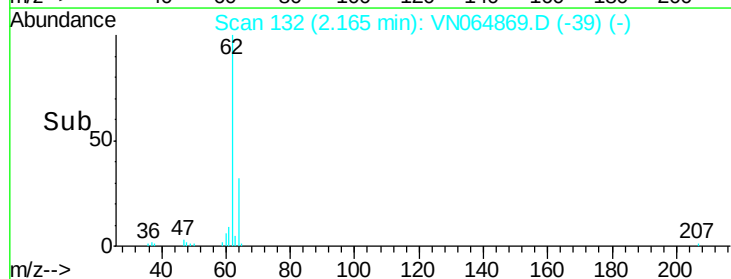
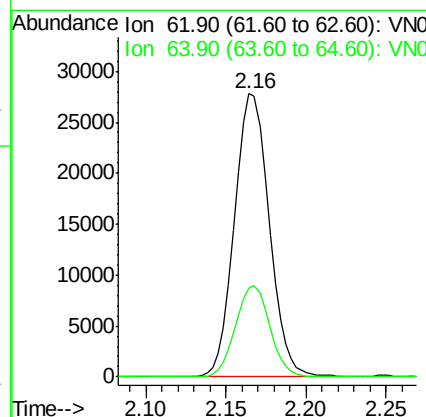
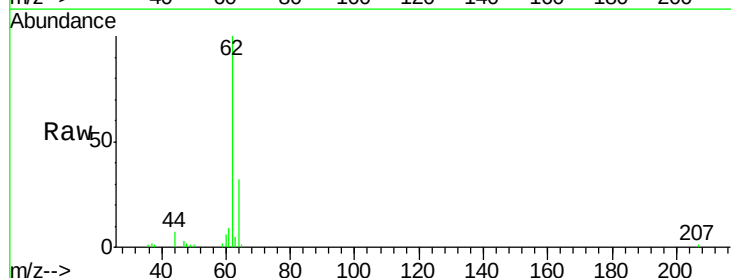
Manual Integrations
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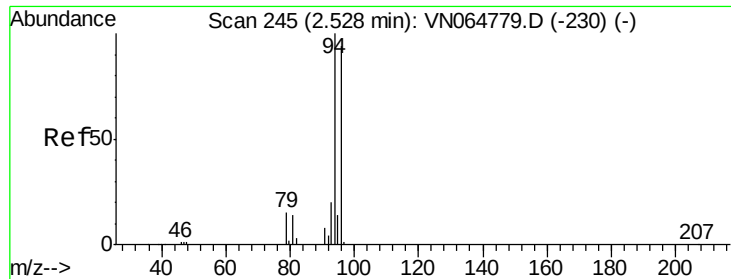
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12/1/2020 9:35:09 AM



#4
Vinyl Chloride
Concen: 17.336 ug/l
RT: 2.16 min Scan# 132
Delta R.T. 0.00 min
Lab File: VN064869.D
Acq: 30 Nov 2020 13:44

Tgt Ion: 62 Resp: 41195
Ion Ratio Lower Upper
62 100
64 31.6 26.5 39.7





#5

Bromomethane

Concen: 16.244 ug/l

RT: 2.53 min Scan# 245

Delta R.T. 0.00 min

Lab File: VN064869.D

Acq: 30 Nov 2020 13:44

Instrument :

MSVOA_N

ClientSampleId :

VN1130WBS01

Tot Ion: 94 Resp: 25324

Ion Ratio Lower Upper

94 100

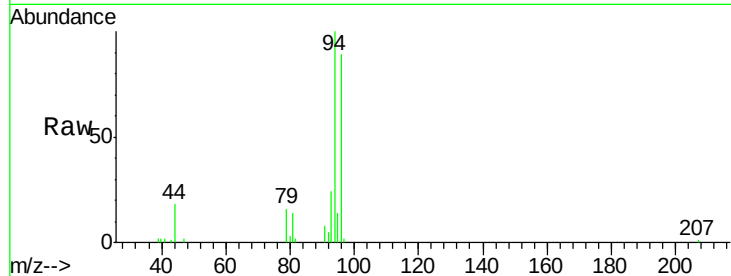
96 89.5 75.4 113.0

Manual Integrations

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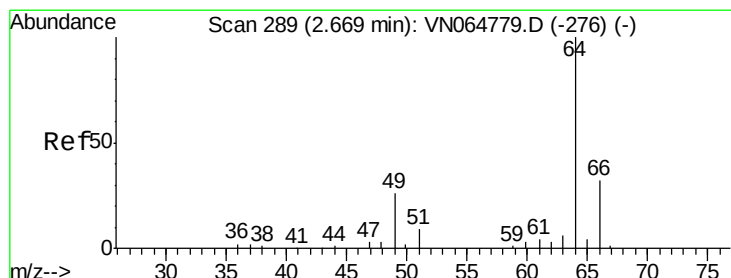
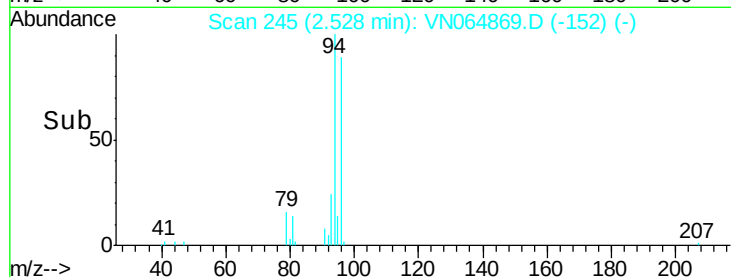
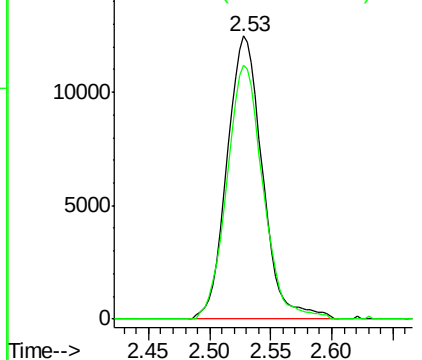
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 17.693 ug/l

RT: 2.67 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN064869.D

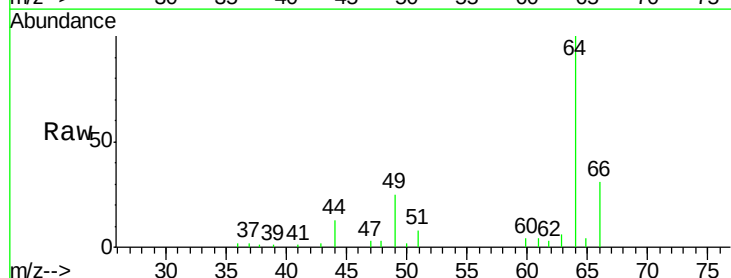
Acq: 30 Nov 2020 13:44

Tgt Ion: 64 Resp: 26003

Ion Ratio Lower Upper

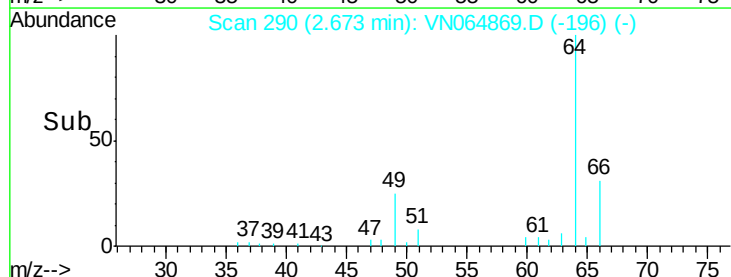
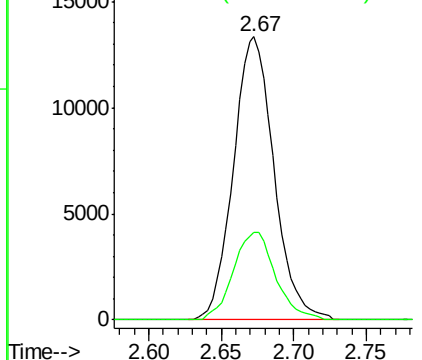
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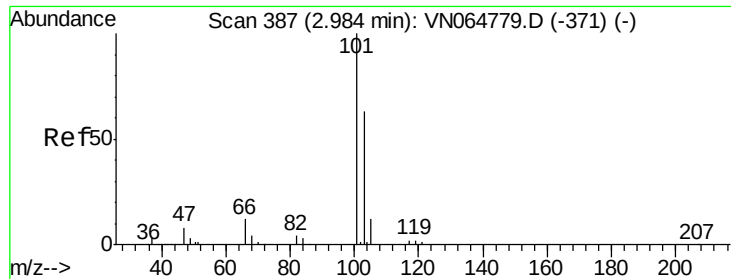
66 31.1 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

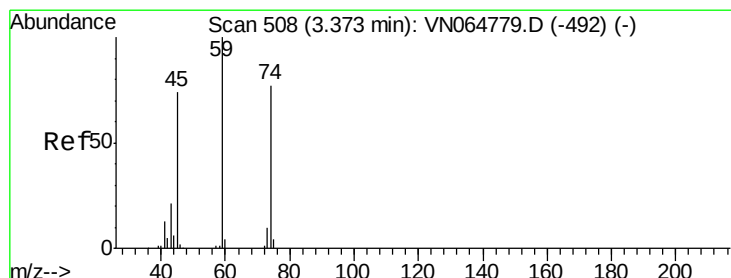
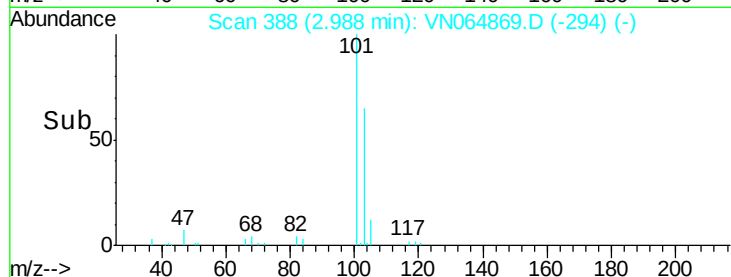
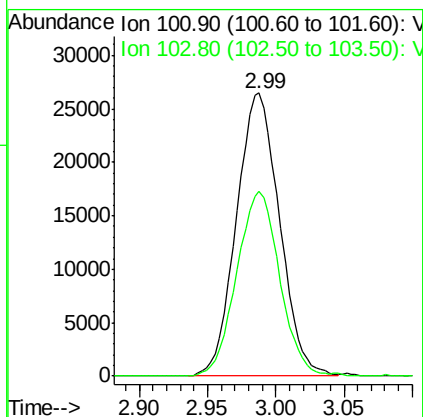
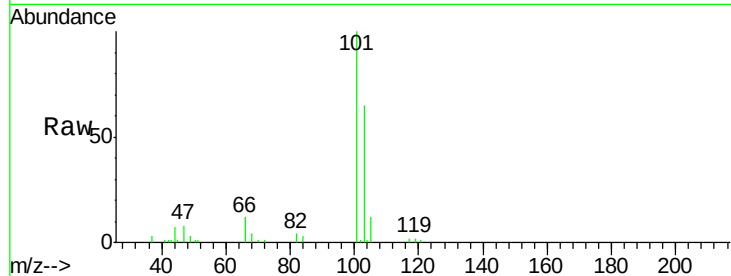
Trichlorofluoromethane
 Concen: 17.690 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: VN064869.D
 Acq: 30 Nov 2020 13:44

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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.4	50.5	75.7

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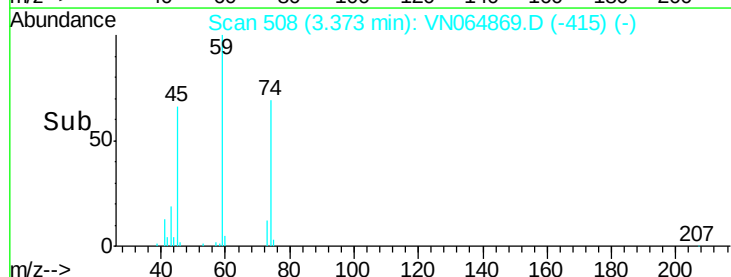
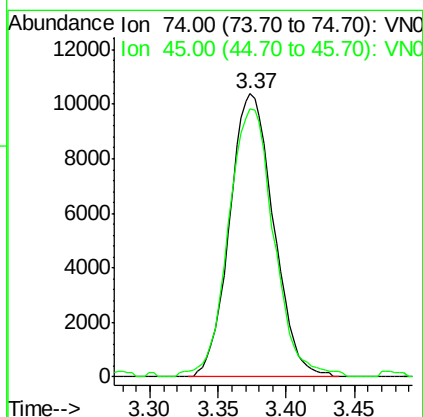
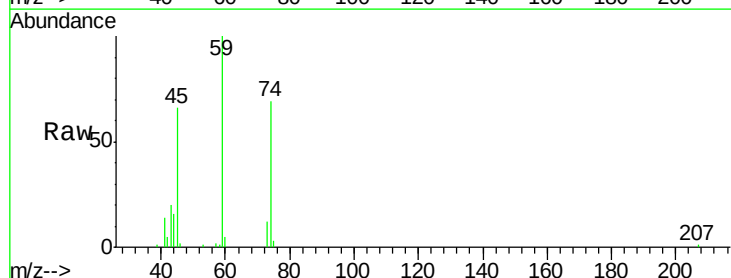
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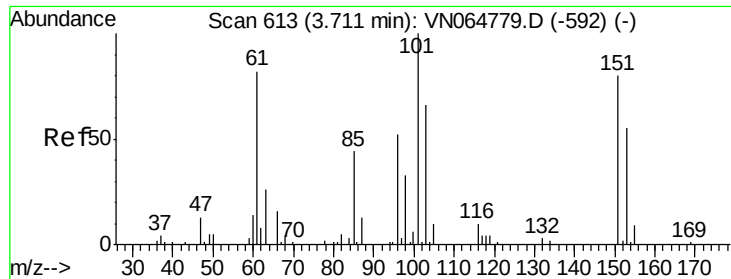


#8

Diethyl Ether
 Concen: 17.905 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: VN064869.D
 Acq: 30 Nov 2020 13:44

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.0	48.9	146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.430 ug/l

RT: 3.71 min Scan# 614

Delta R.T. 0.00 min

Lab File: VN064869.D

Acq: 30 Nov 2020 13:44

Instrument :

MSVOA_N

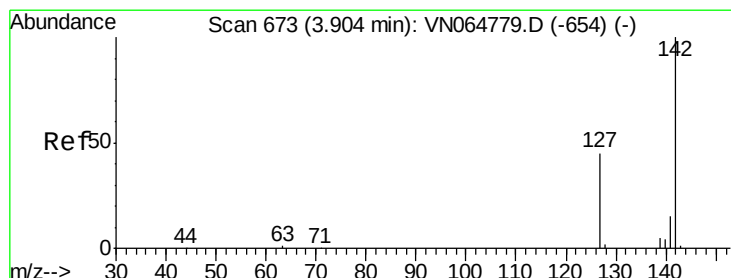
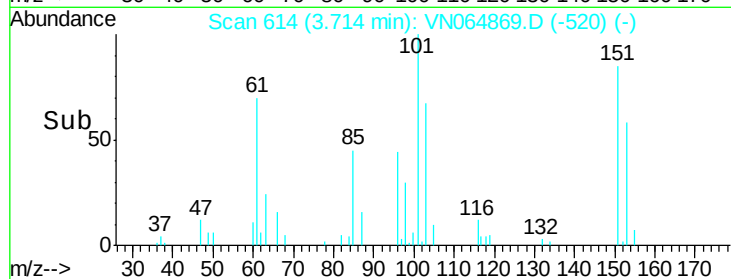
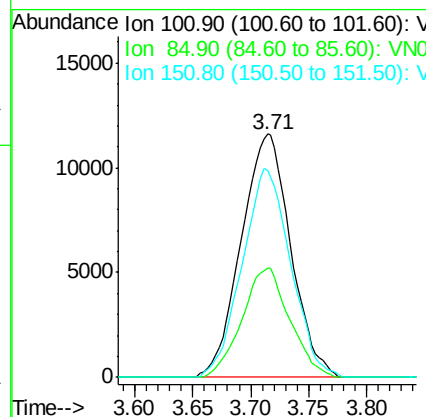
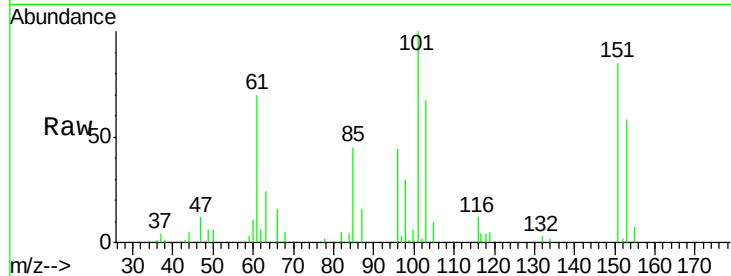
ClientSampleId :

VN1130WBS01

Tot Ion:	101	Resp:	34345
Ion Ratio	Lower	Upper	
101	100		
85	43.4	34.4	51.6
151	84.3	64.0	96.0

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#10

Methyl Iodide

Concen: 15.981 ug/l

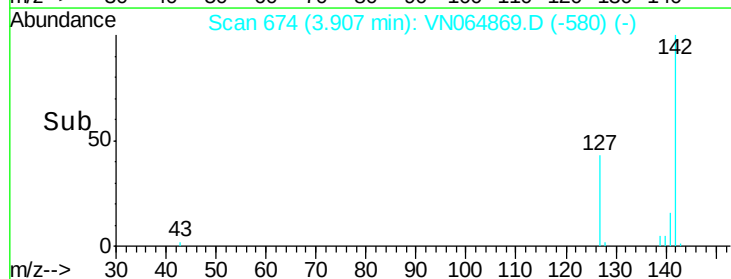
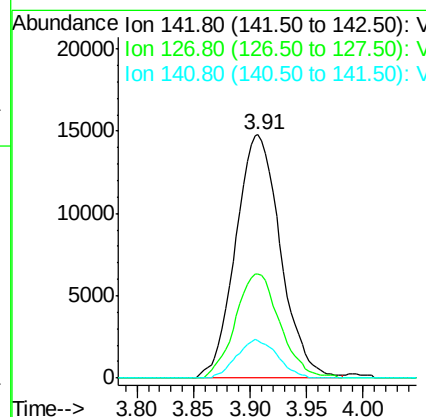
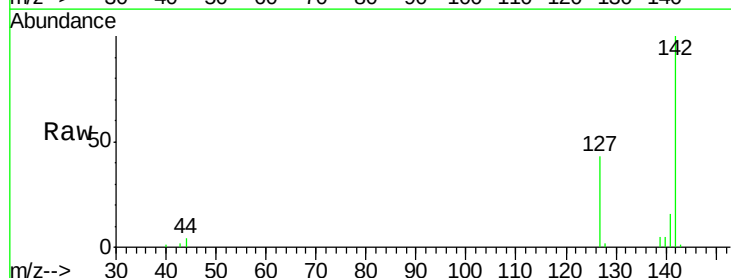
RT: 3.91 min Scan# 674

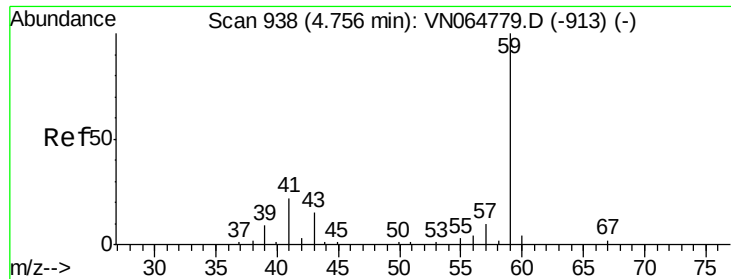
Delta R.T. 0.00 min

Lab File: VN064869.D

Acq: 30 Nov 2020 13:44

Tgt Ion:	142	Resp:	40845
Ion Ratio	Lower	Upper	
142	100		
127	42.6	35.0	52.6
141	14.4	11.8	17.6





#11

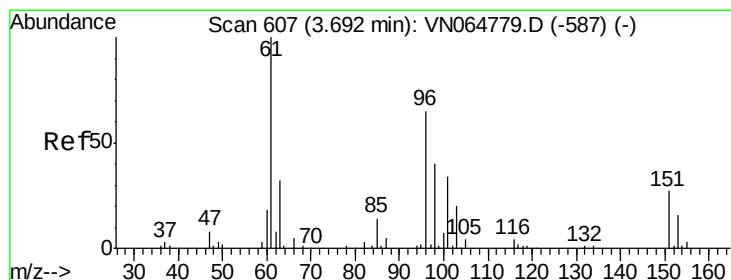
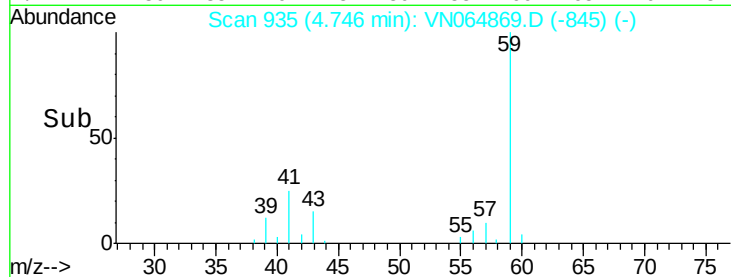
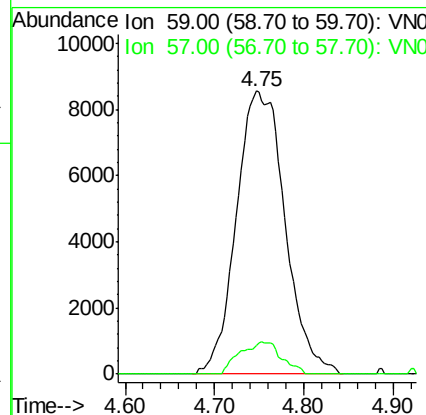
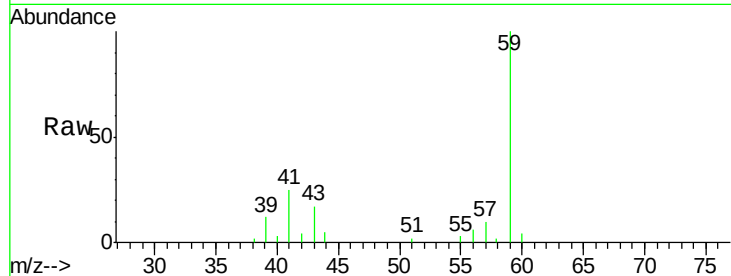
Tert butyl alcohol
 Concen: 88.412 ug/l
 RT: 4.75 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VN064869.D
 Acq: 30 Nov 2020 13:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1130WBS01

Tot Ion	59	57	Ratio	100	9.8	Resp:	32439	Lower	7.9	Upper	11.9
Ion	59	57	Ratio	100	9.8	Resp:	32439	Lower	7.9	Upper	11.9

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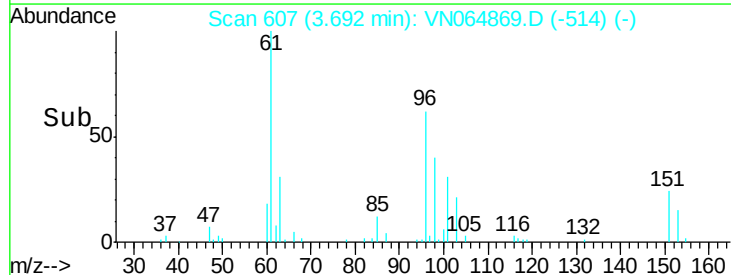
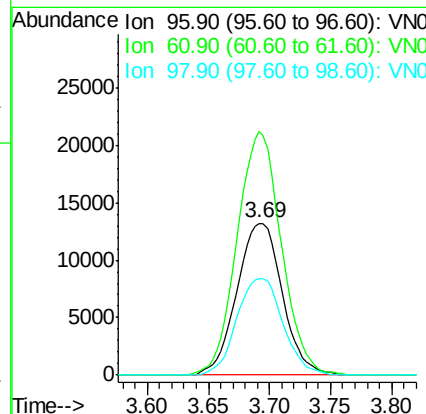
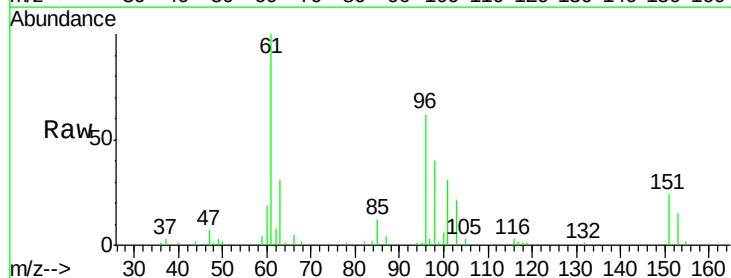
MMDadoda
 12/1/2020 9:35:09 AM

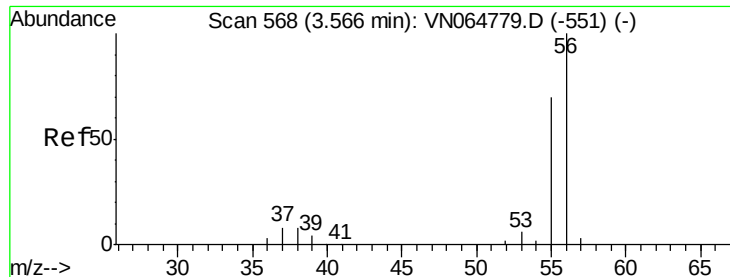


#12

1,1-Dichloroethene
 Concen: 17.334 ug/l
 RT: 3.69 min Scan# 607
 Delta R.T. 0.00 min
 Lab File: VN064869.D
 Acq: 30 Nov 2020 13:44

Tgt Ion	96	61	98	Ratio	100	159.5	63.8	Resp:	34017	Lower	123.4	49.8	Upper	185.2	74.8
Ion	96	61	98	Ratio	100	159.5	63.8	Resp:	34017	Lower	123.4	49.8	Upper	185.2	74.8





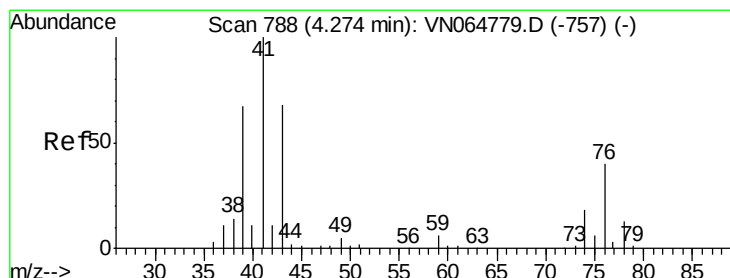
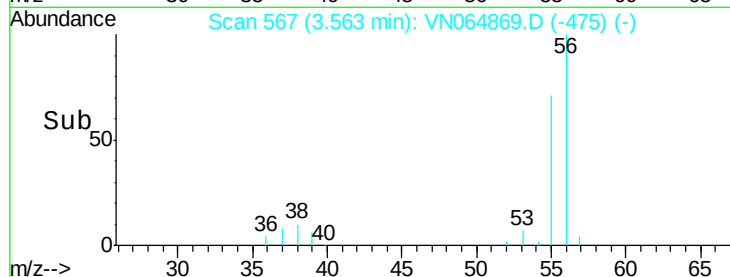
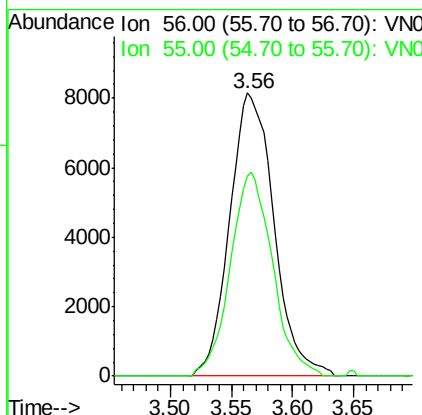
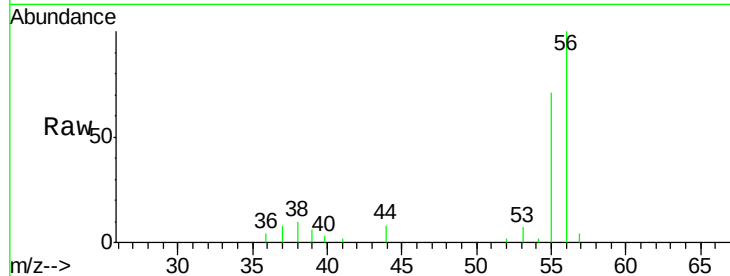
#13
Acrolein
Concen: 91.552 ug/l
RT: 3.56 min Scan# 567
Delta R.T. -0.00 min
Lab File: VN064869.D
Acq: 30 Nov 2020 13:44

Instrument :
MSVOA_N
ClientSampleId :
VN1130WBS01

Tot Ion	56	Resp	20518
Ion Ratio	100	Lower	Upper
56	100		
55	68.6	56.5	84.7

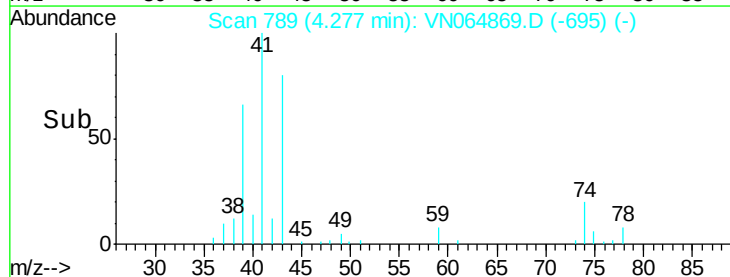
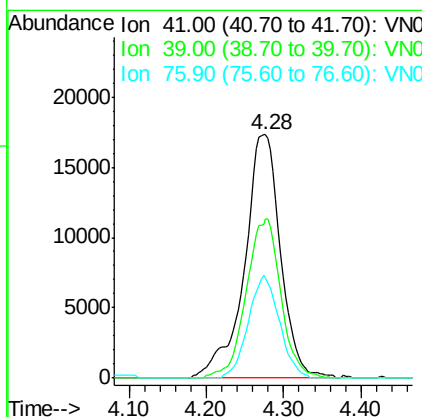
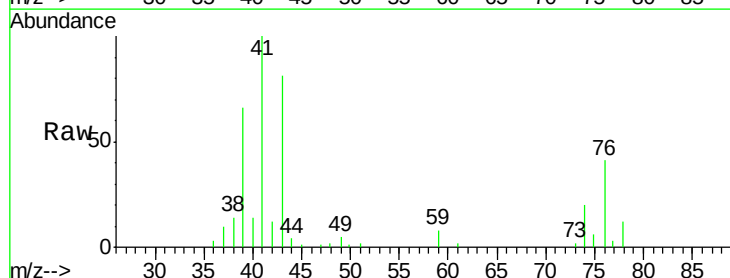
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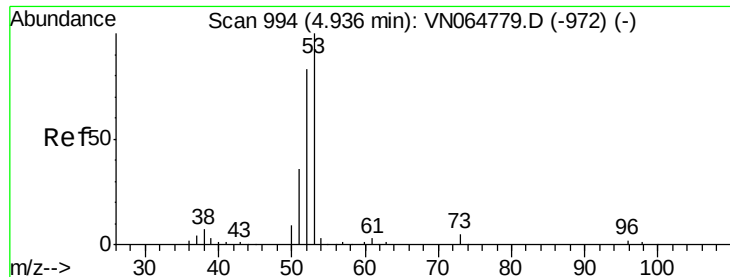
MMDadoda
12/1/2020 9:35:09 AM



#14
Allyl chloride
Concen: 17.495 ug/l
RT: 4.28 min Scan# 789
Delta R.T. 0.00 min
Lab File: VN064869.D
Acq: 30 Nov 2020 13:44

Tgt Ion	41	Resp	56625
Ion Ratio	100	Lower	Upper
41	100		
39	62.5	50.9	76.3
76	36.0	29.0	43.4





#15

Acrylonitrile

Concen: 90.554 ug/l

RT: 4.94 min Scan# 994

Delta R.T. 0.00 min

Lab File: VN064869.D

Acq: 30 Nov 2020 13:44

Instrument :

