

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091820\
 Data File : VN063451.D
 Acq On : 18 Sep 2020 12:38
 Operator : JC/MD
 Sample : VN0918WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0918WBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/21/2020 11:49:43 AM

Quant Time: Sep 21 01:50:24 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	7.62	168	283458	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	482451	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	440779	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	205710	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	215683	44.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.40%	
35) Dibromofluoromethane	7.55	113	153422	45.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.88%	
50) Toluene-d8	10.06	98	584932	46.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.16%	
62) 4-Bromofluorobenzene	12.38	95	219422	47.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	56316	17.537	ug/l	97
3) Chloromethane	2.04	50	67813	15.963	ug/l	99
4) Vinyl Chloride	2.16	62	66428	17.649	ug/l	98
5) Bromomethane	2.54	94	44052	19.712	ug/l	98
6) Chloroethane	2.68	64	40316	17.450	ug/l	95
7) Trichlorofluoromethane	2.99	101	103827	18.489	ug/l	98
8) Diethyl Ether	3.37	74	40634	18.562	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	57881	18.328	ug/l	98
10) Methyl Iodide	3.92	142	74659	18.158	ug/l	99
11) Tert butyl alcohol	4.72	59	57626	86.207	ug/l	99
12) 1,1-Dichloroethene	3.70	96	55489	17.347	ug/l	96
13) Acrolein	3.57	56	26728	107.895	ug/l	96
14) Allyl chloride	4.28	41	97229	15.367	ug/l	87
15) Acrylonitrile	4.93	53	150285	88.385	ug/l	99
16) Acetone	3.77	43	135362	87.289	ug/l	98
17) Carbon Disulfide	4.01	76	154507	16.606	ug/l	100
18) Methyl Acetate	4.28	43	72085	18.311	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	211138	17.710	ug/l	98
20) Methylene Chloride	4.50	84	70320	17.898	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	61056	17.228	ug/l	91
22) Diisopropyl ether	5.90	45	229043	17.749	ug/l	99
23) Vinyl Acetate	5.84	43	957313	90.330	ug/l	99
24) 1,1-Dichloroethane	5.80	63	124250	17.636	ug/l	99
25) 2-Butanone	6.78	43	205827	86.300	ug/l	97
26) 2,2-Dichloropropane	6.78	77	103373	16.665	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	72085	17.970	ug/l	97
28) Bromochloromethane	7.15	49	60543	18.612	ug/l	98
29) Tetrahydrofuran	7.17	42	139266	85.497	ug/l	98
30) Chloroform	7.33	83	126784	17.937	ug/l	98
31) Cyclohexane	7.61	56	112517	16.884	ug/l	93
32) 1,1,1-Trichloroethane	7.53	97	110398	17.560	ug/l	99
36) 1,1-Dichloropropene	7.75	75	90747	17.656	ug/l	99
37) Ethyl Acetate	6.88	43	89332	17.709	ug/l #	96
38) Carbon Tetrachloride	7.73	117	94069	17.929	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	97894	17.549	ug/l	95
40) Benzene	8.00	78	267558	18.236	ug/l	99
41) Methacrylonitrile	7.12	41	37811	16.665	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	111533	18.902	ug/l	99
43) Isopropyl Acetate	8.13	43	156457	17.345	ug/l	99
44) Trichloroethene	8.80	130	67979	19.102	ug/l	97
45) 1,2-Dichloropropane	9.08	63	75301	18.844	ug/l	98
46) Dibromomethane	9.17	93	49799	18.960	ug/l	98
47) Bromodichloromethane	9.37	83	101639	18.627	ug/l	97
48) Methyl methacrylate	9.17	41	78302	17.669	ug/l	98
49) 1,4-Dioxane	9.16	88	22071	347.045	ug/l	100
51) 4-Methyl-2-Pentanone	9.95	43	467173	92.513	ug/l	100
52) Toluene	10.13	92	169179	19.178	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	110795	18.189	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	118068	18.376	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	67897	19.377	ug/l	98
56) Ethyl methacrylate	10.40	69	99686	18.224	ug/l	99
57) 1,3-Dichloropropane	10.68	76	115734	18.316	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	259041	90.274	ug/l	98
59) 2-Hexanone	10.72	43	337119	92.149	ug/l	99
60) Dibromochloromethane	10.87	129	73946	18.680	ug/l	98
61) 1,2-Dibromoethane	10.98	107	69429	19.072	ug/l	100
64) Tetrachloroethene	10.60	164	60745	20.239	ug/l	97
65) Chlorobenzene	11.41	112	174190	18.617	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	65171	19.002	ug/l	99
67) Ethyl Benzene	11.48	91	323300	18.348	ug/l	99
68) m/p-Xylenes	11.59	106	236189	37.178	ug/l	99
69) o-Xylene	11.92	106	116715	19.286	ug/l	97
70) Styrene	11.94	104	193522	19.068	ug/l	99
71) Bromoform	12.10	173	47131	18.446	ug/l #	98
73) Isopropylbenzene	12.23	105	308518	18.716	ug/l	99
74) N-amyl acetate	12.05	43	137912	17.674	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	94755	18.564	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	88781m	17.437	ug/l	
77) Bromobenzene	12.50	156	72893	19.658	ug/l	95
78) n-propylbenzene	12.57	91	366199	19.073	ug/l	99
79) 2-Chlorotoluene	12.65	91	217890	18.932	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	261266	19.007	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	32163	17.318	ug/l	97
82) 4-Chlorotoluene	12.75	91	225650	18.556	ug/l	99
83) tert-Butylbenzene	12.97	119	211136	18.610	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	264879	19.077	ug/l	100
85) sec-Butylbenzene	13.15	105	287363	18.923	ug/l	99
86) p-Isopropyltoluene	13.26	119	254872	19.028	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	129193	18.798	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	134299	19.220	ug/l	99
89) n-Butylbenzene	13.59	91	228999	18.548	ug/l	99
90) Hexachloroethane	13.85	117	44239	17.345	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	128812	19.090	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	21518	17.704	ug/l	98

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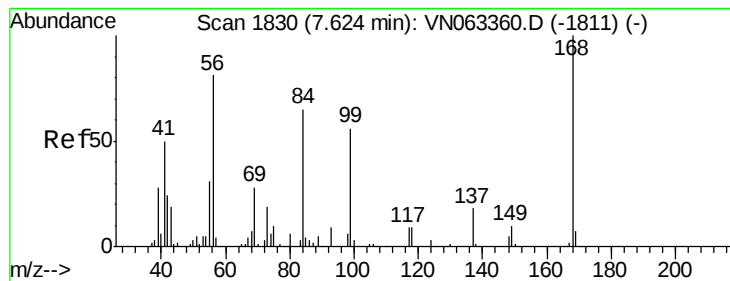
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	73395	18.451	ug/l	99
94) Hexachlorobutadiene	14.98	225	32023	19.445	ug/l	99
95) Naphthalene	15.10	128	237991	18.109	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	69903	18.187	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN063451.D

Acq: 18 Sep 2020 12:38

Instrument :

MSVOA_N

ClientSampleId :

VN0918WBSD01

Tot Ion:168 Resp: 283458

Ion Ratio Lower Upper

168 100

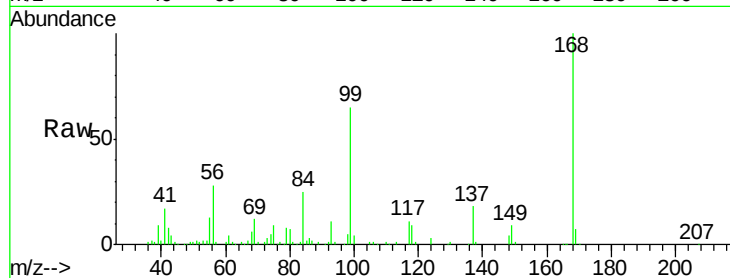
99 64.6 53.0 79.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

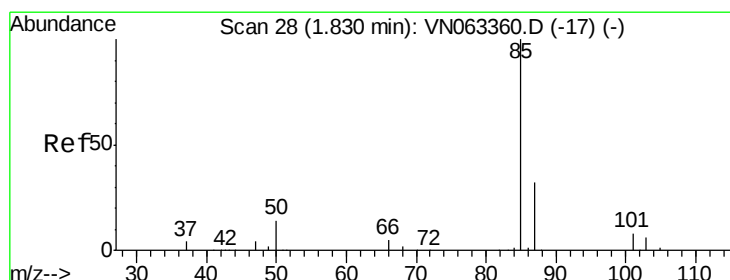
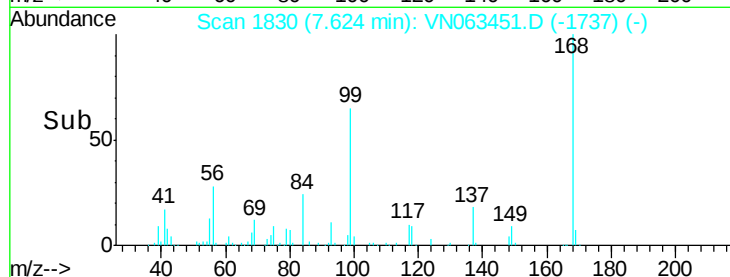
7.62

100000

50000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 17.537 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063451.D

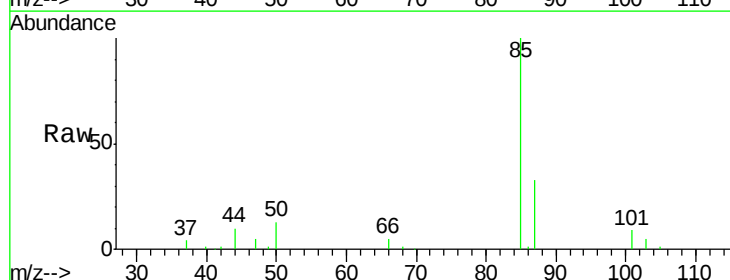
Acq: 18 Sep 2020 12:38

Tgt Ion: 85 Resp: 56316

Ion Ratio Lower Upper

85 100

87 33.4 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

50000

40000

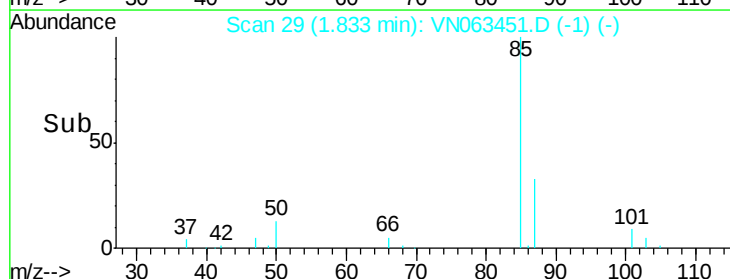
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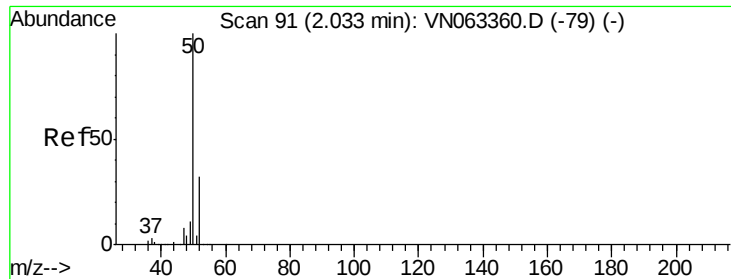
20000

