

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN113020\
 Data File : VN064870.D
 Acq On : 30 Nov 2020 14:12
 Operator : JC/MD
 Sample : VN1130WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1130WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Dec 01 02:22:34 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	7.62	168	195869	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	308979	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	281704	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	136620	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	113185	49.71	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.42%
35) Dibromofluoromethane	7.55	113	94705	51.22	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.44%
50) Toluene-d8	10.06	98	362331	47.96	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.92%
62) 4-Bromofluorobenzene	12.38	95	129005	47.72	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	95.44%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.84	85	28025	16.509	ug/l	98
3) Chloromethane	2.04	50	35738	16.201	ug/l	97
4) Vinyl Chloride	2.16	62	37780	16.427	ug/l	96
5) Bromomethane	2.53	94	25215	16.711	ug/l	94
6) Chloroethane	2.67	64	23450	16.485	ug/l	92
7) Trichlorofluoromethane	2.99	101	54266	17.069	ug/l	94
8) Diethyl Ether	3.37	74	22274	17.750	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.71	101	34530	18.106	ug/l	99
10) Methyl Iodide	3.90	142	38922	15.734	ug/l	97
11) Tert butyl alcohol	4.75	59	31694	89.249	ug/l #	93
12) 1,1-Dichloroethene	3.69	96	32928	17.336	ug/l	97
13) Acrolein	3.57	56	18549	85.513	ug/l	99
14) Allyl chloride	4.27	41	55079	17.582	ug/l	97
15) Acrylonitrile	4.94	53	92856	94.652	ug/l	99
16) Acetone	3.78	43	71140	95.037	ug/l	92
17) Carbon Disulfide	4.01	76	82898	16.907	ug/l	100
18) Methyl Acetate	4.28	43	42674	18.961	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	113414	18.618	ug/l	99
20) Methylene Chloride	4.50	84	39869	16.997	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	36375	17.246	ug/l	97
22) Diisopropyl ether	5.91	45	118755	18.939	ug/l	97
23) Vinyl Acetate	5.85	43	465125	92.762	ug/l	100
24) 1,1-Dichloroethane	5.79	63	68634	18.315	ug/l	98
25) 2-Butanone	6.79	43	116212	95.771	ug/l	98
26) 2,2-Dichloropropane	6.78	77	55181	16.978	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	42567	17.935	ug/l	99
28) Bromochloromethane	7.15	49	32419	18.911	ug/l	99
29) Tetrahydrofuran	7.17	42	77344	92.337	ug/l	99
30) Chloroform	7.33	83	70526	18.250	ug/l	100
31) Cyclohexane	7.61	56	54346	17.124	ug/l	96
32) 1,1,1-Trichloroethane	7.52	97	57712	17.388	ug/l	99
36) 1,1-Dichloropropene	7.75	75	48906	17.077	ug/l	99
37) Ethyl Acetate	6.88	43	49522	17.951	ug/l	97
38) Carbon Tetrachloride	7.73	117	51809	17.386	ug/l	99

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MMDadoda
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	54963	17.828	ug/l	98
40) Benzene	8.00	78	155926	17.767	ug/l	99
41) Methacrylonitrile	7.13	41	23550	18.501	ug/l	89
42) 1,2-Dichloroethane	8.09	62	52884	17.863	ug/l	99
43) Isopropyl Acetate	8.13	43	79086	17.816	ug/l	99
44) Trichloroethene	8.80	130	46295	17.879	ug/l	99
45) 1,2-Dichloropropane	9.08	63	42583	18.737	ug/l	99
46) Dibromomethane	9.17	93	27871	18.356	ug/l	98
47) Bromodichloromethane	9.37	83	55133	18.046	ug/l	98
48) Methyl methacrylate	9.17	41	38518	18.159	ug/l	100
49) 1,4-Dioxane	9.17	88	14250	355.444	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	247071	92.709	ug/l	100
52) Toluene	10.12	92	96629	17.879	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	59992	17.631	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	64536	17.694	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	40234	18.103	ug/l	98
56) Ethyl methacrylate	10.40	69	55719	18.168	ug/l	100
57) 1,3-Dichloropropane	10.68	76	66570	18.158	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	157997	93.655	ug/l	99
59) 2-Hexanone	10.72	43	177695	92.647	ug/l	100
60) Dibromochloromethane	10.87	129	43663	17.674	ug/l	100
61) 1,2-Dibromoethane	10.98	107	42436	18.794	ug/l	99
64) Tetrachloroethene	10.60	164	52387	19.114	ug/l	97
65) Chlorobenzene	11.41	112	106240	17.562	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	39425	17.733	ug/l	98
67) Ethyl Benzene	11.48	91	179377	17.749	ug/l	98
68) m/p-Xylenes	11.59	106	139385	36.429	ug/l	98
69) o-Xylene	11.92	106	64961	17.891	ug/l	96
70) Styrene	11.94	104	112310	18.323	ug/l	98
71) Bromoform	12.10	173	30806	17.349	ug/l #	98
73) Isopropylbenzene	12.22	105	175607	18.479	ug/l	99
74) N-amyl acetate	12.04	43	65933	17.630	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	47887	17.193	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	54300m	18.455	ug/l	
77) Bromobenzene	12.50	156	46041	17.971	ug/l	100
78) n-propylbenzene	12.57	91	198753	18.359	ug/l	100
79) 2-Chlorotoluene	12.65	91	122468	18.301	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	151145	19.135	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	17704	16.492	ug/l	91
82) 4-Chlorotoluene	12.75	91	129651	18.484	ug/l	99
83) tert-Butylbenzene	12.97	119	123049	18.586	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	150569	18.854	ug/l	100
85) sec-Butylbenzene	13.15	105	165154	18.788	ug/l	98
86) p-Isopropyltoluene	13.26	119	153809	19.219	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	83392	18.321	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	81540	16.939	ug/l	97
89) n-Butylbenzene	13.59	91	129110	18.370	ug/l	99
90) Hexachloroethane	13.85	117	25987	18.692	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	80621	18.039	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	10548	16.830	ug/l	98

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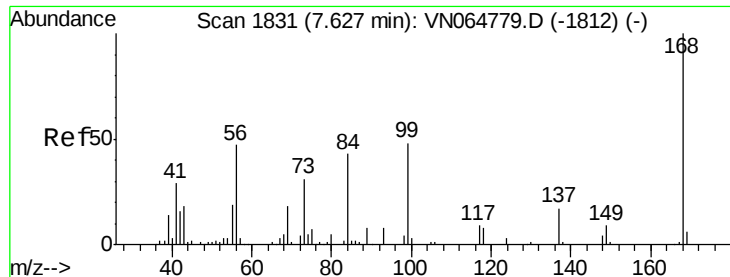
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	47873	17.315	ug/l	100
94) Hexachlorobutadiene	14.98	225	23640	19.219	ug/l	97
95) Naphthalene	15.10	128	136257	16.450	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	45799	18.338	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064870.D

Acq: 30 Nov 2020 14:12

Instrument :

MSVOA_N

ClientSampleId :

VN1130WBSD01

Tot Ion:168 Resp: 195869

Ion Ratio Lower Upper

168 100

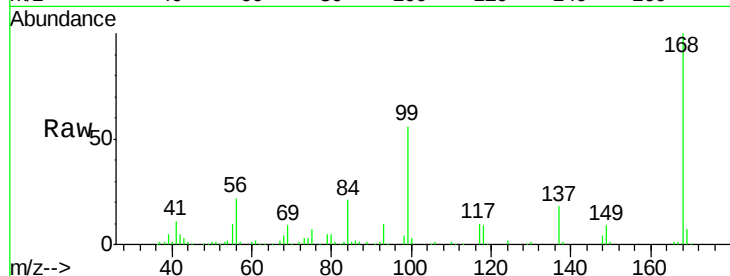
99 55.4 43.0 64.4

Manual Integrations

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12/1/2020 9:35:12 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

80000

60000

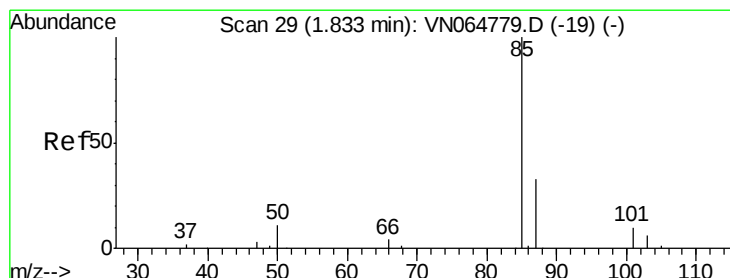
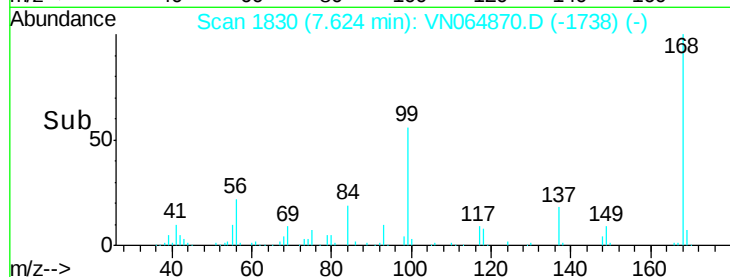
40000

20000

0

7.55 7.60 7.65 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 16.509 ug/l

RT: 1.84 min Scan# 30

Delta R.T. 0.00 min

Lab File: VN064870.D

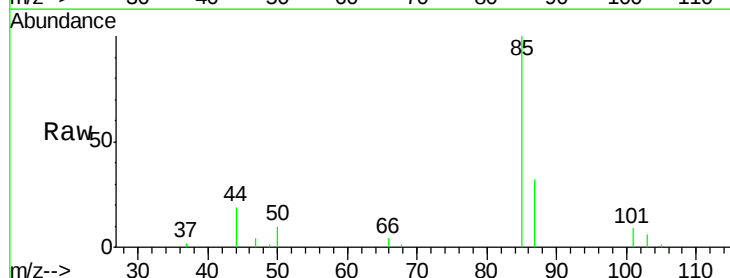
Acq: 30 Nov 2020 14:12

Tgt Ion: 85 Resp: 28025

Ion Ratio Lower Upper

85 100

87 31.9 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.84

25000

20000

15000

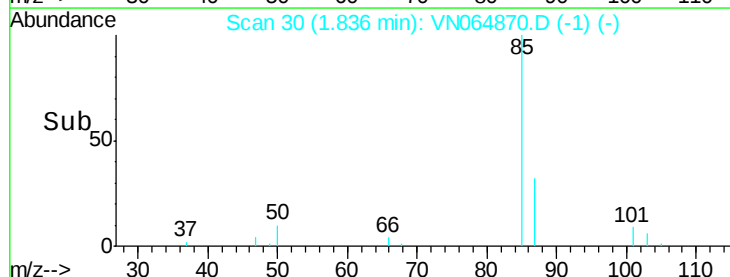
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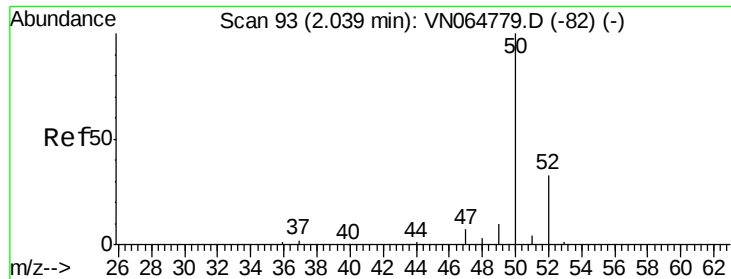
5000

0

1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 16.201 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN064870.D

Acq: 30 Nov 2020 14:12

Instrument :

MSVOA_N

ClientSampleId :

VN1130WBSD01

Tot Ion: 50 Resp: 35738

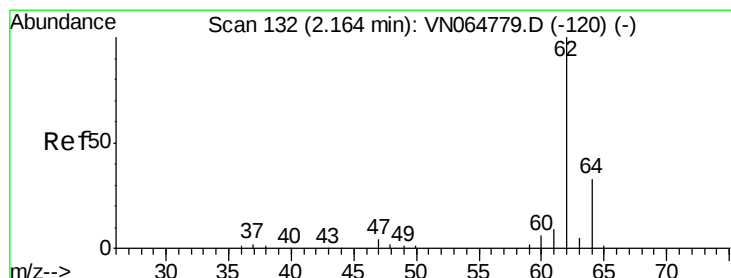
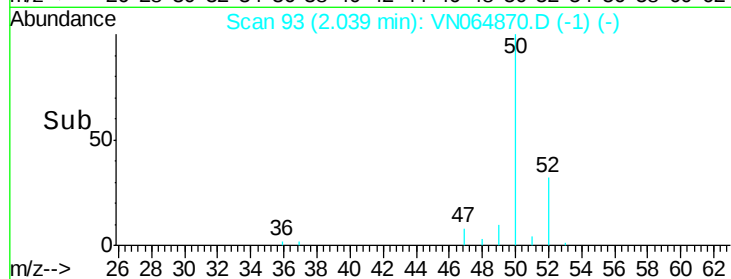
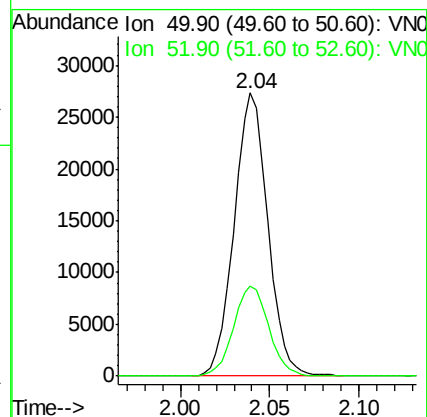
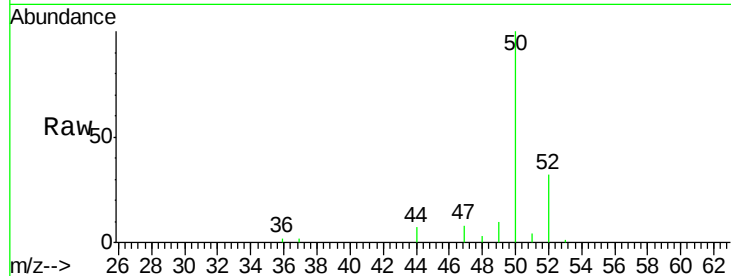
Ion Ratio Lower Upper

50 100

52 31.7 26.6 39.8

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#4

Vinyl Chloride

Concen: 16.427 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN064870.D

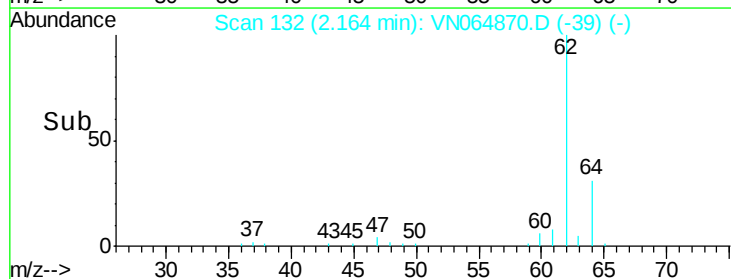
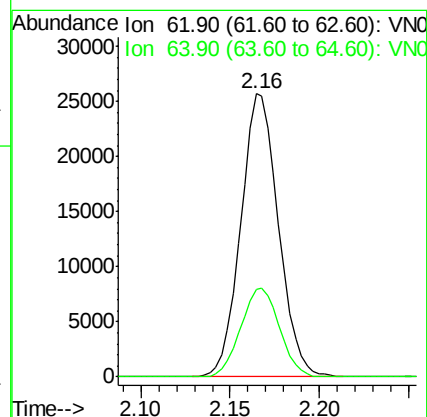
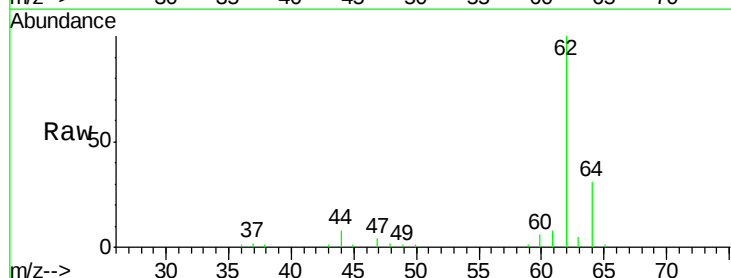
Acq: 30 Nov 2020 14:12

Tgt Ion: 62 Resp: 37780

Ion Ratio Lower Upper

62 100

64 30.7 26.5 39.7





#5

Bromomethane

Concen: 16.711 ug/l

RT: 2.53 min Scan# 246

Delta R.T. 0.00 min

Lab File: VN064870.D

Acq: 30 Nov 2020 14:12

Instrument :

MSVOA_N

ClientSampleId :

VN1130WBSD01

Tot Ion: 94 Resp: 25215

Ion Ratio Lower Upper

94 100

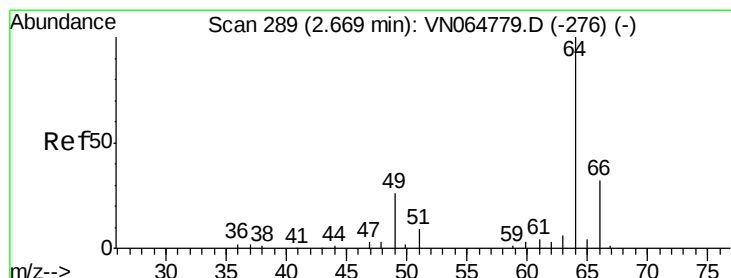
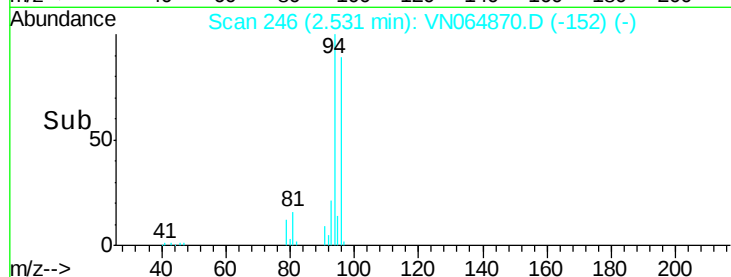
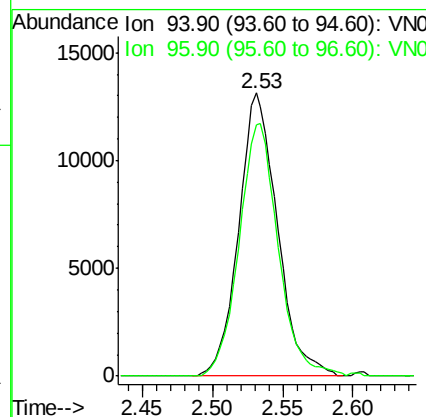
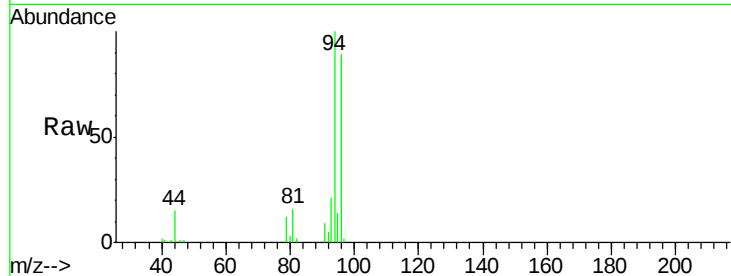
96 88.6 75.4 113.0

Manual Integrations

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12/1/2020 9:35:12 AM



#6

Chloroethane

Concen: 16.485 ug/l

RT: 2.67 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN064870.D

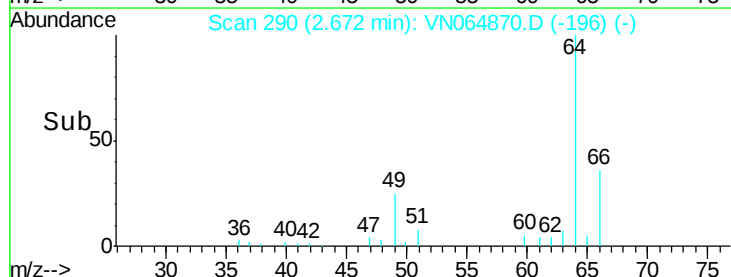
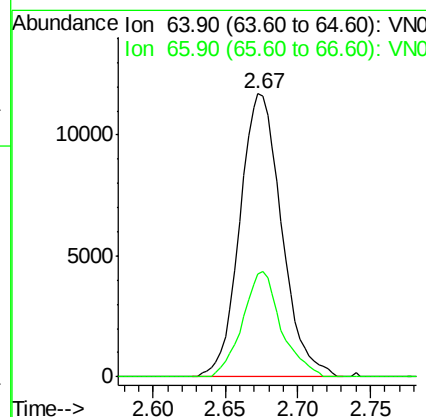
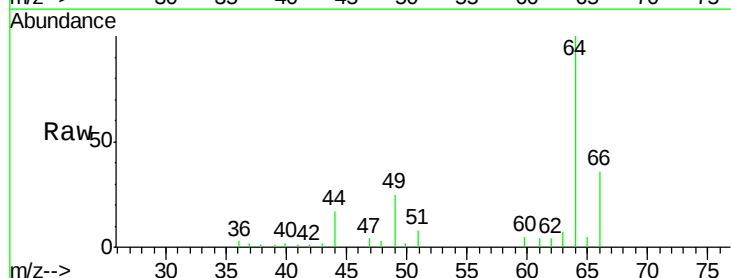
Acq: 30 Nov 2020 14:12

Tgt Ion: 64 Resp: 23450

Ion Ratio Lower Upper

64 100

66 36.4 25.6 38.4





#7

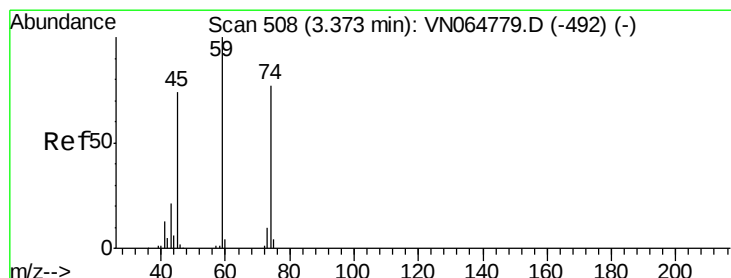
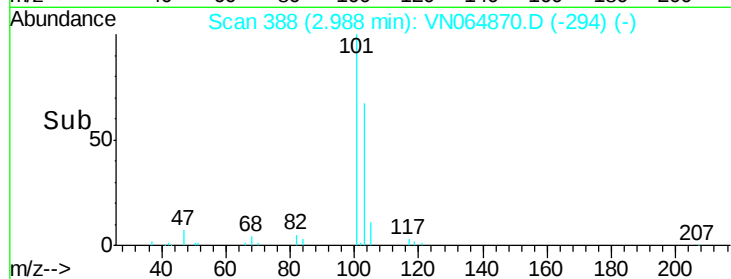
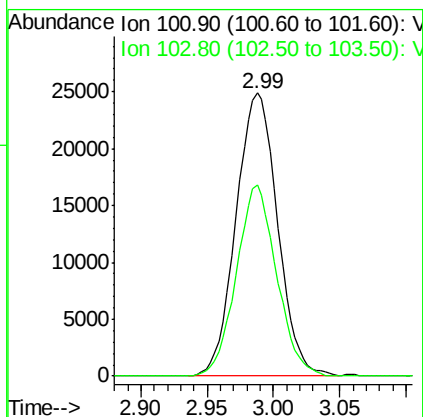
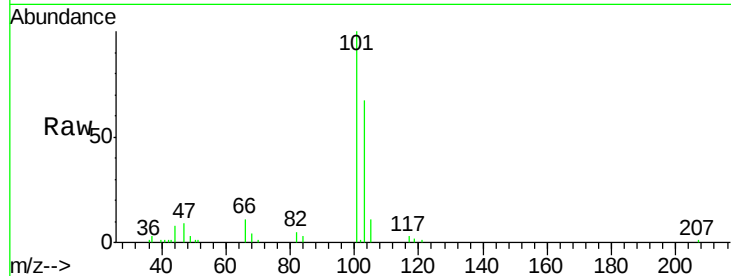
Trichlorofluoromethane
 Concen: 17.069 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: VN064870.D
 Acq: 30 Nov 2020 14:12

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 VN1130WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	67.4	50.5	75.7

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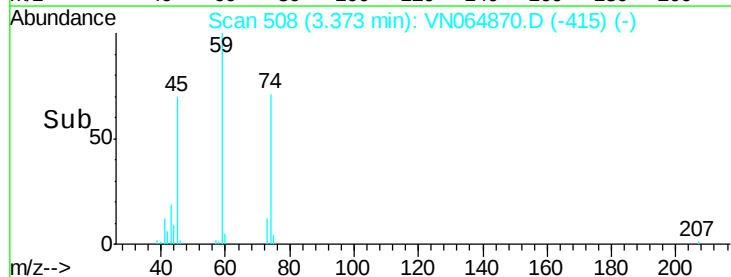
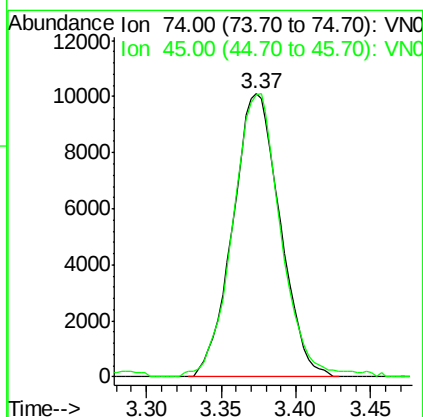
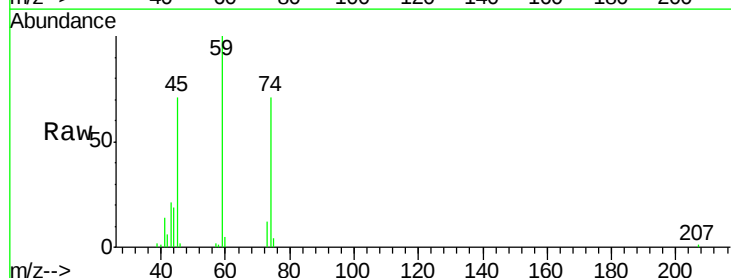
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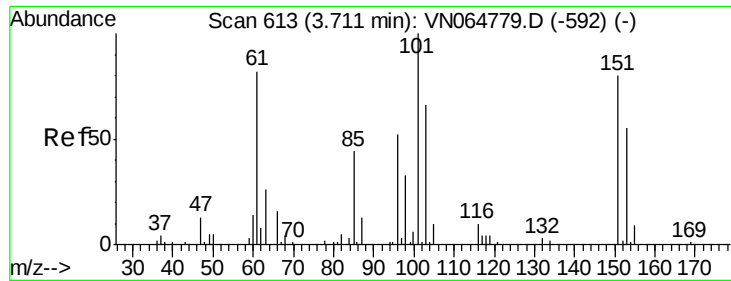


#8

Diethyl Ether
 Concen: 17.750 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: VN064870.D
 Acq: 30 Nov 2020 14:12

Tgt Ion	Ratio	Lower	Upper
74	100		
45	101.2	48.9	146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.106 ug/l

RT: 3.71 min Scan# 612

Delta R.T. -0.00 min

Lab File: VN064870.D

Acq: 30 Nov 2020 14:12

Instrument :

MSVOA_N

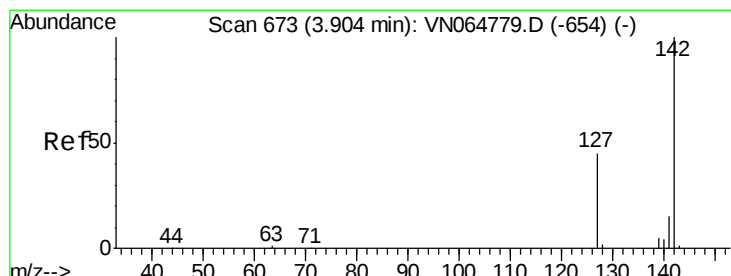
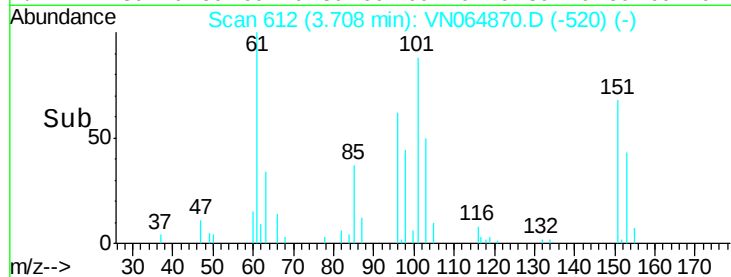
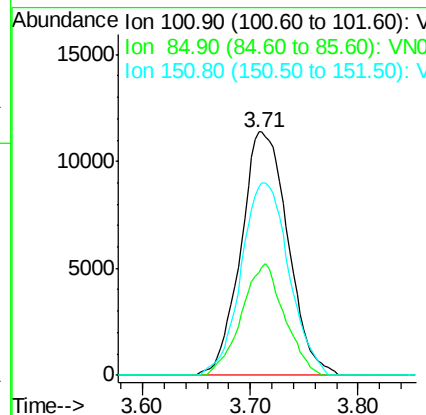
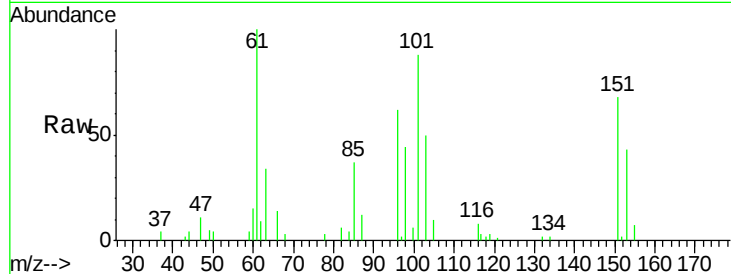
ClientSampleId :

VN1130WBSD01

Tot Ion:	101	Resp:	34530
Ion Ratio	Lower	Upper	
101	100		
85	41.8	34.4	51.6
151	79.9	64.0	96.0

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



#10

Methyl Iodide

Concen: 15.734 ug/l

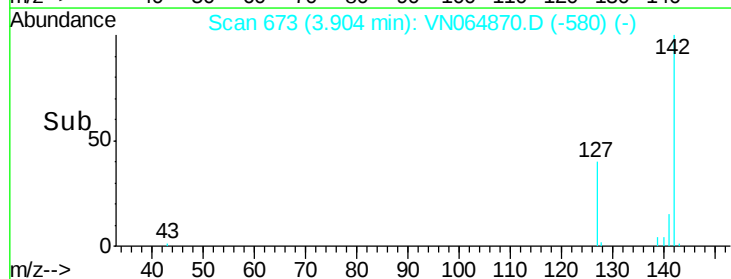
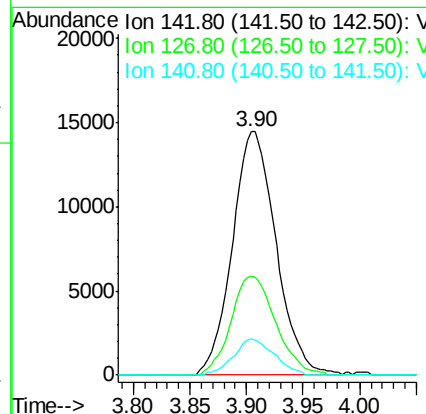
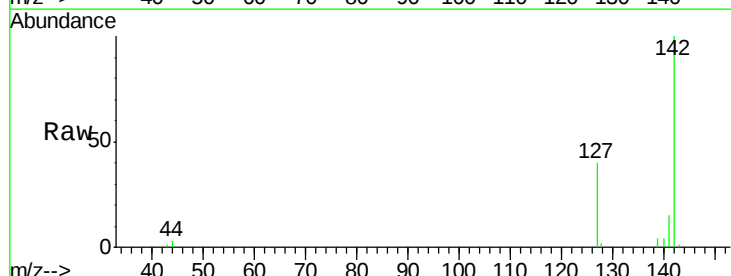
RT: 3.90 min Scan# 673

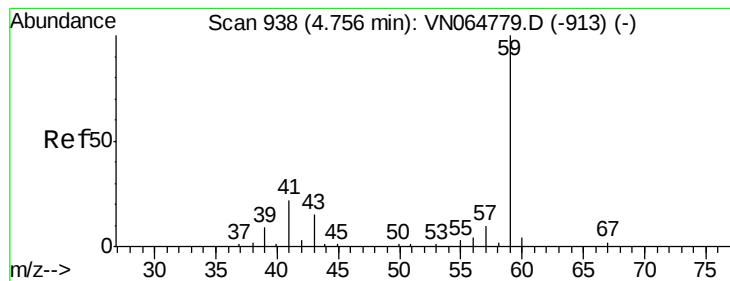
Delta R.T. 0.00 min

Lab File: VN064870.D

Acq: 30 Nov 2020 14:12

Tgt Ion:	142	Resp:	38922
Ion Ratio	Lower	Upper	
142	100		
127	41.6	35.0	52.6
141	13.9	11.8	17.6