MSVOA_N

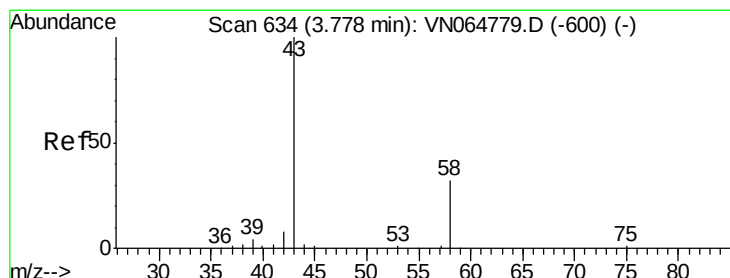
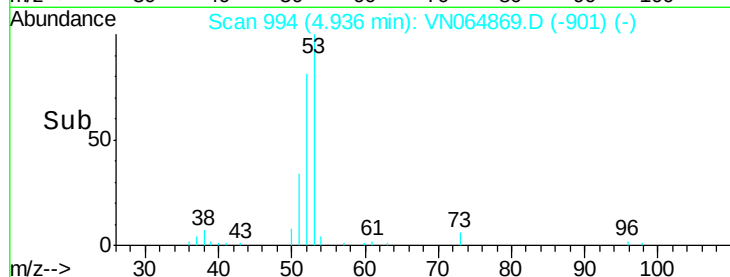
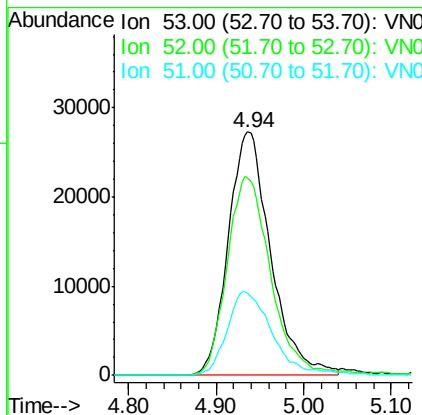
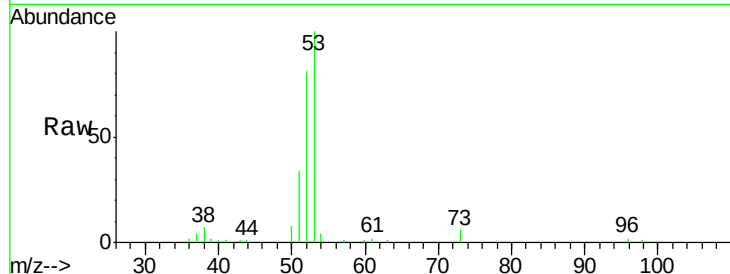
ClientSampleId :

VN1130WBS01

Tot Ion:	53	Resp:	91785
Ion	Ratio	Lower	Upper
53	100		
52	83.3	65.5	98.3
51	36.6	28.6	43.0

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#16

Acetone

Concen: 93.469 ug/l

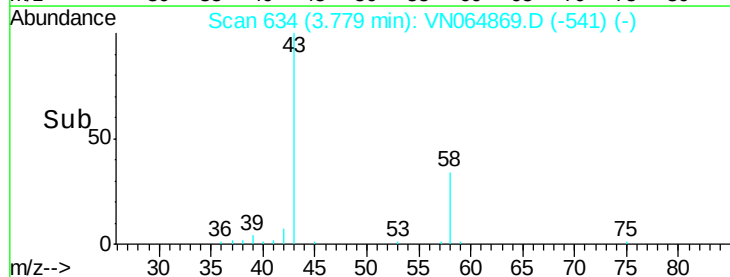
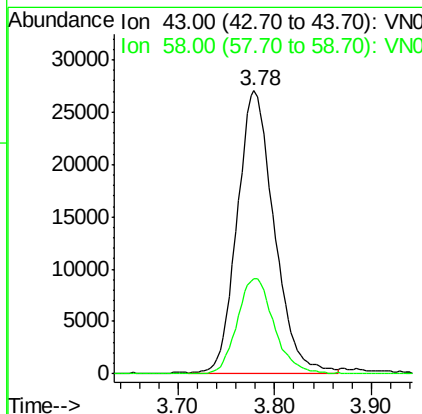
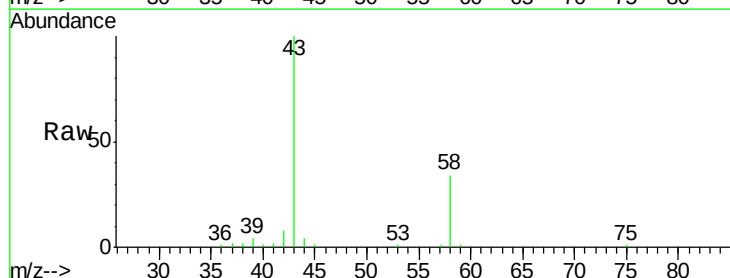
RT: 3.78 min Scan# 634

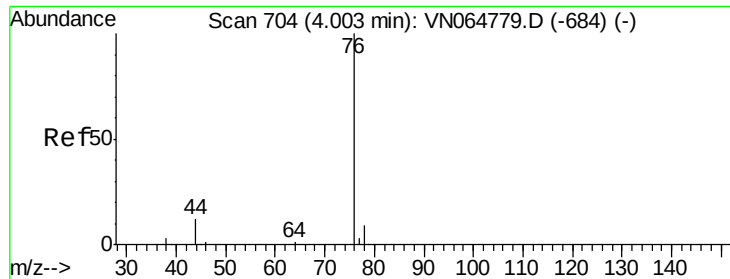
Delta R.T. 0.00 min

Lab File: VN064869.D

Acq: 30 Nov 2020 13:44

Tgt Ion:	43	Resp:	72289
Ion	Ratio	Lower	Upper
43	100		
58	33.6	25.7	38.5





#17

Carbon Disulfide

Concen: 17.562 ug/l

RT: 4.00 min Scan# 704

Delta R.T. 0.00 min

Lab File: VN064869.D

Acq: 30 Nov 2020 13:44

Instrument :

MSVOA_N

ClientSampled :

VN1130WBS01

Tot Ion: 76 Resp: 88969

Ion Ratio Lower Upper

76 100

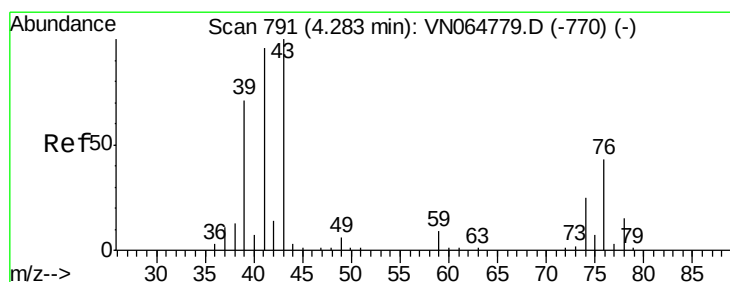
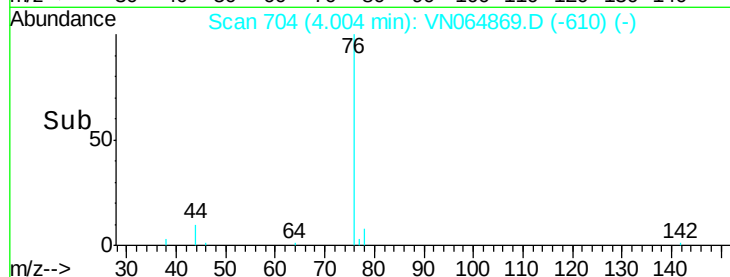
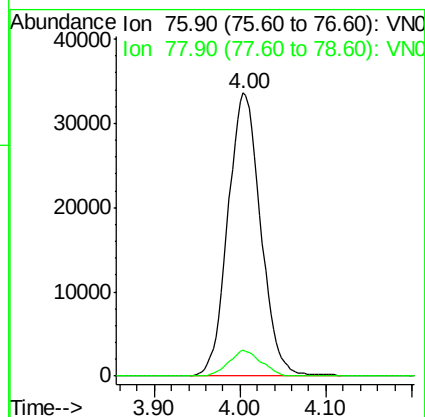
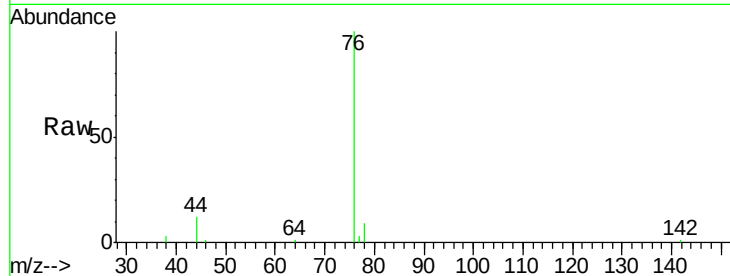
78 9.1 7.4 11.0

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#18

Methyl Acetate

Concen: 18.660 ug/l

RT: 4.28 min Scan# 791

Delta R.T. 0.00 min

Lab File: VN064869.D

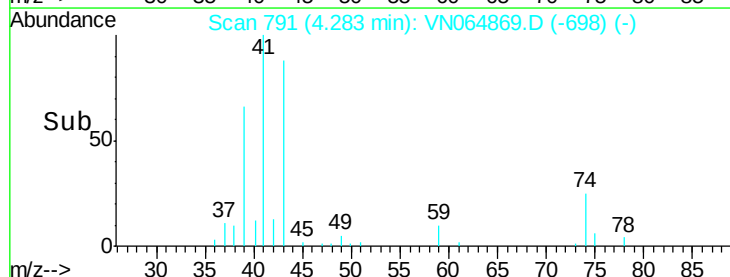
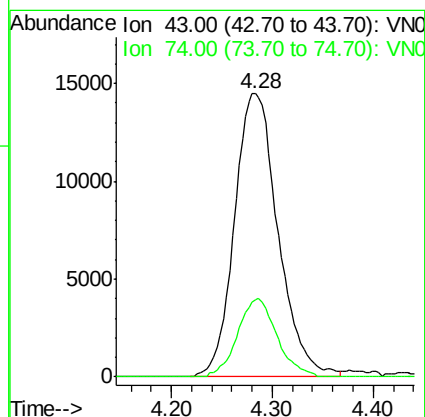
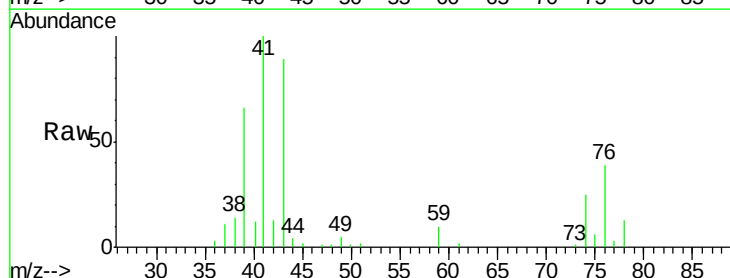
Acq: 30 Nov 2020 13:44

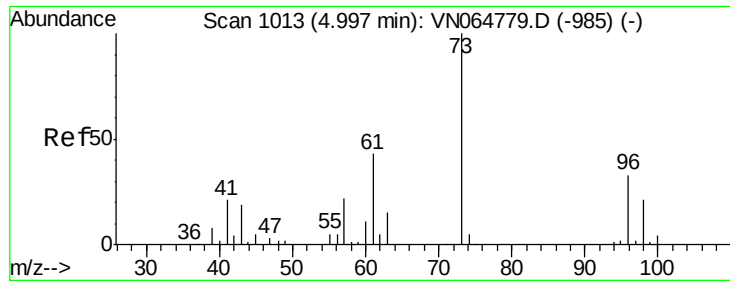
Tgt Ion: 43 Resp: 43390

Ion Ratio Lower Upper

43 100

74 24.8 20.2 30.2





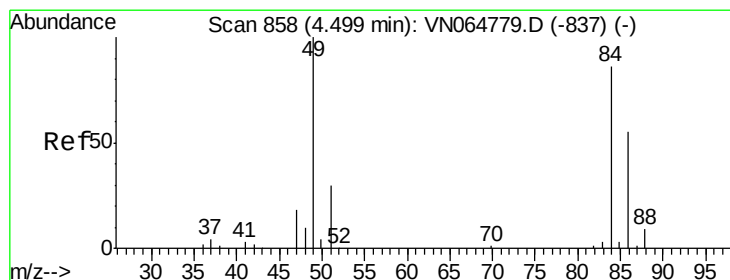
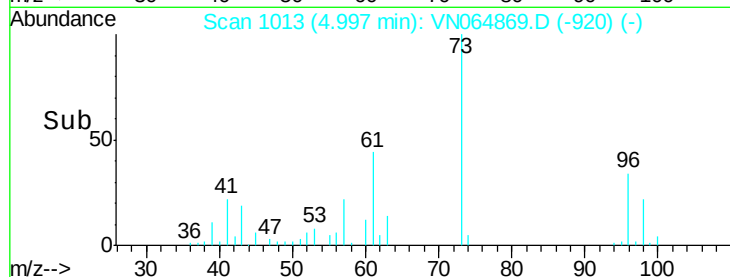
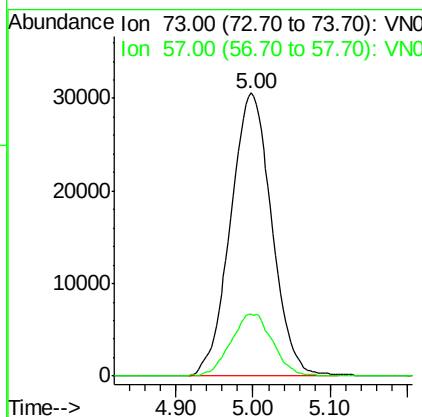
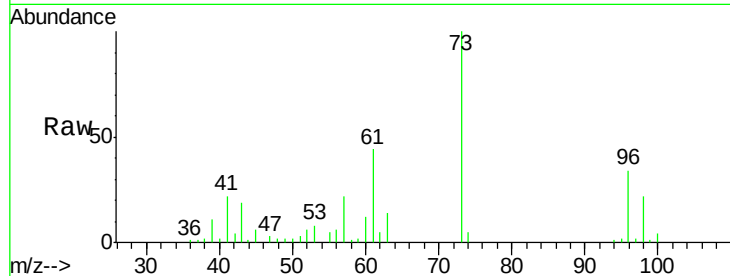
#19
Methyl tert-butyl Ether
Concen: 17.978 ug/l
RT: 5.00 min Scan# 1013
Delta R.T. 0.00 min
Lab File: VN064869.D
Acq: 30 Nov 2020 13:44

Instrument :
MSVOA_N
ClientSampleId :
VN1130WBS01

Tot Ion: 73 Resp: 113152
Ion Ratio Lower Upper
73 100
57 21.7 17.4 26.0

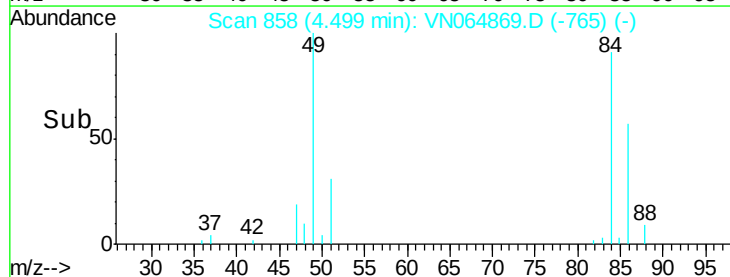
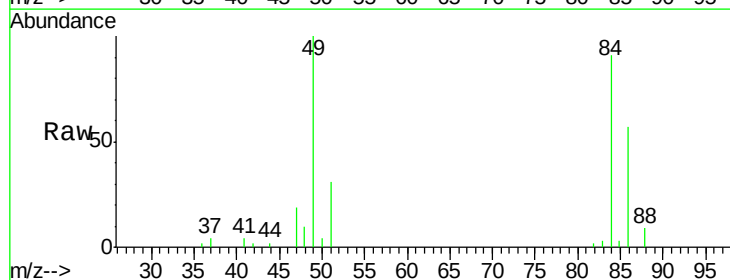
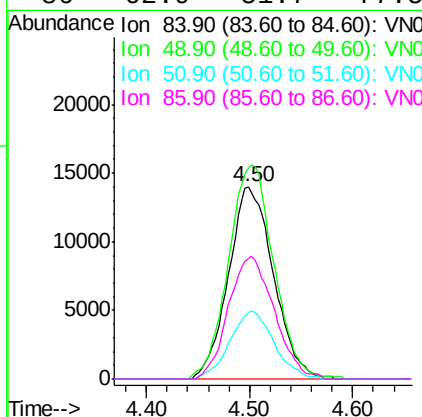
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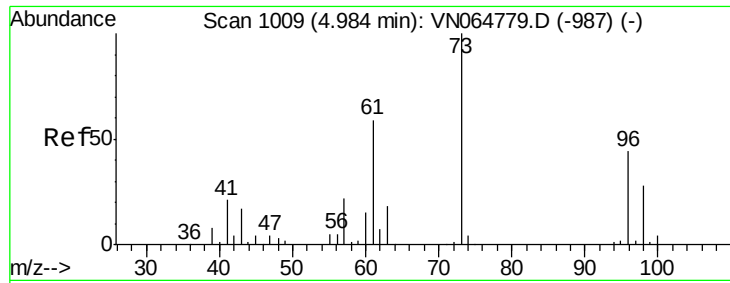
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#20
Methylene Chloride
Concen: 17.527 ug/l
RT: 4.50 min Scan# 858
Delta R.T. 0.00 min
Lab File: VN064869.D
Acq: 30 Nov 2020 13:44

Tgt Ion: 84 Resp: 42476
Ion Ratio Lower Upper
84 100
49 109.7 93.4 140.0
51 34.5 28.2 42.4
86 62.9 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 17.181 ug/l

RT: 4.99 min Scan# 1010

Delta R.T. 0.00 min

Lab File: VN064869.D

Acq: 30 Nov 2020 13:44

Instrument :

MSVOA_N

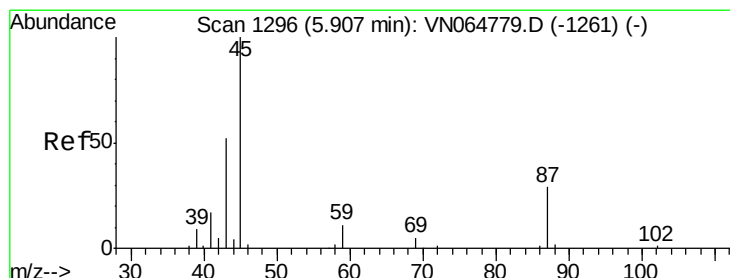
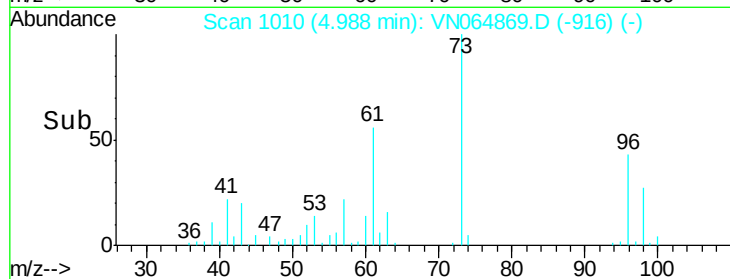
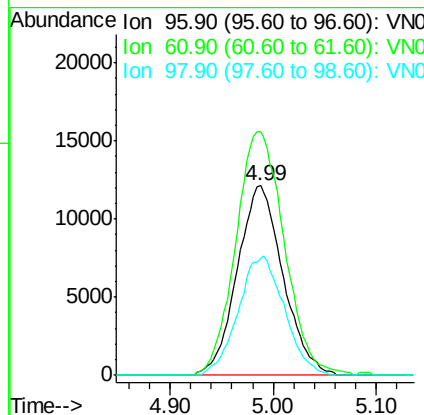
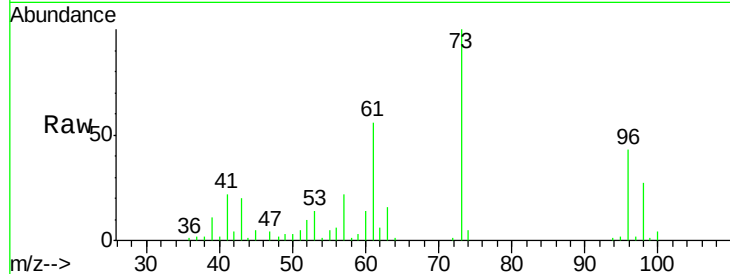
ClientSampleId :

VN1130WBS01

Tot Ion:	96	Resp:	37442
Ion	Ratio	Lower	Upper
96	100		
61	128.5	108.4	162.6
98	61.9	51.3	76.9

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#22

Diisopropyl ether

Concen: 19.054 ug/l

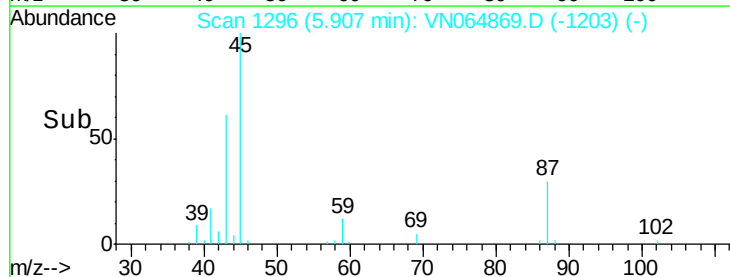
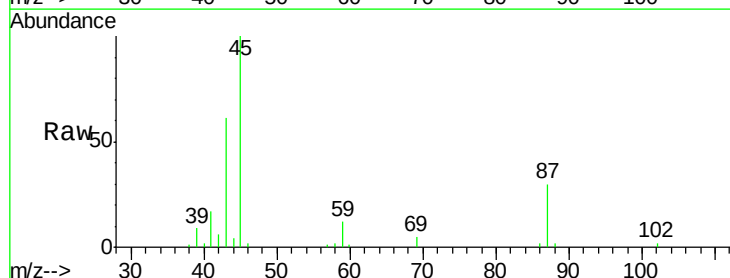
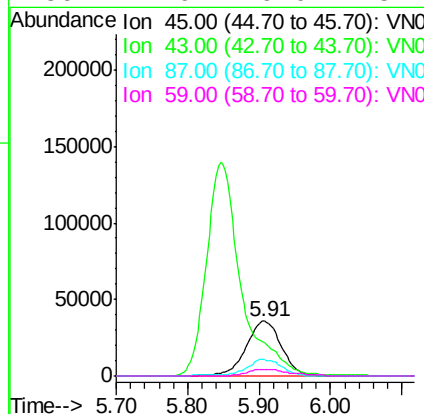
RT: 5.91 min Scan# 1296

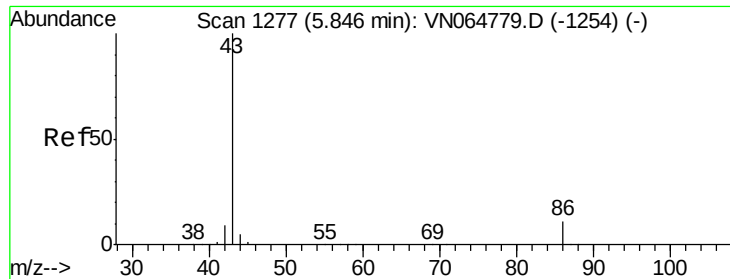
Delta R.T. 0.00 min

Lab File: VN064869.D

Acq: 30 Nov 2020 13:44

Tgt Ion:	45	Resp:	123441
Ion	Ratio	Lower	Upper
45	100		
43	59.3	46.2	69.2
87	29.9	24.1	36.1
59	11.6	9.0	13.4





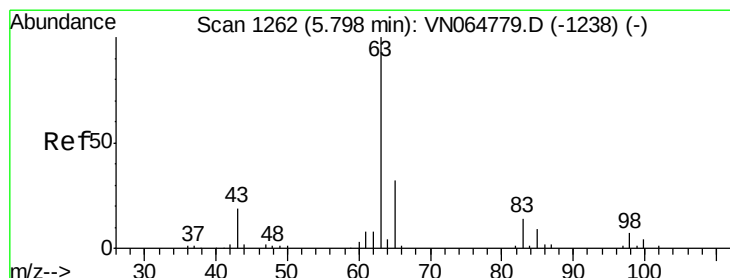
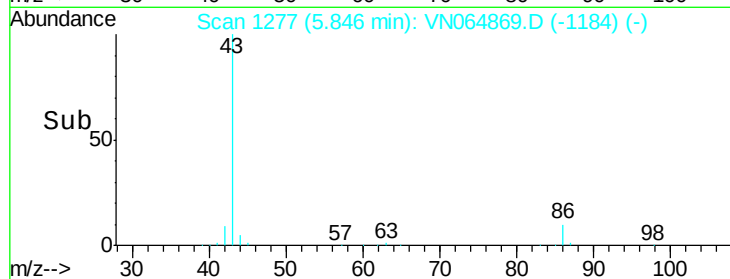
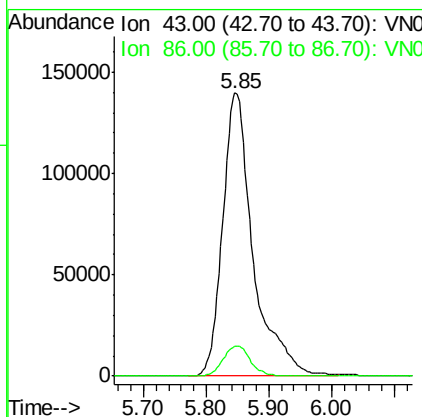
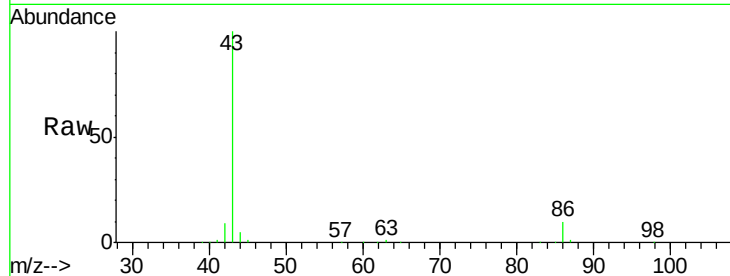
#23
 Vinyl Acetate
 Concen: 91.011 ug/l
 RT: 5.85 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VN064869.D
 Acq: 30 Nov 2020 13:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1130WBS01

Tot Ion	43	Resp	471493
Ion Ratio	100	Lower	Upper
43	100	8.9	13.3
86	10.5		

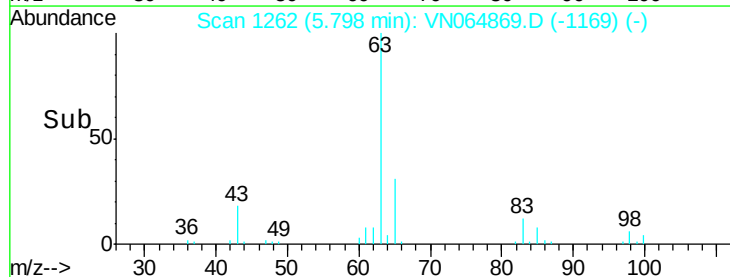
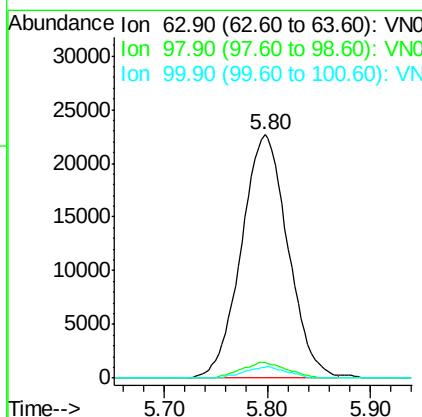
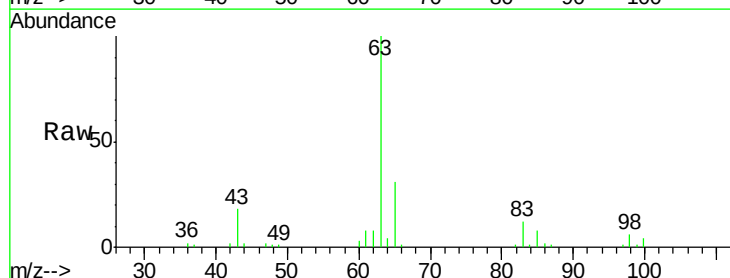
Manual Integrations
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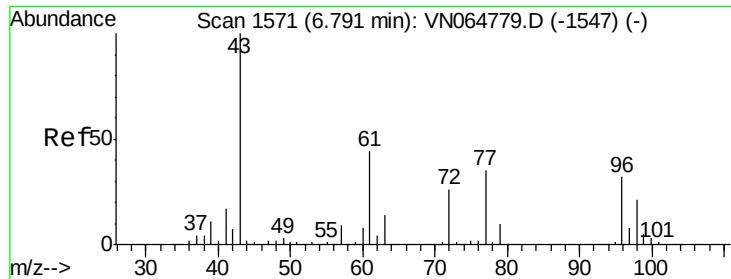
MMDadoda
 12/1/2020 9:35:09 AM



#24
 1,1-Dichloroethane
 Concen: 18.331 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. 0.00 min
 Lab File: VN064869.D
 Acq: 30 Nov 2020 13:44

Tgt Ion	63	Resp	70974
Ion Ratio	100	Lower	Upper
63	100	3.5	10.5
98	6.3		
100	4.5		





#25

2-Butanone

Concen: 93.830 ug/l

RT: 6.79 min Scan# 1571

Delta R.T. 0.00 min

Lab File: VN064869.D

Acq: 30 Nov 2020 13:44

Instrument :

MSVOA_N

ClientSampleId :

VN1130WBS01

Tot Ion: 43 Resp: 117636

Ion Ratio Lower Upper

43 100

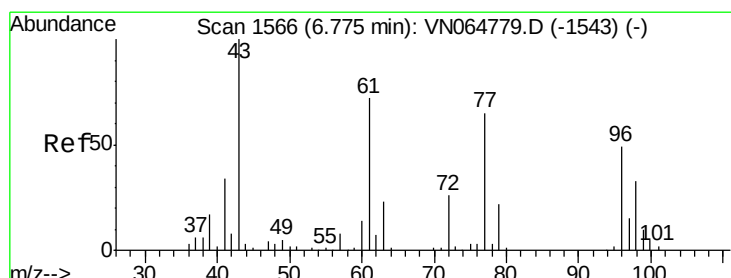
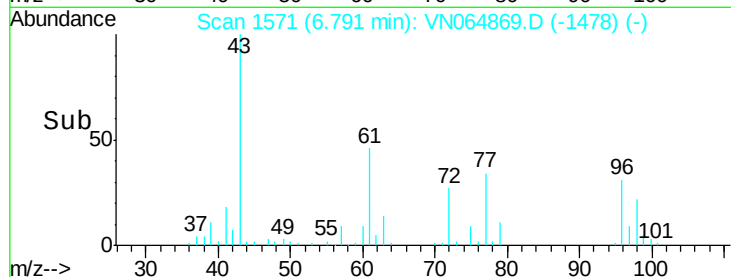
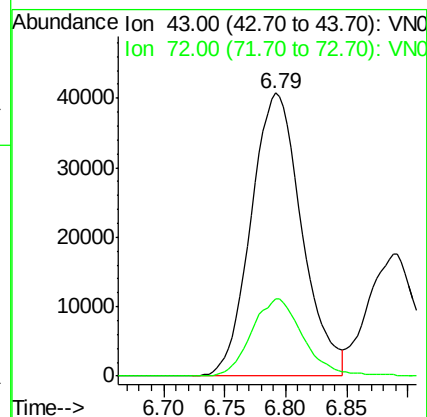
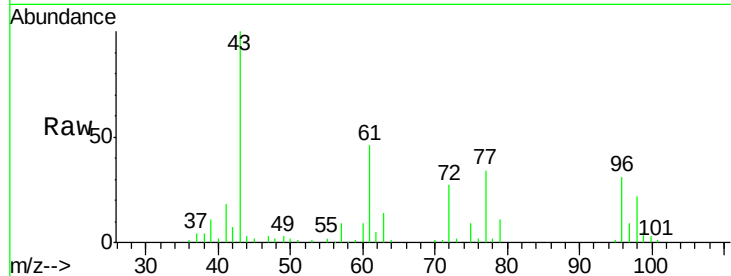
72 27.2 21.0 31.6

Manual Integrations

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MMDadoda

12/1/2020 9:35:09 AM



#26

2,2-Dichloropropane

Concen: 17.165 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN064869.D

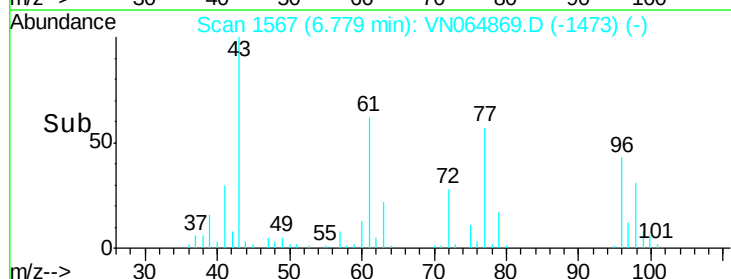
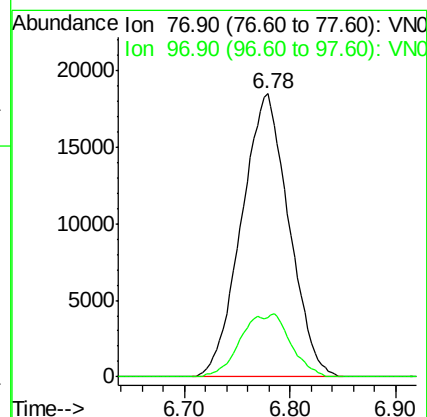
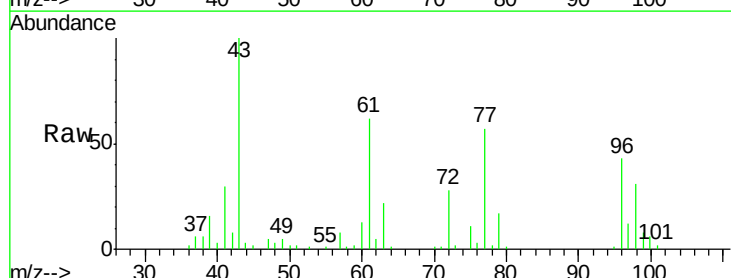
Acq: 30 Nov 2020 13:44

