

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092120\
 Data File : VN063504.D
 Acq On : 21 Sep 2020 23:41
 Operator : JC/MD
 Sample : VN0921WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBS02

Manual Integrations
 APPROVED

MMDadoda
 9/22/2020 2:08:11 PM

Quant Time: Sep 22 05:16:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	275623	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	490587	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	454260	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	205567	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	227048	48.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.78%	
35) Dibromofluoromethane	7.55	113	158934	46.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.60%	
50) Toluene-d8	10.06	98	596194	46.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.38%	
62) 4-Bromofluorobenzene	12.38	95	222467	47.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	55752	17.855	ug/l	96
3) Chloromethane	2.04	50	72777	17.618	ug/l	98
4) Vinyl Chloride	2.16	62	67823	18.532	ug/l	98
5) Bromomethane	2.53	94	43960	20.230	ug/l	99
6) Chloroethane	2.67	64	40624	18.083	ug/l	93
7) Trichlorofluoromethane	2.98	101	107466	19.681	ug/l	98
8) Diethyl Ether	3.37	74	40992	19.258	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	56697	18.463	ug/l	98
10) Methyl Iodide	3.91	142	71948	17.996	ug/l	99
11) Tert butyl alcohol	4.73	59	65995	101.533	ug/l	96
12) 1,1-Dichloroethene	3.70	96	58235	18.723	ug/l	96
13) Acrolein	3.57	56	28965	120.249	ug/l	96
14) Allyl chloride	4.28	41	107273	17.436	ug/l	99
15) Acrylonitrile	4.93	53	164398	99.434	ug/l	99
16) Acetone	3.78	43	148464	98.459	ug/l	99
17) Carbon Disulfide	4.01	76	156101	17.254	ug/l	100
18) Methyl Acetate	4.28	43	78649	20.546	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	218506	18.849	ug/l	97
20) Methylene Chloride	4.50	84	70107	18.351	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	62795	18.222	ug/l	93
22) Diisopropyl ether	5.90	45	229336	18.277	ug/l	96
23) Vinyl Acetate	5.84	43	965061	93.650	ug/l	100
24) 1,1-Dichloroethane	5.80	63	128212	18.716	ug/l	98
25) 2-Butanone	6.78	43	229881	99.126	ug/l	97
26) 2,2-Dichloropropane	6.78	77	93825	15.556	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	74134	19.006	ug/l	97
28) Bromochloromethane	7.15	49	58176	18.392	ug/l	98
29) Tetrahydrofuran	7.17	42	158548	100.101	ug/l	99
30) Chloroform	7.33	83	130989	19.059	ug/l	97
31) Cyclohexane	7.61	56	110907	17.115	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	114305	18.699	ug/l	99
36) 1,1-Dichloropropene	7.75	75	92568	17.711	ug/l	99
37) Ethyl Acetate	6.88	43	99457	19.389	ug/l	99
38) Carbon Tetrachloride	7.73	117	96136	18.019	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	94154	16.598	ug/l	99
40) Benzene	8.00	78	268951	18.027	ug/l	98
41) Methacrylonitrile	7.13	41	45772	19.840	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	113112	18.852	ug/l	99
43) Isopropyl Acetate	8.13	43	169087	18.435	ug/l	99
44) Trichloroethene	8.80	130	67117	18.547	ug/l	99
45) 1,2-Dichloropropane	9.08	63	75579	18.599	ug/l	99
46) Dibromomethane	9.18	93	52143	19.524	ug/l	97
47) Bromodichloromethane	9.37	83	104972	18.919	ug/l	97
48) Methyl methacrylate	9.17	41	83356	18.497	ug/l	98
49) 1,4-Dioxane	9.17	88	26952	416.766	ug/l	91
51) 4-Methyl-2-Pentanone	9.95	43	511330	99.579	ug/l	99
52) Toluene	10.13	92	170199	18.974	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	109528	17.682	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	113955	17.441	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	68176	19.134	ug/l	98
56) Ethyl methacrylate	10.40	69	104397	18.769	ug/l	98
57) 1,3-Dichloropropane	10.68	76	119121	18.539	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	249396	85.472	ug/l	97
59) 2-Hexanone	10.72	43	373306	100.348	ug/l	100
60) Dibromochloromethane	10.87	129	73554	18.273	ug/l	99
61) 1,2-Dibromoethane	10.98	107	70907	19.155	ug/l	98
64) Tetrachloroethene	10.60	164	61957	20.030	ug/l	97
65) Chlorobenzene	11.41	112	177299	18.387	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	65103	18.419	ug/l	99
67) Ethyl Benzene	11.49	91	329754	18.159	ug/l	99
68) m/p-Xylenes	11.59	106	237025	36.202	ug/l	99
69) o-Xylene	11.92	106	115796	18.566	ug/l	98
70) Styrene	11.94	104	192901	18.443	ug/l	99
71) Bromoform	12.10	173	47711	18.119	ug/l #	95
73) Isopropylbenzene	12.23	105	308510	18.728	ug/l	100
74) N-amyl acetate	12.04	43	142772	18.309	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	98859	19.382	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	95326m	18.735	ug/l	
77) Bromobenzene	12.50	156	71969	19.422	ug/l	99
78) n-propylbenzene	12.57	91	355847	18.547	ug/l	100
79) 2-Chlorotoluene	12.65	91	218426	18.991	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	252856	18.408	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.28	75	31546	16.998	ug/l	98
82) 4-Chlorotoluene	12.75	91	227697	18.737	ug/l	99
83) tert-Butylbenzene	12.97	119	209822	18.507	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	259738	18.720	ug/l	99
85) sec-Butylbenzene	13.15	105	273530	18.024	ug/l	100
86) p-Isopropyltoluene	13.26	119	243393	18.184	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	129364	18.836	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	129410	18.533	ug/l	99
89) n-Butylbenzene	13.59	91	213652	17.317	ug/l	99
90) Hexachloroethane	13.85	117	42209	16.561	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	128397	19.042	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	22692	18.683	ug/l	98

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QLast Update : Wed Sep 16 13:05:20 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	68983	17.354	ug/l	98
94) Hexachlorobutadiene	14.98	225	31590	19.196	ug/l	99
95) Naphthalene	15.10	128	244850	18.644	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	69503	18.096	ug/l	97

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

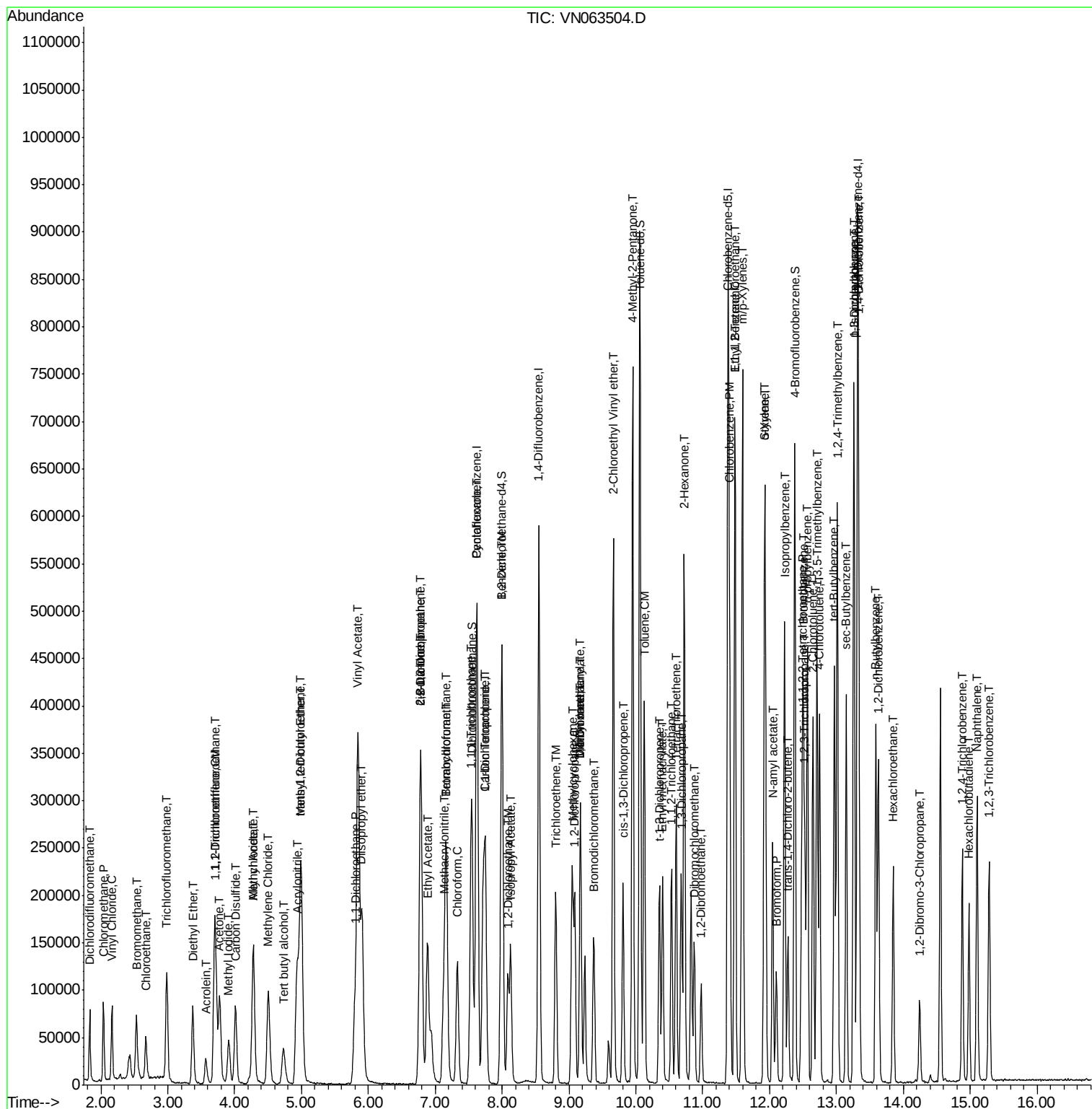
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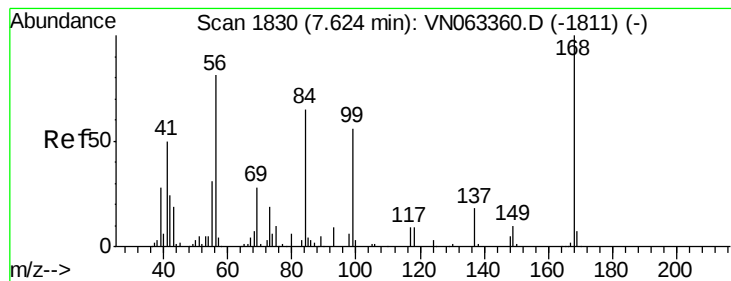
Instrument :
MSVOA_N
ClientSampled :
VN0921WBS02

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063504.D

Acq: 21 Sep 2020 23:41

Instrument :

MSVOA_N

ClientSampleId :

VN0921WBS02

Tot Ion:168 Resp: 275623

Ion Ratio Lower Upper

168 100

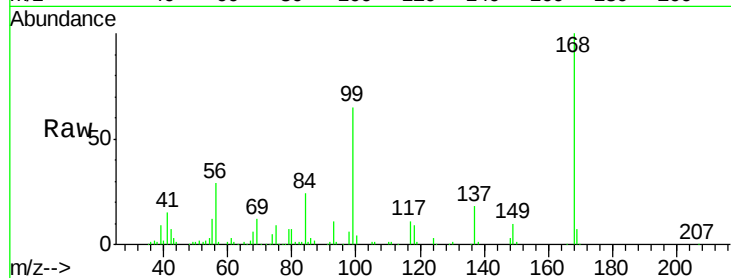
99 64.5 53.0 79.6

Manual Integrations

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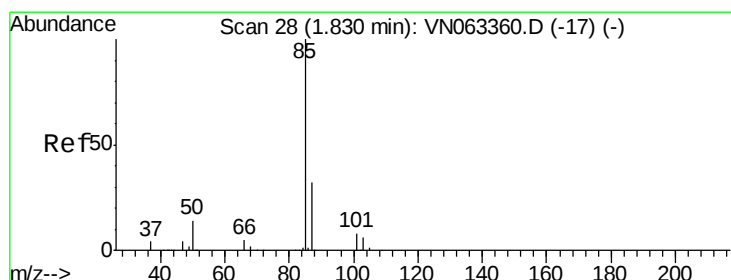
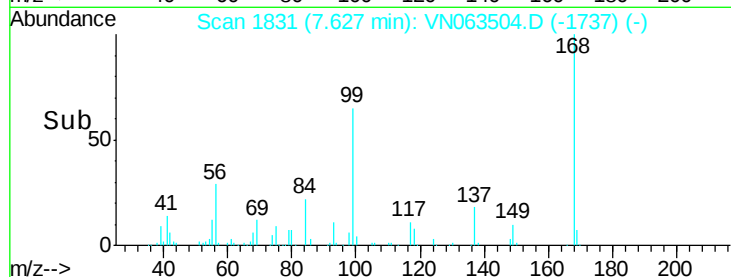
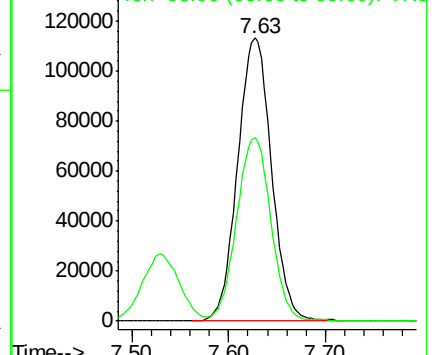
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 17.855 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063504.D

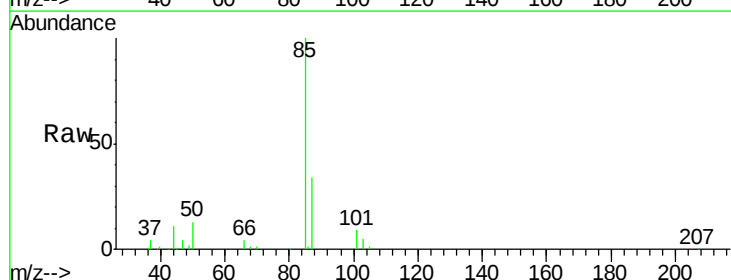
Acq: 21 Sep 2020 23:41

Tgt Ion: 85 Resp: 55752

Ion Ratio Lower Upper

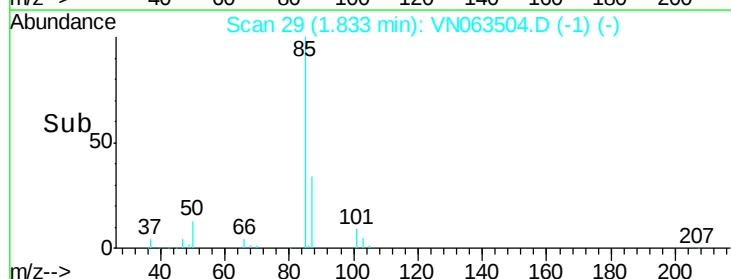
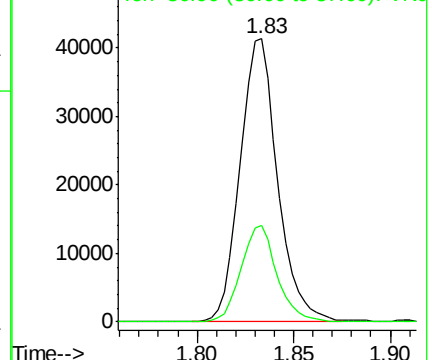
85 100

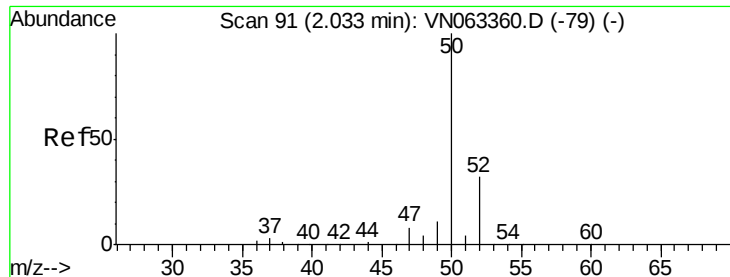
87 34.1 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 17.618 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.01 min

Lab File: VN063504.D

Acq: 21 Sep 2020 23:41

Instrument :

MSVOA_N

ClientSampleId :

VN0921WBS02

Tot Ion: 50 Resp: 72777

Ion Ratio Lower Upper

50 100

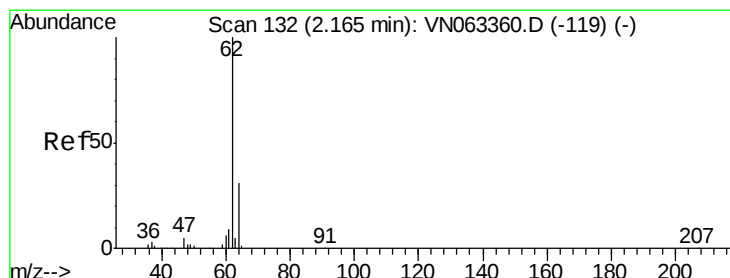
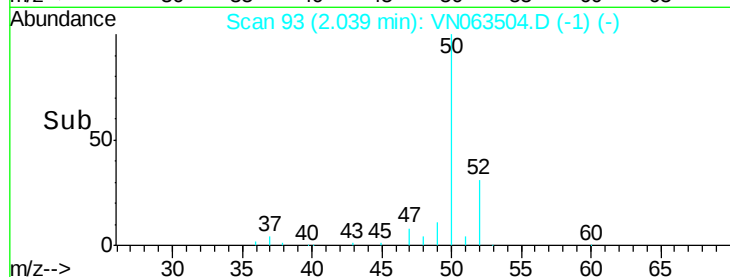
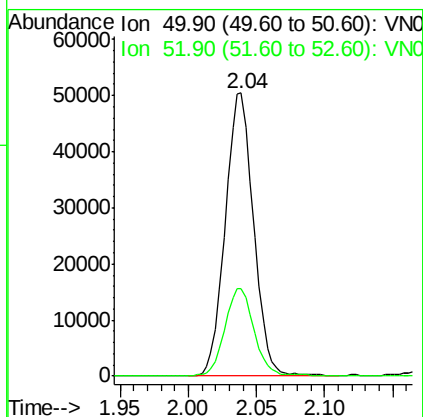
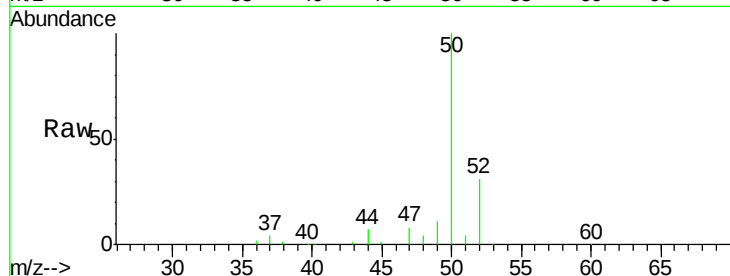
52 31.1 25.9 38.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.532 ug/l

RT: 2.16 min Scan# 132

Delta R.T. -0.00 min

Lab File: VN063504.D

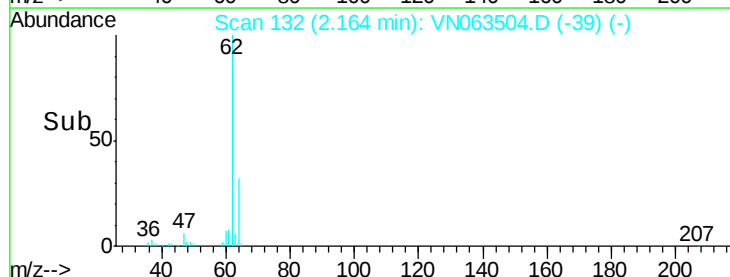
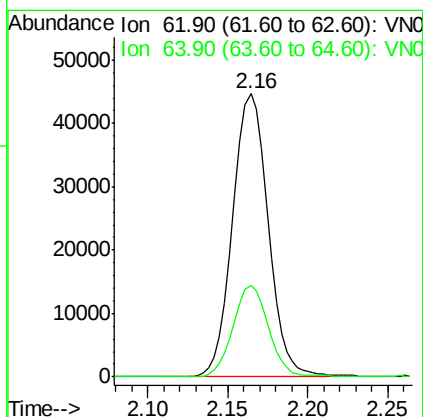
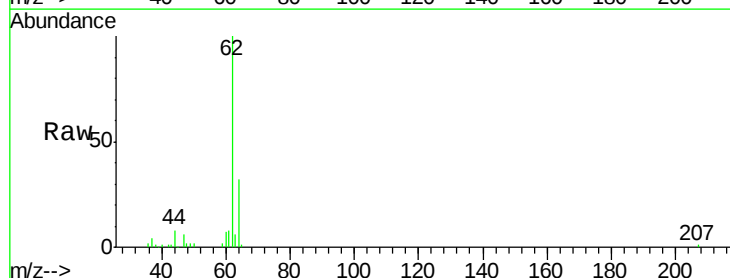
Acq: 21 Sep 2020 23:41

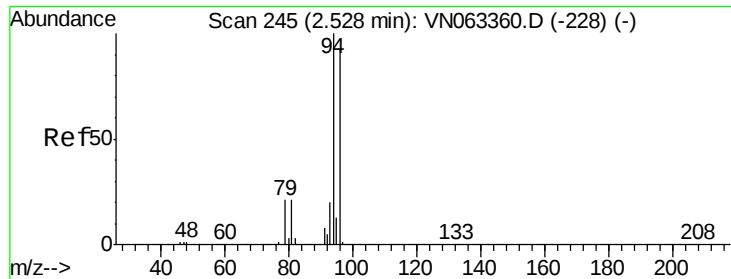
Tgt Ion: 62 Resp: 67823

Ion Ratio Lower Upper

62 100

64 32.4 25.1 37.7





#5

Bromomethane

Concen: 20.230 ug/l

RT: 2.53 min Scan# 246

Delta R.T. 0.00 min

Lab File: VN063504.D

Acq: 21 Sep 2020 23:41

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 43960

Ion Ratio Lower Upper

94 100

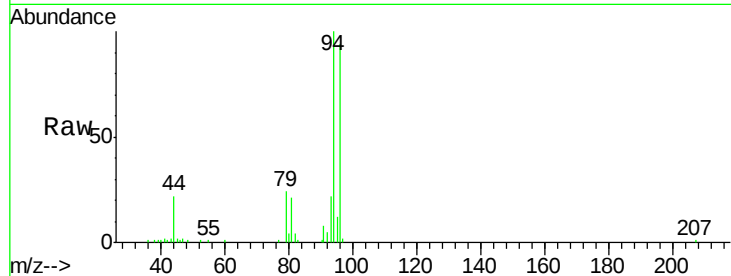
96 94.0 74.5 111.7

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.53

25000

20000

15000

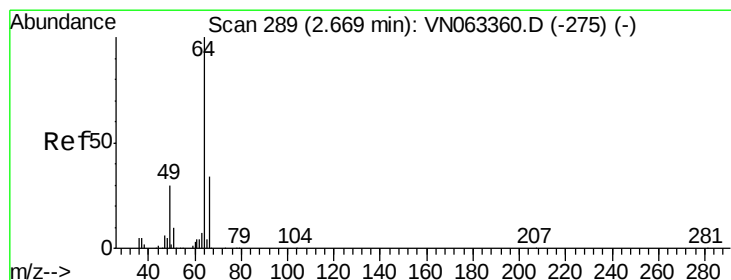
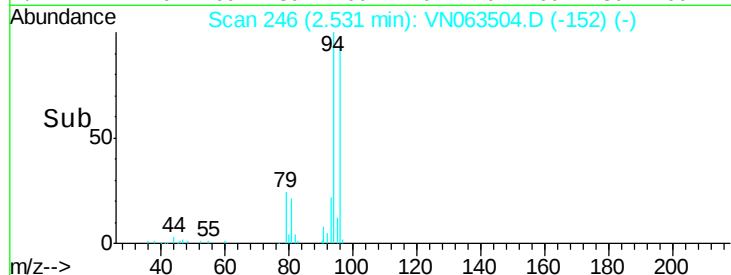
10000

5000

0

Time-->

2.45 2.50 2.55 2.60



#6

Chloroethane

Concen: 18.083 ug/l

RT: 2.67 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN063504.D

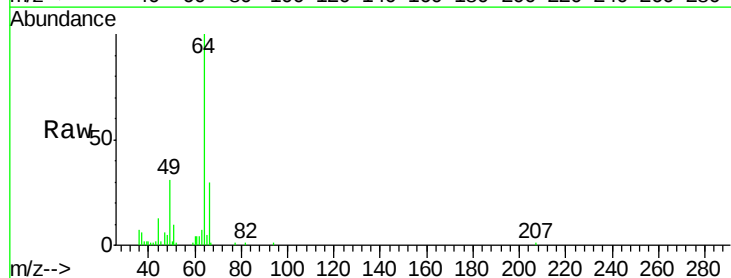
Acq: 21 Sep 2020 23:41

Tgt Ion: 64 Resp: 40624

Ion Ratio Lower Upper

64 100

66 29.6 26.9 40.3



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.67

20000

15000

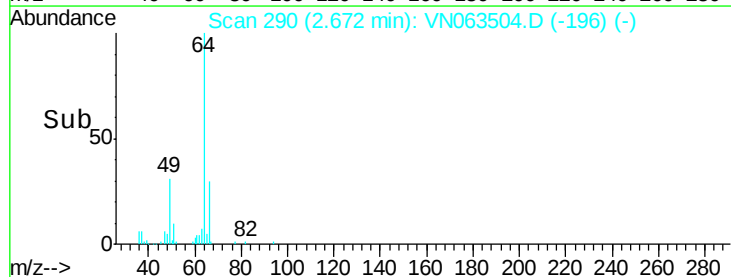
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5000

0

Time-->

2.60 2.65 2.70 2.75





#7

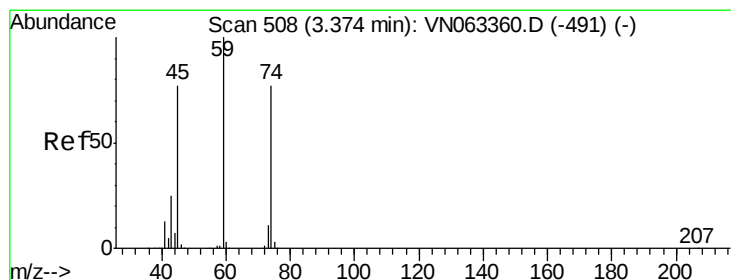
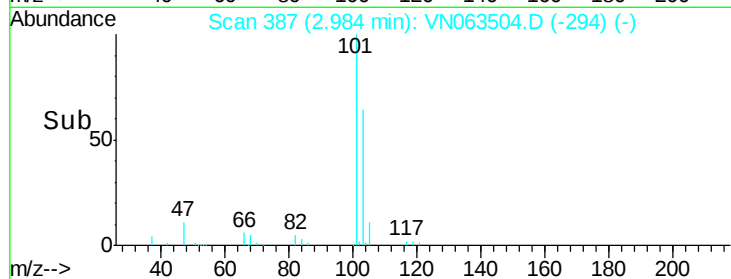
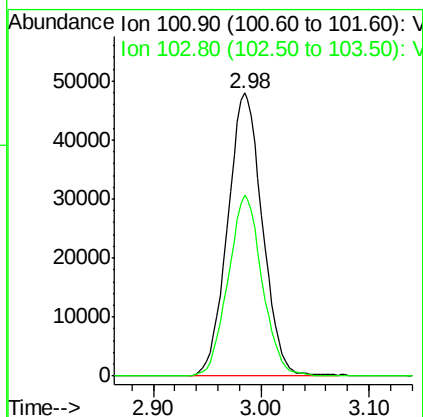
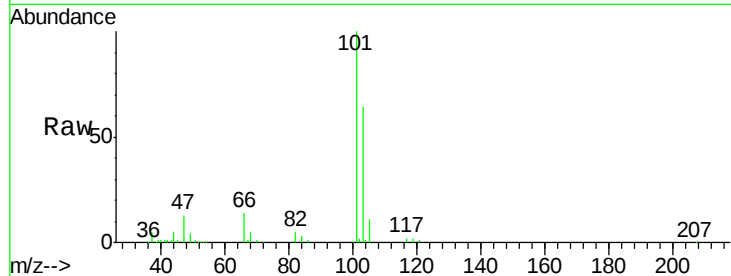
Trichlorofluoromethane
 Concen: 19.681 ug/l
 RT: 2.98 min Scan# 387
 Delta R.T. -0.00 min
 Lab File: VN063504.D
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	107466		
103	63.8	52.3	78.5	

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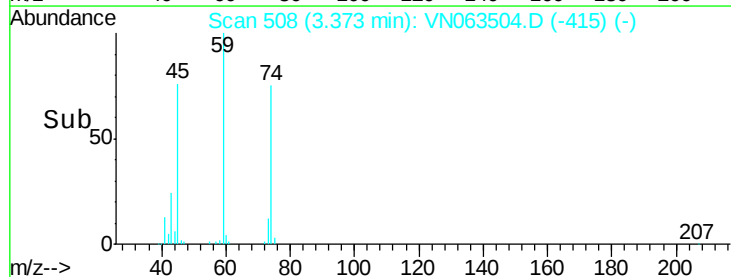
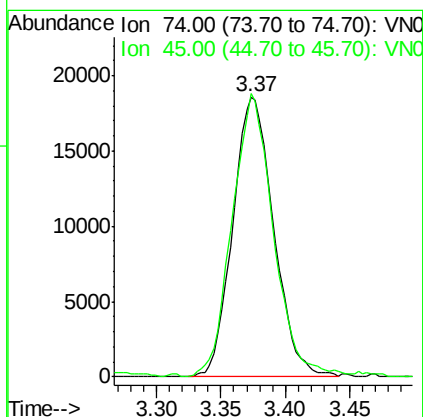
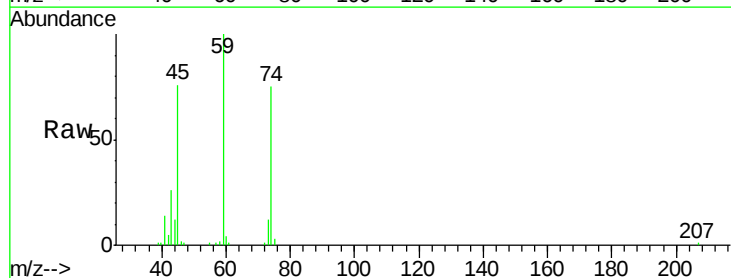
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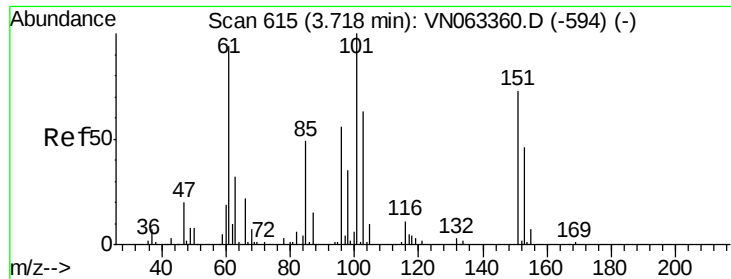


#8

Diethyl Ether
 Concen: 19.258 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN063504.D
 Acq: 21 Sep 2020 23:41

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	40992		
45	102.2	52.1	156.4	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.463 ug/l

RT: 3.72 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN063504.D

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MSVOA_N

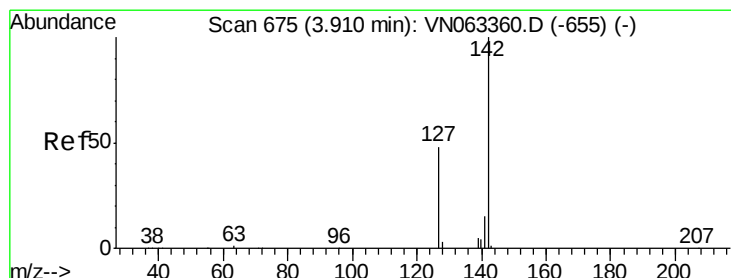
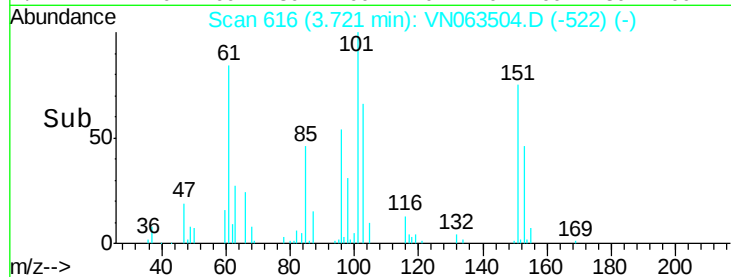
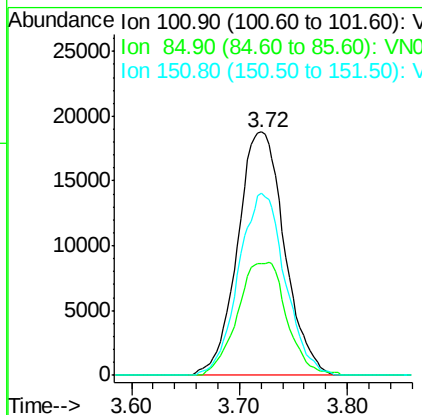
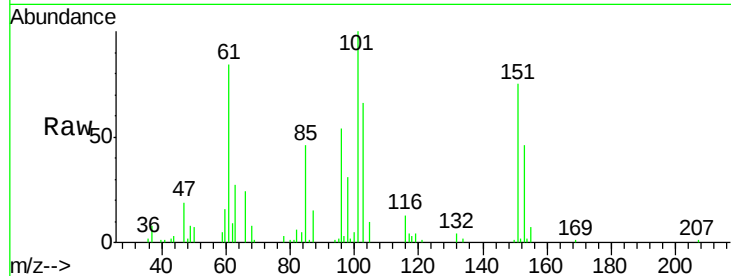
ClientSampleId :

VN0921WBS02

Tot Ion:	101	Resp:	56697
Ion Ratio	Lower	Upper	
101	100		
85	48.5	37.7	56.5
151	74.2	57.7	86.5