#11

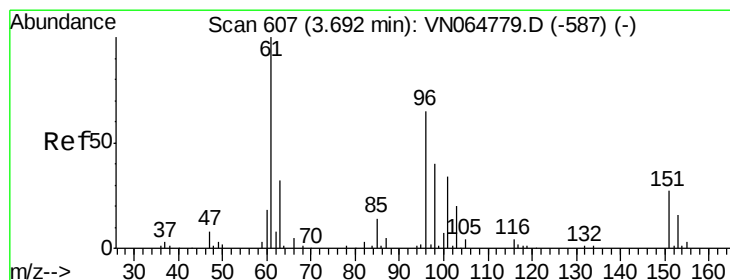
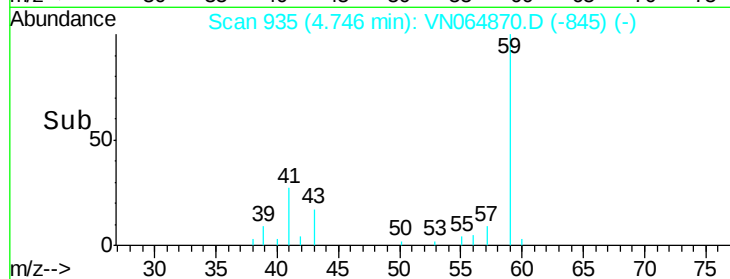
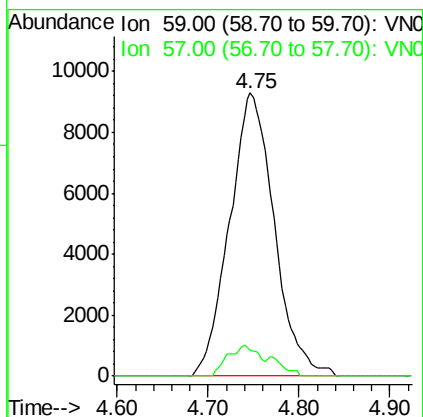
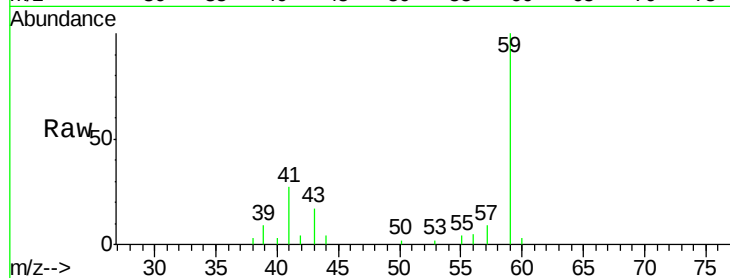
Tert butyl alcohol
Concen: 89.249 ug/l
RT: 4.75 min Scan# 935
Delta R.T. -0.01 min
Lab File: VN064870.D
Acq: 30 Nov 2020 14:12

Instrument :
MSVOA_N
ClientSampled :
VN1130WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
59	59	100		
57	57	7.5	7.9	11.9#

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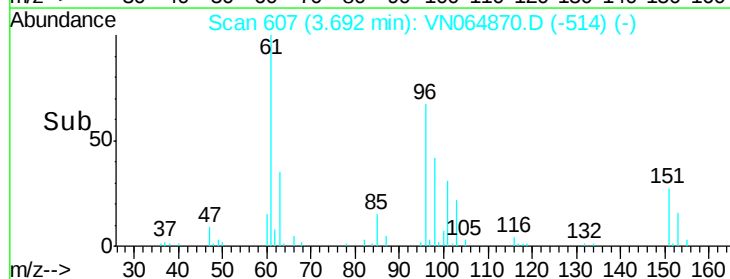
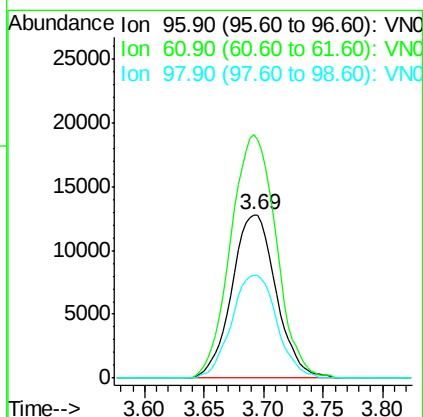
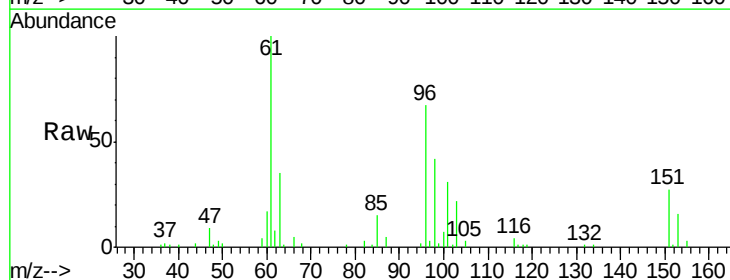
MMDadoda
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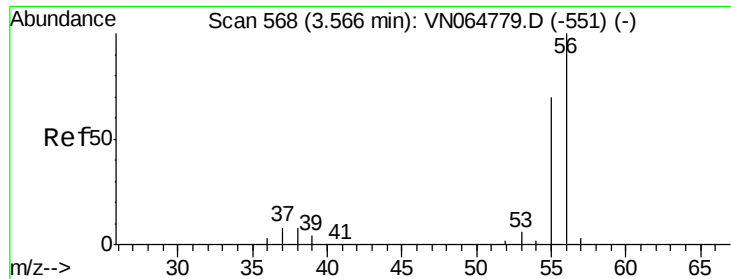


#12

1,1-Dichloroethene
Concen: 17.336 ug/l
RT: 3.69 min Scan# 607
Delta R.T. 0.00 min
Lab File: VN064870.D
Acq: 30 Nov 2020 14:12

Tgt Ion	Ion	Ratio	Lower	Upper
96	96	100		
61	61	148.9	123.4	185.2
98	98	62.9	49.8	74.8





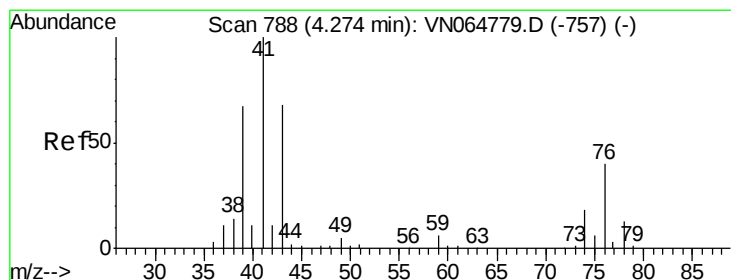
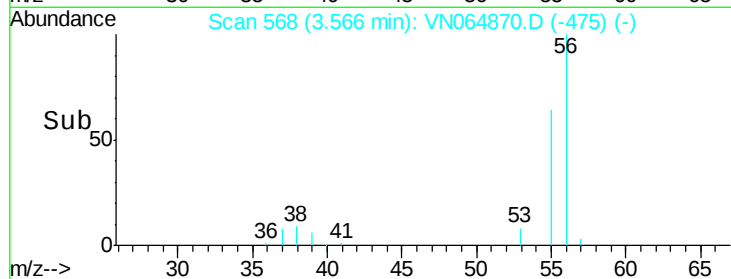
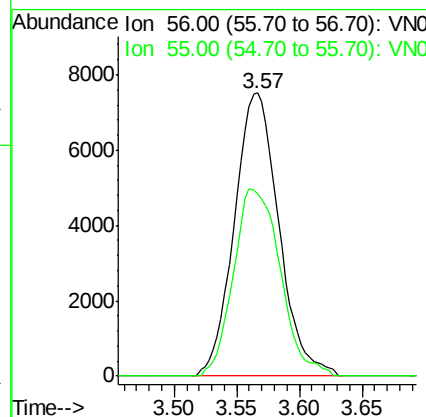
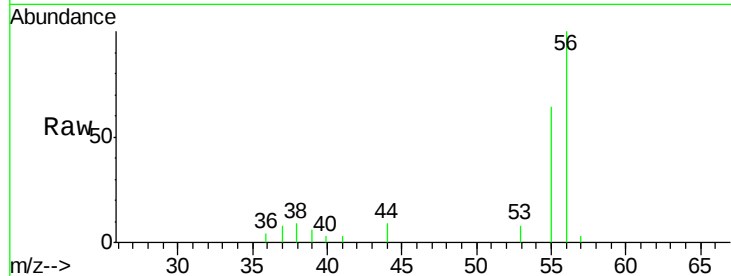
#13
Acrolein
Concen: 85.513 ug/l
RT: 3.57 min Scan# 568
Delta R.T. 0.00 min
Lab File: VN064870.D
Acq: 30 Nov 2020 14:12

Instrument :
MSVOA_N
ClientSampleId :
VN1130WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
55	69.5	56.5	84.7

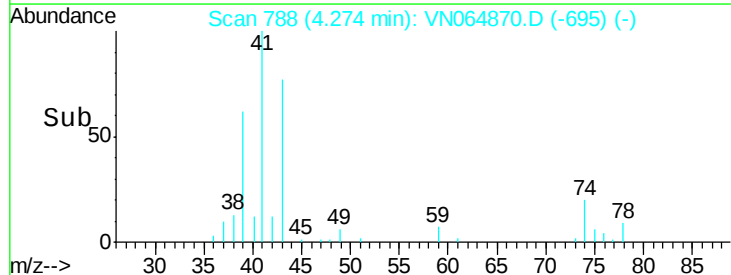
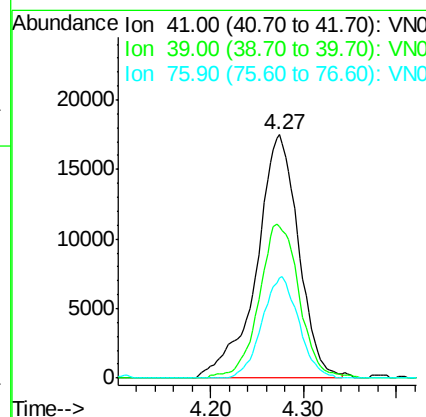
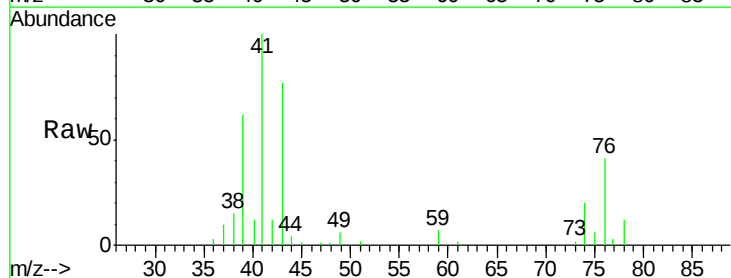
Manual Integrations
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#14
Allyl chloride
Concen: 17.582 ug/l
RT: 4.27 min Scan# 788
Delta R.T. 0.00 min
Lab File: VN064870.D
Acq: 30 Nov 2020 14:12

Tgt Ion	Ratio	Lower	Upper
41	100		
39	60.6	50.9	76.3
76	36.4	29.0	43.4





#15

Acrylonitrile

Concen: 94.652 ug/l

RT: 4.94 min Scan# 994

Delta R.T. 0.00 min

Lab File: VN064870.D

Acq: 30 Nov 2020 14:12

Instrument :

MSVOA_N

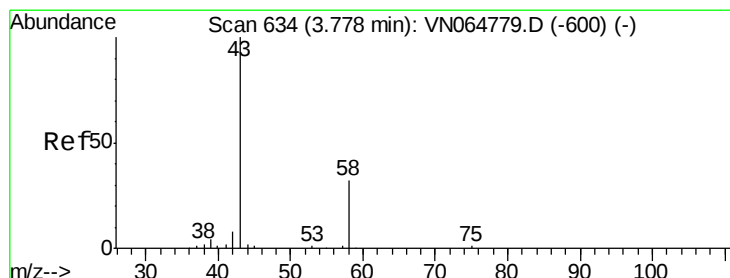
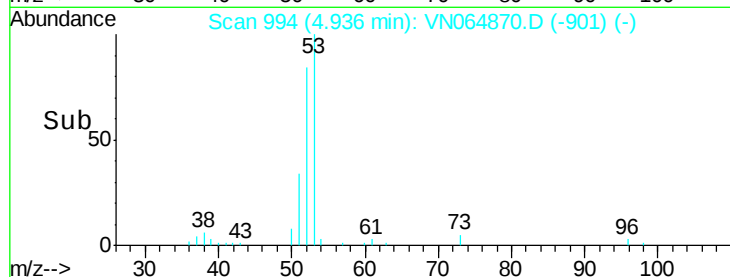
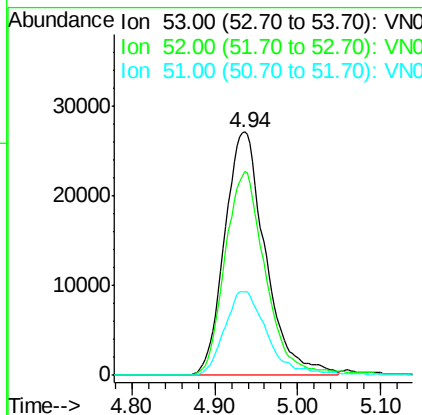
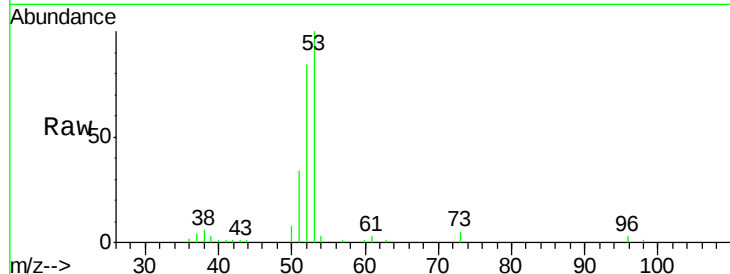
ClientSampleId :

VN1130WBSD01

Tot Ion:	53	Resp:	92856
Ion Ratio	Lower	Upper	
53	100		
52	82.6	65.5	98.3
51	35.6	28.6	43.0

Manual Integrations
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#16

Acetone

Concen: 95.037 ug/l

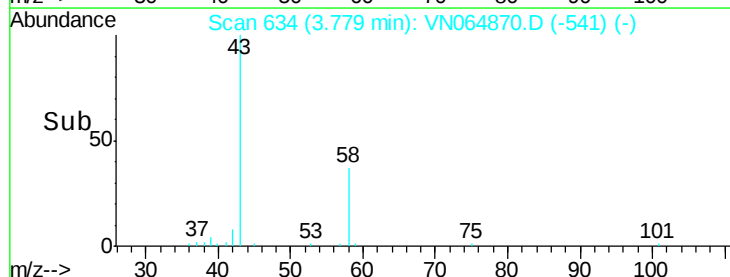
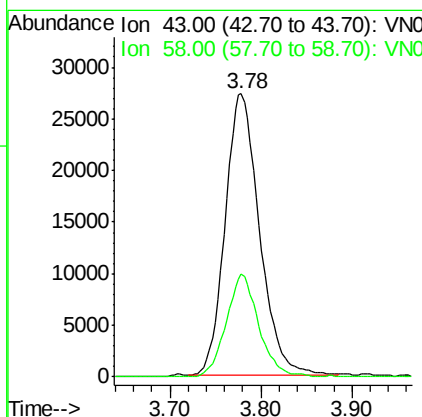
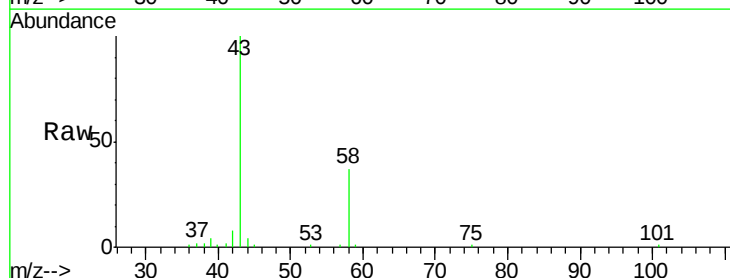
RT: 3.78 min Scan# 634

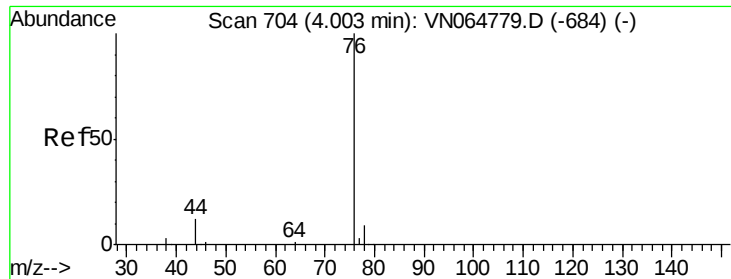
Delta R.T. 0.00 min

Lab File: VN064870.D

Acq: 30 Nov 2020 14:12

Tgt Ion:	43	Resp:	71140
Ion Ratio	Lower	Upper	
43	100		
58	36.8	25.7	38.5





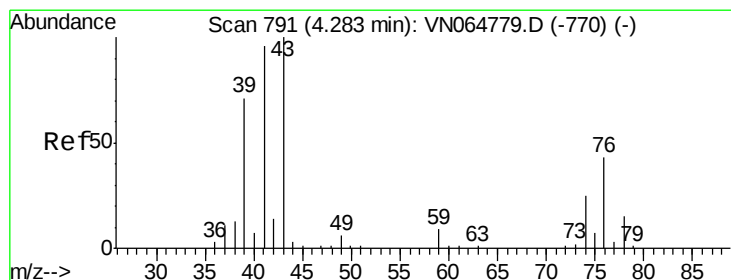
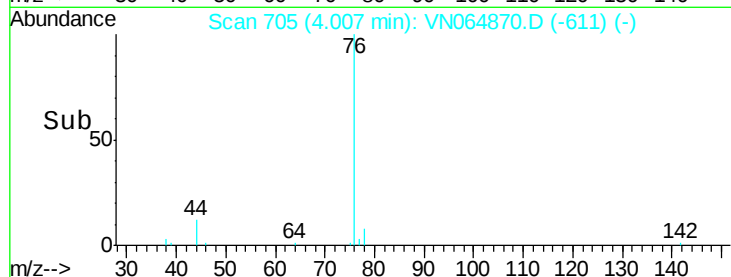
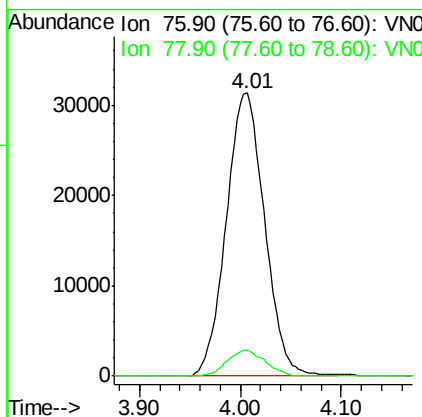
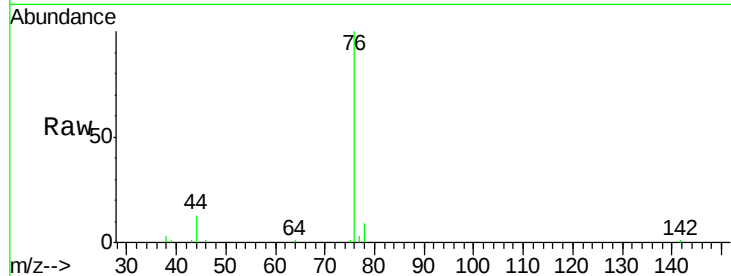
#17
Carbon Disulfide
Concen: 16.907 ug/l
RT: 4.01 min Scan# 705
Delta R.T. 0.00 min
Lab File: VN064870.D
Acq: 30 Nov 2020 14:12

Instrument :
MSVOA_N
ClientSampleId :
VN1130WBSD01

Tot Ion: 76 Resp: 82898
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0

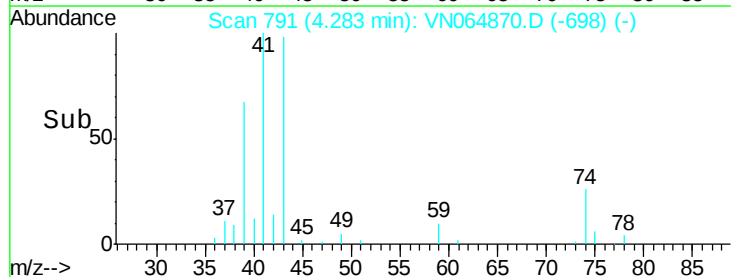
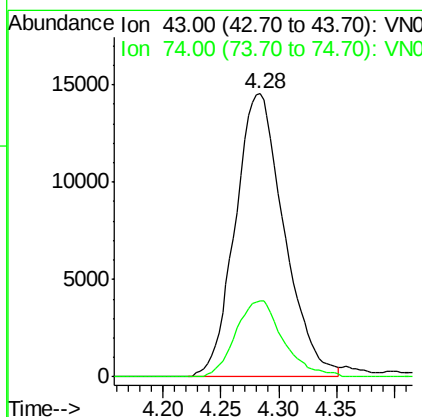
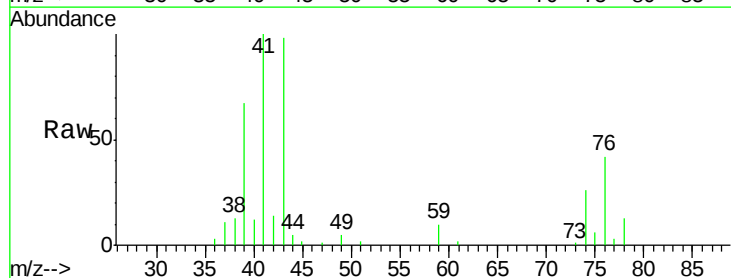
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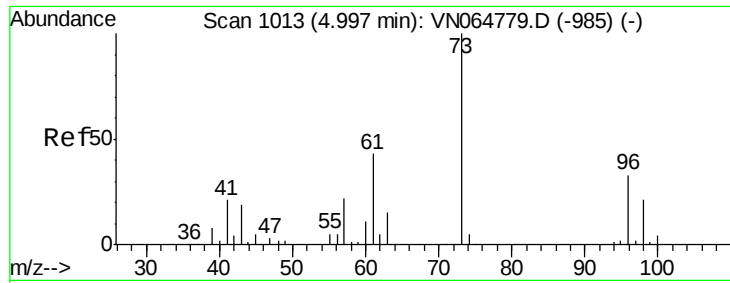
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#18
Methyl Acetate
Concen: 18.961 ug/l
RT: 4.28 min Scan# 791
Delta R.T. 0.00 min
Lab File: VN064870.D
Acq: 30 Nov 2020 14:12

Tgt Ion: 43 Resp: 42674
Ion Ratio Lower Upper
43 100
74 26.2 20.2 30.2





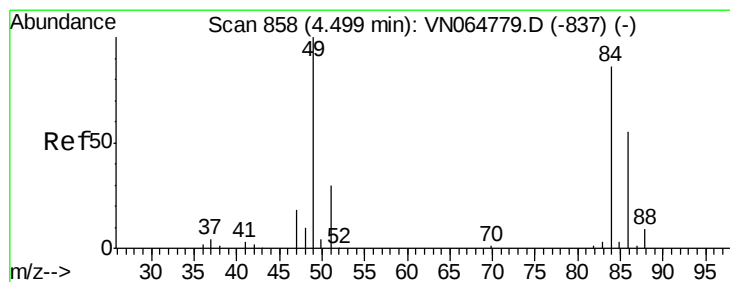
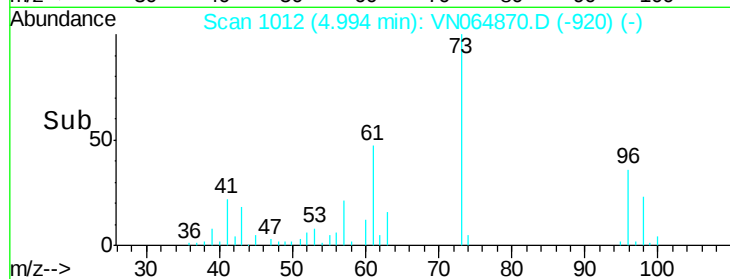
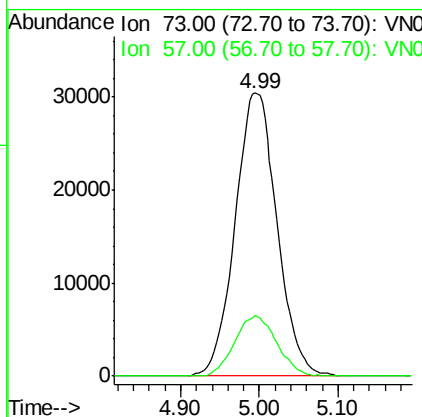
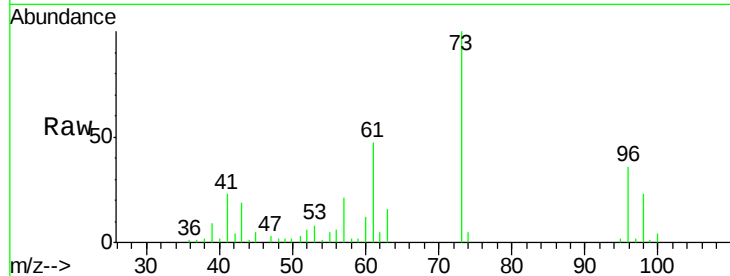
#19
Methvl tert-butvl Ether
Concen: 18.618 ug/l
RT: 4.99 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VN064870.D
Acq: 30 Nov 2020 14:12

Instrument :
MSVOA_N
ClientSampleId :
VN1130WBSD01

Tot Ion: 73 Resp: 113414
Ion Ratio Lower Upper
73 100
57 21.2 17.4 26.0

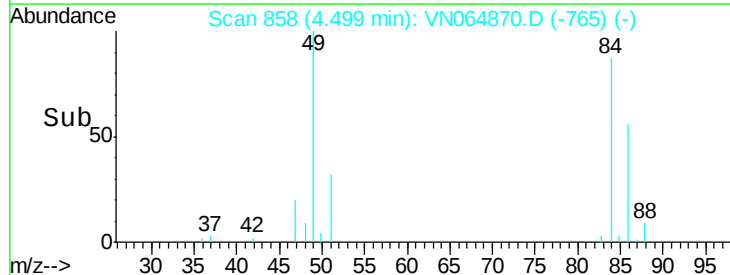
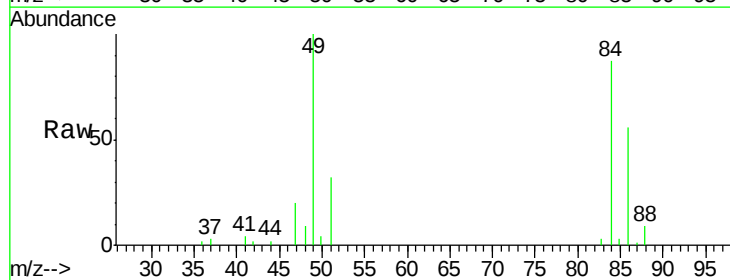
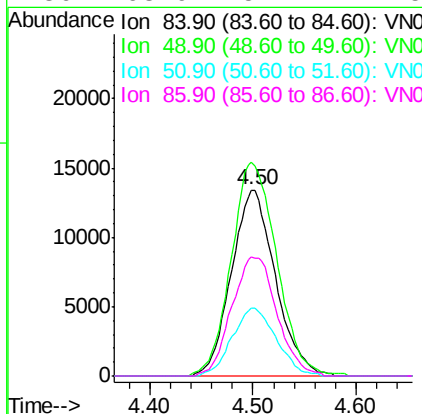
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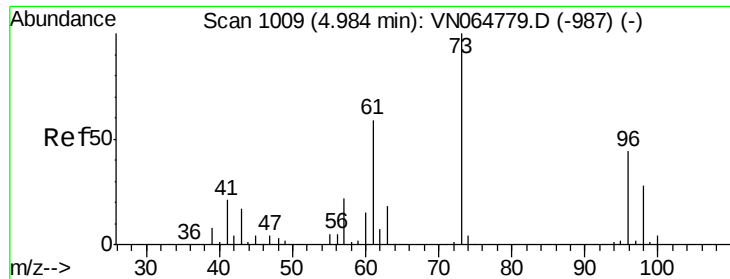
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#20
Methylene Chloride
Concen: 16.997 ug/l
RT: 4.50 min Scan# 858
Delta R.T. 0.00 min
Lab File: VN064870.D
Acq: 30 Nov 2020 14:12

Tgt Ion: 84 Resp: 39869
Ion Ratio Lower Upper
84 100
49 114.8 93.4 140.0
51 36.5 28.2 42.4
86 63.9 51.7 77.5





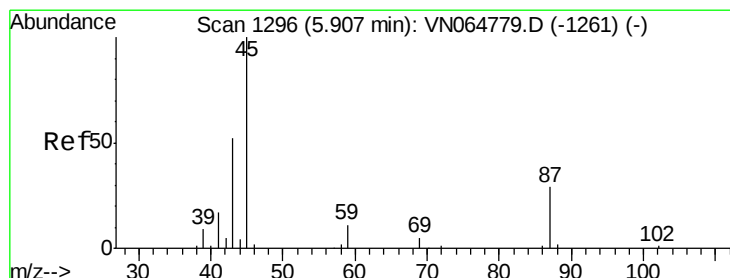
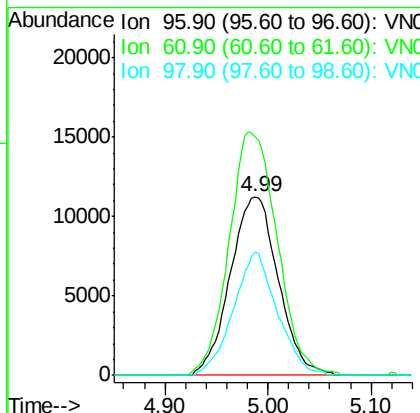
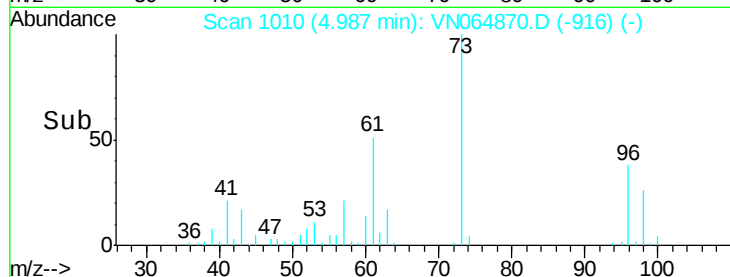
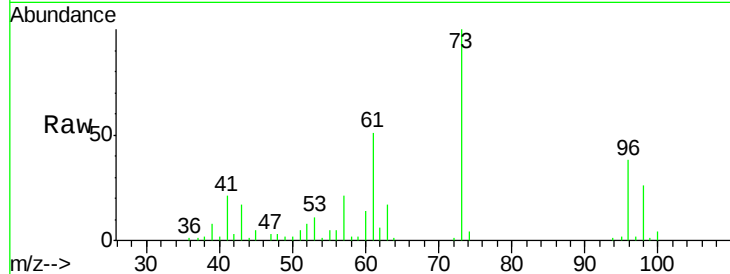
#21
trans-1,2-Dichloroethene
Concen: 17.246 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. 0.00 min
Lab File: VN064870.D
Acq: 30 Nov 2020 14:12

Instrument :
MSVOA_N
ClientSampleId :
VN1130WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	133.7	108.4	162.6
98	69.2	51.3	76.9

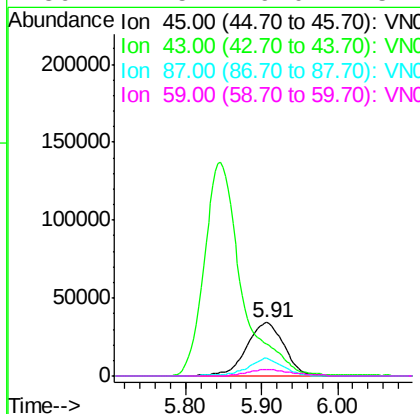
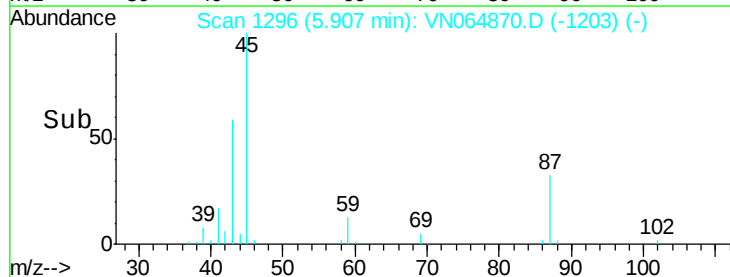
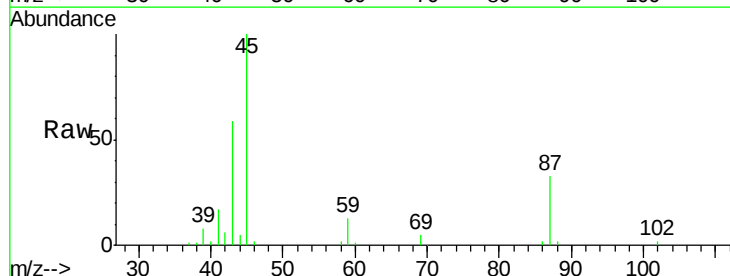
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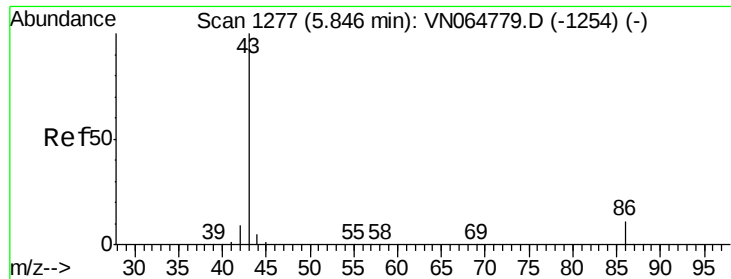
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12/1/2020 9:35:12 AM



#22
Diisopropyl ether
Concen: 18.939 ug/l
RT: 5.91 min Scan# 1296
Delta R.T. 0.00 min
Lab File: VN064870.D
Acq: 30 Nov 2020 14:12

Tgt Ion	Ratio	Lower	Upper
45	100		
43	56.7	46.2	69.2
87	33.4	24.1	36.1
59	12.5	9.0	13.4