10000

0

Time--> 1.80 1.85 1.90





#3

Chloromethane

Concen: 15.963 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063451.D

Acq: 18 Sep 2020 12:38

Instrument :

MSVOA_N

ClientSampleId :

VN0918WBSD01

Tot Ion: 50 Resp: 67813

Ion Ratio Lower Upper

50 100

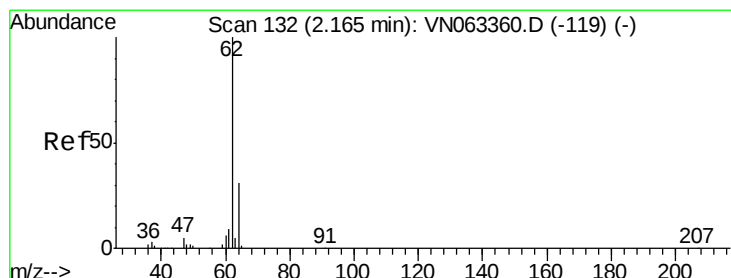
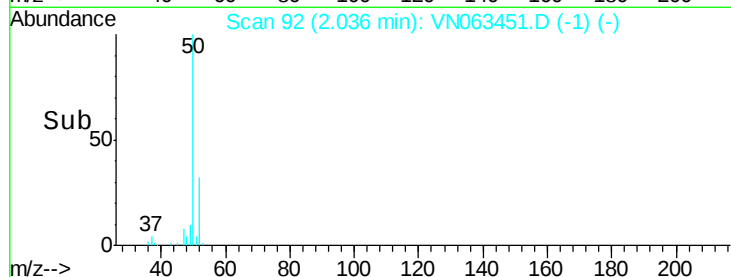
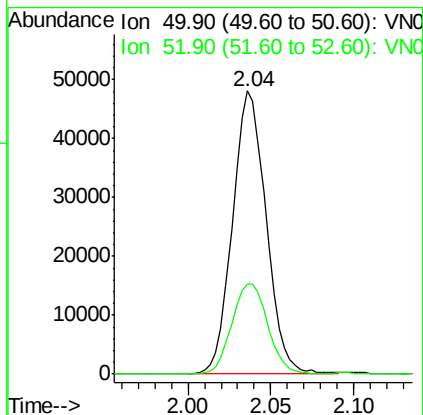
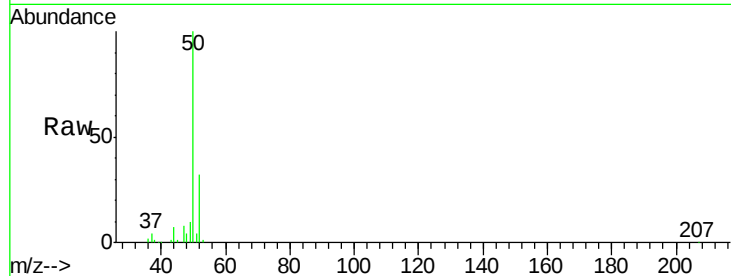
52 31.8 25.9 38.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 17.649 ug/l

RT: 2.16 min Scan# 132

Delta R.T. -0.00 min

Lab File: VN063451.D

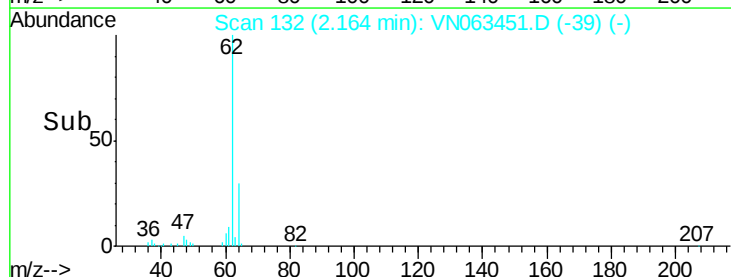
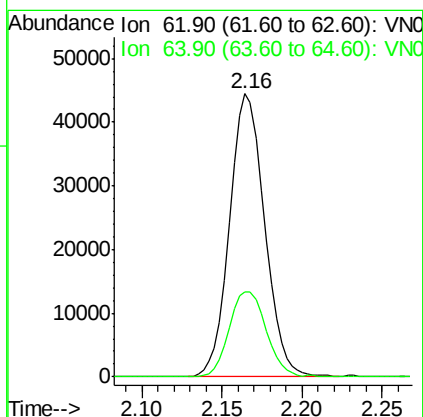
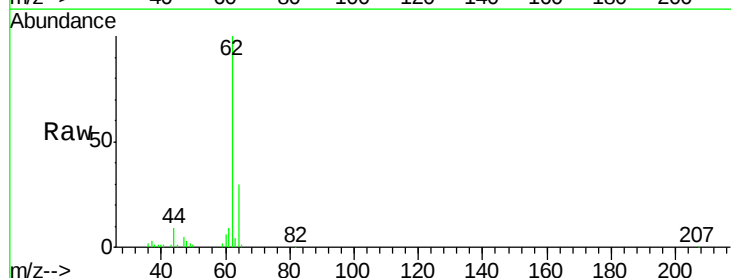
Acq: 18 Sep 2020 12:38

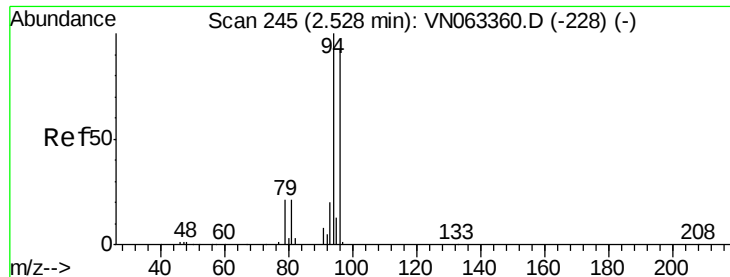
Tgt Ion: 62 Resp: 66428

Ion Ratio Lower Upper

62 100

64 30.2 25.1 37.7





#5

Bromomethane

Concen: 19.712 ug/l

RT: 2.54 min Scan# 248

Delta R.T. 0.01 min

Lab File: VN063451.D

Acq: 18 Sep 2020 12:38

Instrument :

MSVOA_N

ClientSampleId :

VN0918WBSD01

Tot Ion: 94 Resp: 44052

Ion Ratio Lower Upper

94 100

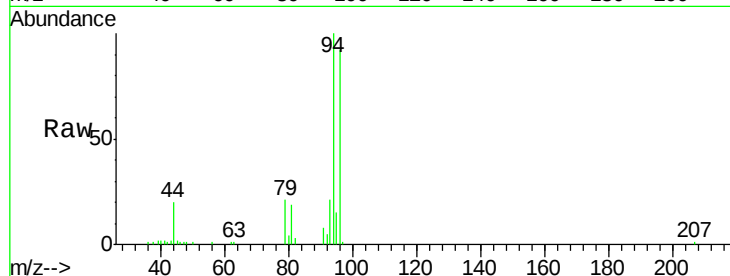
96 91.5 74.5 111.7

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

25000

20000

15000

10000

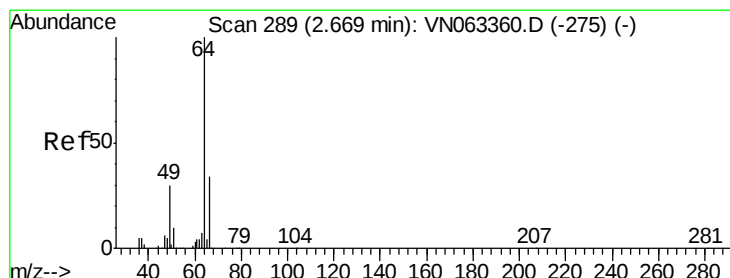
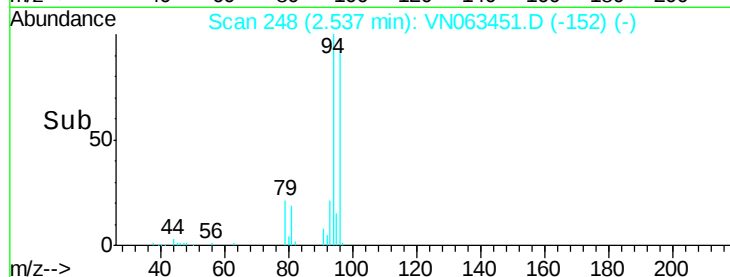
5000

0

Time-->

2.45 2.50 2.55 2.60 2.65

2.54



#6

Chloroethane

Concen: 17.450 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.01 min

Lab File: VN063451.D

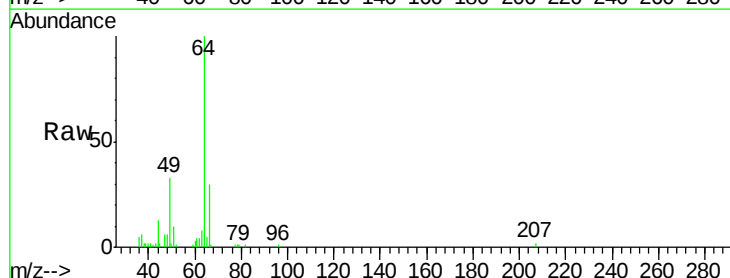
Acq: 18 Sep 2020 12:38

Tgt Ion: 64 Resp: 40316

Ion Ratio Lower Upper

64 100

66 30.5 26.9 40.3



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

20000

15000

10000

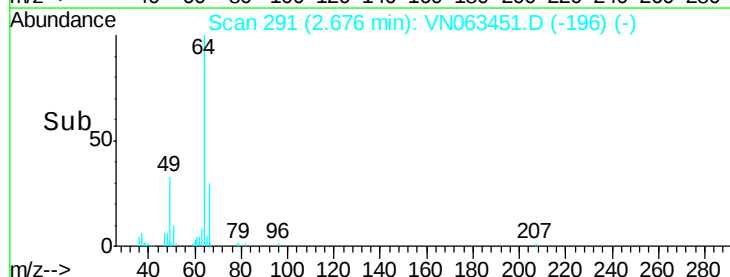
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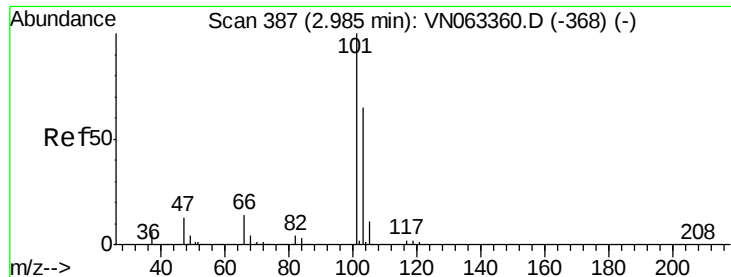
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Time-->