Manual Integrations
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#10

Methyl Iodide

Concen: 17.996 ug/l

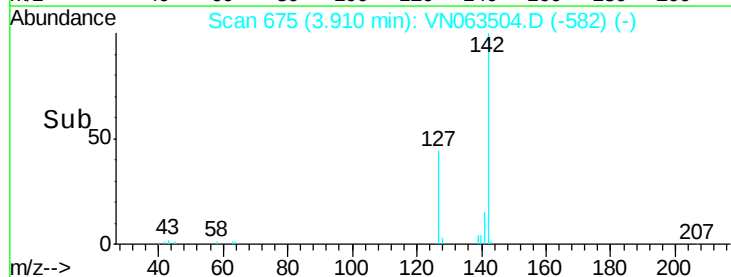
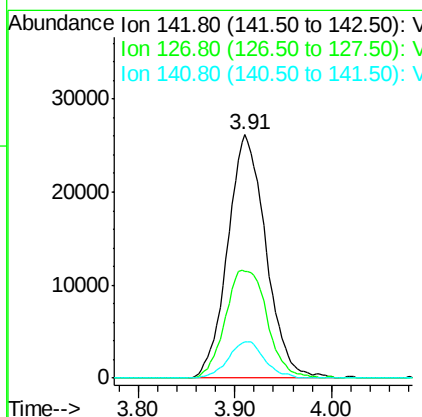
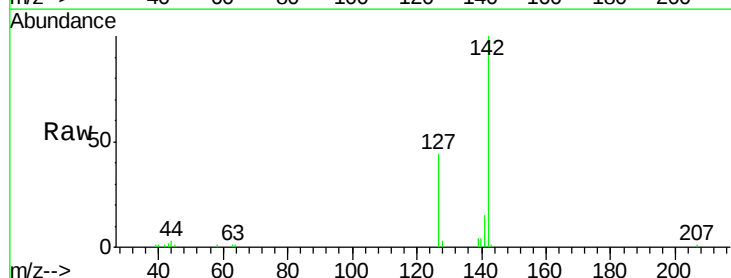
RT: 3.91 min Scan# 675

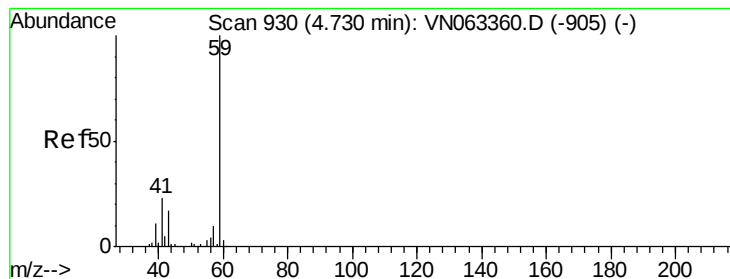
Delta R.T. -0.00 min

Lab File: VN063504.D

Acq: 21 Sep 2020 23:41

Tgt Ion:	142	Resp:	71948
Ion Ratio	Lower	Upper	
142	100		
127	48.2	39.0	58.6
141	14.2	11.6	17.4





#11

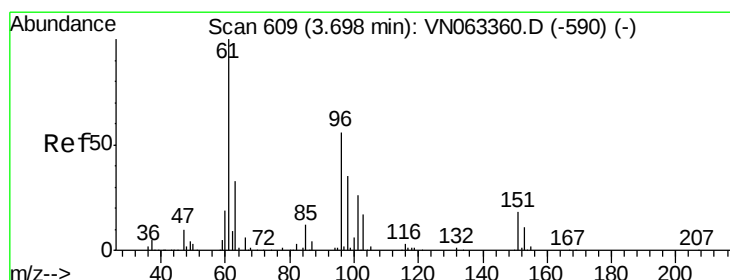
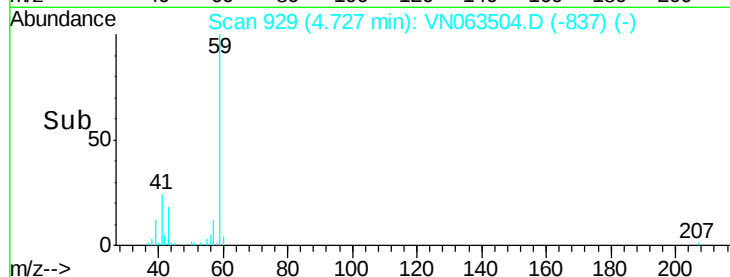
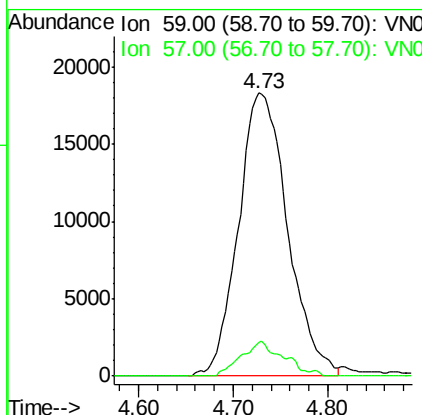
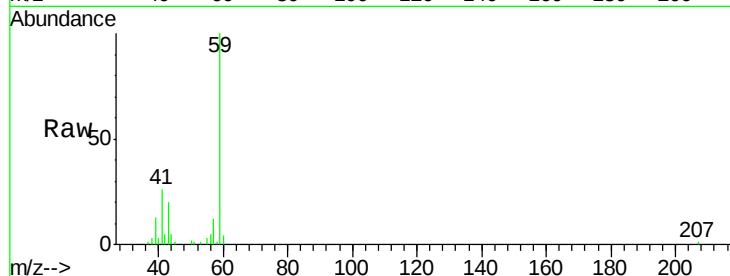
Tert butyl alcohol
Concen: 101.533 ug/l
RT: 4.73 min Scan# 929
Delta R.T. -0.00 min
Lab File: VN063504.D
Acq: 21 Sep 2020 23:41

Instrument :
MSVOA_N
ClientSampleId :
VN0921WBS02

Tot Ion	Ratio	Lower	Upper
59	100		
57	8.8	8.4	12.6

Manual Integrations
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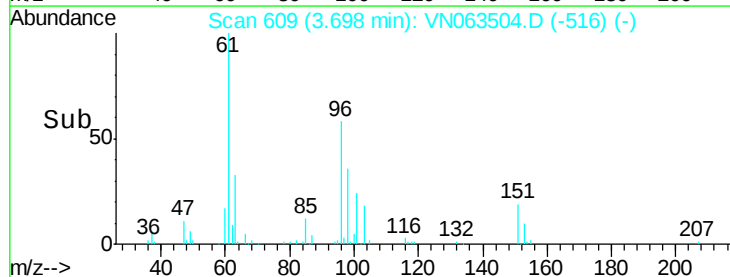
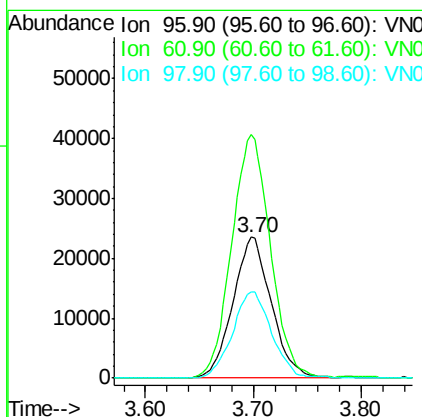
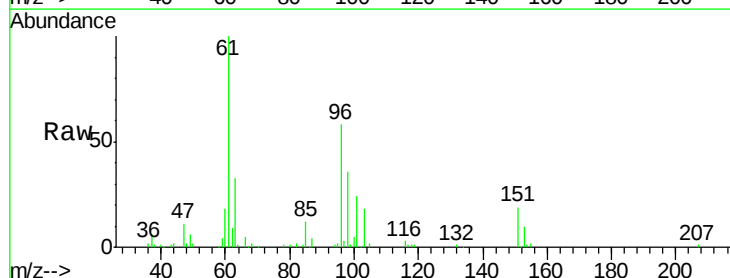
MMDadoda
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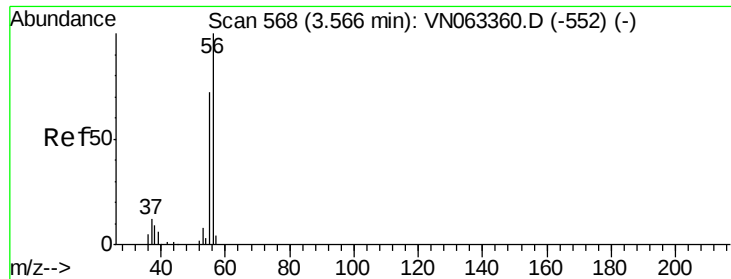


#12

1,1-Dichloroethene
Concen: 18.723 ug/l
RT: 3.70 min Scan# 609
Delta R.T. -0.00 min
Lab File: VN063504.D
Acq: 21 Sep 2020 23:41

Tgt Ion	Ratio	Lower	Upper
96	100		
61	173.2	143.4	215.2
98	61.5	50.6	76.0





#13

Acrolein

Concen: 120.249 ug/l

RT: 3.57 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN063504.D

Acq: 21 Sep 2020 23:41

Instrument :

MSVOA_N

ClientSampleId :

VN0921WBS02

Tot Ion: 56 Resp: 28965

Ion Ratio Lower Upper

56 100

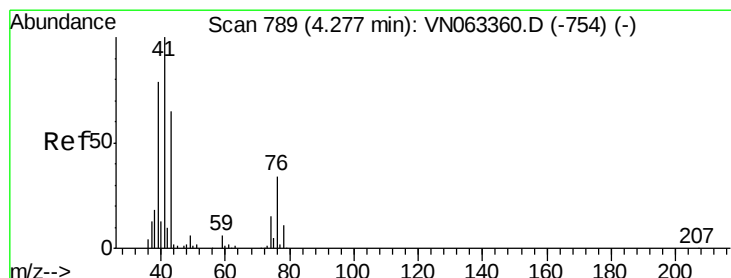
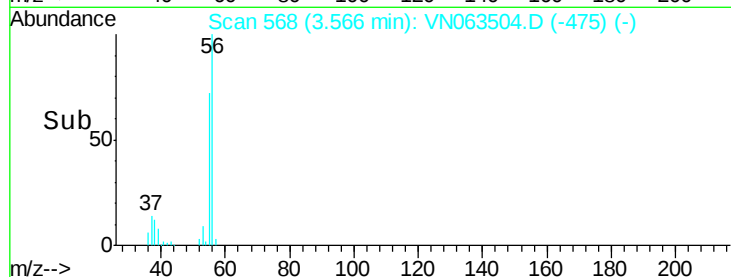
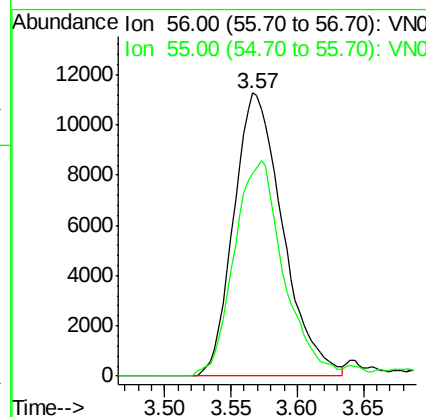
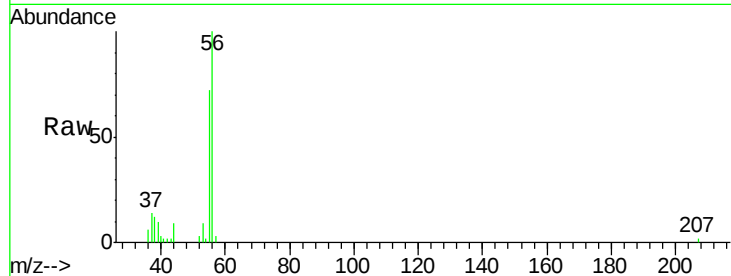
55 76.4 58.2 87.2

Manual Integrations

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#14

Allyl chloride

Concen: 17.436 ug/l

RT: 4.28 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN063504.D

Acq: 21 Sep 2020 23:41

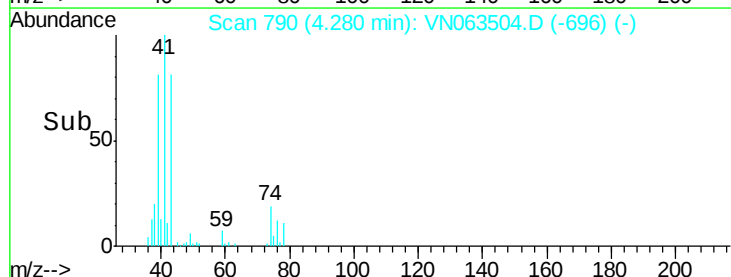
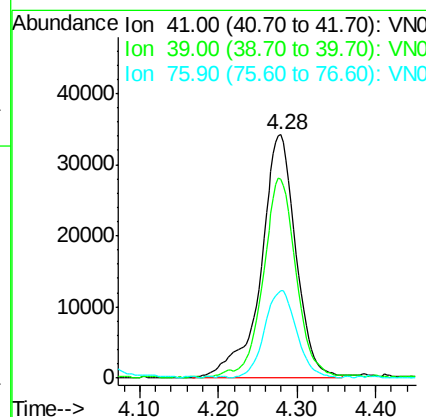
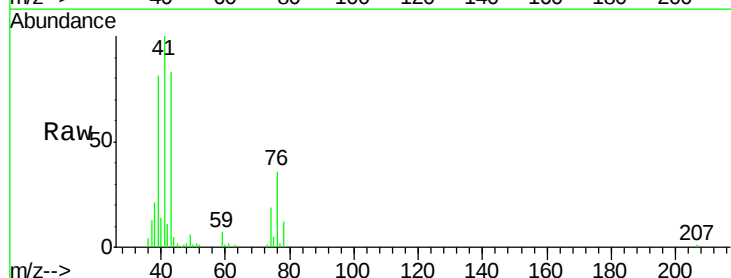
Tgt Ion: 41 Resp: 107273

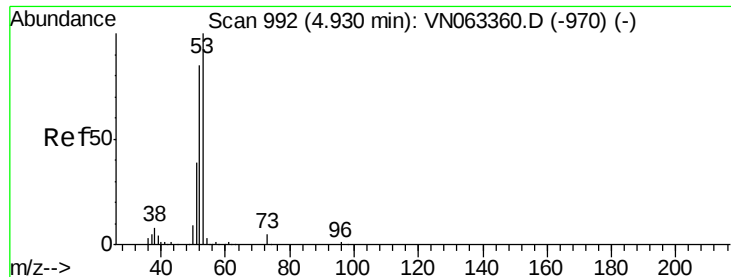
Ion Ratio Lower Upper

41 100

39 74.8 59.3 88.9

76 33.2 25.3 37.9





#15

Acrylonitrile

Concen: 99.434 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN063504.D

Acq: 21 Sep 2020 23:41

Instrument :

MSVOA_N

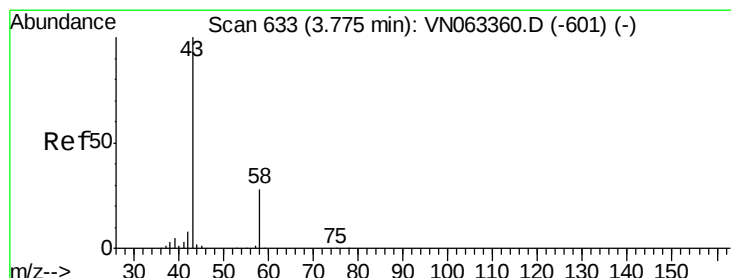
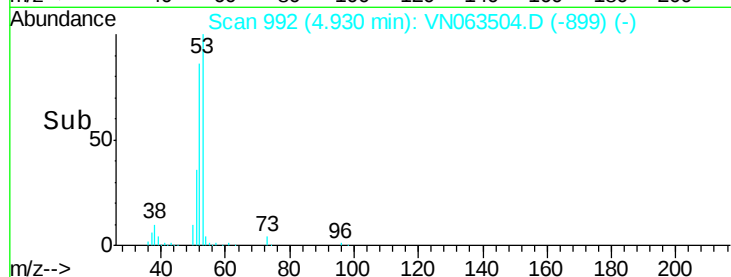
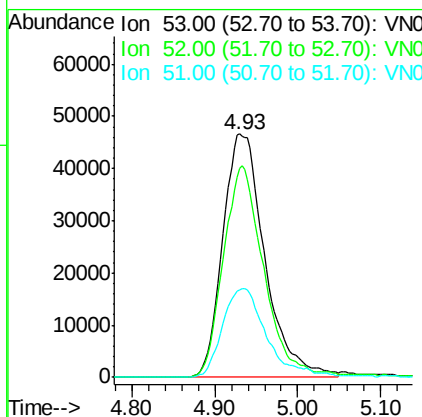
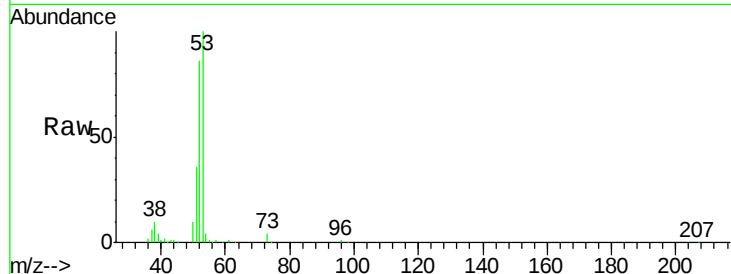
ClientSampleId :

VN0921WBS02

Tot Ion:	53	Resp:	164398
Ion	Ratio	Lower	Upper
53	100		
52	82.4	66.4	99.6
51	37.5	30.2	45.4

Manual Integrations
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#16

Acetone

Concen: 98.459 ug/l

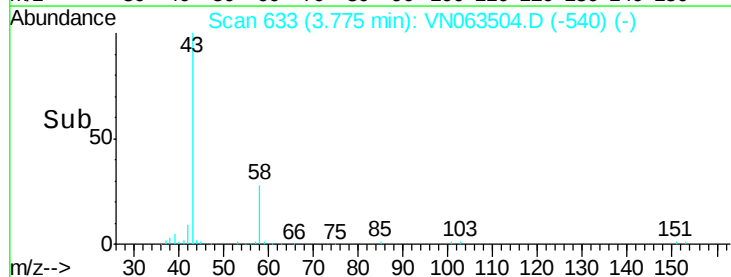
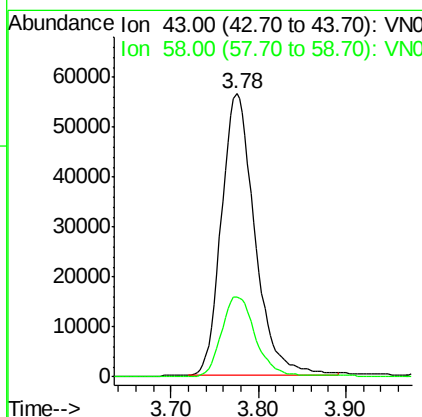
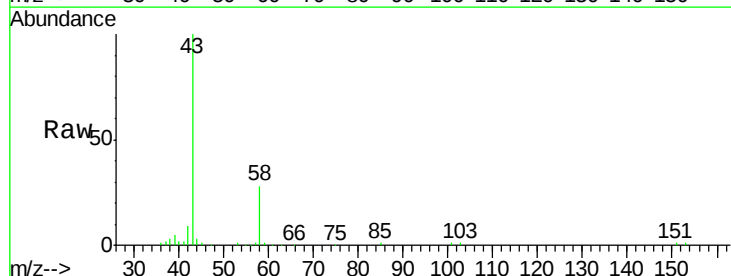
RT: 3.78 min Scan# 633

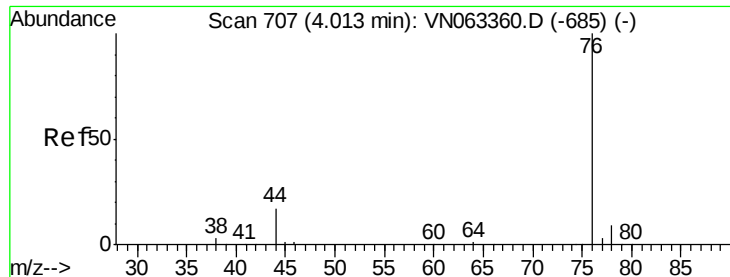
Delta R.T. -0.00 min

Lab File: VN063504.D

Acq: 21 Sep 2020 23:41

Tgt Ion:	43	Resp:	148464
Ion	Ratio	Lower	Upper
43	100		
58	28.5	22.3	33.5





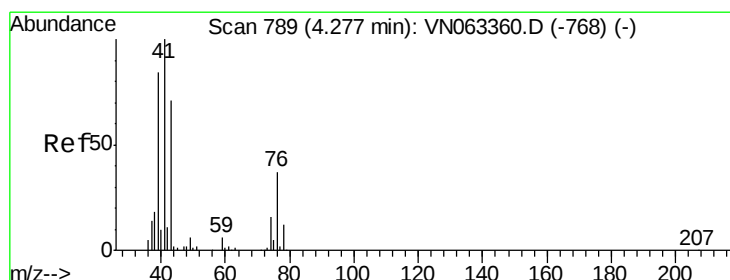
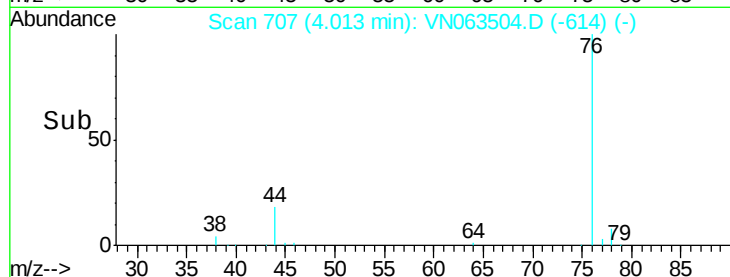
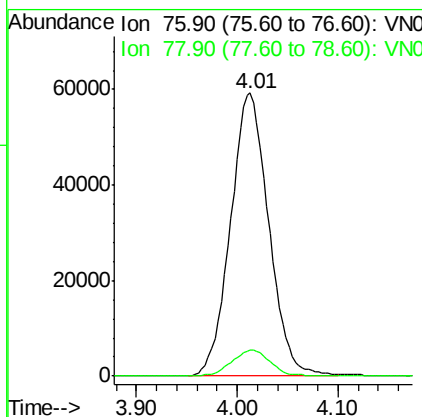
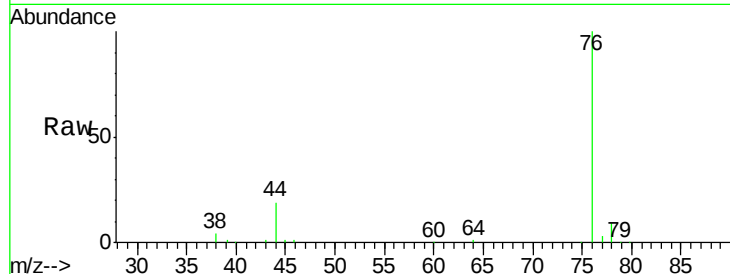
#17
Carbon Disulfide
Concen: 17.254 ug/l
RT: 4.01 min Scan# 707
Delta R.T. -0.00 min
Lab File: VN063504.D
Acq: 21 Sep 2020 23:41

Instrument :
MSVOA_N
ClientSampleId :
VN0921WBS02

Tot Ion: 76 Resp: 156101
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8

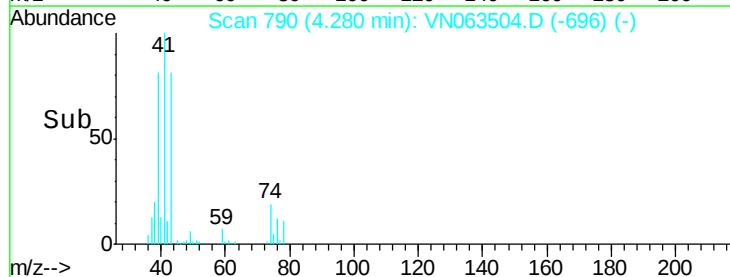
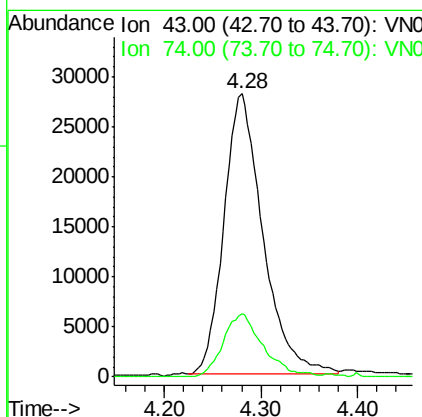
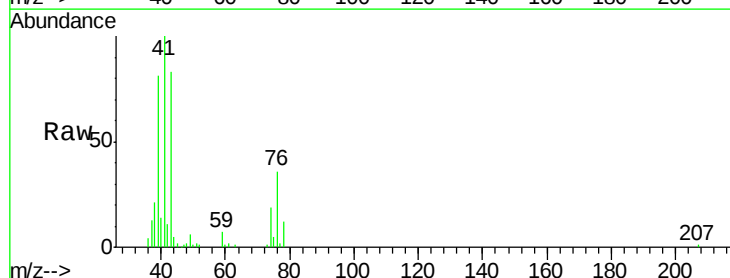
Manual Integrations
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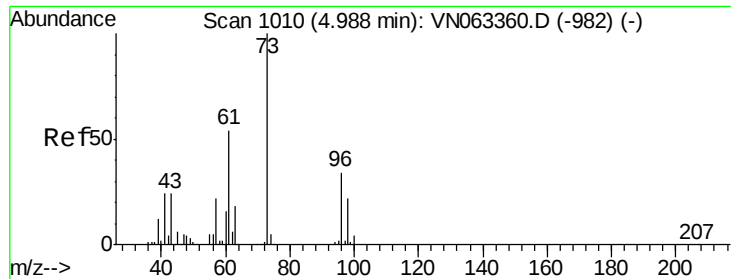
MMDadoda
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#18
Methyl Acetate
Concen: 20.546 ug/l
RT: 4.28 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN063504.D
Acq: 21 Sep 2020 23:41

Tgt Ion: 43 Resp: 78649
Ion Ratio Lower Upper
43 100
74 22.8 17.4 26.2





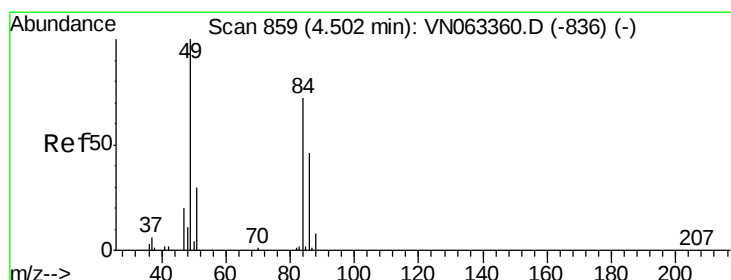
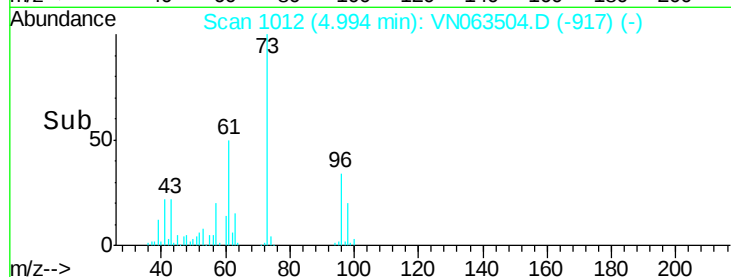
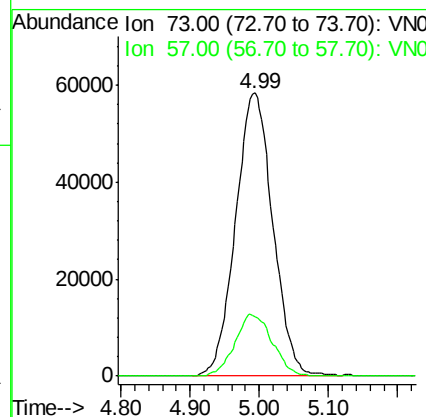
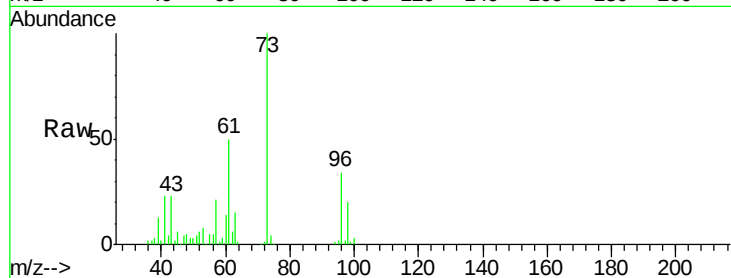
#19
Methvl tert-butvl Ether
Concen: 18.849 ug/l
RT: 4.99 min Scan# 1012
Delta R.T. 0.01 min
Lab File: VN063504.D
Acq: 21 Sep 2020 23:41

Instrument :
MSVOA_N
ClientSampleId :
VN0921WBS02

Tot Ion: 73 Resp: 218506
Ion Ratio Lower Upper
73 100
57 20.8 17.9 26.9

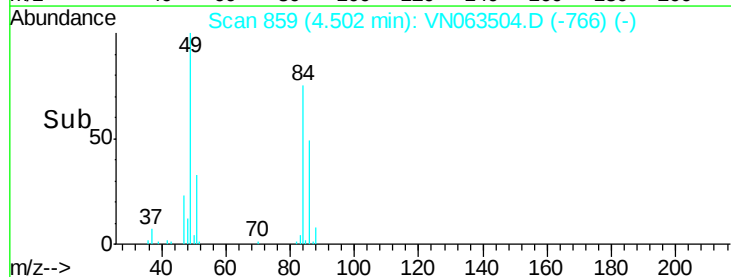
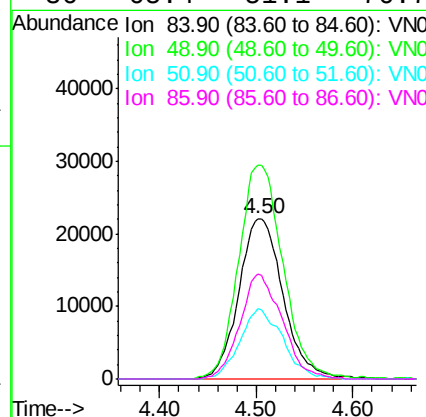
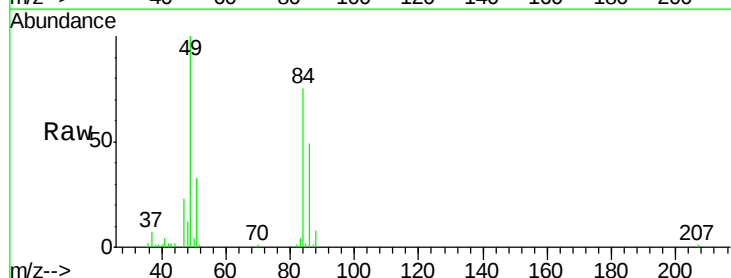
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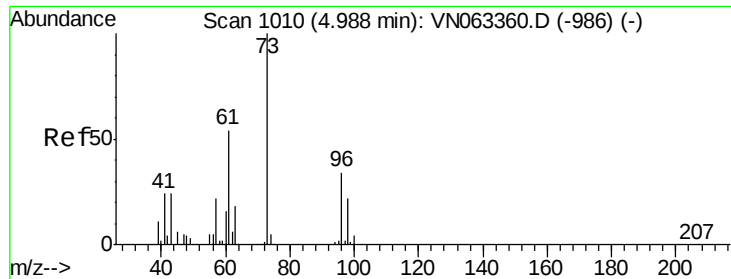
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#20
Methylene Chloride
Concen: 18.351 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN063504.D
Acq: 21 Sep 2020 23:41

Tgt Ion: 84 Resp: 70107
Ion Ratio Lower Upper
84 100
49 133.1 110.7 166.1
51 43.5 32.9 49.3
86 65.4 51.1 76.7





#21

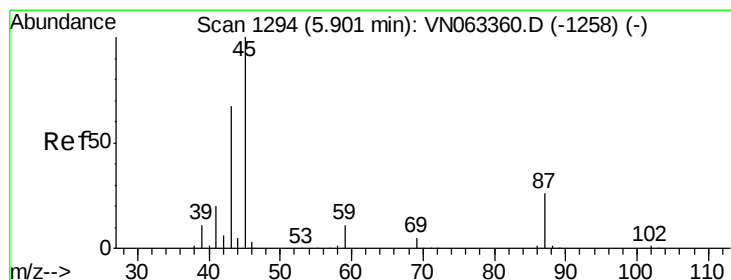
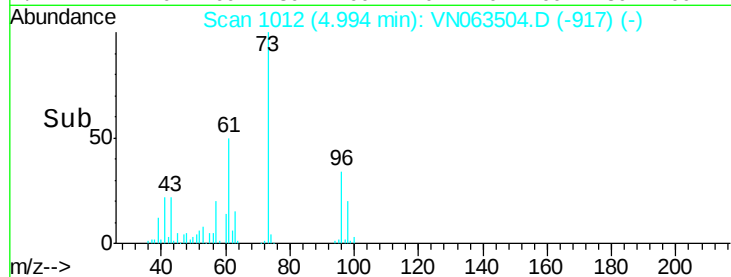
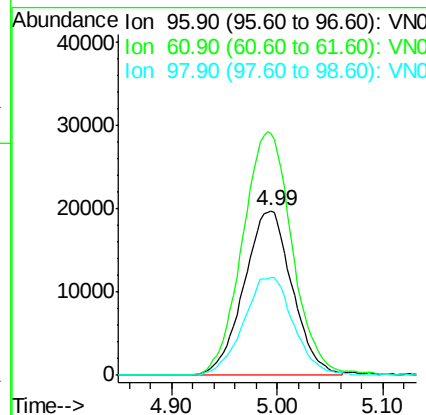
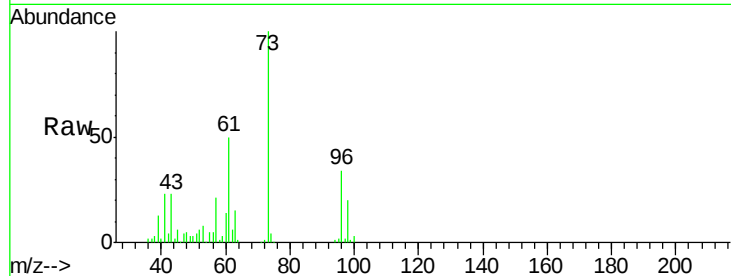
trans-1,2-Dichloroethene
Concen: 18.222 ug/l
RT: 4.99 min Scan# 1012
Delta R.T. 0.01 min
Lab File: VN063504.D
Acq: 21 Sep 2020 23:41

Instrument :
MSVOA_N
ClientSampleId :
VN0921WBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	147.4	126.2	189.4
98	59.5	51.0	76.4