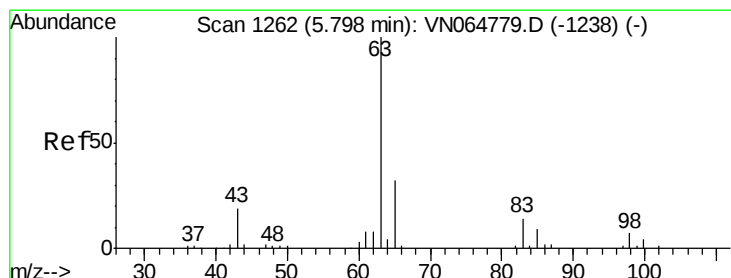
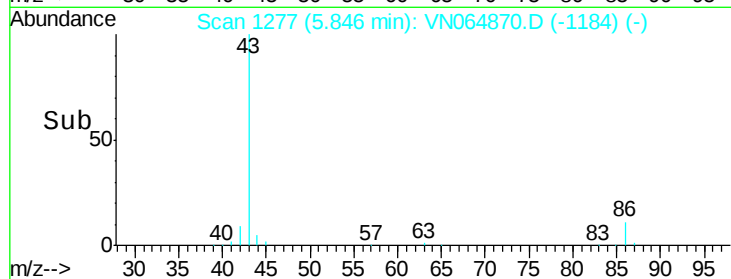
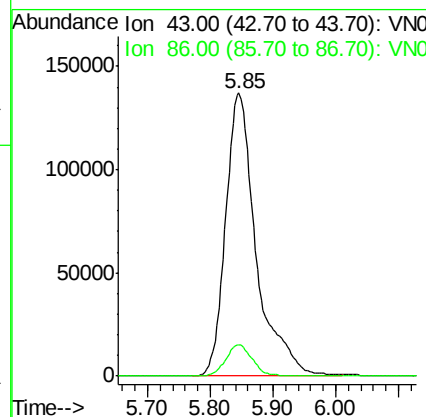
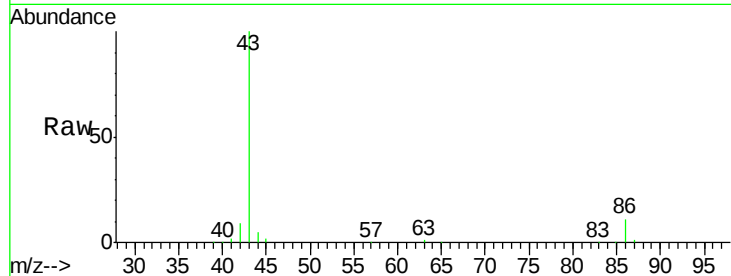
#23
 Vinyl Acetate
 Concen: 92.762 ug/l
 RT: 5.85 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VN064870.D
 Acq: 30 Nov 2020 14:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1130WBSD01

Tot Ion	43	Resp	465125
Ion Ratio	100	Lower	Upper
43	100		
86	11.2	8.9	13.3

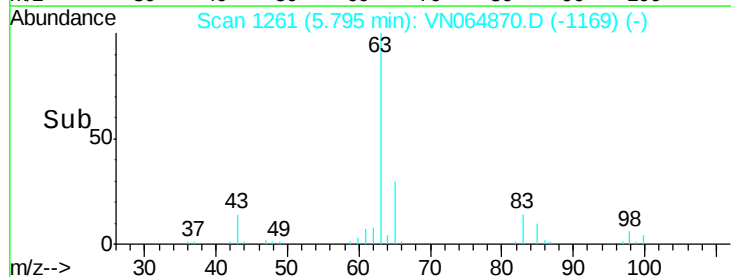
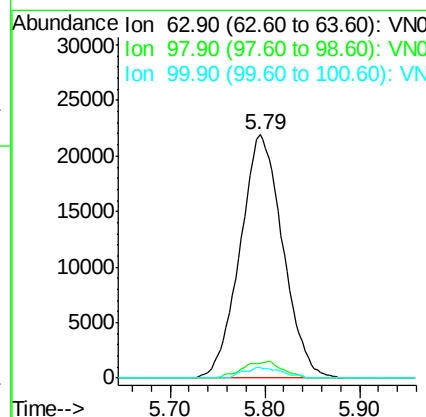
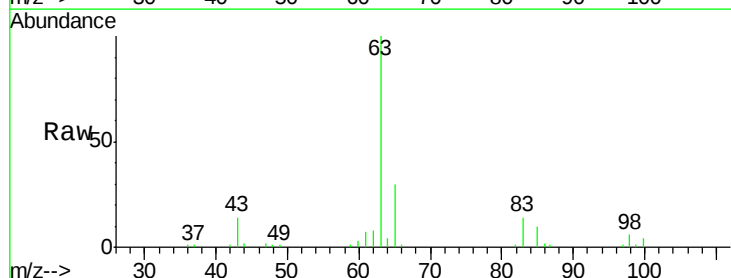
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#24
 1,1-Dichloroethane
 Concen: 18.315 ug/l
 RT: 5.79 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: VN064870.D
 Acq: 30 Nov 2020 14:12

Tgt Ion	63	Resp	68634
Ion Ratio	100	Lower	Upper
63	100		
98	6.1	3.5	10.5
100	4.1	2.3	6.8





#25

2-Butanone

Concen: 95.771 ug/l

RT: 6.79 min Scan# 1571

Delta R.T. 0.00 min

Lab File: VN064870.D

Acq: 30 Nov 2020 14:12

Instrument :

MSVOA_N

ClientSampleId :

VN1130WBSD01

Tot Ion: 43 Resp: 116212

Ion Ratio Lower Upper

43 100

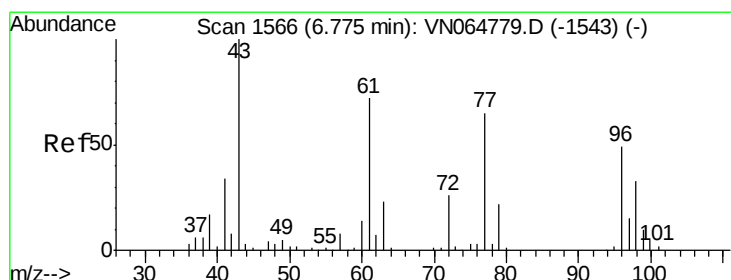
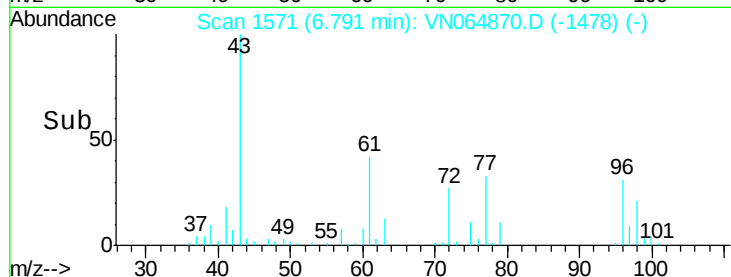
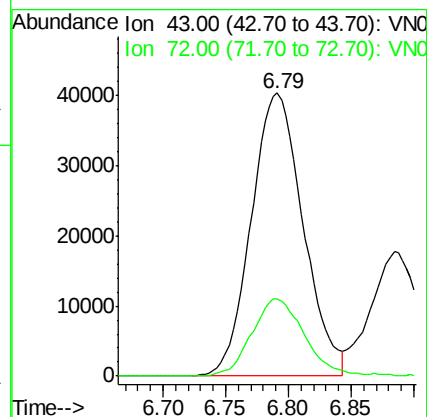
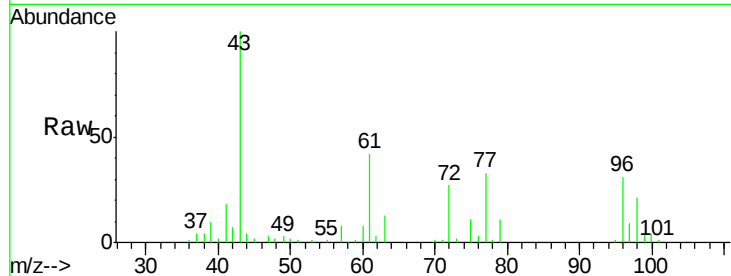
72 27.3 21.0 31.6

Manual Integrations

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12/1/2020 9:35:12 AM



#26

2,2-Dichloropropane

Concen: 16.978 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN064870.D

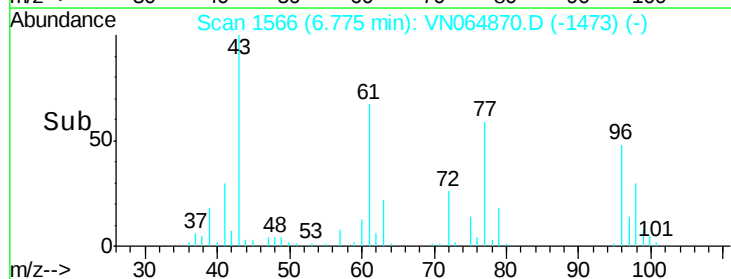
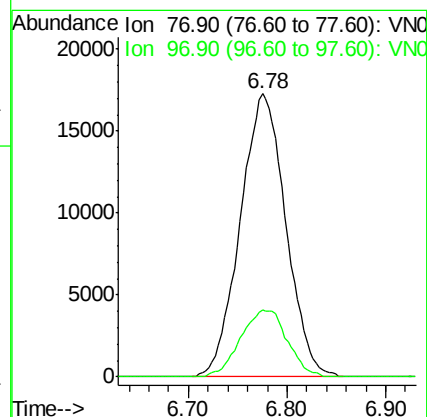
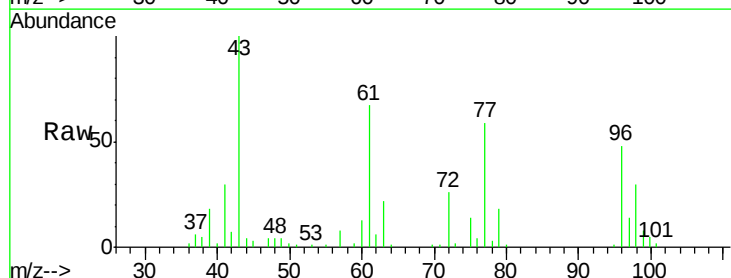
Acq: 30 Nov 2020 14:12

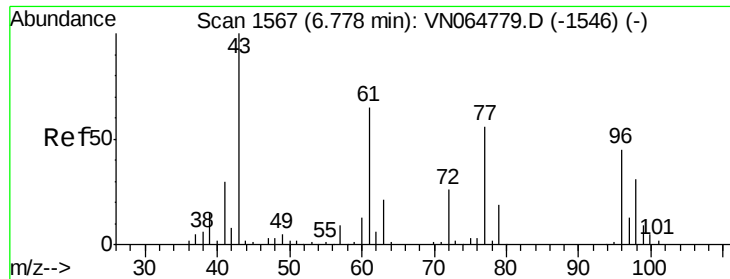
Tgt Ion: 77 Resp: 55181

Ion Ratio Lower Upper

77 100

97 24.2 11.7 35.0





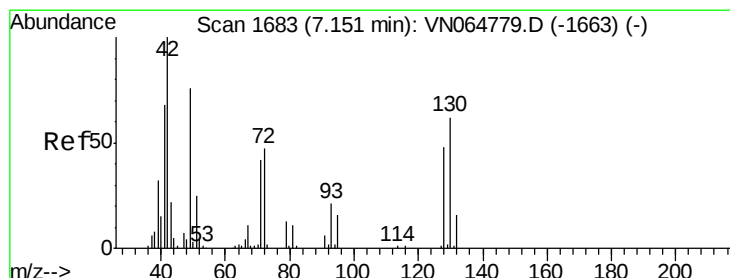
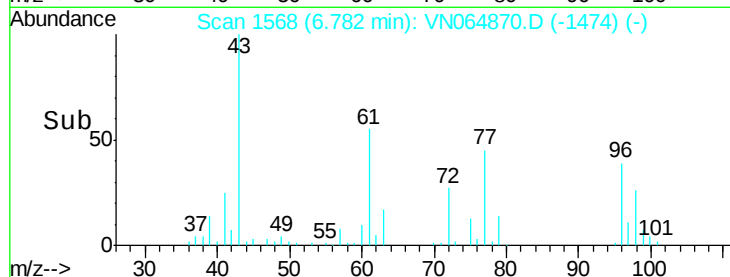
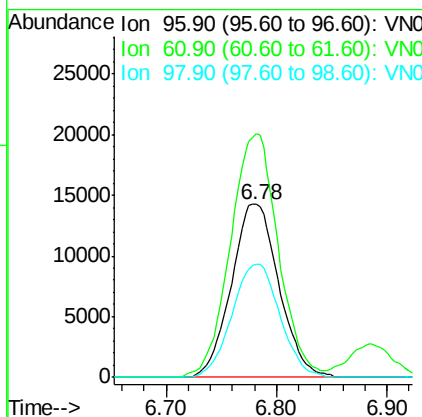
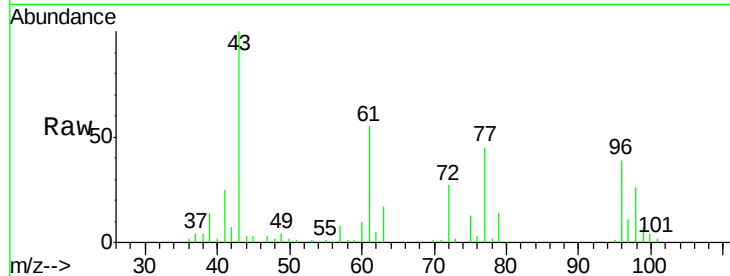
#27
 cis-1,2-Dichloroethene
 Concen: 17.935 ug/l
 RT: 6.78 min Scan# 1567
 Delta R.T. 0.00 min
 Lab File: VN064870.D
 Acq: 30 Nov 2020 14:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1130WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	141.5	0.0	285.8
98	65.9	0.0	130.6

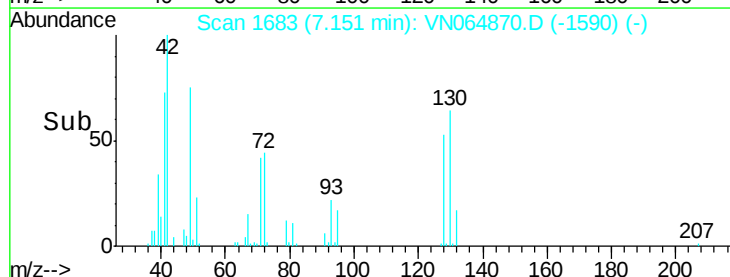
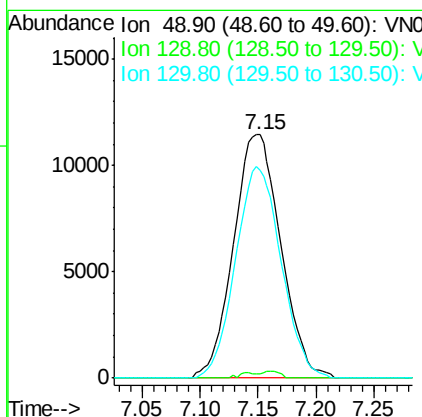
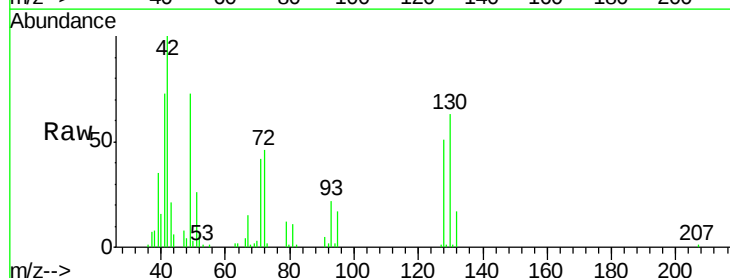
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#28
 Bromochloromethane
 Concen: 18.911 ug/l
 RT: 7.15 min Scan# 1683
 Delta R.T. 0.00 min
 Lab File: VN064870.D
 Acq: 30 Nov 2020 14:12

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.7	0.0	3.8
130	83.8	66.2	99.2





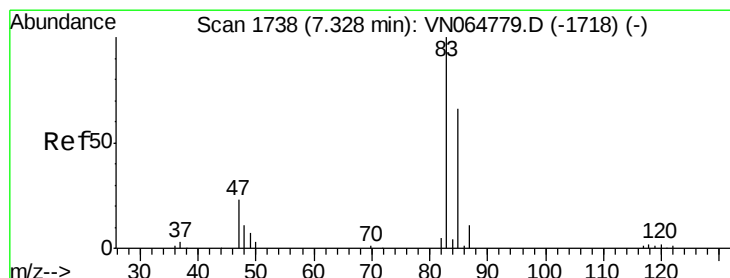
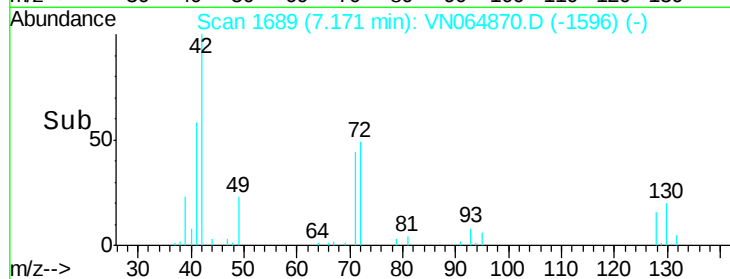
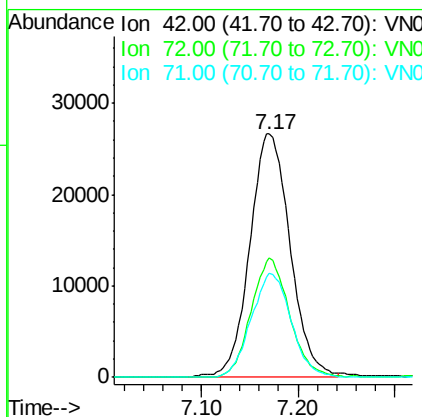
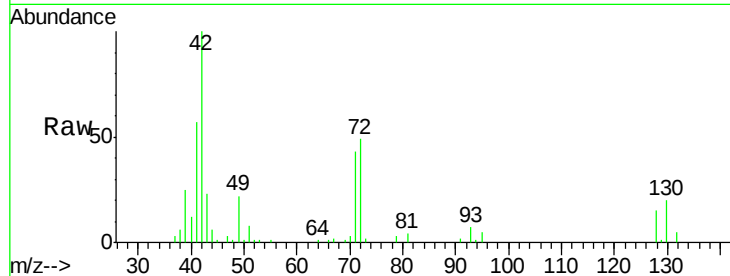
#29
Tetrahydrofuran
Concen: 92.337 ug/l
RT: 7.17 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VN064870.D
Acq: 30 Nov 2020 14:12

Instrument :
MSVOA_N
ClientSampleId :
VN1130WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.4	36.6	54.8
71	42.1	33.6	50.4

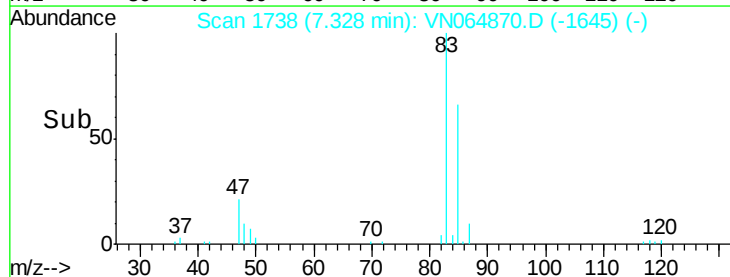
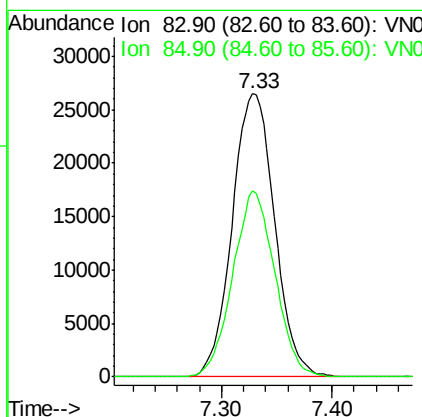
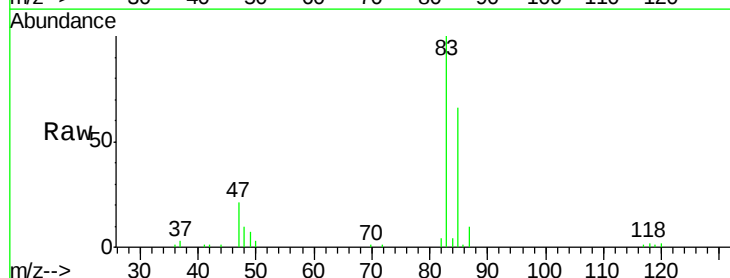
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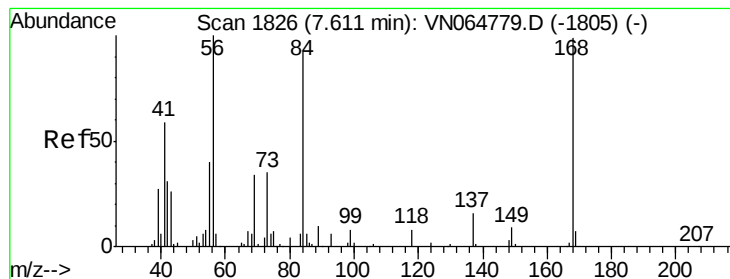
MMDadoda
12/1/2020 9:35:12 AM



#30
Chloroform
Concen: 18.250 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN064870.D
Acq: 30 Nov 2020 14:12

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.9	52.6	78.8





#31

Cyclohexane

Concen: 17.124 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN064870.D

Acq: 30 Nov 2020 14:12

Instrument :

MSVOA_N

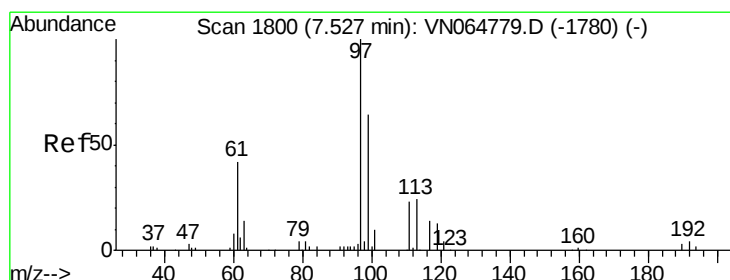
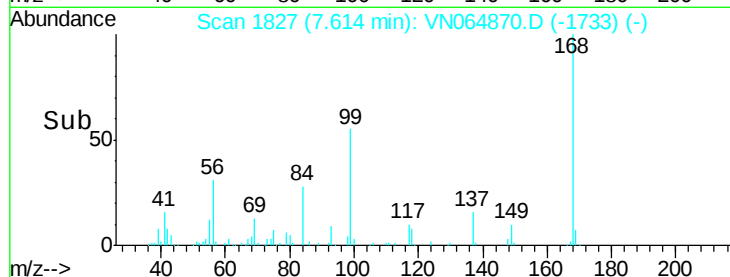
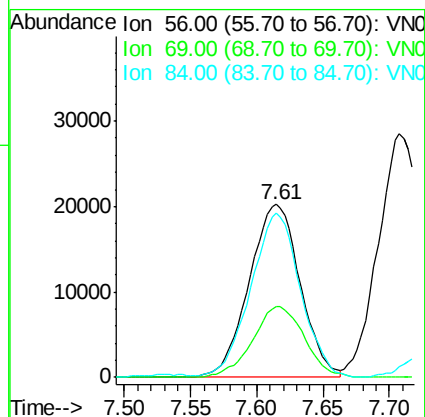
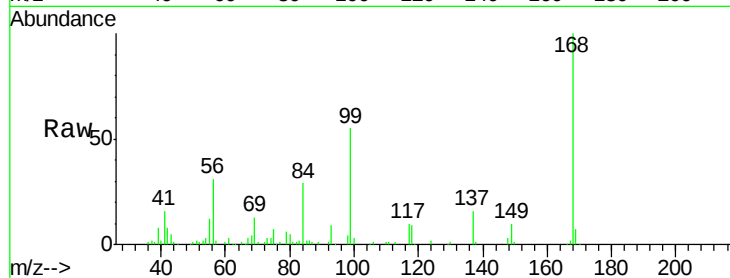
ClientSampleId :

VN1130WBSD01

Tot Ion:	56	Resp:	54346
Ion	Ratio	Lower	Upper
56	100		
69	40.8	27.5	41.3
84	93.8	73.9	110.9

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#32

1,1,1-Trichloroethane

Concen: 17.388 ug/l

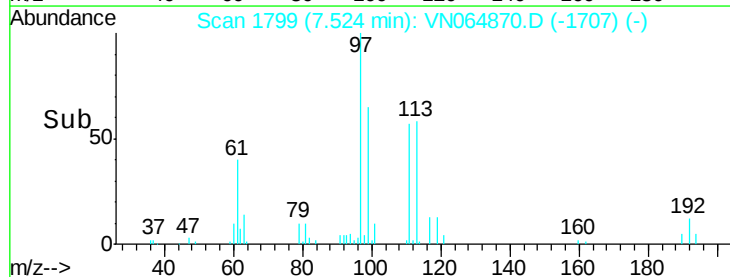
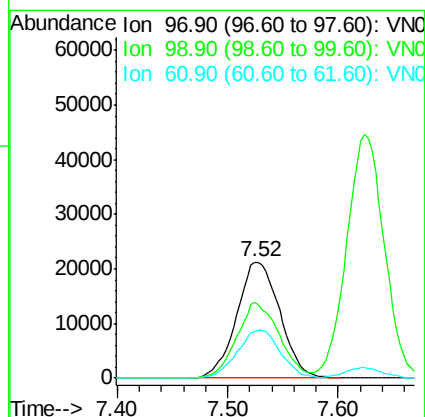
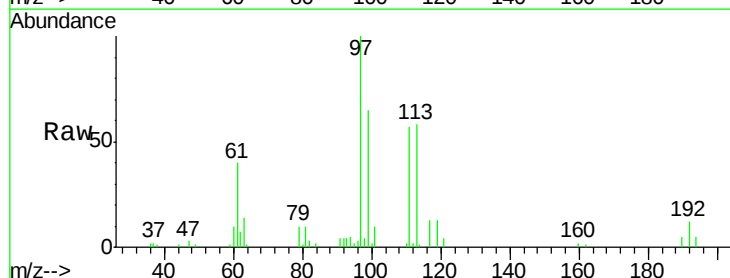
RT: 7.52 min Scan# 1799

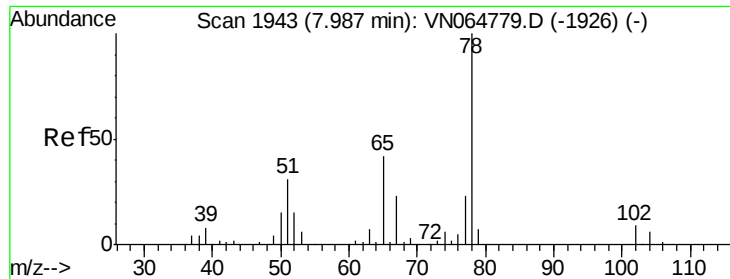
Delta R.T. -0.00 min

Lab File: VN064870.D

Acq: 30 Nov 2020 14:12

Tgt Ion:	97	Resp:	57712
Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.7	77.5
61	41.1	33.9	50.9





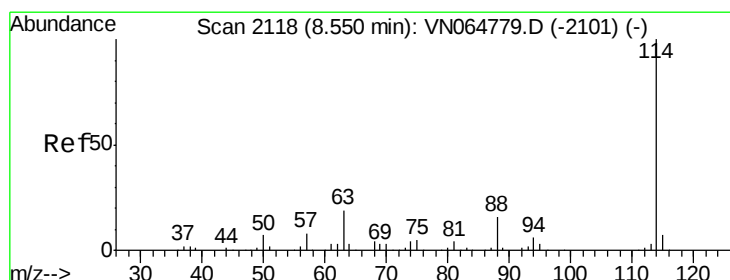
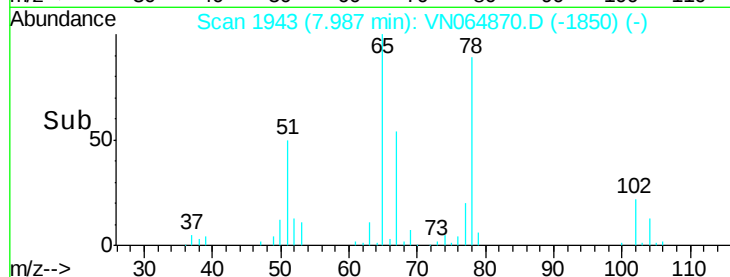
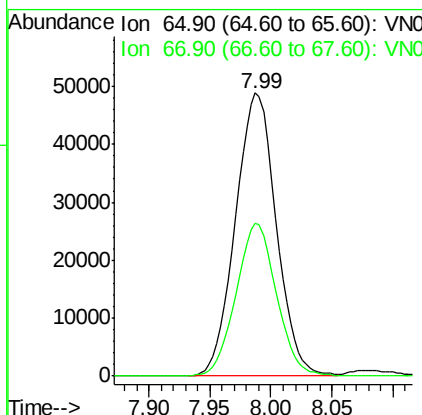
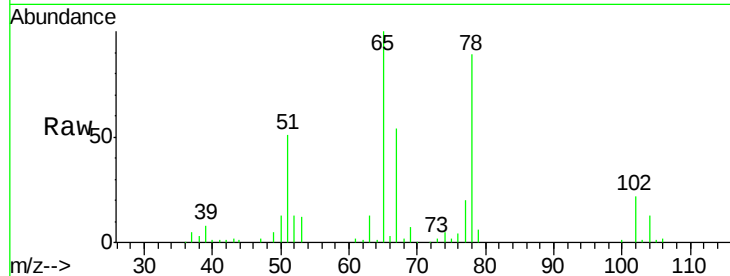
#33
 1,2-Dichloroethane-d4
 Concen: 49.706 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064870.D
 Acq: 30 Nov 2020 14:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1130WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	53.3	0.0	108.2	

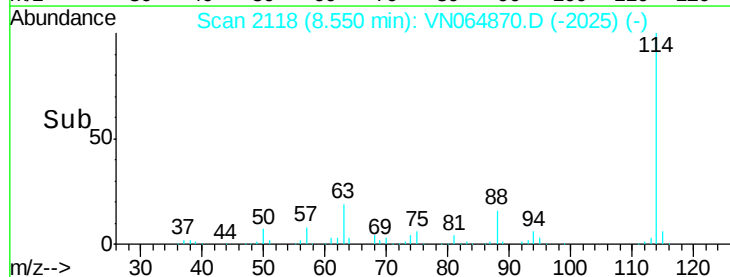
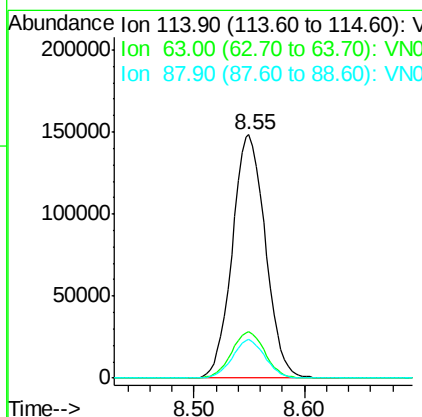
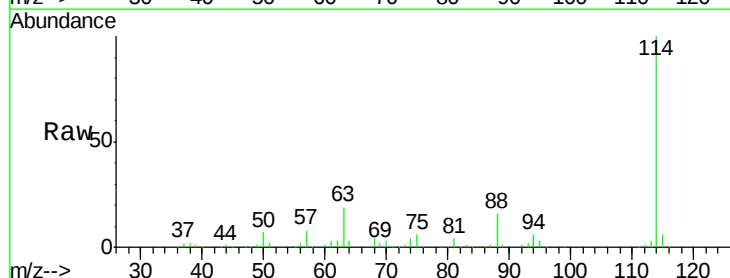
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064870.D
 Acq: 30 Nov 2020 14:12

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	18.9	0.0	38.6	
88	15.7	0.0	32.6	





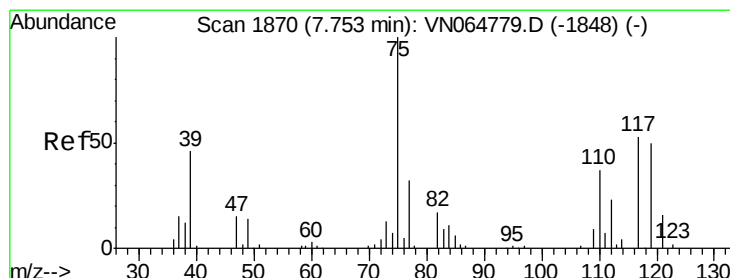
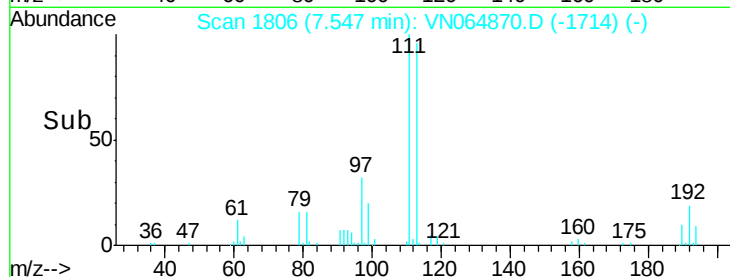
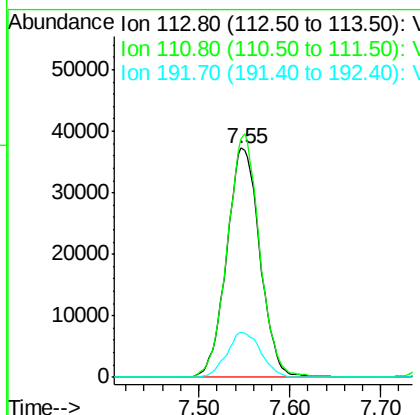
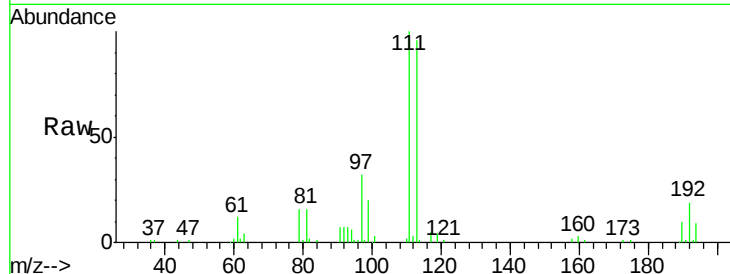
#35
 Dibromofluoromethane
 Concen: 51.224 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN064870.D
 Acq: 30 Nov 2020 14:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1130WBSD01