2.60 2.65 2.70 2.75

2.68





#7

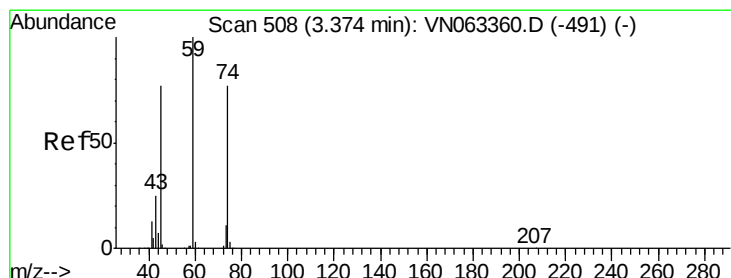
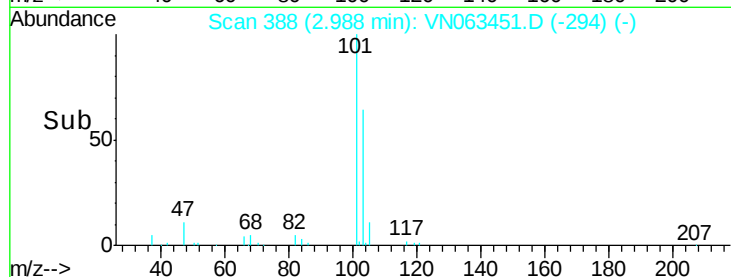
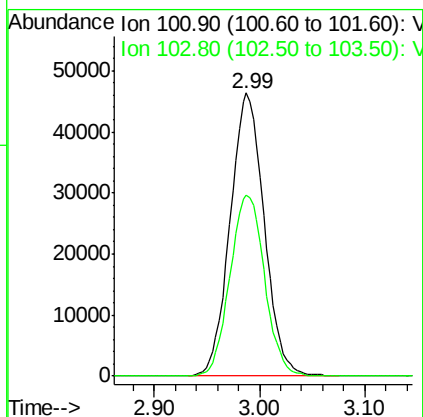
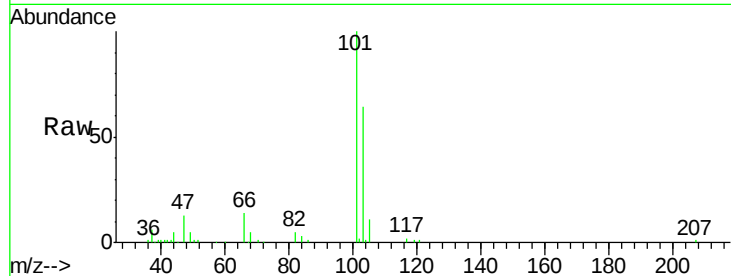
Trichlorofluoromethane
 Concen: 18.489 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: VN063451.D
 Acq: 18 Sep 2020 12:38

Instrument :
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 VN0918WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	103827		
103	64.0	52.3	78.5	

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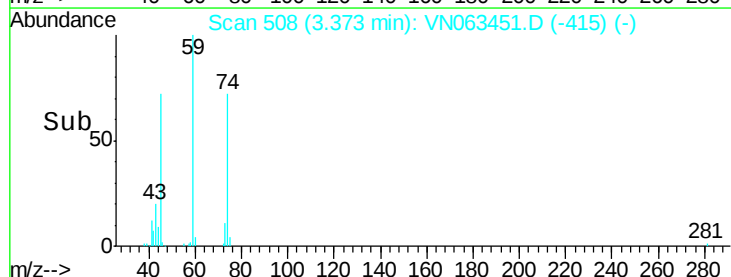
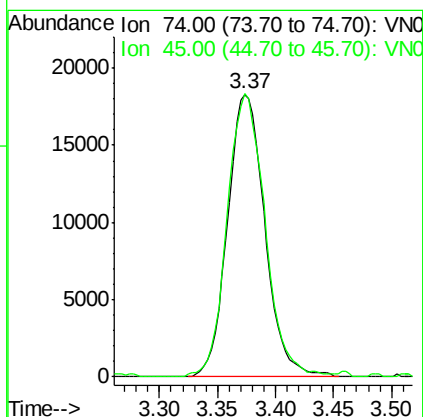
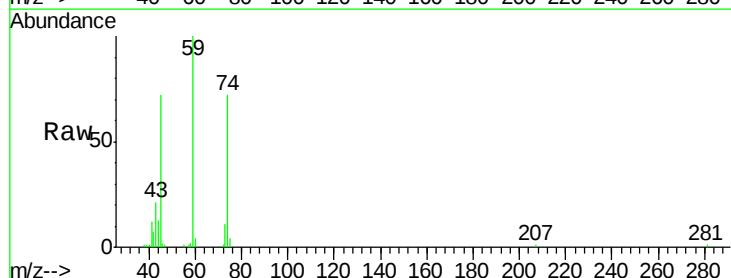
MMDadoda
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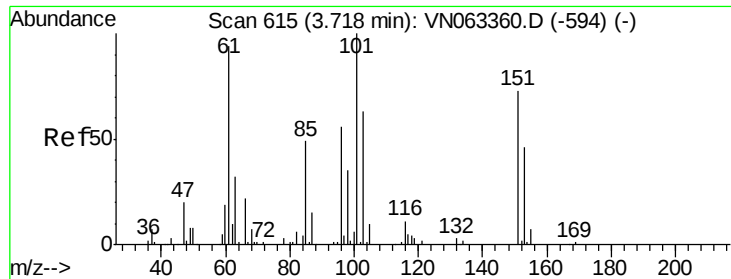


#8

Diethyl Ether
 Concen: 18.562 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN063451.D
 Acq: 18 Sep 2020 12:38

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	40634		
45	102.5	52.1	156.4	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.328 ug/l

RT: 3.72 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN063451.D

Acq: 18 Sep 2020 12:38

Instrument :

MSVOA_N

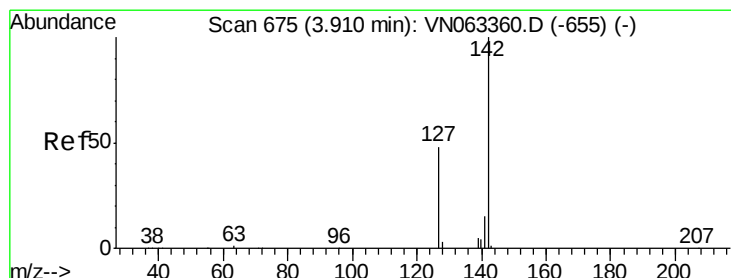
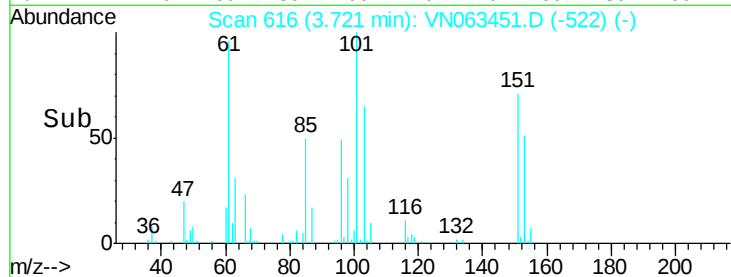
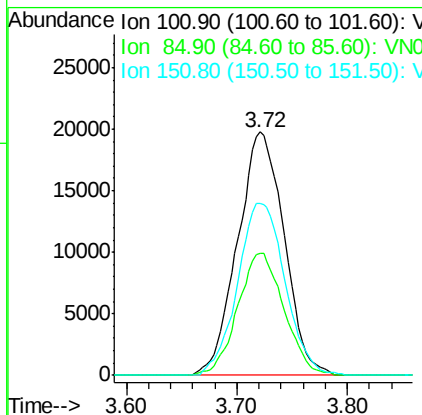
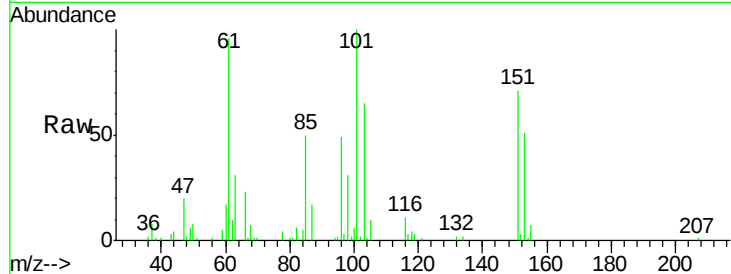
ClientSampled :

VN0918WBSD01

Tot Ion:	101	Resp:	57881
Ion Ratio	Lower	Upper	
101	100		
85	49.8	37.7	56.5
151	71.9	57.7	86.5

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9/21/2020 11:49:43 AM



#10

Methyl Iodide

Concen: 18.158 ug/l

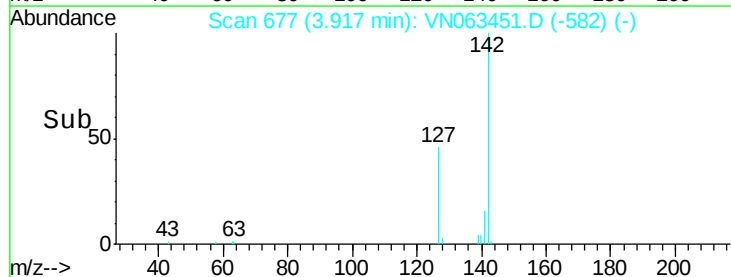
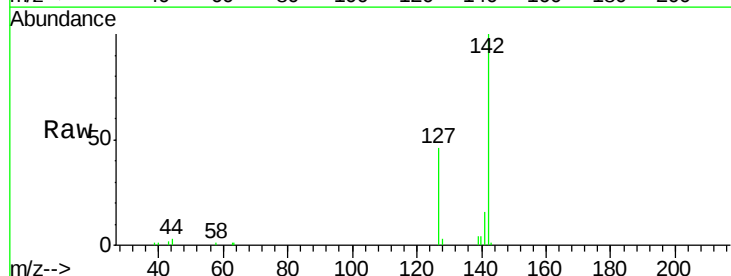
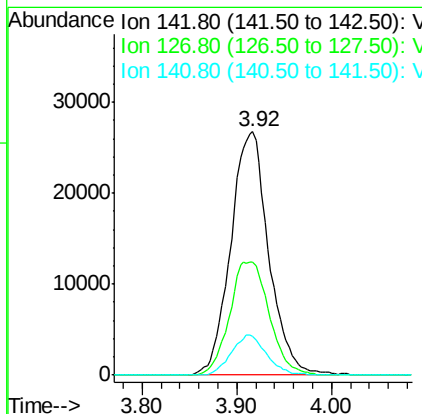
RT: 3.92 min Scan# 677