Manual Integrations
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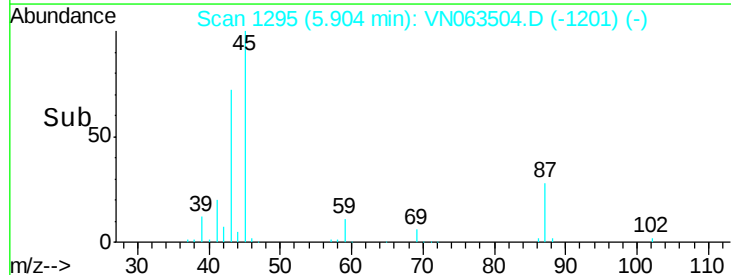
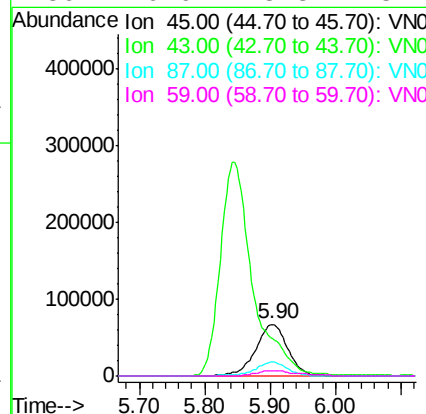
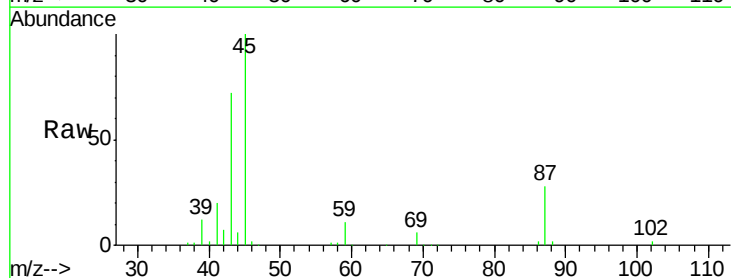
MMDadoda
9/22/2020 2:08:11 PM

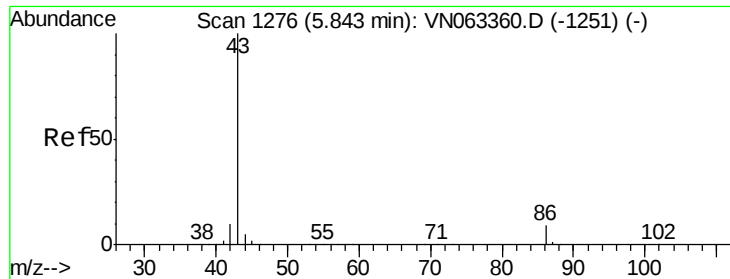


#22

Diisopropyl ether
Concen: 18.277 ug/l
RT: 5.90 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VN063504.D
Acq: 21 Sep 2020 23:41

Tgt Ion	Ratio	Lower	Upper
45	100		
43	71.1	53.5	80.3
87	28.3	21.2	31.8
59	10.9	8.8	13.2





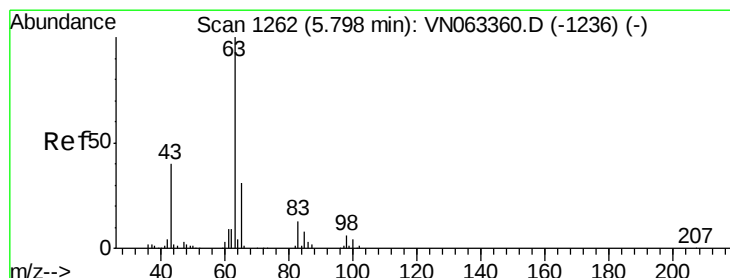
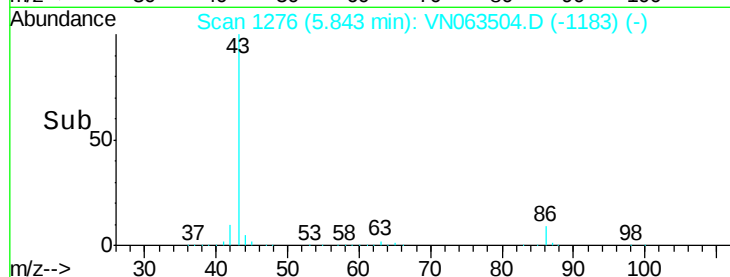
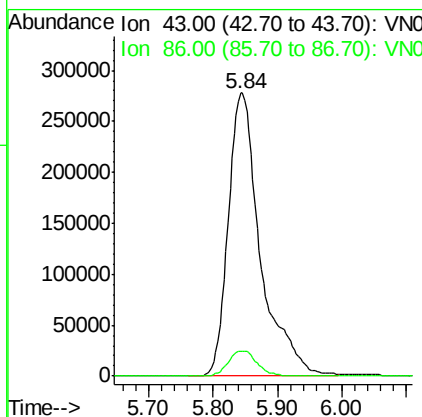
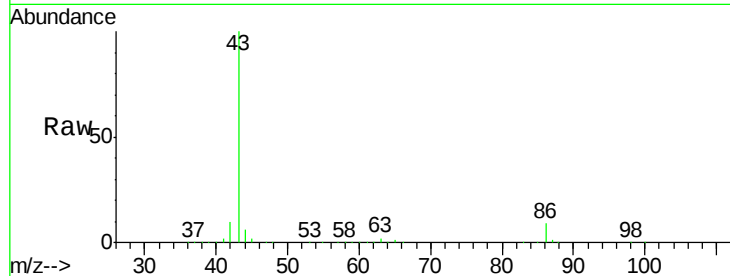
#23
 Vinyl Acetate
 Concen: 93.650 ug/l
 RT: 5.84 min Scan# 1276
 Delta R.T. -0.00 min
 Lab File: VN063504.D
 Acq: 21 Sep 2020 23:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBS02

Tot Ion	43	Resp	965061
Ion Ratio	100	Lower	Upper
43	100		
86	8.8	7.1	10.7

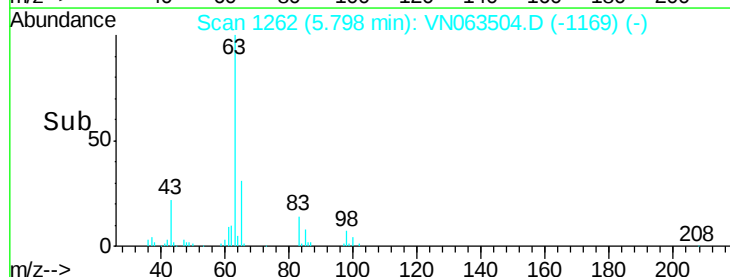
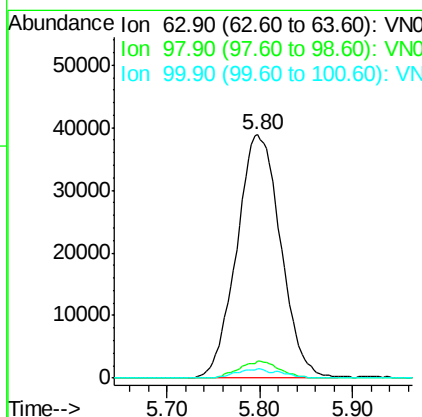
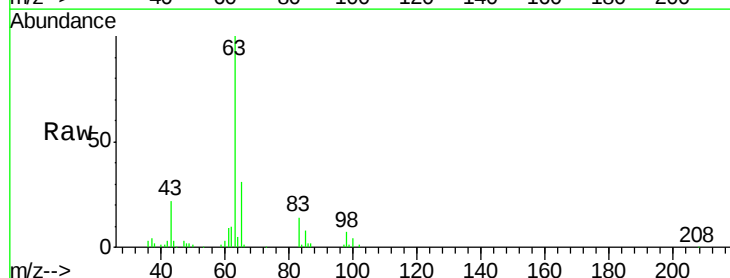
Manual Integrations
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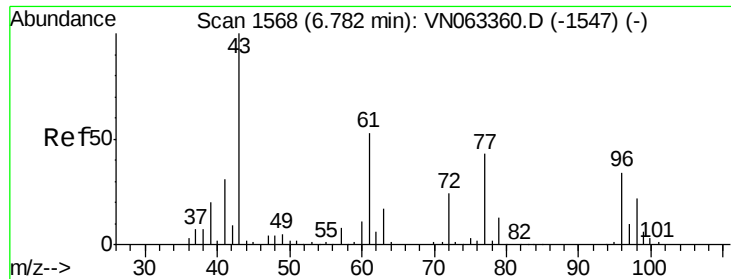
MMDadoda
 9/22/2020 2:08:11 PM



#24
 1,1-Dichloroethane
 Concen: 18.716 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. -0.00 min
 Lab File: VN063504.D
 Acq: 21 Sep 2020 23:41

Tgt Ion	63	Resp	128212
Ion Ratio	100	Lower	Upper
63	100		
98	7.0	2.9	8.8
100	3.9	2.1	6.3





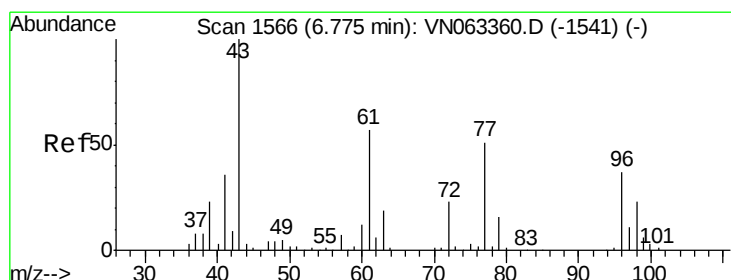
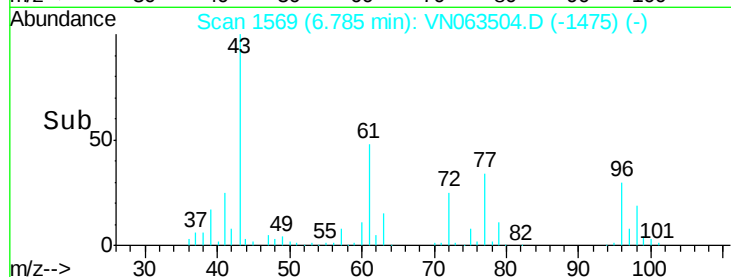
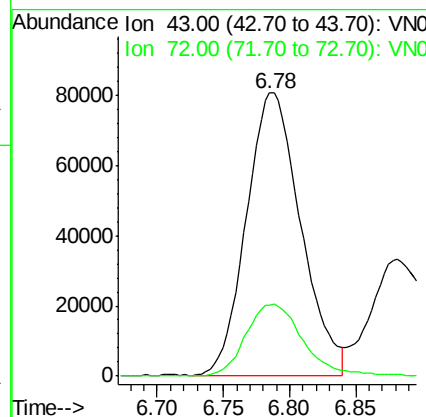
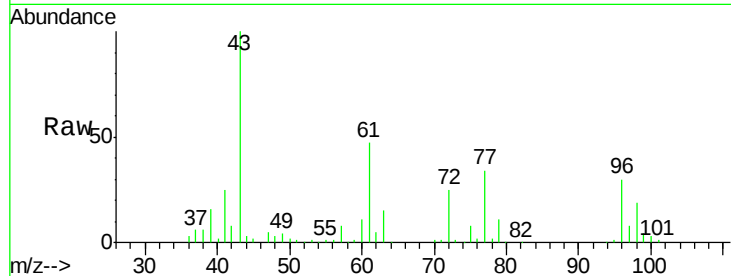
#25
2-Butanone
Concen: 99.126 ug/l
RT: 6.78 min Scan# 1569
Delta R.T. 0.00 min
Lab File: VN063504.D
Acq: 21 Sep 2020 23:41

Instrument :
MSVOA_N
ClientSampleId :
VN0921WBS02

Tot Ion: 43 Resp: 229881
Ion Ratio Lower Upper
43 100
72 25.4 19.2 28.8

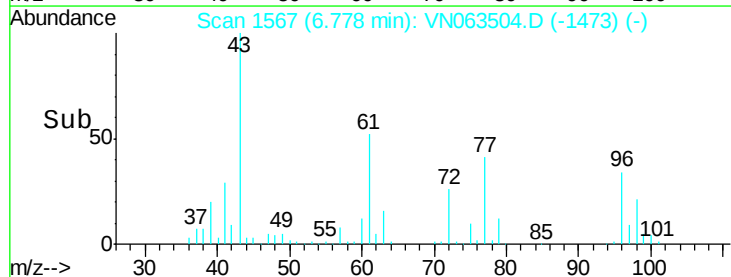
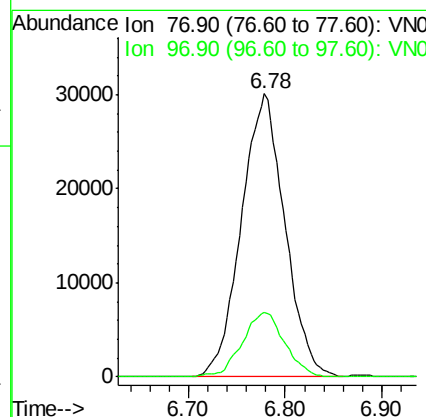
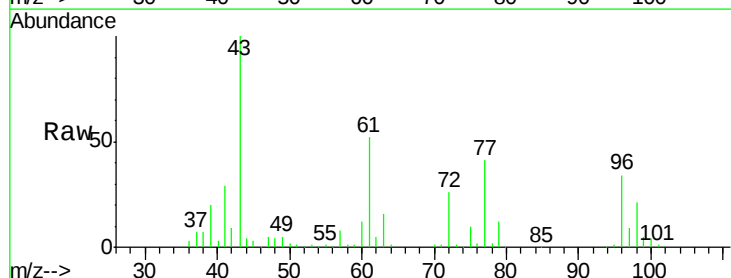
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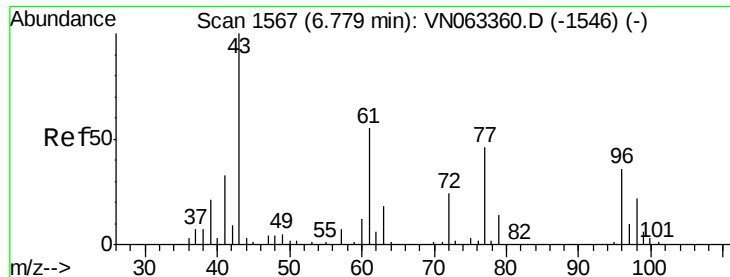
MMDadoda
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#26
2,2-Dichloropropane
Concen: 15.556 ug/l
RT: 6.78 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VN063504.D
Acq: 21 Sep 2020 23:41

Tgt Ion: 77 Resp: 93825
Ion Ratio Lower Upper
77 100
97 22.2 10.5 31.6





#27

cis-1,2-Dichloroethene

Concen: 19.006 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN063504.D

Acq: 21 Sep 2020 23:41

Instrument :

MSVOA_N

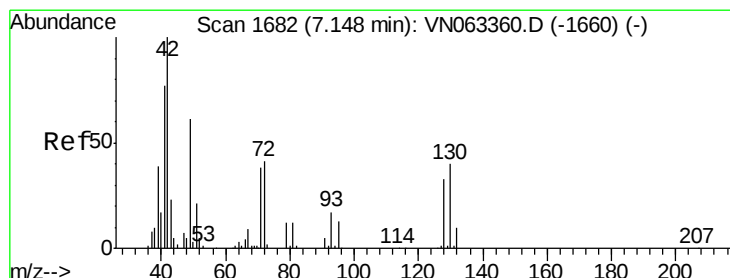
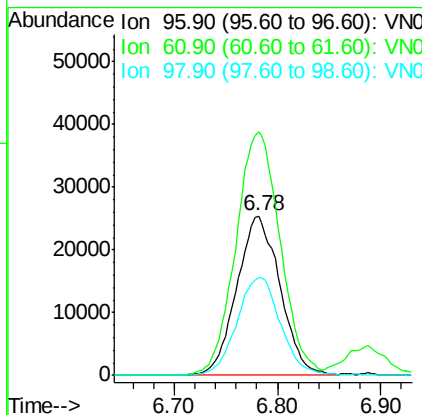
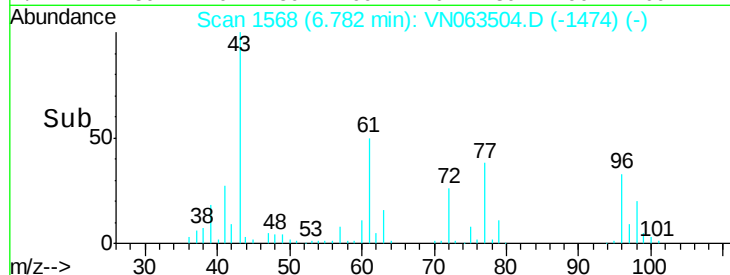
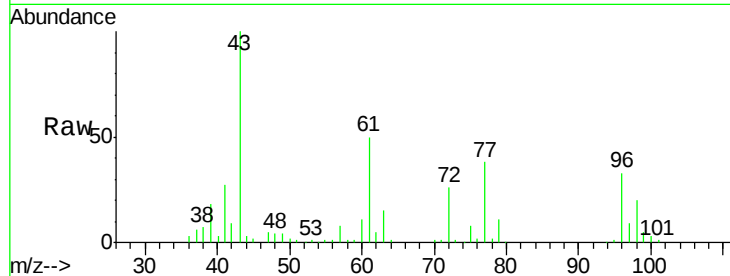
ClientSampleId :

VN0921WBS02

Tot Ion:	96	Resp:	74134
Ion	Ratio	Lower	Upper
96	100		
61	156.2	0.0	319.6
98	61.7	0.0	127.8

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#28

Bromochloromethane

Concen: 18.392 ug/l

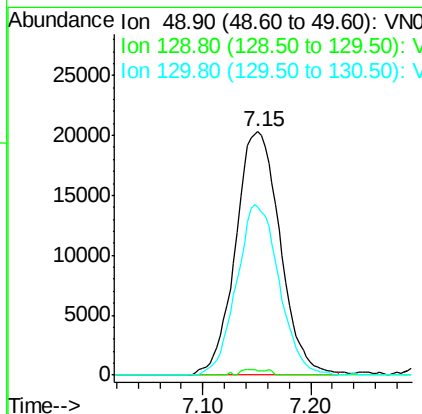
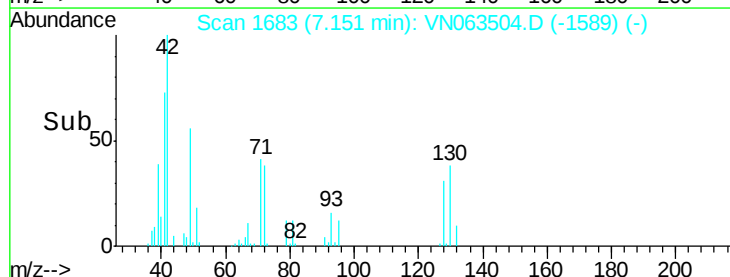
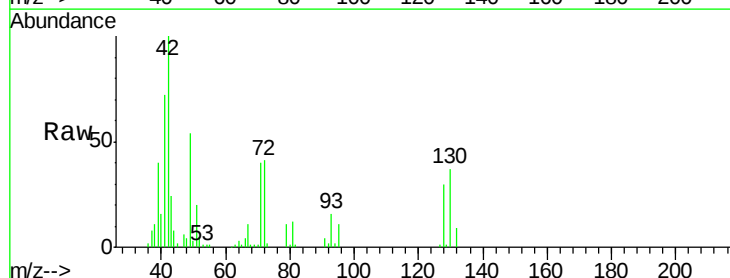
RT: 7.15 min Scan# 1683

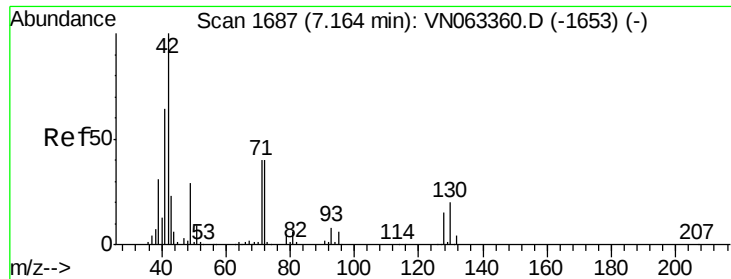
Delta R.T. 0.00 min

Lab File: VN063504.D

Acq: 21 Sep 2020 23:41

Tgt Ion:	49	Resp:	58176
Ion	Ratio	Lower	Upper
49	100		
129	1.0	0.0	3.8
130	66.7	52.2	78.2





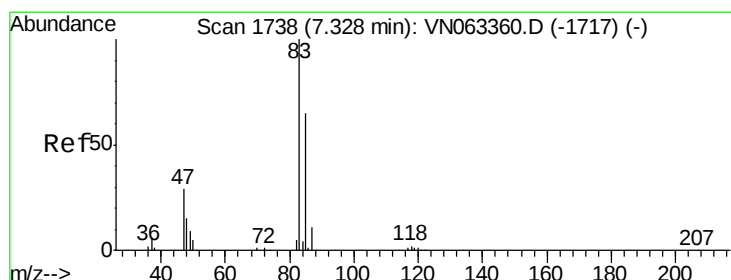
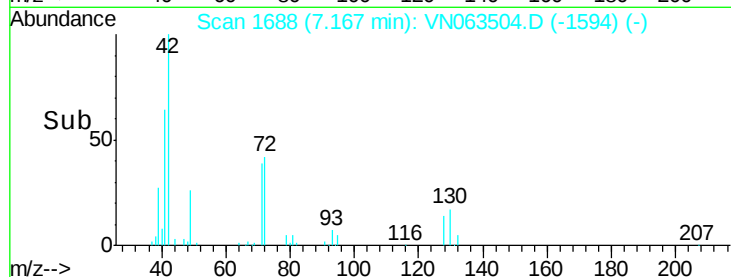
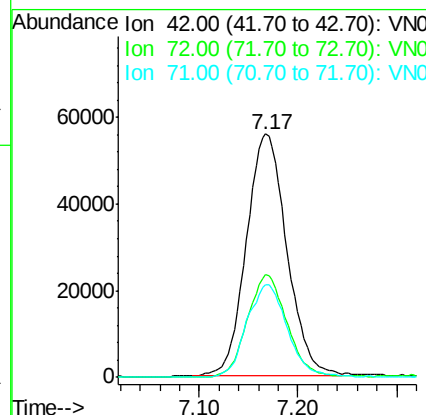
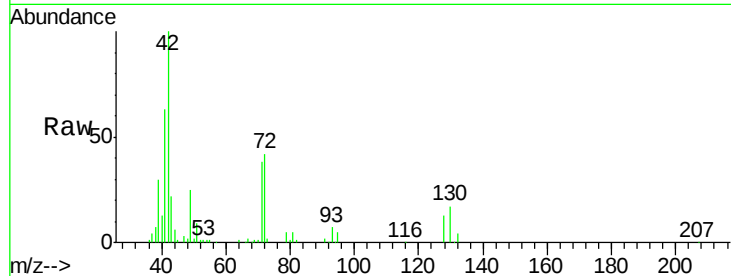
#29
Tetrahydrofuran
Concen: 100.101 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VN063504.D
Acq: 21 Sep 2020 23:41

Instrument :
MSVOA_N
ClientSampleId :
VN0921WBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.4	32.1	48.1
71	38.6	31.2	46.8

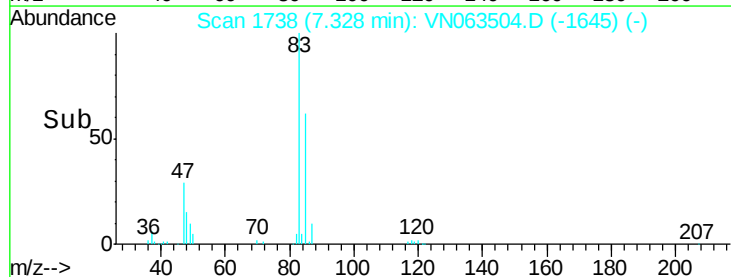
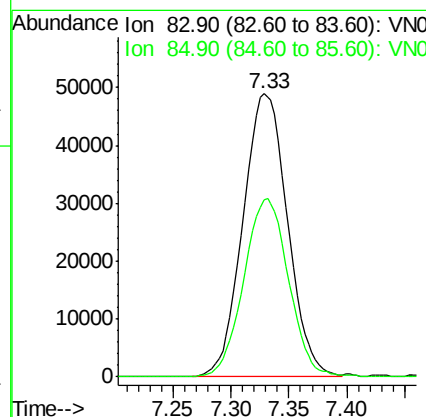
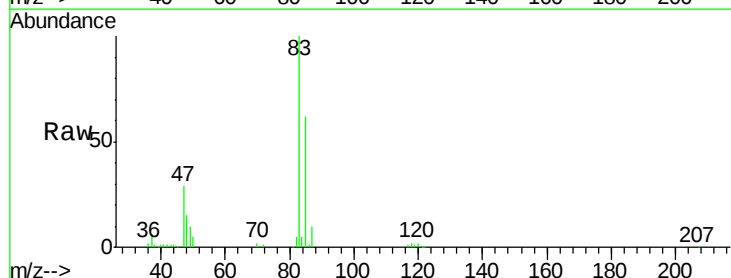
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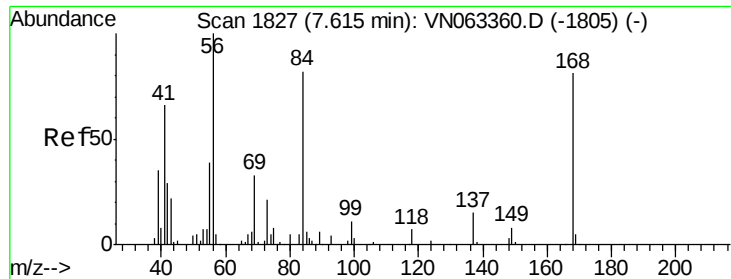
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#30
Chloroform
Concen: 19.059 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VN063504.D
Acq: 21 Sep 2020 23:41

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.4	52.1	78.1





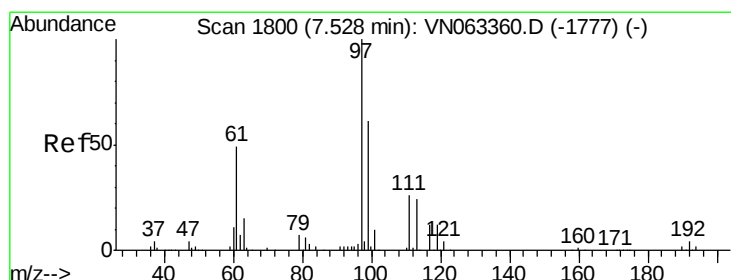
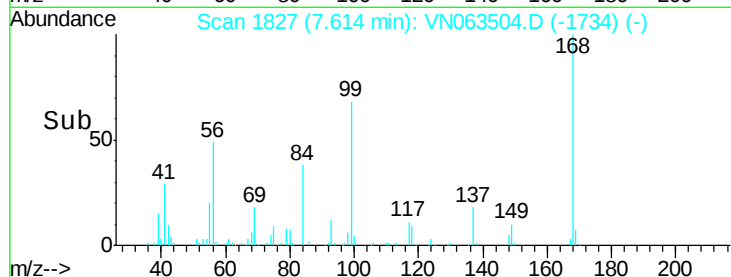
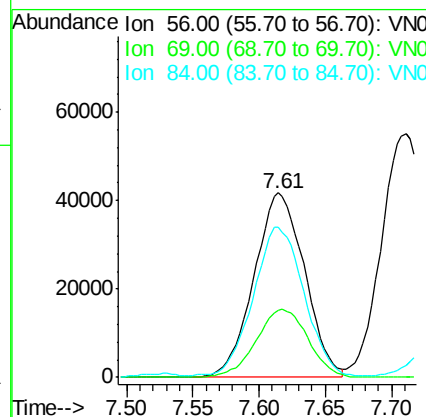
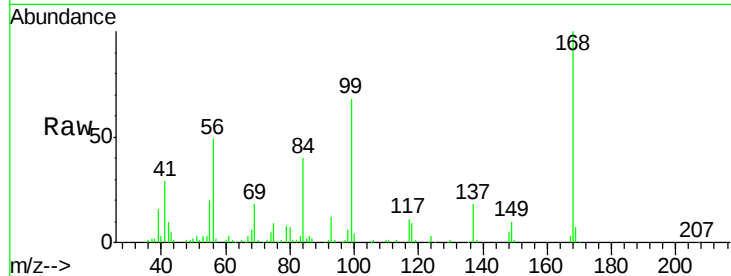
#31
Cyclohexane
Concen: 17.115 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. -0.00 min
Lab File: VN063504.D
Acq: 21 Sep 2020 23:41

Instrument :
MSVOA_N
ClientSampleId :
VN0921WBS02

Tot Ion	Ratio	Lower	Upper
56	100		
69	36.6	26.1	39.1
84	80.4	65.4	98.2

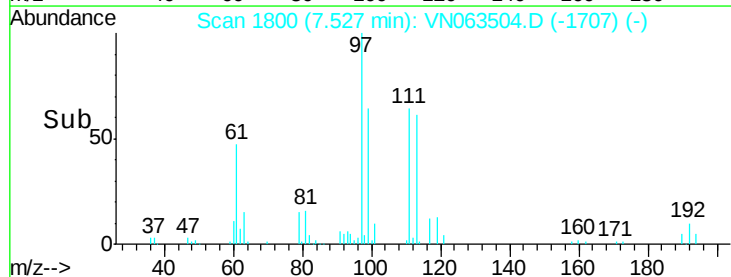
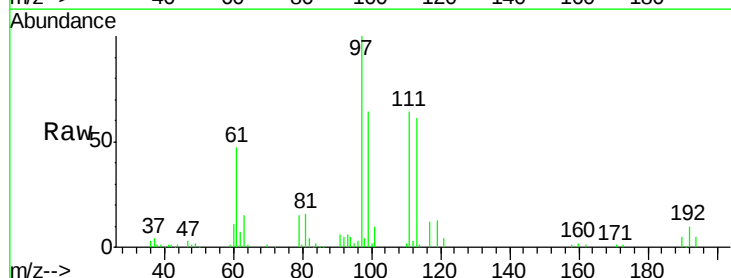
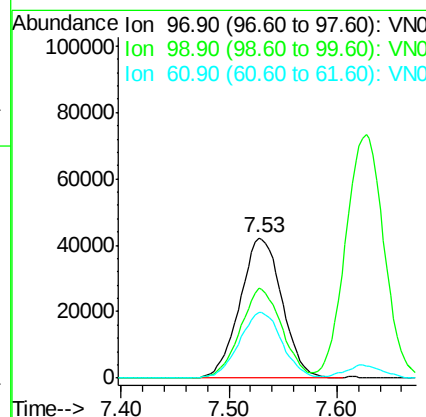
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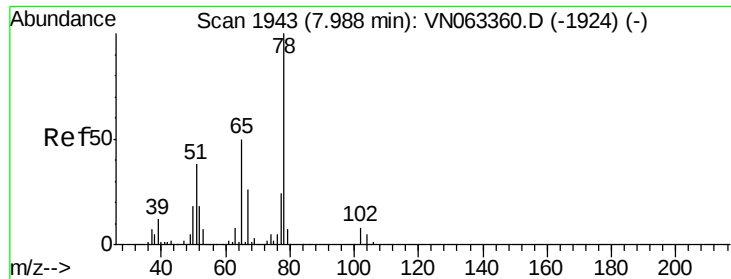
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#32
1,1,1-Trichloroethane
Concen: 18.699 ug/l
RT: 7.53 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VN063504.D
Acq: 21 Sep 2020 23:41

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.1	50.6	76.0
61	47.5	39.2	58.8





#33

1,2-Dichloroethane-d4

Concen: 48.392 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN063504.D

Acq: 21 Sep 2020 23:41

Instrument :

MSVOA_N

ClientSampleId :

VN0921WBS02

Tot Ion: 65 Resp: 227048

Ion Ratio Lower Upper

65 100

67 49.8

0.0

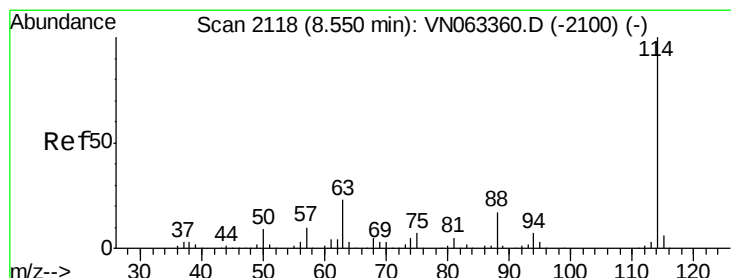
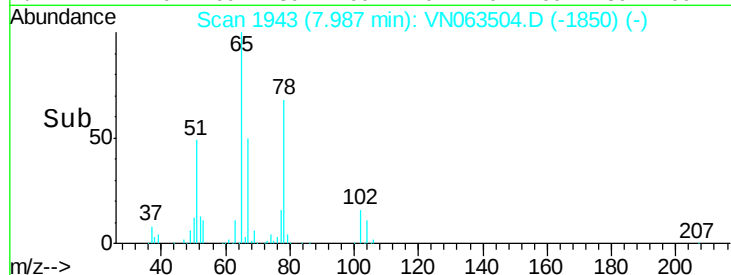
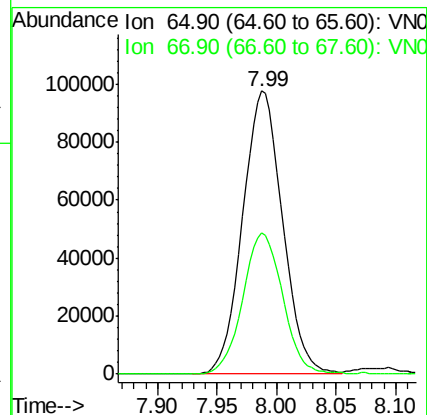
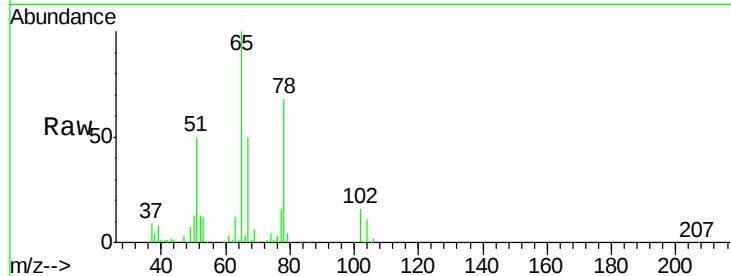
104.2

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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: VN063504.D