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.6	122.4
192	20.0	16.2	24.2

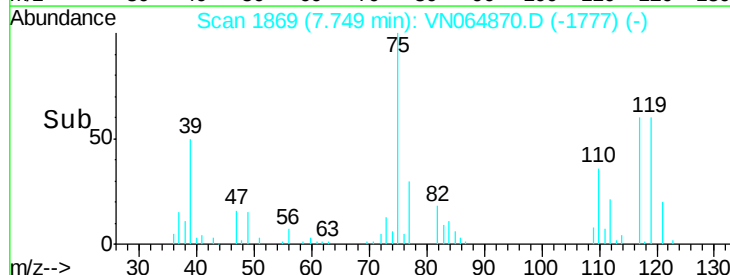
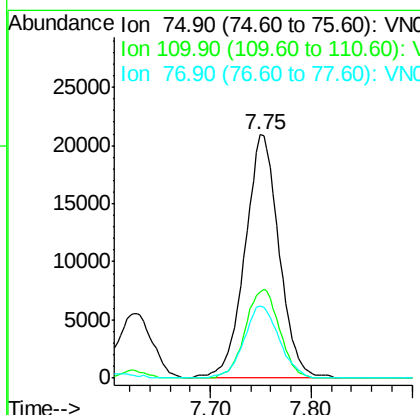
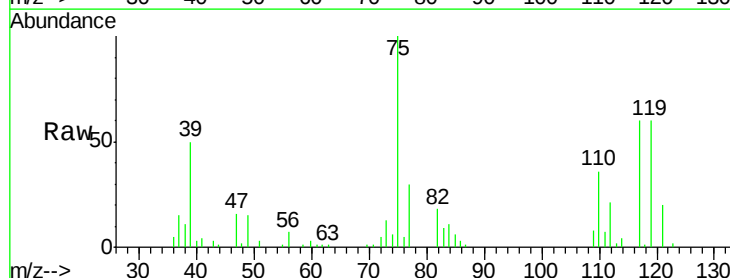
Manual Integrations
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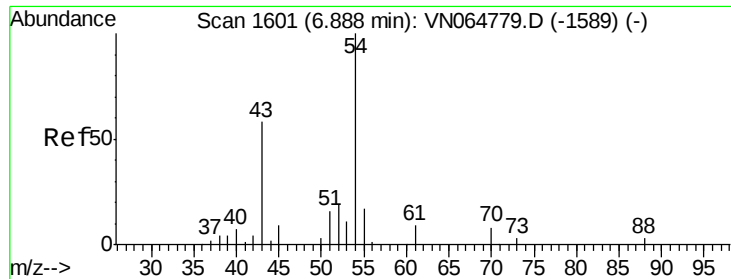
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#36
 1,1-Dichloropropene
 Concen: 17.077 ug/l
 RT: 7.75 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VN064870.D
 Acq: 30 Nov 2020 14:12

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.4	17.8	53.3
77	30.6	25.0	37.4





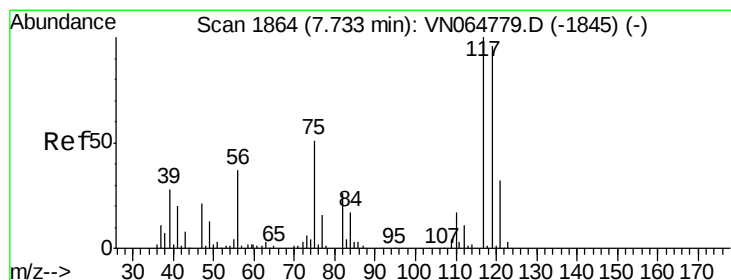
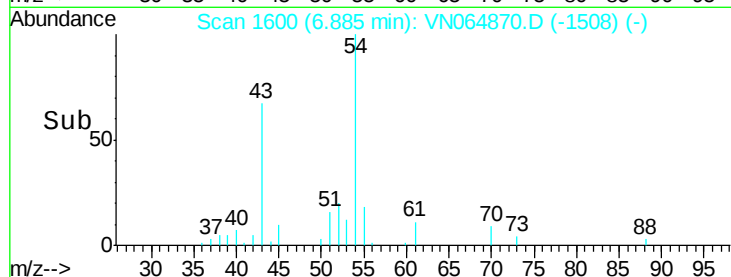
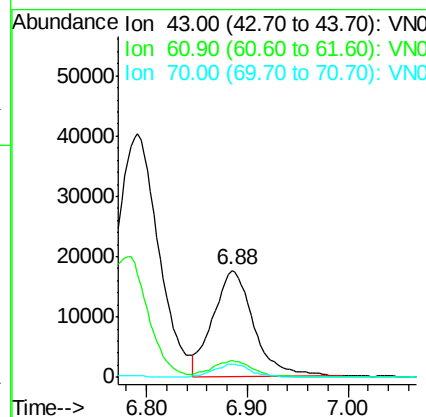
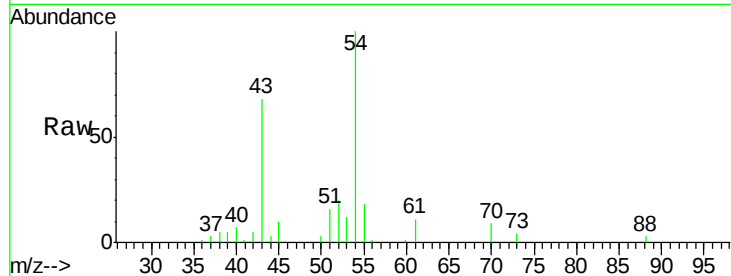
#37
Ethyl Acetate
Concen: 17.951 ug/l
RT: 6.88 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VN064870.D
Acq: 30 Nov 2020 14:12

Instrument :
MSVOA_N
ClientSampleId :
VN1130WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.1	12.8	19.2
70	11.5	8.8	13.2

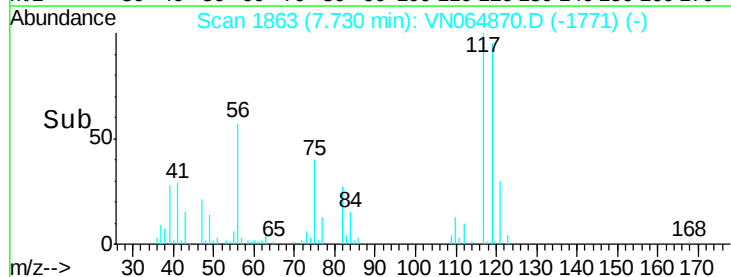
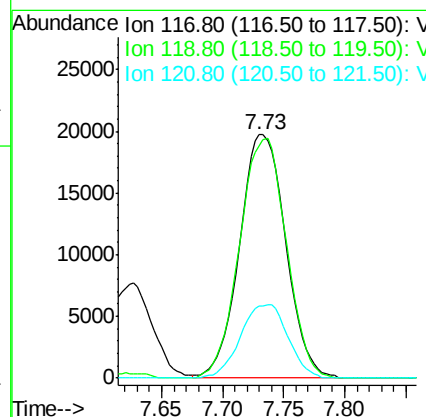
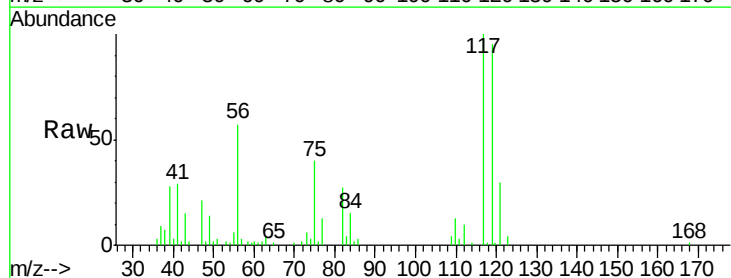
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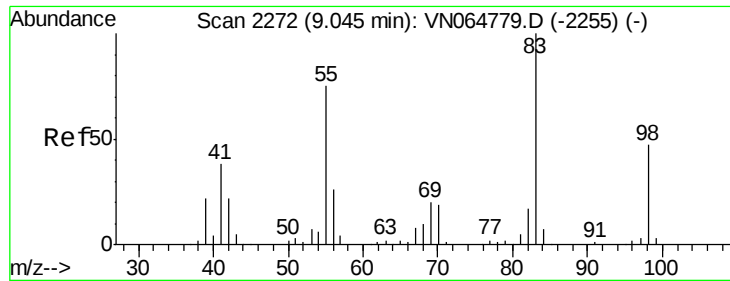
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#38
Carbon Tetrachloride
Concen: 17.386 ug/l
RT: 7.73 min Scan# 1863
Delta R.T. -0.00 min
Lab File: VN064870.D
Acq: 30 Nov 2020 14:12

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.3	76.7	115.1
121	29.5	25.4	38.2





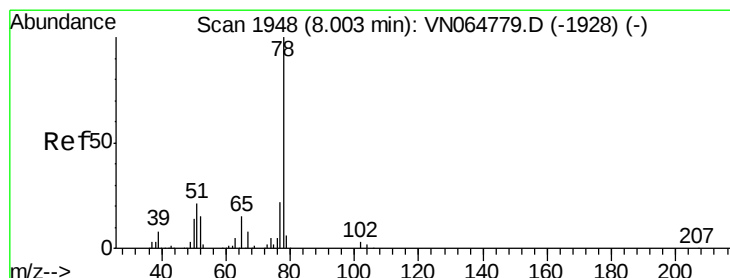
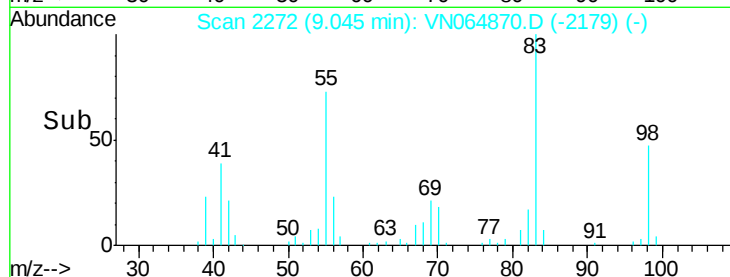
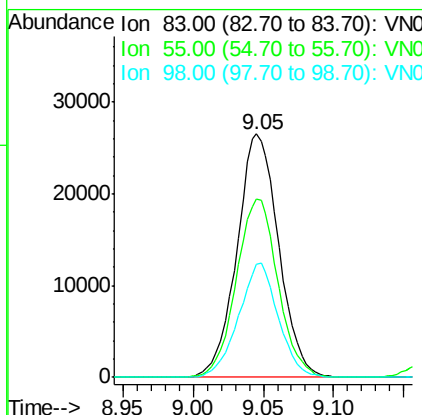
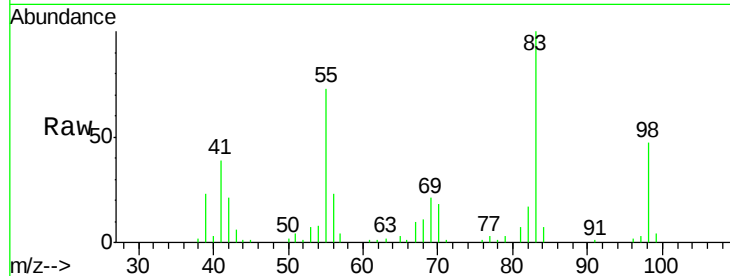
#39
Methvlcvclohexane
Concen: 17.828 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN064870.D
Acq: 30 Nov 2020 14:12

Instrument :
MSVOA_N
ClientSampleId :
VN1130WBSD01

Tot Ion	83	Resp	54963
Ion Ratio	100	Lower	Upper
83	100		
55	73.2	60.2	90.2
98	46.6	37.4	56.2

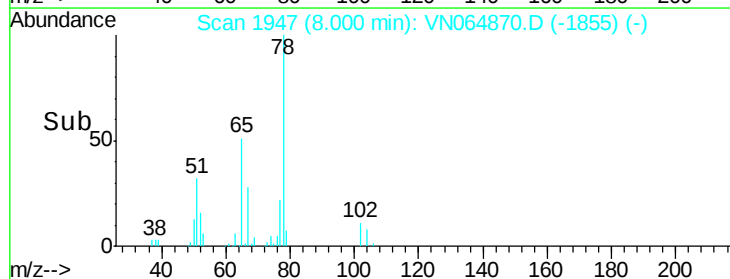
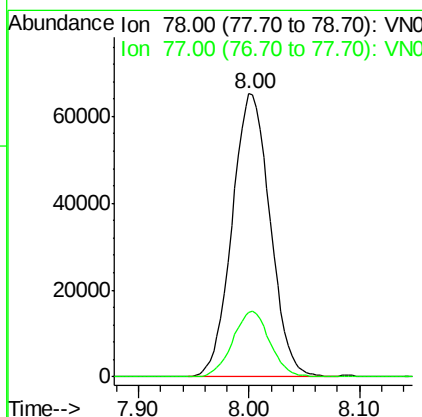
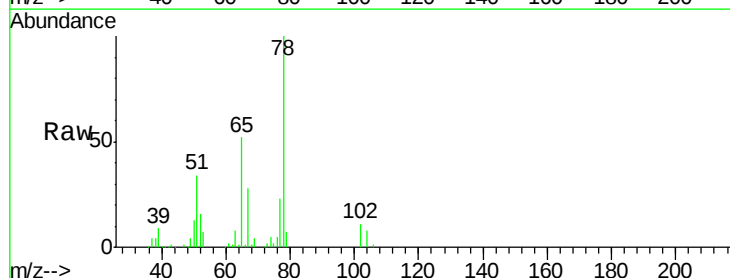
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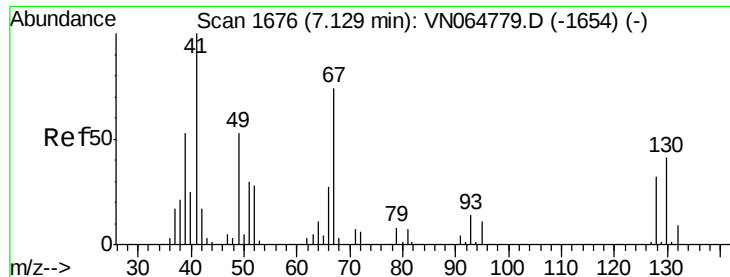
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#40
Benzene
Concen: 17.767 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN064870.D
Acq: 30 Nov 2020 14:12

Tgt Ion	78	Resp	155926
Ion Ratio	100	Lower	Upper
78	100		
77	22.7	17.9	26.9





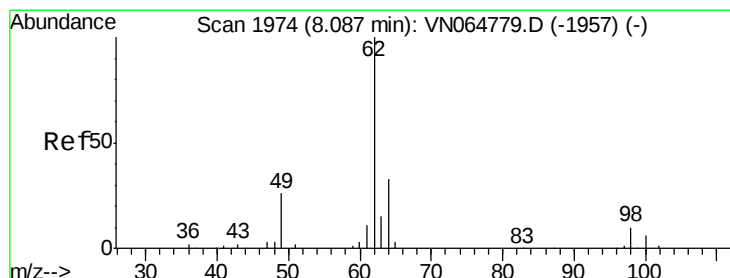
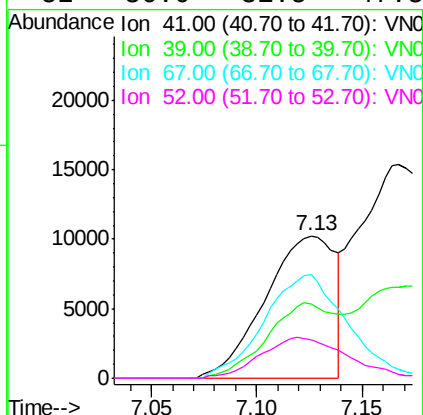
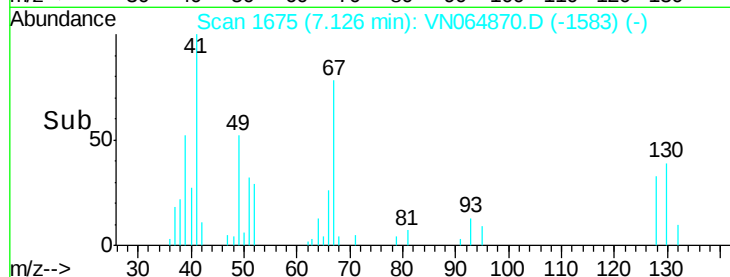
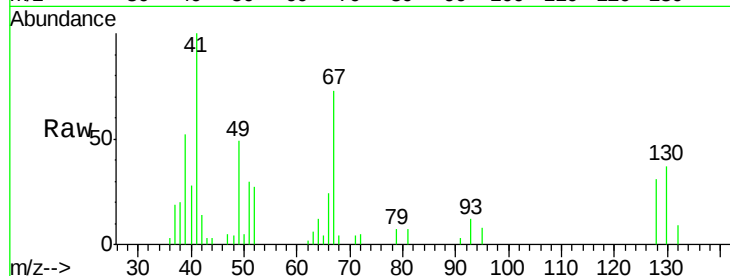
#41
Methacrylonitrile
Concen: 18.501 ug/l
RT: 7.13 min Scan# 1675
Delta R.T. -0.00 min
Lab File: VN064870.D
Acq: 30 Nov 2020 14:12

Instrument :
MSVOA_N
ClientSampleId :
VN1130WBSD01

Tot Ion:	41	Resp:	23550
Ion	Ratio	Lower	Upper
41	100		
39	54.1	51.0	76.6
67	86.8	79.8	119.8
52	36.0	31.5	47.3

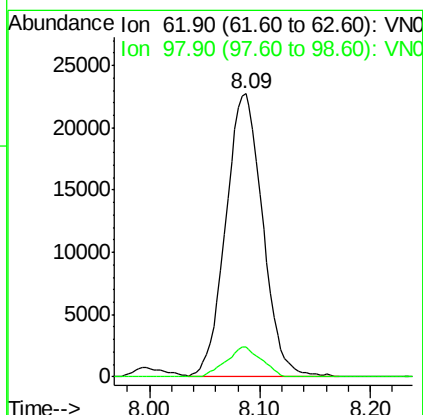
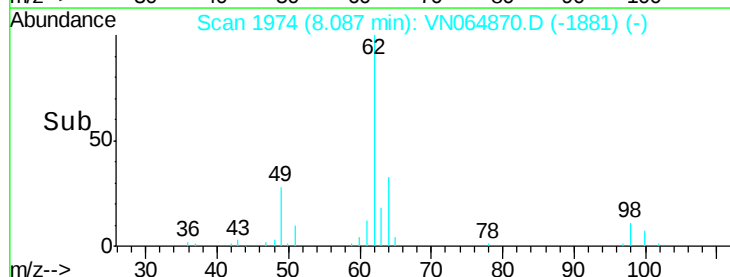
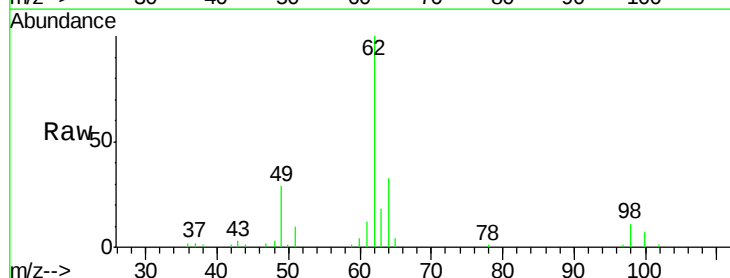
Manual Integrations
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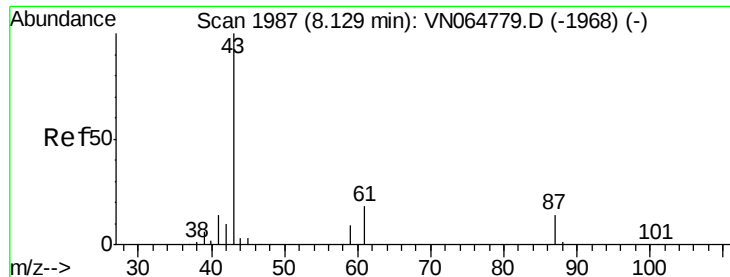
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#42
1,2-Dichloroethane
Concen: 17.863 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN064870.D
Acq: 30 Nov 2020 14:12

Tgt Ion:	62	Resp:	52884
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	19.6





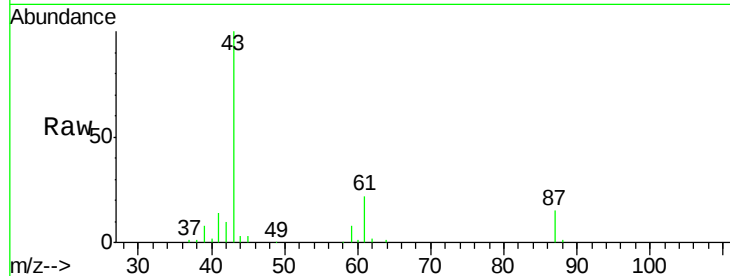
#43
Isopropyl Acetate
Concen: 17.816 ug/l
RT: 8.13 min Scan# 1987
Delta R.T. 0.00 min
Lab File: VN064870.D
Acq: 30 Nov 2020 14:12

Instrument :
MSVOA_N
ClientSampleId :
VN1130WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.9	17.2	25.8
87	14.2	11.4	17.0

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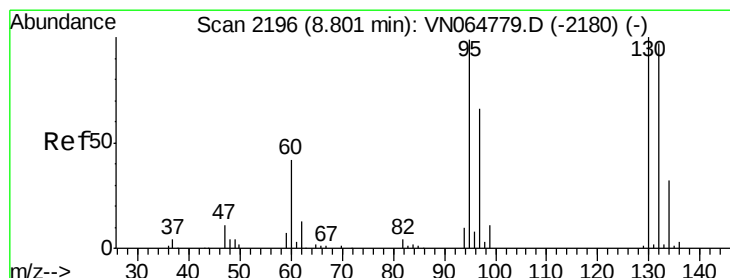
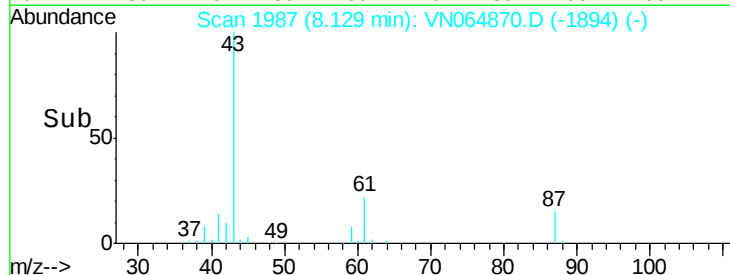
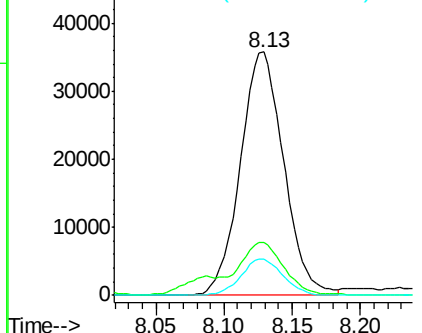
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12/1/2020 9:35:12 AM



Abundance Ion 43.00 (42.70 to 43.70): VN064870.D (-1968) (-)

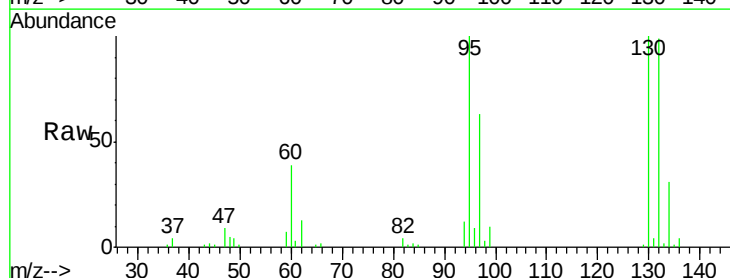
Ion 61.00 (60.70 to 61.70): VN064870.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN064870.D (-1968) (-)



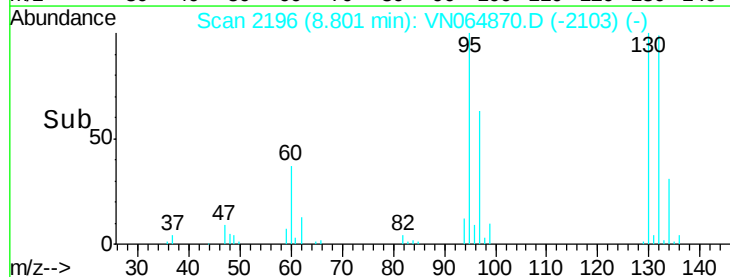
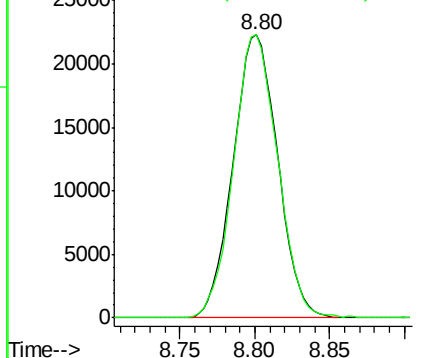
#44
Trichloroethene
Concen: 17.879 ug/l
RT: 8.80 min Scan# 2196
Delta R.T. 0.00 min
Lab File: VN064870.D
Acq: 30 Nov 2020 14:12

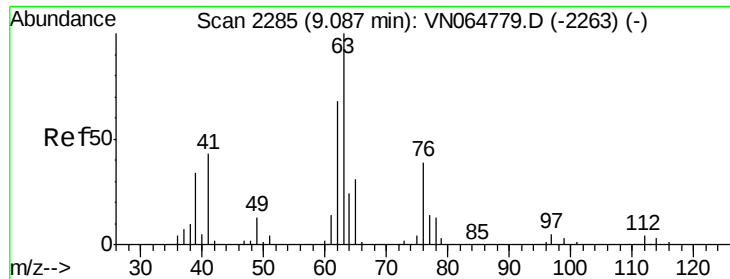
Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.9	0.0	197.8



Abundance Ion 129.80 (129.50 to 130.50): VN064870.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN064870.D (-2180) (-)





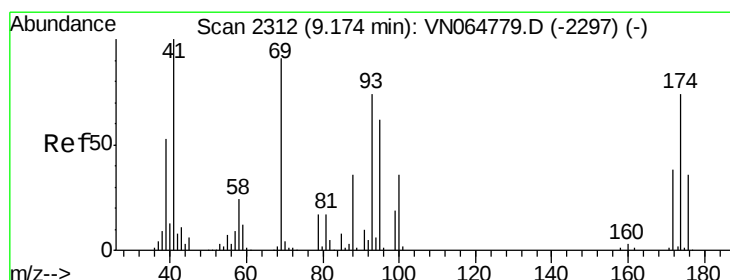
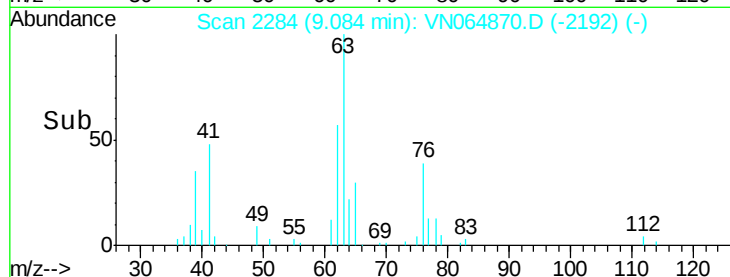
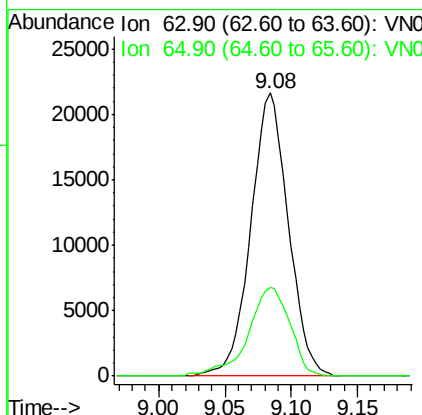
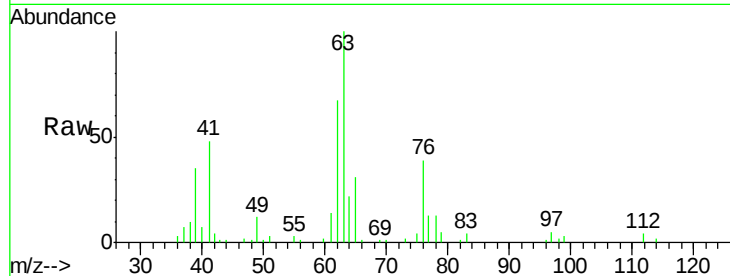
#45
 1,2-Dichloropropane
 Concen: 18.737 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN064870.D
 Acq: 30 Nov 2020 14:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1130WBSD01

Tot Ion: 63 Resp: 42583
 Ion Ratio Lower Upper
 63 100
 65 31.5 25.0 37.4

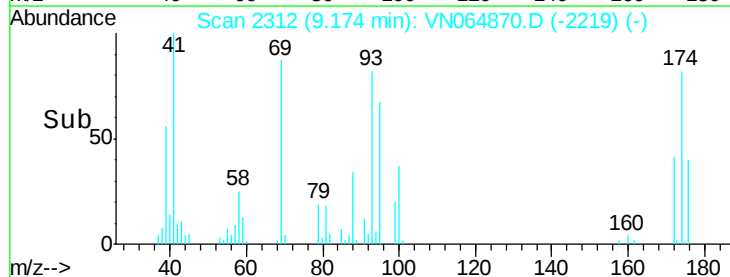
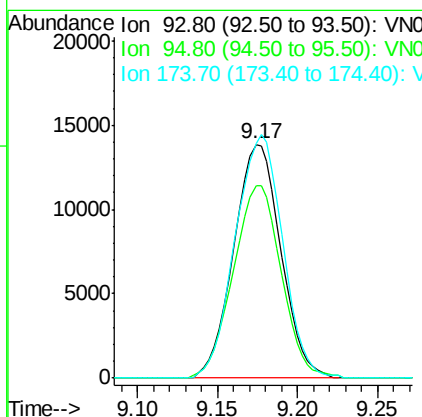
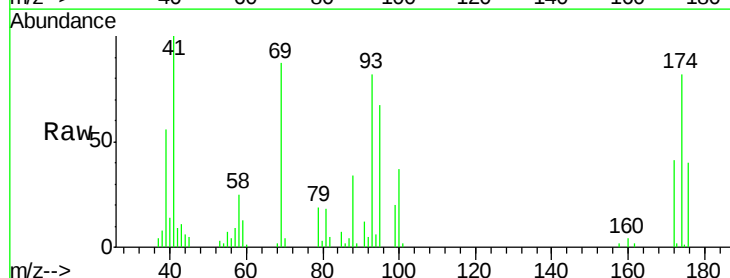
Manual Integrations
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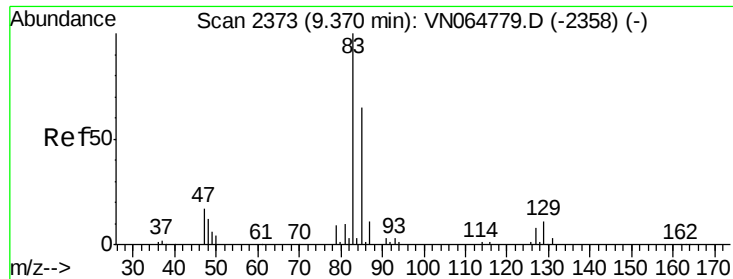
MMDadoda
 12/1/2020 9:35:12 AM



#46
 Dibromomethane
 Concen: 18.356 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN064870.D
 Acq: 30 Nov 2020 14:12

Tgt Ion: 93 Resp: 27871
 Ion Ratio Lower Upper
 93 100
 95 83.9 68.8 103.2
 174 104.9 83.1 124.7