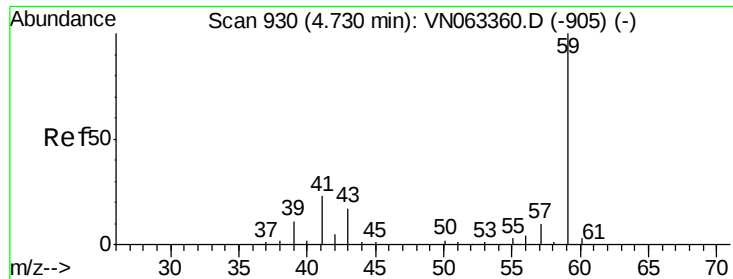
Delta R.T. 0.01 min

Lab File: VN063451.D

Acq: 18 Sep 2020 12:38

Tgt Ion:	142	Resp:	74659
Ion Ratio	Lower	Upper	
142	100		
127	48.5	39.0	58.6
141	15.3	11.6	17.4





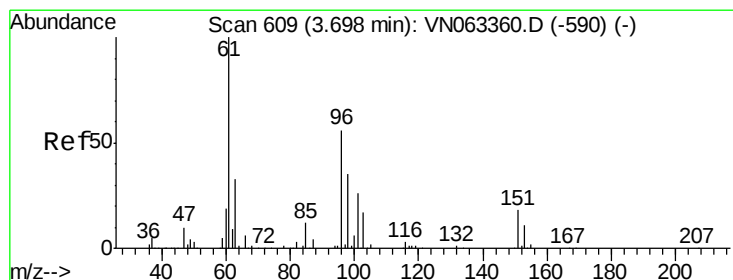
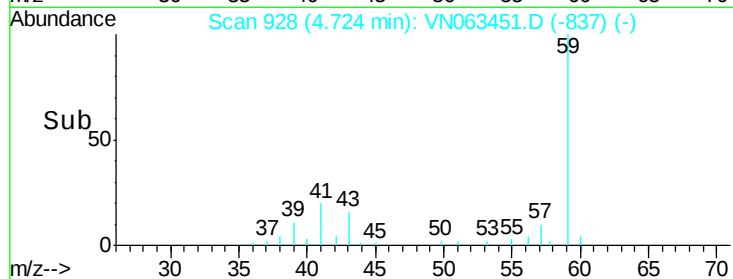
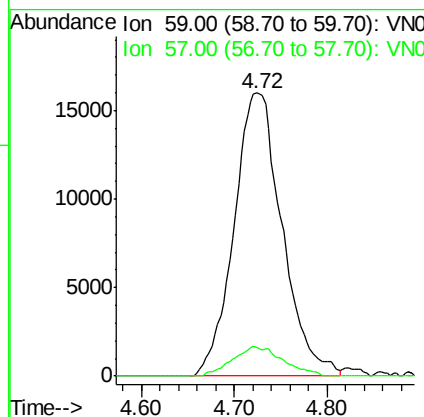
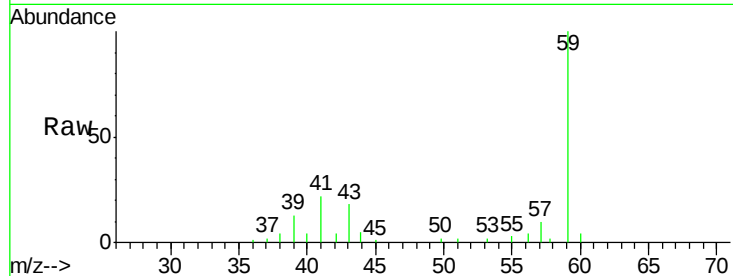
#11
Tert butyl alcohol
Concen: 86.207 ug/l
RT: 4.72 min Scan# 928
Delta R.T. -0.01 min
Lab File: VN063451.D
Acq: 18 Sep 2020 12:38

Instrument :
MSVOA_N
ClientSampleId :
VN0918WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.0	8.4	12.6

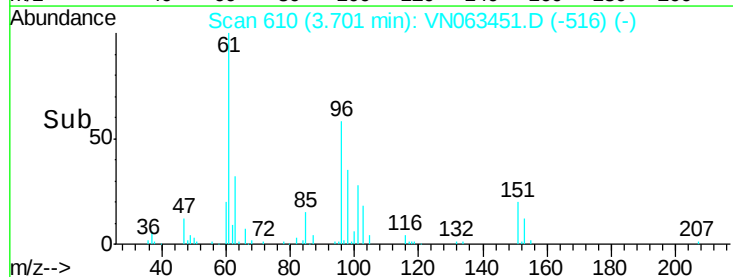
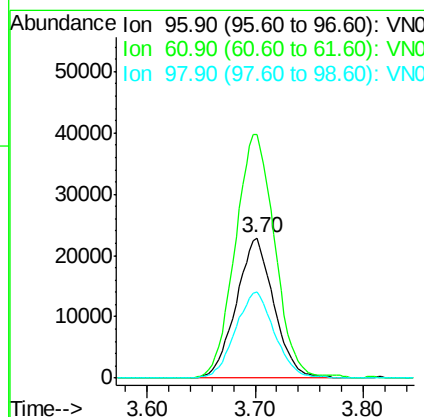
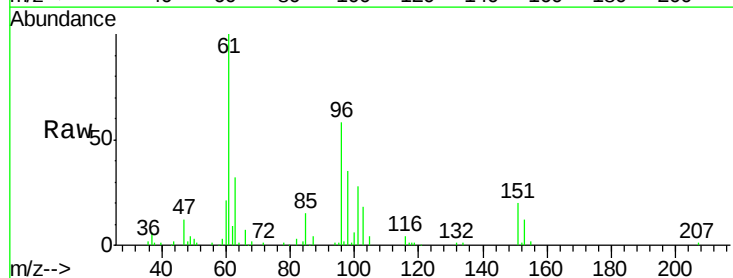
Manual Integrations
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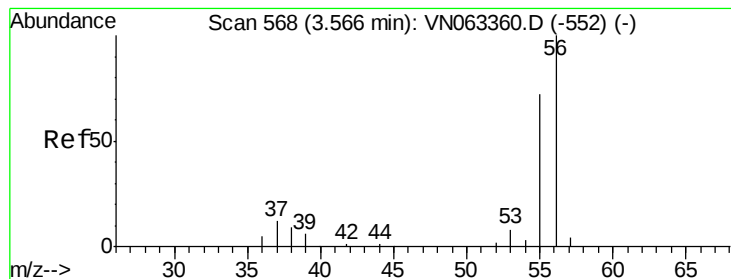
MMDadoda
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#12
1,1-Dichloroethene
Concen: 17.347 ug/l
RT: 3.70 min Scan# 610
Delta R.T. 0.00 min
Lab File: VN063451.D
Acq: 18 Sep 2020 12:38

Tgt Ion	Ratio	Lower	Upper
96	100		
61	173.7	143.4	215.2
98	61.5	50.6	76.0





#13

Acrolein

Concen: 107.895 ug/l

RT: 3.57 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN063451.D

Acq: 18 Sep 2020 12:38

Instrument :

MSVOA_N

ClientSampleId :

VN0918WBSD01

Tot Ion: 56 Resp: 26728

Ion Ratio Lower Upper

56 100

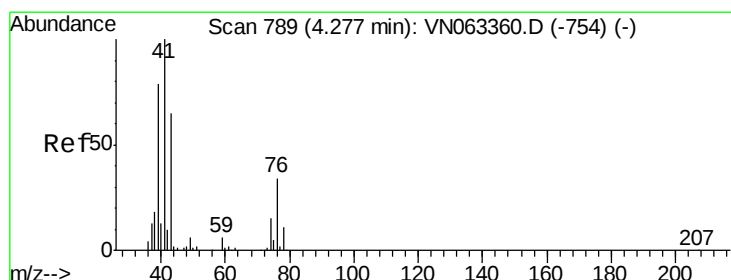
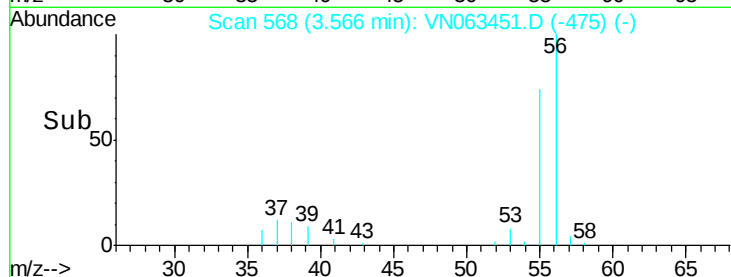
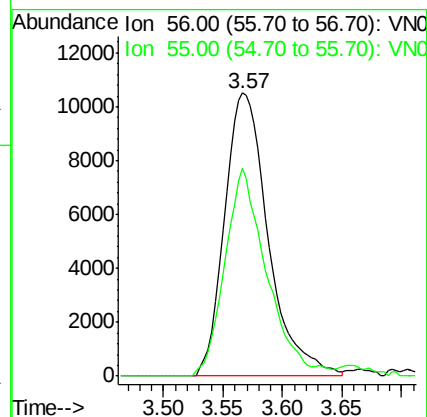
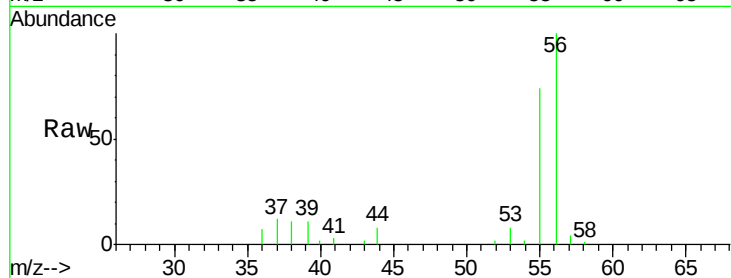
55 69.5 58.2 87.2

Manual Integrations

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#14

Allyl chloride

Concen: 15.367 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063451.D

Acq: 18 Sep 2020 12:38

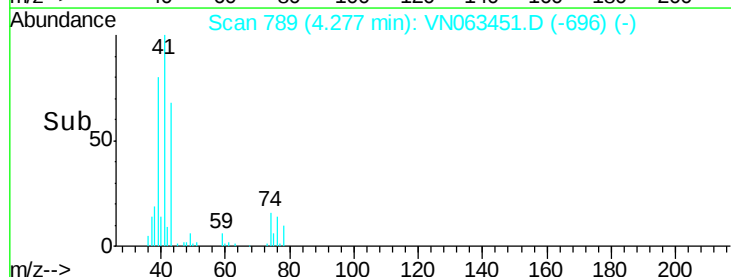
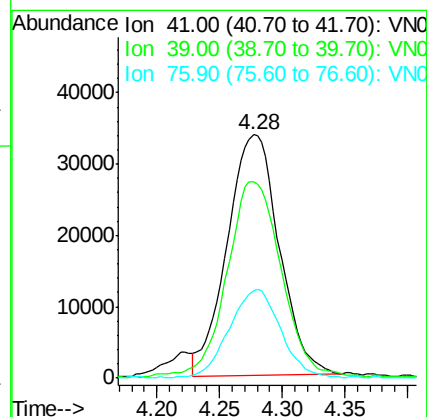
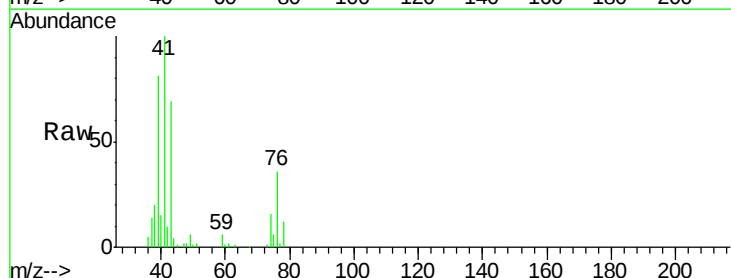
Tgt Ion: 41 Resp: 97229