Acq: 21 Sep 2020 23:41

Tgt Ion: 114 Resp: 490587

Ion Ratio Lower Upper

114 100

63 22.9

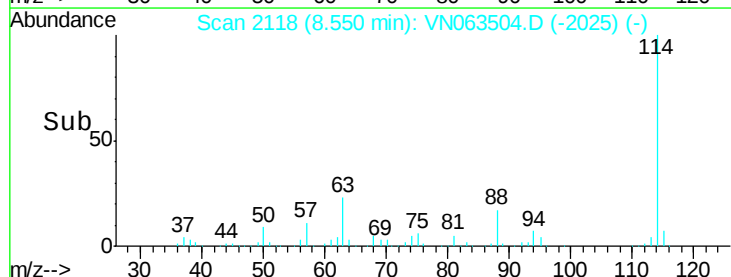
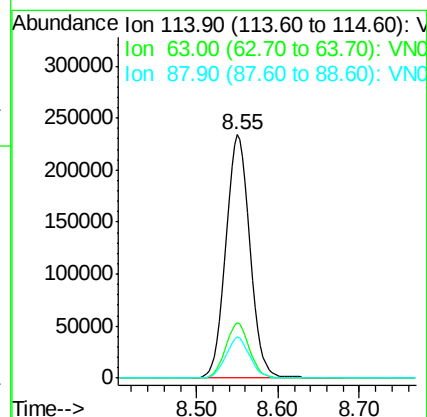
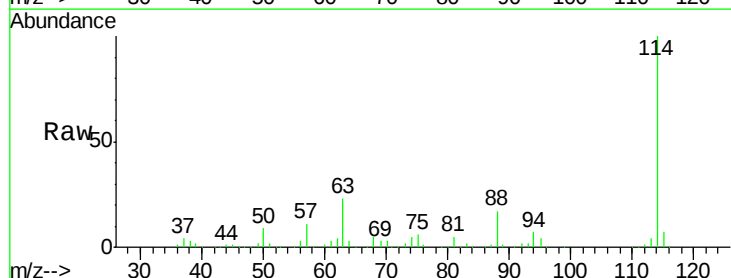
0.0

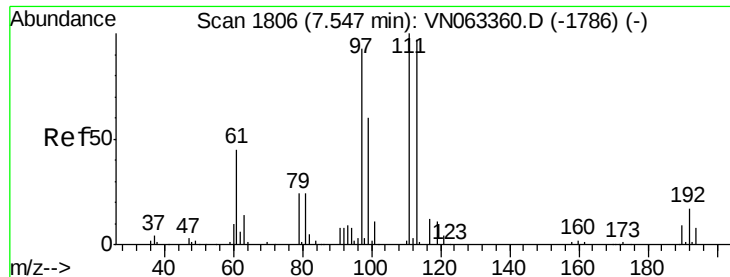
46.4

88 17.0

0.0

33.2





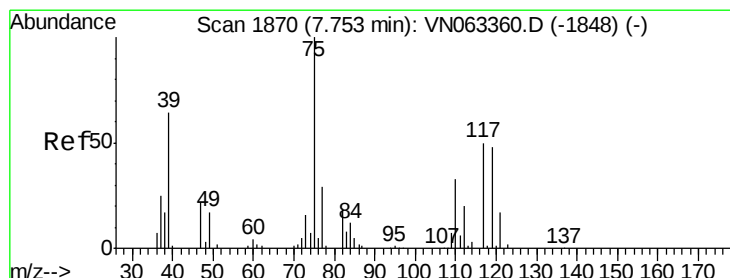
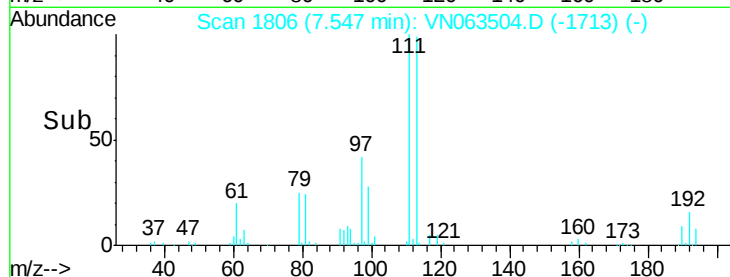
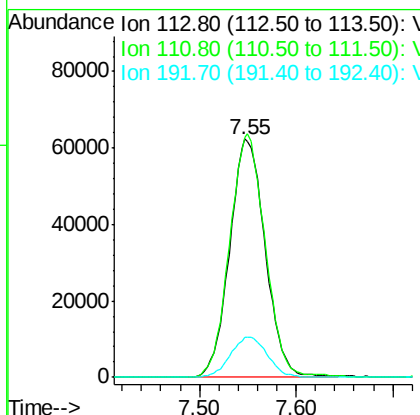
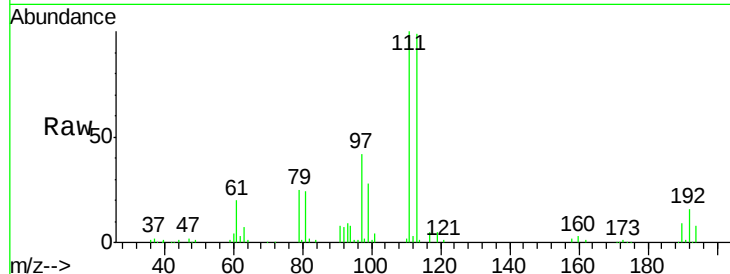
#35
 Dibromofluoromethane
 Concen: 46.797 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN063504.D
 Acq: 21 Sep 2020 23:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBS02

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	101.5	82.9	124.3	
192	17.6	13.9	20.9	

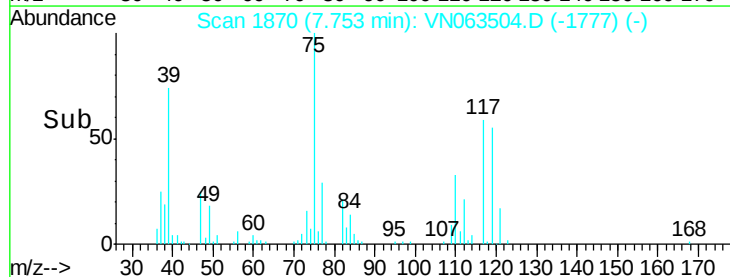
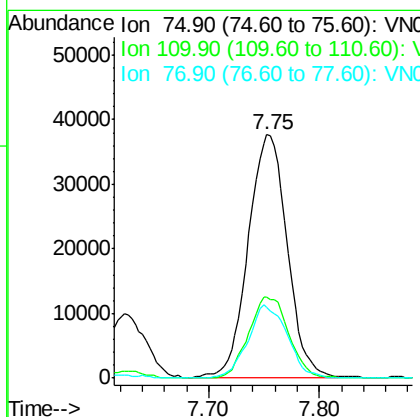
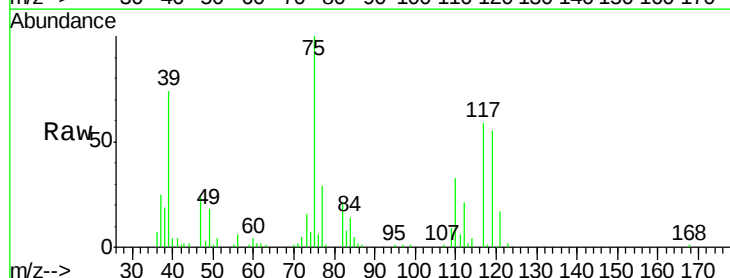
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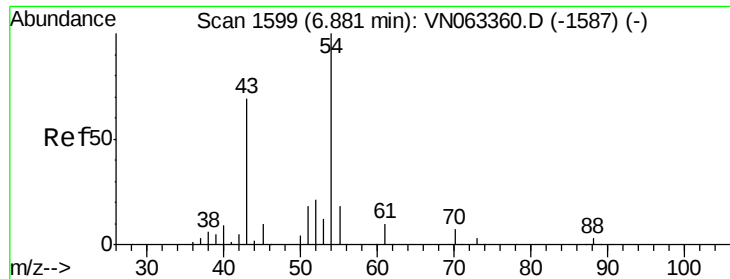
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#36
 1,1-Dichloropropene
 Concen: 17.711 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: VN063504.D
 Acq: 21 Sep 2020 23:41

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	34.1	16.5	49.5	
77	30.2	24.6	36.8	





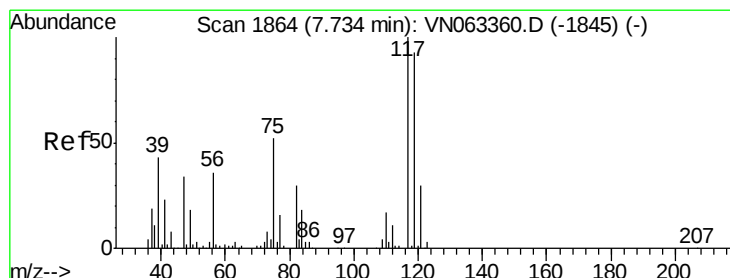
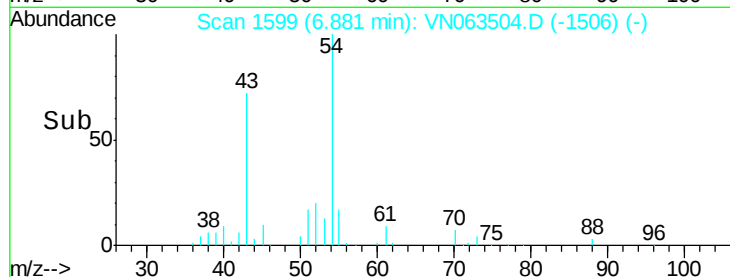
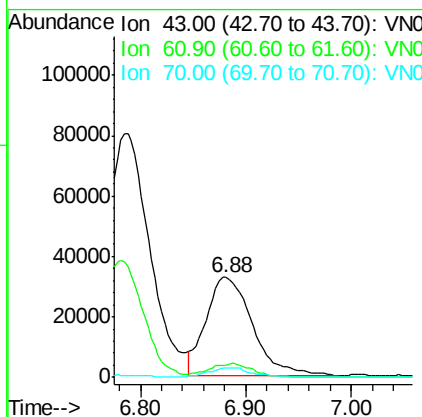
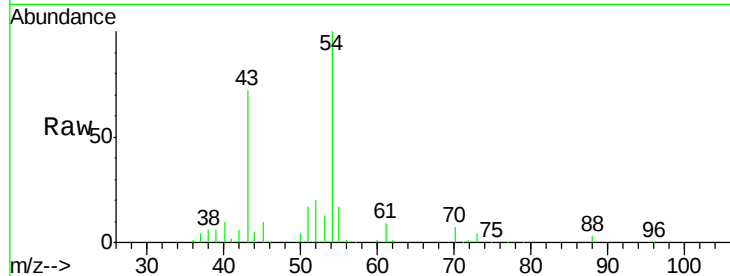
#37
Ethyl Acetate
Concen: 19.389 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VN063504.D
Acq: 21 Sep 2020 23:41

Instrument :
MSVOA_N
ClientSampleId :
VN0921WBS02

Tot Ion	43	61	70
Resp	99457		
Ratio	100	13.8	9.2
Lower		10.6	7.2
Upper		15.8	10.8

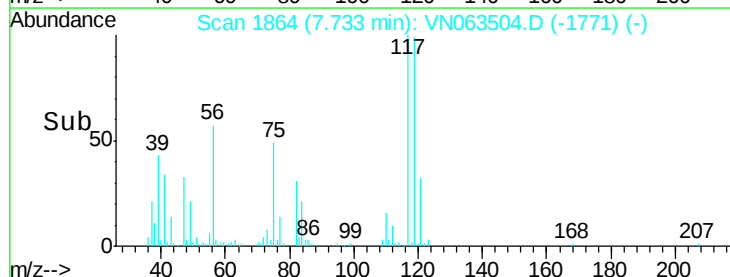
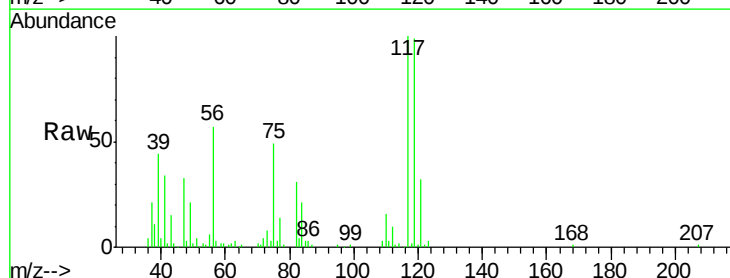
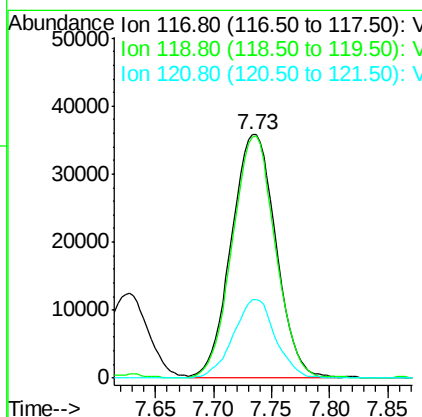
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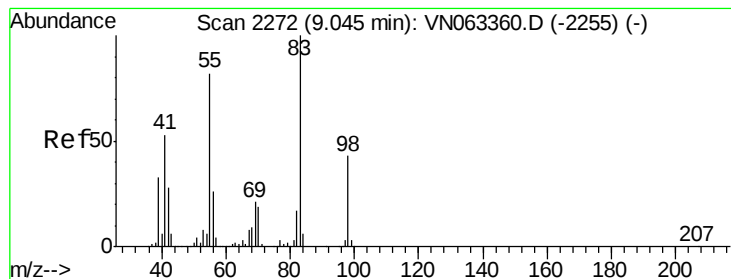
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#38
Carbon Tetrachloride
Concen: 18.019 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN063504.D
Acq: 21 Sep 2020 23:41

Tgt Ion	117	119	121
Resp	96136		
Ratio	100	98.9	32.4
Lower		74.5	24.1
Upper		111.7	36.1





#39

Methvlcvclohexane

Concen: 16.598 ug/l

RT: 9.05 min Scan# 2272

Delta R.T. -0.00 min

Lab File: VN063504.D

Acq: 21 Sep 2020 23:41

Instrument :

MSVOA_N

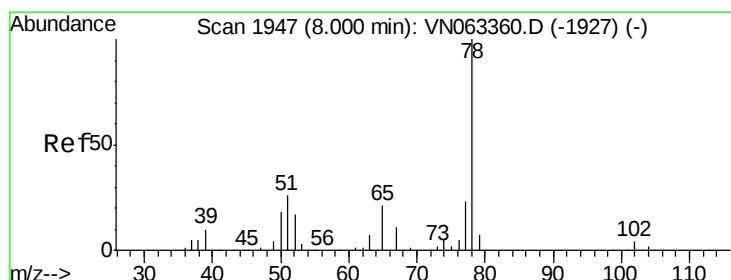
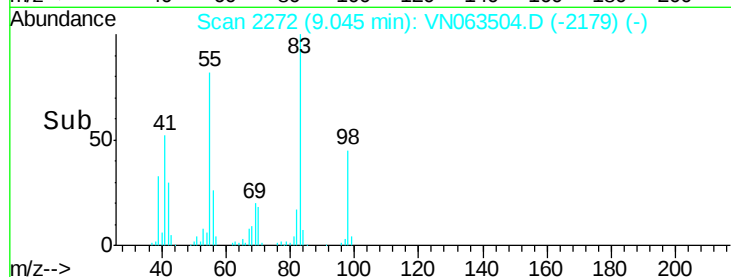
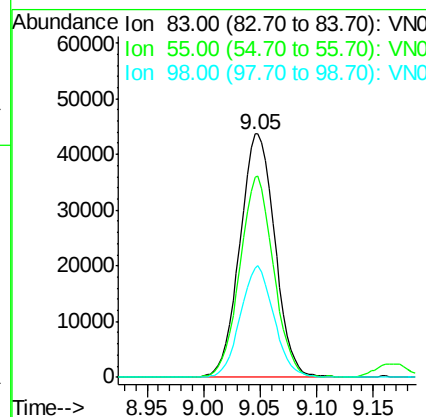
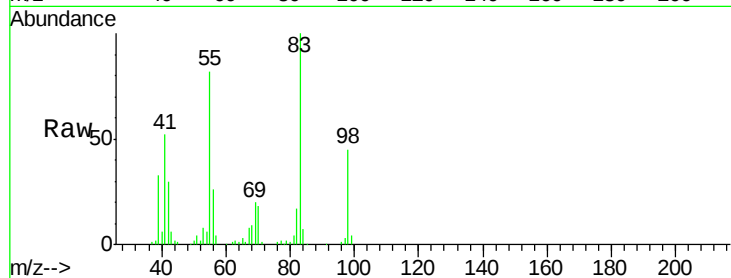
ClientSampleId :

VN0921WBS02

Tot Ion:	83	Resp:	94154
Ion Ratio	Lower	Upper	
83	100		
55	82.2	65.5	98.3
98	44.8	34.2	51.4

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#40

Benzene

Concen: 18.027 ug/l

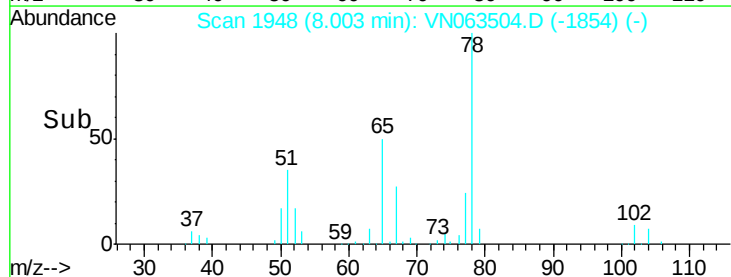
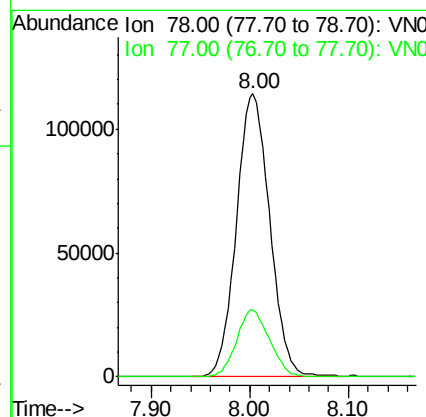
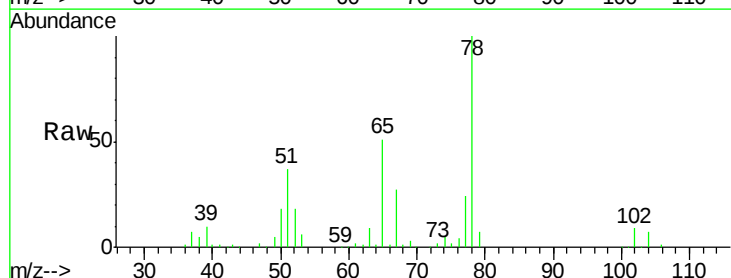
RT: 8.00 min Scan# 1948

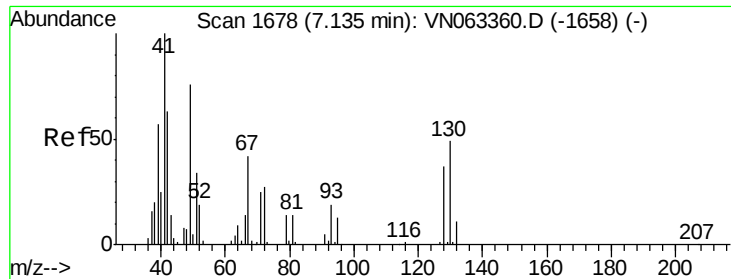
Delta R.T. 0.00 min

Lab File: VN063504.D

Acq: 21 Sep 2020 23:41

Tgt Ion:	78	Resp:	268951
Ion Ratio	Lower	Upper	
78	100		
77	23.9	18.3	27.5





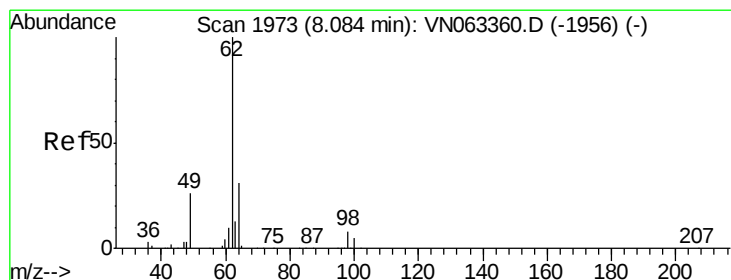
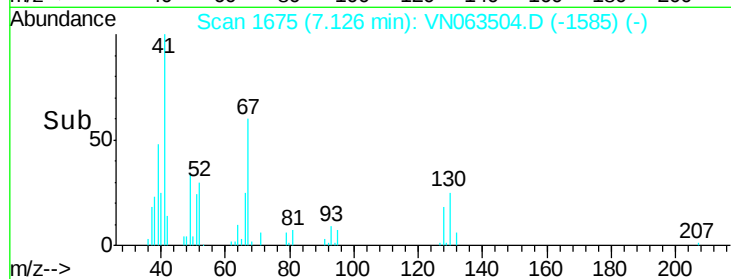
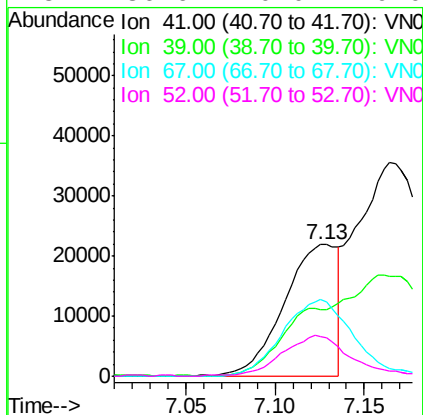
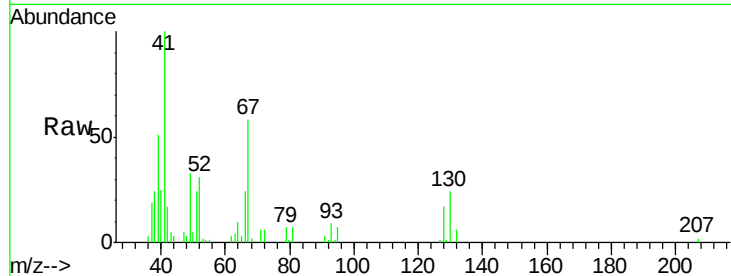
#41
Methacrylonitrile
Concen: 19.840 ug/l
RT: 7.13 min Scan# 1675
Delta R.T. -0.01 min
Lab File: VN063504.D
Acq: 21 Sep 2020 23:41

Instrument :
MSVOA_N
ClientSampleId :
VN0921WBS02

Tot Ion	Ratio	Lower	Upper
41	100		
39	44.5	0.0	0.0#
67	76.6	0.0	0.0#
52	36.6	0.0	0.0#

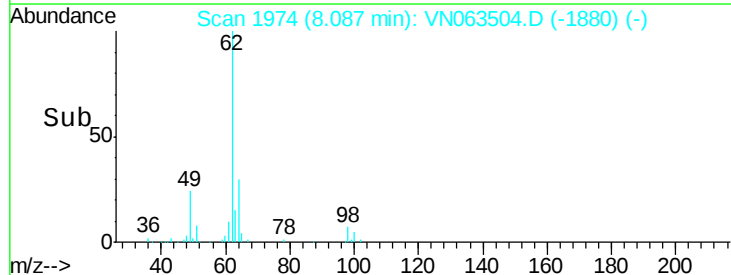
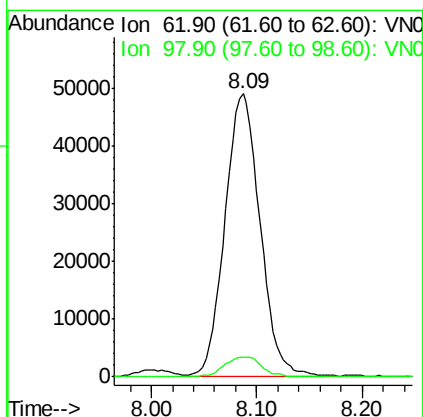
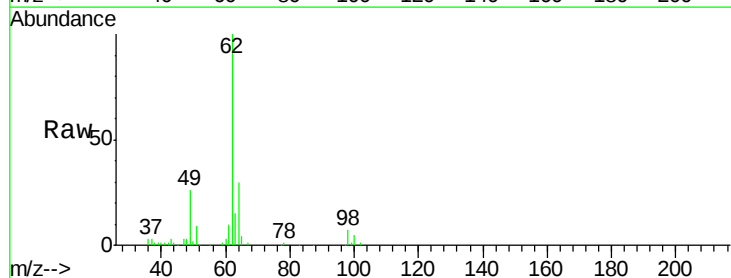
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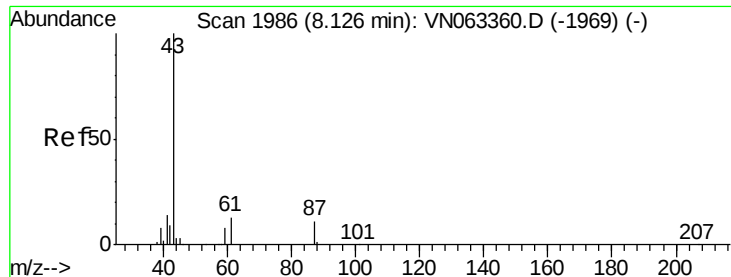
MMDadoda
9/22/2020 2:08:11 PM



#42
1,2-Dichloroethane
Concen: 18.852 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN063504.D
Acq: 21 Sep 2020 23:41

Tgt Ion	Ratio	Lower	Upper
62	100		
98	7.5	0.0	15.6





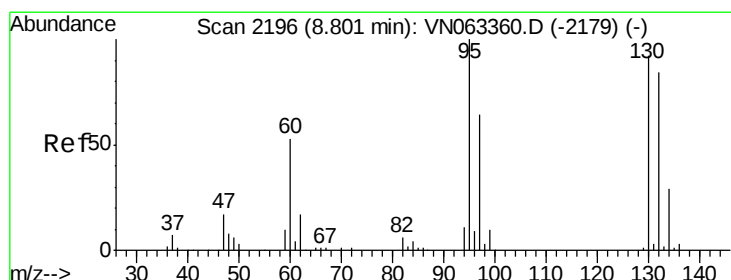
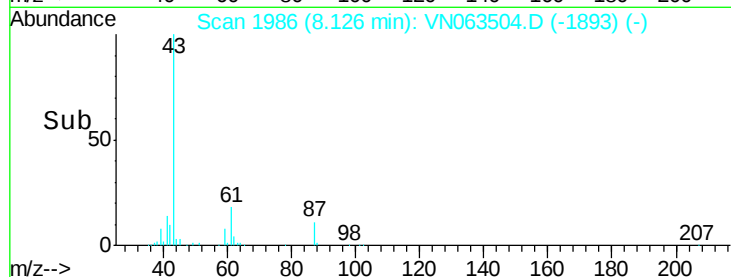
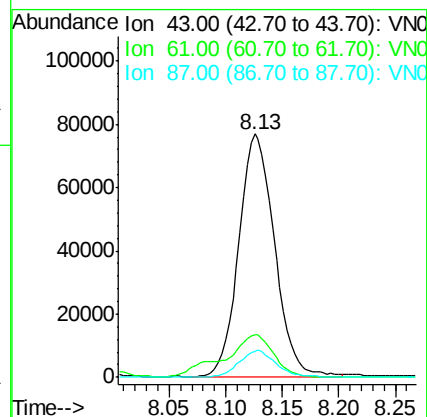
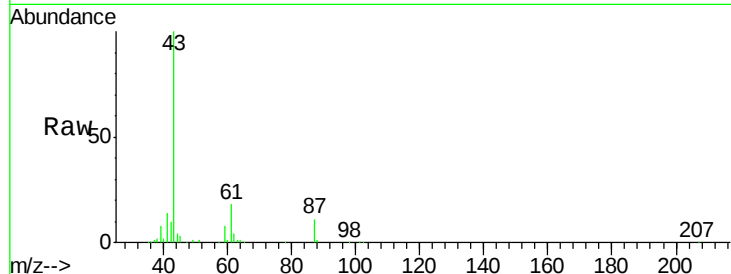
#43
Isopropyl Acetate
Concen: 18.435 ug/l
RT: 8.13 min Scan# 1986
Delta R.T. -0.00 min
Lab File: VN063504.D
Acq: 21 Sep 2020 23:41

Instrument :
MSVOA_N
ClientSampleId :
VN0921WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.1	14.2	21.2
87	11.4	9.0	13.6

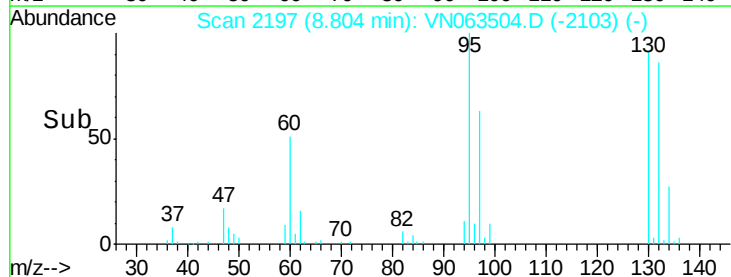
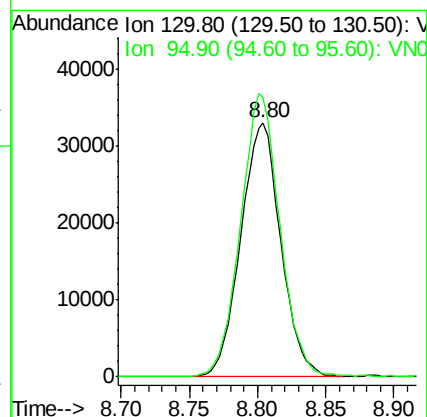
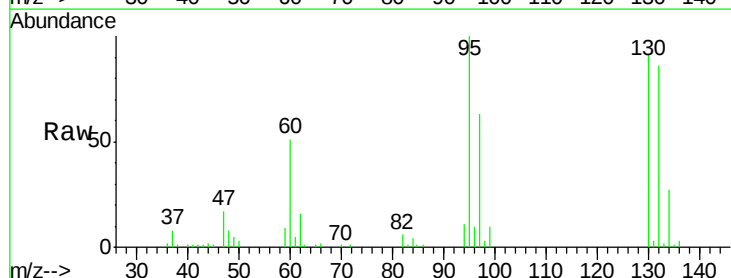
Manual Integrations
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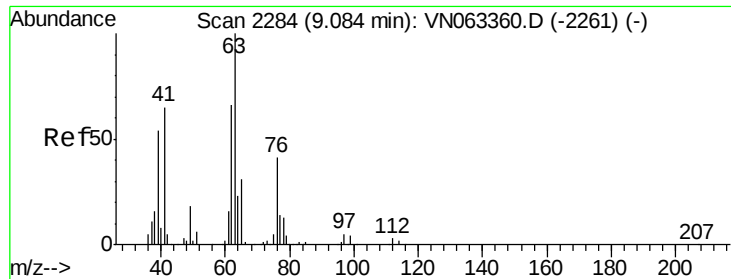
MMDadoda
9/22/2020 2:08:11 PM



#44
Trichloroethene
Concen: 18.547 ug/l
RT: 8.80 min Scan# 2197
Delta R.T. 0.00 min
Lab File: VN063504.D
Acq: 21 Sep 2020 23:41

Tgt Ion	Ratio	Lower	Upper
130	100		
95	109.8	0.0	217.4





#45

1,2-Dichloropropane

Concen: 18.599 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN063504.D

Acq: 21 Sep 2020 23:41

Instrument :

MSVOA_N

ClientSampleId :

VN0921WBS02

Tot Ion: 63 Resp: 75579

Ion Ratio Lower Upper

63 100

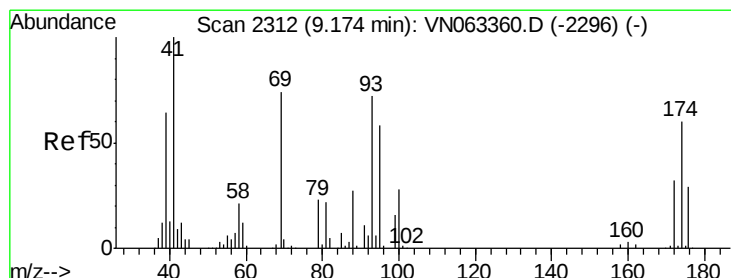
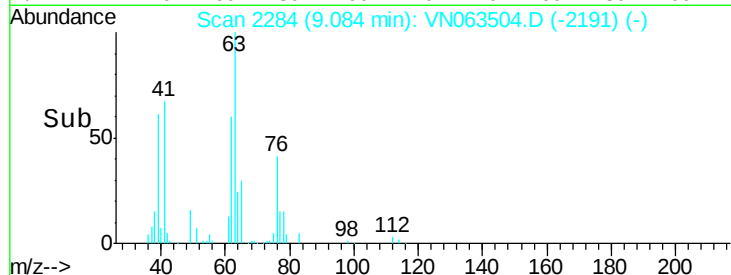
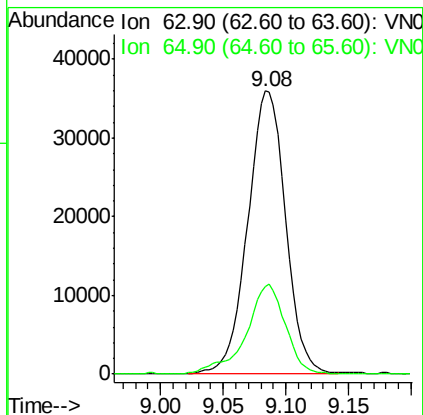
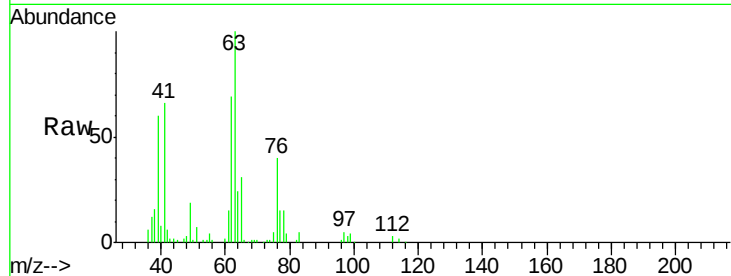
65 31.0 25.0 37.6