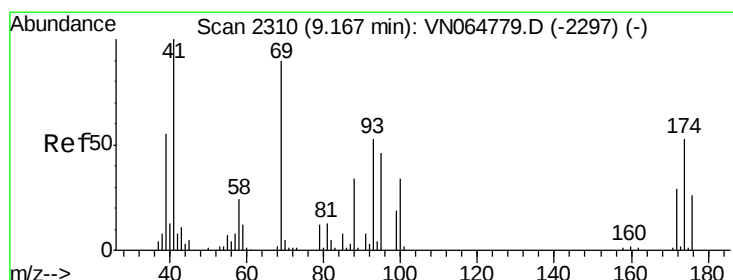
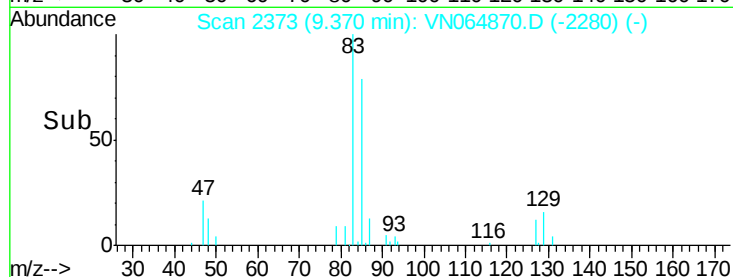
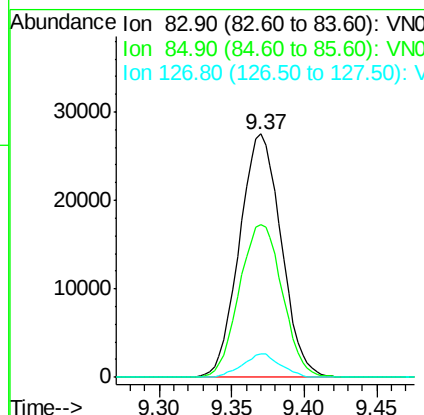
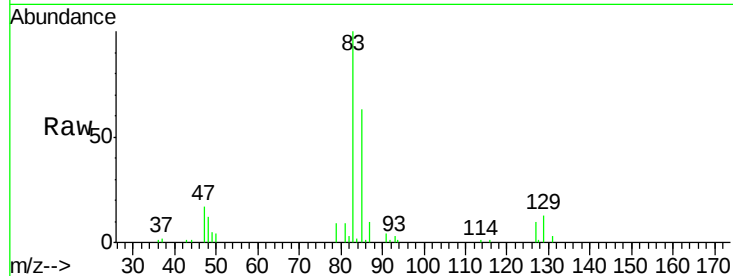
#47
Bromodichloromethane
Concen: 18.046 ug/l
RT: 9.37 min Scan# 2373
Delta R.T. 0.00 min
Lab File: VN064870.D
Acq: 30 Nov 2020 14:12

Instrument :
MSVOA_N
ClientSampleId :
VN1130WBSD01

Tot Ion	83	Resp	55133
Ion Ratio	100	Lower	Upper
83	100		
85	62.9	51.8	77.8
127	9.7	6.8	10.2

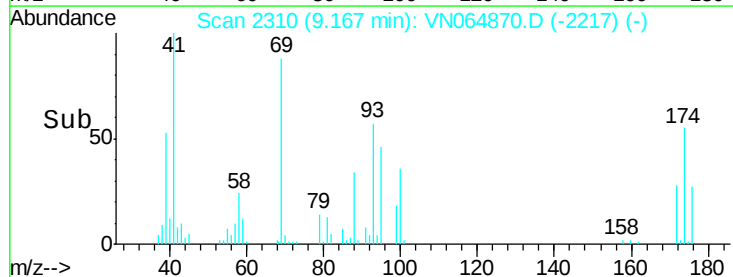
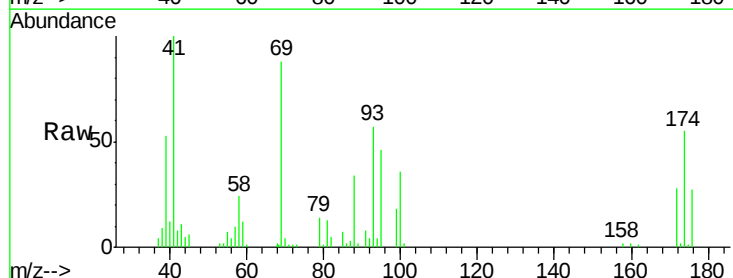
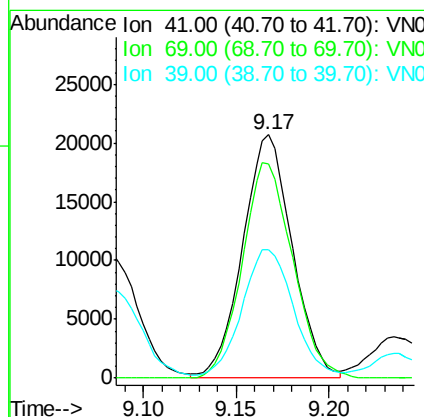
Manual Integrations
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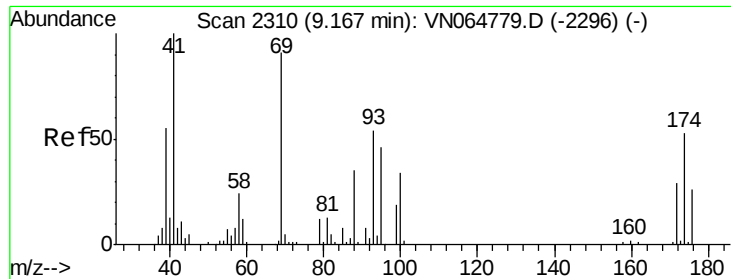
MMDadoda
12/1/2020 9:35:12 AM



#48
Methyl methacrylate
Concen: 18.159 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN064870.D
Acq: 30 Nov 2020 14:12

Tgt Ion	41	Resp	38518
Ion Ratio	100	Lower	Upper
41	100		
69	90.0	71.8	107.8
39	55.2	44.1	66.1





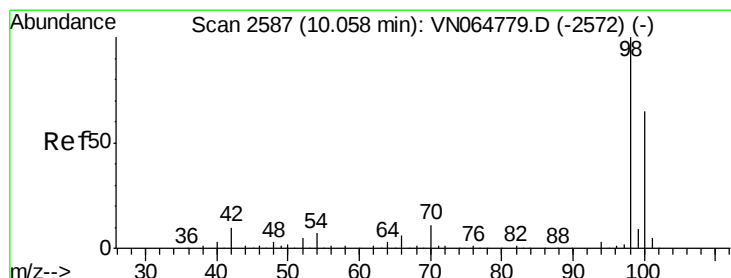
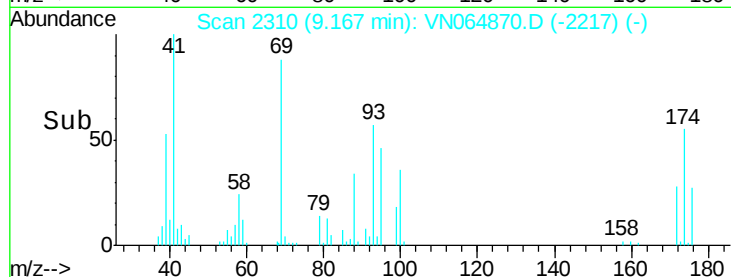
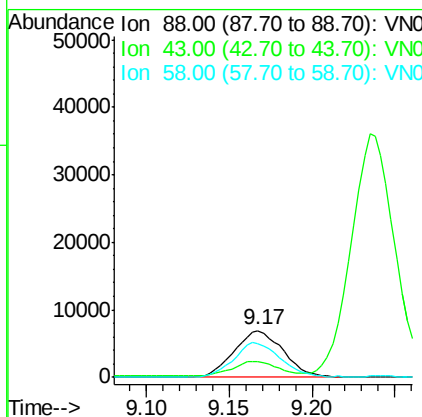
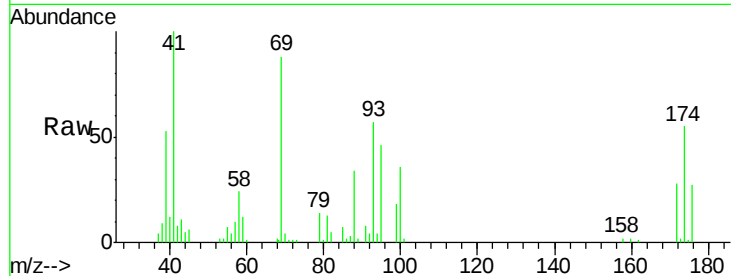
#49
1,4-Dioxane
Concen: 355.444 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN064870.D
Acq: 30 Nov 2020 14:12

Instrument :
MSVOA_N
ClientSampleId :
VN1130WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.6	24.2	36.4
58	69.9	52.5	78.7

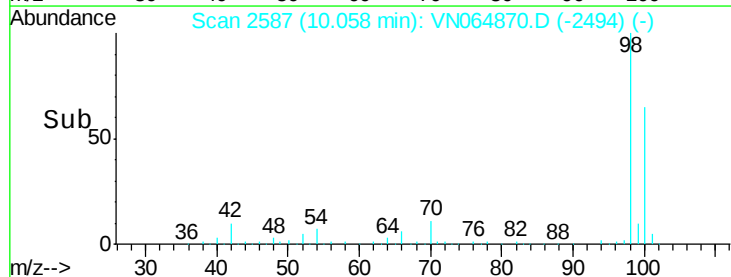
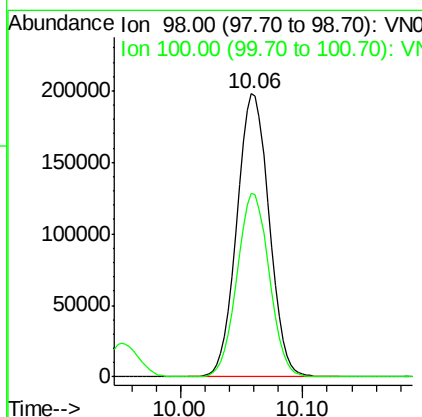
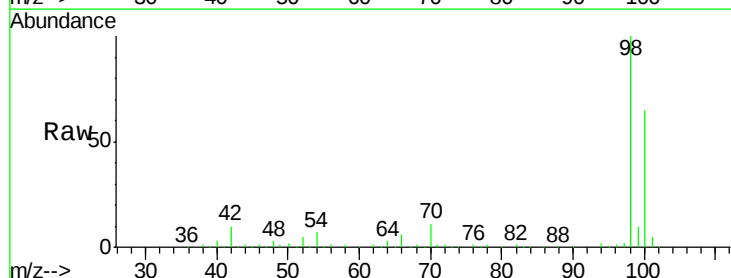
Manual Integrations
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#50
Toluene-d8
Concen: 47.964 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN064870.D
Acq: 30 Nov 2020 14:12

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.8	51.7	77.5





#51

4-Methyl-2-Pentanone

Concen: 92.709 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN064870.D

Acq: 30 Nov 2020 14:12

Instrument :

MSVOA_N

ClientSampleId :

VN1130WBSD01

Tot Ion: 43 Resp: 247071

Ion Ratio Lower Upper

43 100

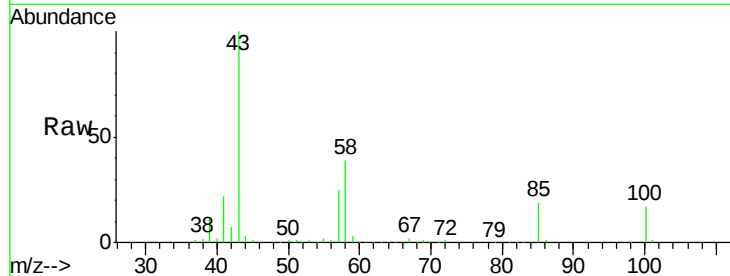
58 40.3 32.4 48.6

Manual Integrations

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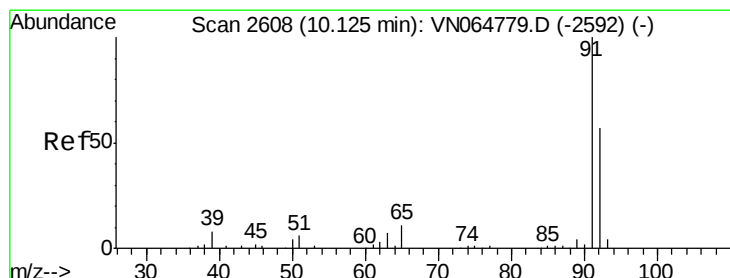
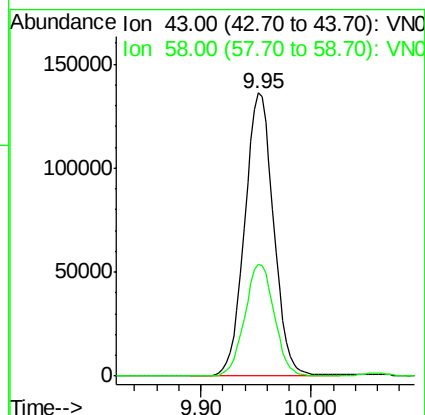
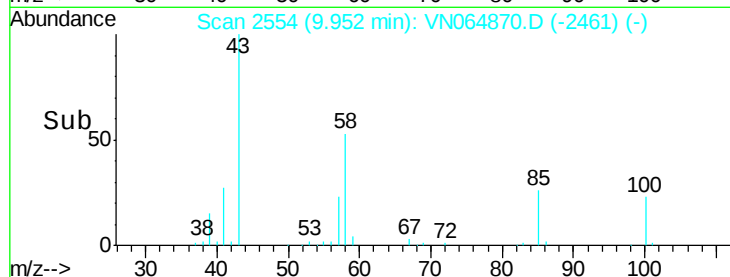
MMDadoda

12/1/2020 9:35:12 AM



Abundance Ion 43.00 (42.70 to 43.70): VN064870.D (-2461) (-)

Ion 58.00 (57.70 to 58.70): VN064870.D (-2461) (-)



#52

Toluene

Concen: 17.879 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064870.D

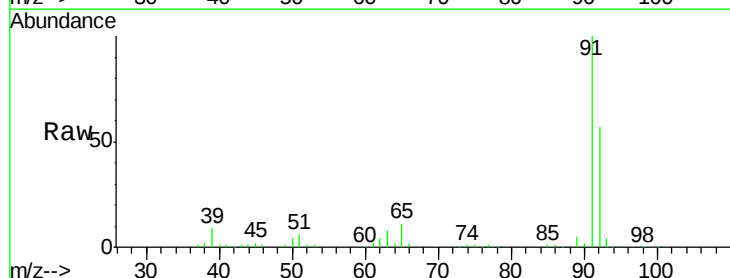
Acq: 30 Nov 2020 14:12

Tgt Ion: 92 Resp: 96629

Ion Ratio Lower Upper

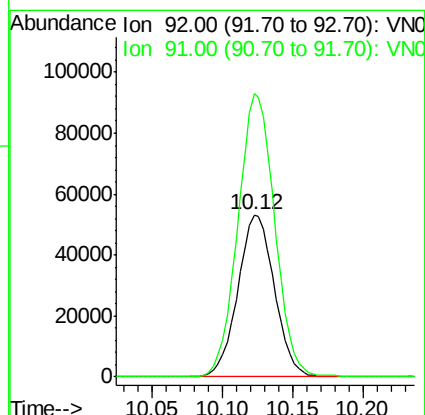
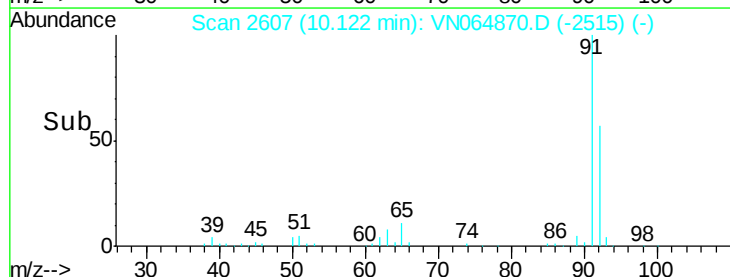
92 100

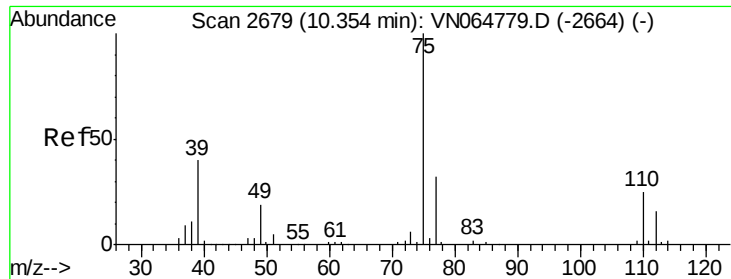
91 175.9 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VN064870.D (-2515) (-)

Ion 91.00 (90.70 to 91.70): VN064870.D (-2515) (-)





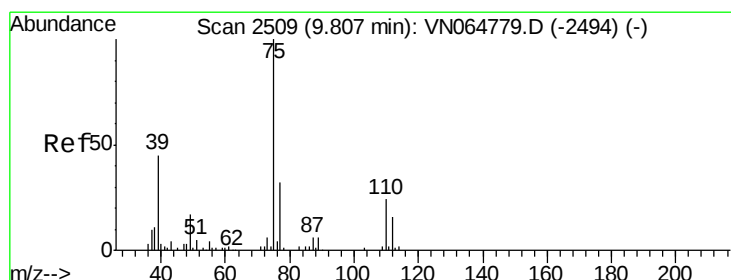
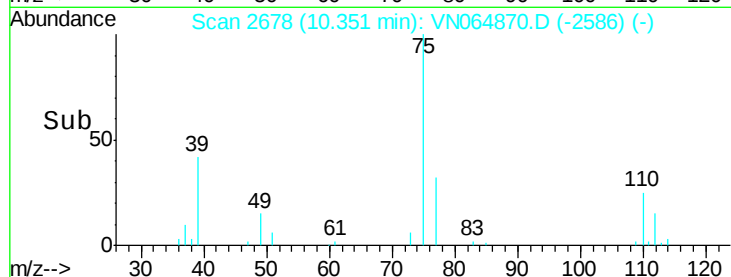
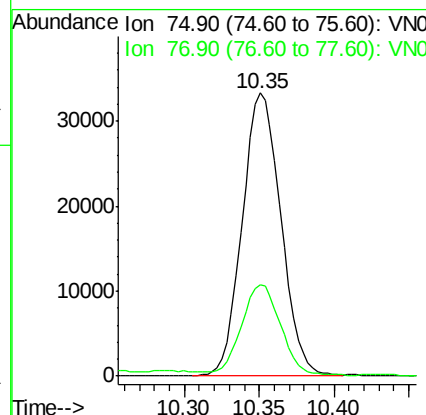
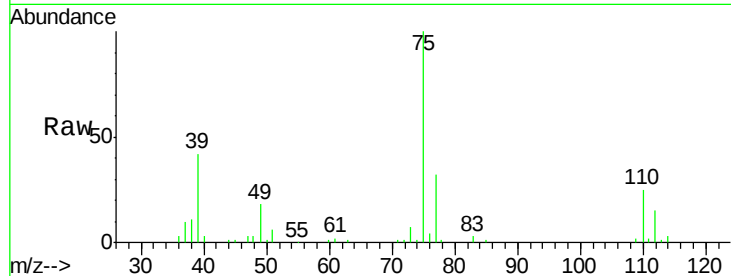
#53
t-1,3-Dichloropropene
Concen: 17.631 ug/l
RT: 10.35 min Scan# 2678
Delta R.T. -0.00 min
Lab File: VN064870.D
Acq: 30 Nov 2020 14:12

Instrument :
MSVOA_N
ClientSampleId :
VN1130WBSD01

Tot Ion: 75 Resp: 59992
Ion Ratio Lower Upper
75 100
77 31.9 25.8 38.6

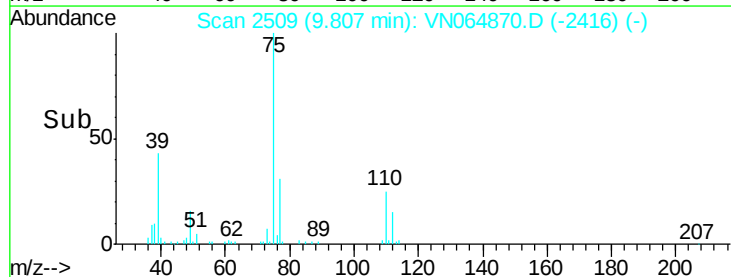
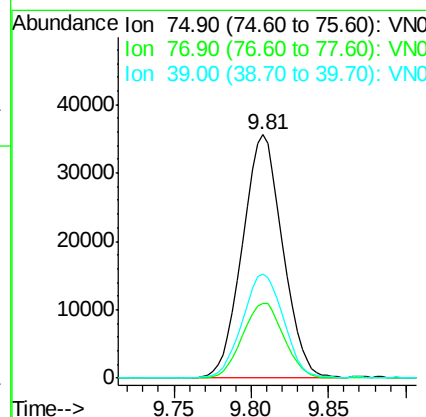
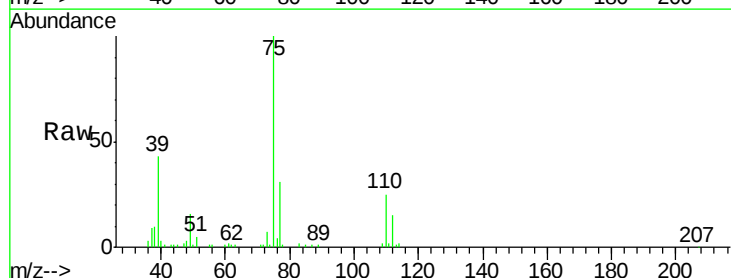
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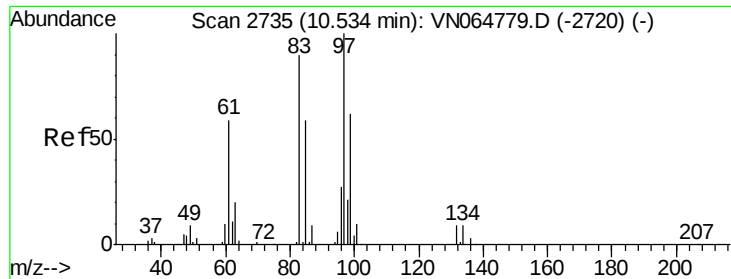
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#54
cis-1,3-Dichloropropene
Concen: 17.694 ug/l
RT: 9.81 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VN064870.D
Acq: 30 Nov 2020 14:12

Tgt Ion: 75 Resp: 64536
Ion Ratio Lower Upper
75 100
77 30.9 25.5 38.3
39 42.9 35.6 53.4





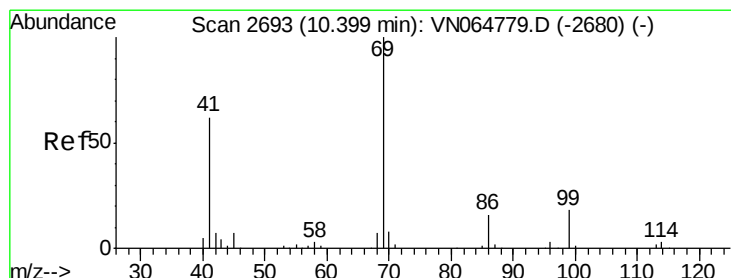
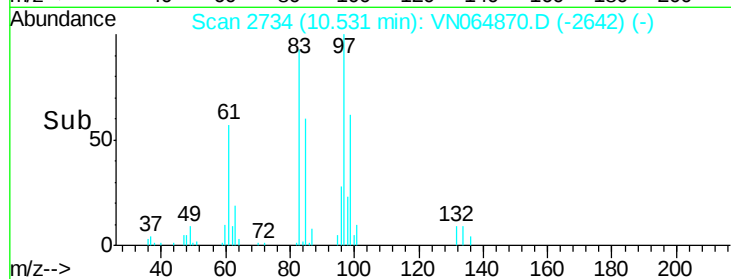
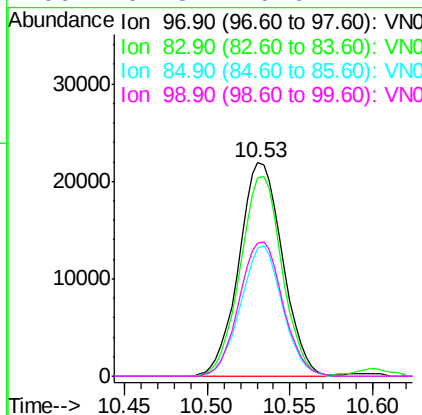
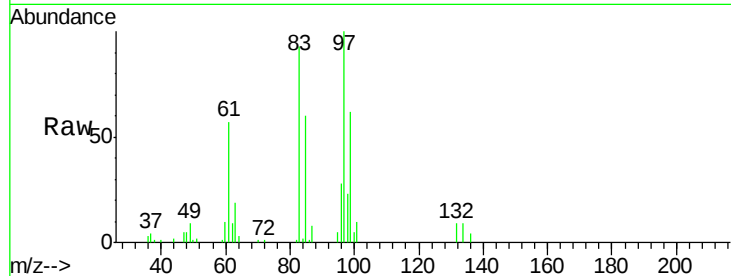
#55
 1,1,2-Trichloroethane
 Concen: 18.103 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN064870.D
 Acq: 30 Nov 2020 14:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1130WBSD01

Tot Ion:	97	Resp:	40234
Ion	Ratio	Lower	Upper
97	100		
83	92.7	72.1	108.1
85	60.1	46.8	70.2
99	62.3	49.6	74.4

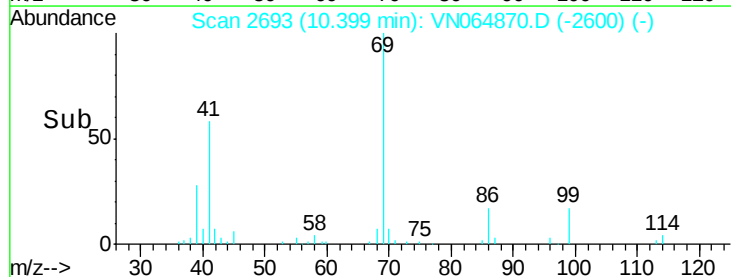
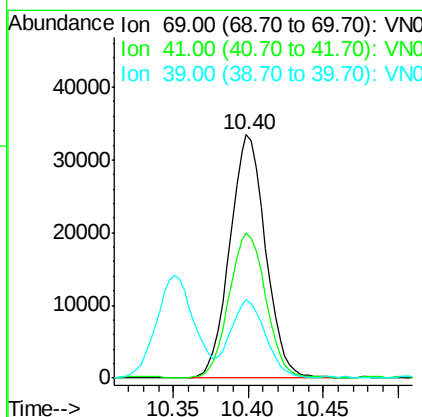
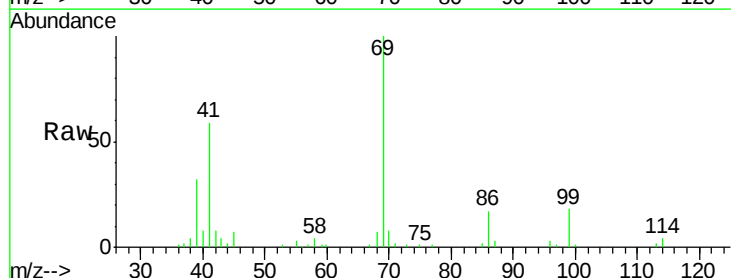
Manual Integrations
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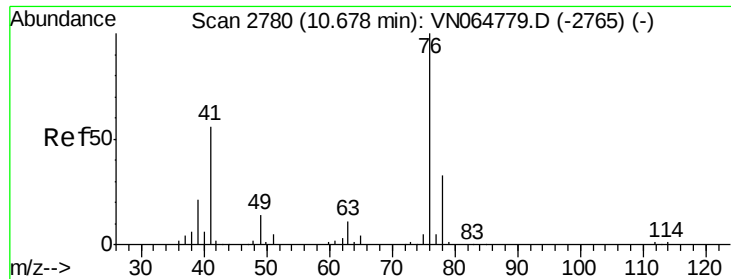
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 12/1/2020 9:35:12 AM



#56
 Ethyl methacrylate
 Concen: 18.168 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN064870.D
 Acq: 30 Nov 2020 14:12

Tgt Ion:	69	Resp:	55719
Ion	Ratio	Lower	Upper
69	100		
41	61.7	49.4	74.0
39	32.1	25.9	38.9





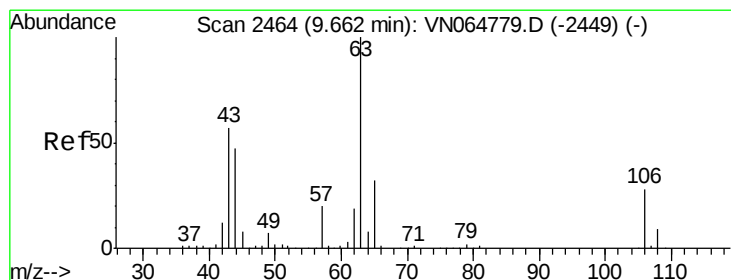
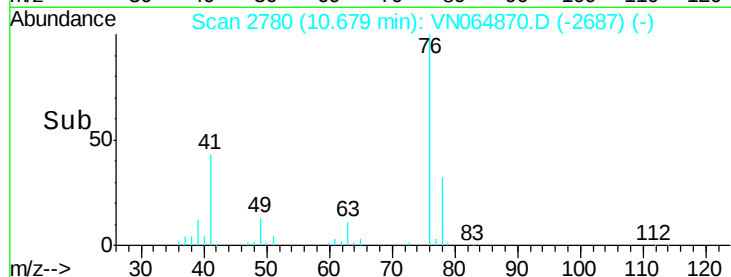
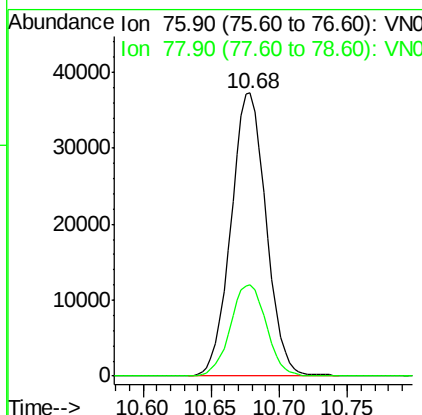
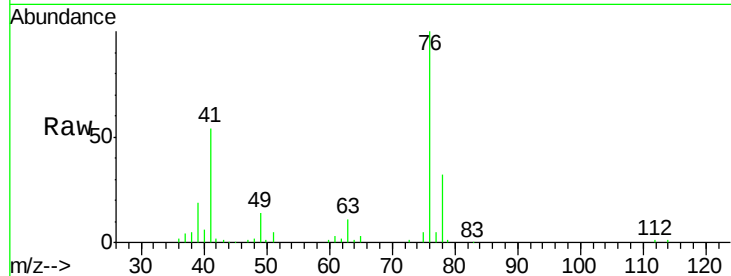
#57
 1,3-Dichloropropane
 Concen: 18.158 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. 0.00 min
 Lab File: VN064870.D
 Acq: 30 Nov 2020 14:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1130WBSD01

Tot Ion: 76 Resp: 66570
 Ion Ratio Lower Upper
 76 100
 78 32.9 26.1 39.1

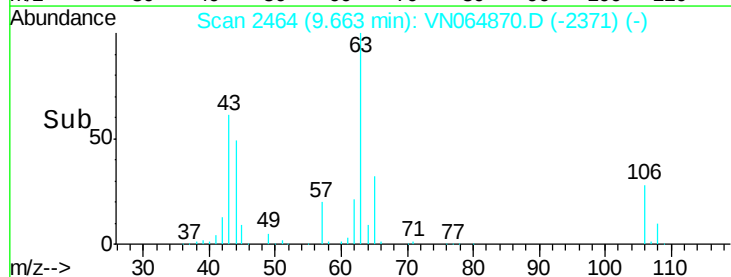
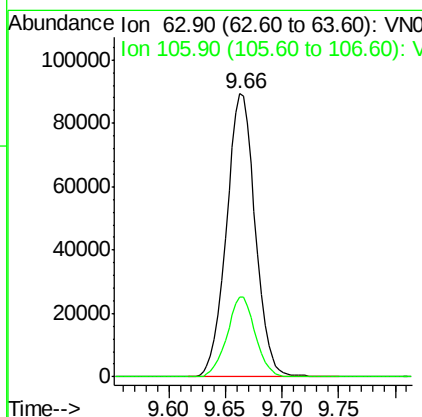
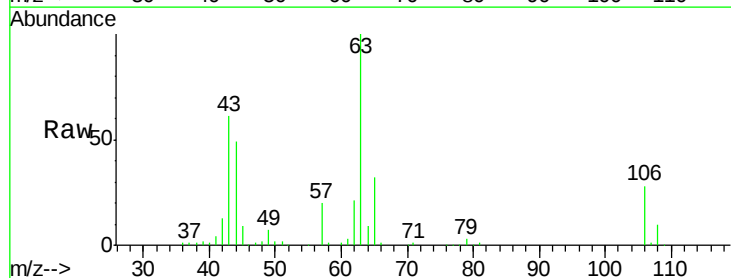
Manual Integrations
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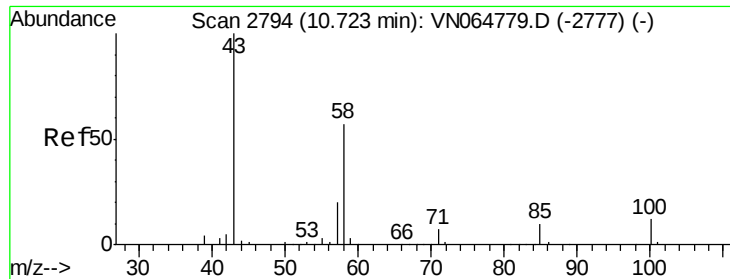
MMDadoda
 12/1/2020 9:35:12 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 93.655 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN064870.D
 Acq: 30 Nov 2020 14:12