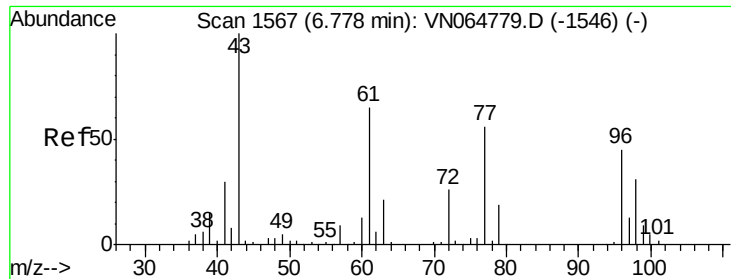
Tgt Ion: 77 Resp: 57639

Ion Ratio Lower Upper

77 100

97 11.8 11.7 35.0





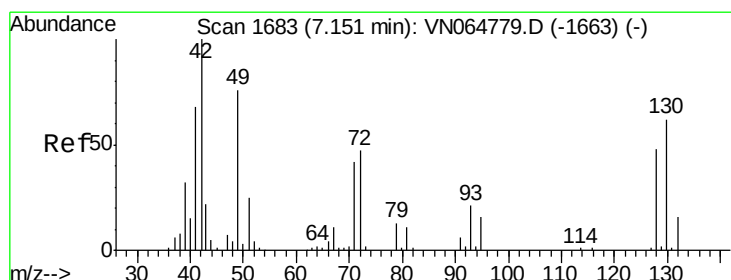
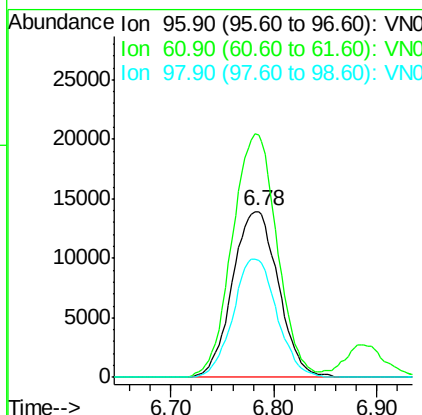
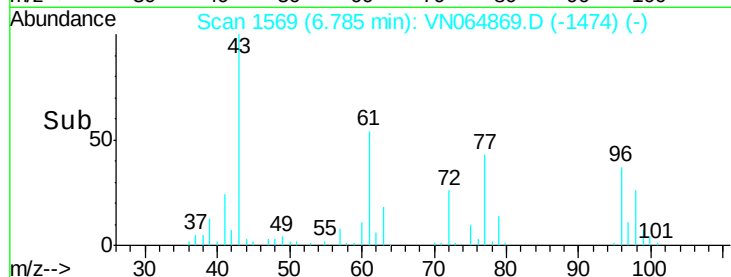
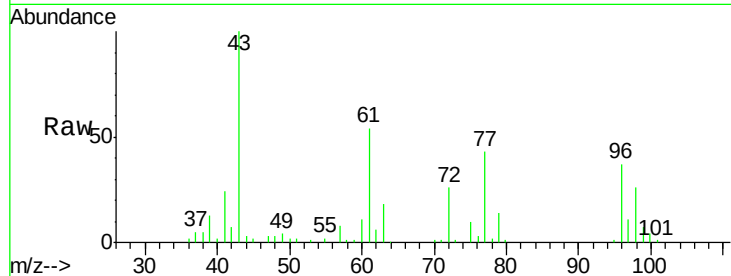
#27
 cis-1,2-Dichloroethene
 Concen: 17.566 ug/l
 RT: 6.78 min Scan# 1569
 Delta R.T. 0.01 min
 Lab File: VN064869.D
 Acq: 30 Nov 2020 13:44

Instrument :
 MSVOA_N
 ClientSampled :
 VN1130WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	143.5	0.0	285.8
98	68.1	0.0	130.6

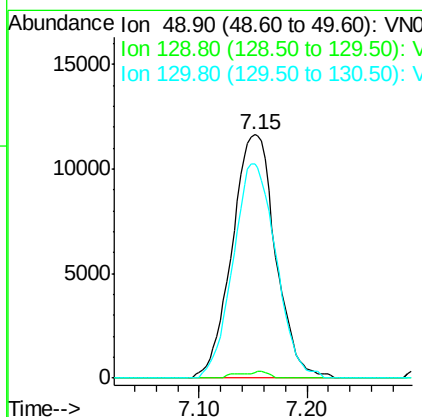
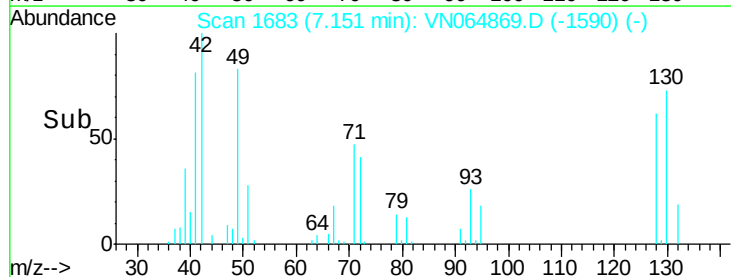
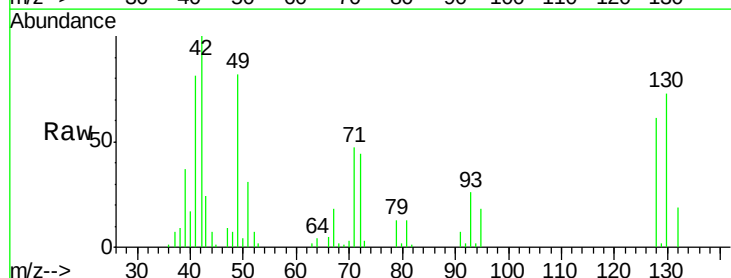
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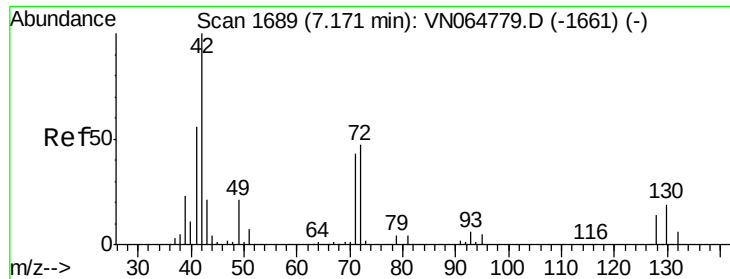
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 12/1/2020 9:35:09 AM



#28
 Bromochloromethane
 Concen: 18.438 ug/l
 RT: 7.15 min Scan# 1683
 Delta R.T. 0.00 min
 Lab File: VN064869.D
 Acq: 30 Nov 2020 13:44

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.1	0.0	3.8
130	87.1	66.2	99.2





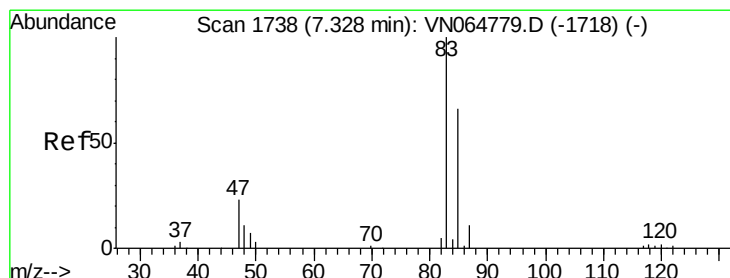
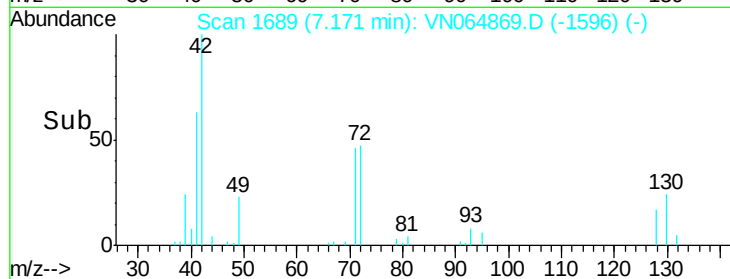
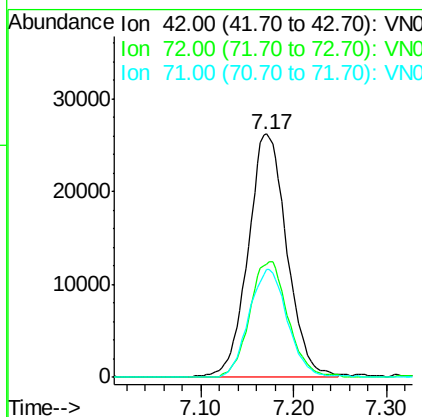
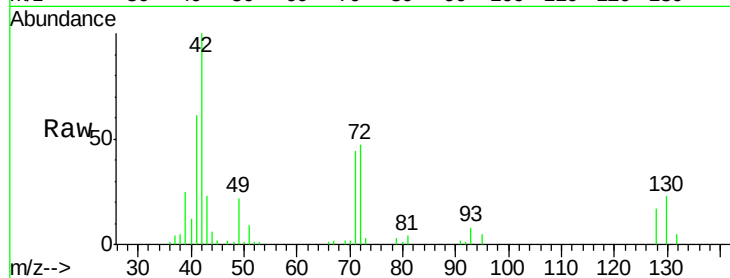
#29
Tetrahydrofuran
Concen: 88.083 ug/l
RT: 7.17 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VN064869.D
Acq: 30 Nov 2020 13:44

Instrument :
MSVOA_N
ClientSampleId :
VN1130WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.0	36.6	54.8
71	43.9	33.6	50.4

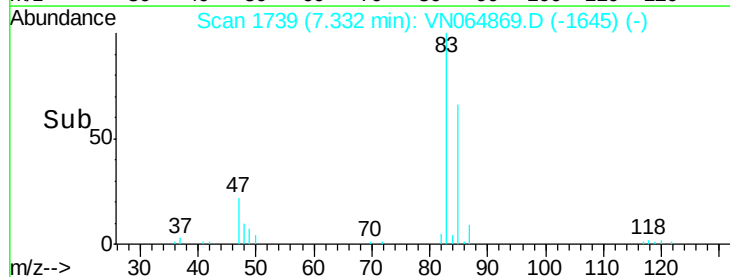
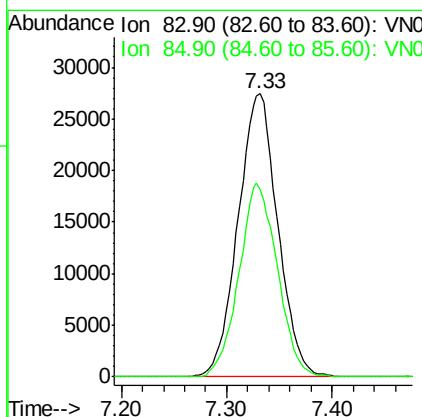
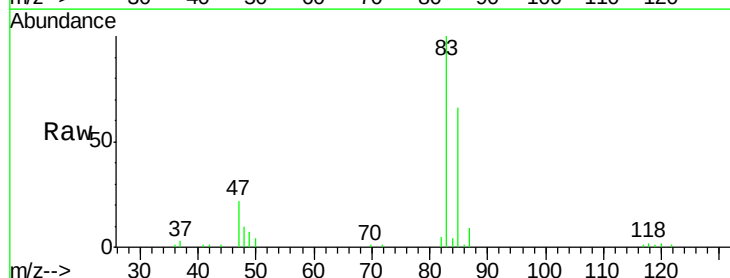
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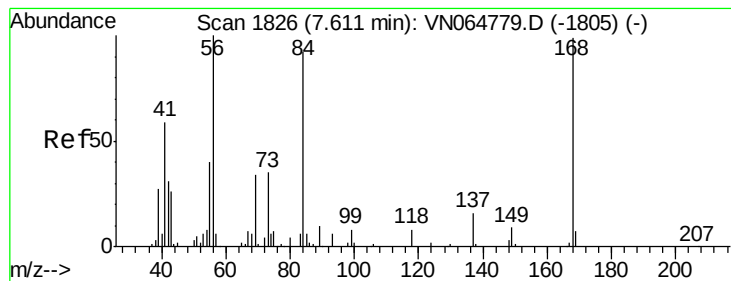
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#30
Chloroform
Concen: 18.003 ug/l
RT: 7.33 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VN064869.D
Acq: 30 Nov 2020 13:44

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.1	52.6	78.8





#31

Cyclohexane

Concen: 17.237 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN064869.D

Acq: 30 Nov 2020 13:44

Instrument :

MSVOA_N

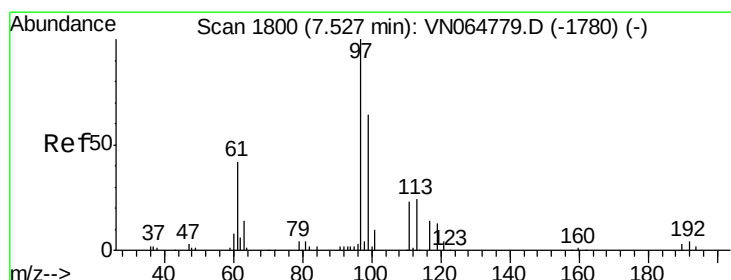
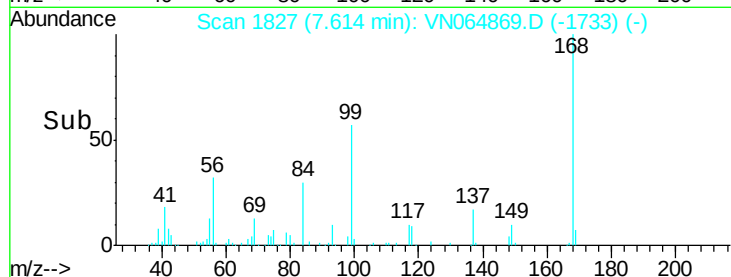
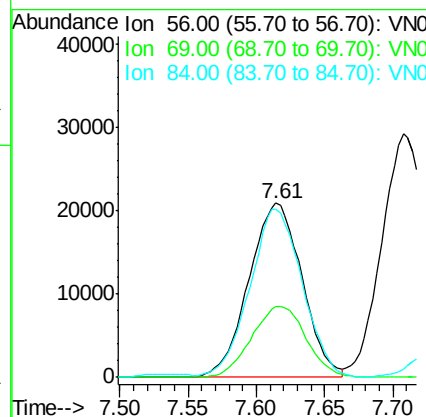
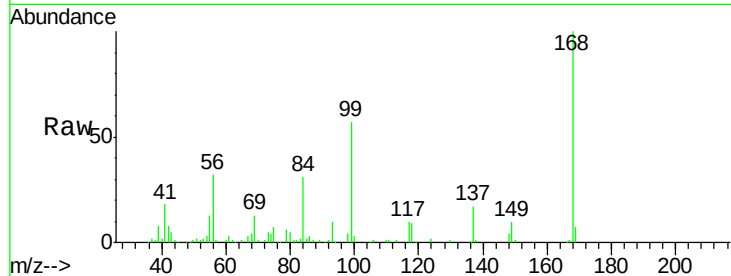
ClientSampled :

VN1130WBS01

Tot Ion:	56	Resp:	56523
Ion Ratio	Lower	Upper	
56	100		
69	40.7	27.5	41.3
84	95.5	73.9	110.9

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#32

1,1,1-Trichloroethane

Concen: 17.934 ug/l

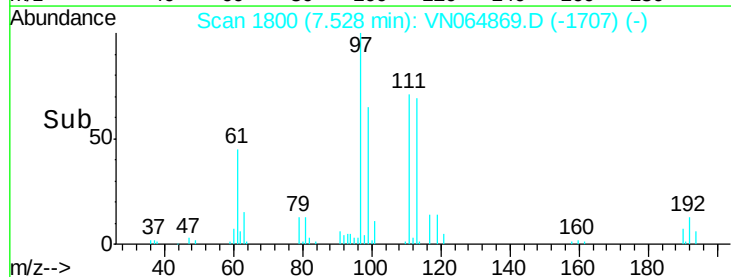
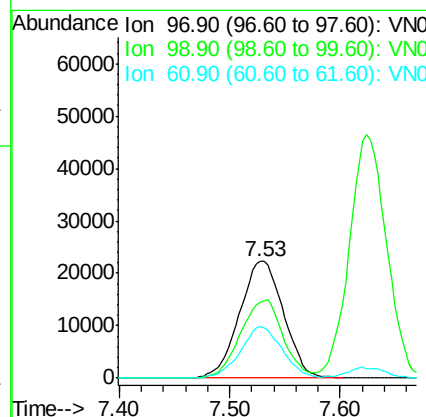
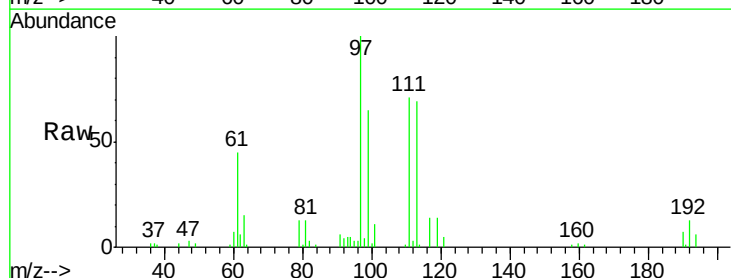
RT: 7.53 min Scan# 1800

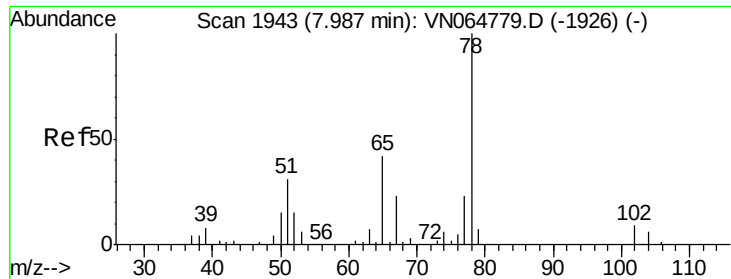
Delta R.T. 0.00 min

Lab File: VN064869.D

Acq: 30 Nov 2020 13:44

Tgt Ion:	97	Resp:	61500
Ion Ratio	Lower	Upper	
97	100		
99	65.1	51.7	77.5
61	42.1	33.9	50.9





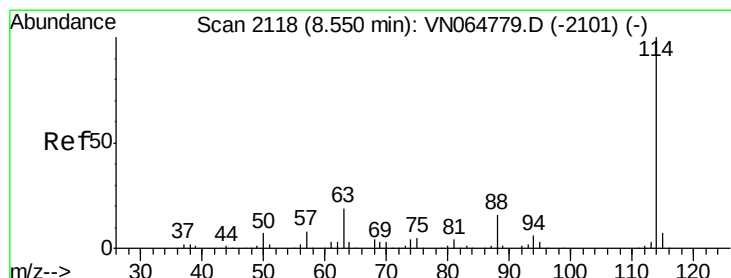
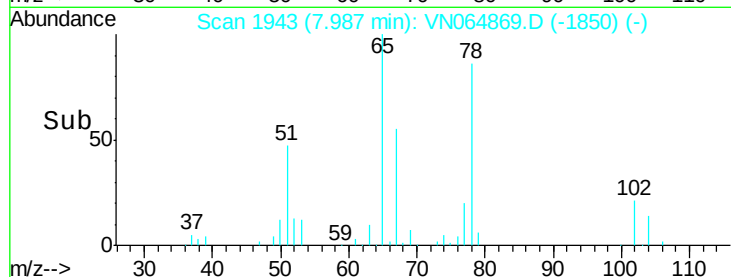
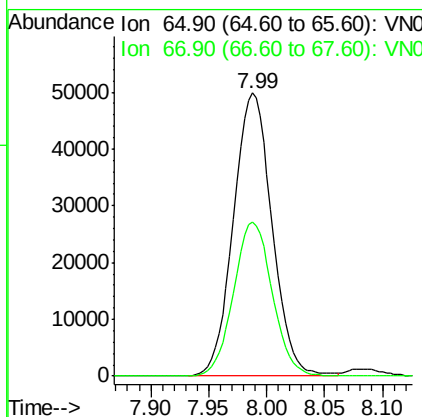
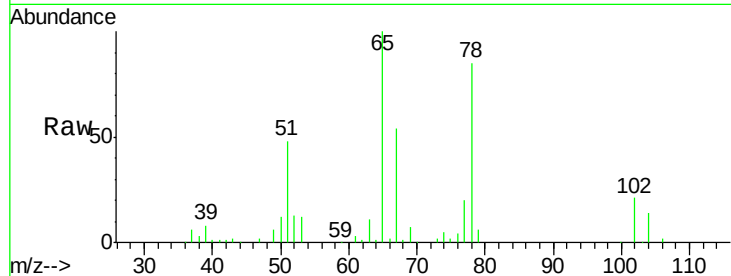
#33
 1,2-Dichloroethane-d4
 Concen: 49.199 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064869.D
 Acq: 30 Nov 2020 13:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1130WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	54.5	0.0	108.2	

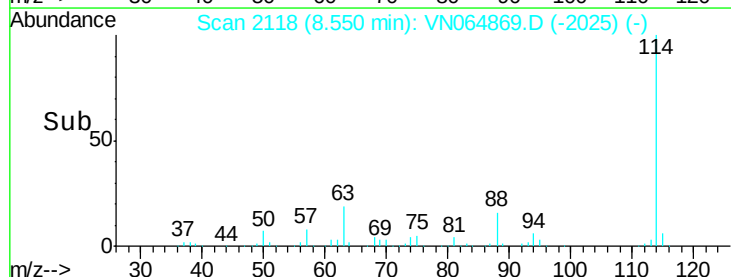
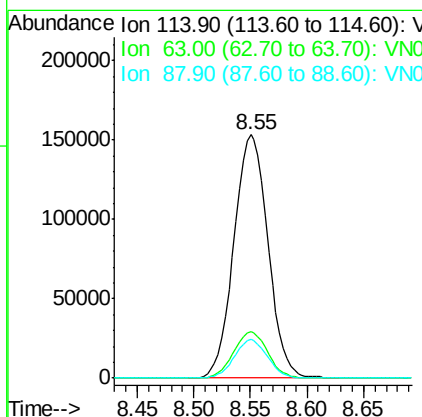
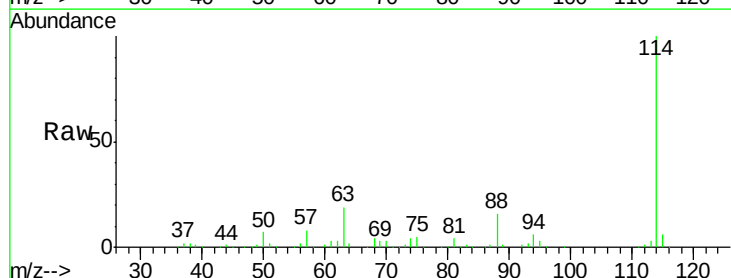
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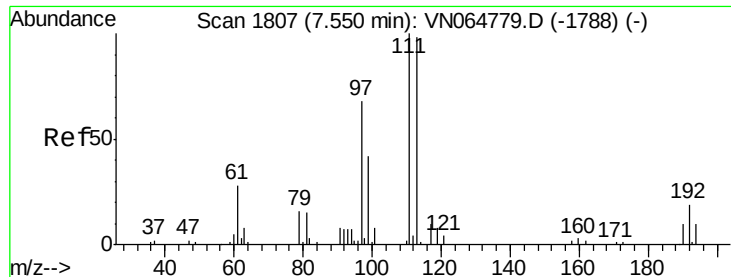
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064869.D
 Acq: 30 Nov 2020 13:44

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	19.2	0.0	38.6	
88	16.2	0.0	32.6	





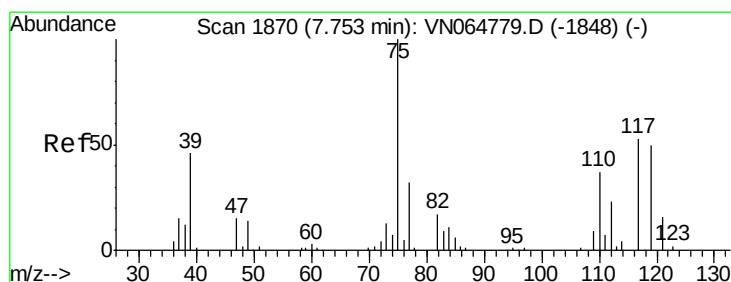
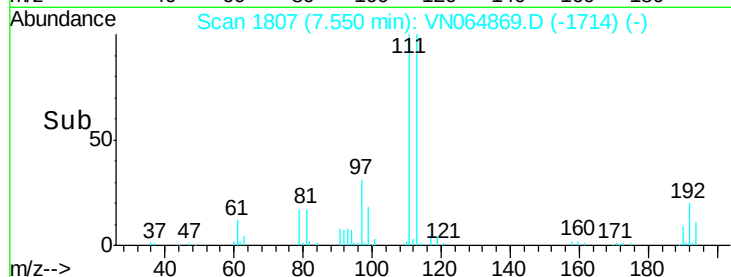
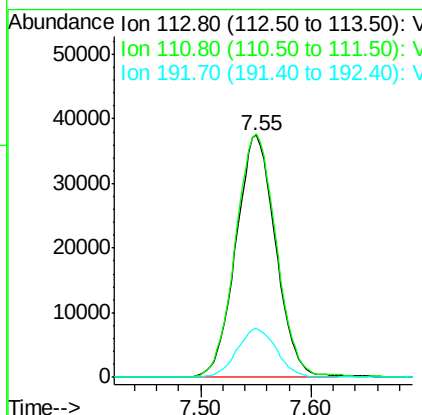
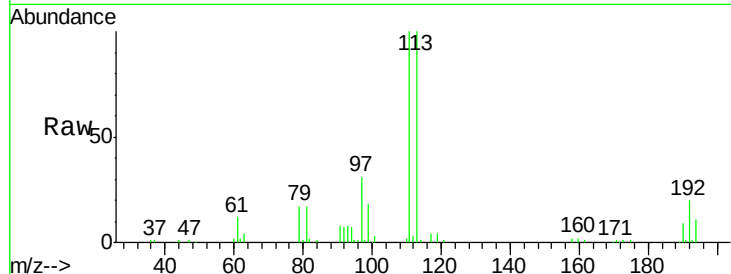
#35
 Dibromofluoromethane
 Concen: 48.421 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064869.D
 Acq: 30 Nov 2020 13:44

Instrument :
 MSVOA_N
 ClientSampled :
 VN1130WBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.6	122.4
192	20.0	16.2	24.2

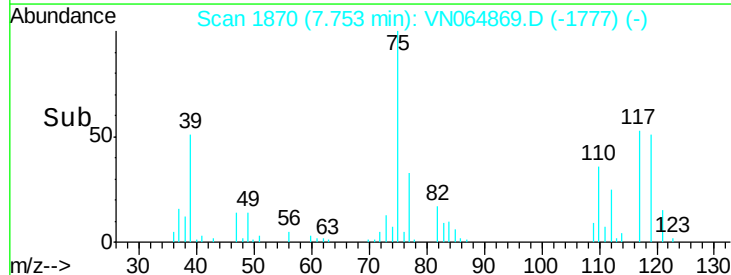
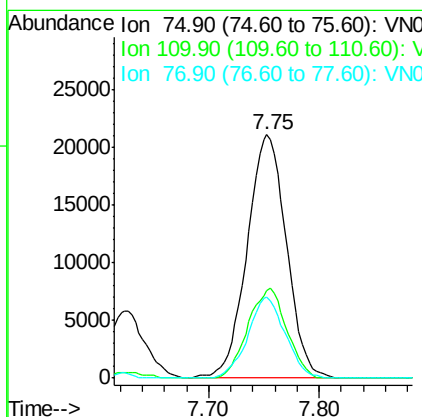
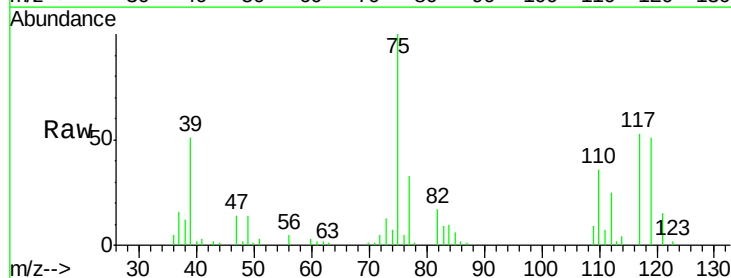
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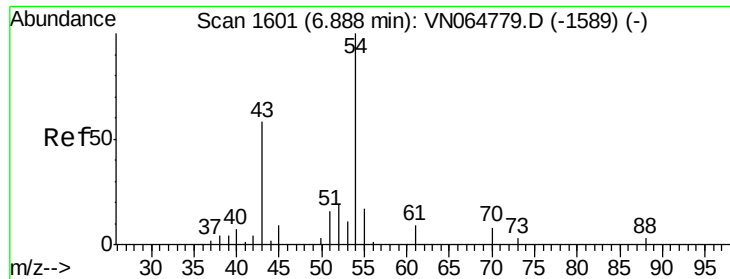
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#36
 1,1-Dichloropropene
 Concen: 17.416 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. 0.00 min
 Lab File: VN064869.D
 Acq: 30 Nov 2020 13:44

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.3	17.8	53.3
77	31.6	25.0	37.4





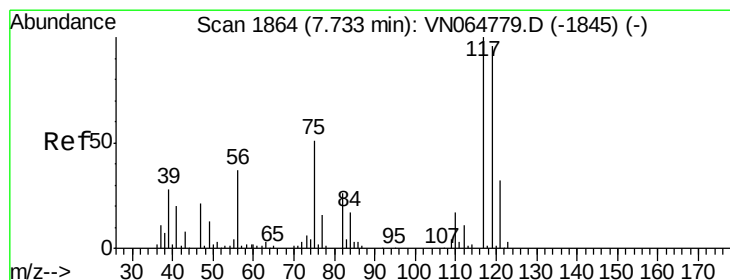
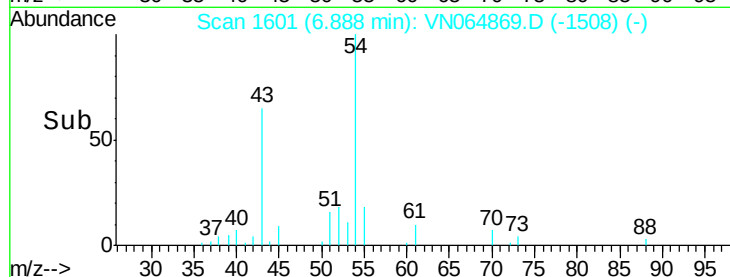
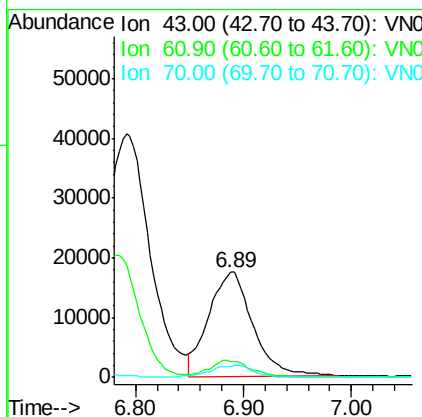
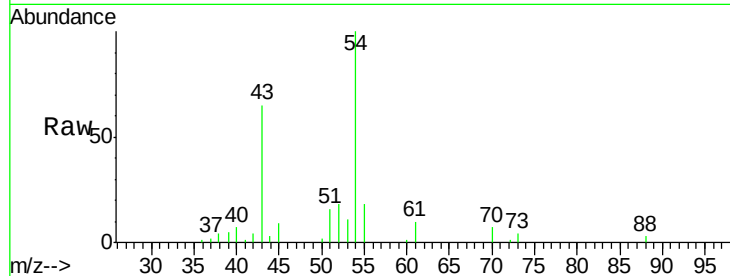
#37
Ethyl Acetate
Concen: 17.142 ug/l
RT: 6.89 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VN064869.D
Acq: 30 Nov 2020 13:44

Instrument :
MSVOA_N
ClientSampled :
VN1130WBS01

Tot Ion	43	61	70
Ion	43	61	70
Ratio	100	15.6	11.2
Lower		12.8	8.8
Upper		19.2	13.2