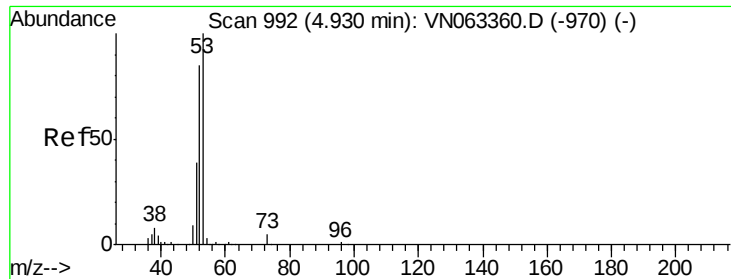
Ion Ratio Lower Upper

41 100

39 86.7 59.3 88.9

76 36.6 25.3 37.9





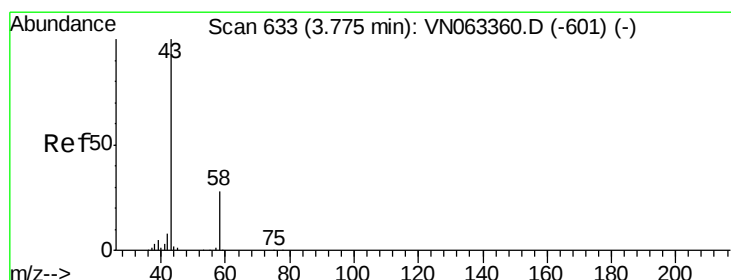
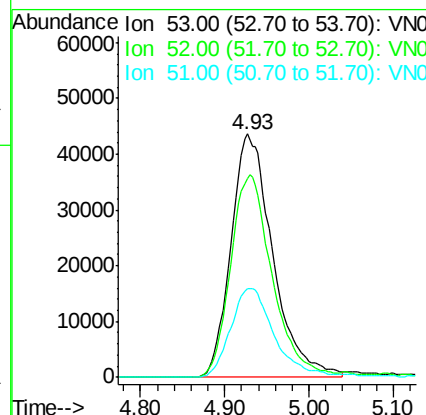
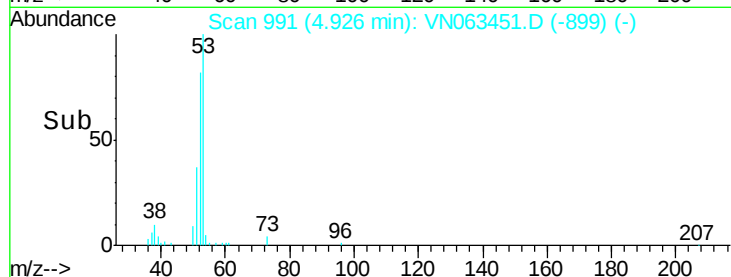
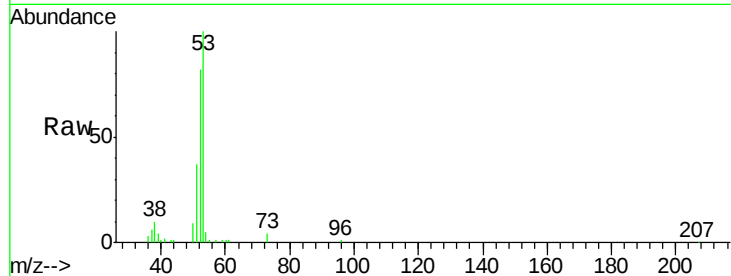
#15
 Acrylonitrile
 Concen: 88.385 ug/l
 RT: 4.93 min Scan# 991
 Delta R.T. -0.00 min
 Lab File: VN063451.D
 Acq: 18 Sep 2020 12:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0918WBSD01

Tot Ion	Ratio	Lower	Upper
53	100		
52	82.6	66.4	99.6
51	38.4	30.2	45.4

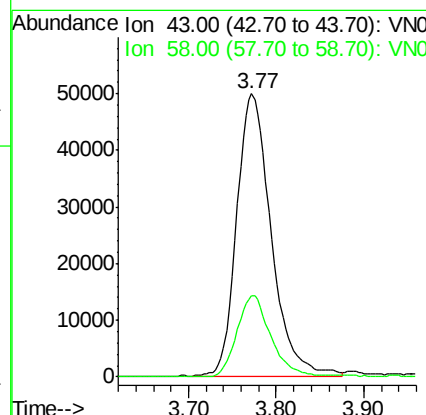
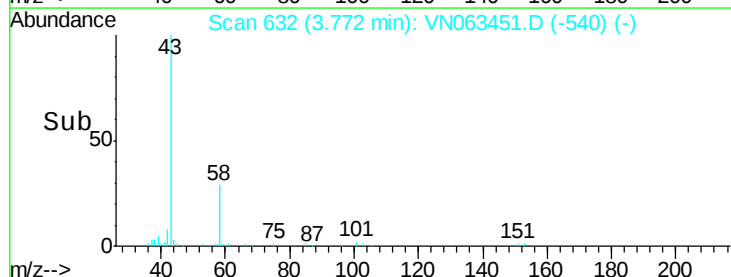
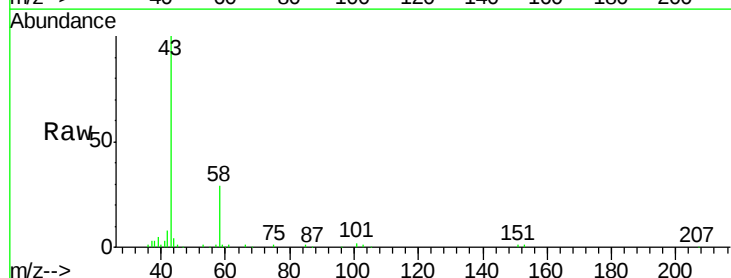
Manual Integrations
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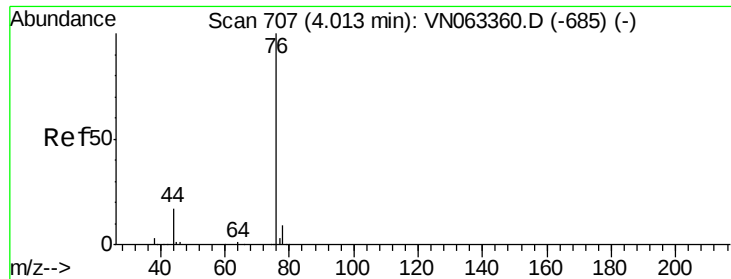
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#16
 Acetone
 Concen: 87.289 ug/l
 RT: 3.77 min Scan# 632
 Delta R.T. -0.00 min
 Lab File: VN063451.D
 Acq: 18 Sep 2020 12:38

Tgt Ion	Ratio	Lower	Upper
43	100		
58	28.9	22.3	33.5





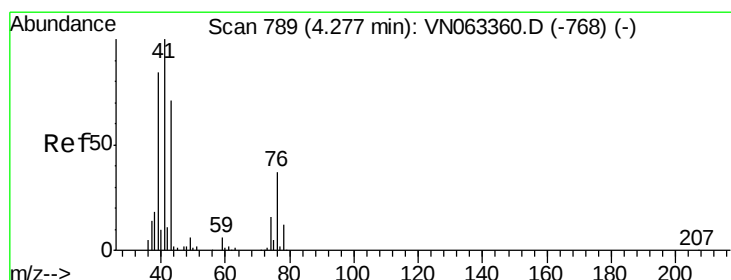
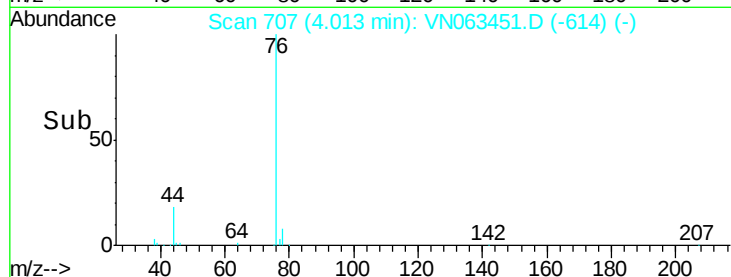
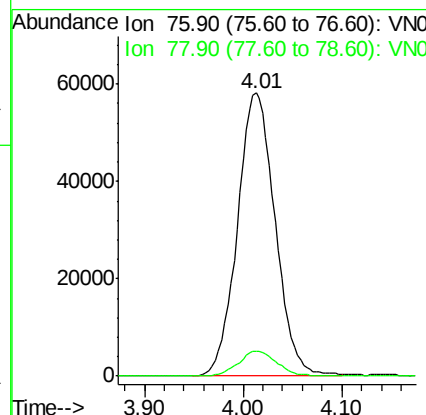
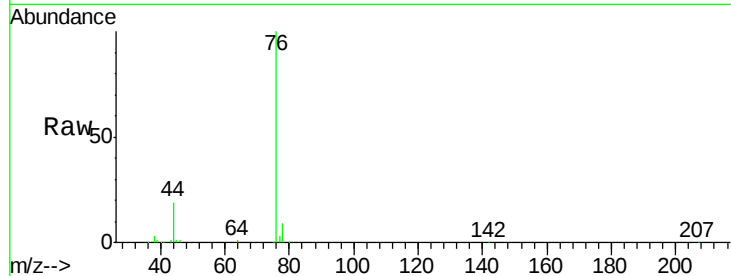
#17
Carbon Disulfide
Concen: 16.606 ug/l
RT: 4.01 min Scan# 707
Delta R.T. -0.00 min
Lab File: VN063451.D
Acq: 18 Sep 2020 12:38

Instrument :
MSVOA_N
ClientSampleId :
VN0918WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.2	10.8