Manual Integrations

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#46

Dibromomethane

Concen: 19.524 ug/l

RT: 9.18 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN063504.D

Acq: 21 Sep 2020 23:41

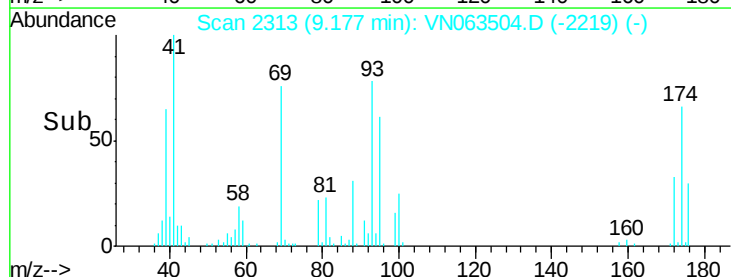
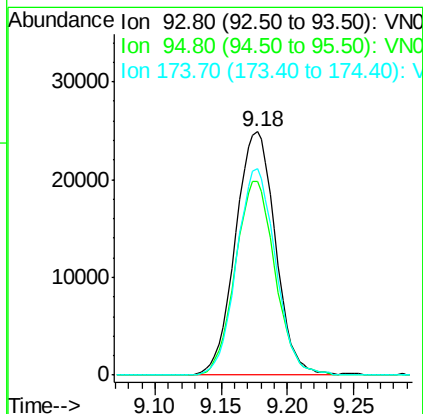
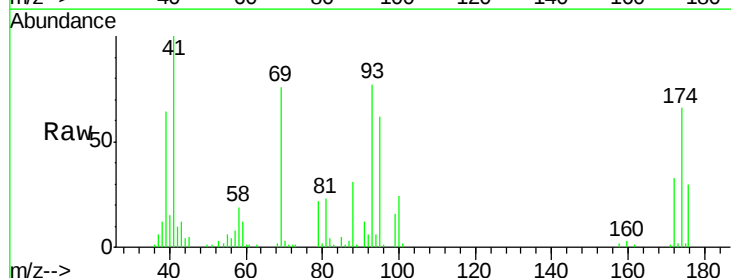
Tgt Ion: 93 Resp: 52143

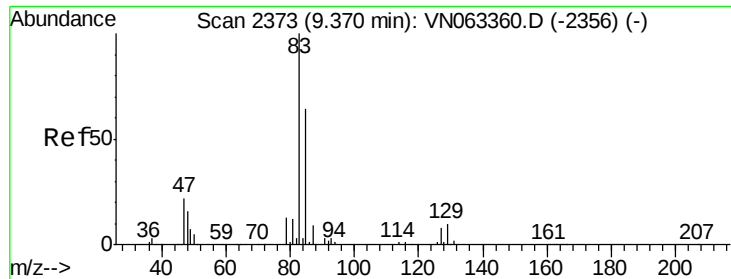
Ion Ratio Lower Upper

93 100

95 79.1 65.6 98.4

174 82.6 68.1 102.1





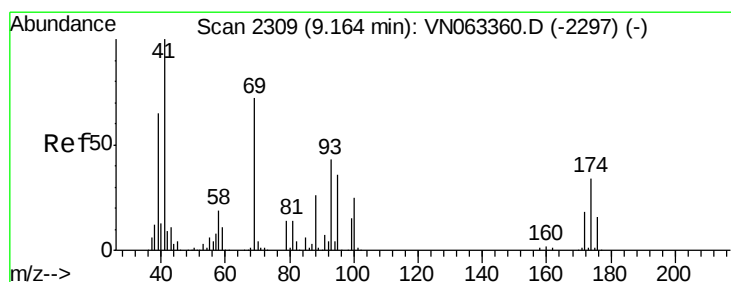
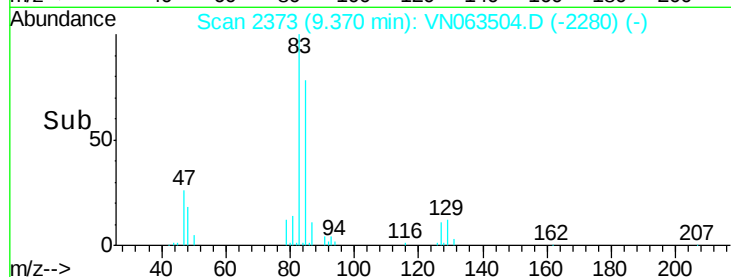
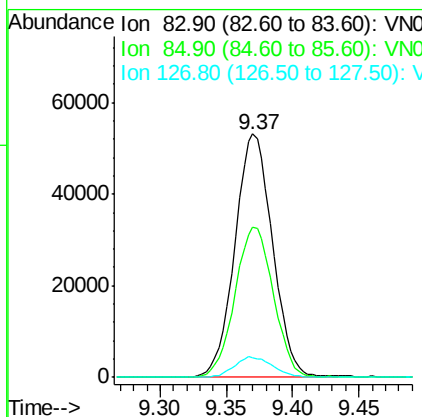
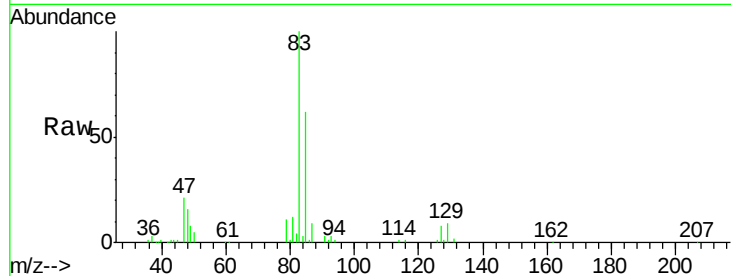
#47
Bromodichloromethane
Concen: 18.919 ug/l
RT: 9.37 min Scan# 2373
Delta R.T. -0.00 min
Lab File: VN063504.D
Acq: 21 Sep 2020 23:41

Instrument :
MSVOA_N
ClientSampleId :
VN0921WBS02

Tot Ion	83	Resp	104972
Ion Ratio	100	Lower	Upper
83	100		
85	61.7	51.0	76.6
127	8.3	6.3	9.5

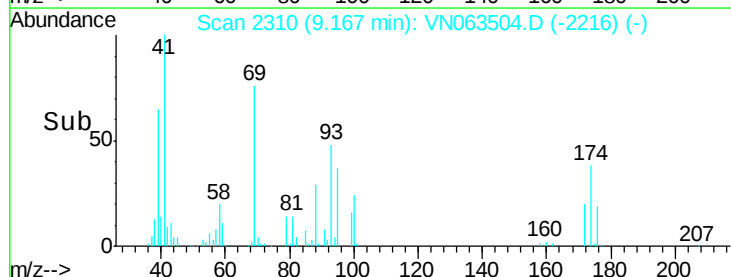
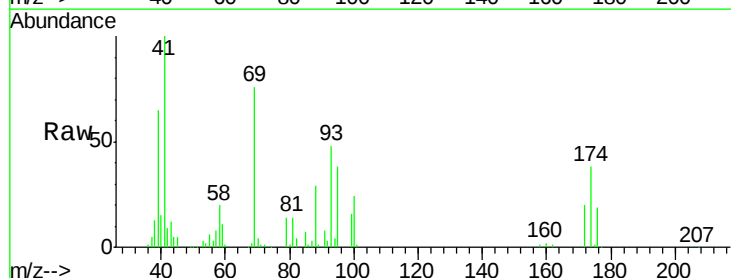
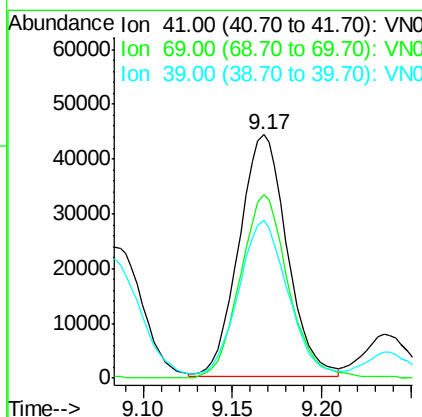
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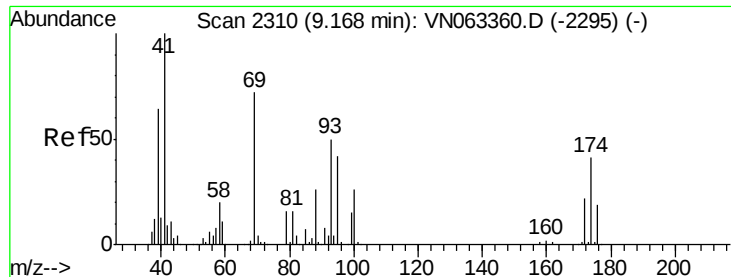
MMDadoda
9/22/2020 2:08:11 PM



#48
Methyl methacrylate
Concen: 18.497 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN063504.D
Acq: 21 Sep 2020 23:41

Tgt Ion	41	Resp	83356
Ion Ratio	100	Lower	Upper
41	100		
69	75.9	59.3	88.9
39	66.9	52.9	79.3





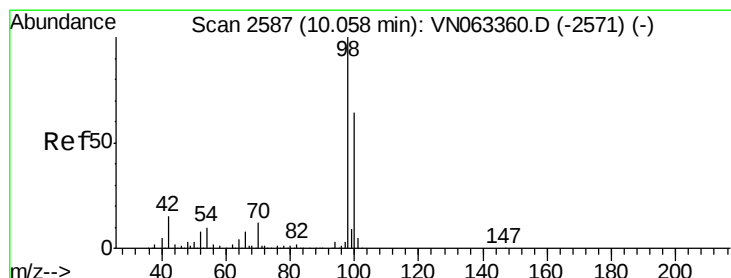
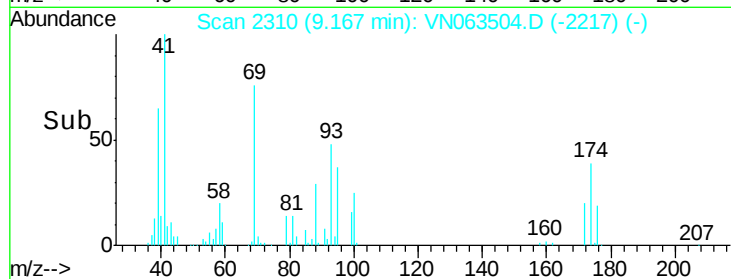
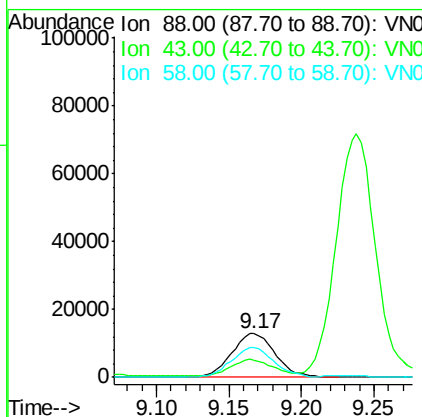
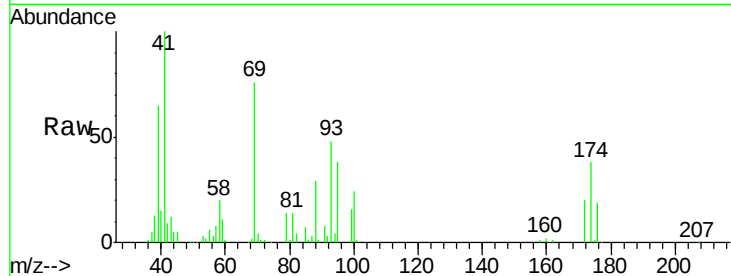
#49
1,4-Dioxane
Concen: 416.766 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. -0.00 min
Lab File: VN063504.D
Acq: 21 Sep 2020 23:41

Instrument :
MSVOA_N
ClientSampleId :
VN0921WBS02

Tot Ion	Ratio	Resp	Lower	Upper
88	100	26952		
43	36.7		32.6	49.0
58	66.8		60.0	90.0

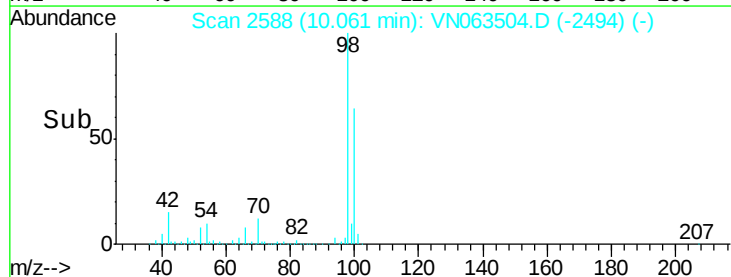
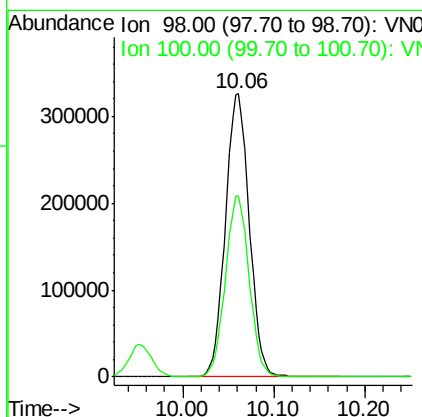
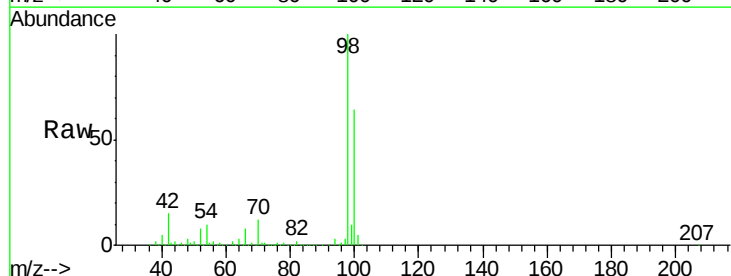
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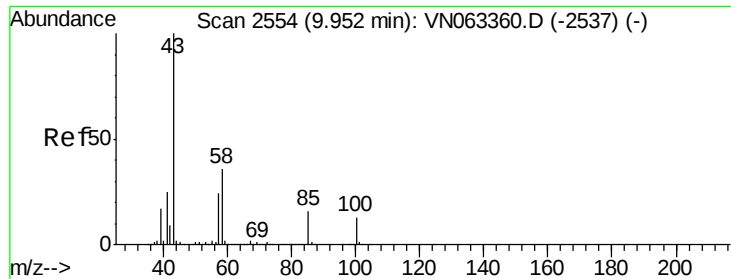
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#50
Toluene-d8
Concen: 46.685 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN063504.D
Acq: 21 Sep 2020 23:41

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	596194		
100	63.2		50.7	76.1





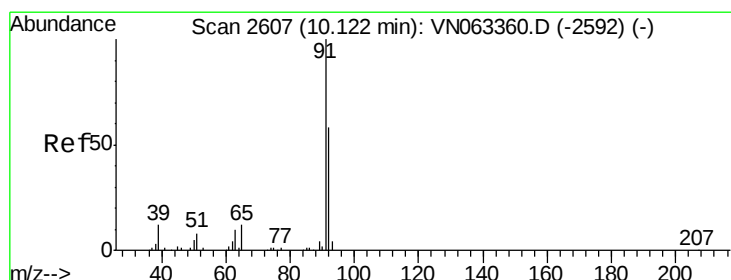
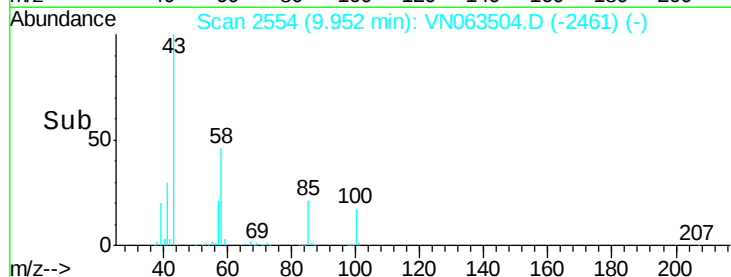
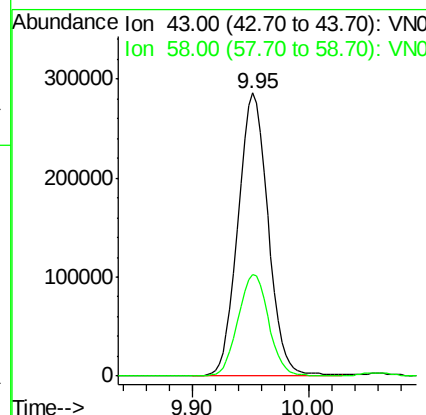
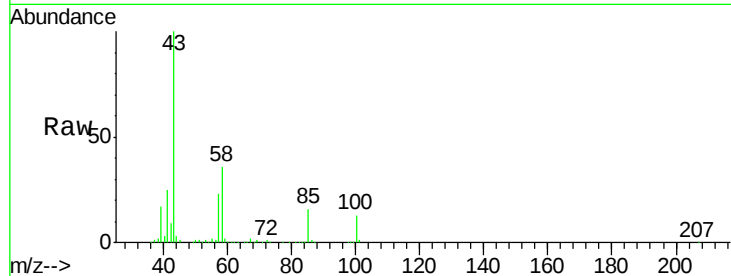
#51
 4-Methyl-2-Pentanone
 Concen: 99.579 ug/l
 RT: 9.95 min Scan# 2554
 Delta R.T. -0.00 min
 Lab File: VN063504.D
 Acq: 21 Sep 2020 23:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBS02

Tot Ion: 43 Resp: 511330
 Ion Ratio Lower Upper
 43 100
 58 36.6 29.0 43.6

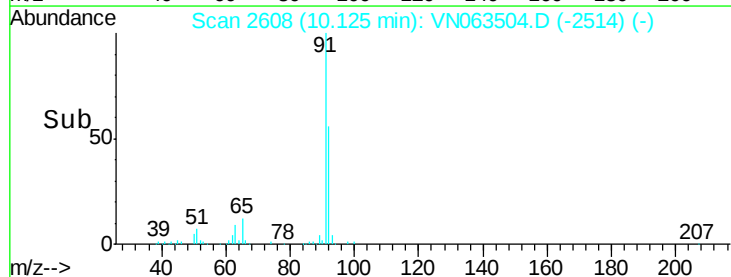
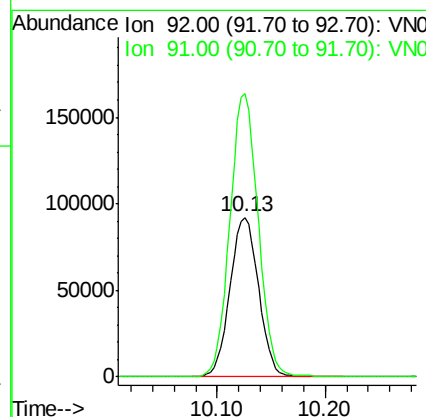
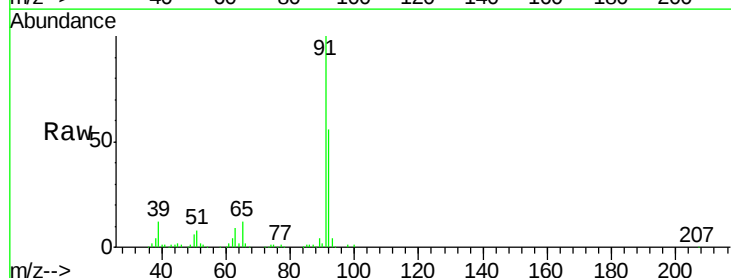
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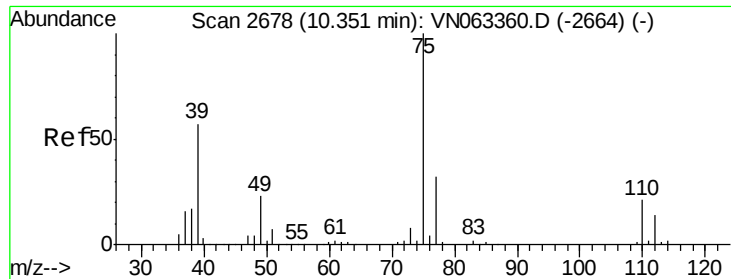
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#52
 Toluene
 Concen: 18.974 ug/l
 RT: 10.13 min Scan# 2608
 Delta R.T. 0.00 min
 Lab File: VN063504.D
 Acq: 21 Sep 2020 23:41

Tgt Ion: 92 Resp: 170199
 Ion Ratio Lower Upper
 92 100
 91 175.3 139.7 209.5





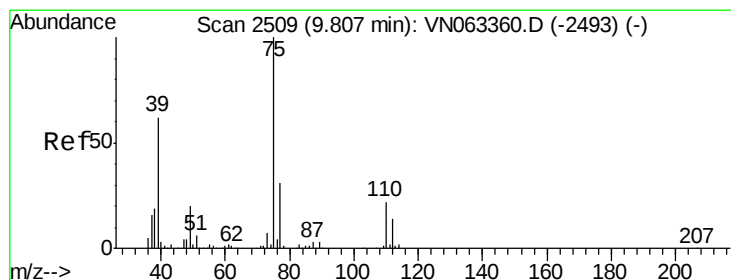
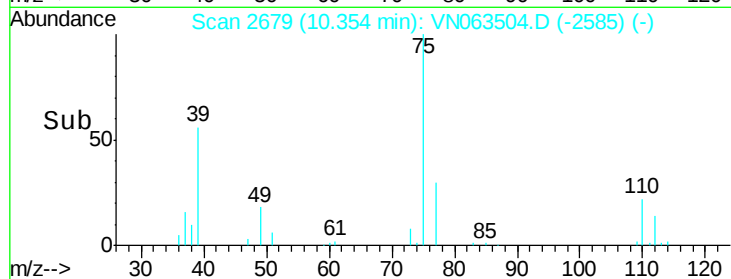
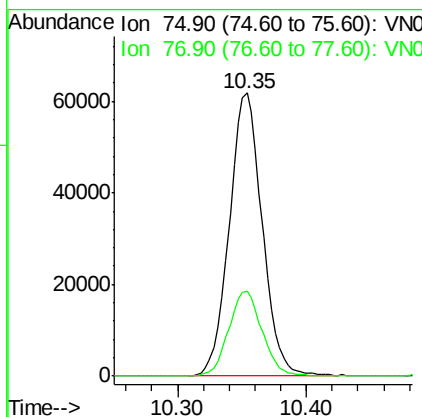
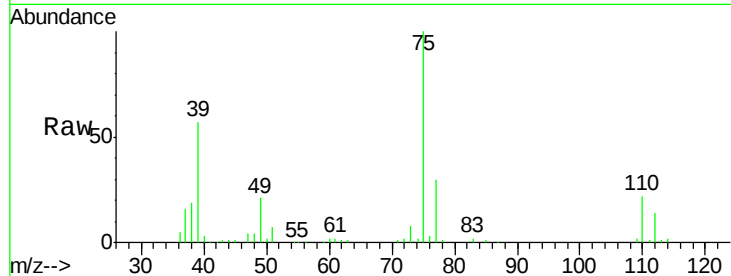
#53
t-1,3-Dichloropropene
Concen: 17.682 ug/l
RT: 10.35 min Scan# 2679
Delta R.T. 0.00 min
Lab File: VN063504.D
Acq: 21 Sep 2020 23:41

Instrument :
MSVOA_N
ClientSampleId :
VN0921WBS02

Tot Ion: 75 Resp: 109528
Ion Ratio Lower Upper
75 100
77 30.1 25.4 38.2

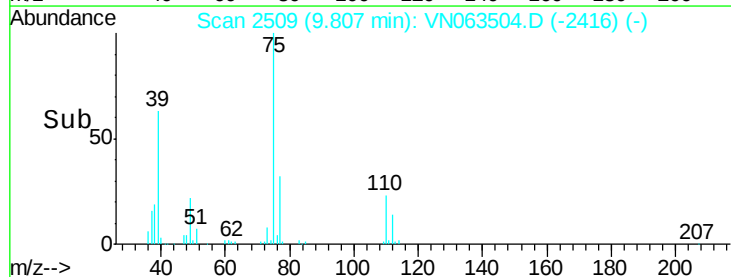
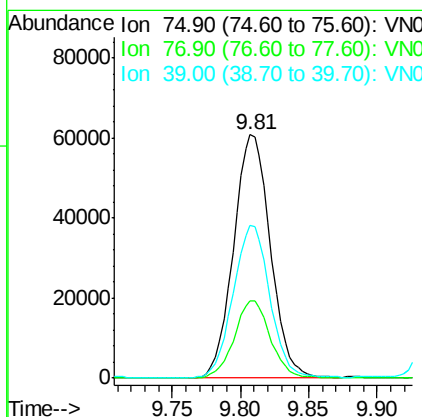
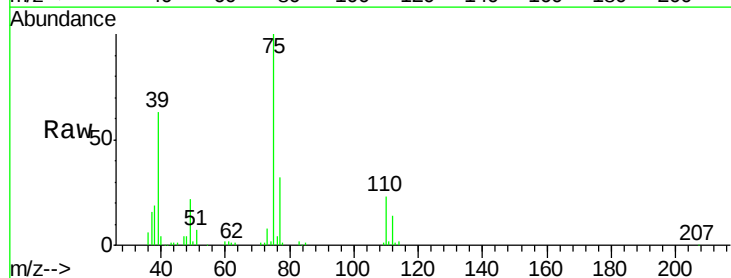
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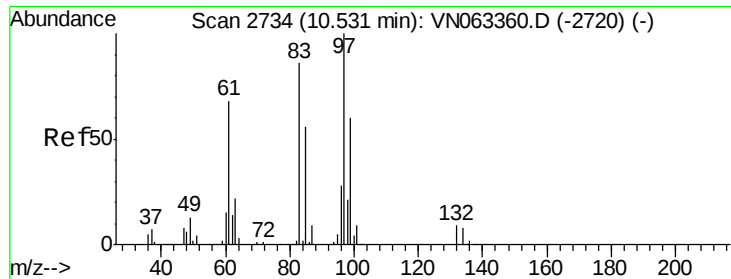
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#54
cis-1,3-Dichloropropene
Concen: 17.441 ug/l
RT: 9.81 min Scan# 2509
Delta R.T. -0.00 min
Lab File: VN063504.D
Acq: 21 Sep 2020 23:41

Tgt Ion: 75 Resp: 113955
Ion Ratio Lower Upper
75 100
77 31.8 24.6 37.0
39 62.3 49.8 74.8





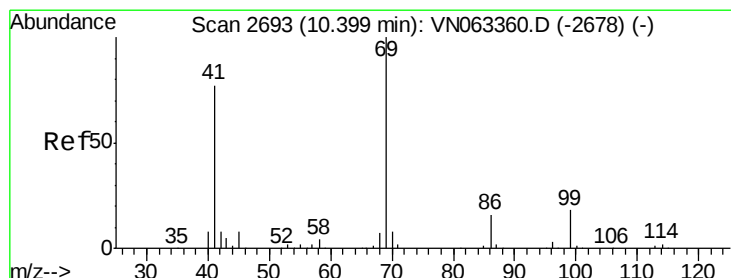
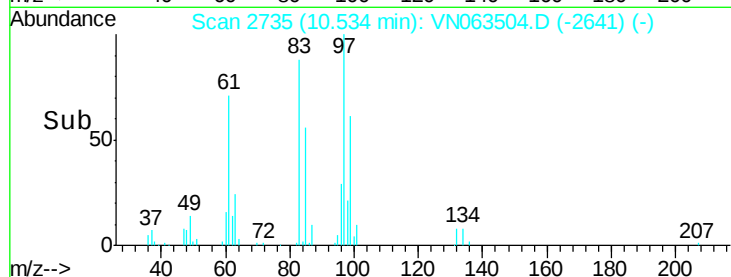
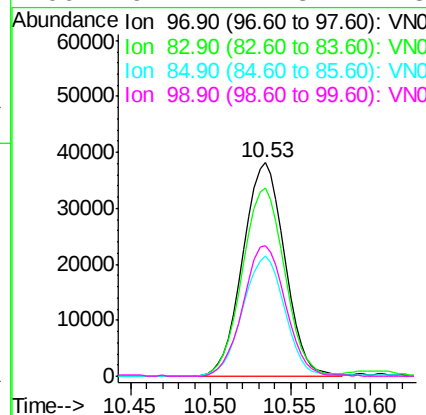
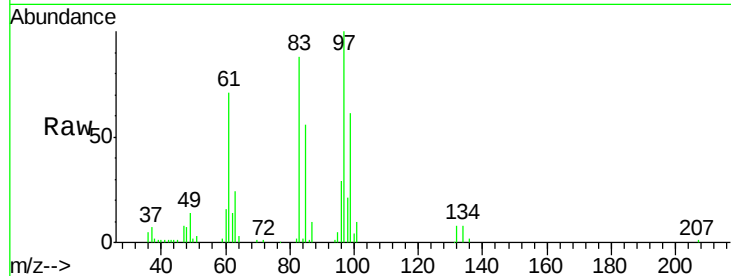
#55
 1,1,2-Trichloroethane
 Concen: 19.134 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN063504.D
 Acq: 21 Sep 2020 23:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBS02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		68176		
83	88.3	68.9	103.3		
85	56.4	44.8	67.2		
99	61.4	47.8	71.8		

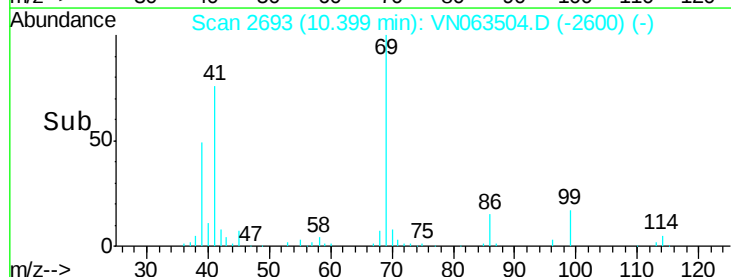
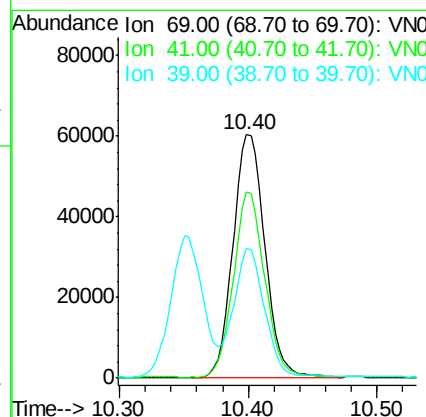
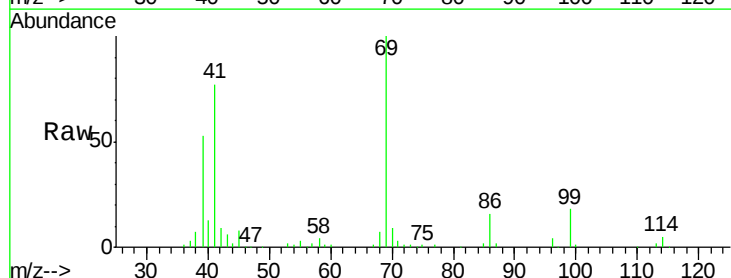
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#56
 Ethyl methacrylate
 Concen: 18.769 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. -0.00 min
 Lab File: VN063504.D
 Acq: 21 Sep 2020 23:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		104397		
41	74.5	61.0	91.6		
39	50.1	39.2	58.8		





#57

1,3-Dichloropropane

Concen: 18.539 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN063504.D

Acq: 21 Sep 2020 23:41

Instrument :

MSVOA_N

ClientSampled :

VN0921WBS02

Tot Ion: 76 Resp: 119121

Ion Ratio Lower Upper

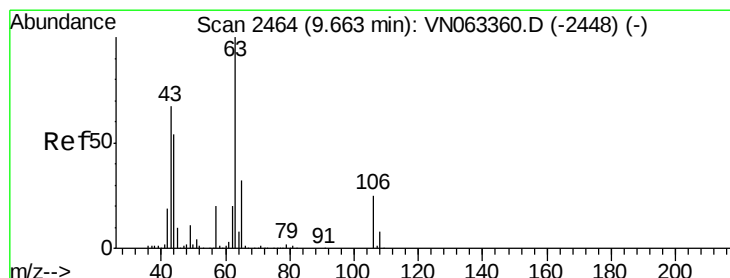
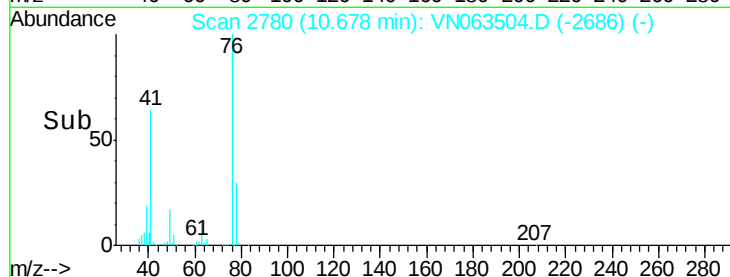
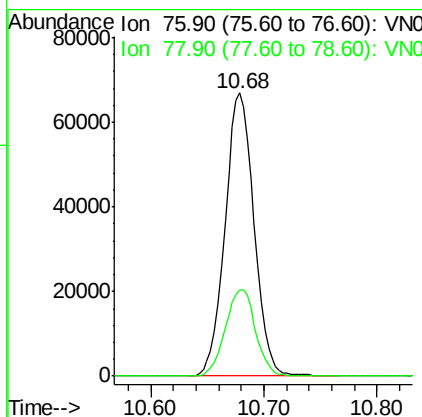
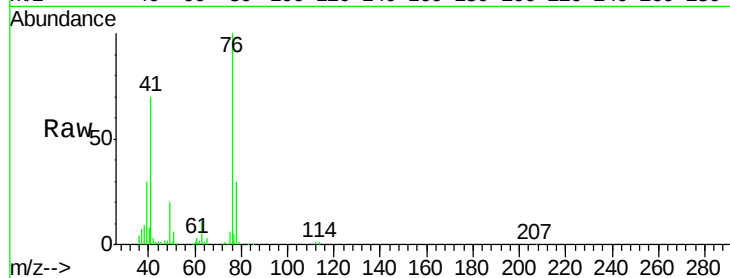
76 100

78 31.8 25.8 38.8

Manual Integrations
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#58

2-Chloroethyl Vinyl ether

Concen: 85.472 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. -0.00 min

Lab File: VN063504.D

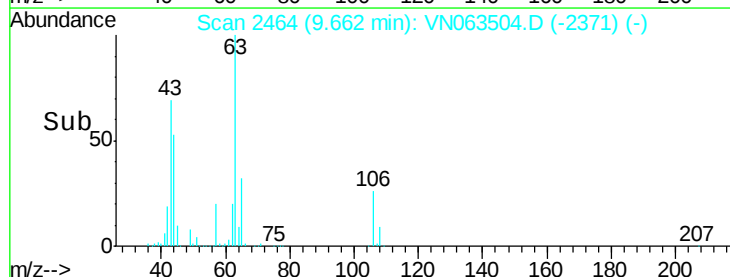
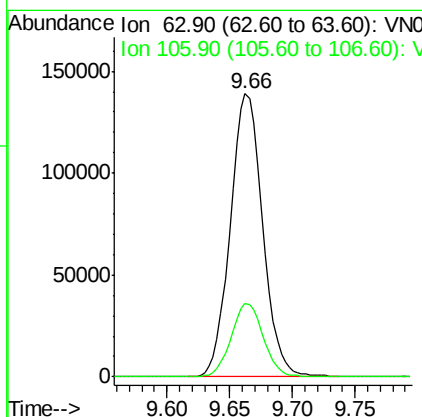
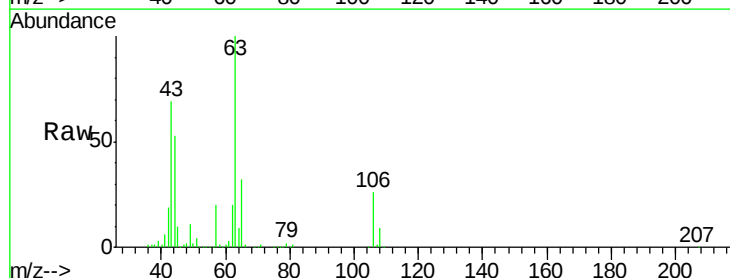
Acq: 21 Sep 2020 23:41