Tgt Ion: 63 Resp: 157997
 Ion Ratio Lower Upper
 63 100
 106 27.6 22.7 34.1





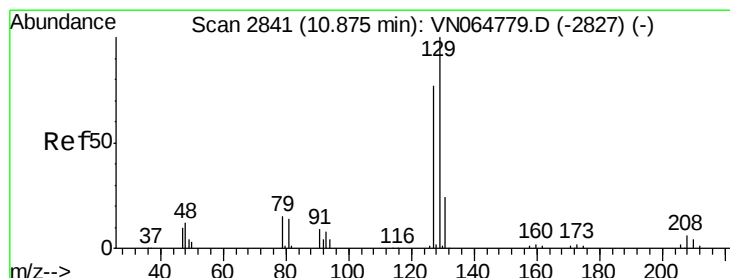
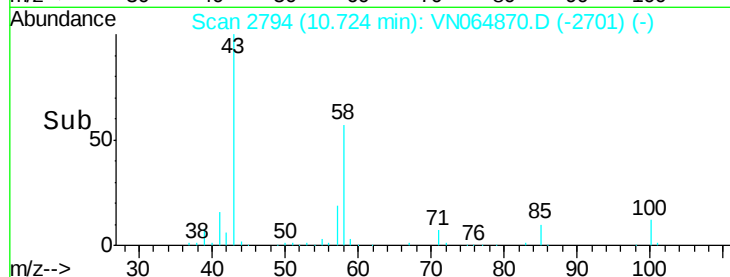
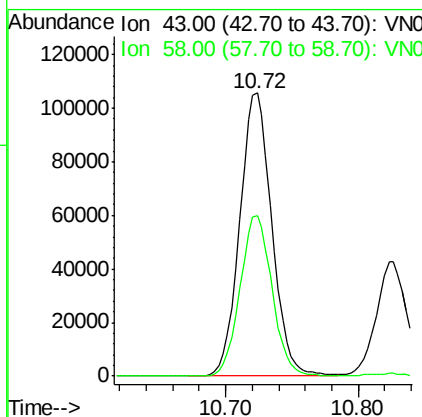
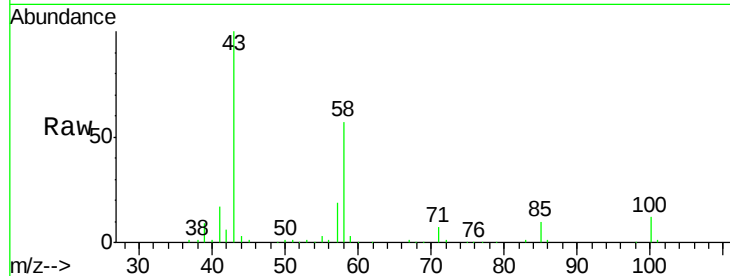
#59
2-Hexanone
Concen: 92.647 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN064870.D
Acq: 30 Nov 2020 14:12

Instrument :
MSVOA_N
ClientSampleId :
VN1130WBSD01

Tot Ion: 43 Resp: 177695
Ion Ratio Lower Upper
43 100
58 56.5 28.3 84.9

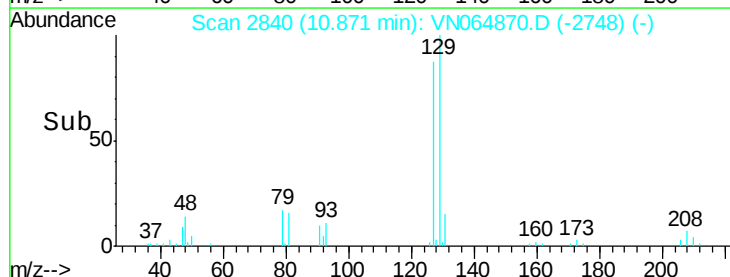
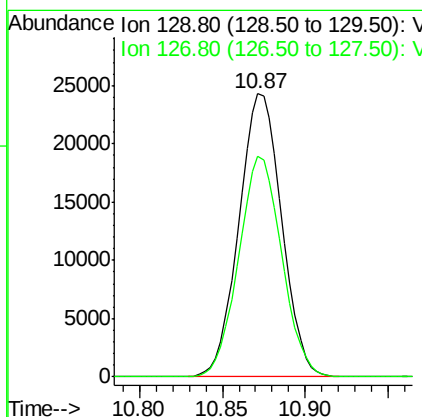
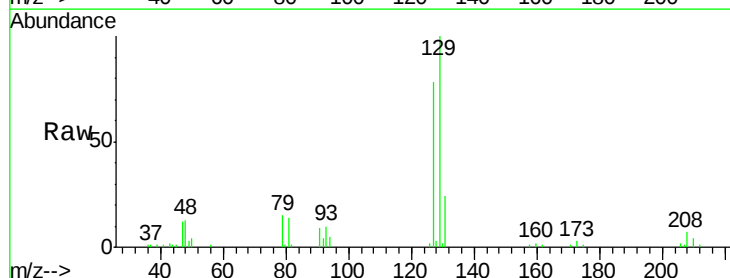
Manual Integrations
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12/1/2020 9:35:12 AM



#60
Dibromochloromethane
Concen: 17.674 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064870.D
Acq: 30 Nov 2020 14:12

Tgt Ion: 129 Resp: 43663
Ion Ratio Lower Upper
129 100
127 78.4 39.1 117.2





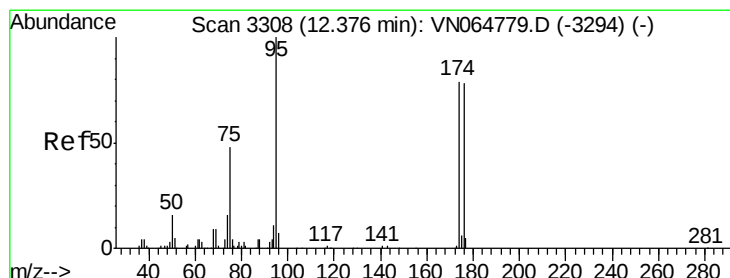
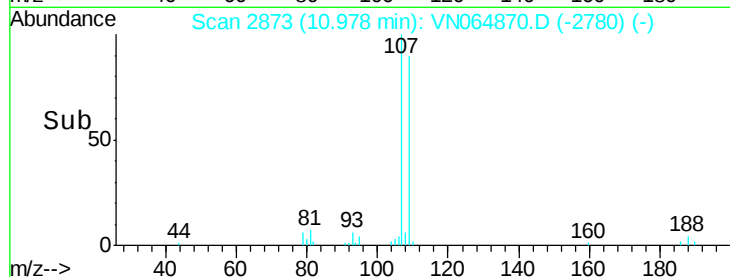
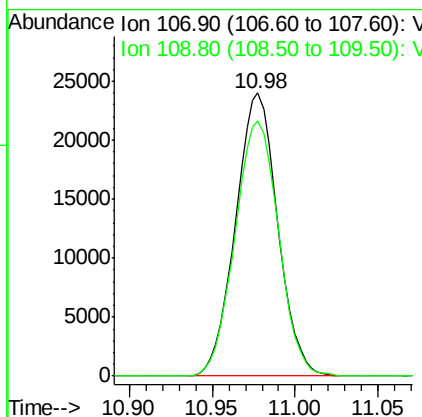
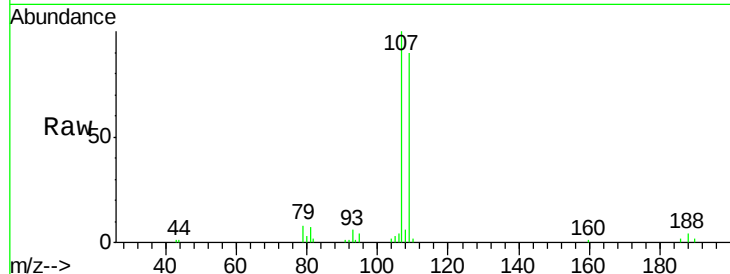
#61
 1,2-Dibromoethane
 Concen: 18.794 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN064870.D
 Acq: 30 Nov 2020 14:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1130WBSD01

Tot Ion: 107 Resp: 42436
 Ion Ratio Lower Upper
 107 100
 109 93.6 76.0 114.0

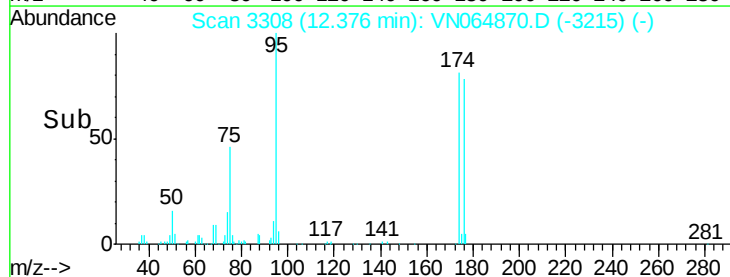
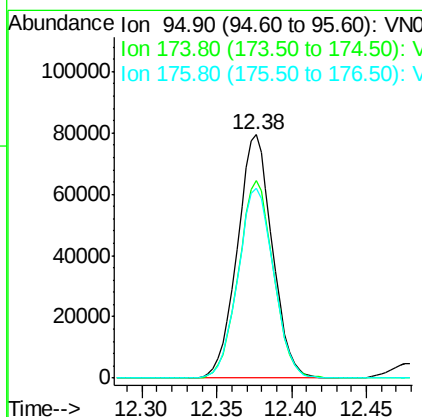
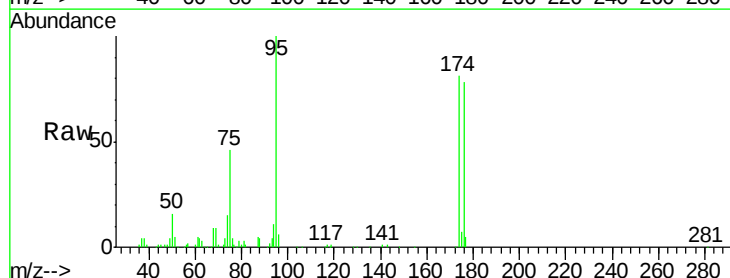
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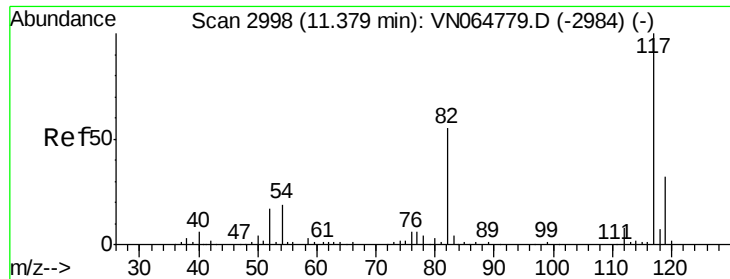
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#62
 4-Bromofluorobenzene
 Concen: 47.718 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: VN064870.D
 Acq: 30 Nov 2020 14:12

Tgt Ion: 95 Resp: 129005
 Ion Ratio Lower Upper
 95 100
 174 81.1 0.0 160.4
 176 79.6 0.0 158.4





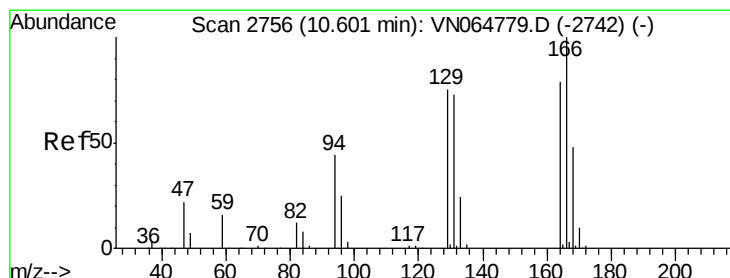
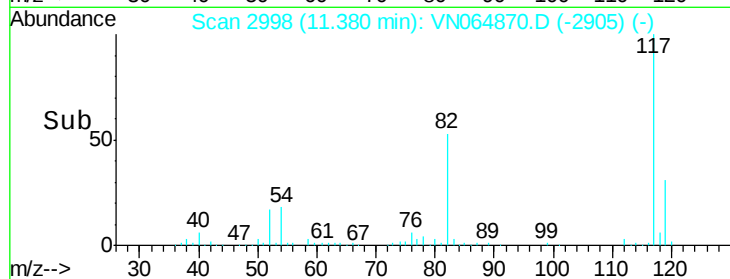
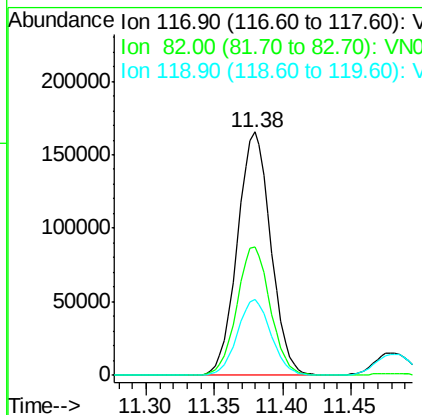
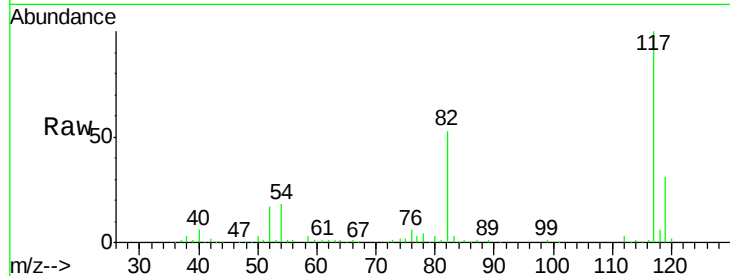
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064870.D
Acq: 30 Nov 2020 14:12

Instrument :
MSVOA_N
ClientSampleId :
VN1130WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.8	44.2	66.2
119	31.0	25.8	38.6

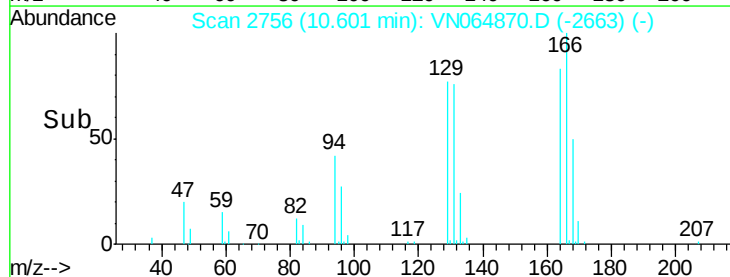
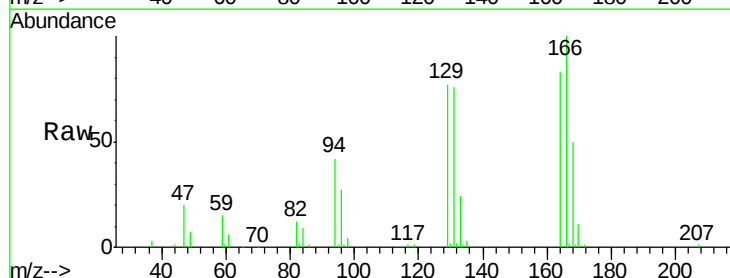
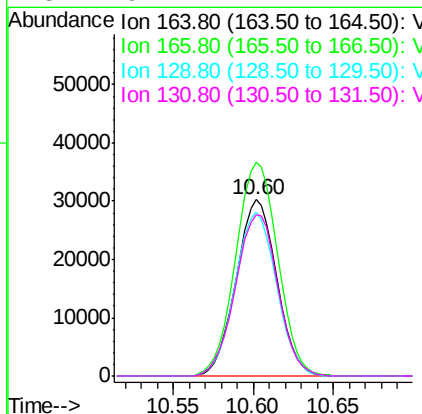
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#64
Tetrachloroethene
Concen: 19.114 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN064870.D
Acq: 30 Nov 2020 14:12

Tgt Ion	Ratio	Lower	Upper
164	100		
166	121.1	101.4	152.0
129	92.8	76.1	114.1
131	91.7	74.2	111.2





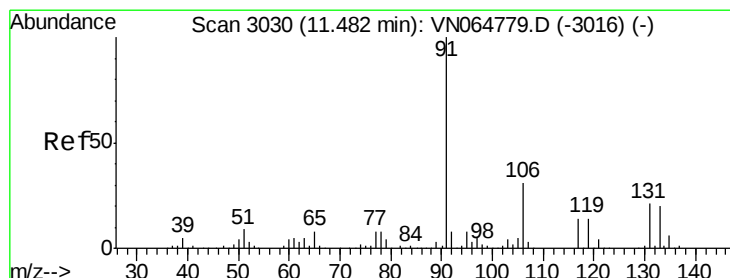
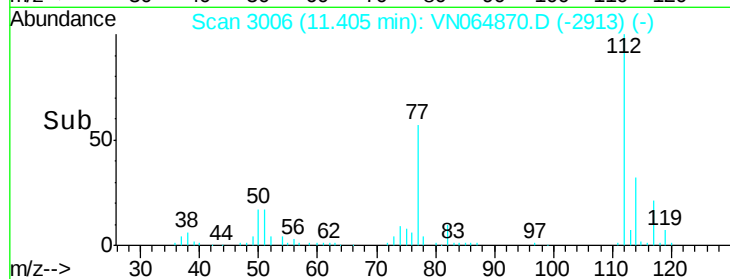
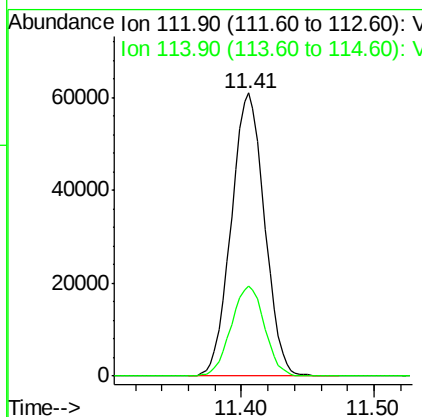
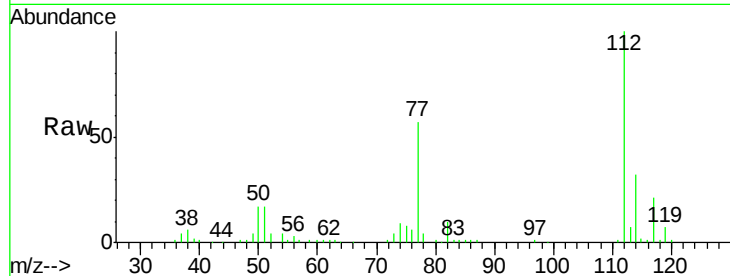
#65
Chlorobenzene
Concen: 17.562 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN064870.D
Acq: 30 Nov 2020 14:12

Instrument :
MSVOA_N
ClientSampleId :
VN1130WBSD01

Tot Ion:112 Resp: 106240
Ion Ratio Lower Upper
112 100
114 31.7 25.1 37.7

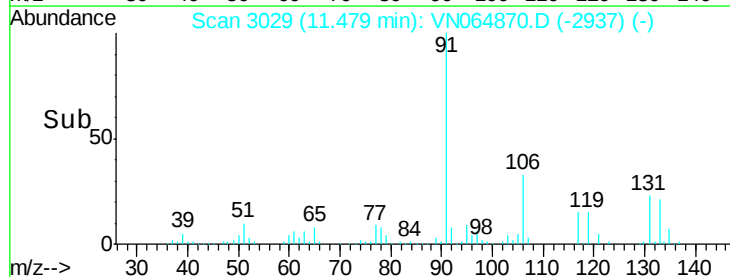
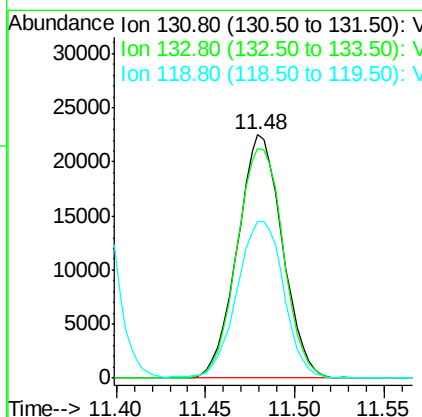
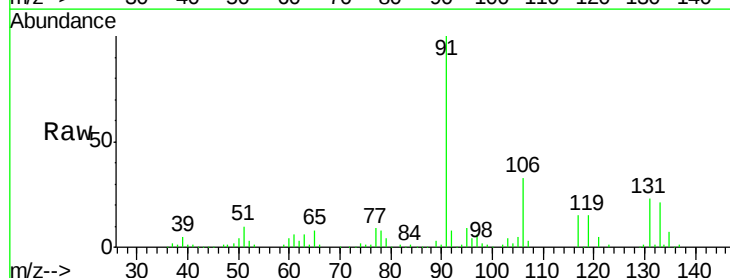
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#66
1,1,1,2-Tetrachloroethane
Concen: 17.733 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN064870.D
Acq: 30 Nov 2020 14:12

Tgt Ion:131 Resp: 39425
Ion Ratio Lower Upper
131 100
133 97.2 47.5 142.5
119 67.3 33.3 99.8





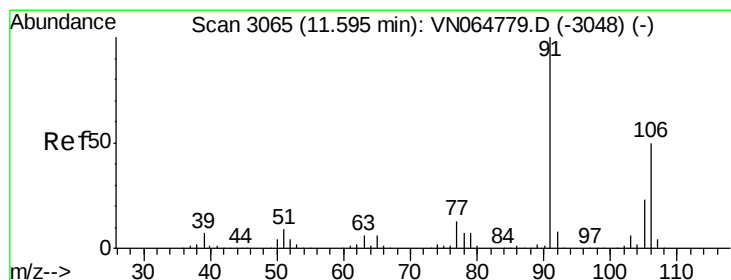
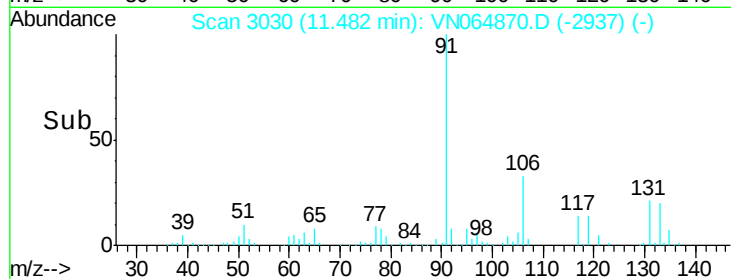
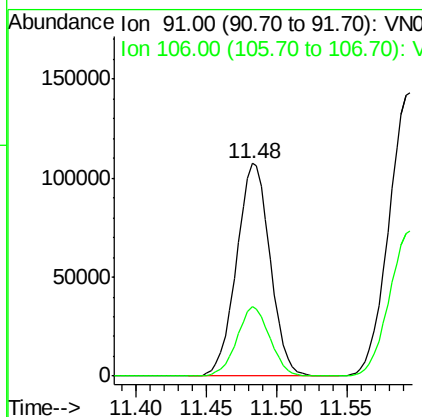
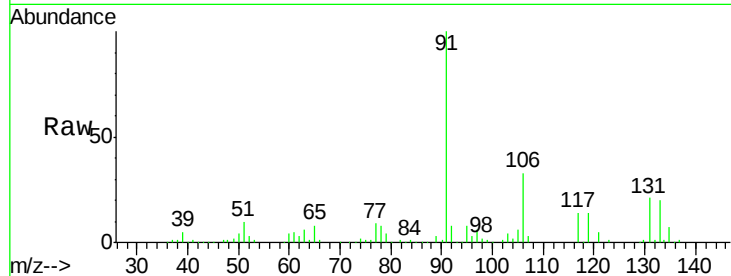
#67
Ethyl Benzene
Concen: 17.749 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064870.D
Acq: 30 Nov 2020 14:12

Instrument :
MSVOA_N
ClientSampleId :
VN1130WBSD01

Tot Ion: 91 Resp: 179377
Ion Ratio Lower Upper
91 100
106 32.8 25.2 37.8

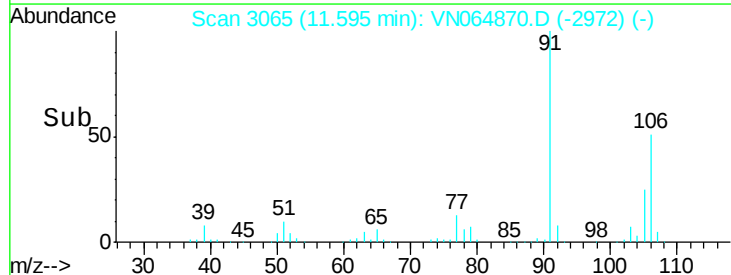
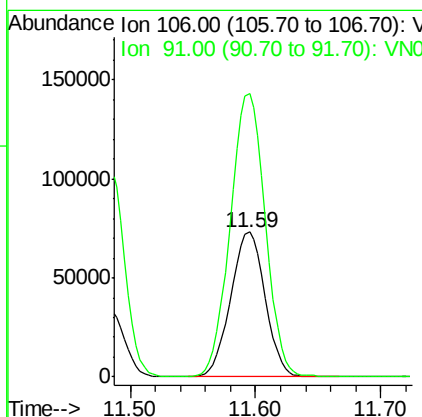
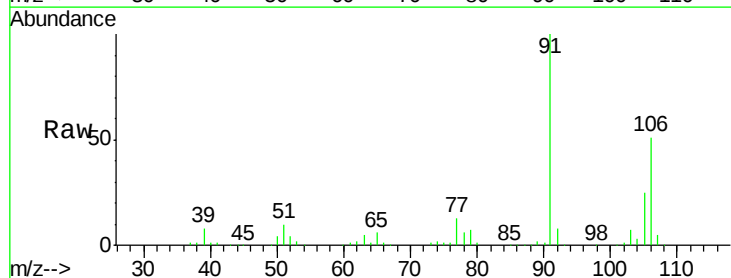
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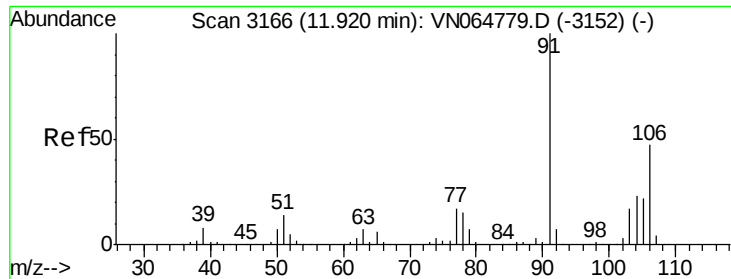
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#68
m/p-Xylenes
Concen: 36.429 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN064870.D
Acq: 30 Nov 2020 14:12

Tgt Ion: 106 Resp: 139385
Ion Ratio Lower Upper
106 100
91 198.6 161.0 241.4





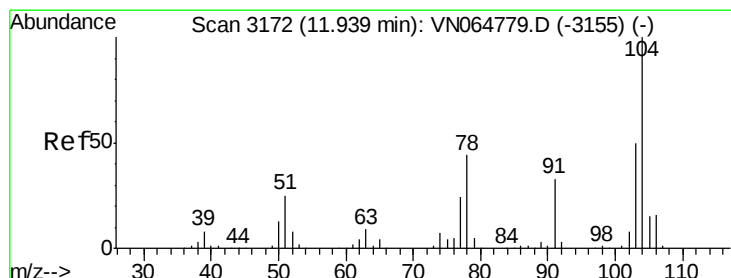
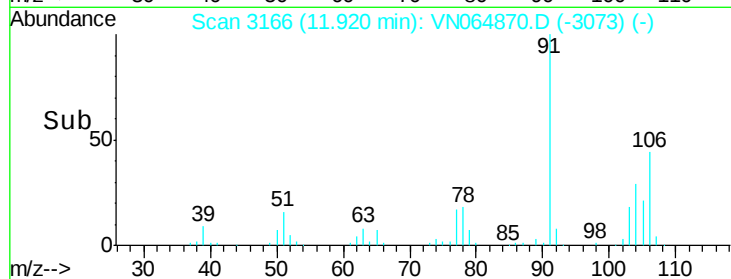
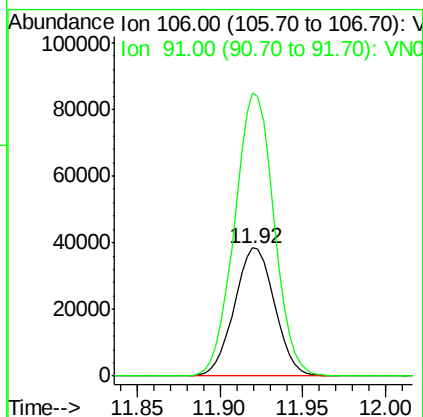
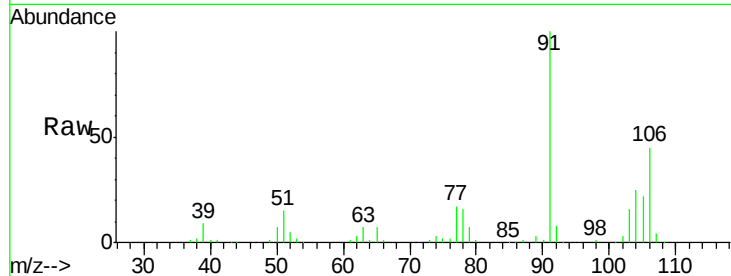
#69
o-Xylene
Concen: 17.891 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN064870.D
Acq: 30 Nov 2020 14:12

Instrument :
MSVOA_N
ClientSampleId :
VN1130WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	217.2	105.5	316.5	

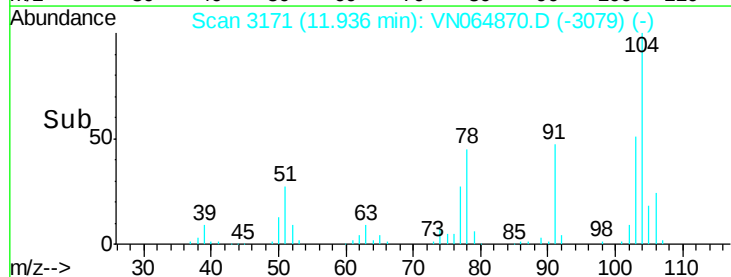
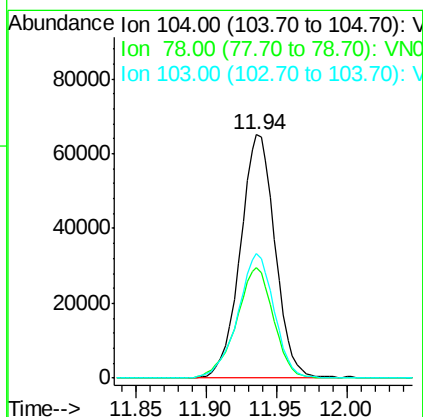
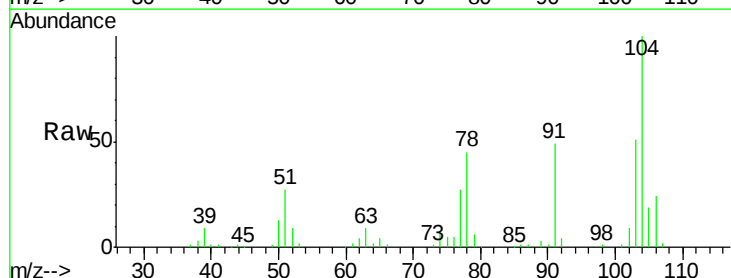
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#70
Styrene
Concen: 18.323 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN064870.D
Acq: 30 Nov 2020 14:12

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	48.4	39.0	58.6	
103	53.4	44.3	66.5	





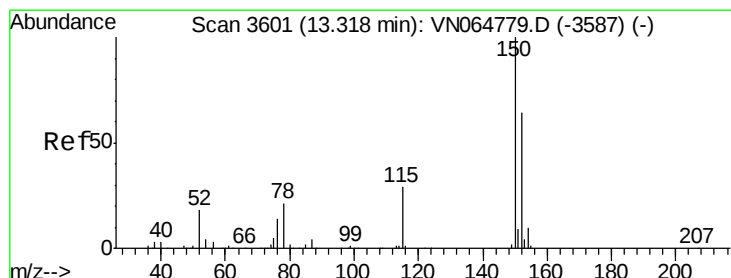
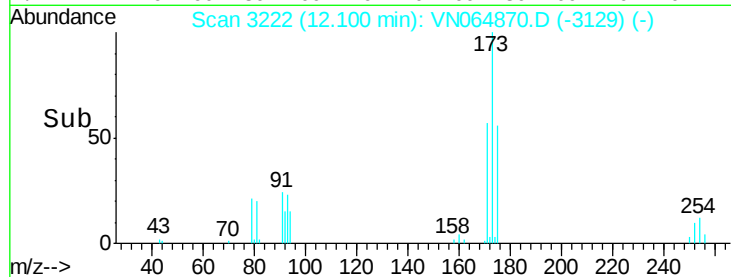
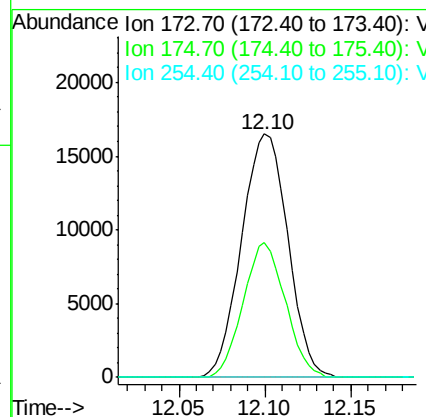
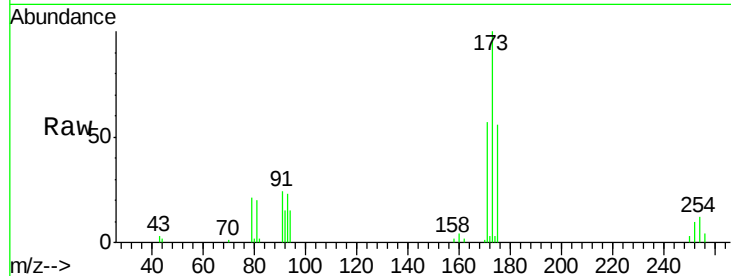
#71
Bromoform
Concen: 17.349 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN064870.D
Acq: 30 Nov 2020 14:12

Instrument :
MSVOA_N
ClientSampleId :
VN1130WBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	50.2	24.3	72.8
254	0.0	0.0	0.0