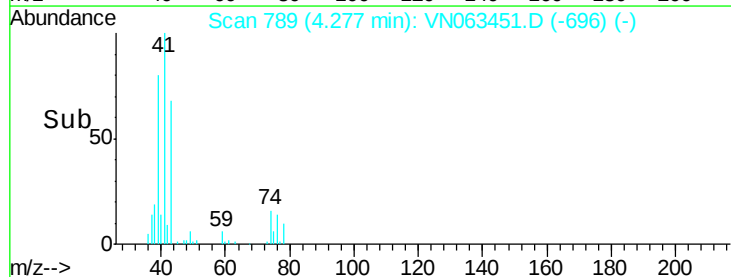
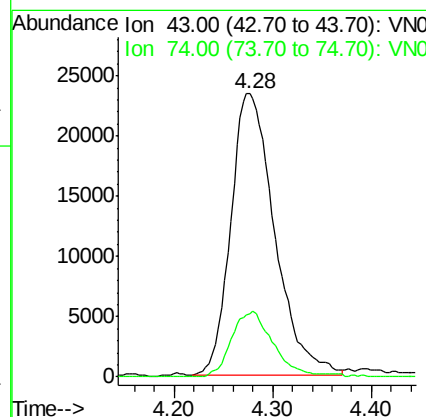
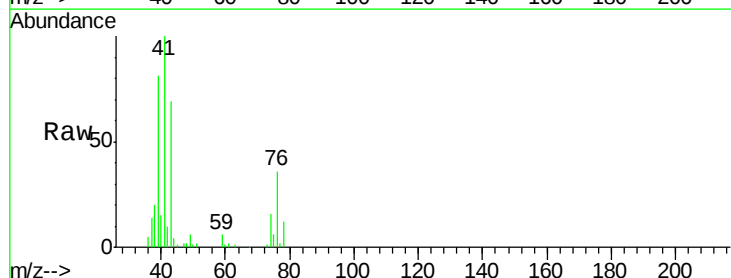
Manual Integrations
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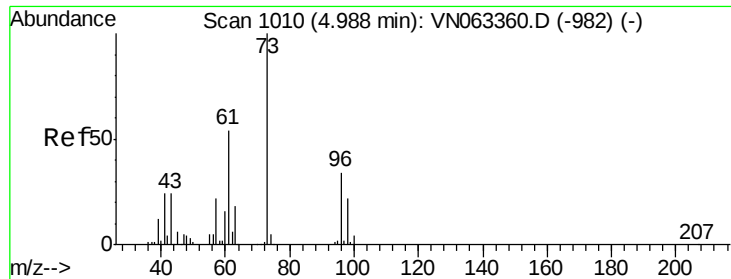
MMDadoda
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#18
Methyl Acetate
Concen: 18.311 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN063451.D
Acq: 18 Sep 2020 12:38

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.5	17.4	26.2





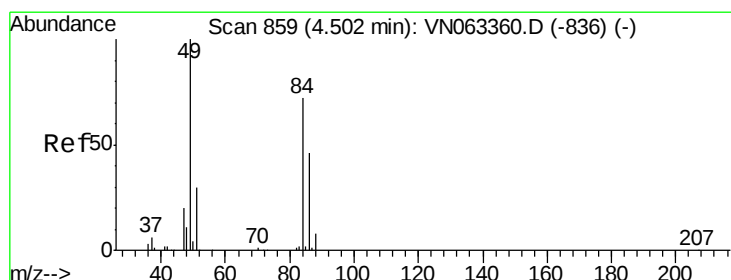
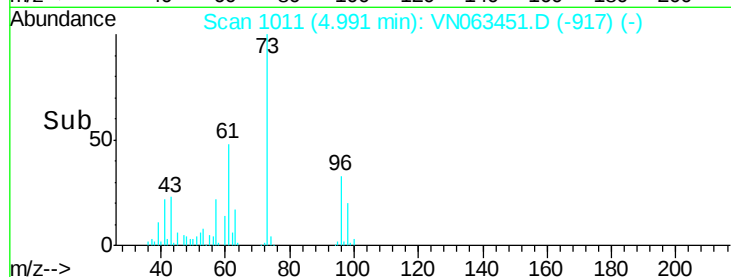
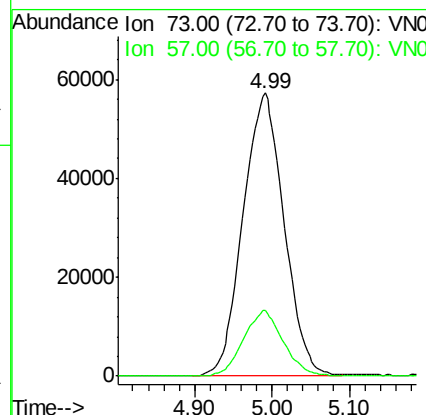
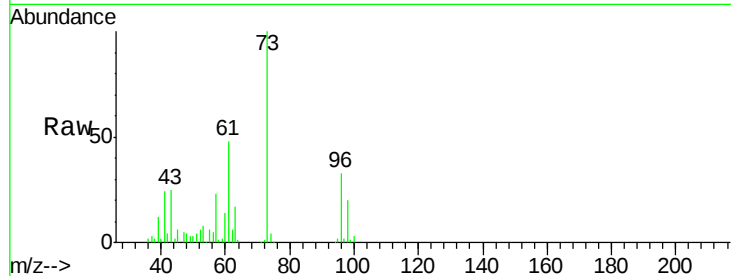
#19
Methvl tert-butvl Ether
Concen: 17.710 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN063451.D
Acq: 18 Sep 2020 12:38

Instrument :
MSVOA_N
ClientSampleId :
VN0918WBSD01

Tot Ion: 73 Resp: 211138
Ion Ratio Lower Upper
73 100
57 23.1 17.9 26.9

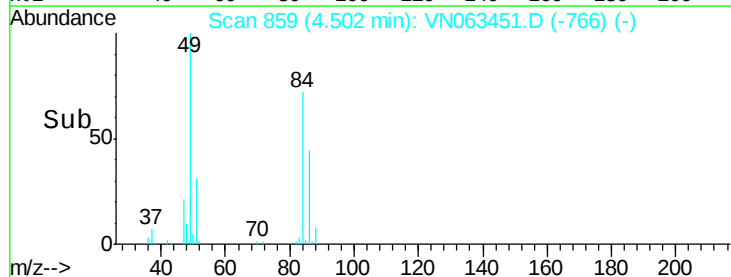
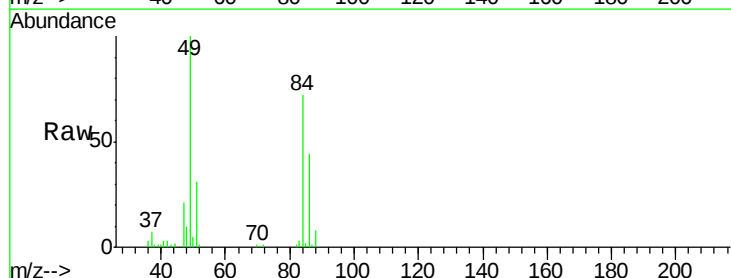
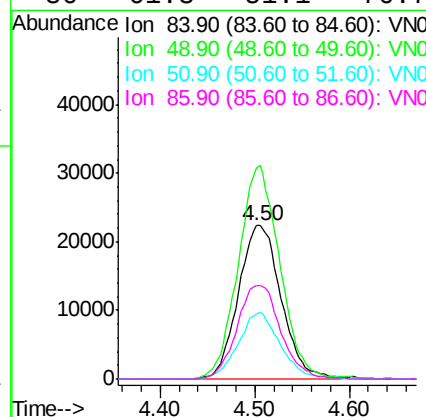
Manual Integrations
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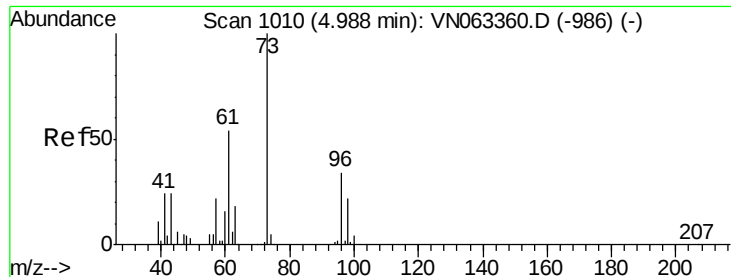
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#20
Methylene Chloride
Concen: 17.898 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN063451.D
Acq: 18 Sep 2020 12:38

Tgt Ion: 84 Resp: 70320
Ion Ratio Lower Upper
84 100
49 138.1 110.7 166.1
51 42.3 32.9 49.3
86 61.3 51.1 76.7





#21

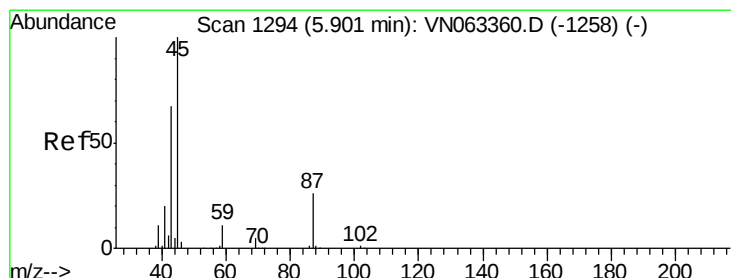
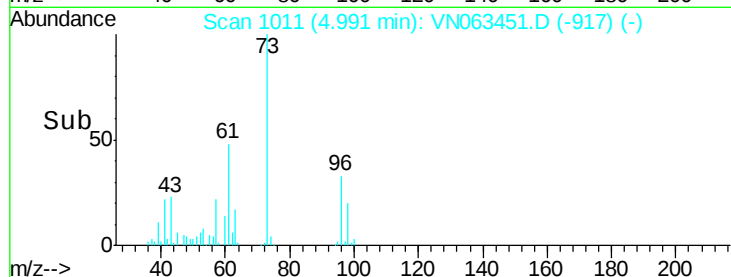
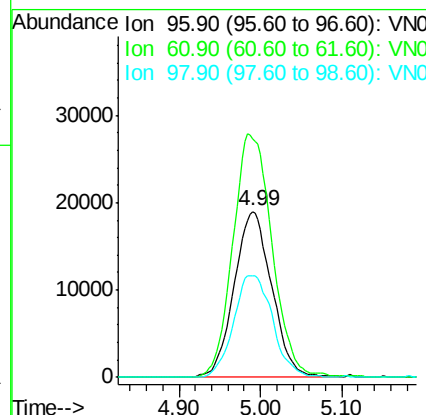
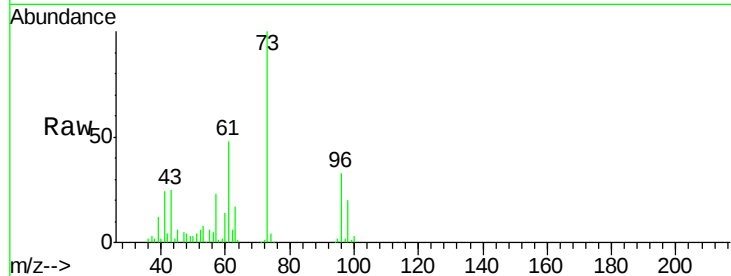
trans-1,2-Dichloroethene
Concen: 17.228 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN063451.D
Acq: 18 Sep 2020 12:38

Instrument :
MSVOA_N
ClientSampled :
VN0918WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	143.5	126.2	189.4
98	61.2	51.0	76.4