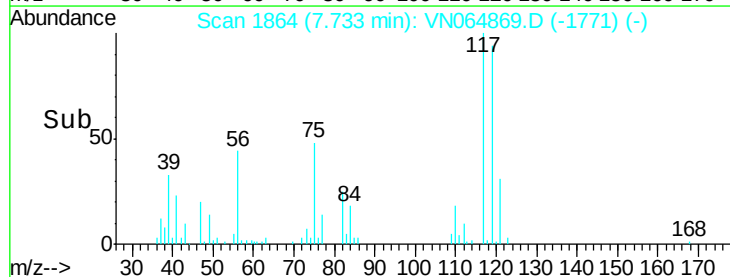
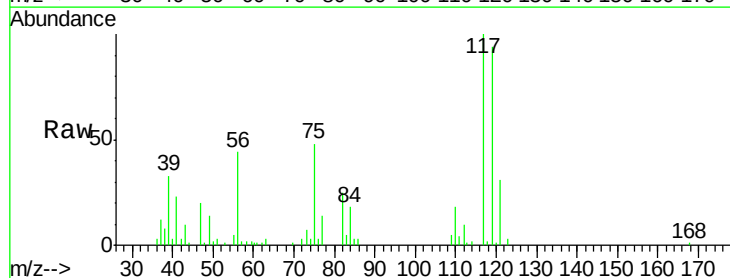
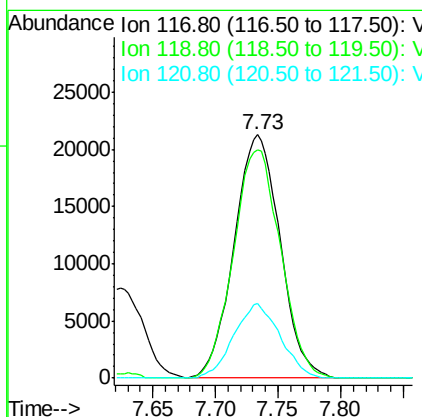
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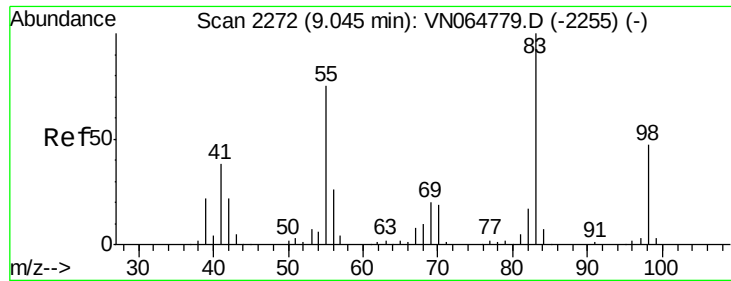
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#38
Carbon Tetrachloride
Concen: 17.496 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN064869.D
Acq: 30 Nov 2020 13:44

Tgt Ion	117	119	121
Ion	117	119	121
Ratio	100	93.8	30.6
Lower		76.7	25.4
Upper		115.1	38.2





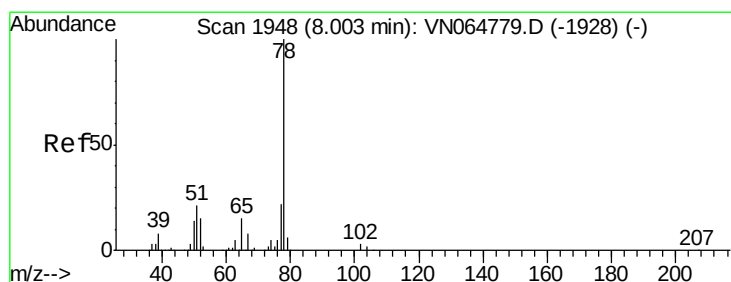
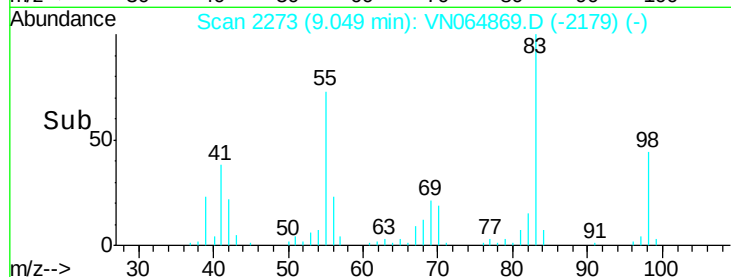
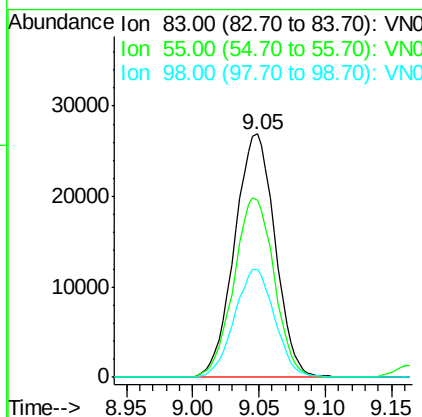
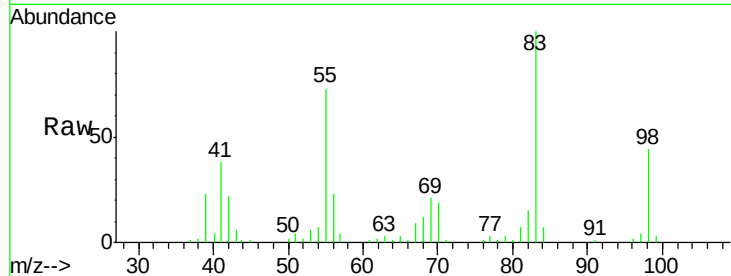
#39
Methylvlcyclohexane
Concen: 17.784 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN064869.D
Acq: 30 Nov 2020 13:44

Instrument :
MSVOA_N
ClientSampleId :
VN1130WBS01

Tot Ion	83	Resp	57178
Ion Ratio	100	Lower	Upper
83	100		
55	72.6	60.2	90.2
98	44.4	37.4	56.2

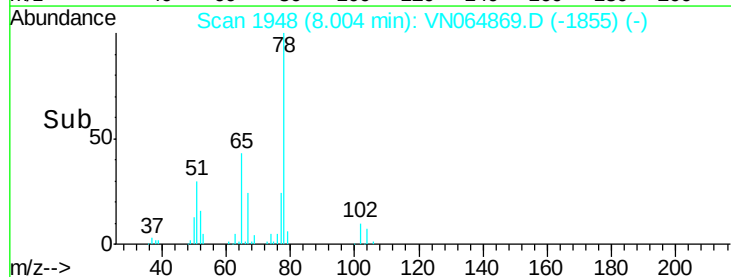
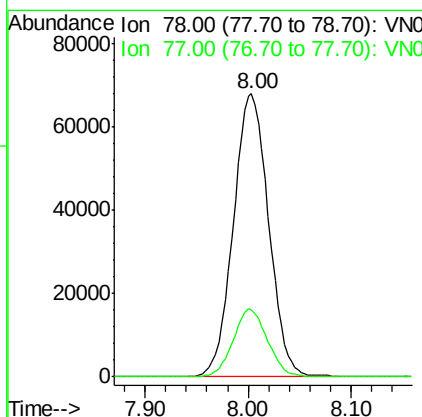
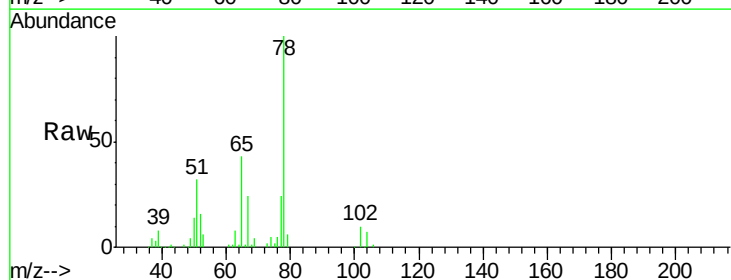
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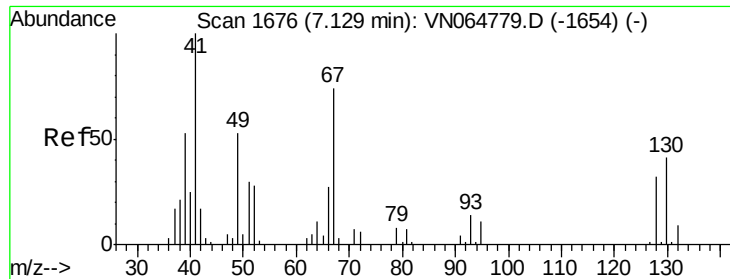
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#40
Benzene
Concen: 17.709 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN064869.D
Acq: 30 Nov 2020 13:44

Tgt Ion	78	Resp	162075
Ion Ratio	100	Lower	Upper
78	100		
77	23.7	17.9	26.9





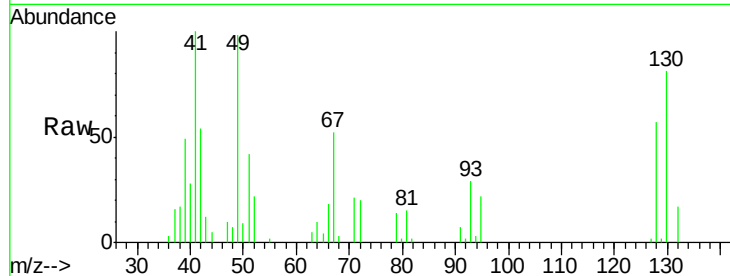
#41
Methacrylonitrile
Concen: 18.844 ug/l m
RT: 7.14 min Scan# 1679
Delta R.T. 0.01 min
Lab File: VN064869.D
Acq: 30 Nov 2020 13:44

Instrument :
MSVOA_N
ClientSampleId :
VN1130WBS01

Tot Ion	Ion	Ratio	Lower	Upper
25016	41	100		
	39	51.7	51.0	76.6
	67	83.5	79.8	119.8
	52	33.5	31.5	47.3

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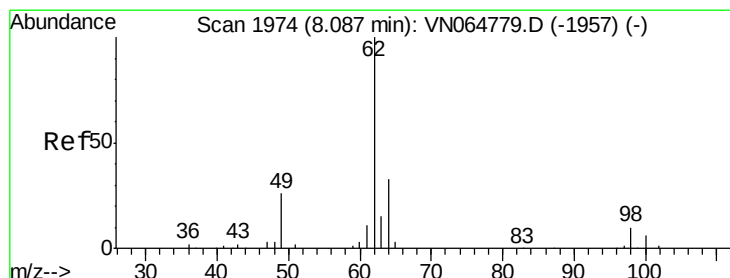
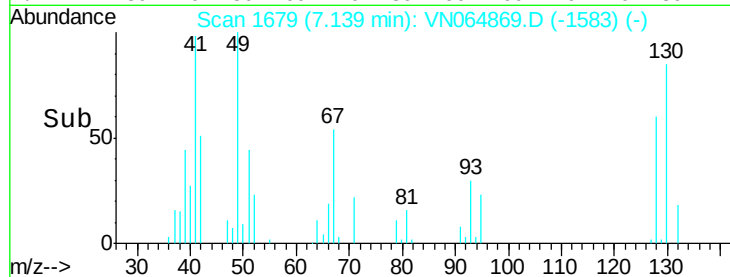
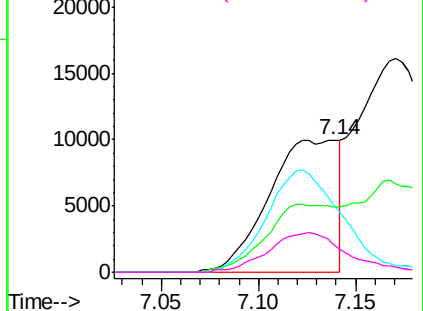


Abundance Ion 41.00 (40.70 to 41.70): VN064869.D (-1583) (-)

Ion 39.00 (38.70 to 39.70): VN064869.D (-1583) (-)

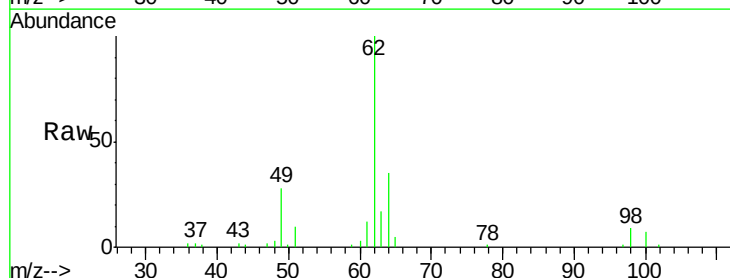
Ion 67.00 (66.70 to 67.70): VN064869.D (-1583) (-)

Ion 52.00 (51.70 to 52.70): VN064869.D (-1583) (-)



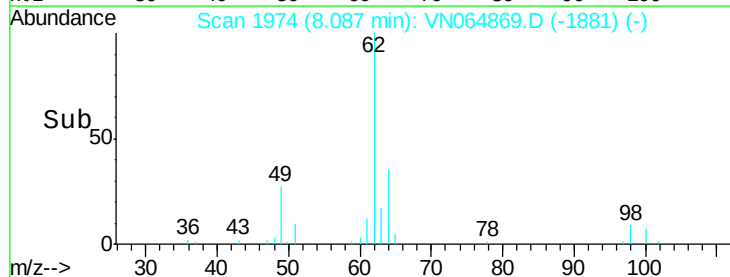
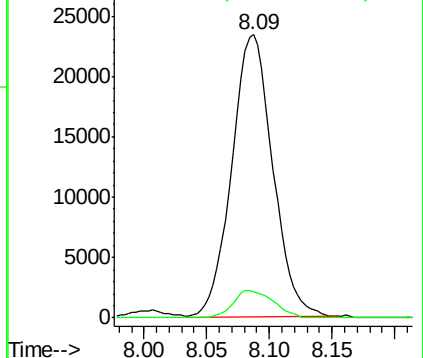
#42
1,2-Dichloroethane
Concen: 17.148 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN064869.D
Acq: 30 Nov 2020 13:44

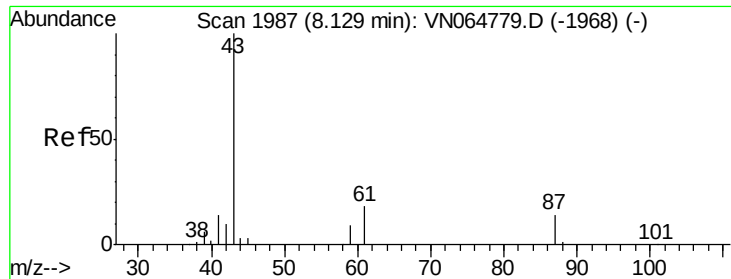
Tgt Ion	Ion	Ratio	Lower	Upper
52944	62	100		
	98	9.5	0.0	19.6



Abundance Ion 61.90 (61.60 to 62.60): VN064869.D (-1881) (-)

Ion 97.90 (97.60 to 98.60): VN064869.D (-1881) (-)





#43

Isopropyl Acetate

Concen: 17.125 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN064869.D

Acq: 30 Nov 2020 13:44

Instrument :

MSVOA_N

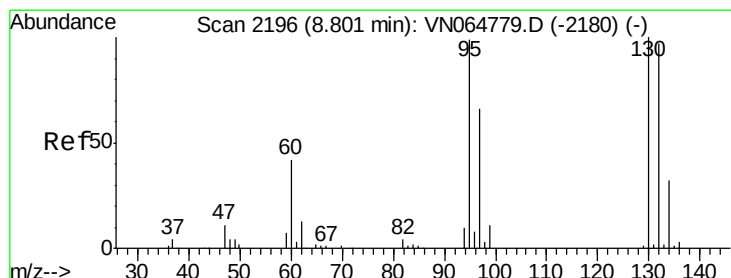
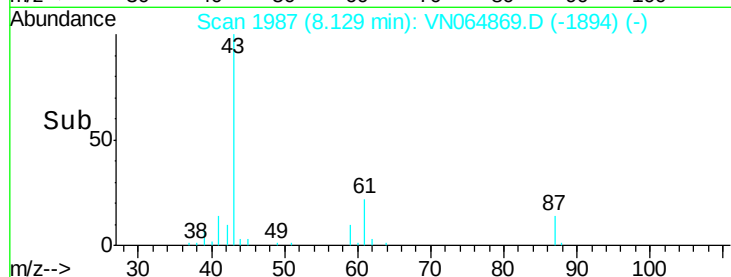
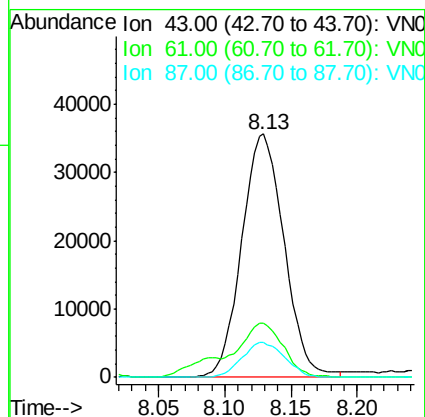
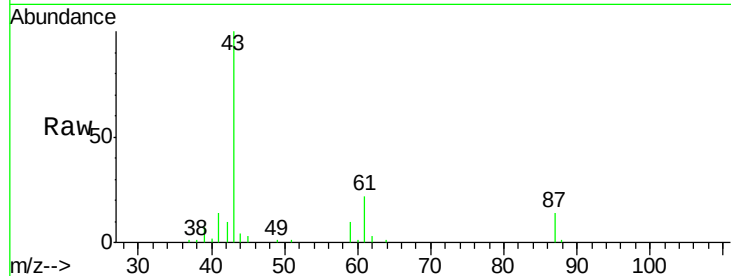
ClientSampleId :

VN1130WBS01

Tot Ion:	43	Resp:	79279
Ion	Ratio	Lower	Upper
43	100		
61	22.2	17.2	25.8
87	14.4	11.4	17.0

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#44

Trichloroethene

Concen: 17.953 ug/l

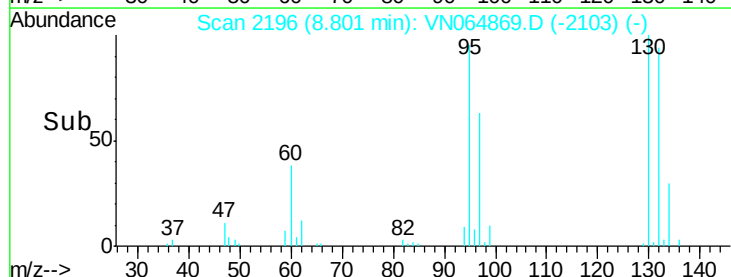
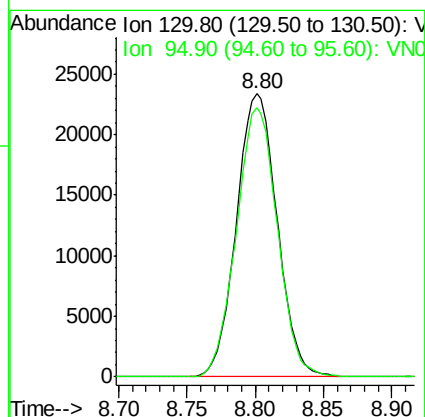
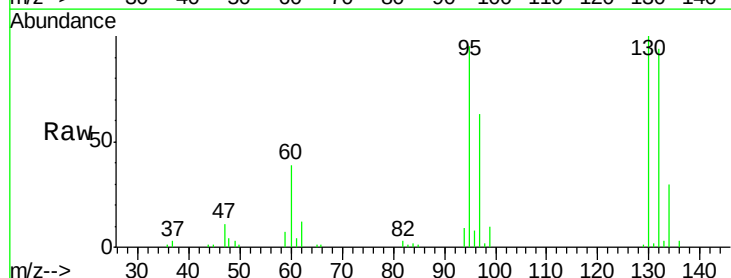
RT: 8.80 min Scan# 2196

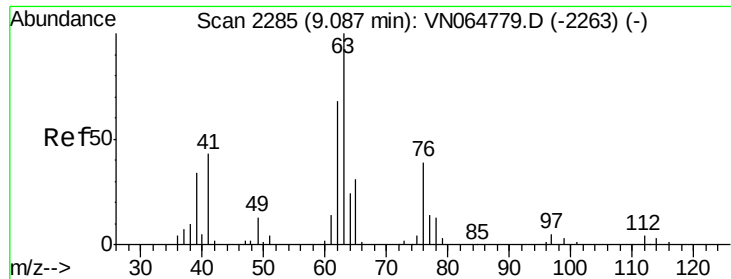
Delta R.T. 0.00 min

Lab File: VN064869.D

Acq: 30 Nov 2020 13:44

Tgt Ion:	130	Resp:	48479
Ion	Ratio	Lower	Upper
130	100		
95	95.1	0.0	197.8





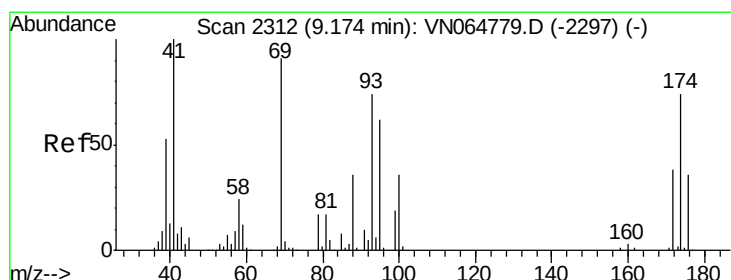
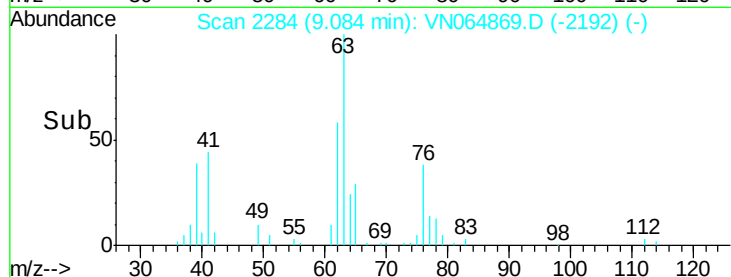
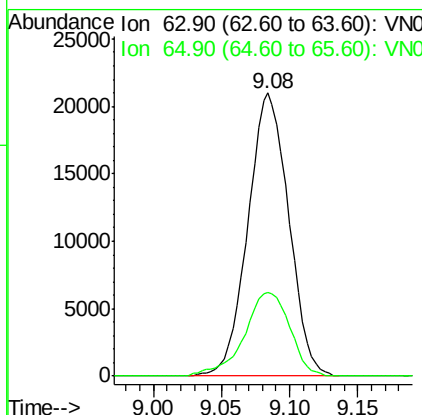
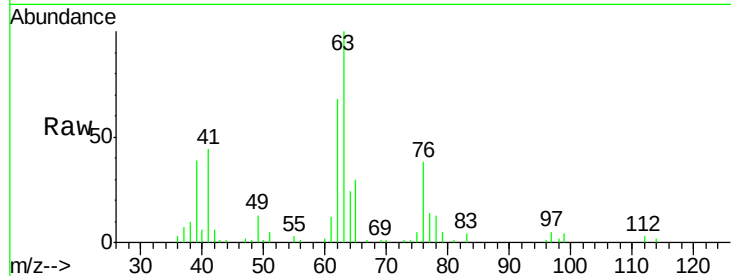
#45
 1,2-Dichloropropane
 Concen: 18.352 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN064869.D
 Acq: 30 Nov 2020 13:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1130WBS01

Tot Ion: 63 Resp: 43497
 Ion Ratio Lower Upper
 63 100
 65 29.7 25.0 37.4

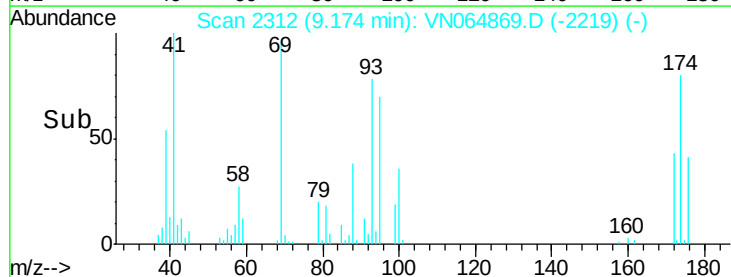
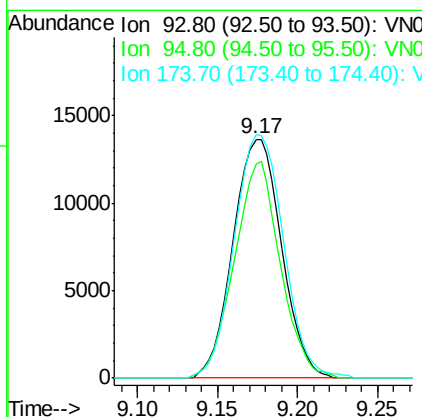
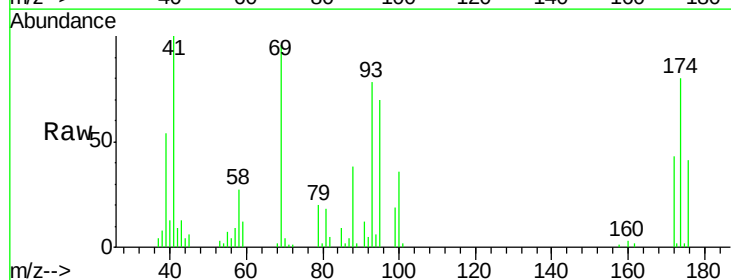
Manual Integrations
 APPROVED

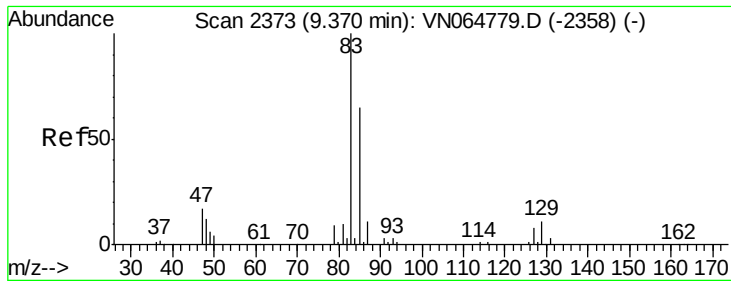
MMDadoda
 12/1/2020 9:35:09 AM



#46
 Dibromomethane
 Concen: 17.832 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN064869.D
 Acq: 30 Nov 2020 13:44

Tgt Ion: 93 Resp: 28235
 Ion Ratio Lower Upper
 93 100
 95 85.9 68.8 103.2
 174 104.3 83.1 124.7





#47

Bromodichloromethane

Concen: 17.983 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN064869.D

Acq: 30 Nov 2020 13:44

Instrument :

MSVOA_N

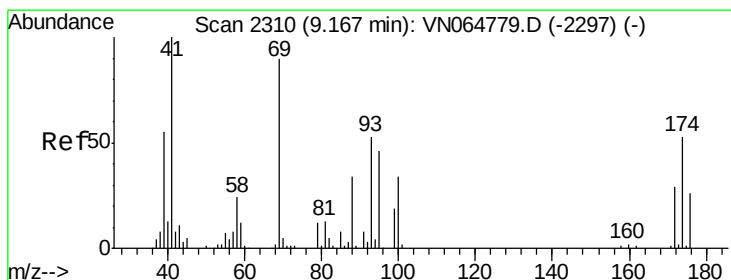
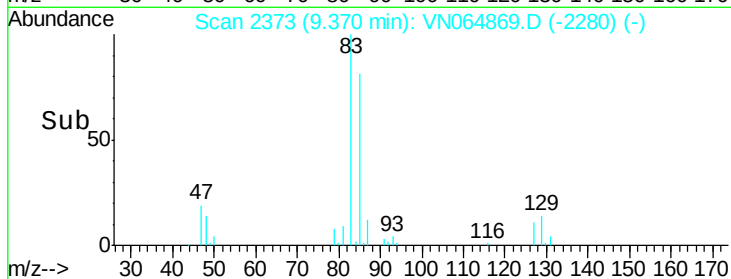
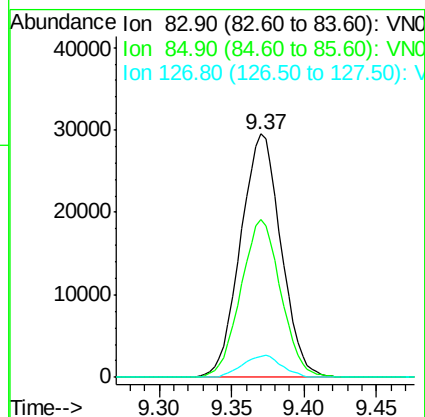
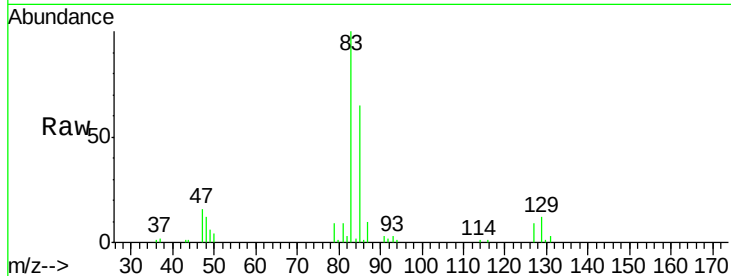
ClientSampleId :

VN1130WBS01

Tot Ion:	83	Resp:	57295
Ion Ratio	Lower	Upper	
83	100		
85	64.9	51.8	77.8
127	8.8	6.8	10.2

Manual Integrations
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12/1/2020 9:35:09 AM



#48

Methyl methacrylate

Concen: 17.059 ug/l

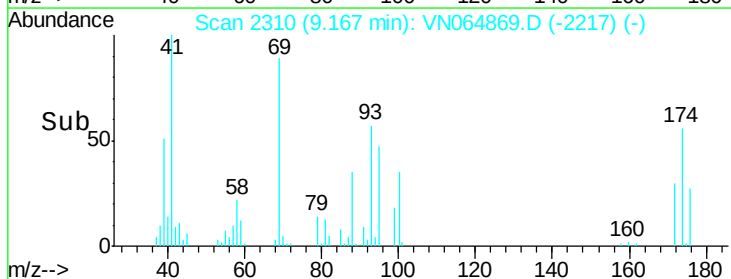
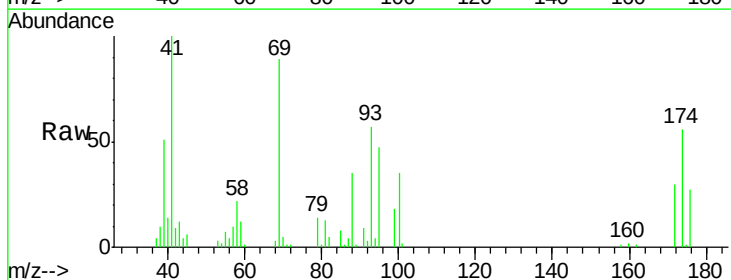
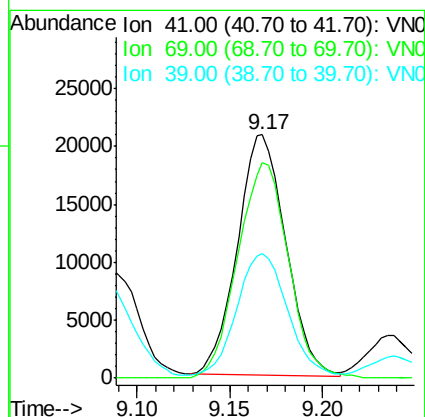
RT: 9.17 min Scan# 2310

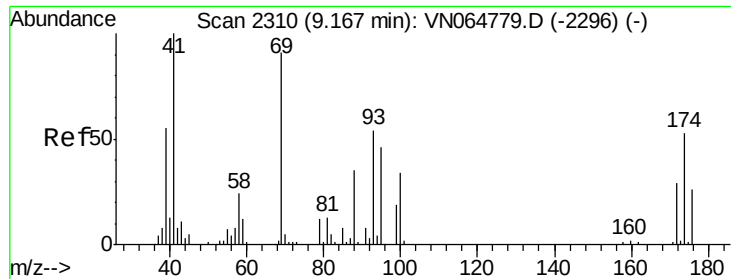
Delta R.T. 0.00 min

Lab File: VN064869.D

Acq: 30 Nov 2020 13:44

Tgt Ion:	41	Resp:	37736
Ion Ratio	Lower	Upper	
41	100		
69	93.8	71.8	107.8
39	55.2	44.1	66.1





#49

1,4-Dioxane

Concen: 345.235 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN064869.D

Acq: 30 Nov 2020 13:44

Instrument :