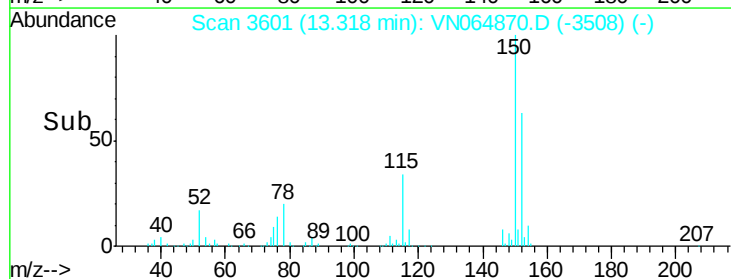
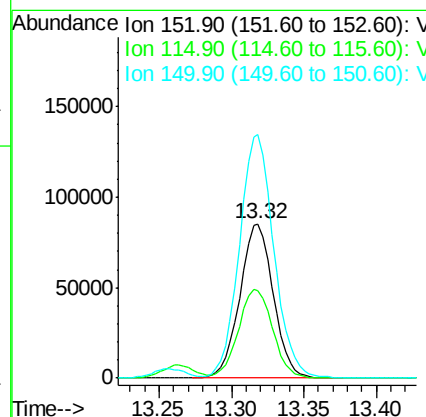
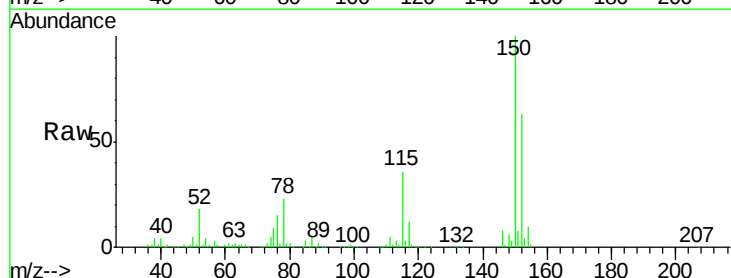
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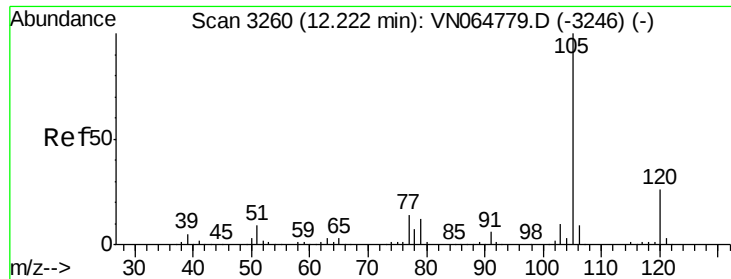
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064870.D
Acq: 30 Nov 2020 14:12

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.1	29.7	89.1
150	162.5	0.0	350.6





#73

Isopropylbenzene

Concen: 18.479 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064870.D

Acq: 30 Nov 2020 14:12

Instrument :

MSVOA_N

ClientSampleId :

VN1130WBSD01

Tot Ion:105 Resp: 175607

Ion Ratio Lower Upper

105 100

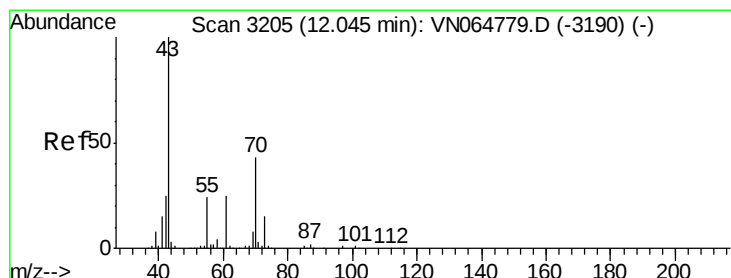
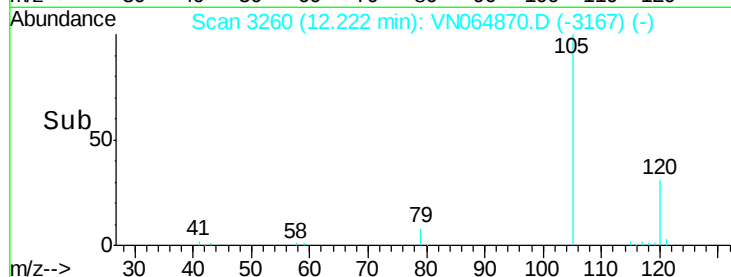
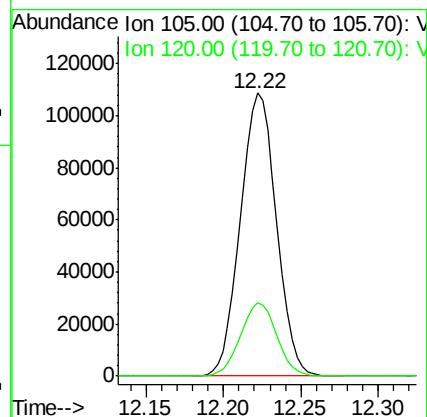
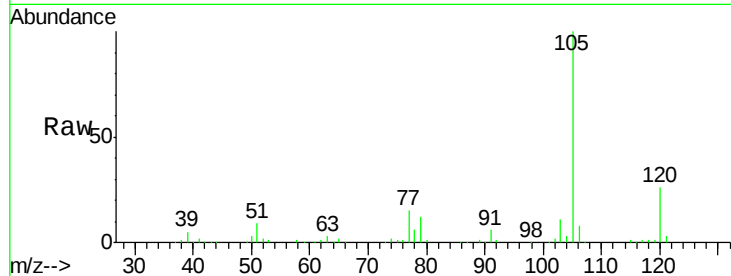
120 26.1 13.3 39.9

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#74

N-ethyl acetate

Concen: 17.630 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VN064870.D

Acq: 30 Nov 2020 14:12

Tgt Ion: 43 Resp: 65933

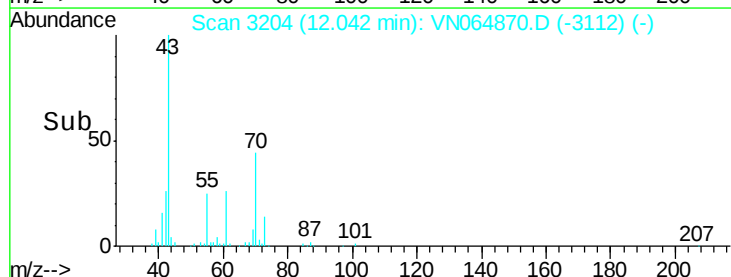
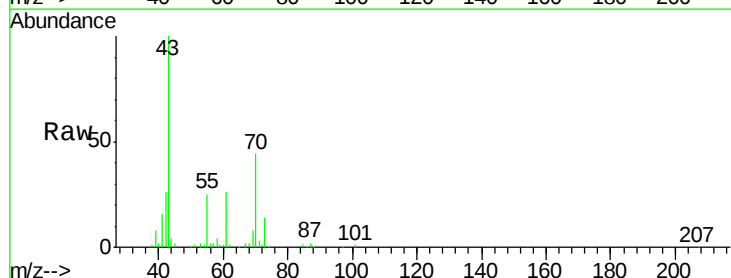
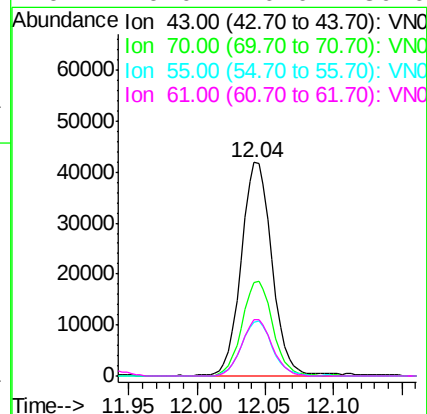
Ion Ratio Lower Upper

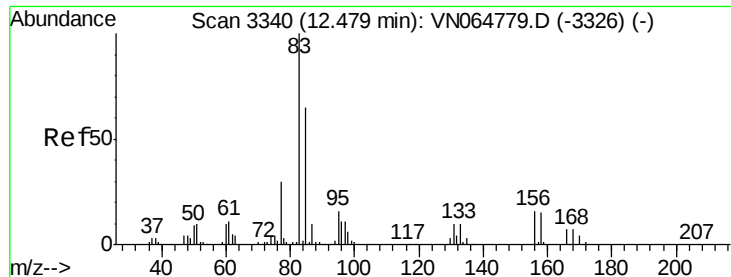
43 100

70 43.9 34.5 51.7

55 25.5 20.4 30.6

61 26.0 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 17.193 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN064870.D

Acq: 30 Nov 2020 14:12

Instrument :

MSVOA_N

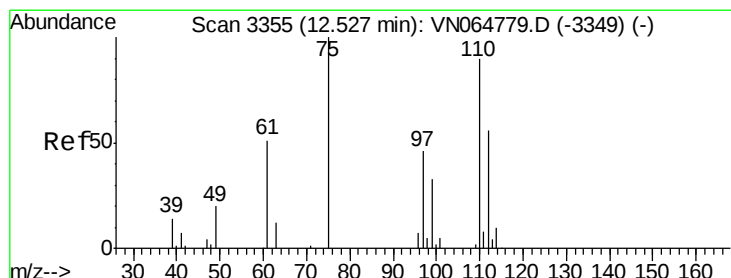
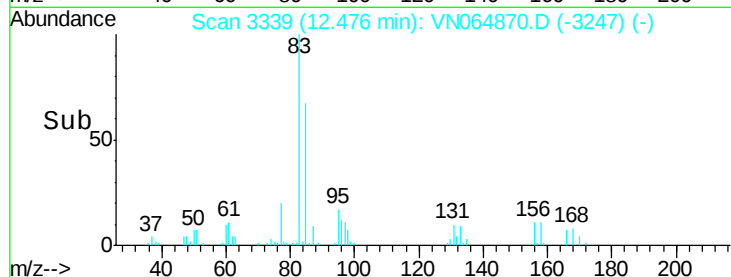
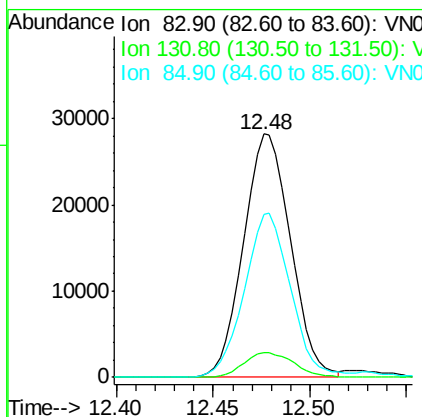
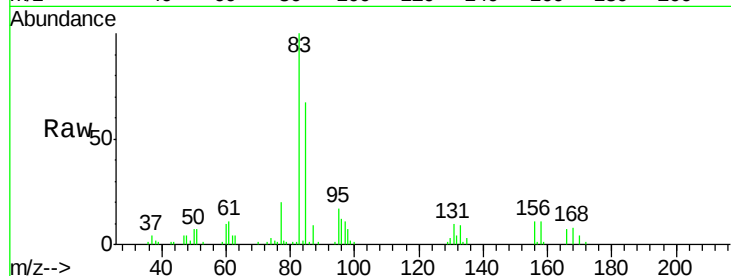
ClientSampleId :

VN1130WBSD01

Tot Ion:	83	Resp:	47887
Ion Ratio	Lower	Upper	
83	100		
131	10.8	5.1	15.3
85	66.2	33.0	99.0

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#76

1,2,3-Trichloropropane

Concen: 18.455 ug/l m

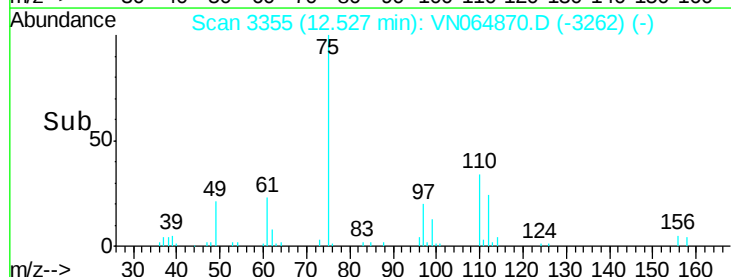
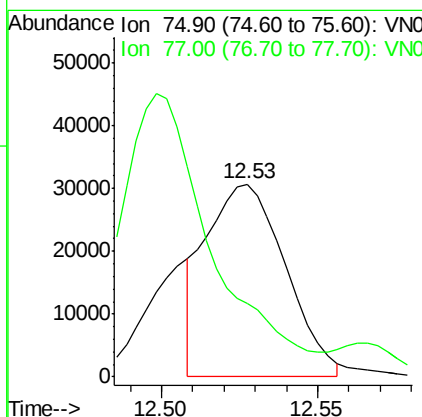
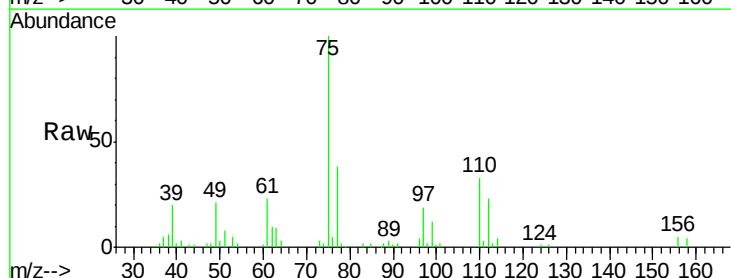
RT: 12.53 min Scan# 3355

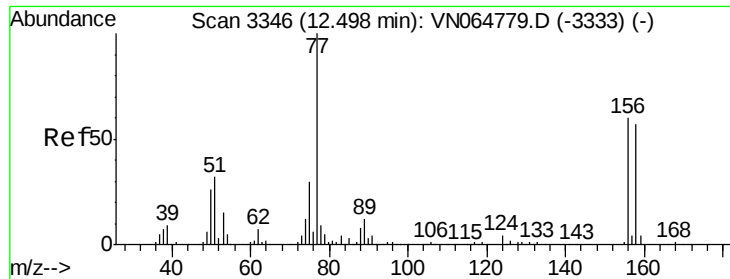
Delta R.T. 0.00 min

Lab File: VN064870.D

Acq: 30 Nov 2020 14:12

Tgt Ion:	75	Resp:	54300
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 17.971 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. 0.00 min

Lab File: VN064870.D

Acq: 30 Nov 2020 14:12

Instrument :

MSVOA_N

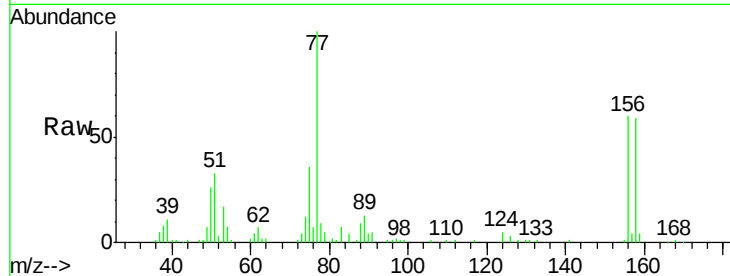
ClientSampleId :

VN1130WBSD01

Tot Ion:	156	Resp:	46041
Ion	Ratio	Lower	Upper
156	100		
77	201.7	101.3	303.7
158	96.5	48.2	144.6

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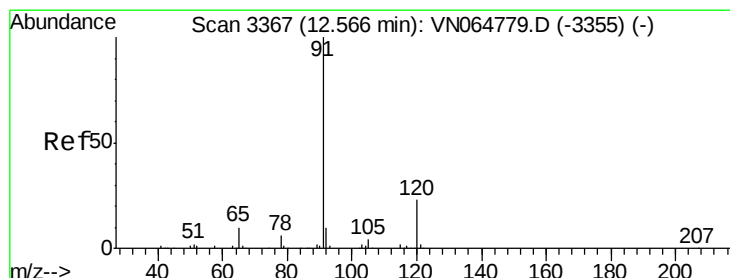
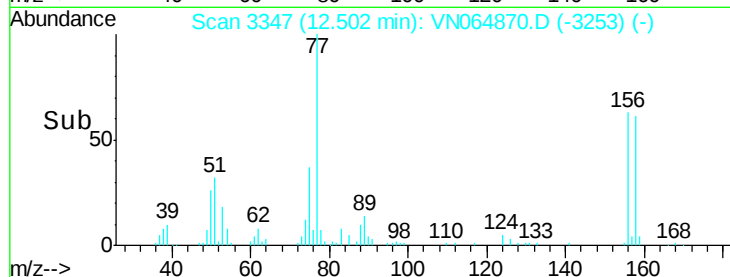
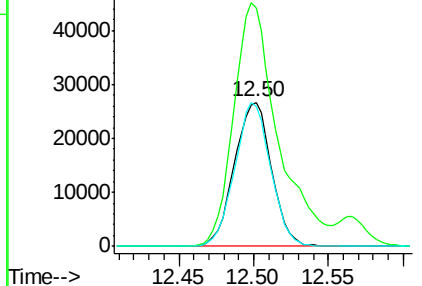
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.359 ug/l

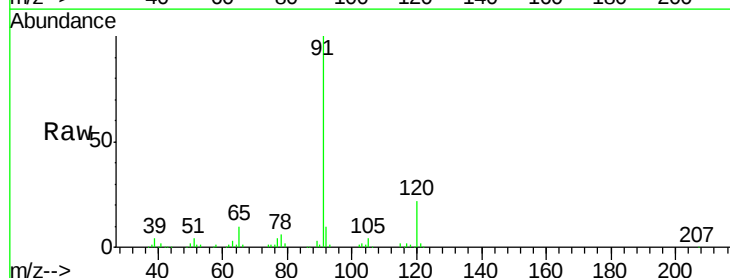
RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064870.D

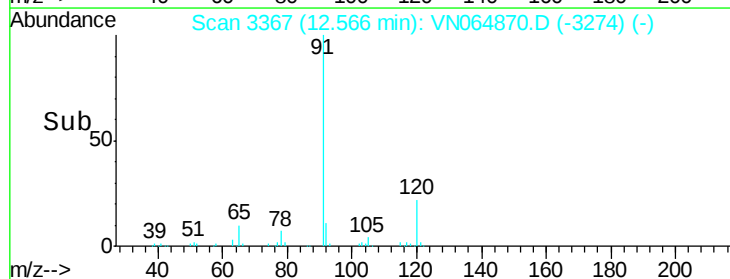
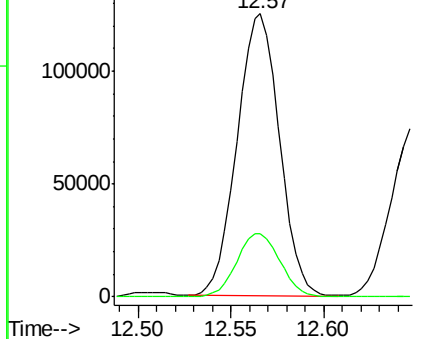
Acq: 30 Nov 2020 14:12

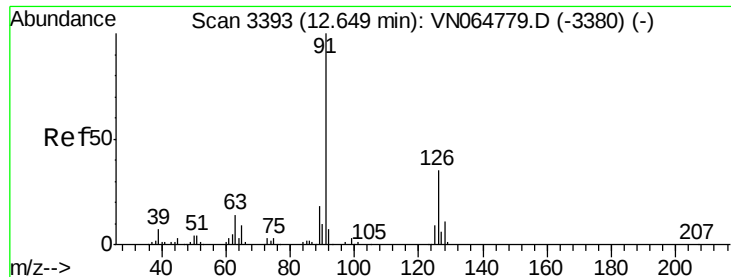
Tgt Ion:	91	Resp:	198753
Ion	Ratio	Lower	Upper
91	100		
120	23.0	11.6	34.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.301 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN064870.D

Acq: 30 Nov 2020 14:12

Instrument :

MSVOA_N

ClientSampleId :

VN1130WBSD01

Tot Ion: 91 Resp: 122468

Ion Ratio Lower Upper

91 100

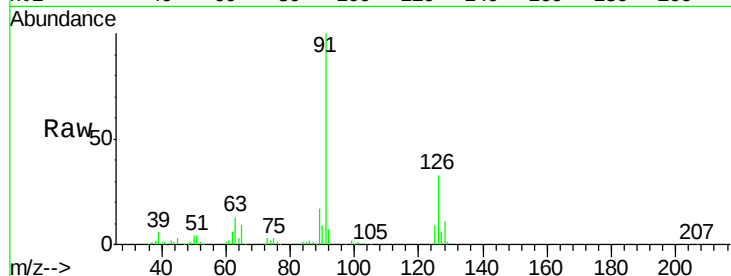
126 34.0 17.2 51.6

Manual Integrations

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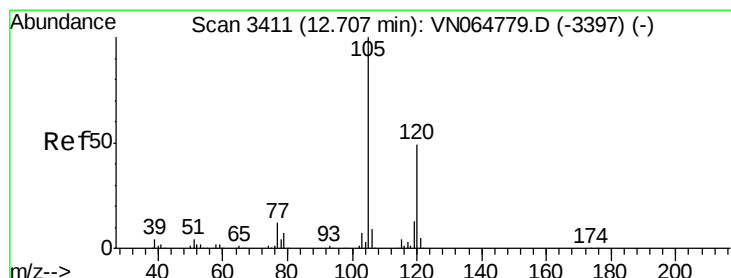
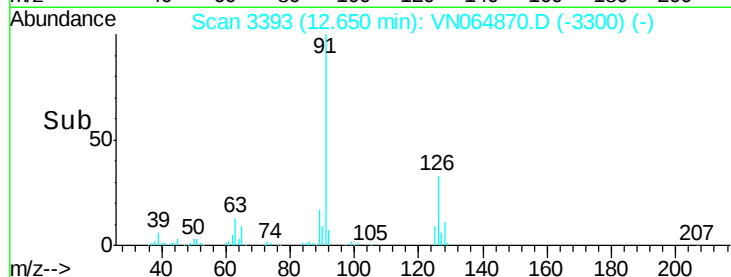
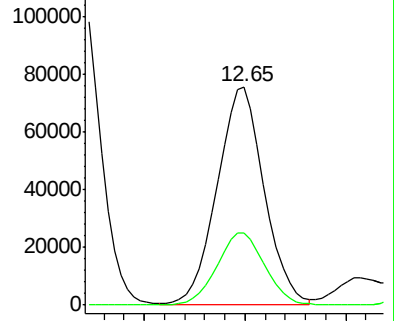
MMDadoda

12/1/2020 9:35:12 AM



Abundance Ion 91.00 (90.70 to 91.70): VN064870.D (-3393) (-)

Ion 125.90 (125.60 to 126.60): VN064870.D (-3393) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.135 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN064870.D

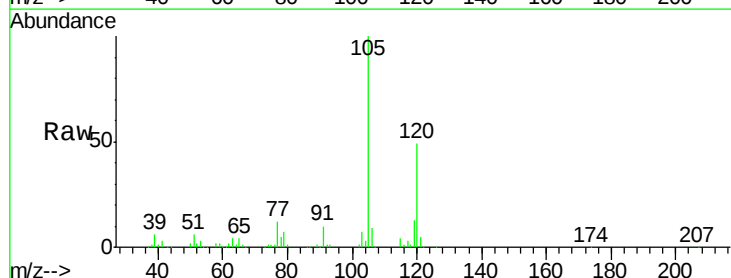
Acq: 30 Nov 2020 14:12

Tgt Ion: 105 Resp: 151145

Ion Ratio Lower Upper

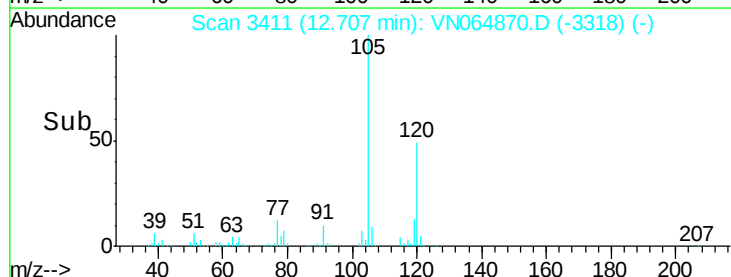
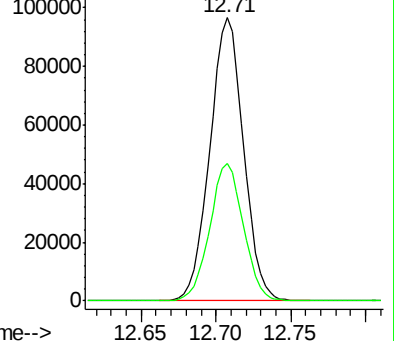
105 100

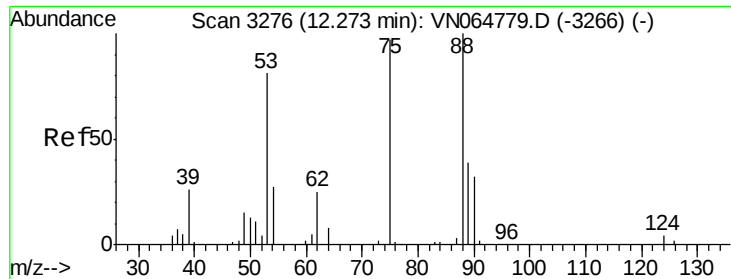
120 48.6 24.6 73.6



Abundance Ion 105.00 (104.70 to 105.70): VN064870.D (-3411) (-)

Ion 120.00 (119.70 to 120.70): VN064870.D (-3411) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 16.492 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. 0.00 min

Lab File: VN064870.D

Acq: 30 Nov 2020 14:12

Instrument :

MSVOA_N

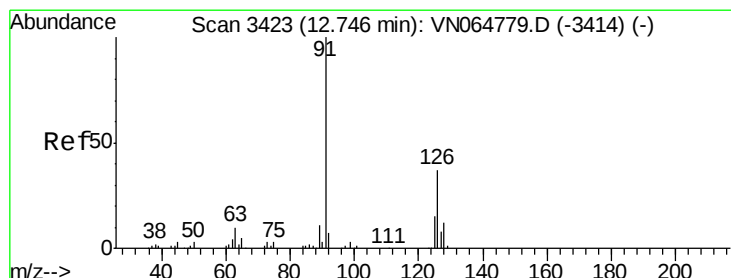
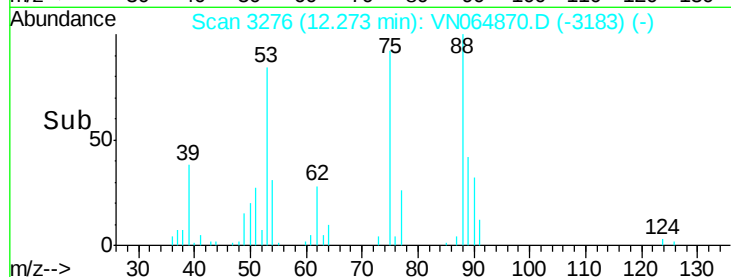
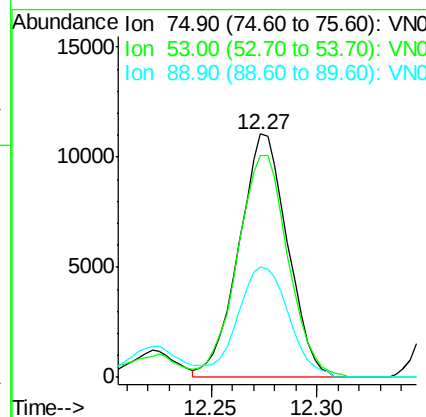
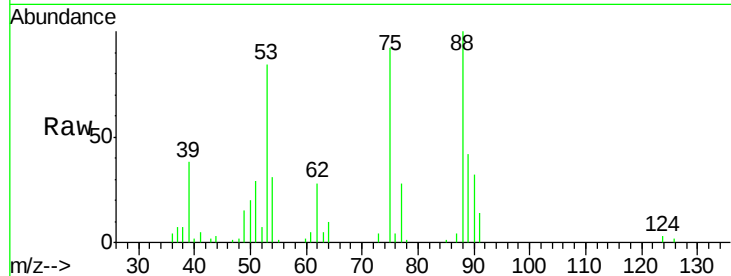
ClientSampleId :

VN1130WBSD01

Tot Ion:	75	Resp:	17704
Ion	Ratio	Lower	Upper
75	100		
53	95.2	67.0	100.4
89	47.9	39.6	59.4

Manual Integrations
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#82

4-Chlorotoluene

Concen: 18.484 ug/l

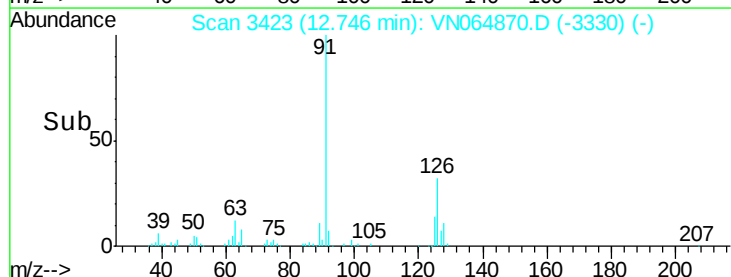
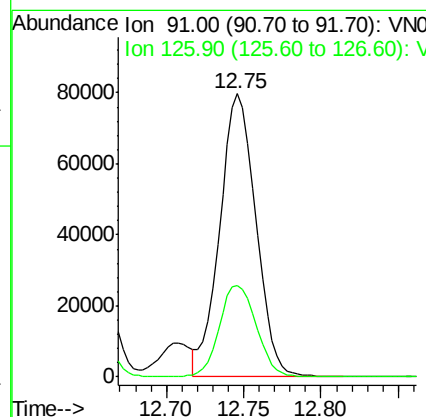
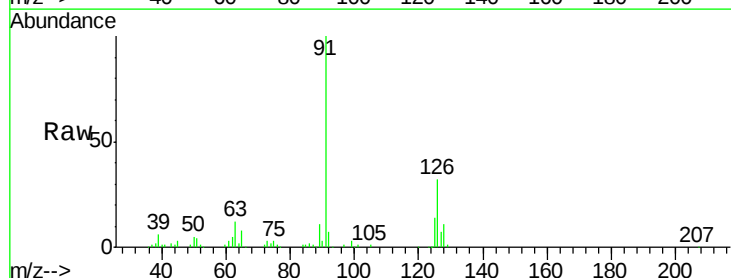
RT: 12.75 min Scan# 3423

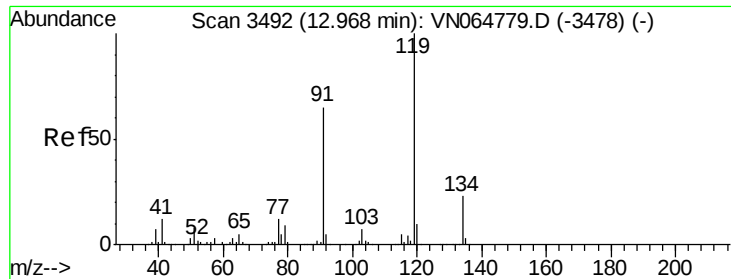
Delta R.T. 0.00 min

Lab File: VN064870.D

Acq: 30 Nov 2020 14:12

Tgt Ion:	91	Resp:	129651
Ion	Ratio	Lower	Upper
91	100		
126	33.2	16.9	50.7





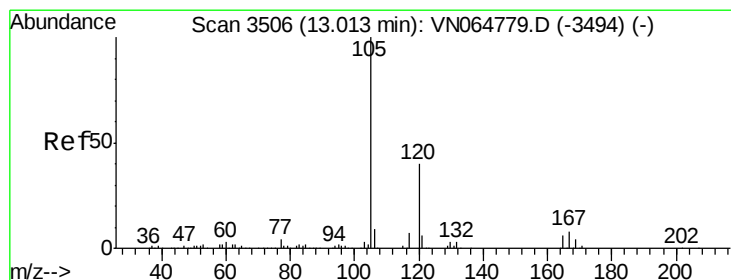
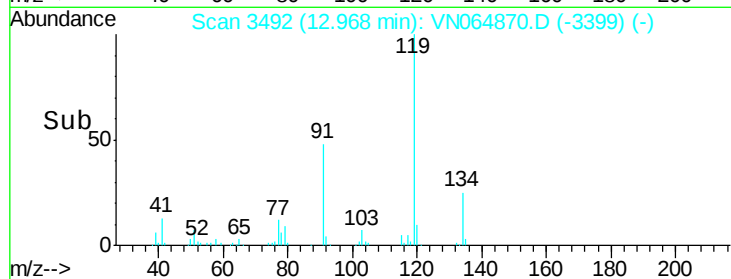
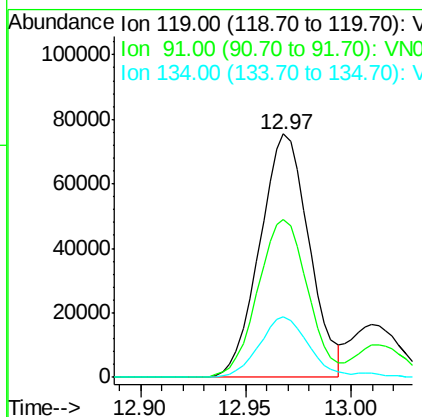
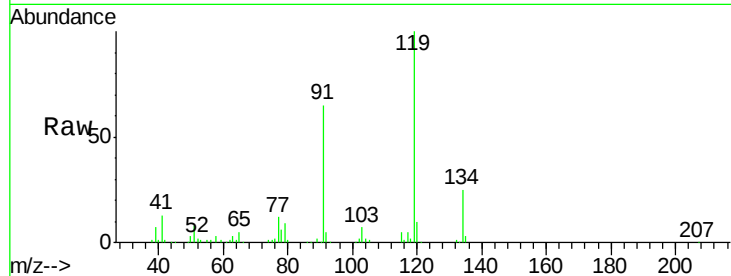
#83
 tert-Butylbenzene
 Concen: 18.586 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: VN064870.D
 Acq: 30 Nov 2020 14:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1130WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	123049		
91	66.1	32.3	96.8	
134	24.7	12.6	37.6	