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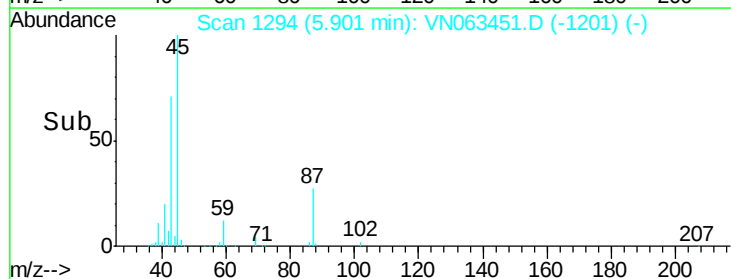
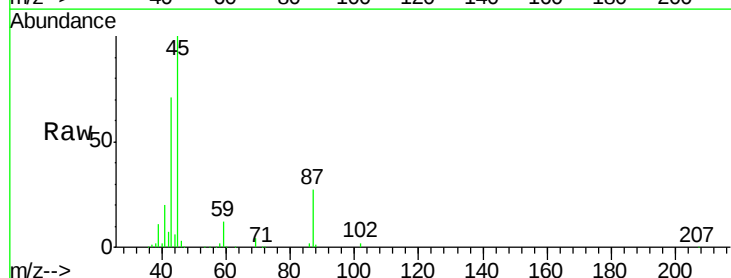
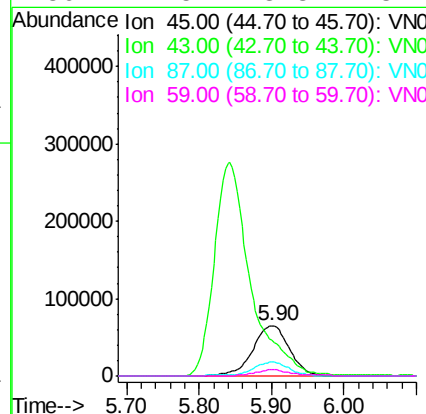
MMDadoda
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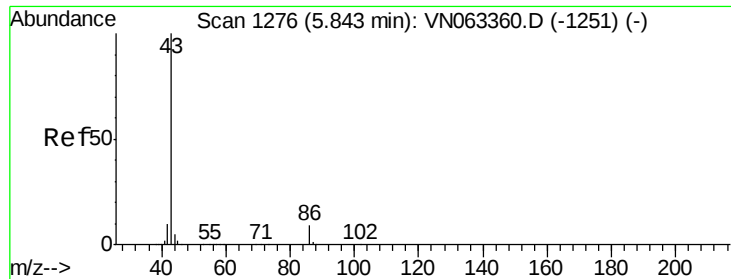


#22

Diisopropyl ether
Concen: 17.749 ug/l
RT: 5.90 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VN063451.D
Acq: 18 Sep 2020 12:38

Tgt Ion	Ratio	Lower	Upper
45	100		
43	67.7	53.5	80.3
87	27.0	21.2	31.8
59	11.5	8.8	13.2





#23

Vinyl Acetate

Concen: 90.330 ug/l

RT: 5.84 min Scan# 1276

Delta R.T. -0.00 min

Lab File: VN063451.D

Acq: 18 Sep 2020 12:38

Instrument :

MSVOA_N

ClientSampleId :

VN0918WBSD01

Tot Ion: 43 Resp: 957313

Ion Ratio Lower Upper

43 100

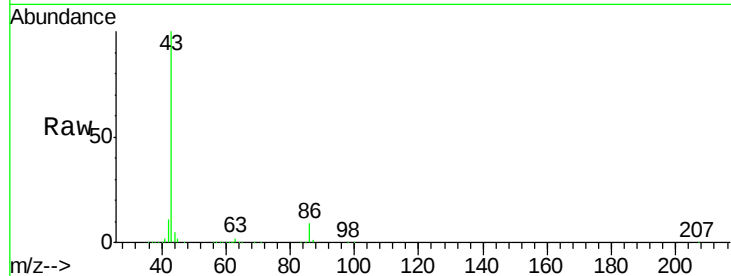
86 9.4 7.1 10.7

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.84

300000

250000

200000

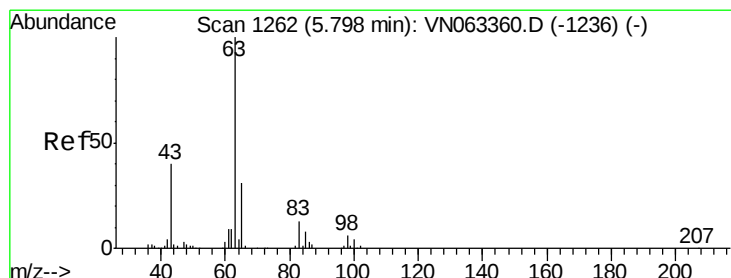
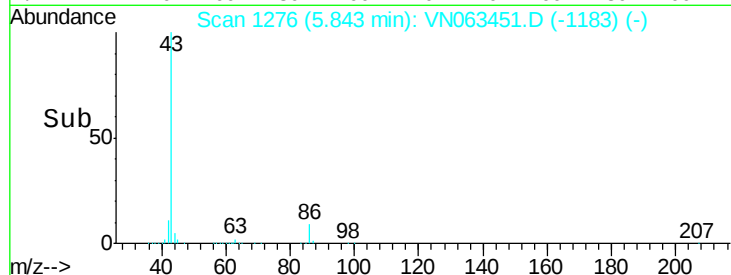
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 17.636 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. -0.00 min

Lab File: VN063451.D

Acq: 18 Sep 2020 12:38

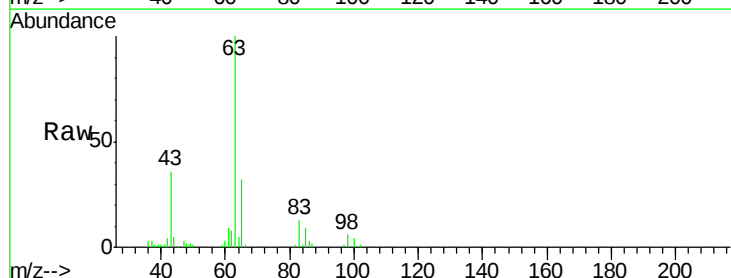
Tgt Ion: 63 Resp: 124250

Ion Ratio Lower Upper

63 100

98 6.2 2.9 8.8

100 4.1 2.1 6.3



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

5.80

50000

40000

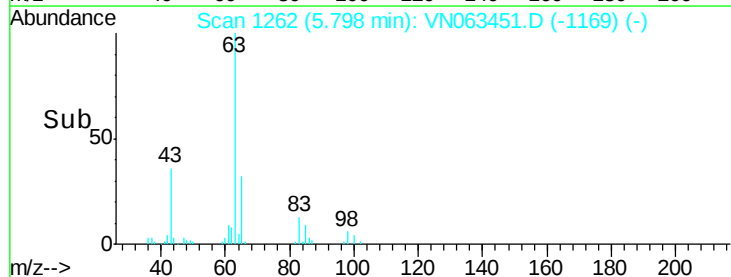
30000

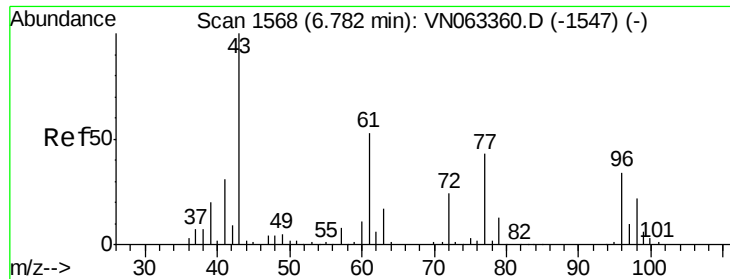
20000

10000

0

Time-->





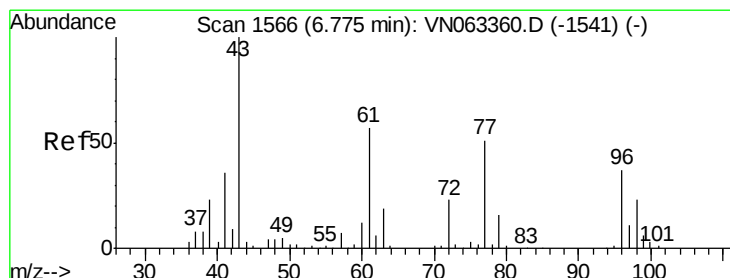
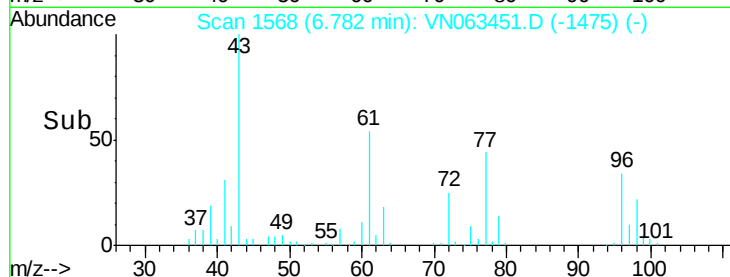
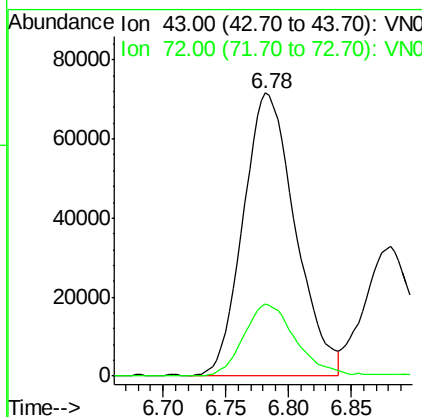
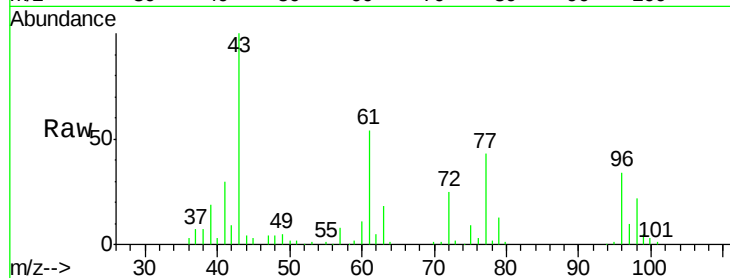
#25
2-Butanone
Concen: 86.300 ug/l
RT: 6.78 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VN063451.D
Acq: 18 Sep 2020 12:38