MSVOA_N

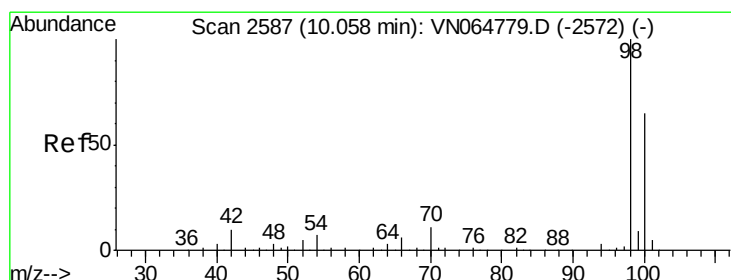
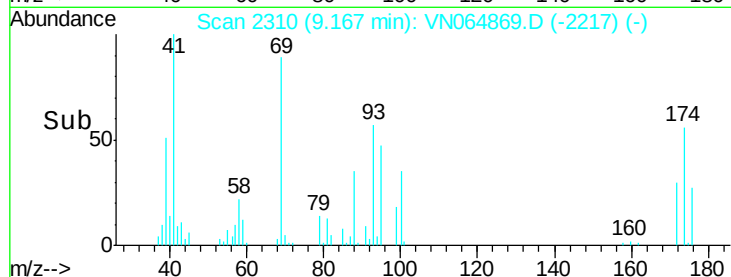
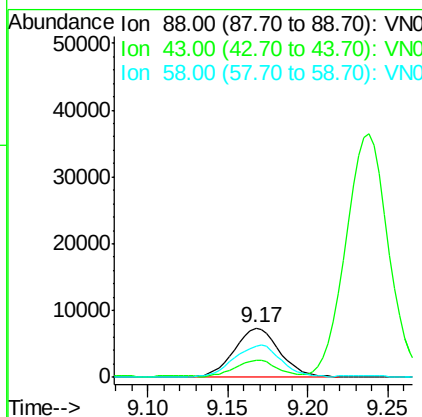
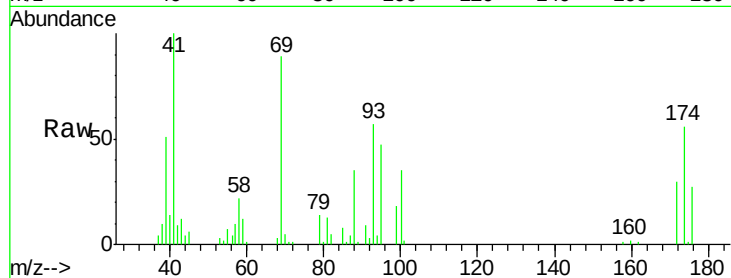
ClientSampleId :

VN1130WBS01

Tot Ion:	88	Resp:	14434
Ion Ratio	Lower	Upper	
88	100		
43	33.3	24.2	36.4
58	68.1	52.5	78.7

Manual Integrations
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#50

Toluene-d8

Concen: 48.358 ug/l

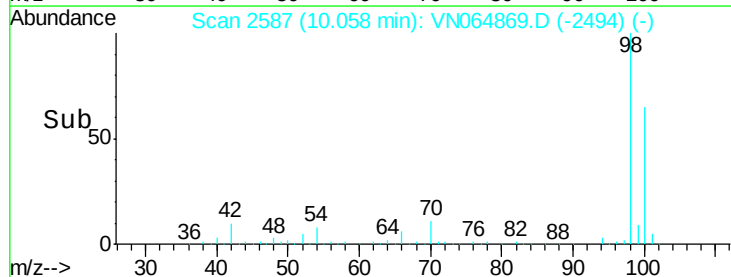
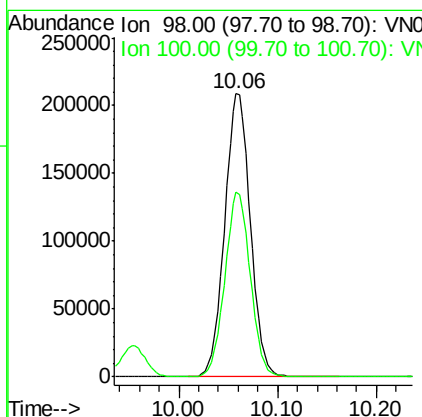
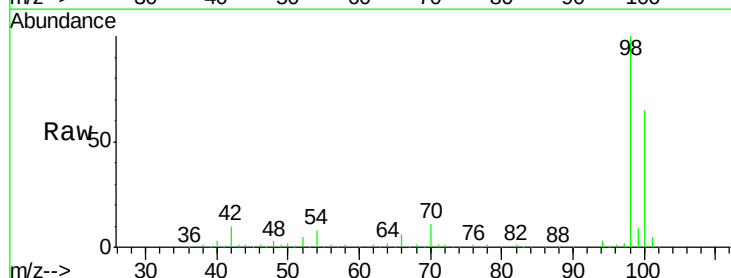
RT: 10.06 min Scan# 2587

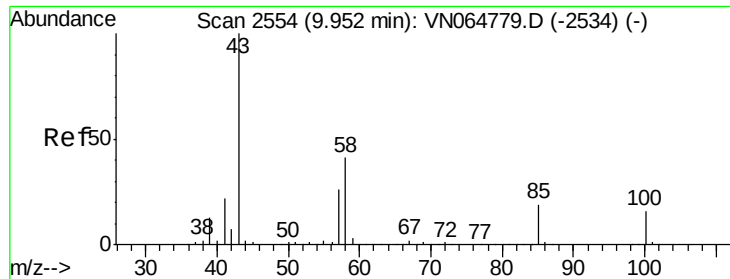
Delta R.T. 0.00 min

Lab File: VN064869.D

Acq: 30 Nov 2020 13:44

Tgt Ion:	98	Resp:	380960
Ion Ratio	Lower	Upper	
98	100		
100	64.5	51.7	77.5





#51

4-Methyl-2-Pentanone

Concen: 90.983 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN064869.D

Acq: 30 Nov 2020 13:44

Instrument :

MSVOA_N

ClientSampleId :

VN1130WBS01

Tot Ion: 43 Resp: 252866

Ion Ratio Lower Upper

43 100

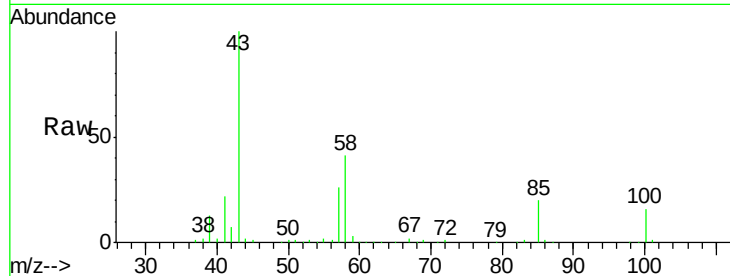
58 40.3 32.4 48.6

Manual Integrations

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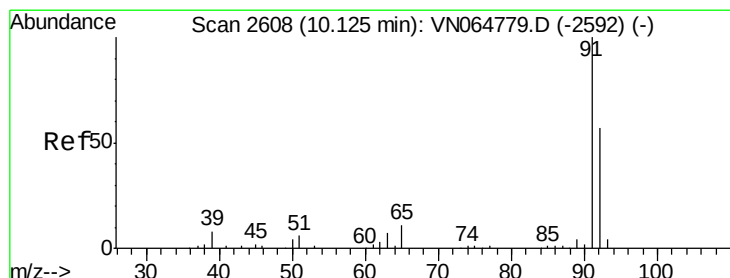
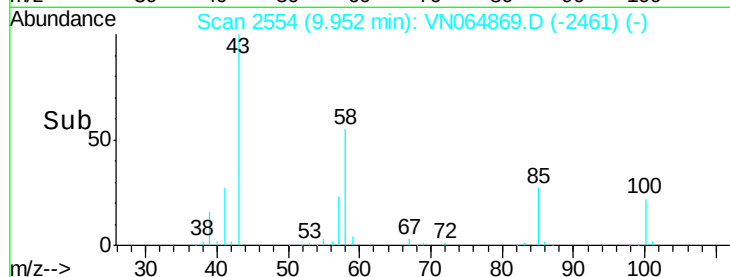
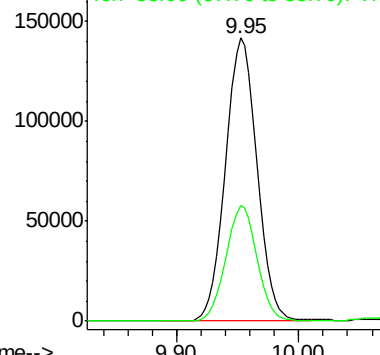
MMDadoda

12/1/2020 9:35:09 AM



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 17.851 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN064869.D

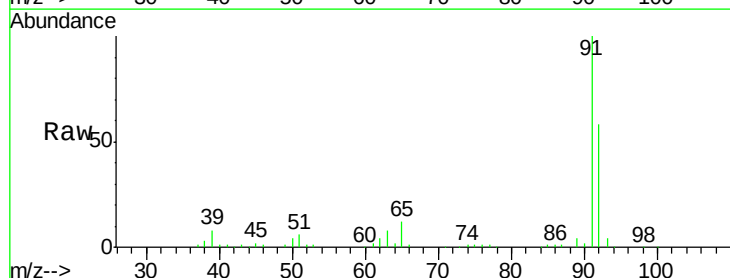
Acq: 30 Nov 2020 13:44

Tgt Ion: 92 Resp: 100614

Ion Ratio Lower Upper

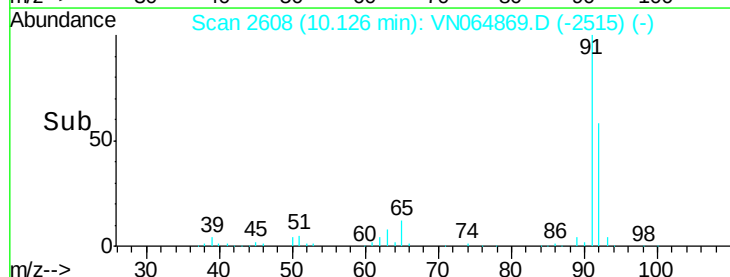
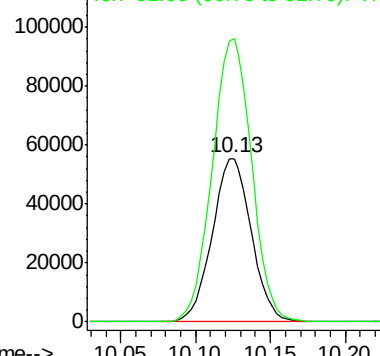
92 100

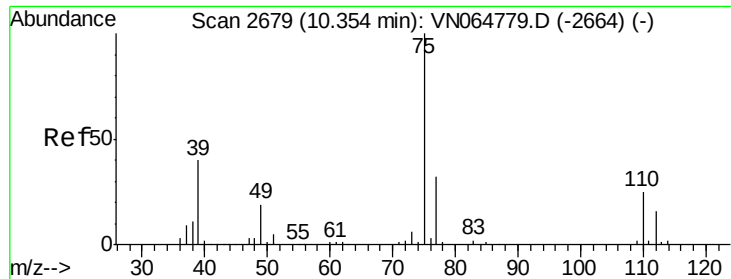
91 175.0 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





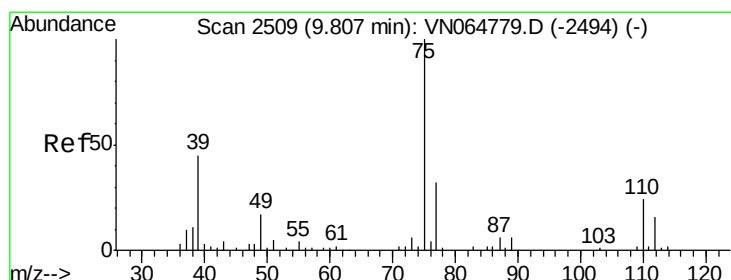
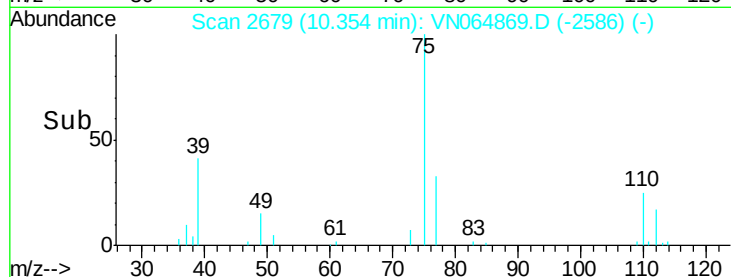
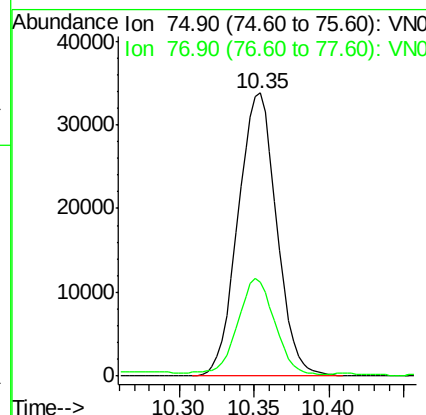
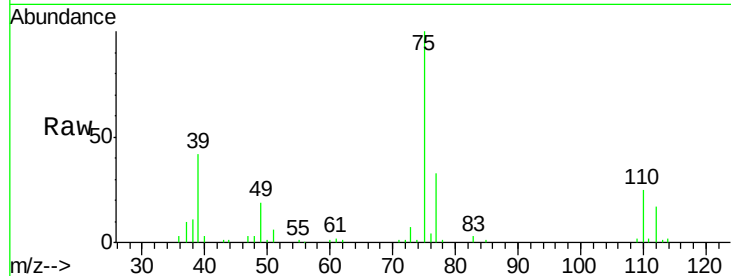
#53
t-1,3-Dichloropropene
Concen: 17.108 ug/l
RT: 10.35 min Scan# 2679
Delta R.T. 0.00 min
Lab File: VN064869.D
Acq: 30 Nov 2020 13:44

Instrument :
MSVOA_N
ClientSampleId :
VN1130WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.2	25.8	38.6

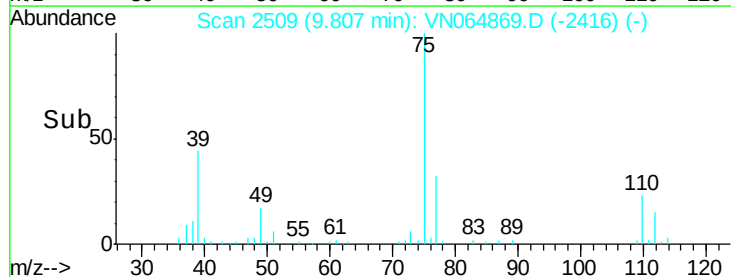
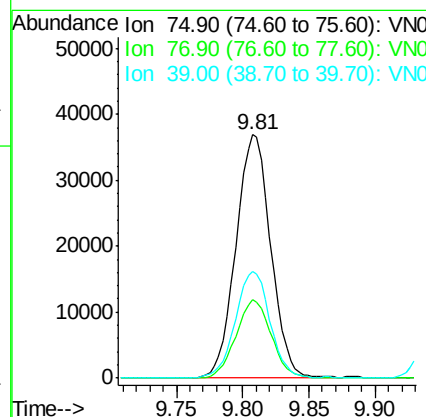
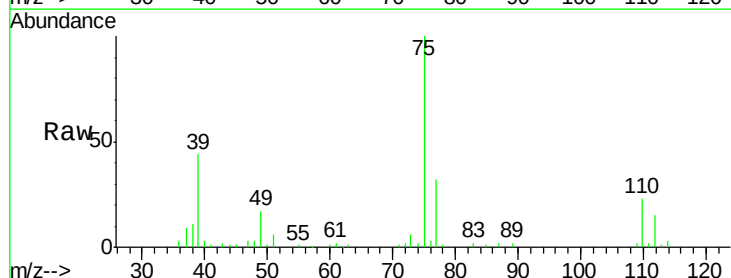
Manual Integrations
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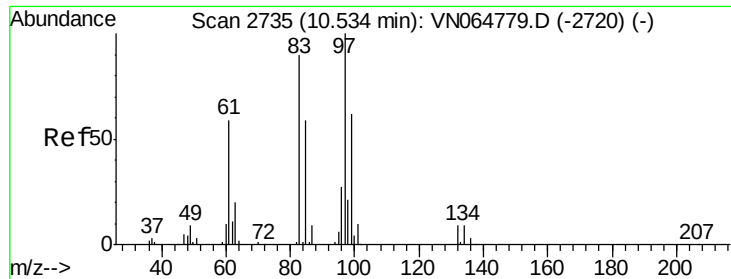
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#54
cis-1,3-Dichloropropene
Concen: 17.725 ug/l
RT: 9.81 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VN064869.D
Acq: 30 Nov 2020 13:44

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.5	38.3
39	43.6	35.6	53.4





#55

1,1,2-Trichloroethane

Concen: 17.810 ug/l

RT: 10.53 min Scan# 2734

Delta R.T. -0.00 min

Lab File: VN064869.D

Acq: 30 Nov 2020 13:44

Instrument :

MSVOA_N

ClientSampleId :

VN1130WBS01

Tot Ion: 97 Resp: 41278

Ion Ratio Lower Upper

97 100

83 87.5 72.1 108.1

85 55.5 46.8 70.2

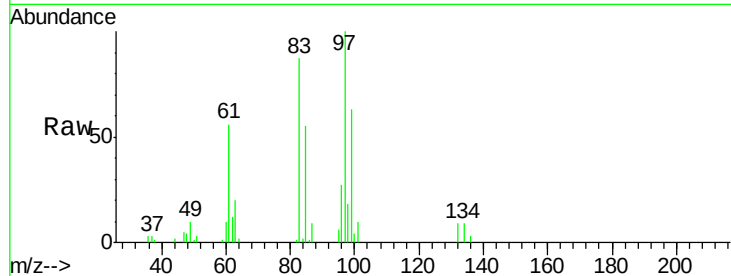
99 63.2 49.6 74.4

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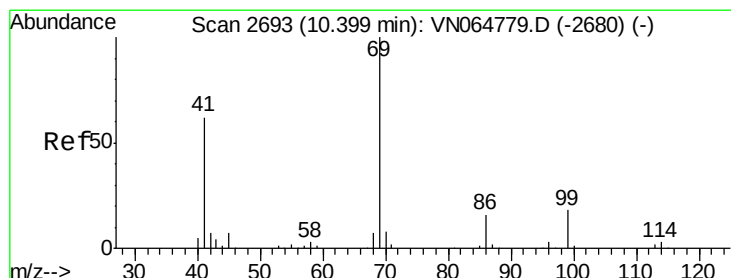
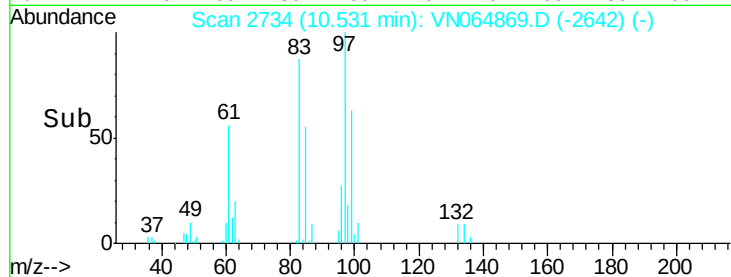
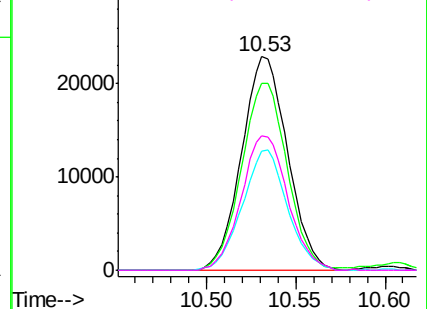


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 17.879 ug/l

RT: 10.40 min Scan# 2693

Delta R.T. 0.00 min

Lab File: VN064869.D

Acq: 30 Nov 2020 13:44

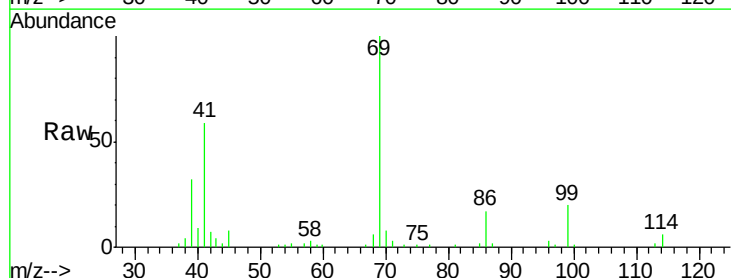
Tgt Ion: 69 Resp: 57183

Ion Ratio Lower Upper

69 100

41 62.0 49.4 74.0

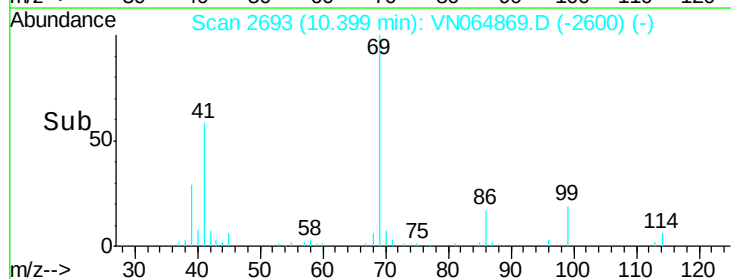
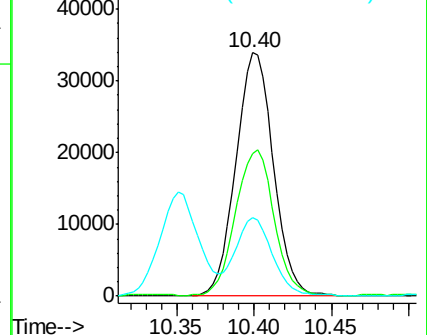
39 32.5 25.9 38.9

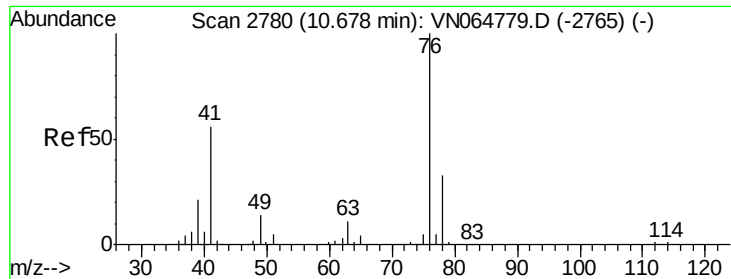


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





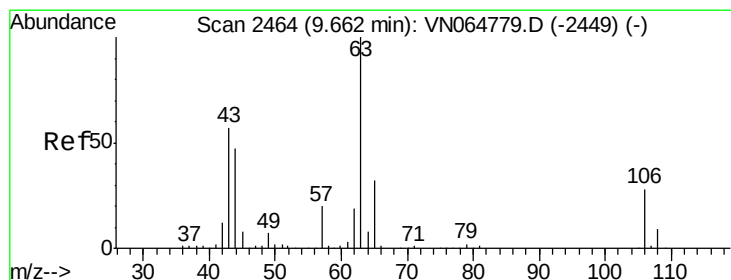
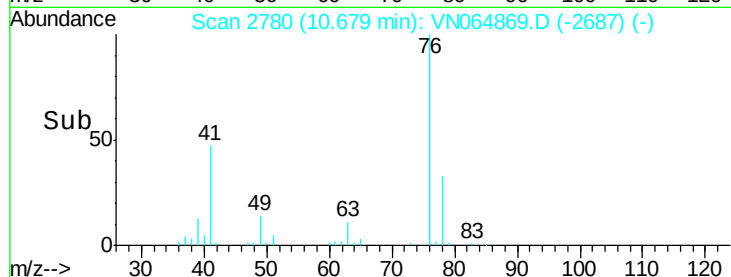
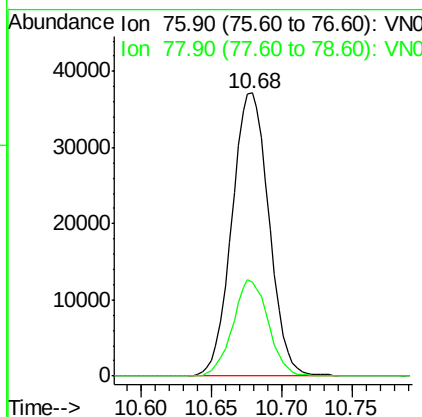
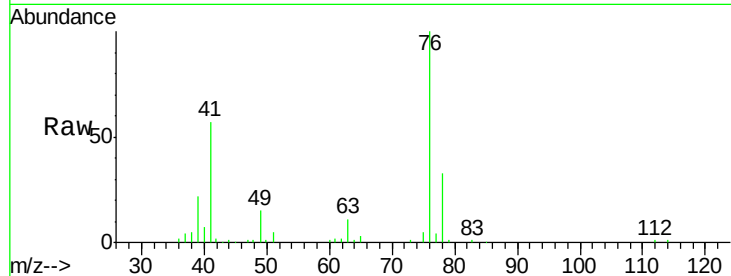
#57
 1,3-Dichloropropane
 Concen: 17.884 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. 0.00 min
 Lab File: VN064869.D
 Acq: 30 Nov 2020 13:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1130WBS01

Tot Ion: 76 Resp: 68375
 Ion Ratio Lower Upper
 76 100
 78 32.4 26.1 39.1

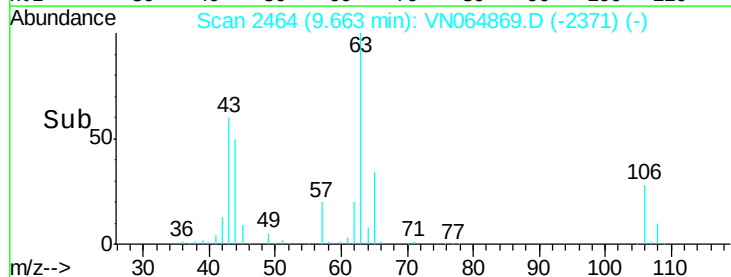
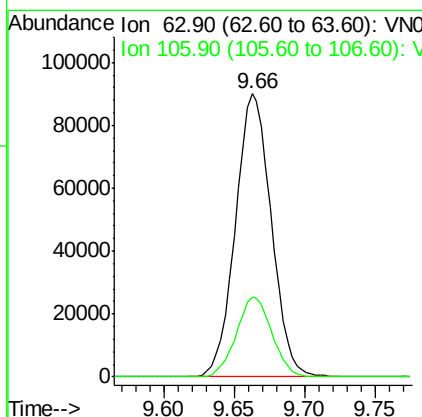
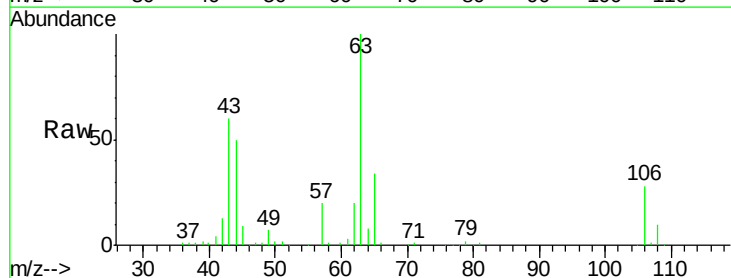
Manual Integrations
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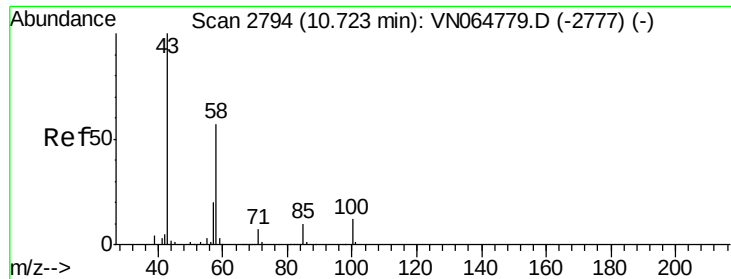
MMDadoda
 12/1/2020 9:35:09 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 91.151 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN064869.D
 Acq: 30 Nov 2020 13:44

Tgt Ion: 63 Resp: 160363
 Ion Ratio Lower Upper
 63 100
 106 28.0 22.7 34.1





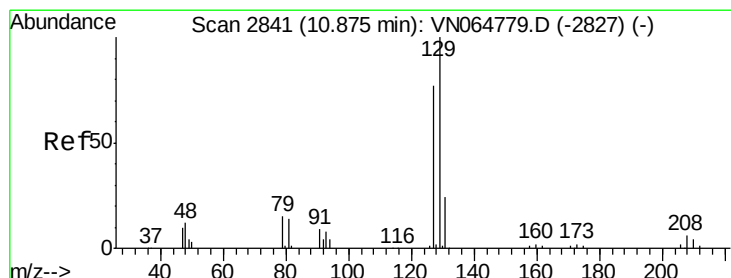
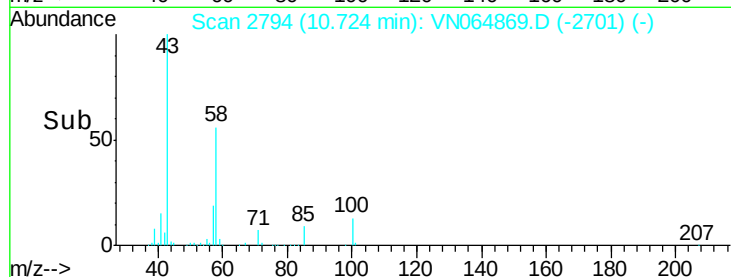
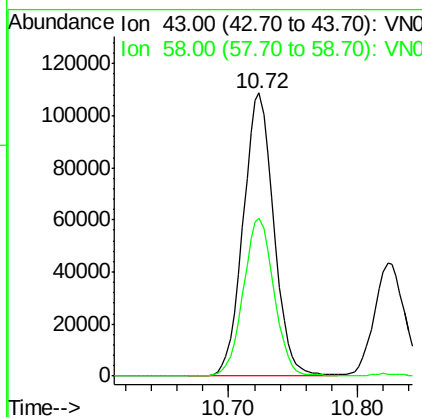
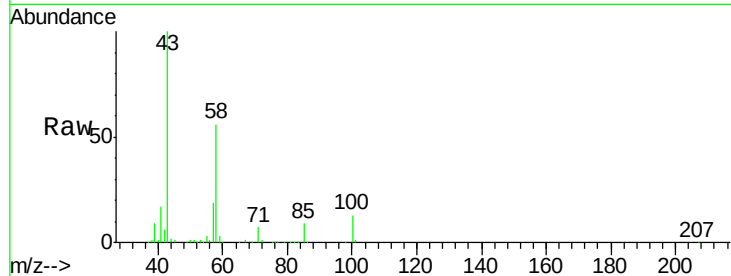
#59
2-Hexanone
Concen: 89.908 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN064869.D
Acq: 30 Nov 2020 13:44

Instrument :
MSVOA_N
ClientSampleId :
VN1130WBS01

Tot Ion: 43 Resp: 179833
Ion Ratio Lower Upper
43 100
58 55.9 28.3 84.9

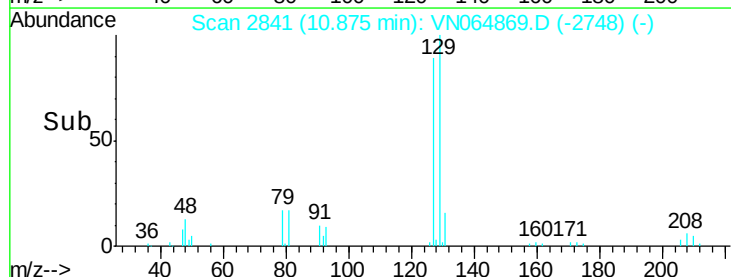
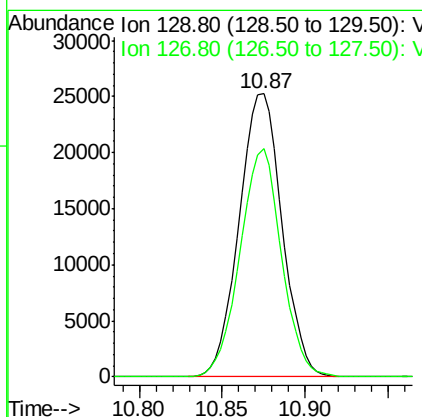
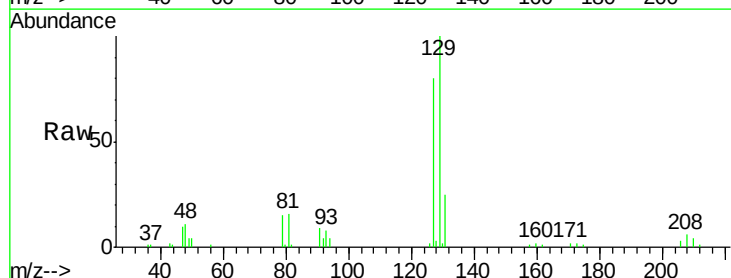
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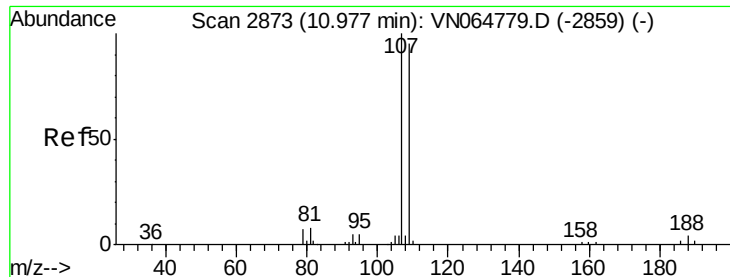
MMDadoda
12/1/2020 9:35:09 AM