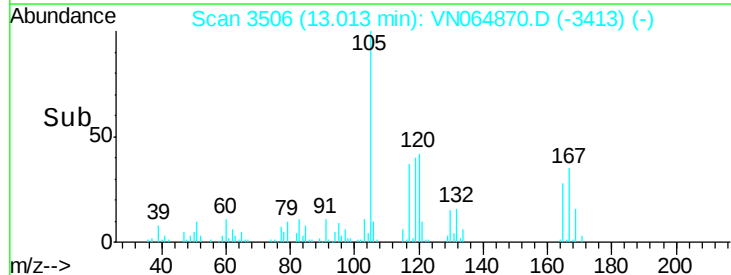
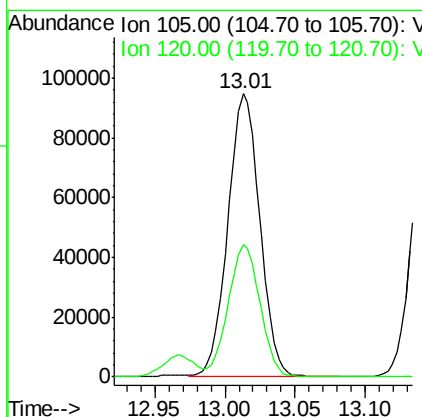
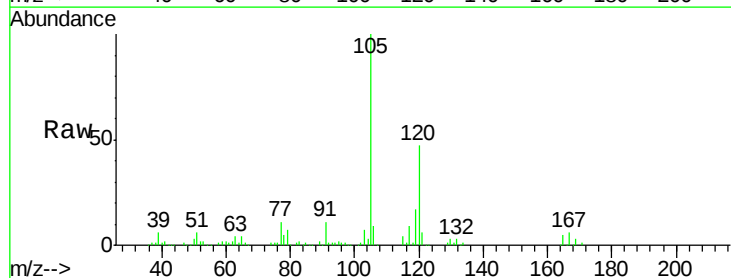
Manual Integrations
 APPROVED

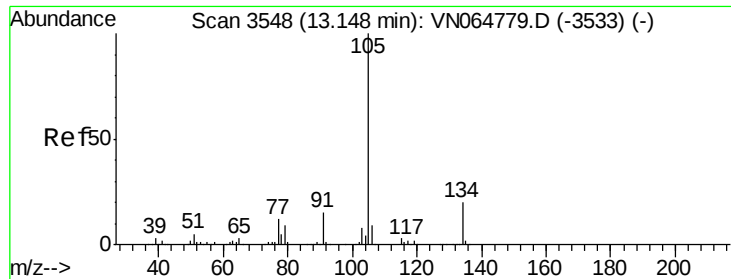
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 12/1/2020 9:35:12 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 18.854 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN064870.D
 Acq: 30 Nov 2020 14:12

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	150569		
120	46.2	23.1	69.2	





#85

sec-Butylbenzene

Concen: 18.788 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN064870.D

Acq: 30 Nov 2020 14:12

Instrument :

MSVOA_N

ClientSampleId :

VN1130WBSD01

Tot Ion:105 Resp: 165154

Ion Ratio Lower Upper

105 100

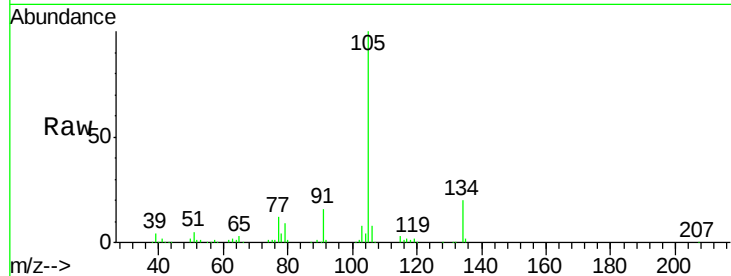
134 19.4 10.1 30.1

Manual Integrations

APPROVED

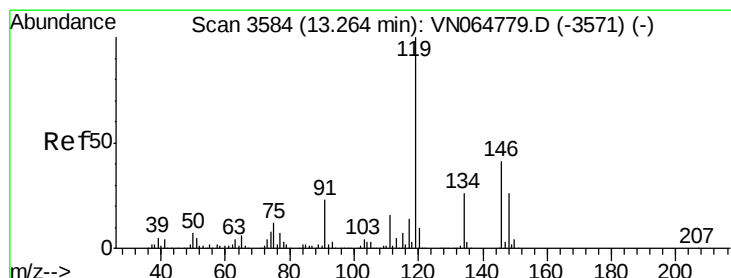
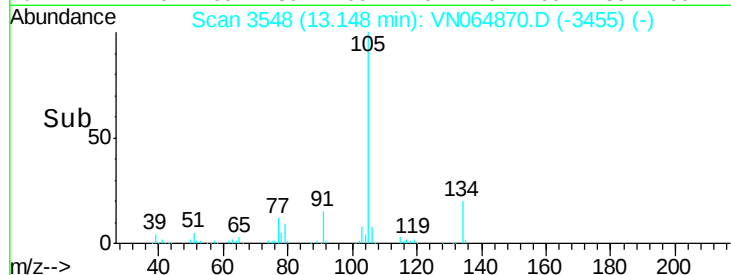
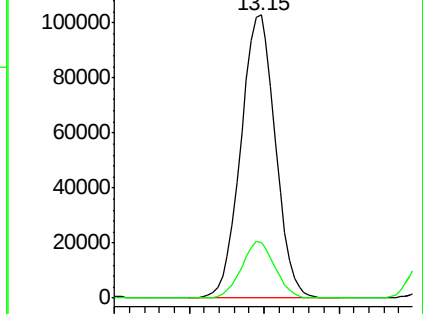
MMDadoda

12/1/2020 9:35:12 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.219 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN064870.D

Acq: 30 Nov 2020 14:12

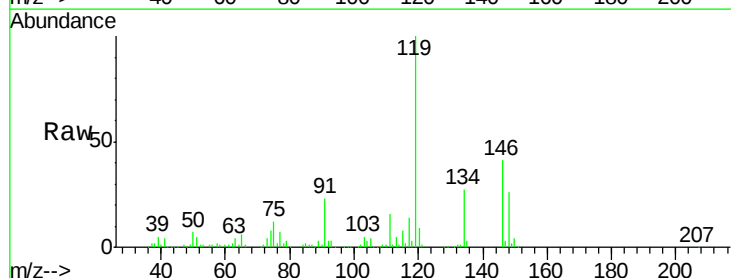
Tgt Ion:119 Resp: 153809

Ion Ratio Lower Upper

119 100

134 26.1 13.1 39.1

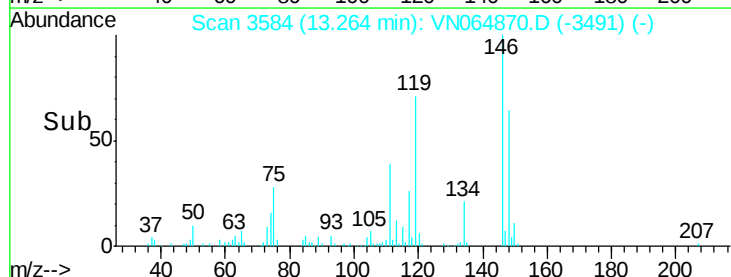
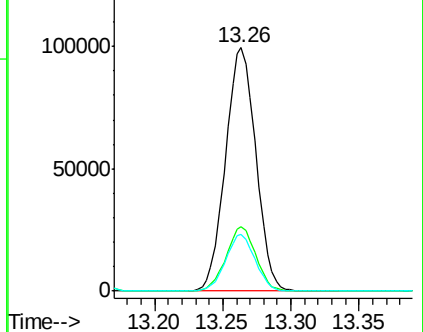
91 22.8 11.5 34.5

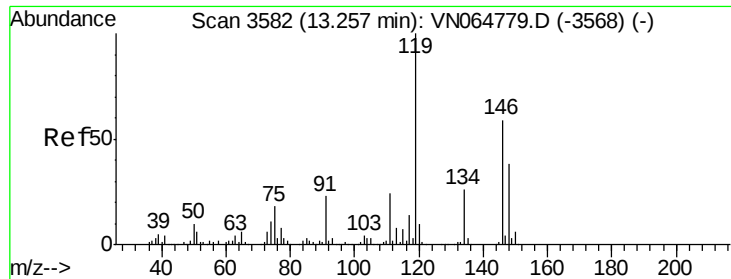


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





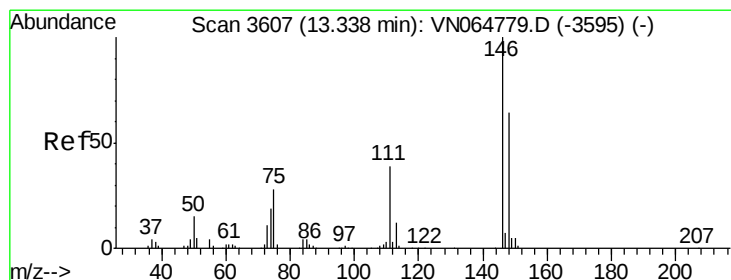
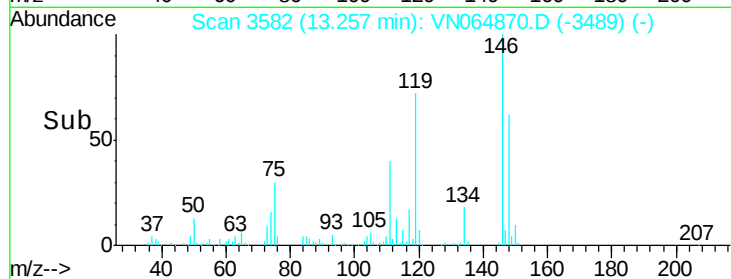
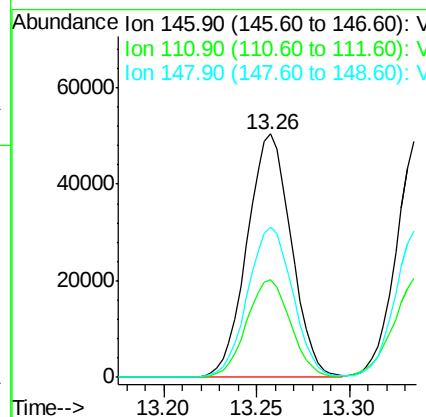
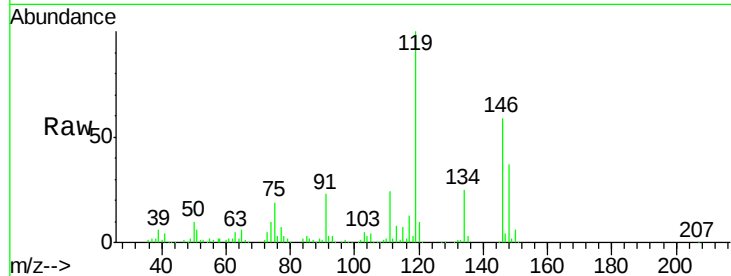
#87
 1,3-Dichlorobenzene
 Concen: 18.321 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064870.D
 Acq: 30 Nov 2020 14:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1130WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	20.6	61.9
148	62.8	31.9	95.5

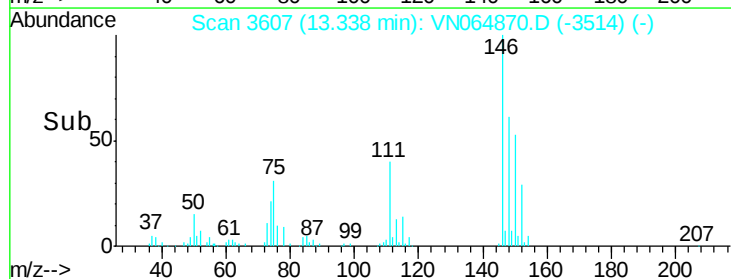
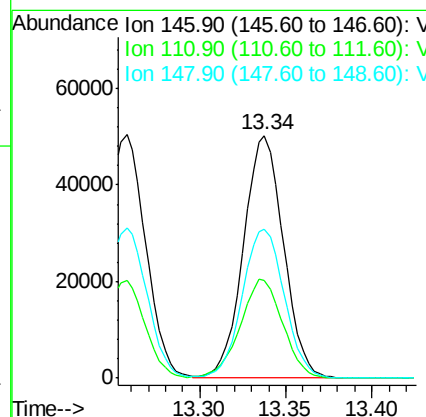
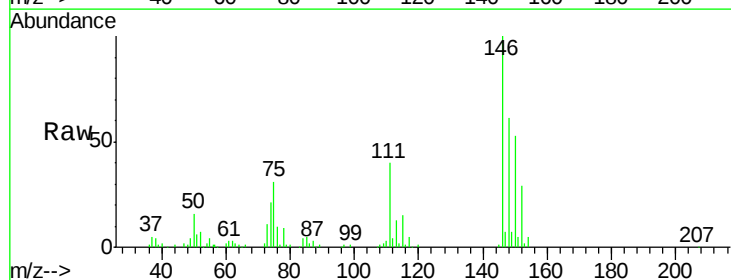
Manual Integrations
 APPROVED

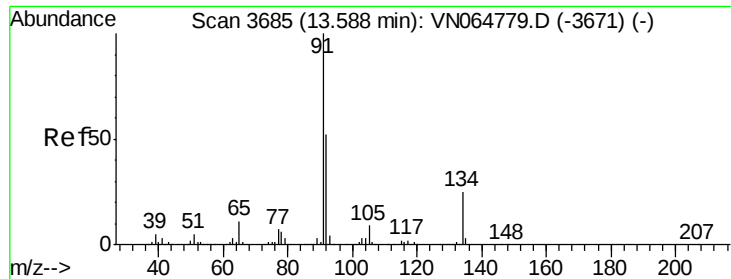
MMDadoda
 12/1/2020 9:35:12 AM



#88
 1,4-Dichlorobenzene
 Concen: 16.939 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN064870.D
 Acq: 30 Nov 2020 14:12

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.1	19.8	59.3
148	64.5	31.9	95.5





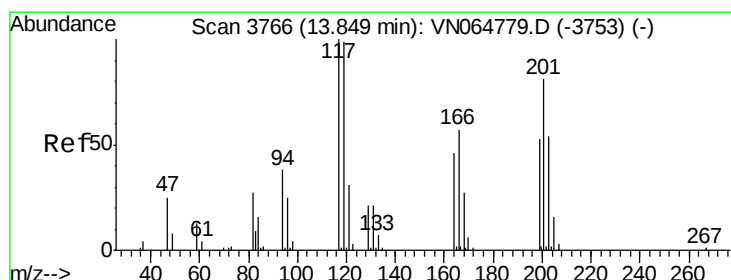
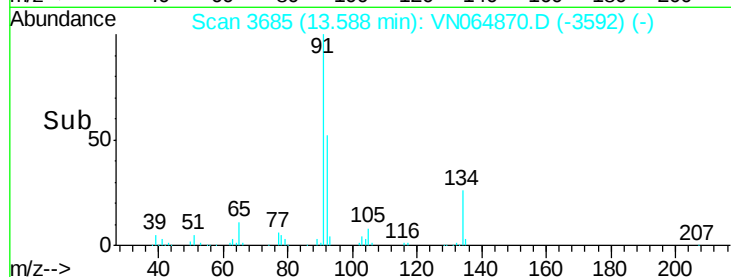
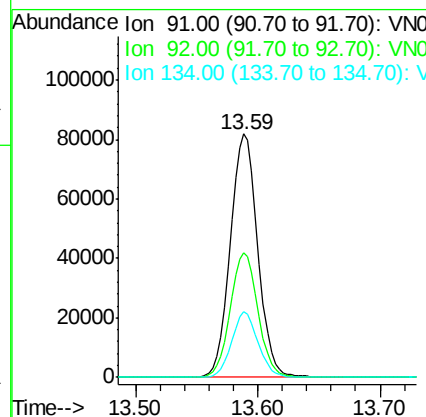
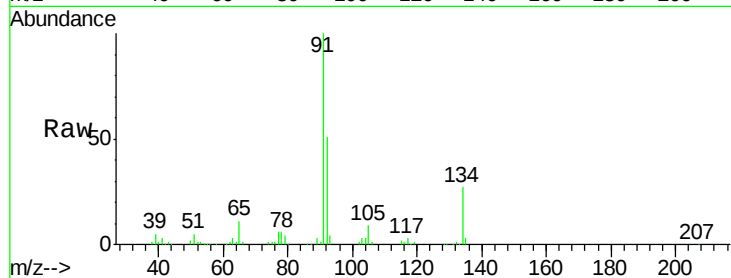
#89
n-Butylbenzene
Concen: 18.370 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN064870.D
Acq: 30 Nov 2020 14:12

Instrument :
MSVOA_N
ClientSampleId :
VN1130WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.5	26.0	78.0
134	25.9	12.9	38.6

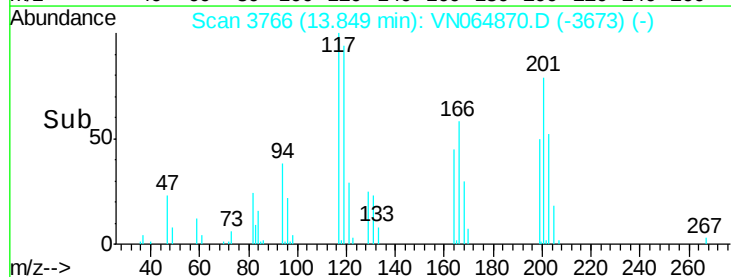
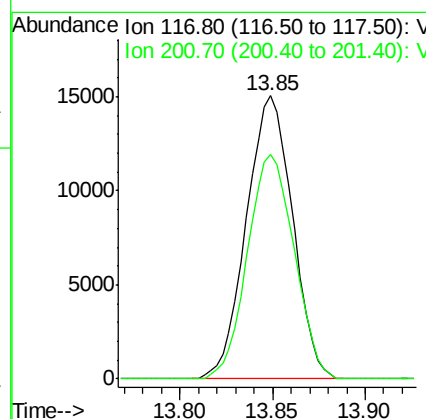
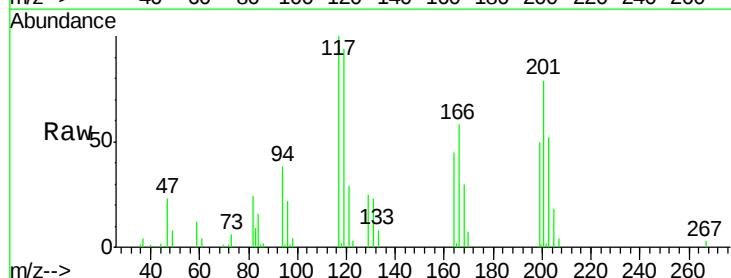
Manual Integrations
APPROVED

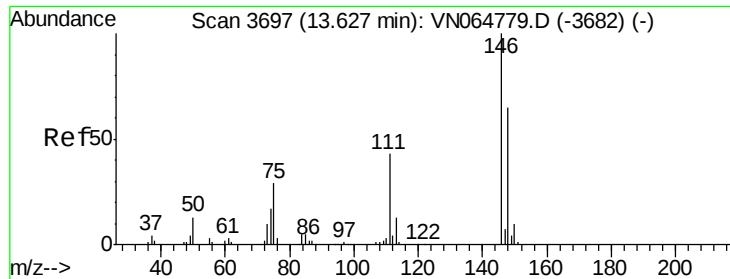
MMDadoda
12/1/2020 9:35:12 AM



#90
Hexachloroethane
Concen: 18.692 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN064870.D
Acq: 30 Nov 2020 14:12

Tgt Ion	Ratio	Lower	Upper
117	100		
201	80.2	40.1	120.3





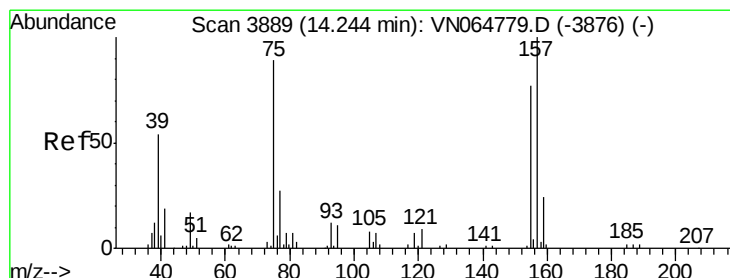
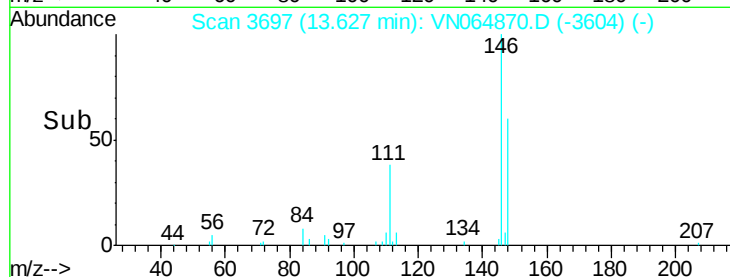
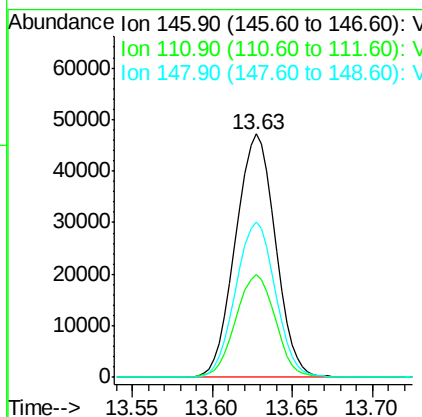
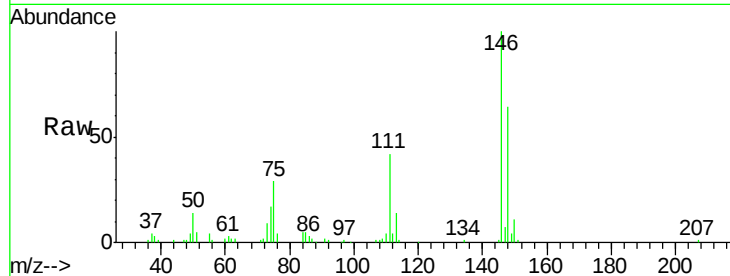
#91
 1,2-Dichlorobenzene
 Concen: 18.039 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064870.D
 Acq: 30 Nov 2020 14:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1130WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.0	21.1	63.1
148	63.4	32.0	96.2

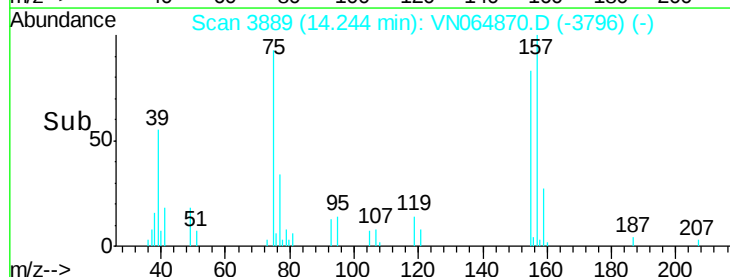
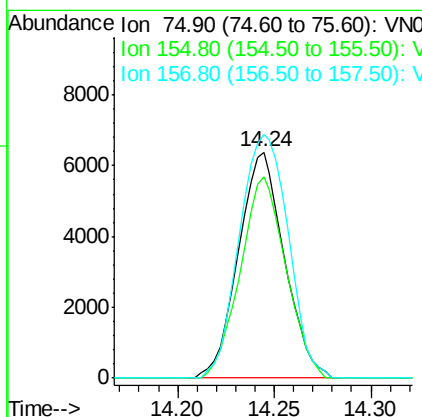
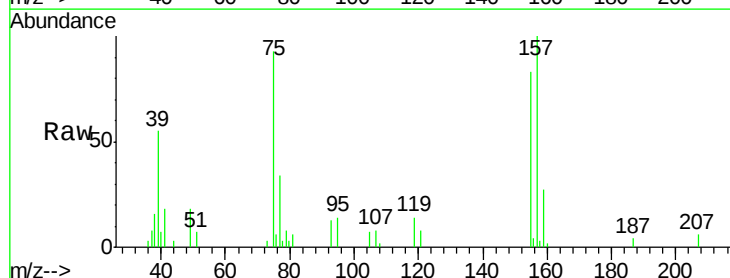
Manual Integrations
 APPROVED

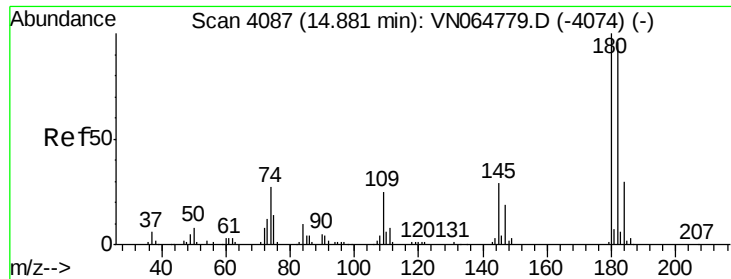
MMDadoda
 12/1/2020 9:35:12 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.830 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN064870.D
 Acq: 30 Nov 2020 14:12

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.3	42.8	128.3
157	114.8	56.4	169.1





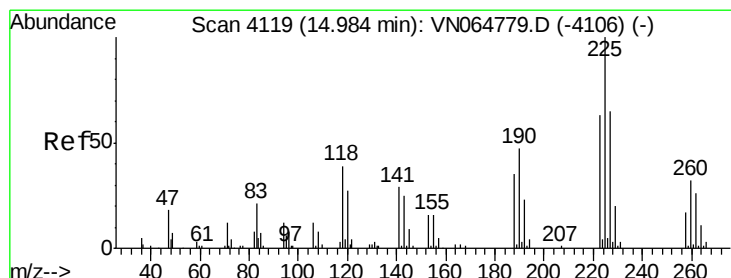
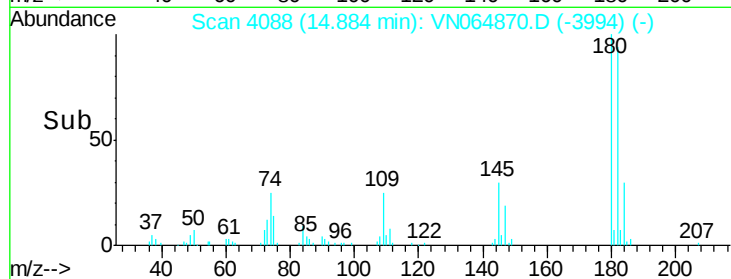
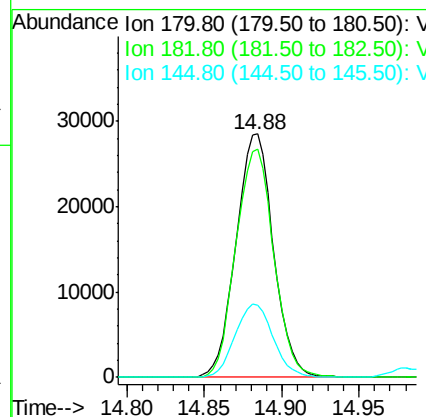
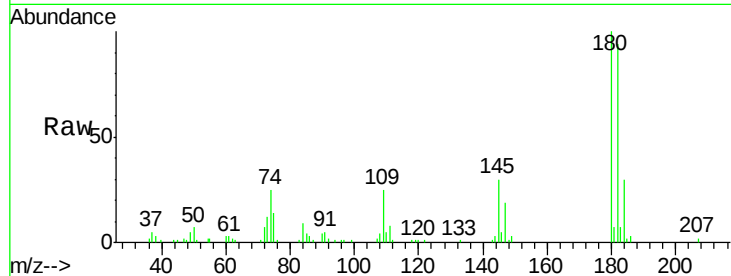
#93
 1,2,4-Trichlorobenzene
 Concen: 17.315 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN064870.D
 Acq: 30 Nov 2020 14:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1130WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.6	142.9
145	30.6	15.3	45.8

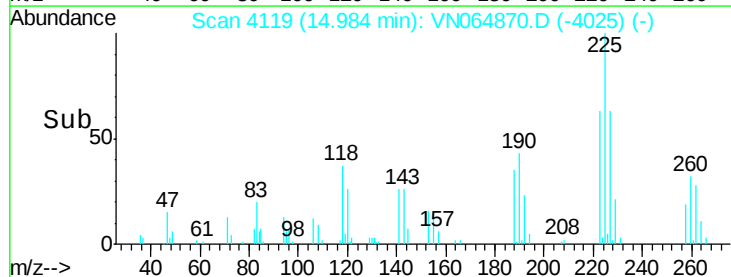
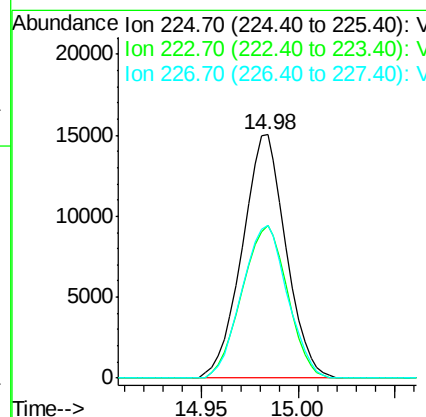
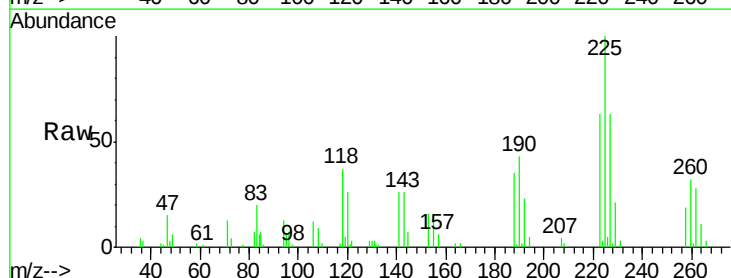
Manual Integrations
 APPROVED

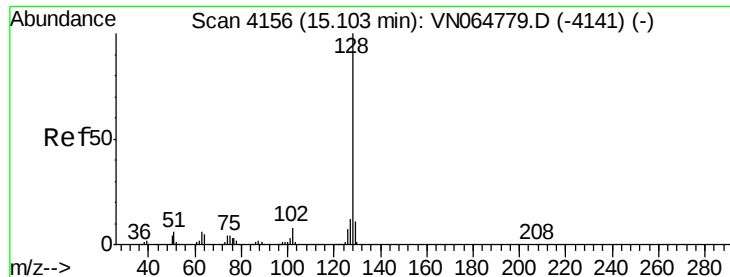
MMDadoda
 12/1/2020 9:35:12 AM



#94
 Hexachlorobutadiene
 Concen: 19.219 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN064870.D
 Acq: 30 Nov 2020 14:12

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.0	31.0	93.0
227	65.4	32.0	96.0





#95

Naphthalene

Concen: 16.450 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN064870.D

Acq: 30 Nov 2020 14:12

Instrument :

MSVOA_N

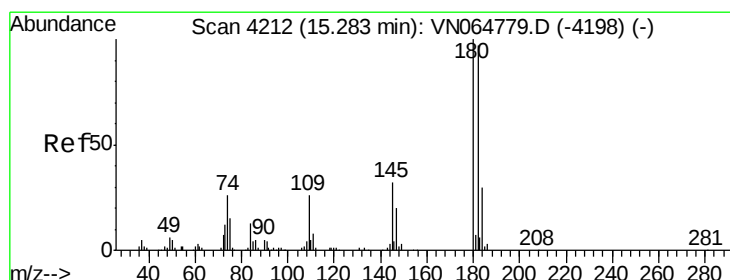
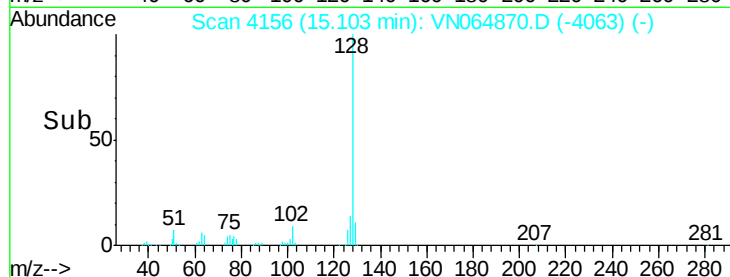
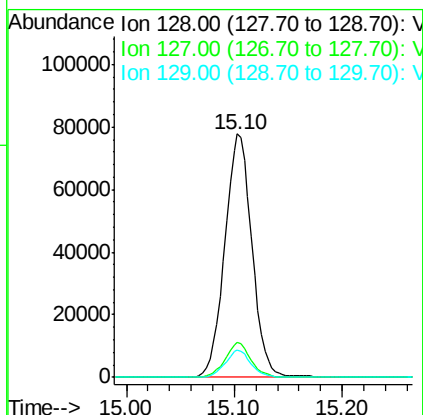
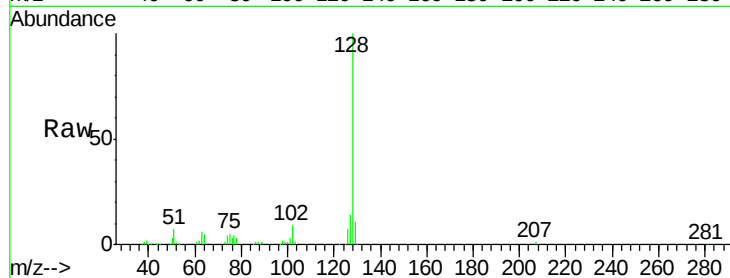
ClientSampleId :

VN1130WBSD01

Tot Ion:	128	Resp:	136257
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.3	15.5
129	10.6	8.7	13.1

Manual Integrations
APPROVED

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



#96

1,2,3-Trichlorobenzene

Concen: 18.338 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN064870.D

Acq: 30 Nov 2020 14:12

Tgt Ion:	180	Resp:	45799
Ion Ratio	Lower	Upper	
180	100		
182	97.6	48.1	144.4
145	33.0	16.4	49.1