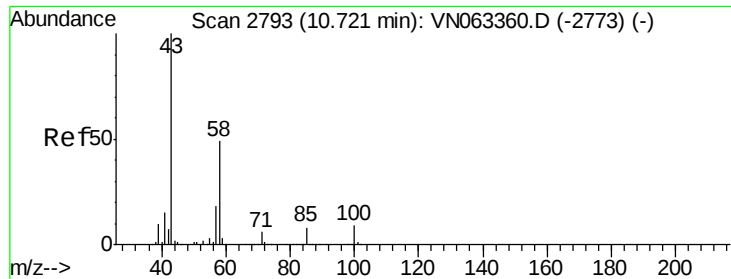
Tgt Ion: 63 Resp: 249396

Ion Ratio Lower Upper

63 100

106 25.8 19.5 29.3





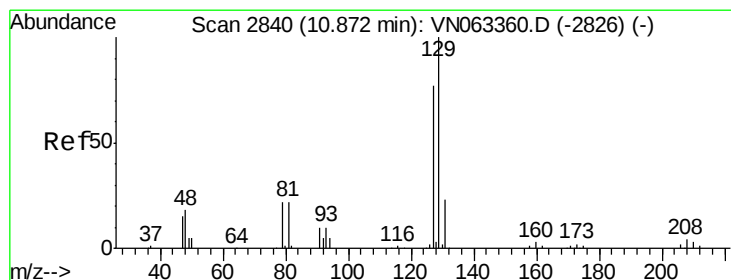
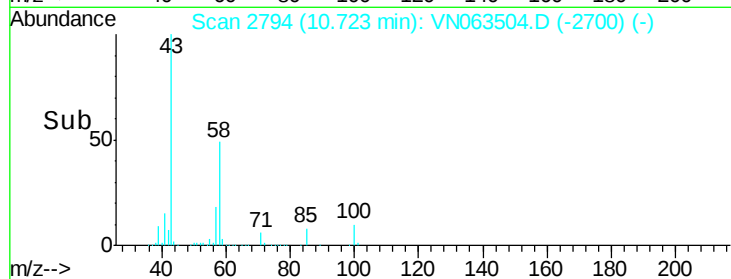
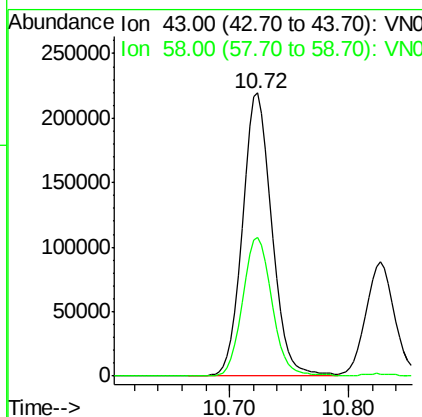
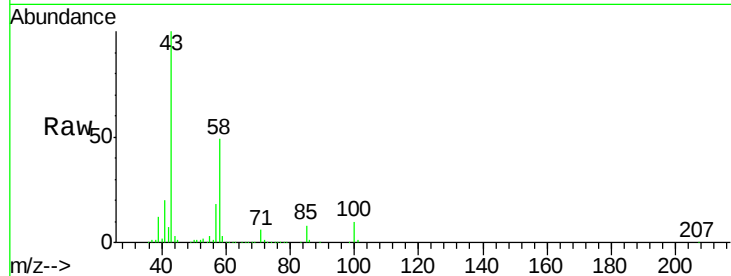
#59
2-Hexanone
Concen: 100.348 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN063504.D
Acq: 21 Sep 2020 23:41

Instrument :
MSVOA_N
ClientSampleId :
VN0921WBS02

Tot Ion: 43 Resp: 373306
Ion Ratio Lower Upper
43 100
58 49.4 24.7 74.1

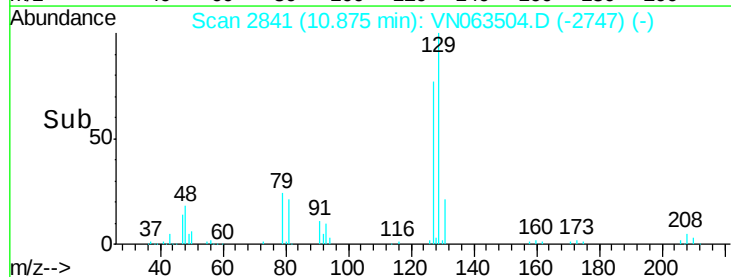
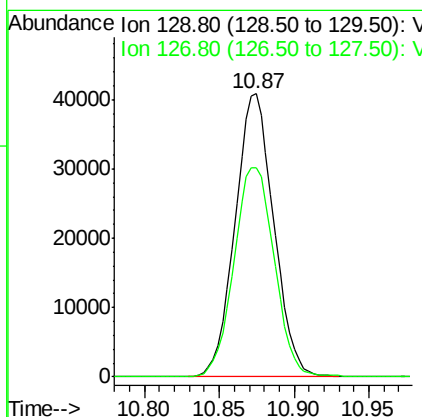
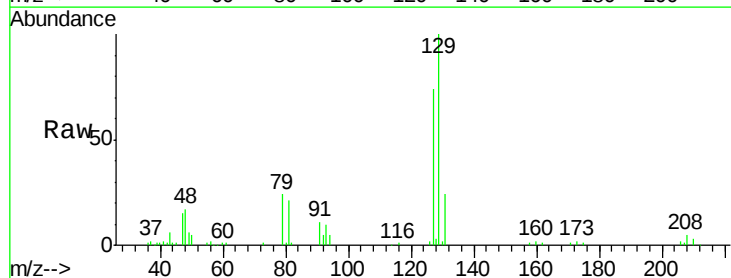
Manual Integrations
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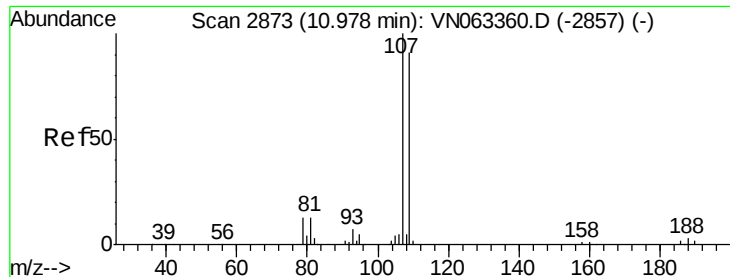
MMDadoda
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#60
Dibromochloromethane
Concen: 18.273 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN063504.D
Acq: 21 Sep 2020 23:41

Tgt Ion: 129 Resp: 73554
Ion Ratio Lower Upper
129 100
127 77.1 39.1 117.3





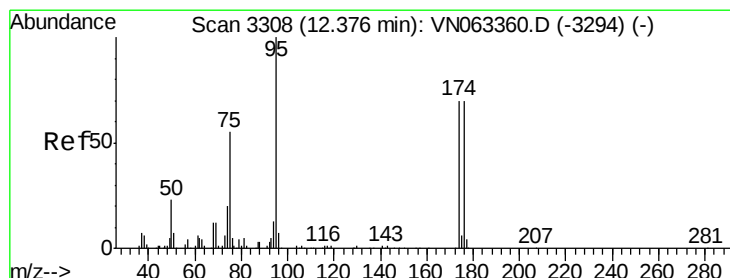
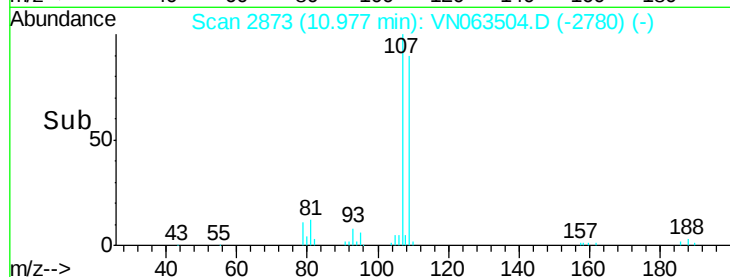
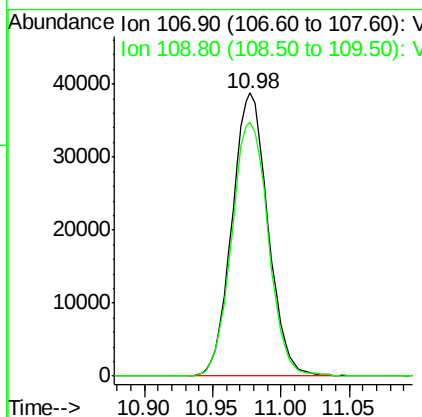
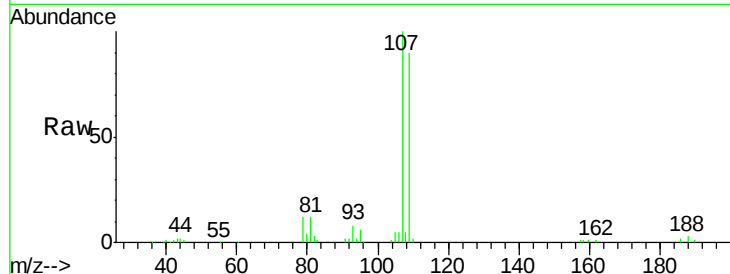
#61
 1,2-Dibromoethane
 Concen: 19.155 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. -0.00 min
 Lab File: VN063504.D
 Acq: 21 Sep 2020 23:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBS02

Tot Ion	Ratio	Lower	Upper
107	100		
109	91.6	74.6	111.8

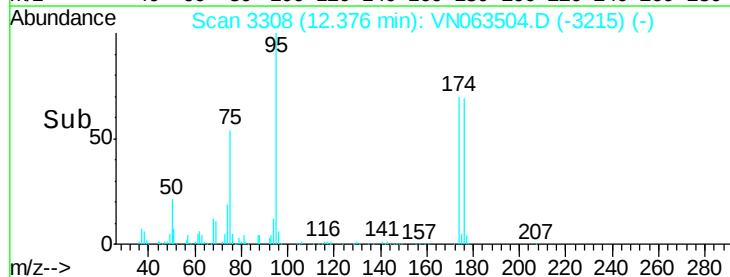
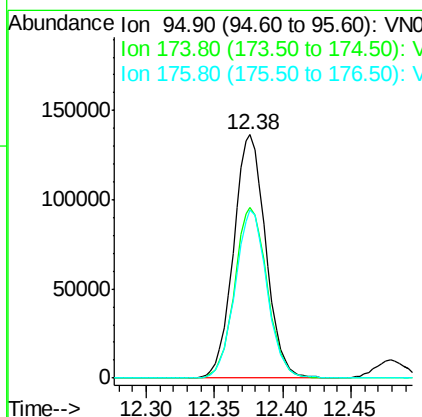
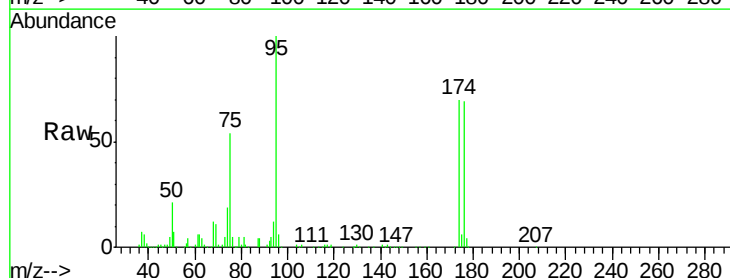
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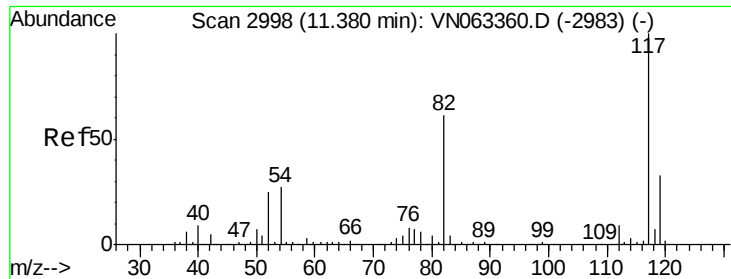
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#62
 4-Bromofluorobenzene
 Concen: 47.521 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. -0.00 min
 Lab File: VN063504.D
 Acq: 21 Sep 2020 23:41

Tgt Ion	Ratio	Lower	Upper
95	100		
174	71.0	0.0	140.8
176	68.8	0.0	137.6





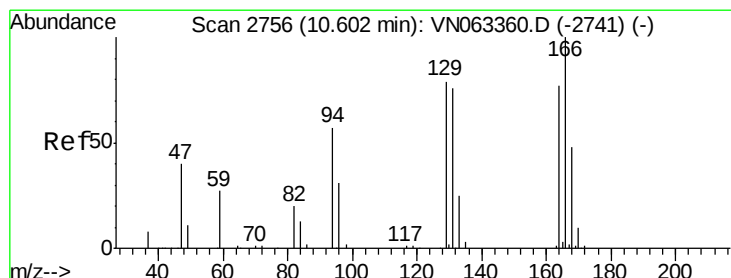
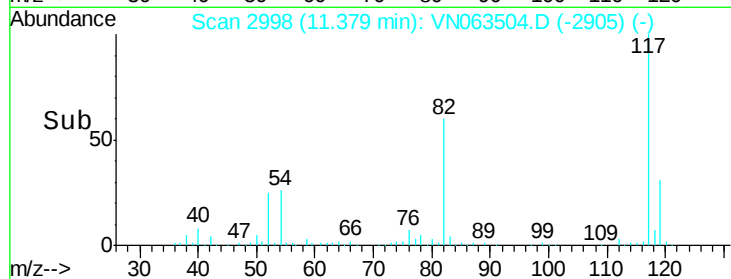
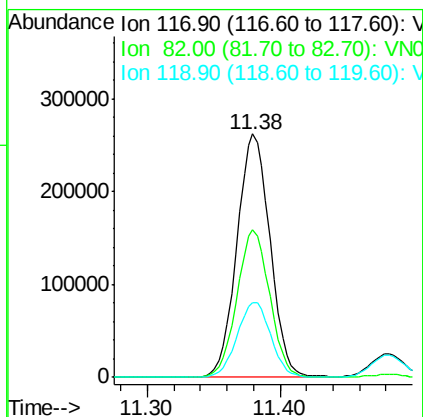
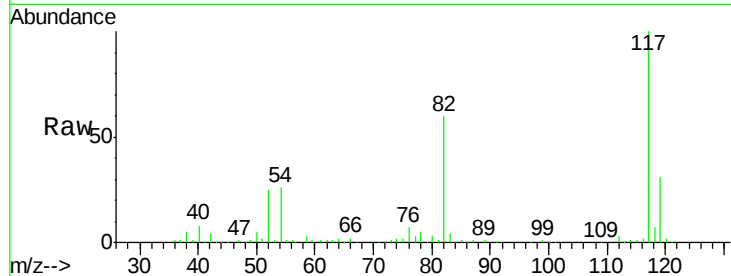
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063504.D
Acq: 21 Sep 2020 23:41

Instrument :
MSVOA_N
ClientSampleId :
VN0921WBS02

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.4	49.2	73.8
119	30.9	26.2	39.4

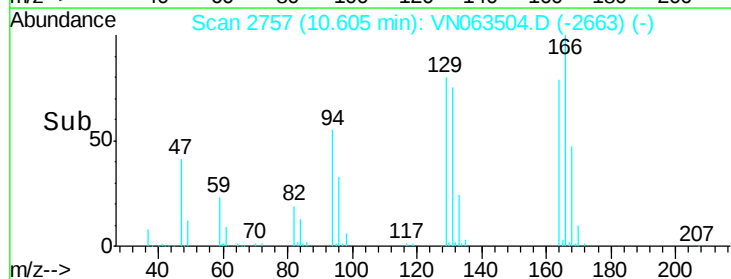
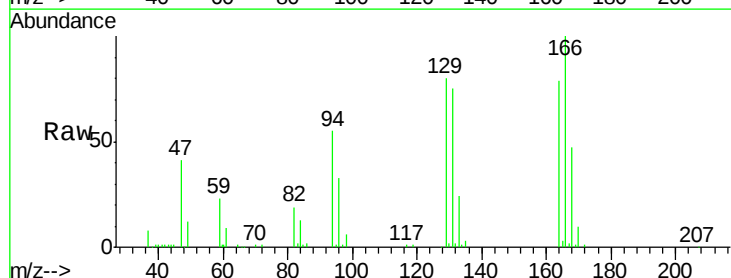
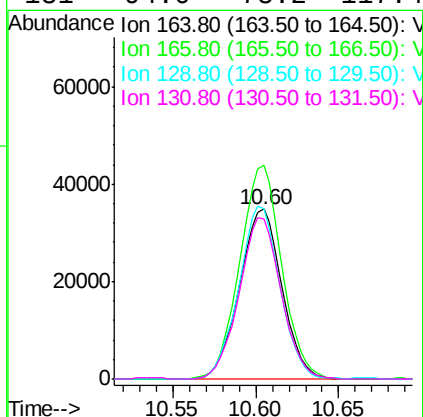
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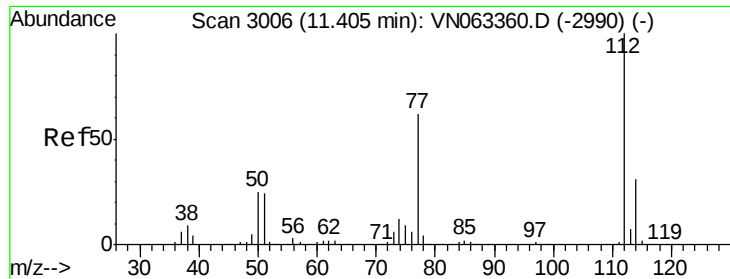
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#64
Tetrachloroethene
Concen: 20.030 ug/l
RT: 10.60 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VN063504.D
Acq: 21 Sep 2020 23:41

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.9	103.4	155.0
129	100.1	81.8	122.6
131	94.0	78.2	117.4





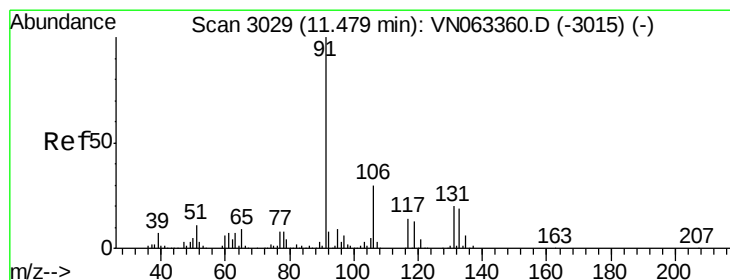
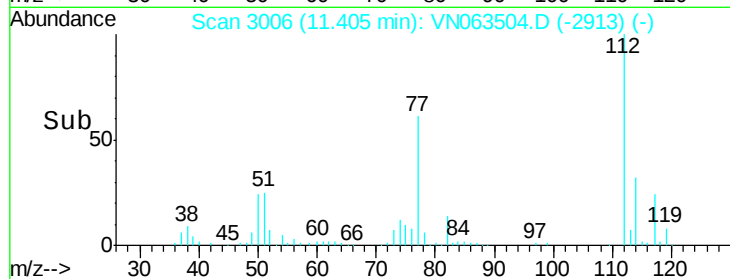
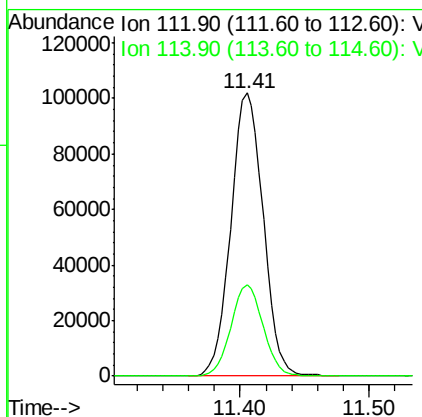
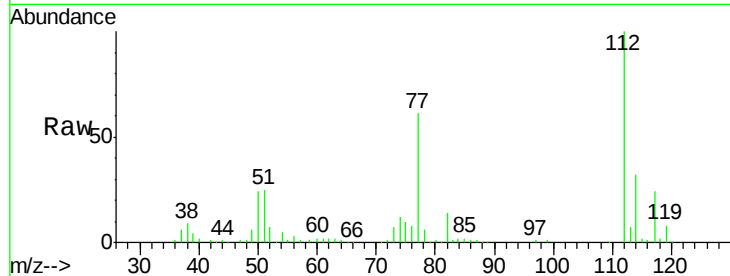
#65
Chlorobenzene
Concen: 18.387 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN063504.D
Acq: 21 Sep 2020 23:41

Instrument :
MSVOA_N
ClientSampleId :
VN0921WBS02

Tot Ion:112 Resp: 177299
Ion Ratio Lower Upper
112 100
114 32.2 25.0 37.6

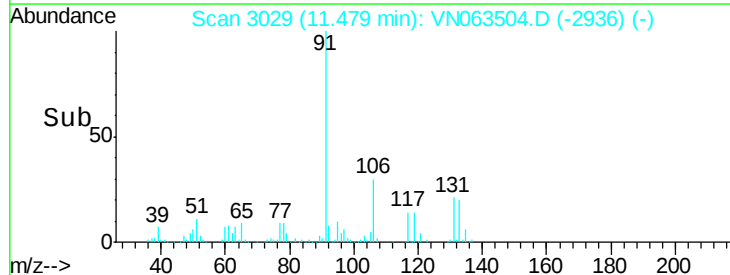
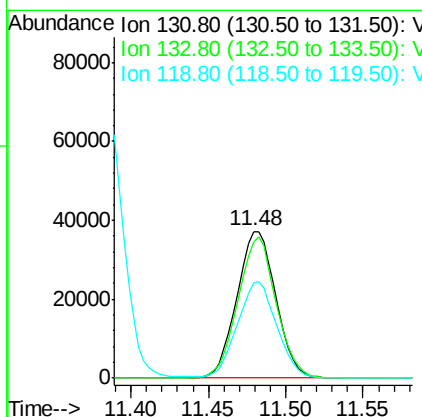
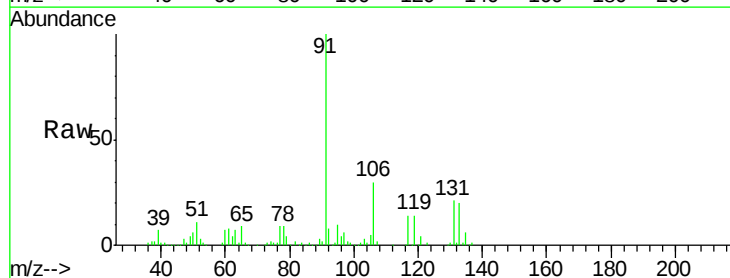
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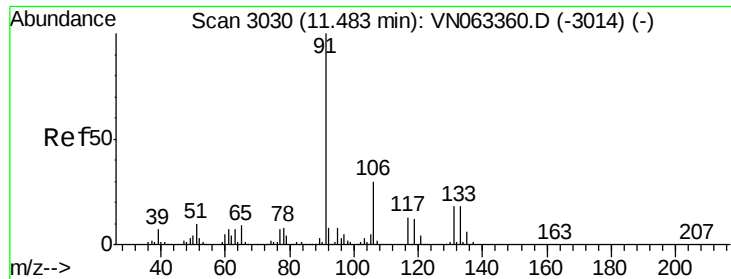
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.419 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN063504.D
Acq: 21 Sep 2020 23:41

Tgt Ion:131 Resp: 65103
Ion Ratio Lower Upper
131 100
133 94.2 47.3 141.9
119 66.3 33.6 100.8





#67

Ethyl Benzene

Concen: 18.159 ug/l

RT: 11.49 min Scan# 3031

Delta R.T. 0.00 min

Lab File: VN063504.D

Acq: 21 Sep 2020 23:41

Instrument :

MSVOA_N

ClientSampled :

VN0921WBS02

Tot Ion: 91 Resp: 329754

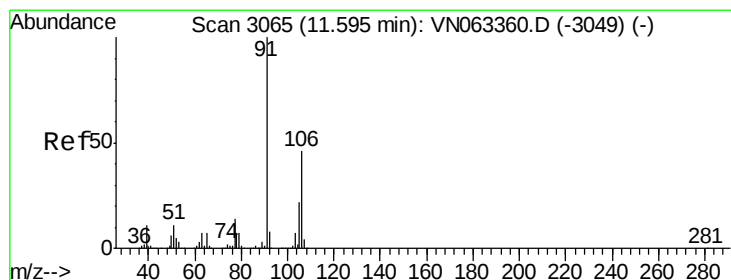
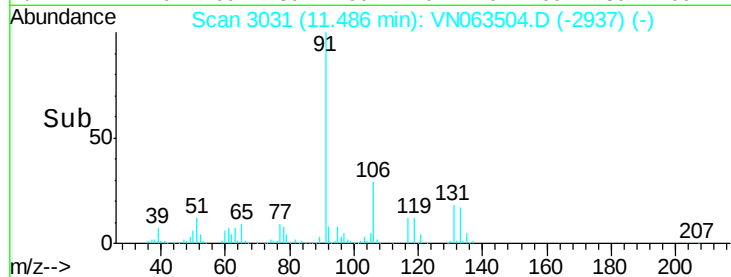
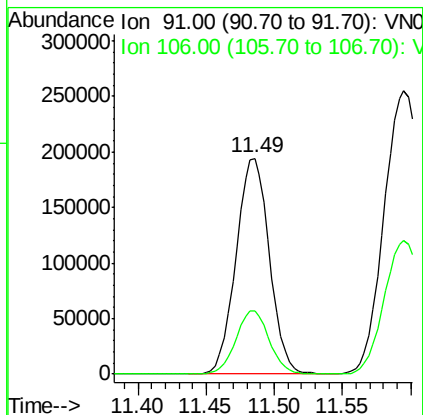
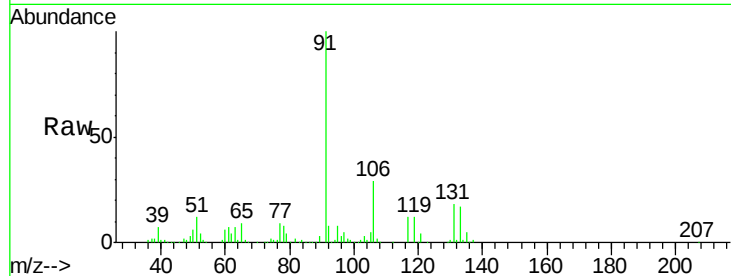
Ion Ratio Lower Upper

91 100

106 29.4 23.8 35.6

Manual Integrations
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#68

m/p-Xylenes

Concen: 36.202 ug/l

RT: 11.59 min Scan# 3065

Delta R.T. -0.00 min

Lab File: VN063504.D

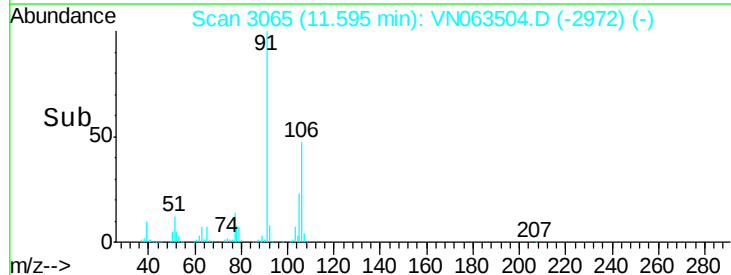
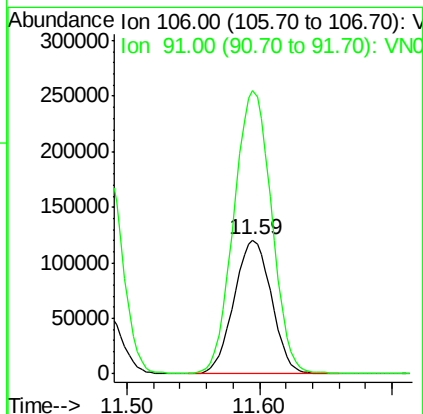
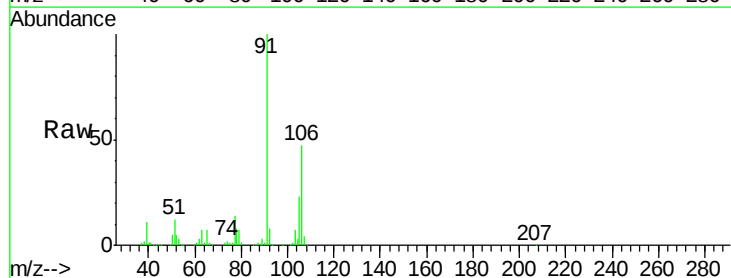
Acq: 21 Sep 2020 23:41

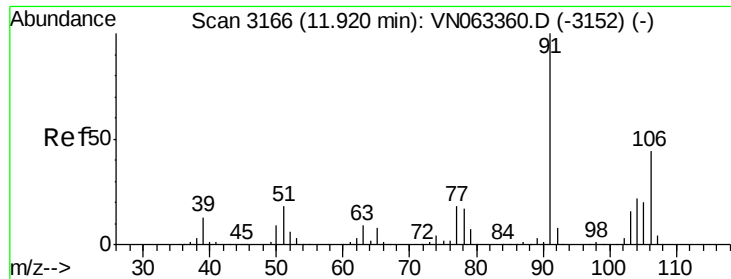
Tgt Ion: 106 Resp: 237025

Ion Ratio Lower Upper

106 100

91 212.8 171.2 256.8





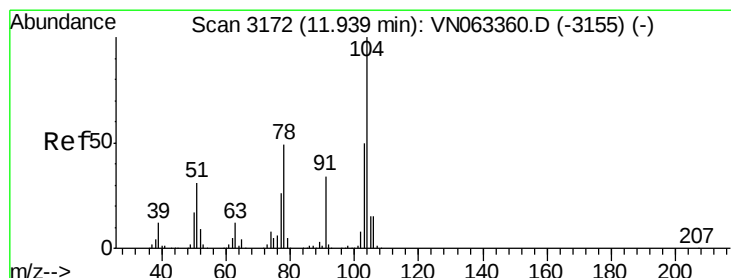
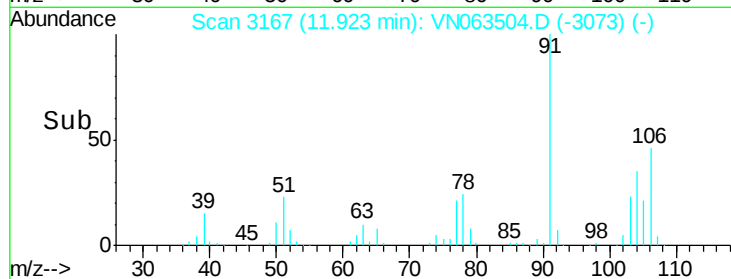
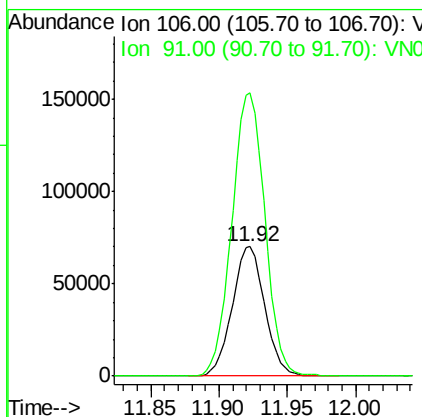
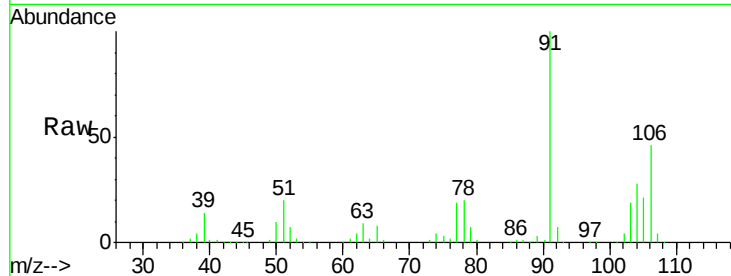
#69
o-Xylene
Concen: 18.566 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063504.D
Acq: 21 Sep 2020 23:41

Instrument :
MSVOA_N
ClientSampleId :
VN0921WBS02

Tot Ion	Ratio	Resp	Lower	Upper
106	100	115796		
91	223.6	113.6	340.8	

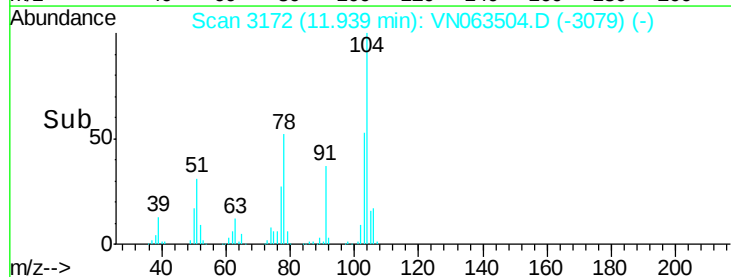
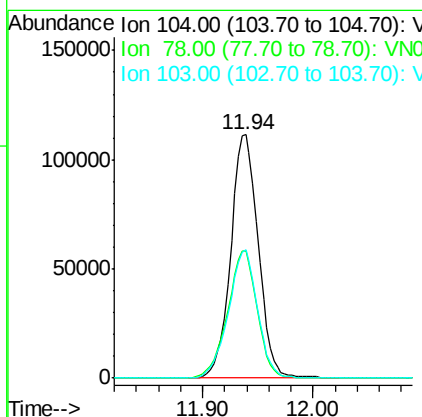
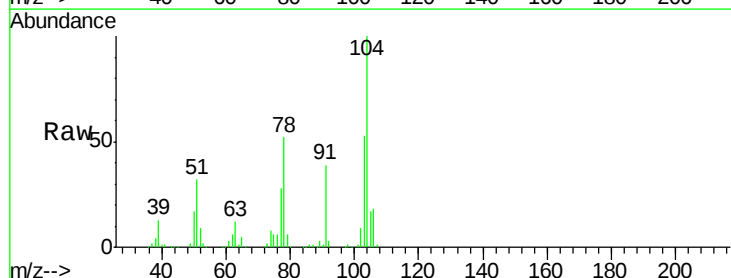
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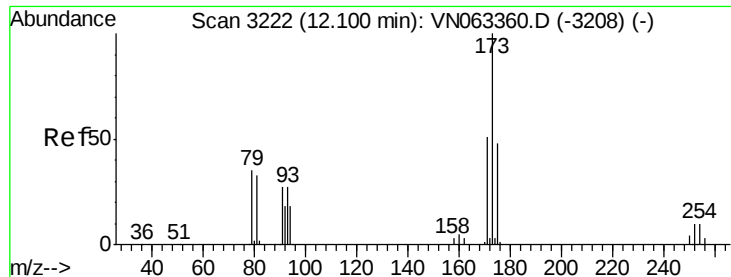
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#70
Styrene
Concen: 18.443 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. -0.00 min
Lab File: VN063504.D
Acq: 21 Sep 2020 23:41