#60
Dibromochloromethane
Concen: 17.651 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN064869.D
Acq: 30 Nov 2020 13:44

Tgt Ion: 129 Resp: 45474
Ion Ratio Lower Upper
129 100
127 77.8 39.1 117.2





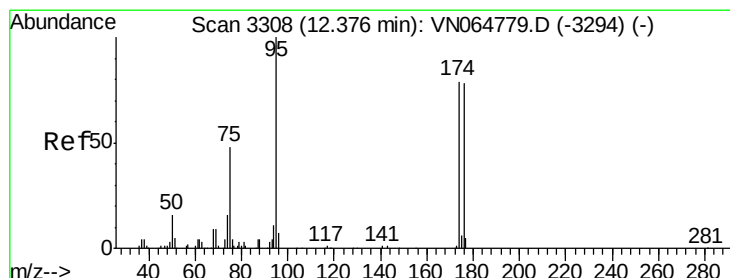
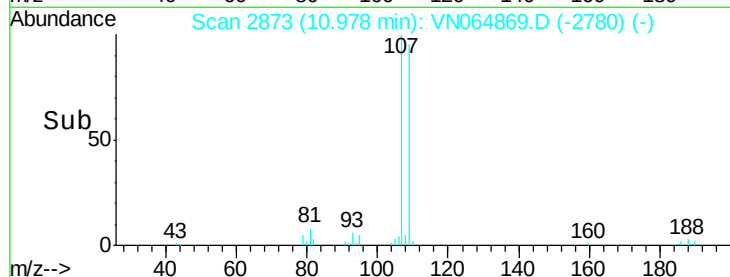
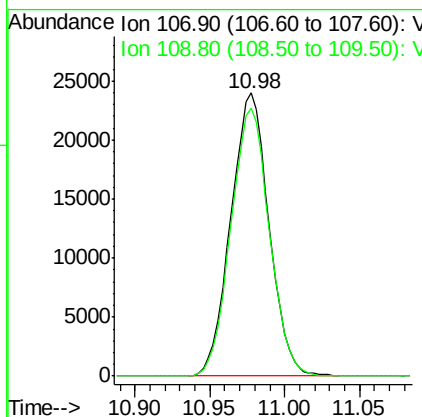
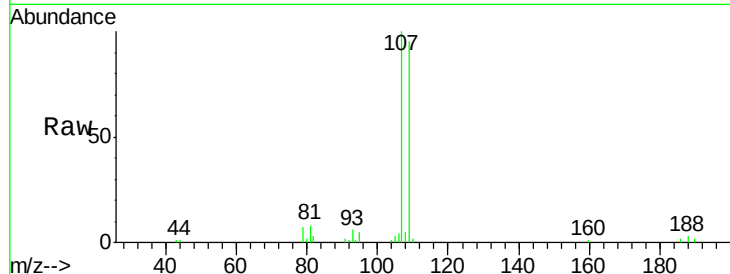
#61
 1,2-Dibromoethane
 Concen: 18.090 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN064869.D
 Acq: 30 Nov 2020 13:44

Instrument :
 MSVOA_N
 ClientSampled :
 VN1130WBS01

Tot Ion: 107 Resp: 42597
 Ion Ratio Lower Upper
 107 100
 109 95.3 76.0 114.0

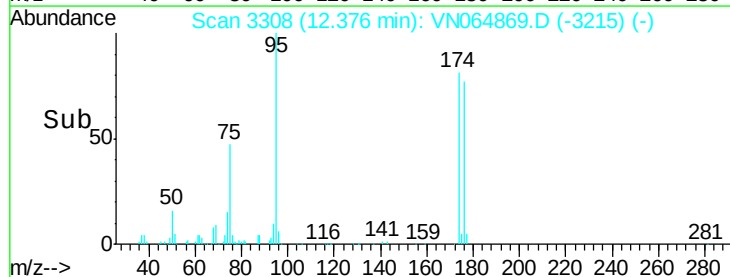
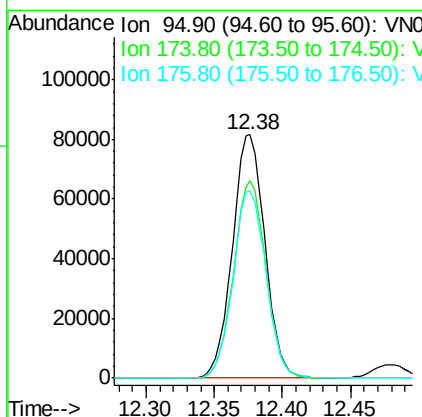
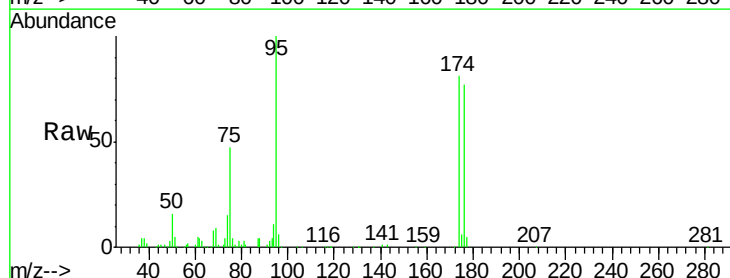
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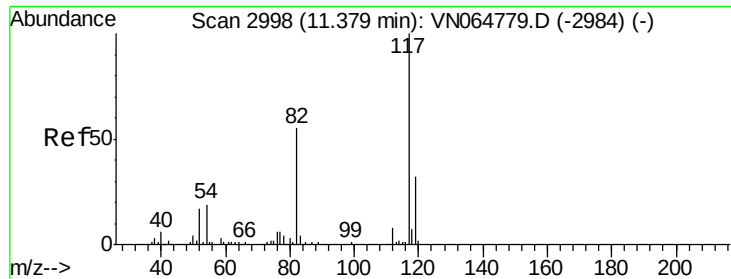
MMDadoda
 12/1/2020 9:35:09 AM



#62
 4-Bromofluorobenzene
 Concen: 47.827 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: VN064869.D
 Acq: 30 Nov 2020 13:44

Tgt Ion: 95 Resp: 134842
 Ion Ratio Lower Upper
 95 100
 174 80.7 0.0 160.4
 176 78.2 0.0 158.4





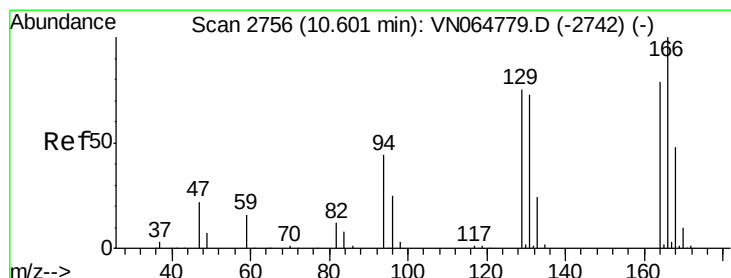
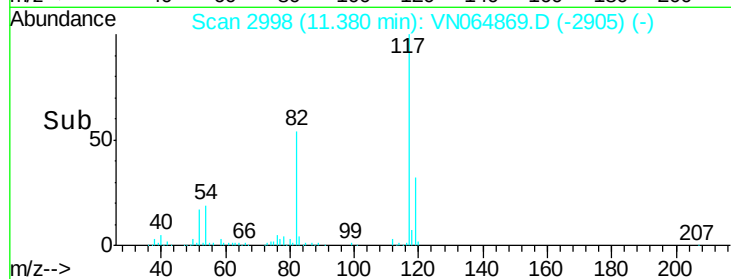
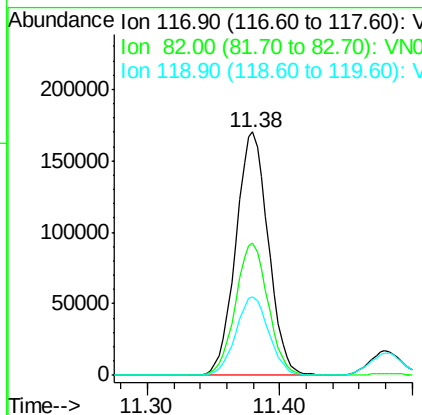
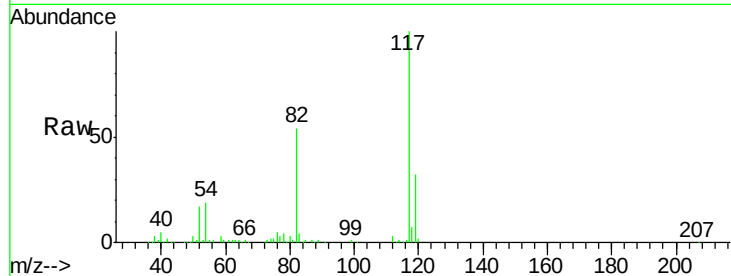
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064869.D
Acq: 30 Nov 2020 13:44

Instrument :
MSVOA_N
ClientSampleId :
VN1130WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	289223		
82	54.1		44.2	66.2
119	32.4		25.8	38.6

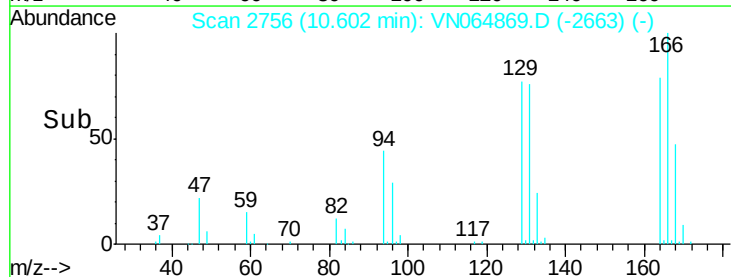
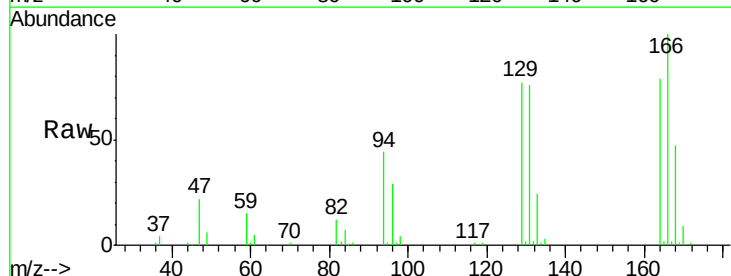
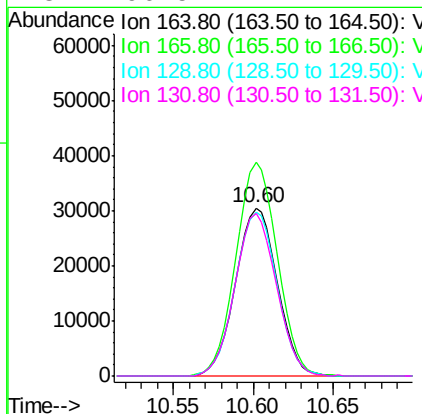
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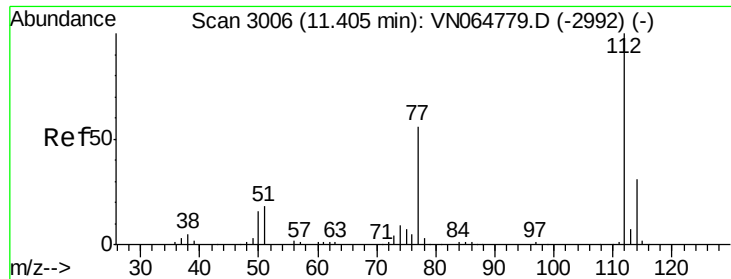
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#64
Tetrachloroethene
Concen: 19.249 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN064869.D
Acq: 30 Nov 2020 13:44

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	54164		
166	127.2		101.4	152.0
129	97.5		76.1	114.1
131	96.5		74.2	111.2





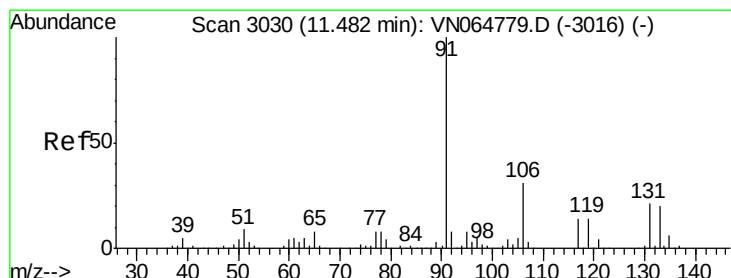
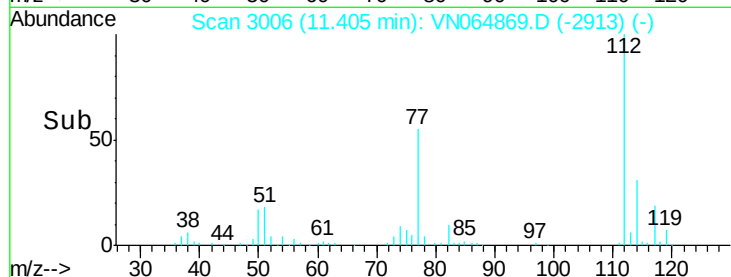
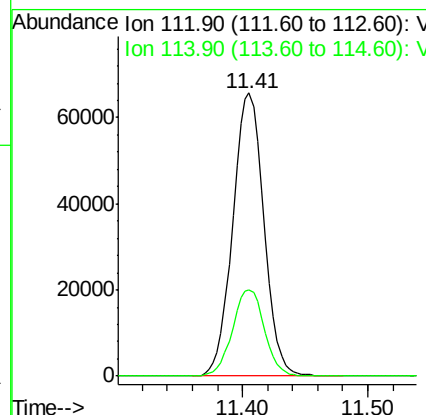
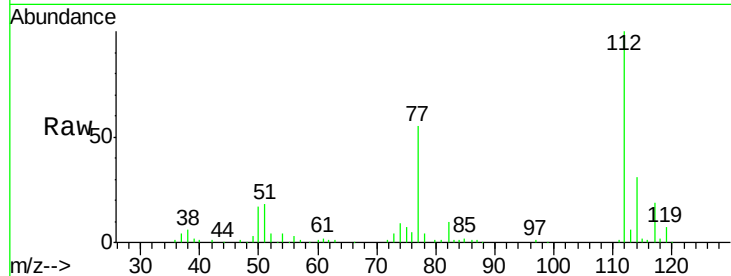
#65
Chlorobenzene
Concen: 18.206 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN064869.D
Acq: 30 Nov 2020 13:44

Instrument :
MSVOA_N
ClientSampled :
VN1130WBS01

Tot Ion:112 Resp: 113077
Ion Ratio Lower Upper
112 100
114 30.7 25.1 37.7

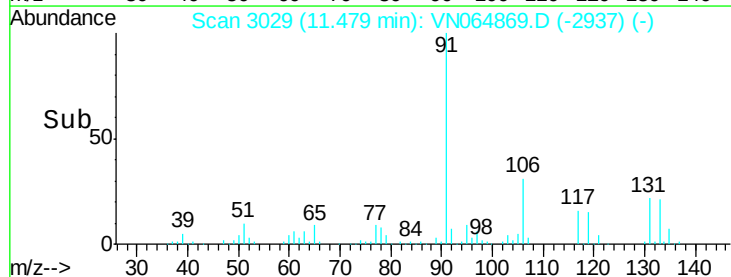
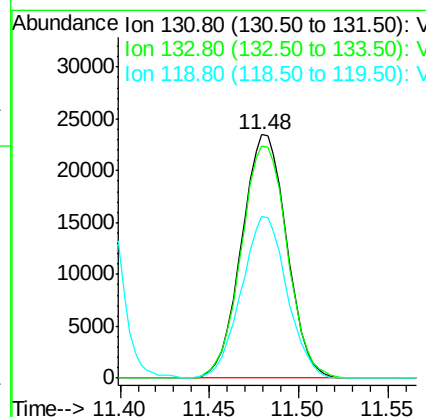
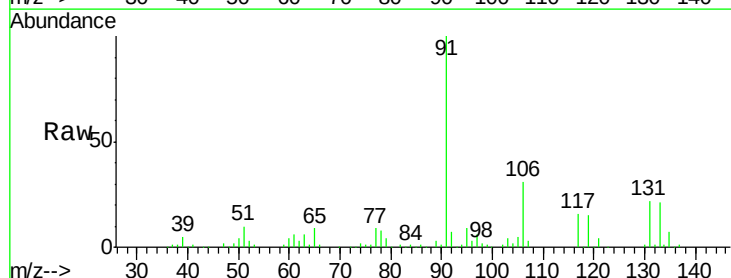
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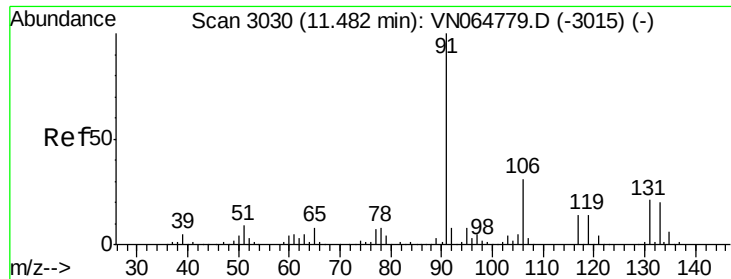
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.146 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN064869.D
Acq: 30 Nov 2020 13:44

Tgt Ion:131 Resp: 41419
Ion Ratio Lower Upper
131 100
133 97.6 47.5 142.5
119 66.8 33.3 99.8





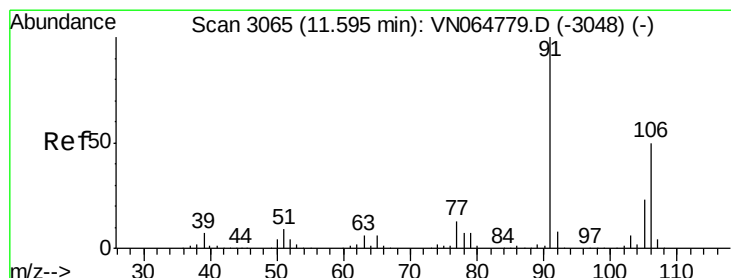
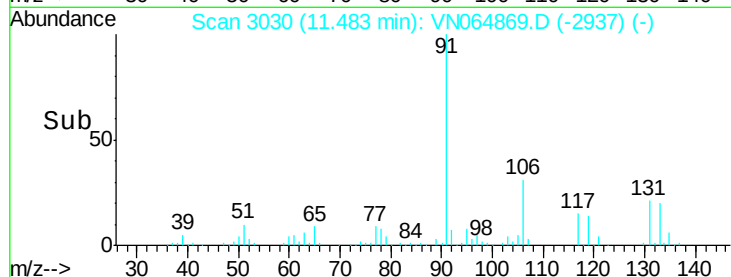
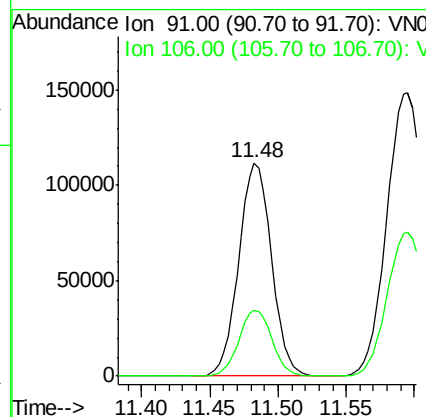
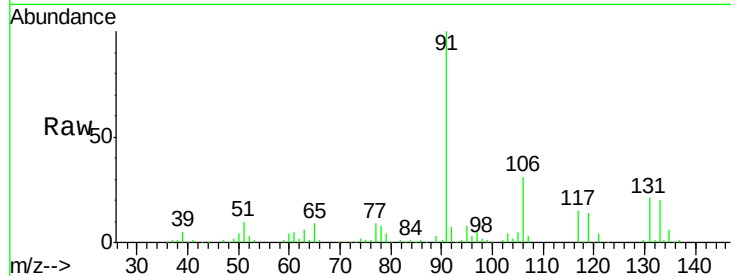
#67
Ethyl Benzene
Concen: 18.017 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064869.D
Acq: 30 Nov 2020 13:44

Instrument :
MSVOA_N
ClientSampleId :
VN1130WBS01

Tot Ion: 91 Resp: 186941
Ion Ratio Lower Upper
91 100
106 31.2 25.2 37.8

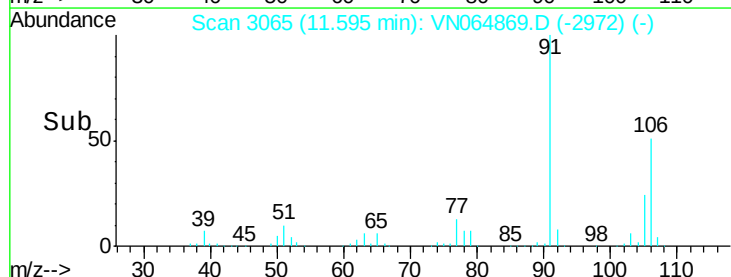
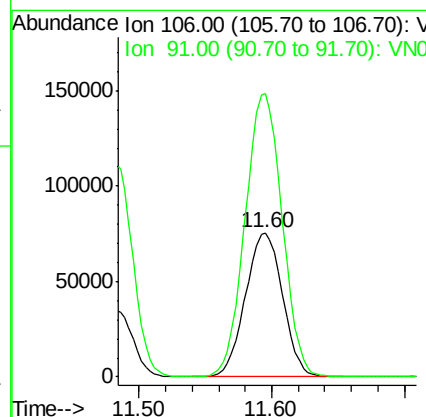
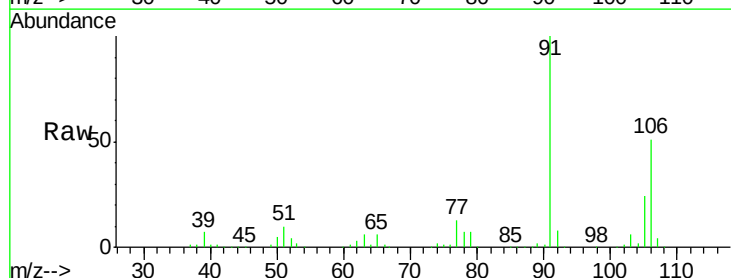
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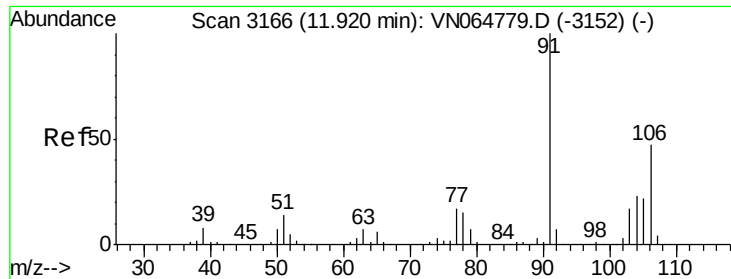
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#68
m/p-Xylenes
Concen: 37.456 ug/l
RT: 11.60 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN064869.D
Acq: 30 Nov 2020 13:44

Tgt Ion: 106 Resp: 147142
Ion Ratio Lower Upper
106 100
91 195.6 161.0 241.4





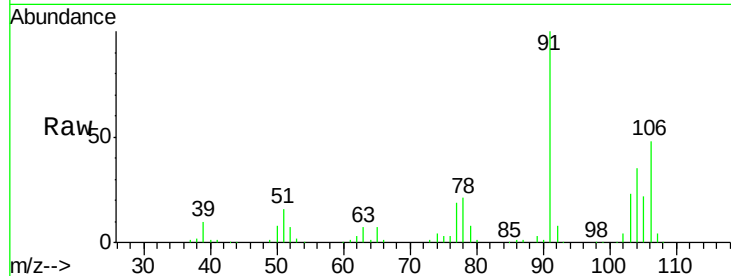
#69
o-Xylene
Concen: 18.807 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN064869.D
Acq: 30 Nov 2020 13:44

Instrument :
MSVOA_N
ClientSampled :
VN1130WBS01

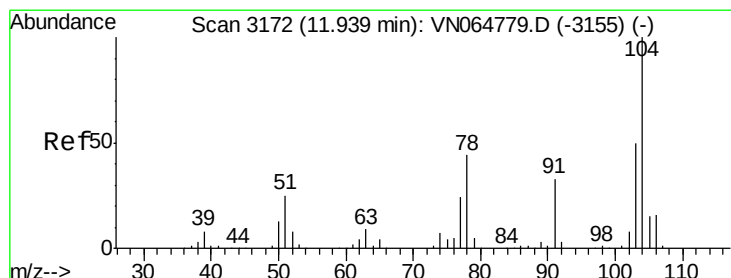
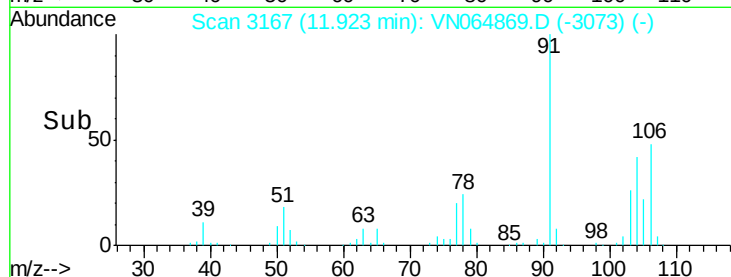
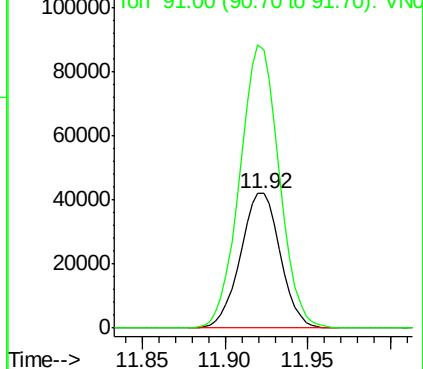
Tot Ion:106 Resp: 70110
Ion Ratio Lower Upper
106 100
91 208.4 105.5 316.5

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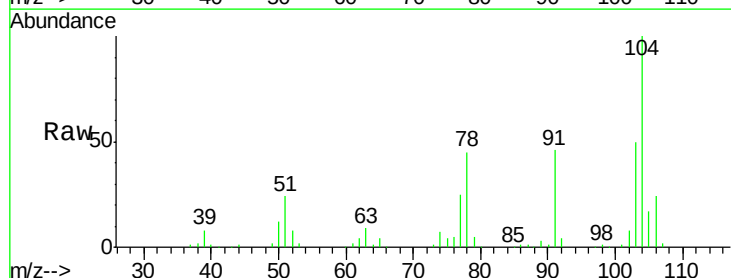


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

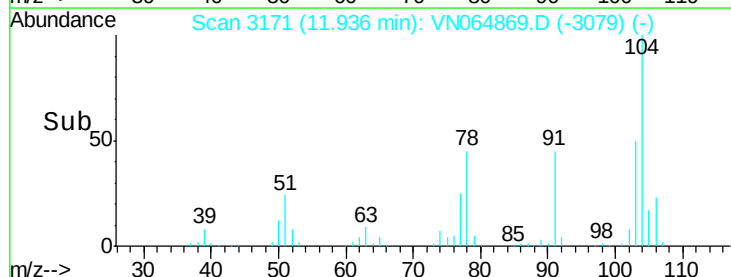
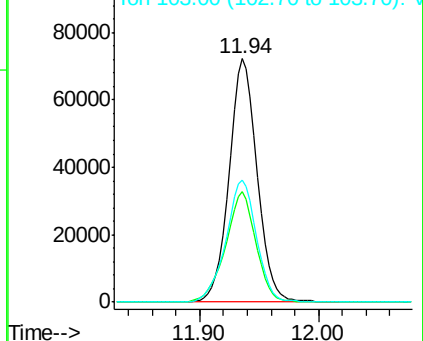


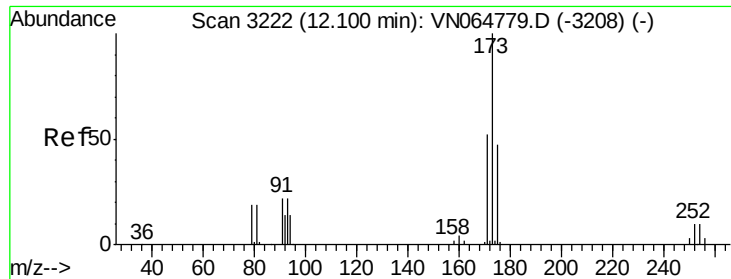
#70
Styrene
Concen: 18.694 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN064869.D
Acq: 30 Nov 2020 13:44

Tgt Ion:104 Resp: 117644
Ion Ratio Lower Upper
104 100
78 49.1 39.0 58.6
103 54.6 44.3 66.5



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V





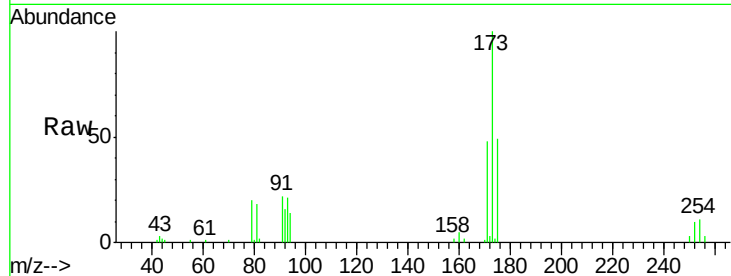
#71
Bromoform
Concen: 17.448 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN064869.D
Acq: 30 Nov 2020 13:44

Instrument :
MSVOA_N
ClientSampleId :
VN1130WBS01

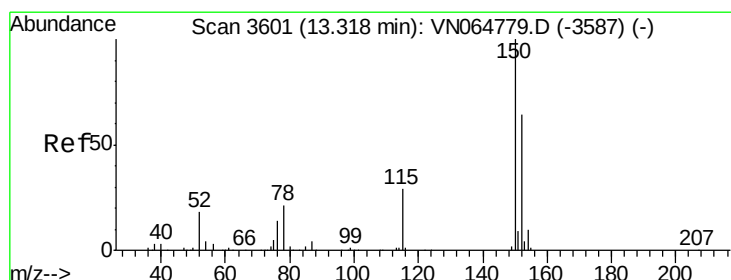
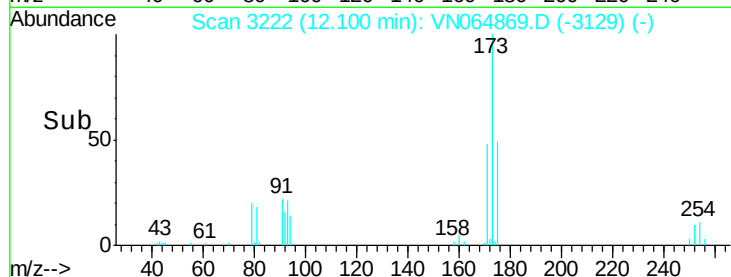
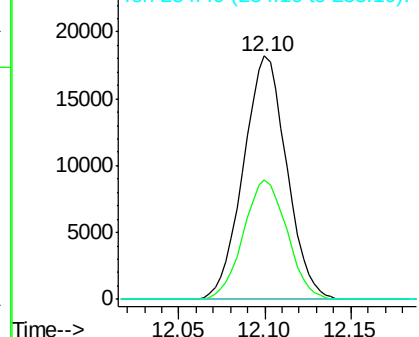
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.3	24.3	72.8
254	0.0	0.0	0.0

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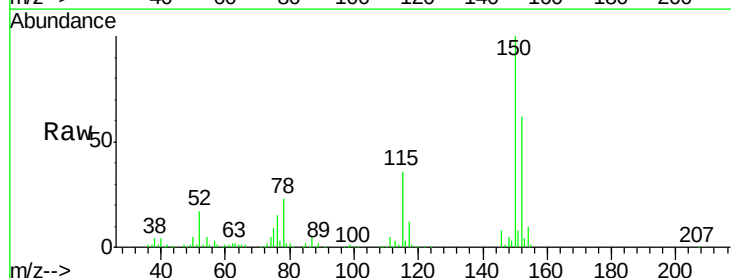


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

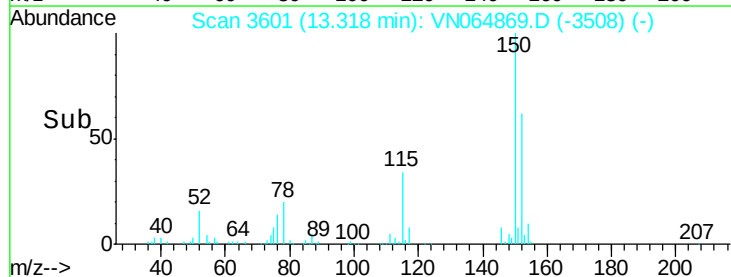
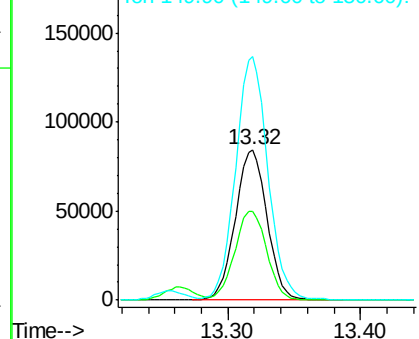


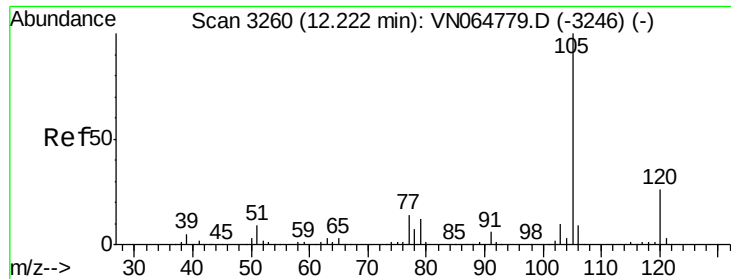
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064869.D
Acq: 30 Nov 2020 13:44

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.9	29.7	89.1
150	164.5	0.0	350.6



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: 18.820 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064869.D

Acq: 30 Nov 2020 13:44

Instrument :

MSVOA_N

ClientSampleId :

VN1130WBS01

Tot Ion: 105 Resp: 183265

Ion Ratio Lower Upper

105 100

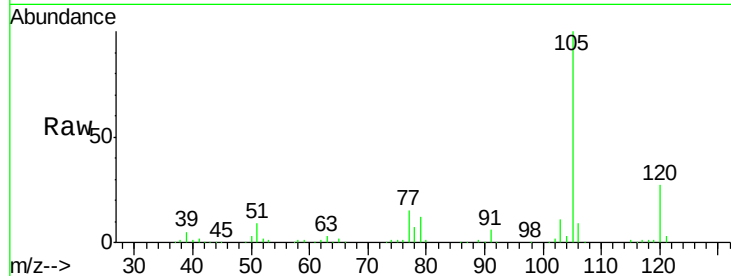
120 26.5 13.3 39.9

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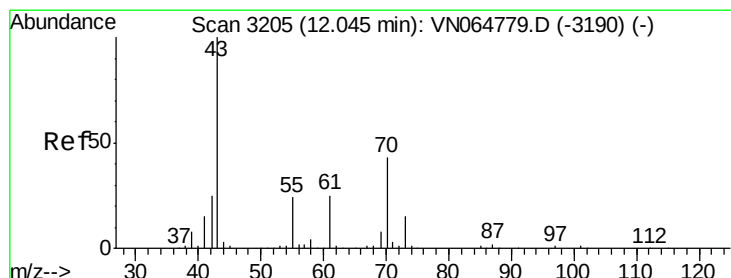
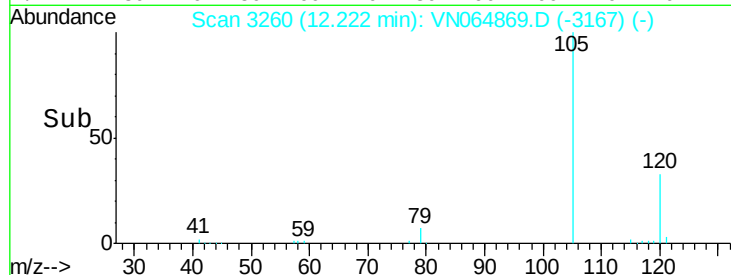
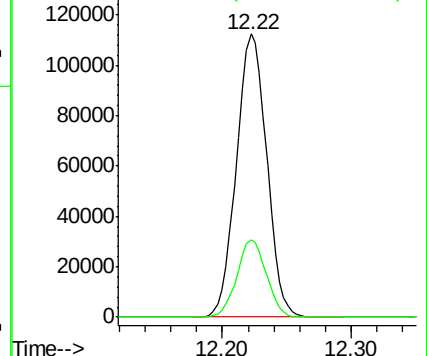
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 17.567 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VN064869.D

Acq: 30 Nov 2020 13:44

Tgt Ion: 43 Resp: 67317

Ion Ratio Lower Upper

43 100

70 44.6 34.5 51.7

55 27.1 20.4 30.6

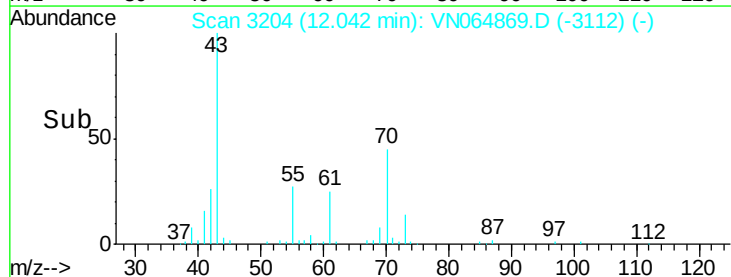
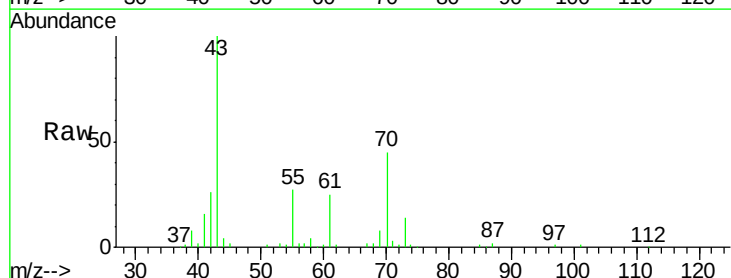
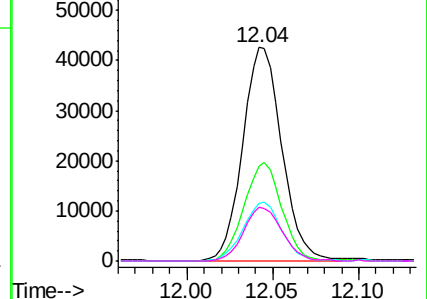
61 24.8 20.0 30.0

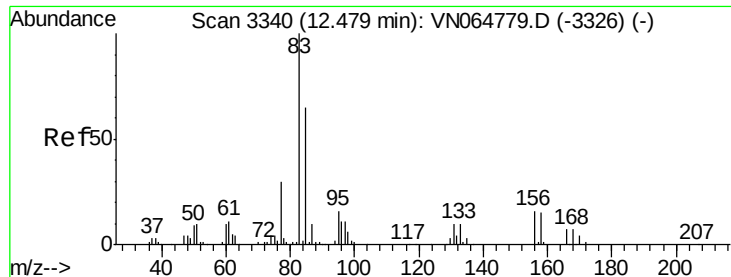
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 17.155 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN064869.D

Acq: 30 Nov 2020 13:44

Instrument :

MSVOA_N

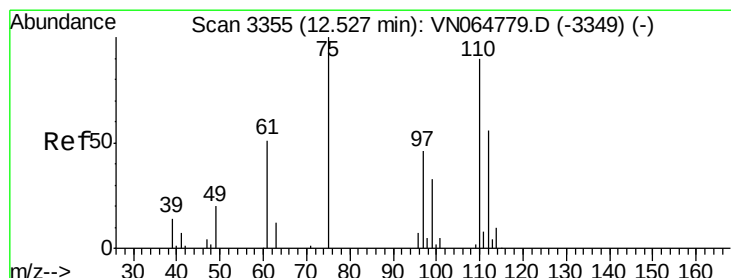
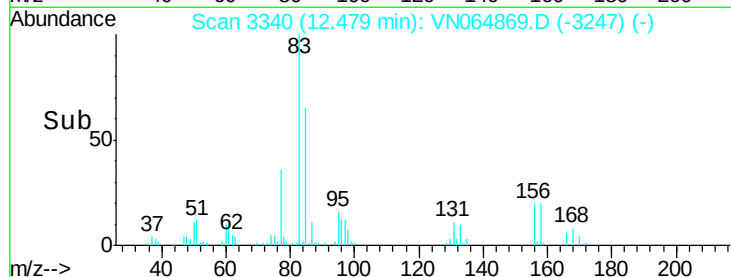
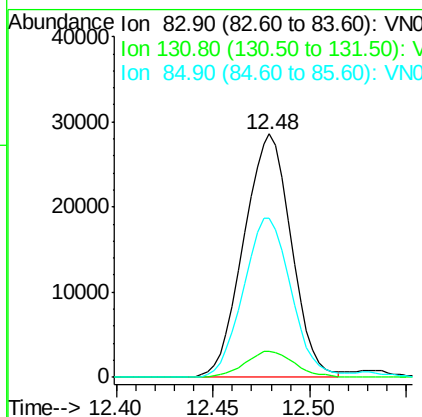
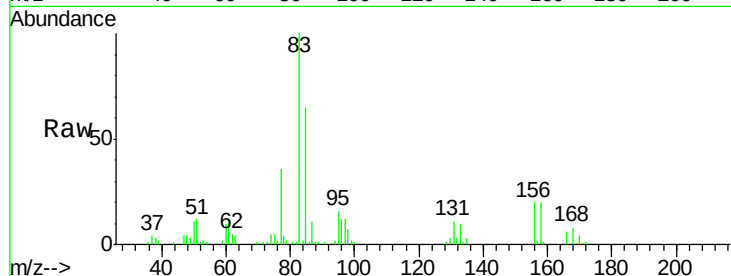
ClientSampleId :

VN1130WBS01

Tot Ion:	83	Resp:	48963
Ion Ratio	Lower	Upper	
83	100		
131	11.1	5.1	15.3
85	65.7	33.0	99.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 17.002 ug/l m

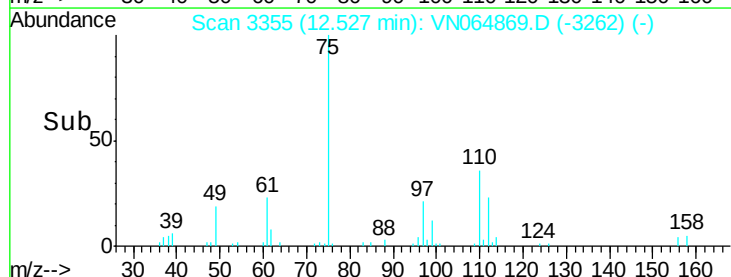
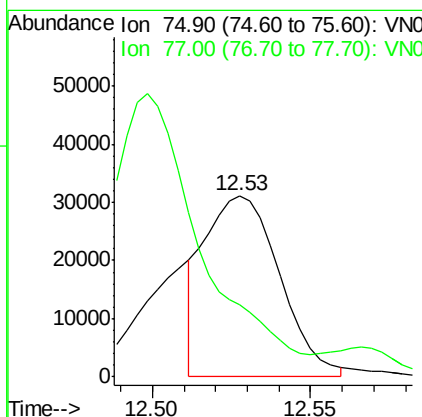
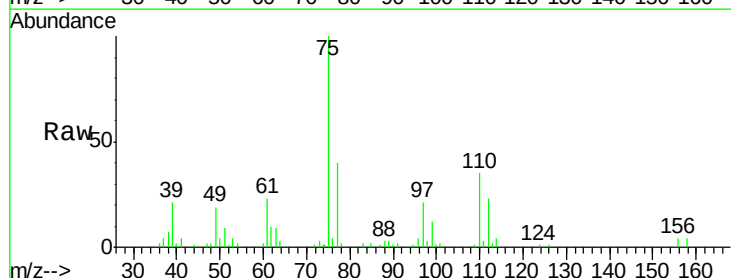
RT: 12.53 min Scan# 3355

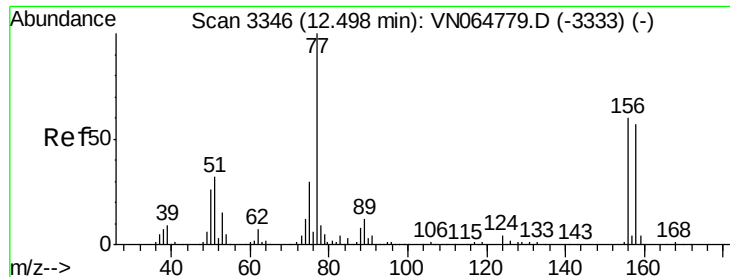
Delta R.T. 0.00 min

Lab File: VN064869.D

Acq: 30 Nov 2020 13:44

Tgt Ion:	75	Resp:	51260
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 18.260 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064869.D

Acq: 30 Nov 2020 13:44

Instrument :

MSVOA_N

ClientSampleId :

VN1130WBS01

Tot Ion:156 Resp: 47936

Ion Ratio Lower Upper

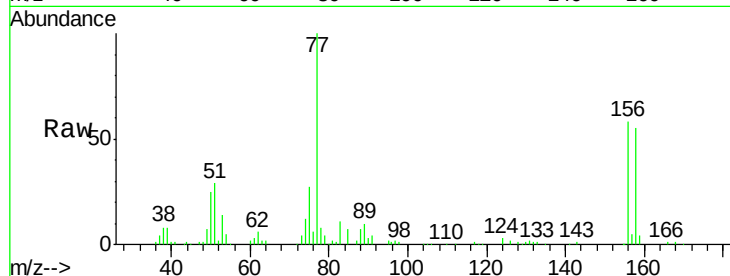
156 100

77 207.1 101.3 303.7

158 96.5 48.2 144.6

Manual Integrations
APPROVED

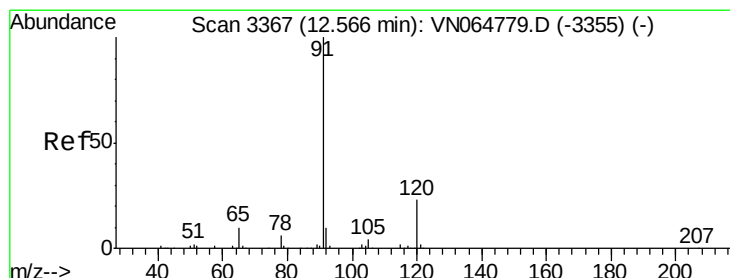
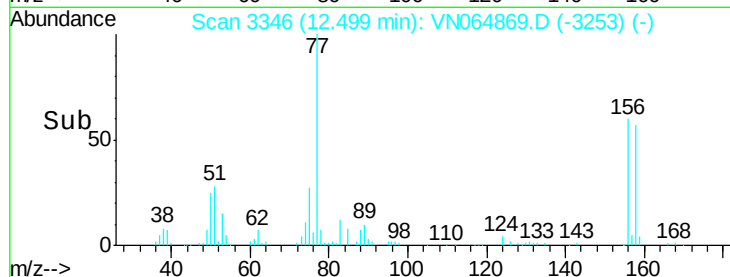
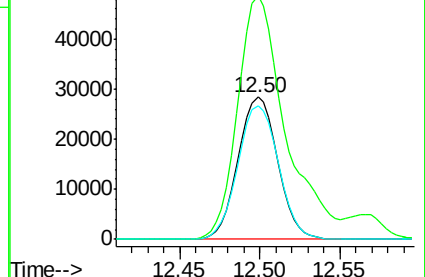
MMDadoda
12/1/2020 9:35:09 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.700 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064869.D

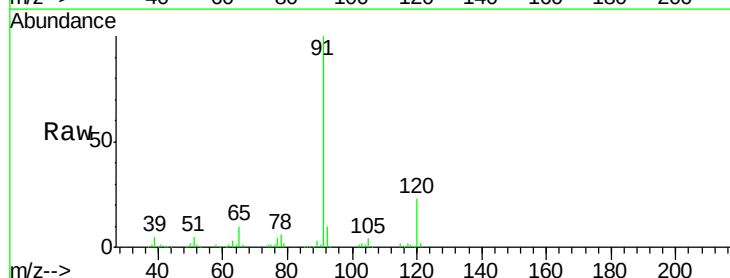
Acq: 30 Nov 2020 13:44

Tgt Ion: 91 Resp: 207438

Ion Ratio Lower Upper

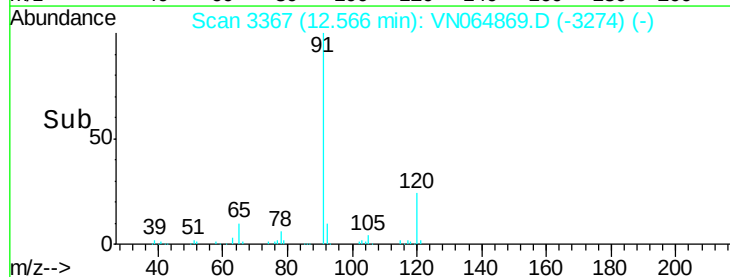
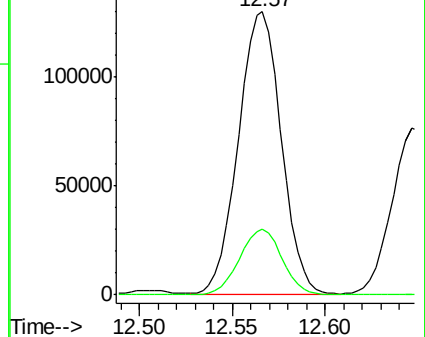
91 100

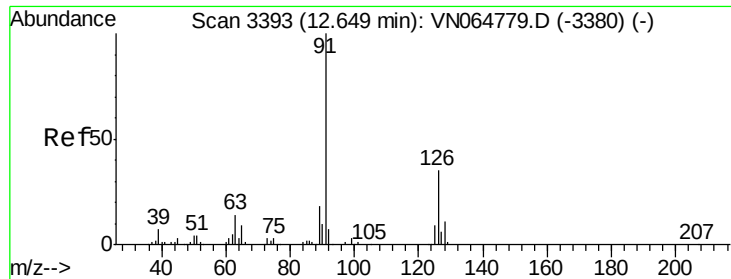
120 23.3 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





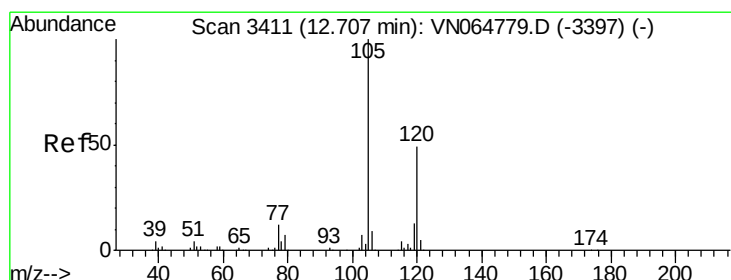
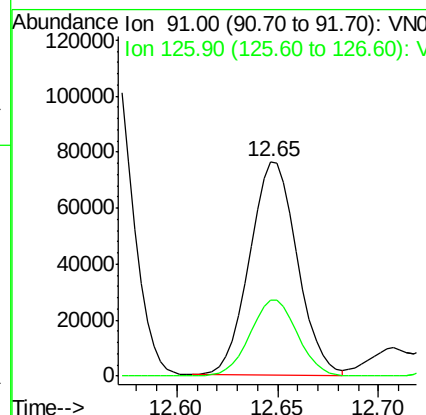
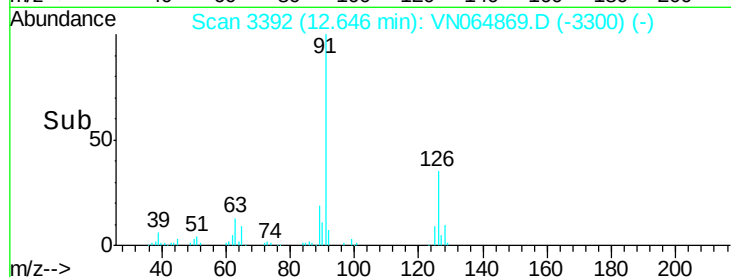
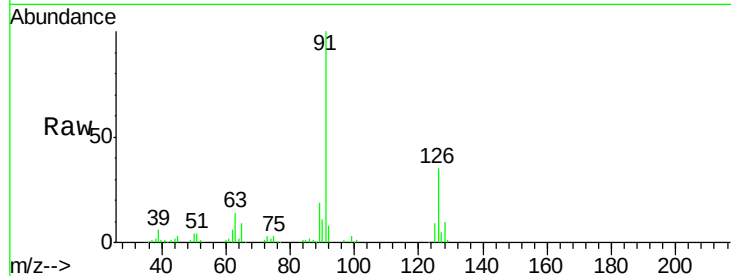
#79
 2-Chlorotoluene
 Concen: 18.368 ug/l
 RT: 12.65 min Scan# 3392
 Delta R.T. -0.00 min
 Lab File: VN064869.D
 Acq: 30 Nov 2020 13:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1130WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
126	35.6	17.2	51.6

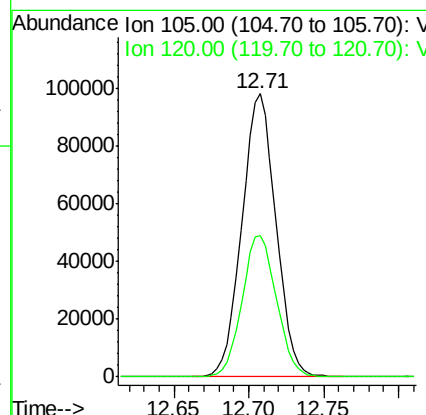
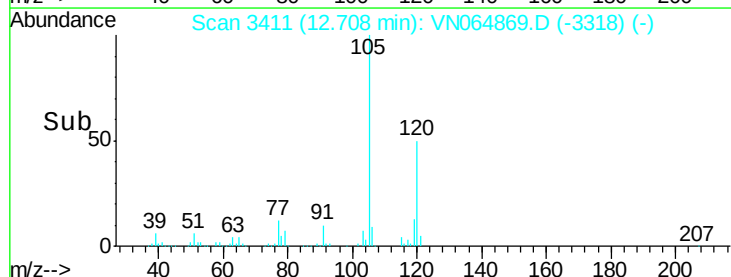
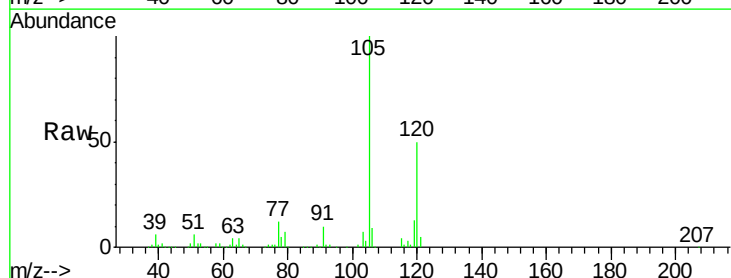
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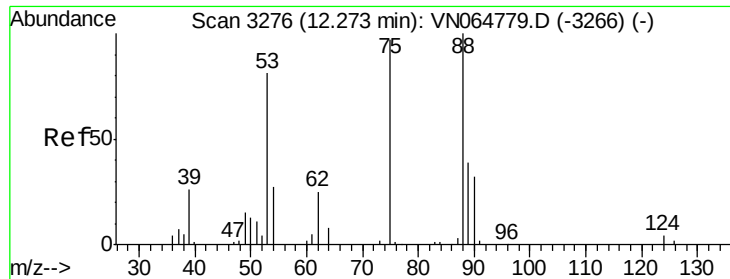
MMDadoda
 12/1/2020 9:35:09 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 19.241 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN064869.D
 Acq: 30 Nov 2020 13:44

Tgt Ion	Ratio	Lower	Upper
105	100		
120	50.3	24.6	73.6





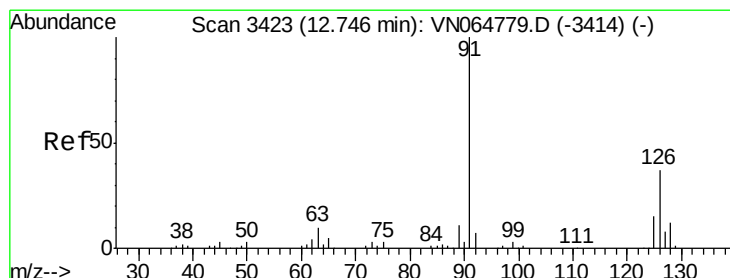
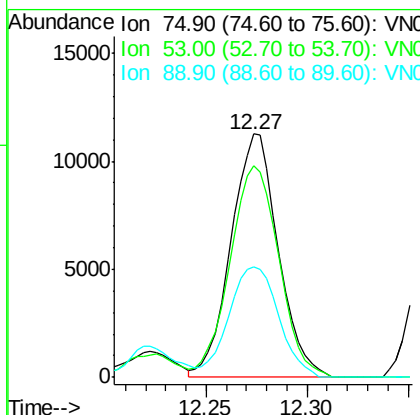
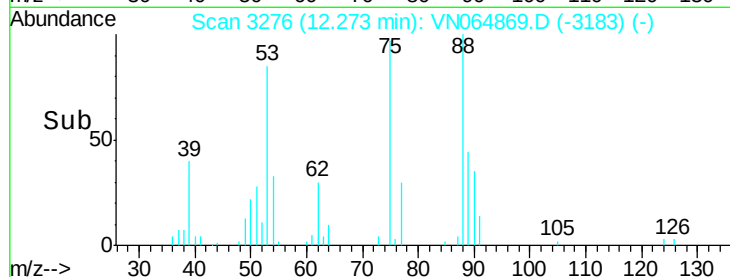
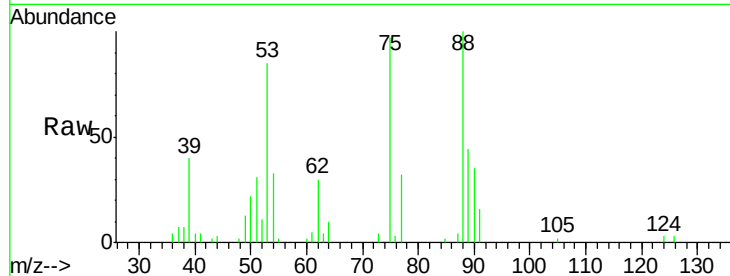
#81
trans-1,4-Dichloro-2-butene
Concen: 16.778 ug/l
RT: 12.27 min Scan# 3276
Delta R.T. 0.00 min
Lab File: VN064869.D
Acq: 30 Nov 2020 13:44

Instrument :
MSVOA_N
ClientSampleId :
VN1130WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	90.5	67.0	100.4
89	48.1	39.6	59.4

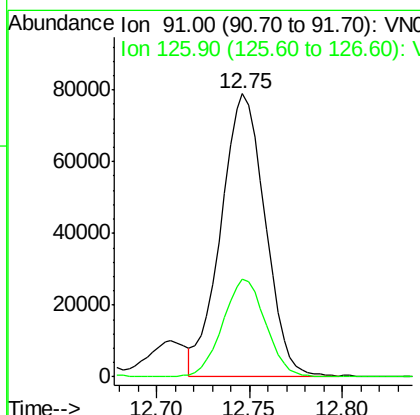
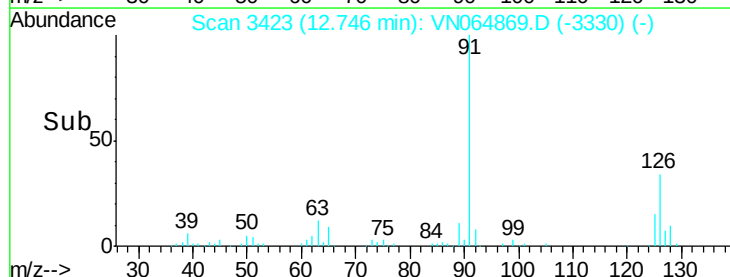
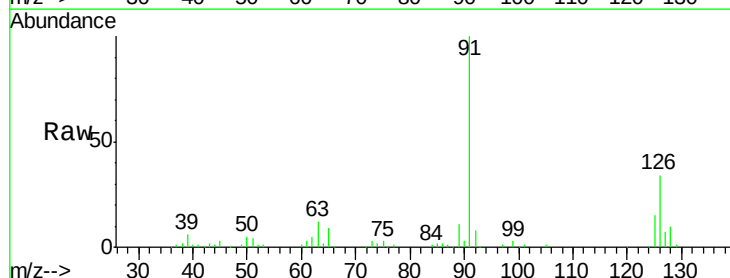
Manual Integrations
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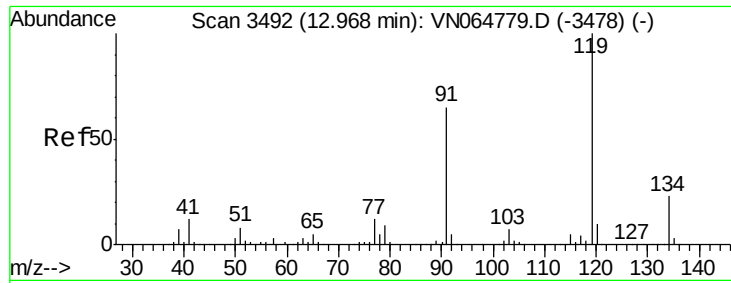
MMDadoda
12/1/2020 9:35:09 AM



#82
4-Chlorotoluene
Concen: 18.068 ug/l
RT: 12.75 min Scan# 3423
Delta R.T. 0.00 min
Lab File: VN064869.D
Acq: 30 Nov 2020 13:44

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.8	16.9	50.7





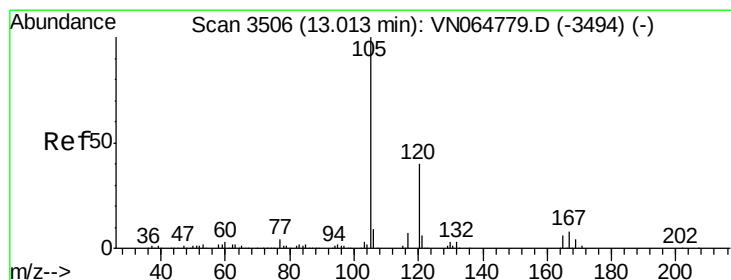
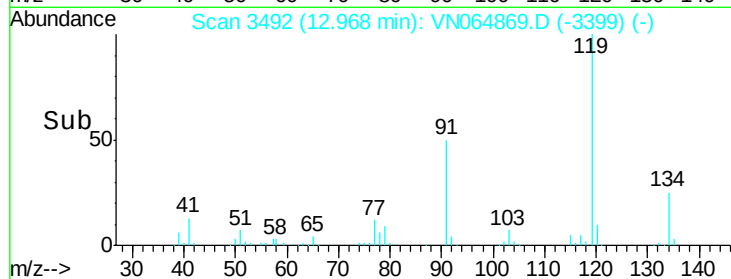
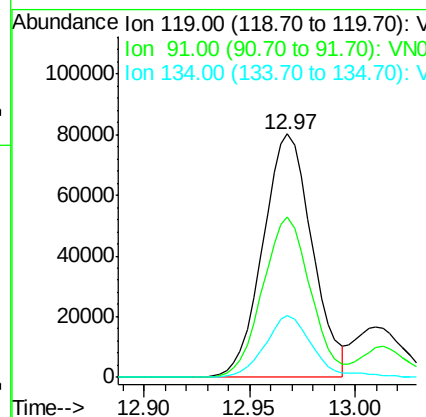
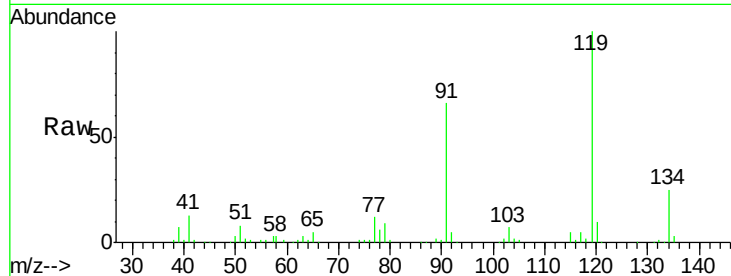
#83
 tert-Butylbenzene
 Concen: 19.236 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: VN064869.D
 Acq: 30 Nov 2020 13:44

Instrument :
 MSVOA_N
 ClientSampled :
 VN1130WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	130499		
91	64.4	32.3	96.8	
134	24.7	12.6	37.6	