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	192901		
78	56.2	44.4	66.6	
103	55.6	43.7	65.5	





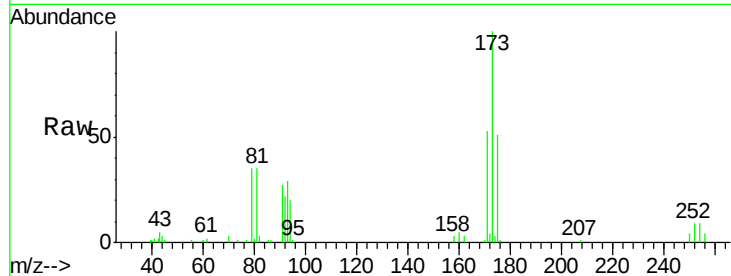
#71
Bromoform
Concen: 18.119 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. -0.00 min
Lab File: VN063504.D
Acq: 21 Sep 2020 23:41

Instrument :
MSVOA_N
ClientSampleId :
VN0921WBS02

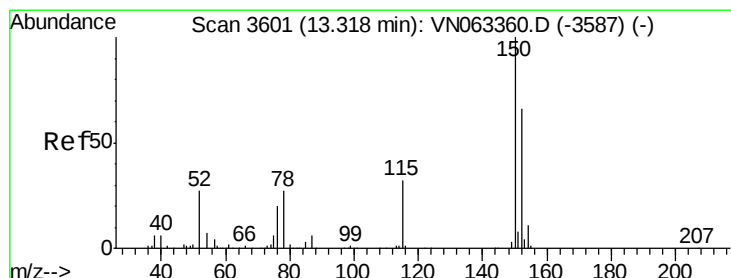
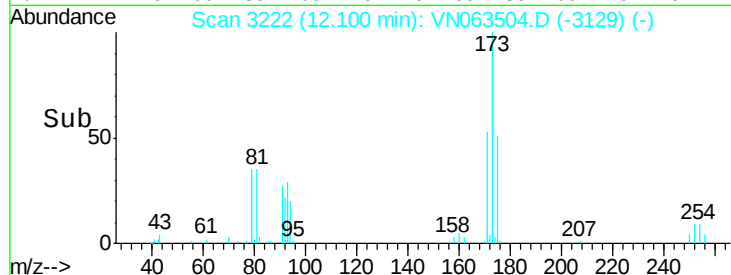
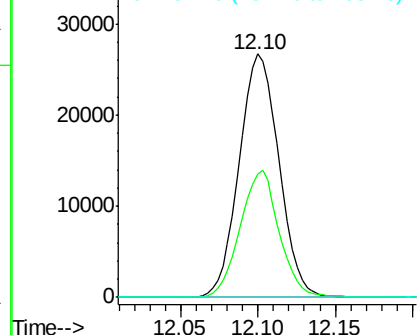
Tot Ion	Ratio	Lower	Upper
173	100		
175	51.2	24.0	72.0
254	0.0	0.0	0.0

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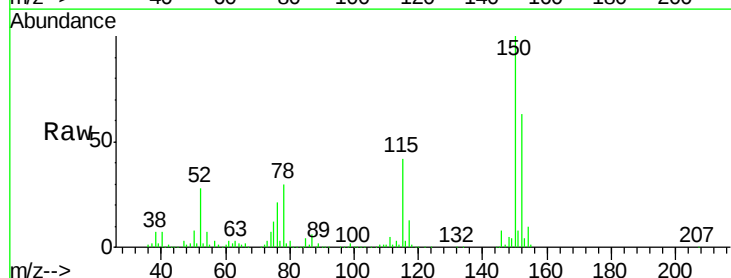


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

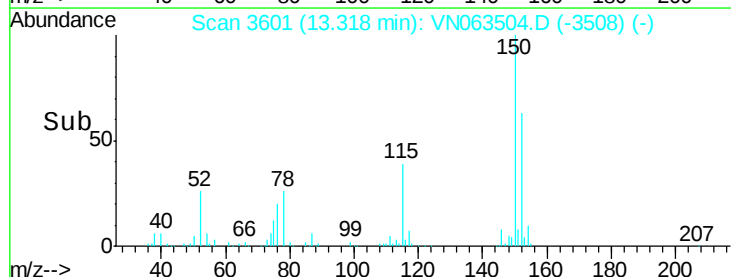
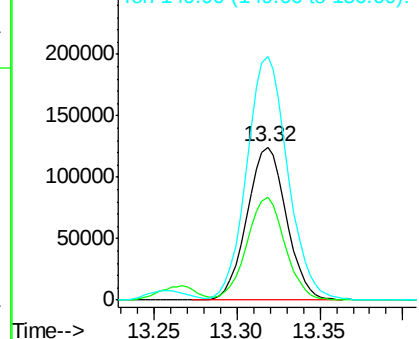


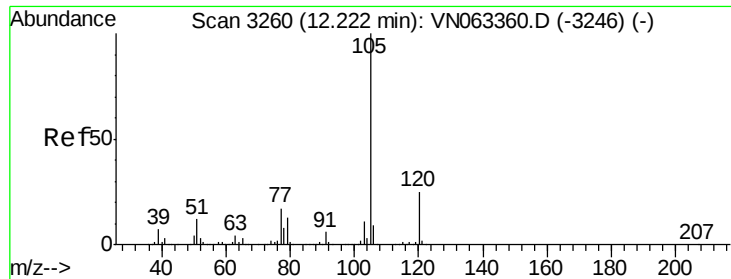
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. -0.00 min
Lab File: VN063504.D
Acq: 21 Sep 2020 23:41

Tgt Ion	Ratio	Lower	Upper
152	100		
115	65.0	32.2	96.6
150	165.8	0.0	343.4



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





#73

Isopropylbenzene

Concen: 18.728 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN063504.D

Acq: 21 Sep 2020 23:41

Instrument :

MSVOA_N

ClientSampleId :

VN0921WBS02

Tot Ion:105 Resp: 308510

Ion Ratio Lower Upper

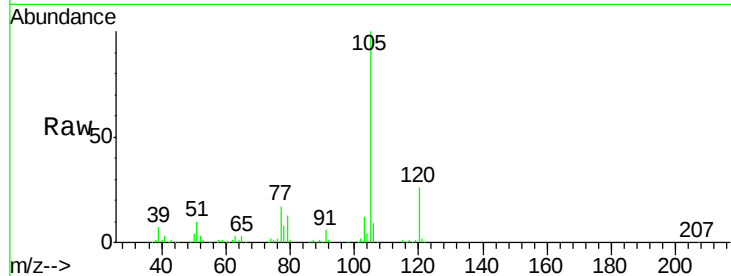
105 100

120 25.5 12.7 38.0

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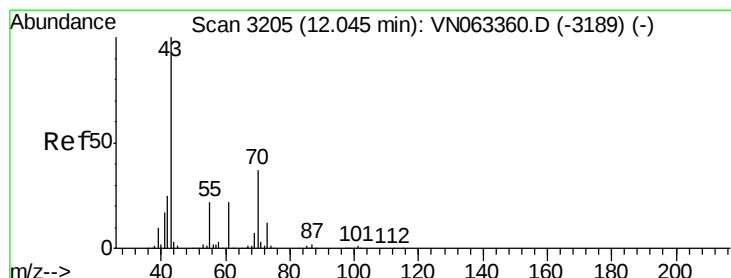
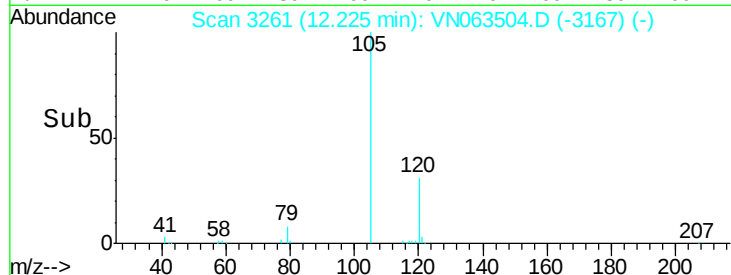
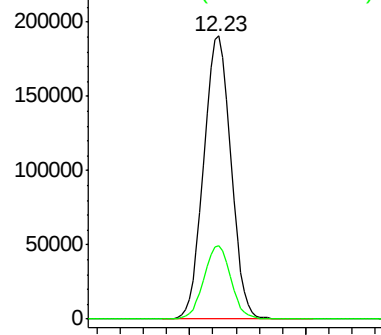
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.309 ug/l

RT: 12.04 min Scan# 3205

Delta R.T. -0.00 min

Lab File: VN063504.D

Acq: 21 Sep 2020 23:41

Tgt Ion: 43 Resp: 142772

Ion Ratio Lower Upper

43 100

70 38.2 29.6 44.4

55 22.2 17.7 26.5

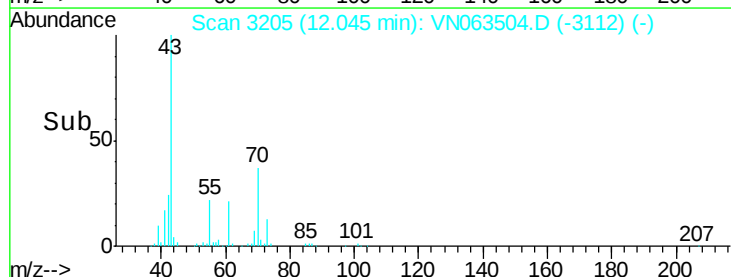
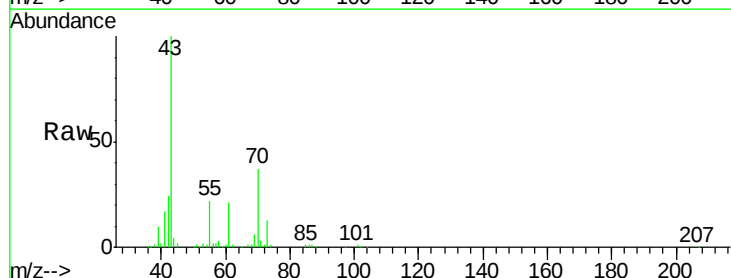
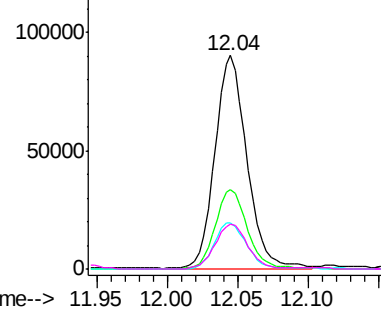
61 22.2 17.4 26.2

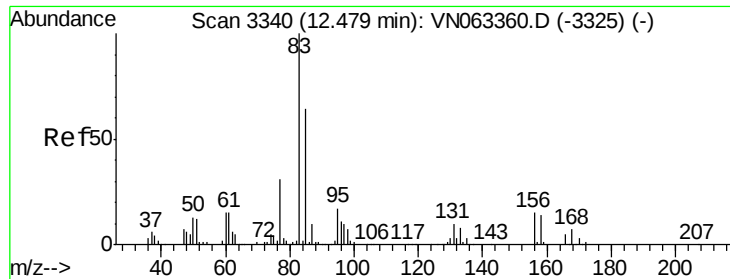
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 19.382 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. -0.00 min

Lab File: VN063504.D

Acq: 21 Sep 2020 23:41

Instrument :

MSVOA_N

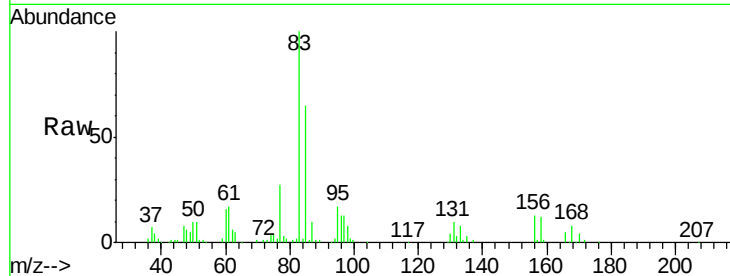
ClientSampleId :

VN0921WBS02

Tot Ion:	83	Resp:	98859
Ion Ratio	Lower	Upper	
83	100		
131	10.0	4.9	14.7
85	65.4	32.0	96.0

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Abundance Ion 82.90 (82.60 to 83.60): VN063360.D (-3325) (-)

Ion 130.80 (130.50 to 131.50): VN063360.D (-3325) (-)

Ion 84.90 (84.60 to 85.60): VN063360.D (-3325) (-)

12.48

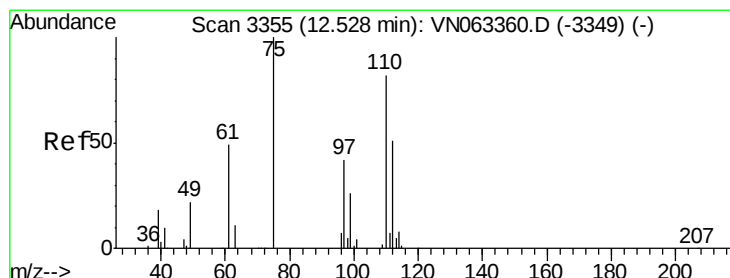
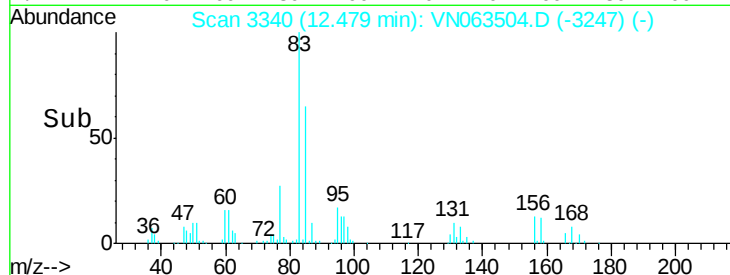
60000

40000

20000

0

Time--> 12.40 12.45 12.50



#76

1,2,3-Trichloropropane

Concen: 18.735 ug/l m

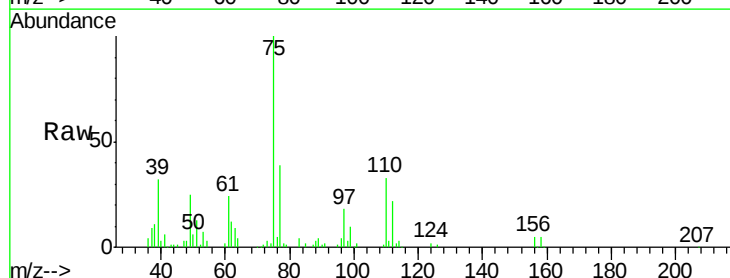
RT: 12.53 min Scan# 3355

Delta R.T. -0.00 min

Lab File: VN063504.D

Acq: 21 Sep 2020 23:41

Tgt Ion:	75	Resp:	95326
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VN063360.D (-3349) (-)

Ion 77.00 (76.70 to 77.70): VN063360.D (-3349) (-)

12.53

80000

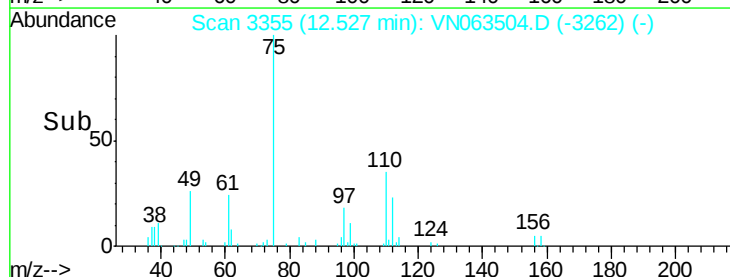
60000

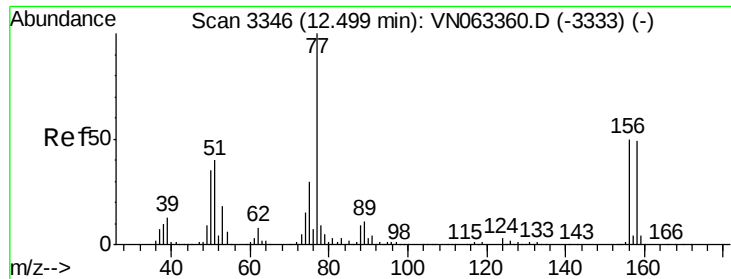
40000

20000

0

Time--> 12.50 12.55





#77

Bromobenzene

Concen: 19.422 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN063504.D

Acq: 21 Sep 2020 23:41

Instrument :

MSVOA_N

ClientSampleId :

VN0921WBS02

Tot Ion:156 Resp: 71969

Ion Ratio Lower Upper

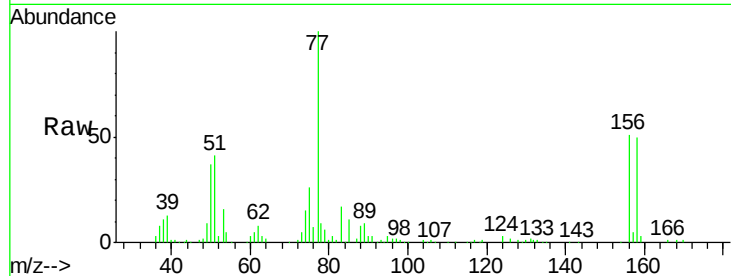
156 100

77 237.2 120.2 360.6

158 97.9 48.9 146.6

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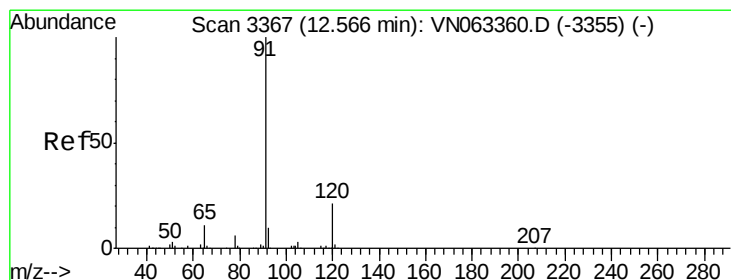
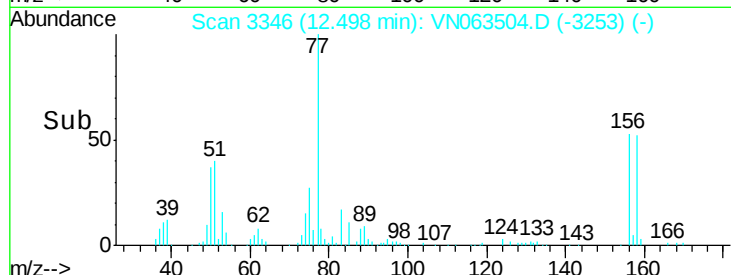
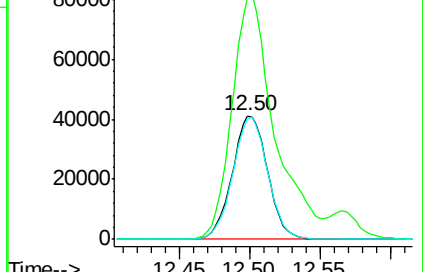
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.547 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063504.D

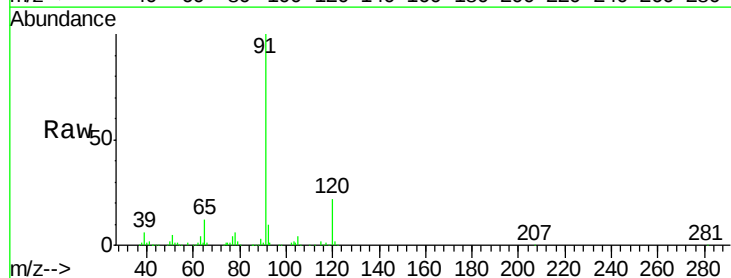
Acq: 21 Sep 2020 23:41

Tgt Ion: 91 Resp: 355847

Ion Ratio Lower Upper

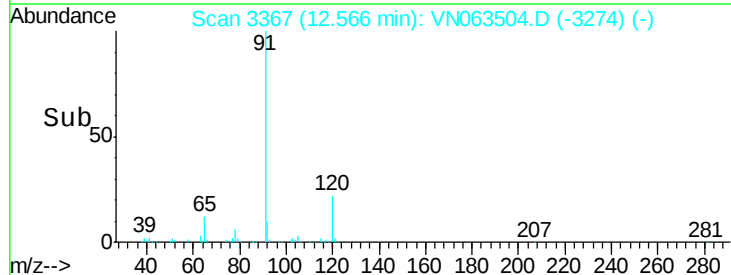
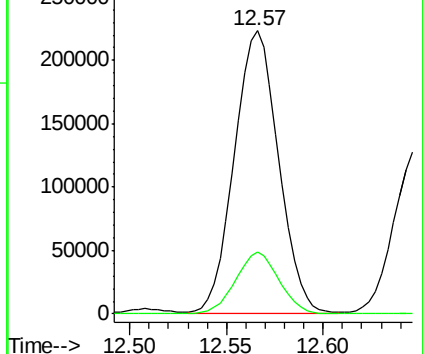
91 100

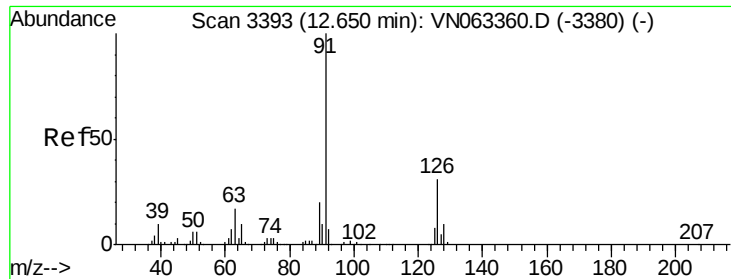
120 21.4 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





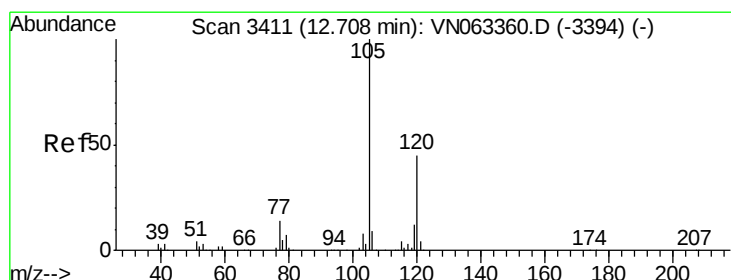
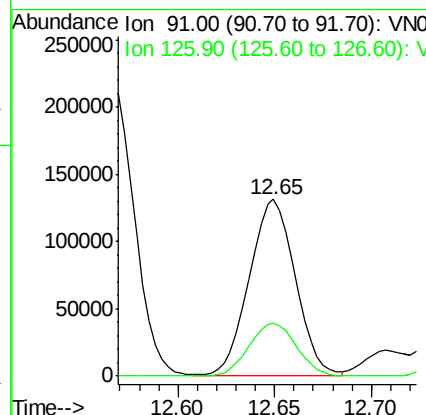
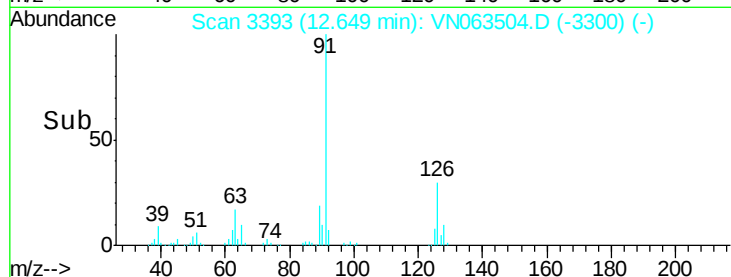
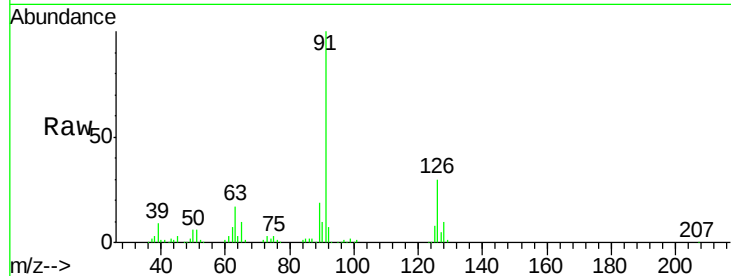
#79
 2-Chlorotoluene
 Concen: 18.991 ug/l
 RT: 12.65 min Scan# 3393
 Delta R.T. -0.00 min
 Lab File: VN063504.D
 Acq: 21 Sep 2020 23:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBS02

Tot Ion: 91 Resp: 218426
 Ion Ratio Lower Upper
 91 100
 126 31.1 15.8 47.3

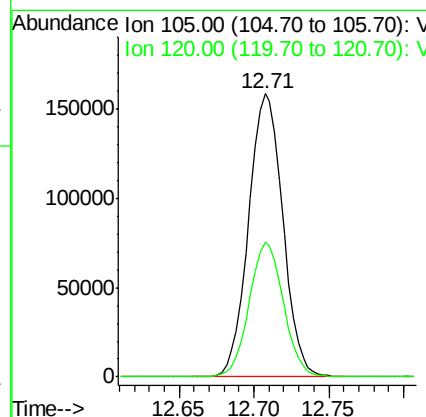
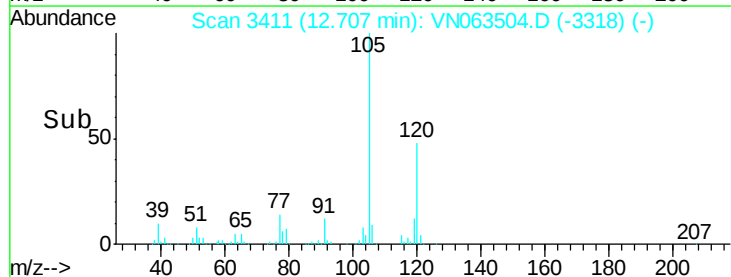
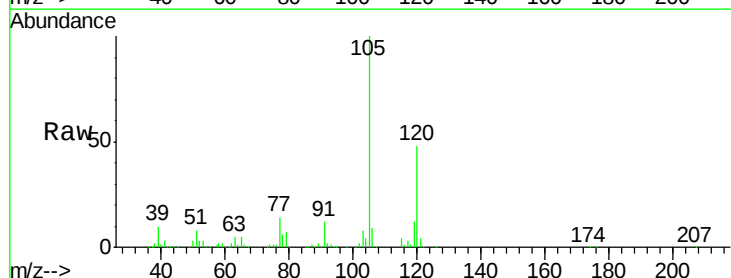
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#80
 1,3,5-Trimethylbenzene
 Concen: 18.408 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. -0.00 min
 Lab File: VN063504.D
 Acq: 21 Sep 2020 23:41

Tgt Ion: 105 Resp: 252856
 Ion Ratio Lower Upper
 105 100
 120 47.5 22.9 68.8





#81

trans-1,4-Dichloro-2-butene

Concen: 16.998 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN063504.D

Acq: 21 Sep 2020 23:41

Instrument :

MSVOA_N

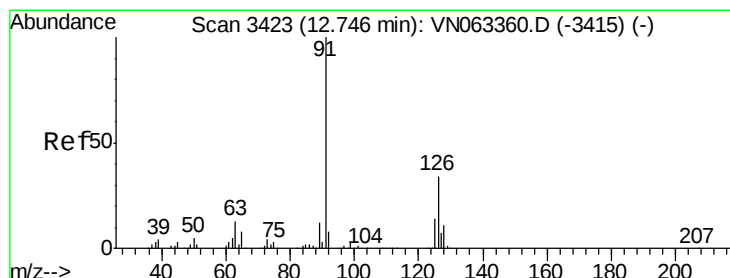
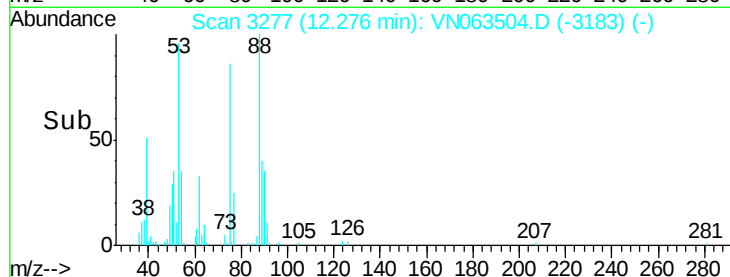
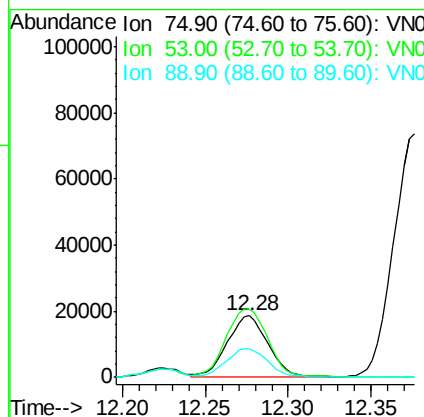
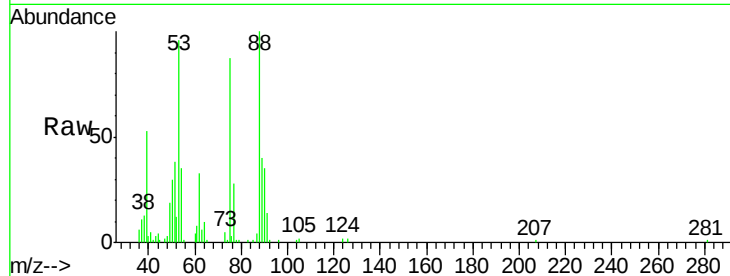
ClientSampleId :

VN0921WBS02

Tot Ion:	75	Resp:	31546
Ion	Ratio	Lower	Upper
75	100		
53	110.4	85.7	128.5
89	47.7	38.0	57.0

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#82

4-Chlorotoluene

Concen: 18.737 ug/l

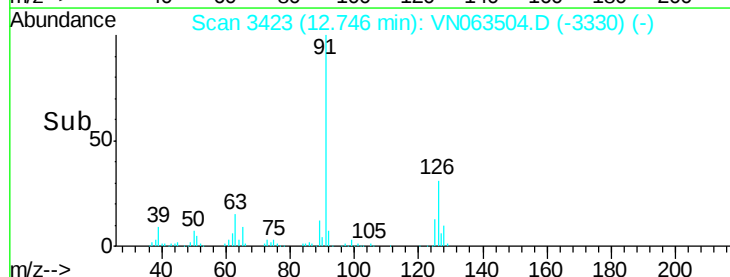
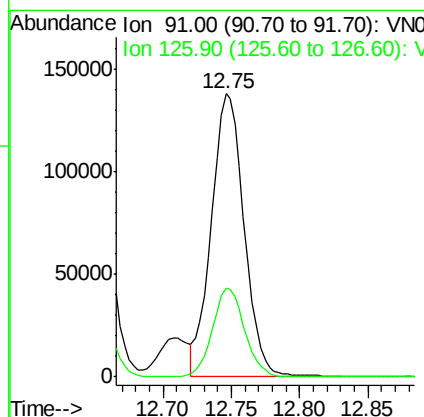
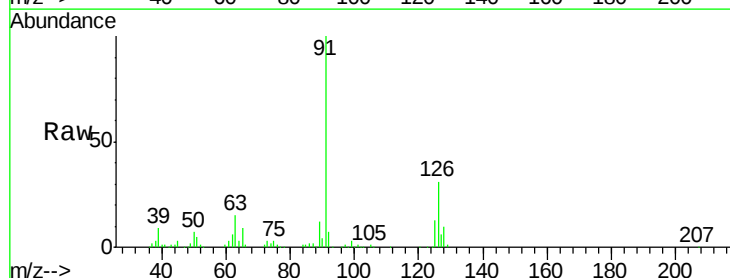
RT: 12.75 min Scan# 3423

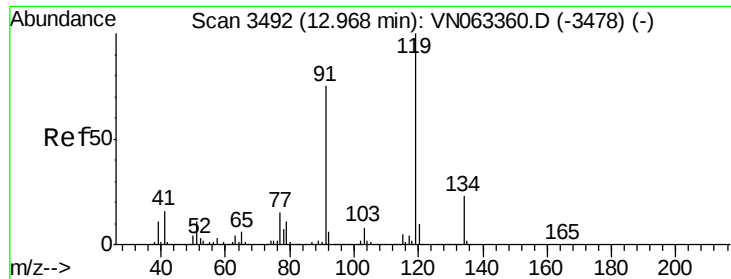
Delta R.T. -0.00 min

Lab File: VN063504.D

Acq: 21 Sep 2020 23:41

Tgt Ion:	91	Resp:	227697
Ion	Ratio	Lower	Upper
91	100		
126	30.6	15.5	46.5





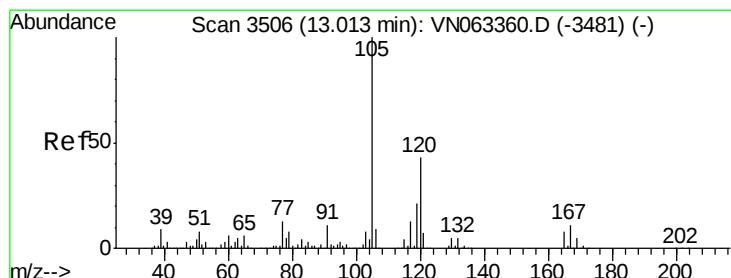
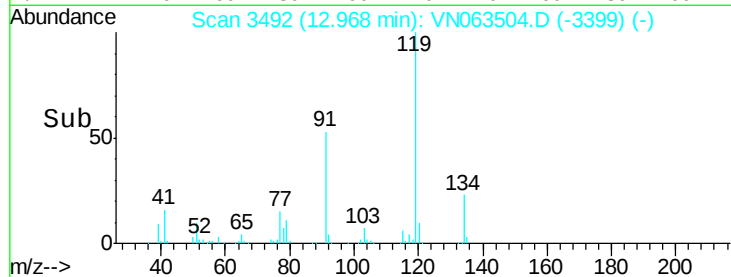
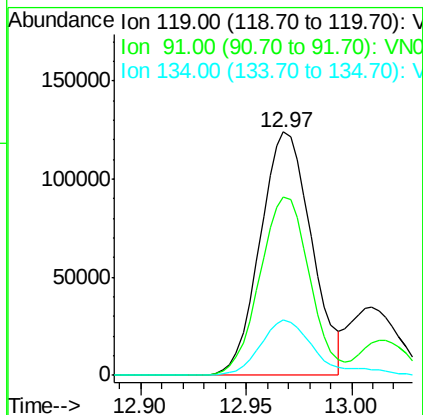
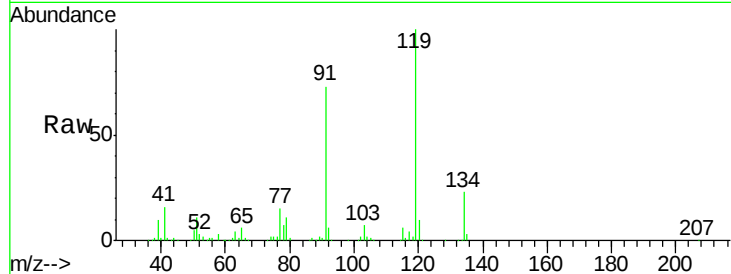
#83
 tert-Butylbenzene
 Concen: 18.507 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. -0.00 min
 Lab File: VN063504.D
 Acq: 21 Sep 2020 23:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBS02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	209822		
91	71.3	36.3	108.9	
134	24.5	12.3	36.8	

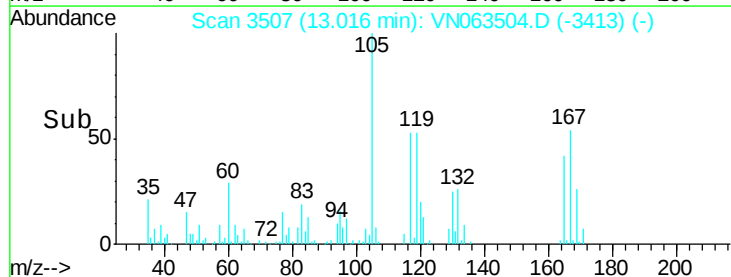
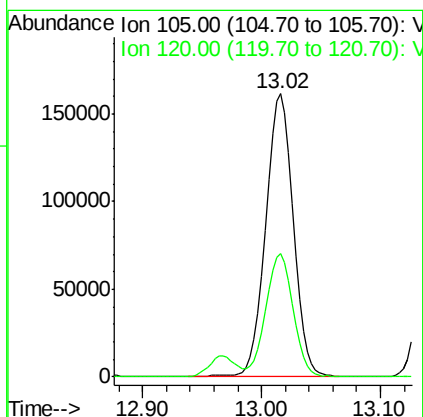
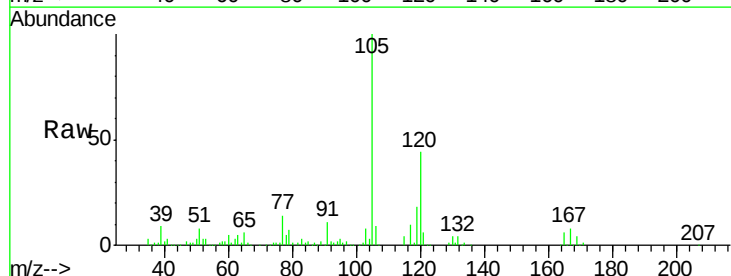
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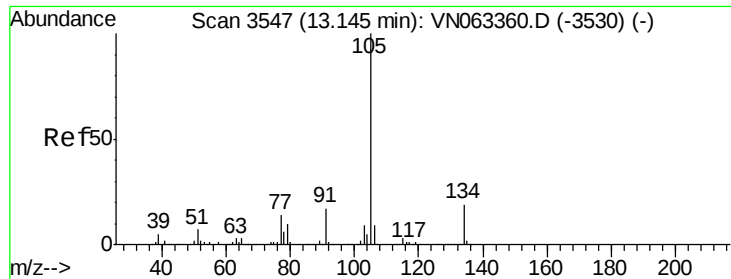
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#84
 1,2,4-Trimethylbenzene
 Concen: 18.720 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. 0.00 min
 Lab File: VN063504.D
 Acq: 21 Sep 2020 23:41

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	259738		
120	42.3	21.3	63.9	





#85

sec-Butylbenzene

Concen: 18.024 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN063504.D

Acq: 21 Sep 2020 23:41

Instrument :

MSVOA_N

ClientSampleId :

VN0921WBS02

Tot Ion:105 Resp: 273530

Ion Ratio Lower Upper

105 100

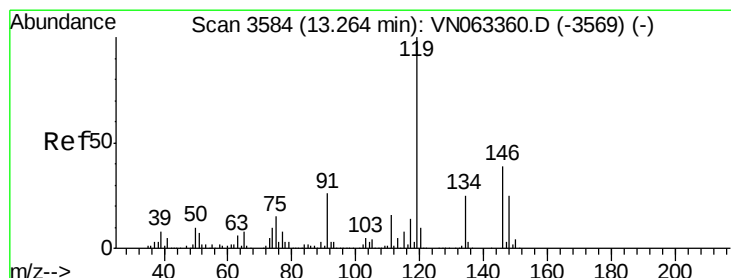
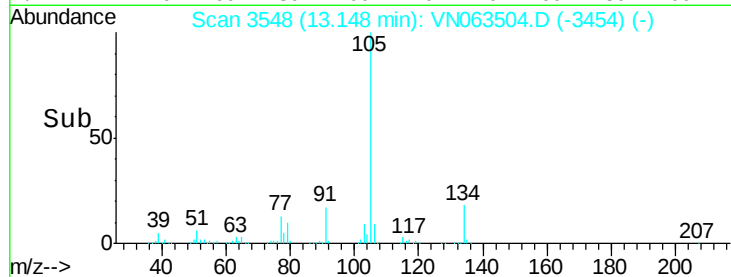
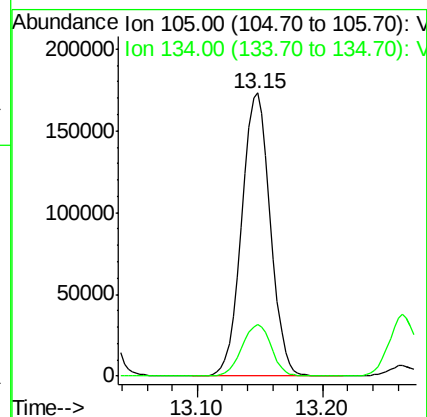
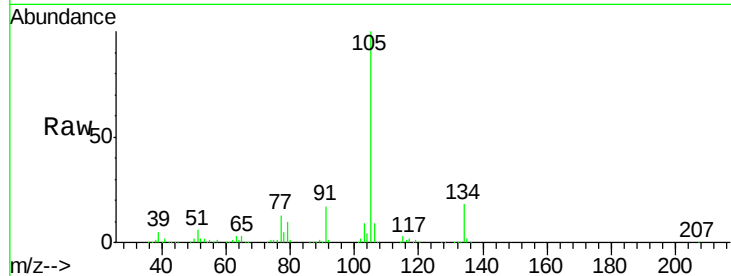
134 18.7 9.3 27.7

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#86

p-Isopropyltoluene

Concen: 18.184 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. -0.00 min

Lab File: VN063504.D

Acq: 21 Sep 2020 23:41

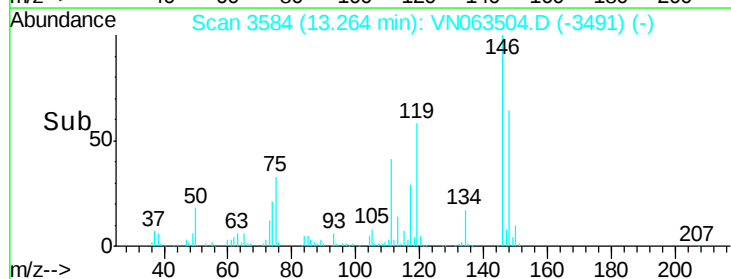
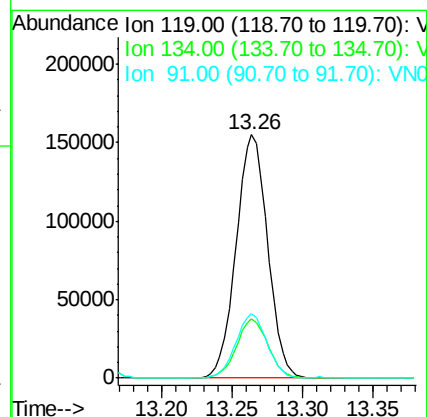
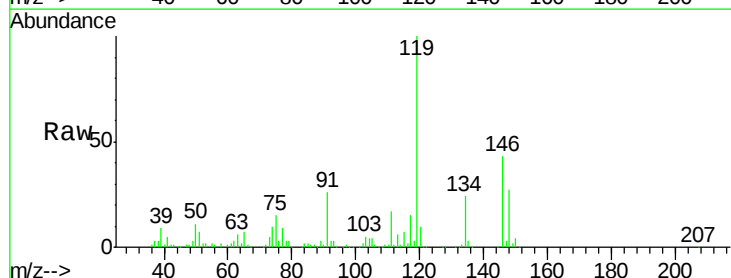
Tgt Ion:119 Resp: 243393

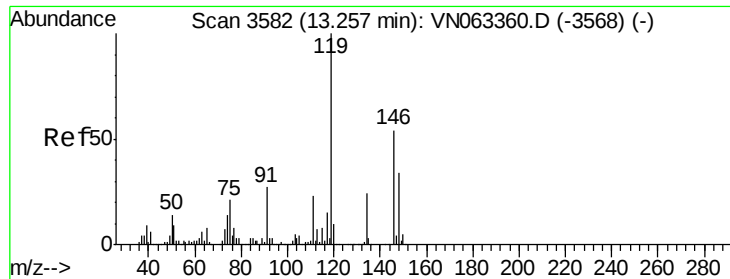
Ion Ratio Lower Upper

119 100

134 24.3 12.5 37.5

91 26.0 13.4 40.1





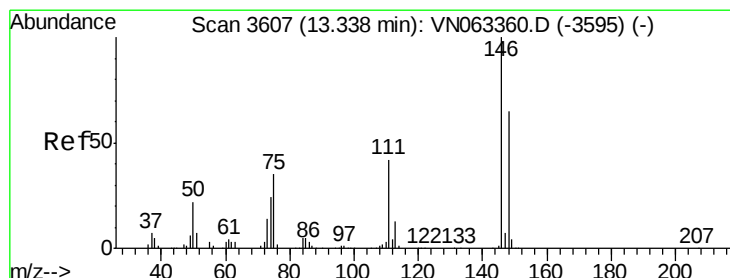
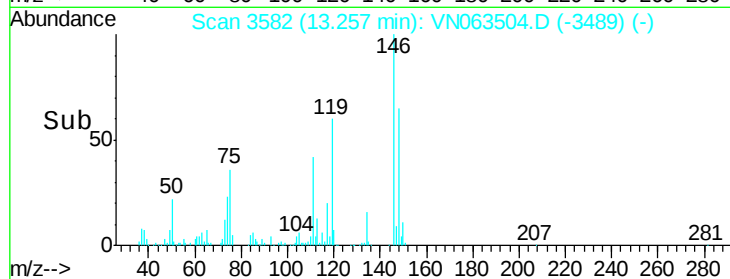
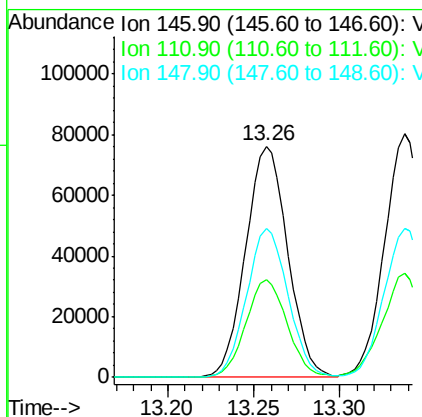
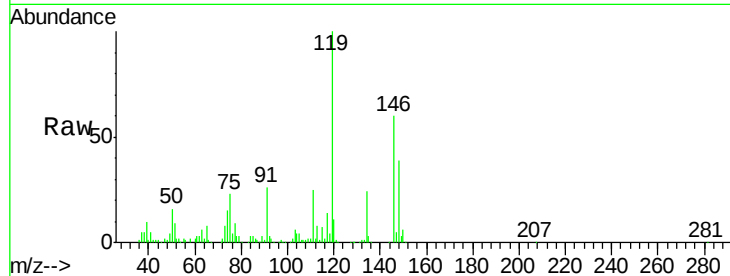
#87
 1,3-Dichlorobenzene
 Concen: 18.836 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN063504.D
 Acq: 21 Sep 2020 23:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.7	21.4	64.3
148	63.5	31.9	95.7

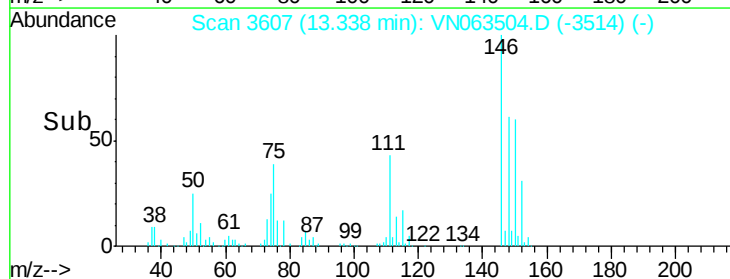
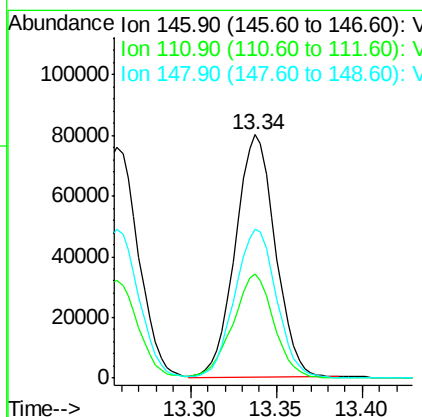
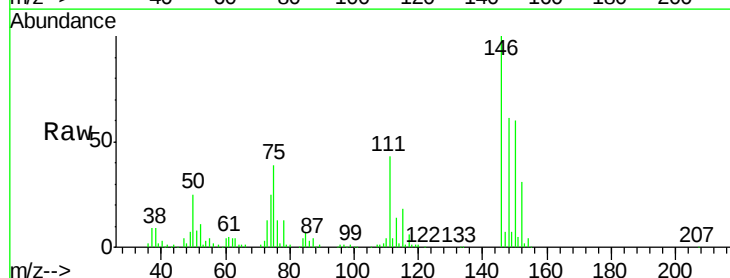
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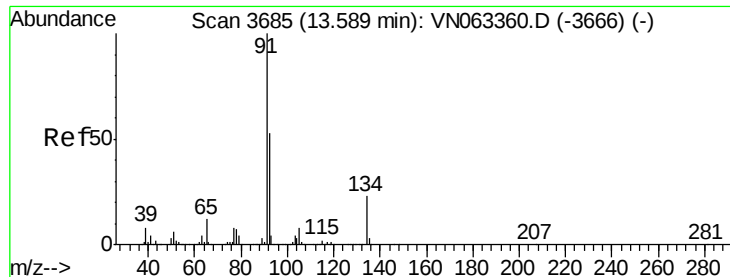
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#88
 1,4-Dichlorobenzene
 Concen: 18.533 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. -0.00 min
 Lab File: VN063504.D
 Acq: 21 Sep 2020 23:41

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.6	21.2	63.6
148	64.4	31.9	95.9





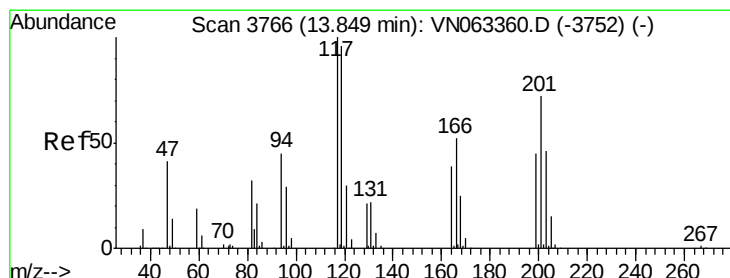
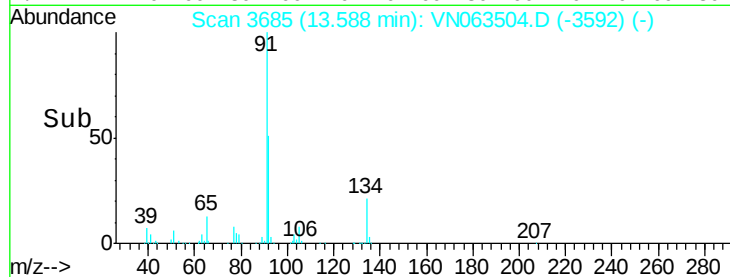
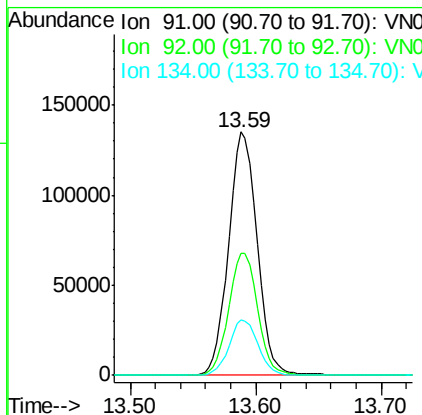
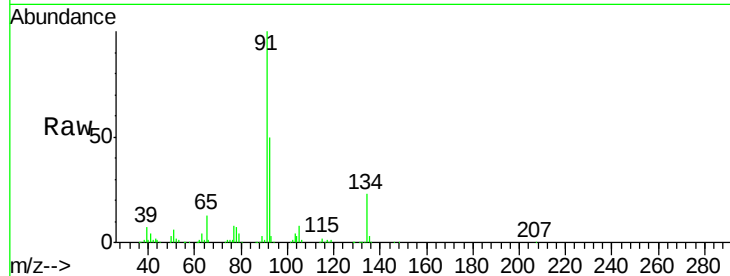
#89
n-Butylbenzene
Concen: 17.317 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN063504.D
Acq: 21 Sep 2020 23:41

Instrument :
MSVOA_N
ClientSampleId :
VN0921WBS02

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.0	26.0	78.0
134	23.2	11.7	35.0

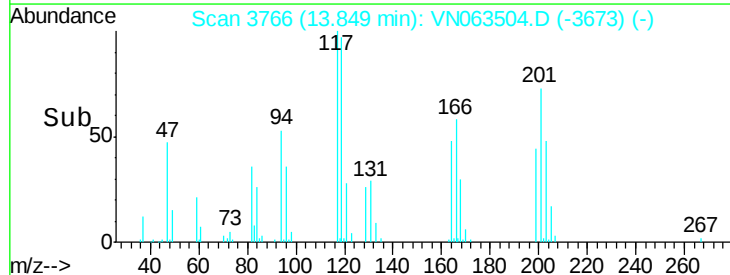
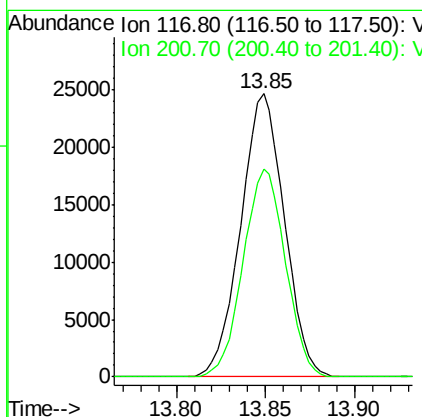
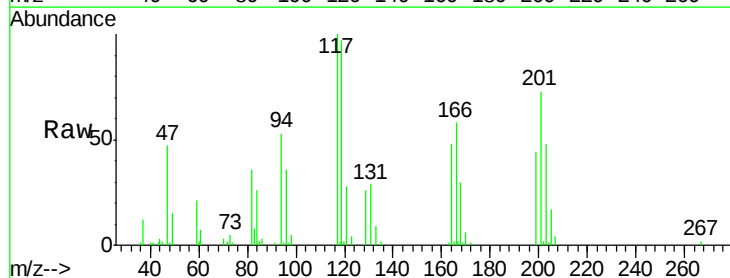
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#90
Hexachloroethane
Concen: 16.561 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. -0.00 min
Lab File: VN063504.D
Acq: 21 Sep 2020 23:41

Tgt Ion	Ratio	Lower	Upper
117	100		
201	71.0	35.5	106.7





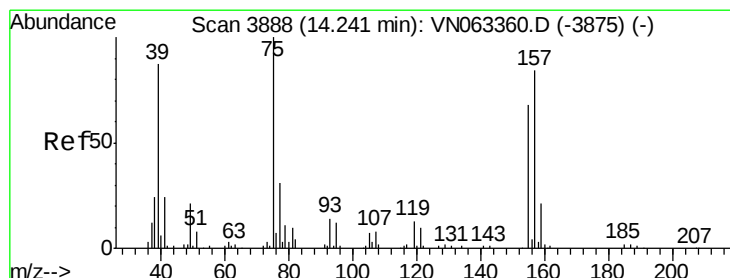
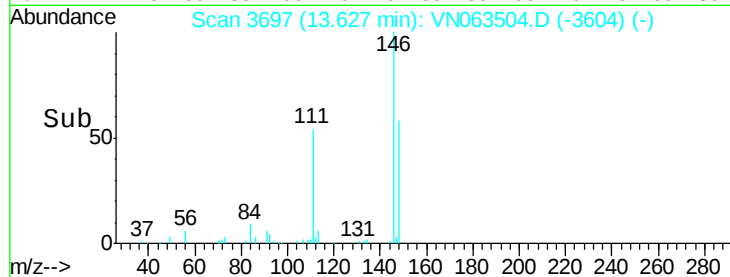
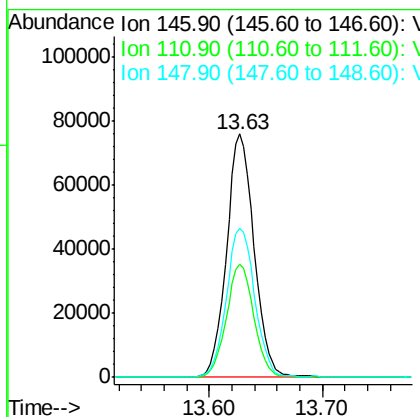
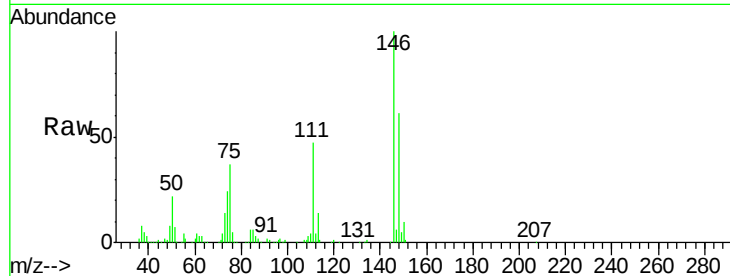
#91
 1,2-Dichlorobenzene
 Concen: 19.042 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. -0.00 min
 Lab File: VN063504.D
 Acq: 21 Sep 2020 23:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	46.3	22.4	67.2
148	63.3	32.0	96.0

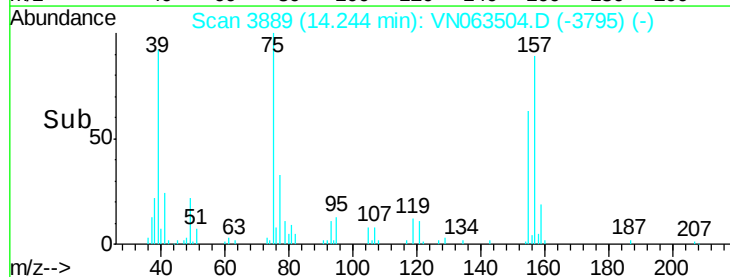
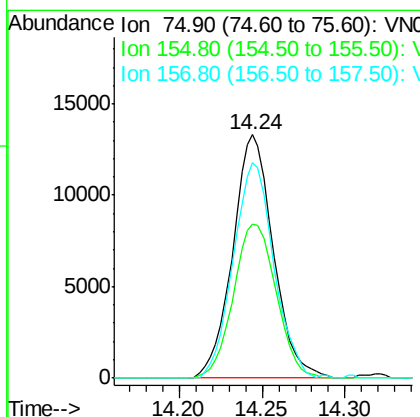
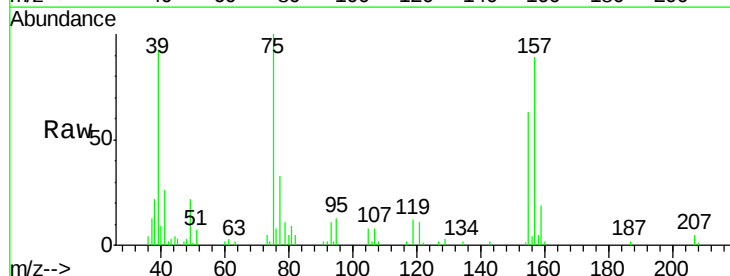
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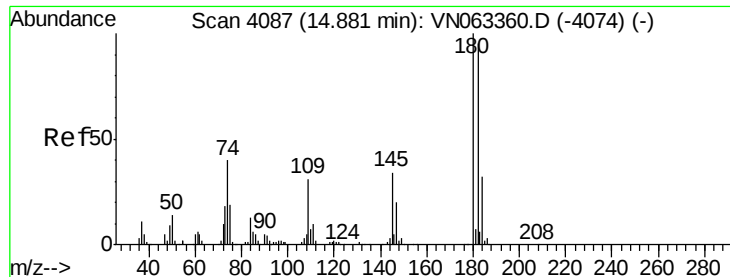
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.683 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN063504.D
 Acq: 21 Sep 2020 23:41

Tgt Ion	Ratio	Lower	Upper
75	100		
155	66.3	34.6	103.9
157	88.0	43.7	131.1





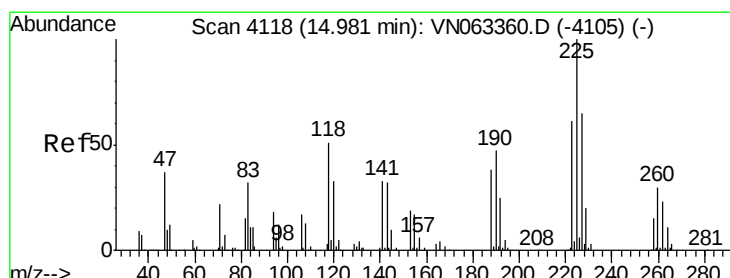
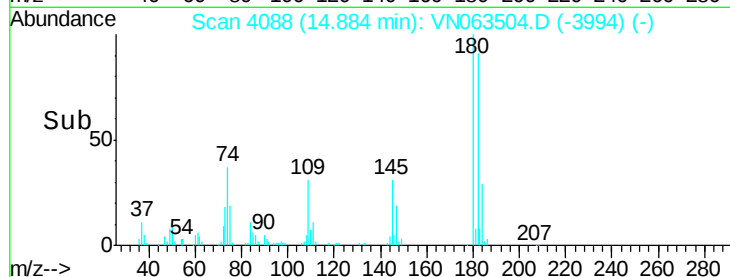
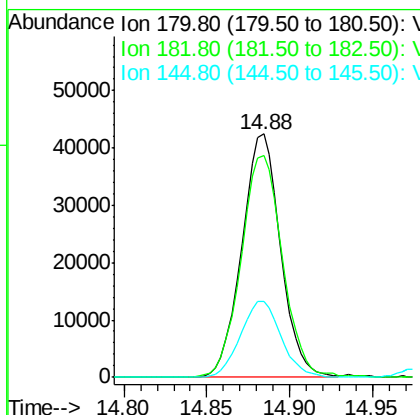
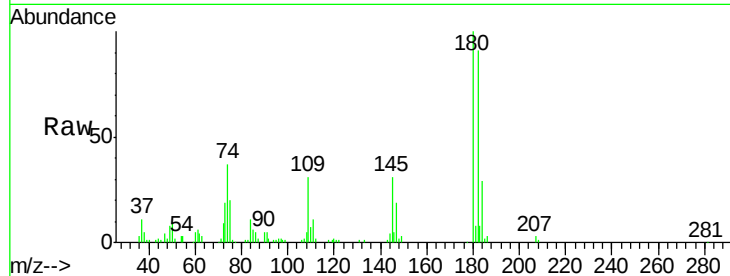
#93
 1,2,4-Trichlorobenzene
 Concen: 17.354 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN063504.D
 Acq: 21 Sep 2020 23:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBS02

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.2	47.3	142.0
145	32.6	16.6	49.7

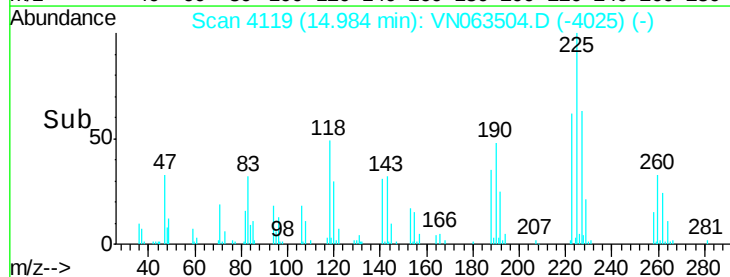
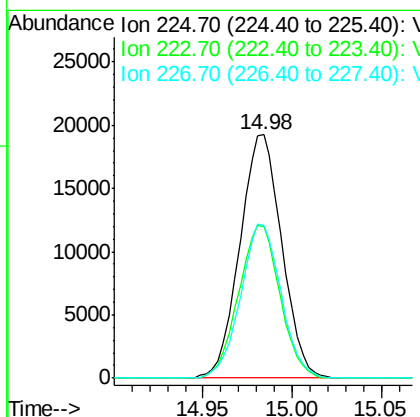
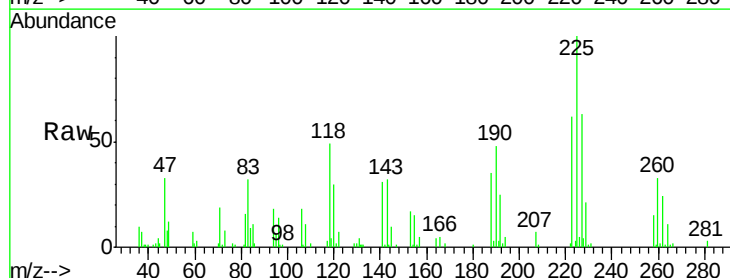
Manual Integrations
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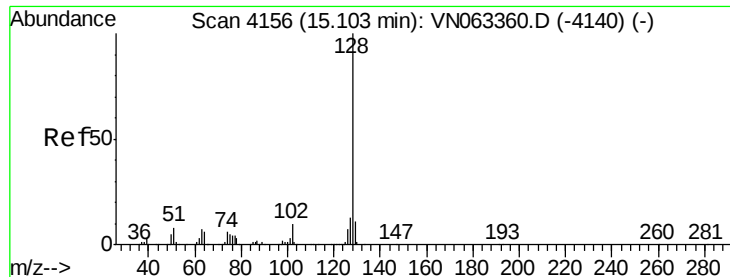
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#94
 Hexachlorobutadiene
 Concen: 19.196 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN063504.D
 Acq: 21 Sep 2020 23:41

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.9	30.6	91.6
227	61.0	31.2	93.6





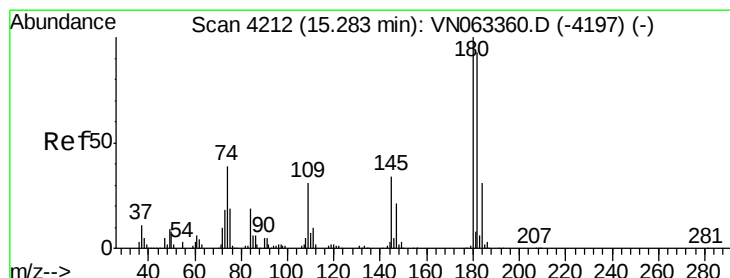
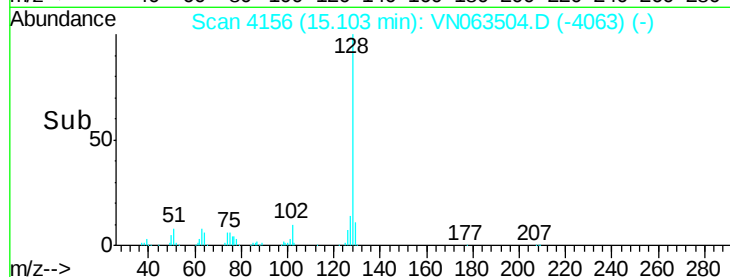
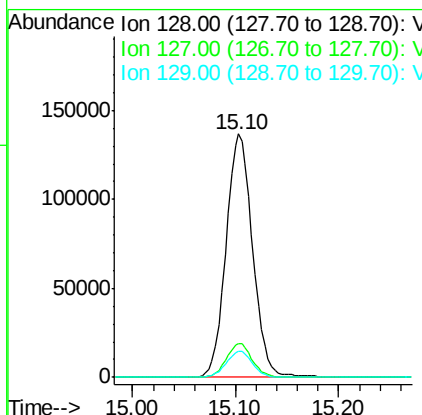
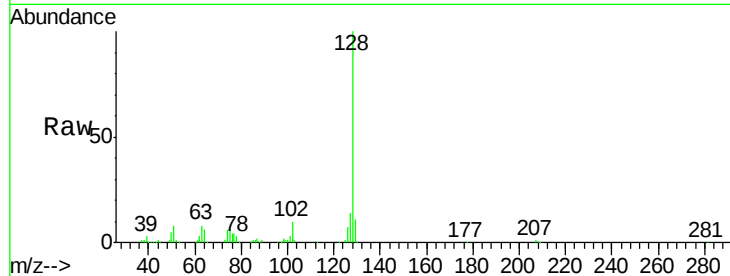
#95
Naphthalene
Concen: 18.644 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. -0.00 min
Lab File: VN063504.D
Acq: 21 Sep 2020 23:41

Instrument :
MSVOA_N
ClientSampleId :
VN0921WBS02

Tot Ion:	128	Resp:	244850
Ion Ratio	Lower	Upper	
128	100		
127	13.6	10.6	15.8
129	10.7	8.8	13.2

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 18.096 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. -0.00 min
Lab File: VN063504.D
Acq: 21 Sep 2020 23:41

Tgt Ion:	180	Resp:	69503
Ion Ratio	Lower	Upper	
180	100		
182	97.0	46.7	140.1
145	34.5	16.8	50.3