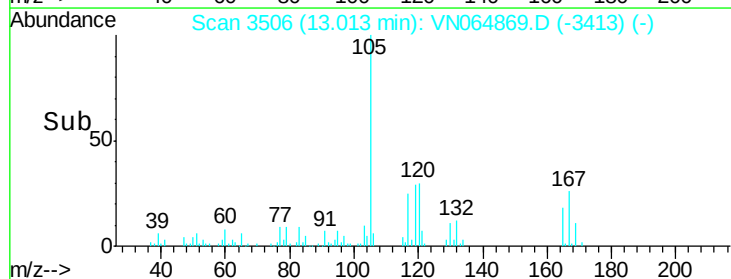
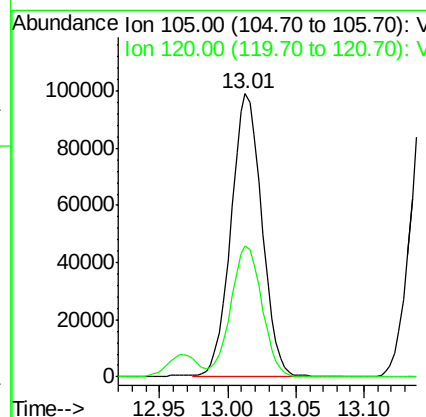
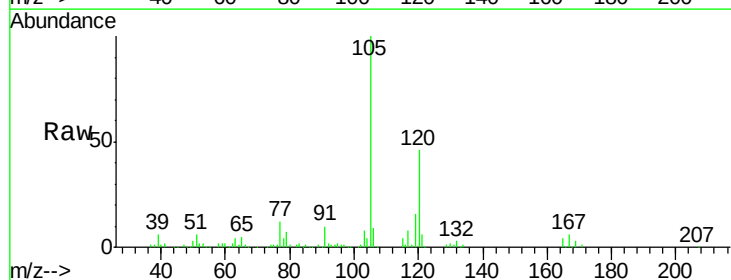
Manual Integrations
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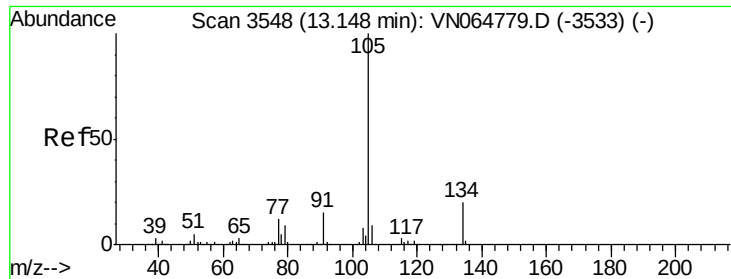
MMDadoda
 12/1/2020 9:35:09 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 18.936 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN064869.D
 Acq: 30 Nov 2020 13:44

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	154964		
120	47.0	23.1	69.2	





#85

sec-Butylbenzene

Concen: 19.383 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN064869.D

Acq: 30 Nov 2020 13:44

Instrument :

MSVOA_N

ClientSampleId :

VN1130WBS01

Tot Ion:105 Resp: 174597

Ion Ratio Lower Upper

105 100

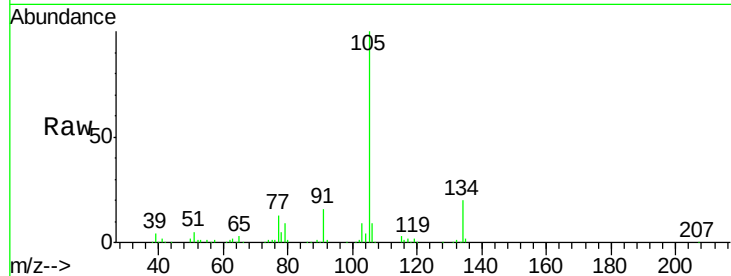
134 19.8 10.1 30.1

Manual Integrations

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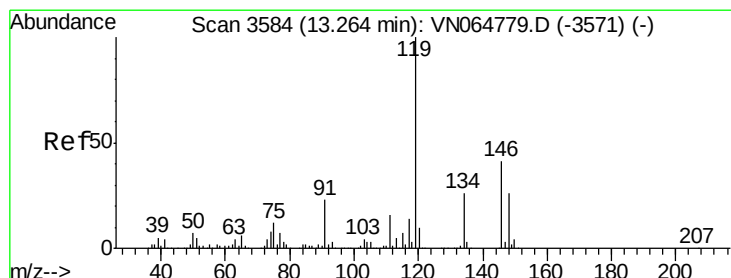
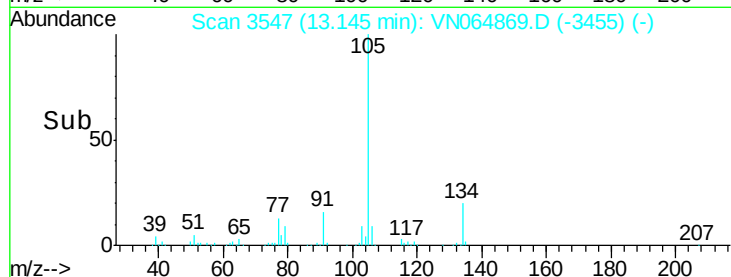
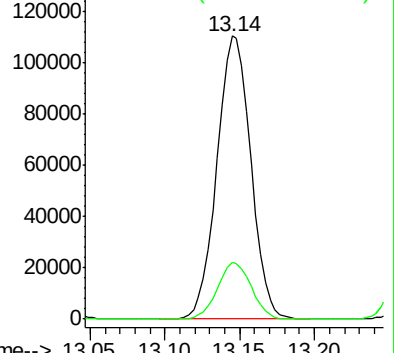
MMDadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.585 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN064869.D

Acq: 30 Nov 2020 13:44

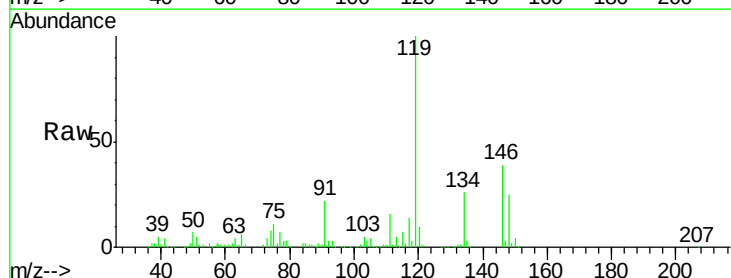
Tgt Ion:119 Resp: 160615

Ion Ratio Lower Upper

119 100

134 25.6 13.1 39.1

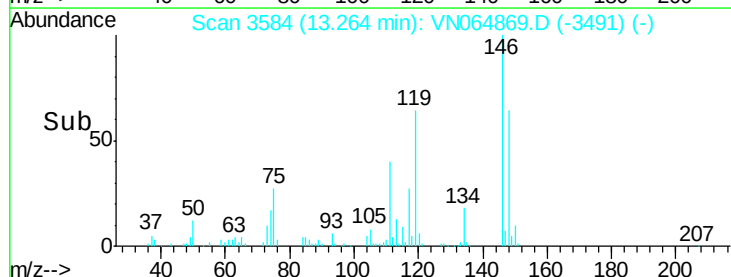
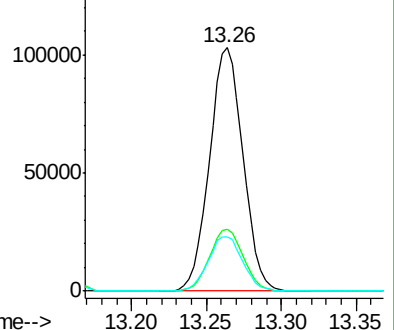
91 23.1 11.5 34.5

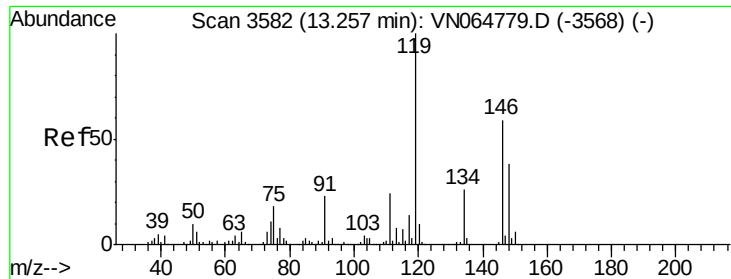


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





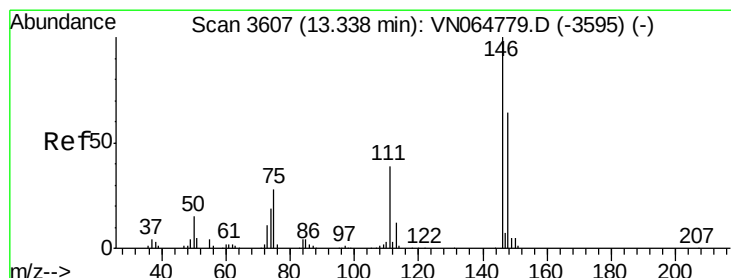
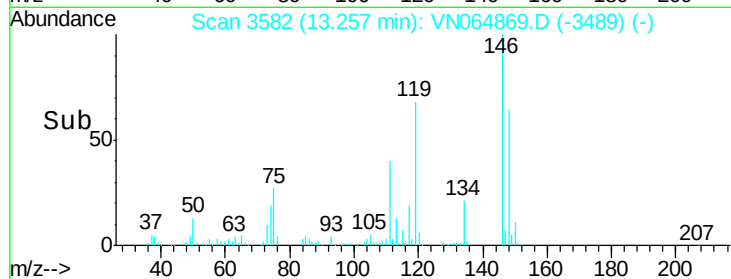
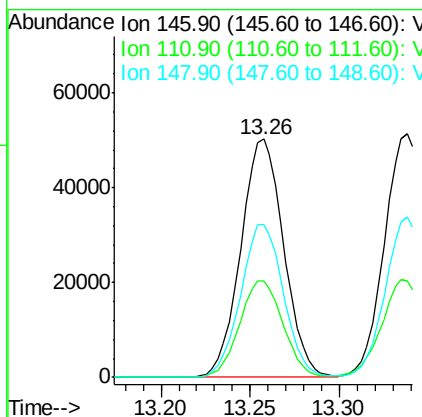
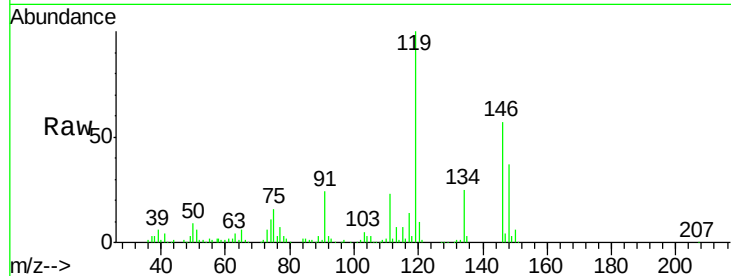
#87
 1,3-Dichlorobenzene
 Concen: 18.079 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064869.D
 Acq: 30 Nov 2020 13:44

Instrument :
 MSVOA_N
 ClientSampled :
 VN1130WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.6	61.9
148	64.0	31.9	95.5

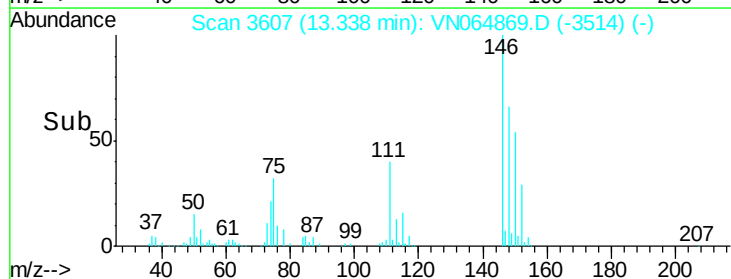
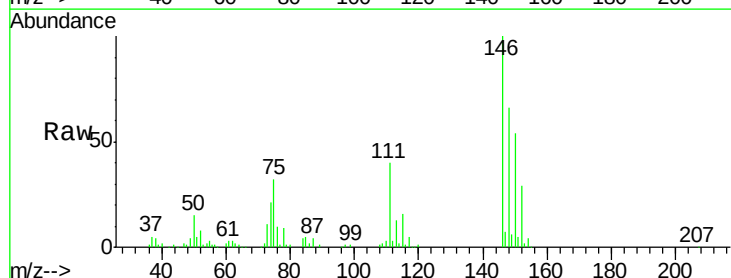
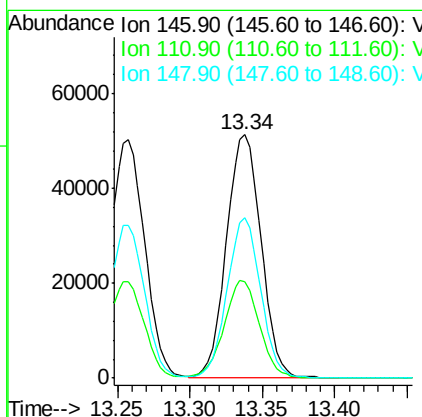
Manual Integrations
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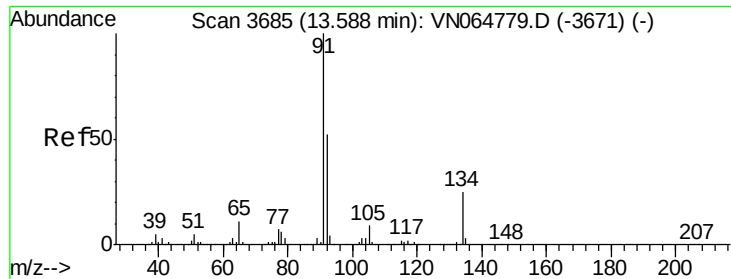
MMDadoda
 12/1/2020 9:35:09 AM



#88
 1,4-Dichlorobenzene
 Concen: 17.302 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN064869.D
 Acq: 30 Nov 2020 13:44

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.2	19.8	59.3
148	64.0	31.9	95.5





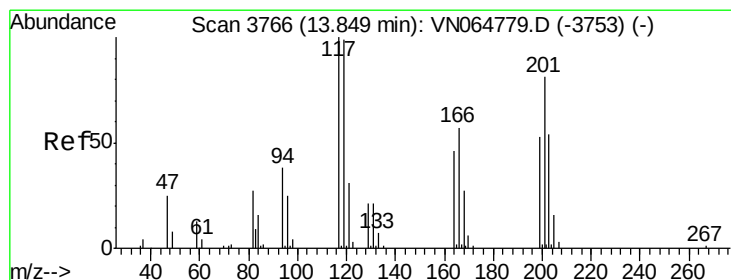
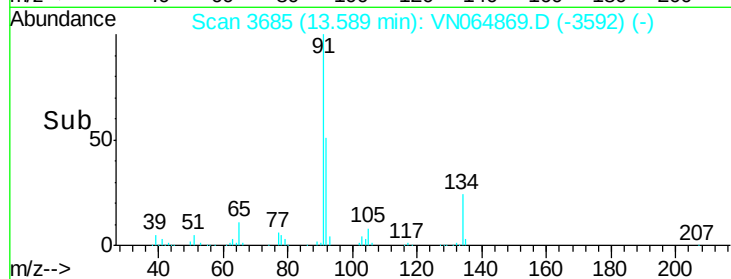
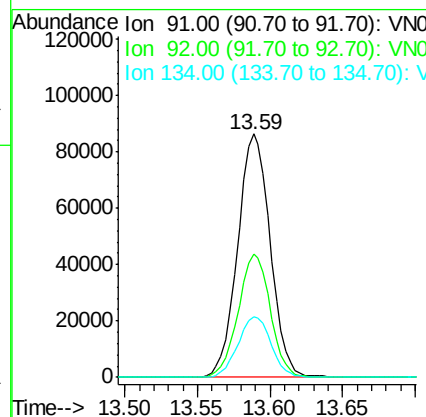
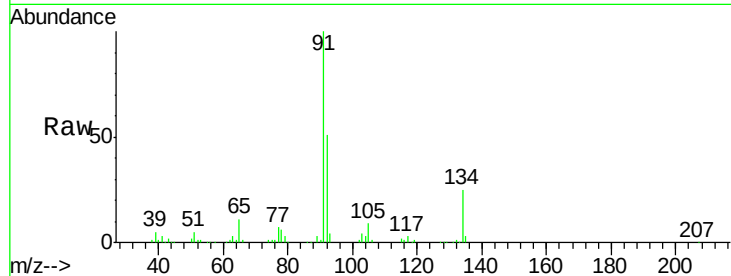
#89
n-Butylbenzene
Concen: 18.675 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN064869.D
Acq: 30 Nov 2020 13:44

Instrument :
MSVOA_N
ClientSampleId :
VN1130WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	49.9	26.0	78.0
134	25.2	12.9	38.6

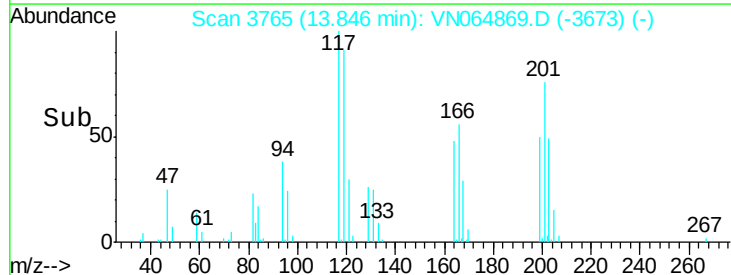
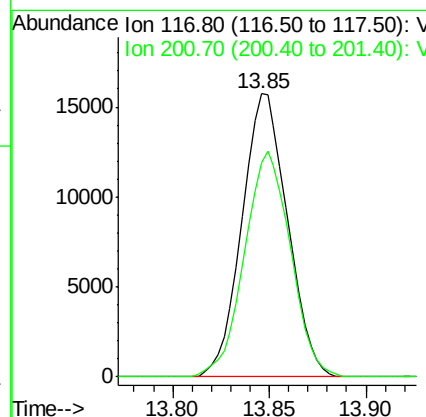
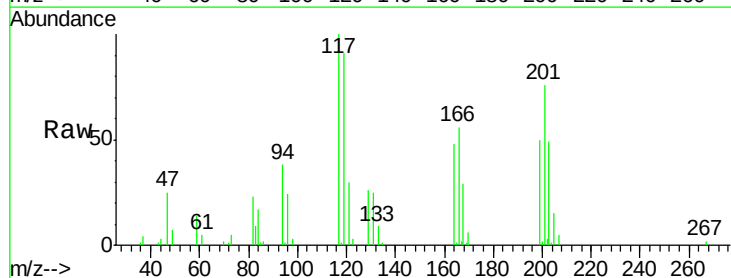
Manual Integrations
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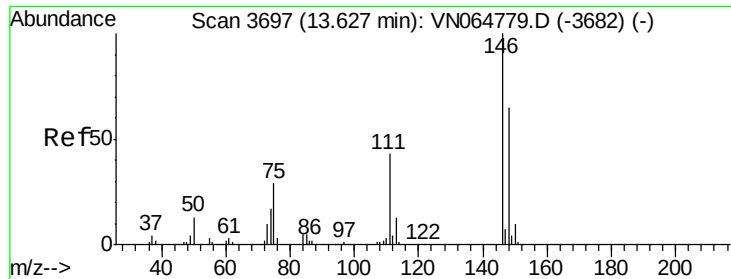
MMDadoda
12/1/2020 9:35:09 AM



#90
Hexachloroethane
Concen: 18.101 ug/l
RT: 13.85 min Scan# 3765
Delta R.T. -0.00 min
Lab File: VN064869.D
Acq: 30 Nov 2020 13:44

Tgt Ion	Ratio	Lower	Upper
117	100		
201	80.6	40.1	120.3





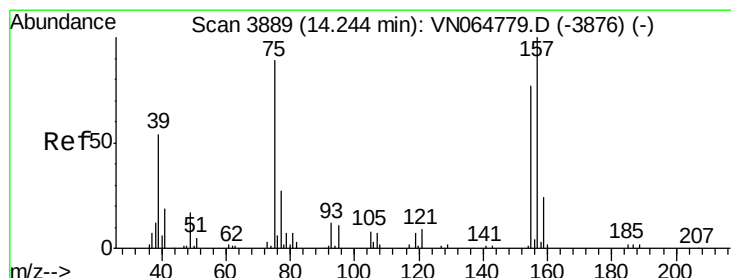
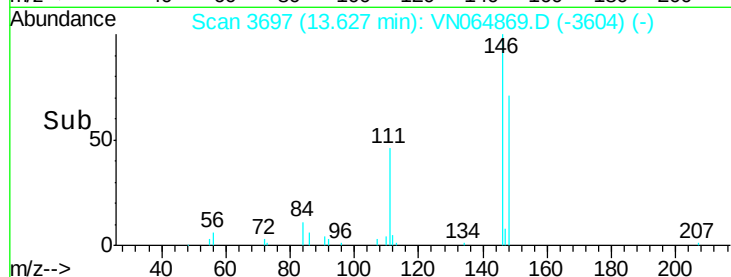
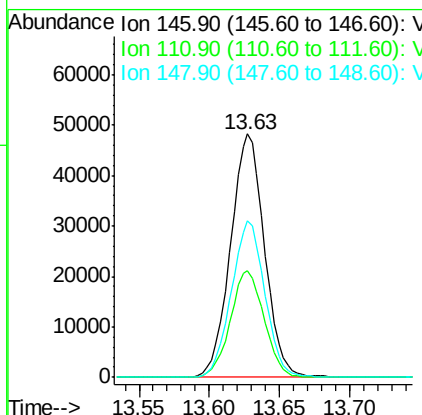
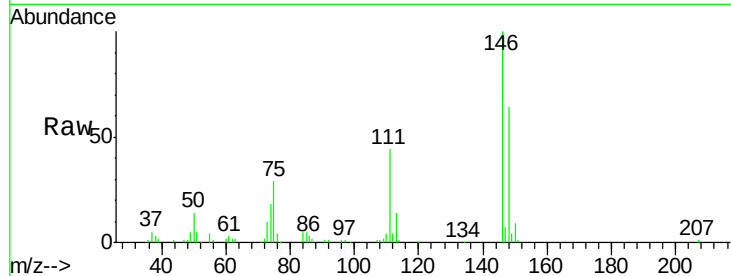
#91
 1,2-Dichlorobenzene
 Concen: 17.688 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064869.D
 Acq: 30 Nov 2020 13:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1130WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.7	21.1	63.1
148	63.5	32.0	96.2

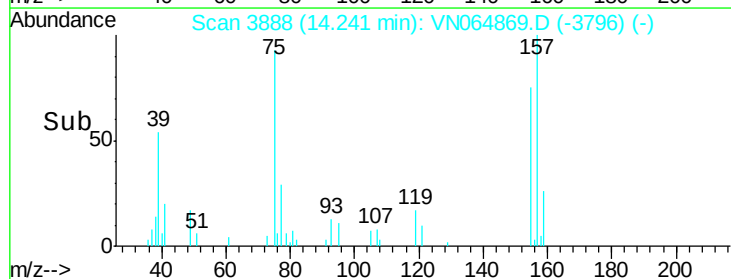
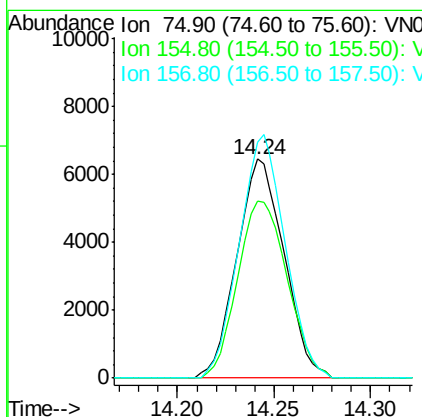
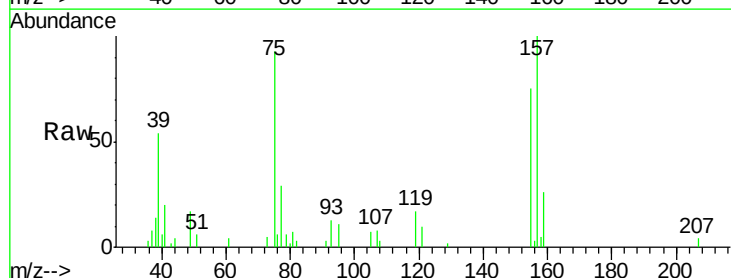
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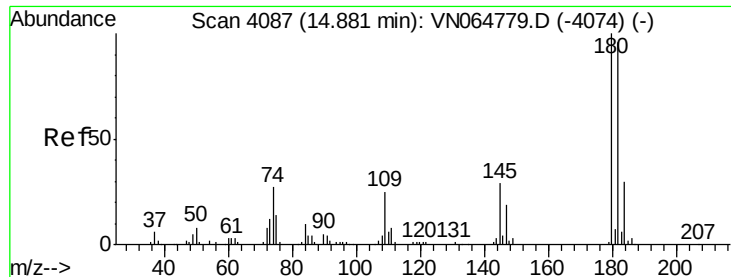
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.057 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN064869.D
 Acq: 30 Nov 2020 13:44

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.0	42.8	128.3
157	108.0	56.4	169.1





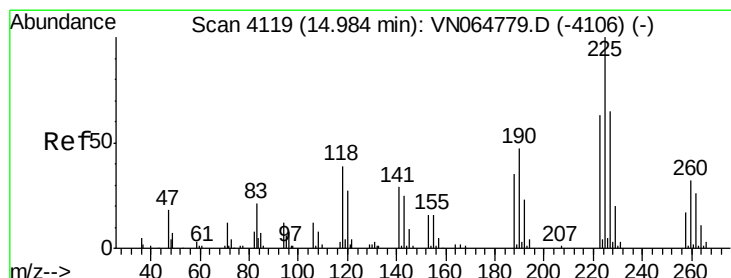
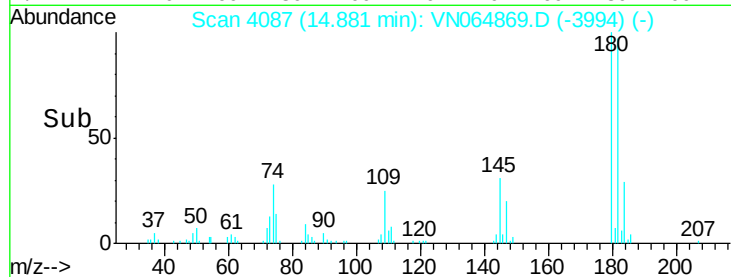
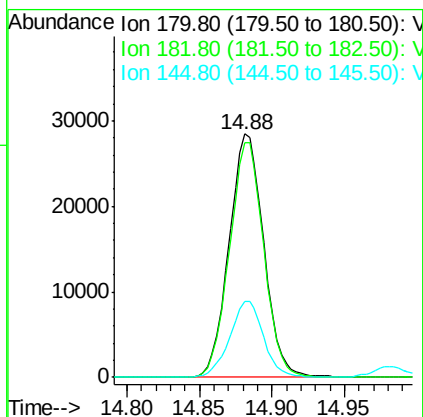
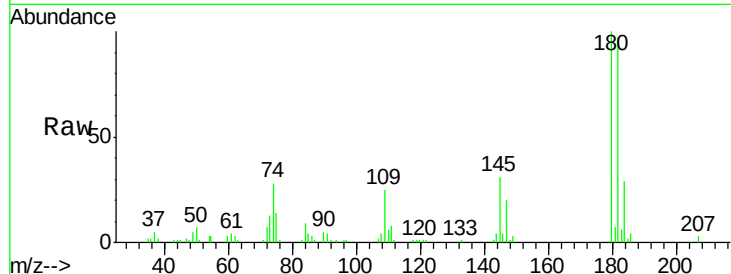
#93
 1,2,4-Trichlorobenzene
 Concen: 16.619 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064869.D
 Acq: 30 Nov 2020 13:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1130WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.6	142.9
145	30.5	15.3	45.8

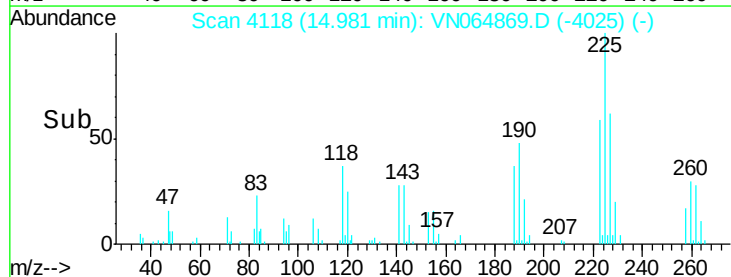
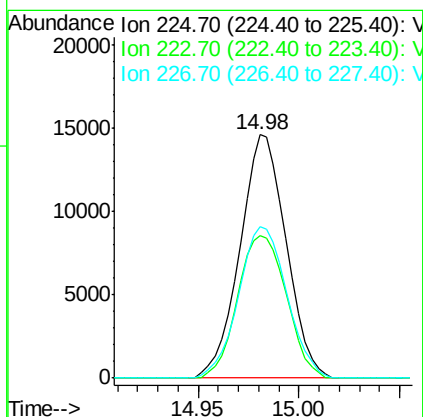
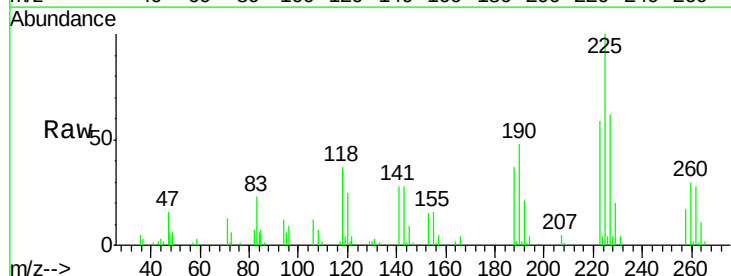
Manual Integrations
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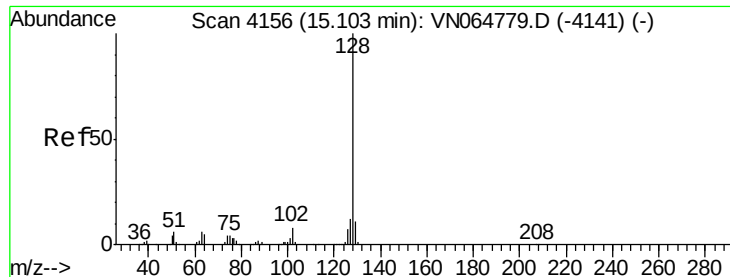
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 12/1/2020 9:35:09 AM



#94
 Hexachlorobutadiene
 Concen: 18.635 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN064869.D
 Acq: 30 Nov 2020 13:44

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.6	31.0	93.0
227	65.0	32.0	96.0





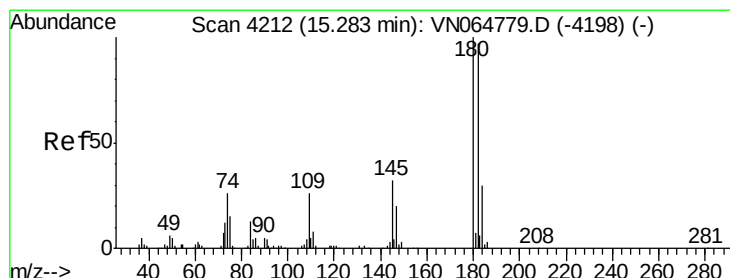
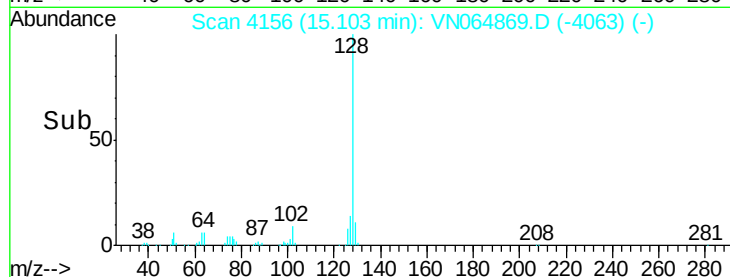
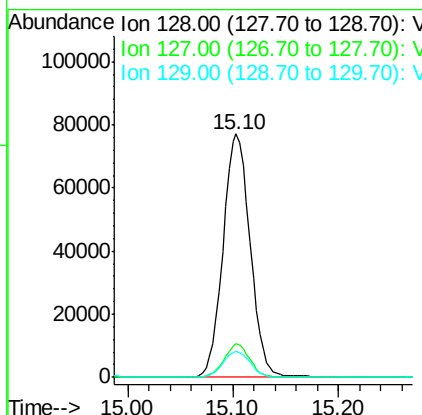
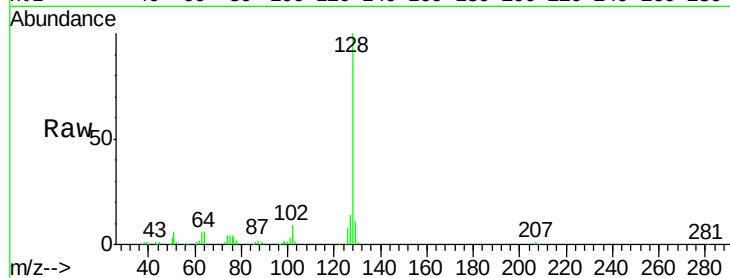
#95
Naphthalene
Concen: 16.162 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN064869.D
Acq: 30 Nov 2020 13:44

Instrument :
MSVOA_N
ClientSampleId :
VN1130WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	10.7	8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 17.857 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN064869.D
Acq: 30 Nov 2020 13:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.5	48.1	144.4
145	32.5	16.4	49.1