Instrument :
MSVOA_N
ClientSampleId :
VN0918WBSD01

Tot Ion: 43 Resp: 205827
Ion Ratio Lower Upper
43 100
72 25.5 19.2 28.8

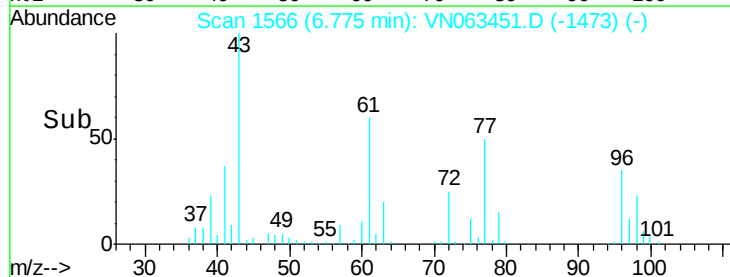
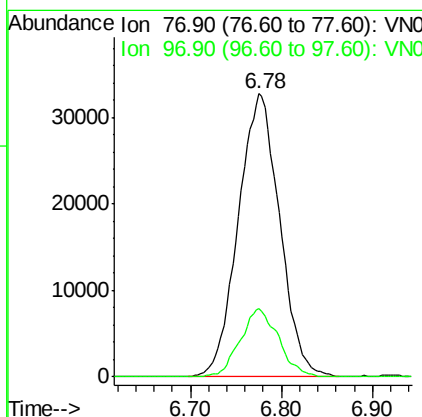
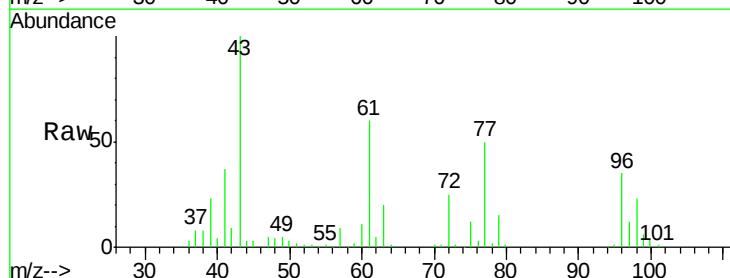
Manual Integrations
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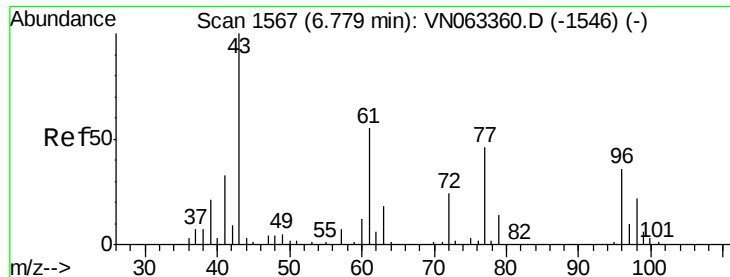
MMDadoda
9/21/2020 11:49:43 AM



#26
2,2-Dichloropropane
Concen: 16.665 ug/l
RT: 6.78 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VN063451.D
Acq: 18 Sep 2020 12:38

Tgt Ion: 77 Resp: 103373
Ion Ratio Lower Upper
77 100
97 22.3 10.5 31.6





#27

cis-1,2-Dichloroethene

Concen: 17.970 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN063451.D

Acq: 18 Sep 2020 12:38

Instrument :

MSVOA_N

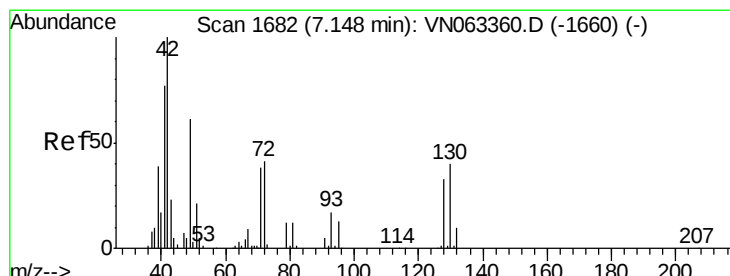
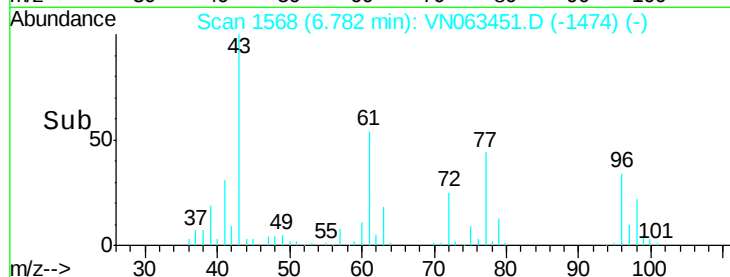
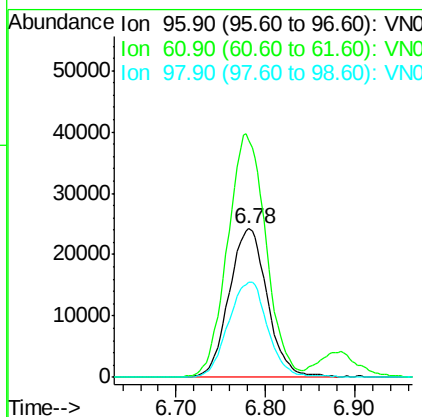
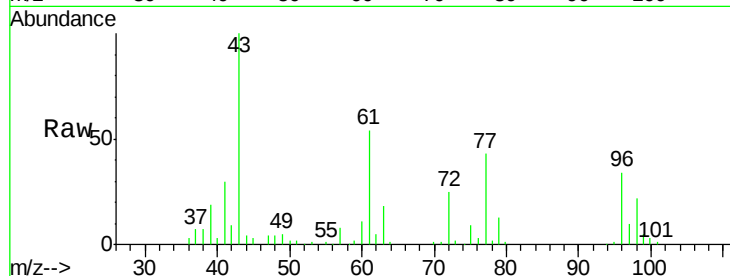
ClientSampleID :

VN0918WBSD01

Tot Ion:	96	Resp:	72085
Ion	Ratio	Lower	Upper
96	100		
61	164.2	0.0	319.6
98	65.4	0.0	127.8

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#28

Bromochloromethane

Concen: 18.612 ug/l

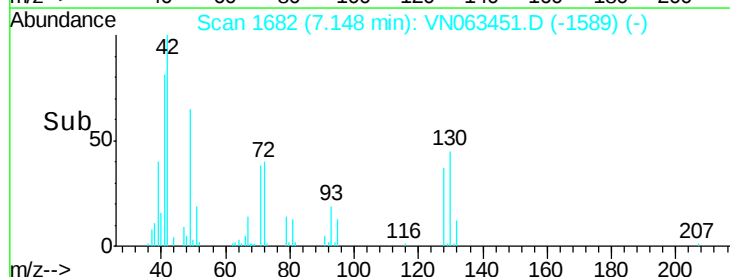
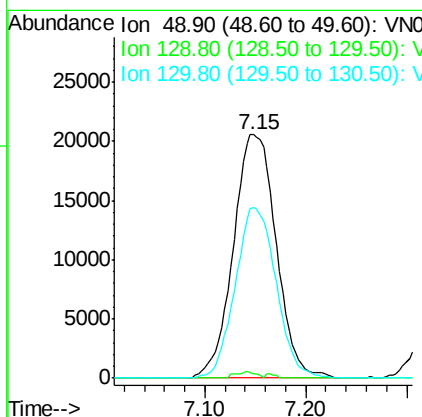
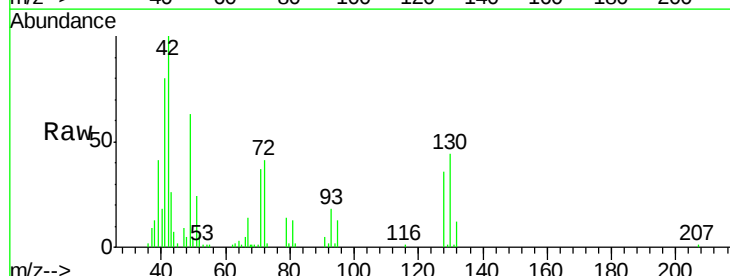
RT: 7.15 min Scan# 1682

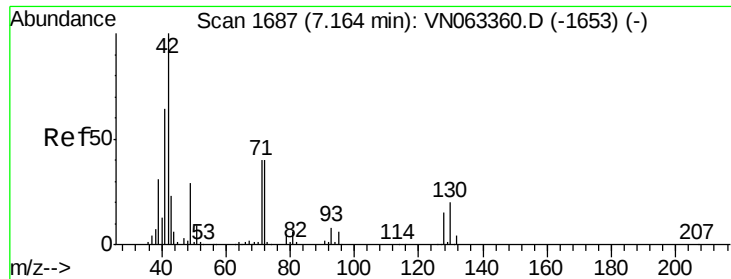
Delta R.T. -0.00 min

Lab File: VN063451.D

Acq: 18 Sep 2020 12:38

Tgt Ion:	49	Resp:	60543
Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	3.8
130	66.9	52.2	78.2





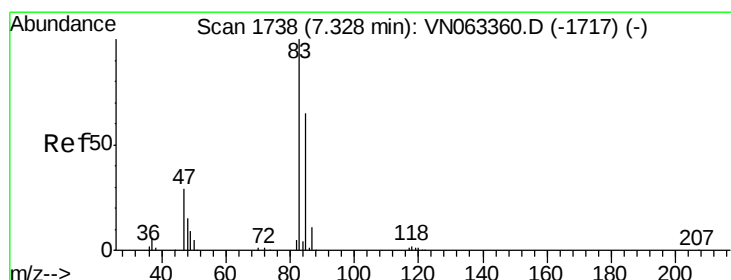
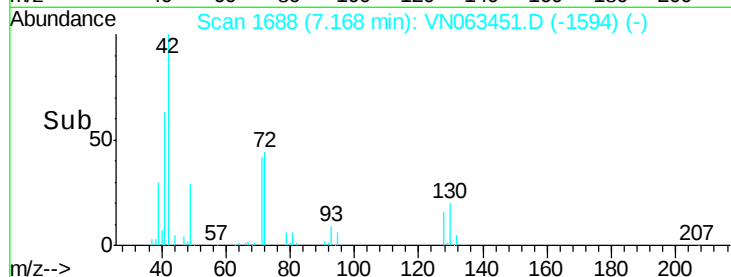
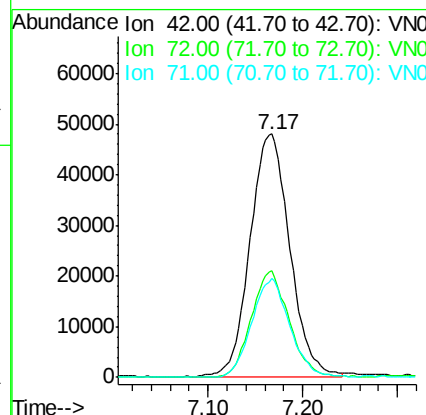
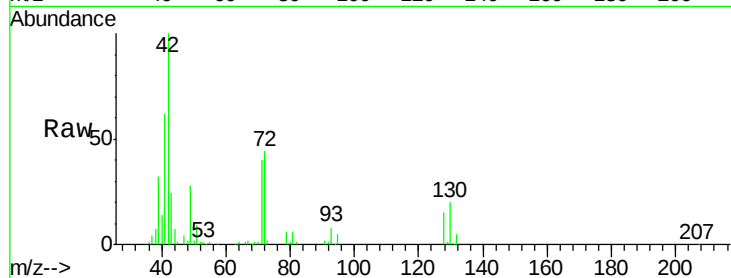
#29
Tetrahydrofuran
Concen: 85.497 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VN063451.D
Acq: 18 Sep 2020 12:38

Instrument :
MSVOA_N
ClientSampleId :
VN0918WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.1	32.1	48.1
71	39.3	31.2	46.8

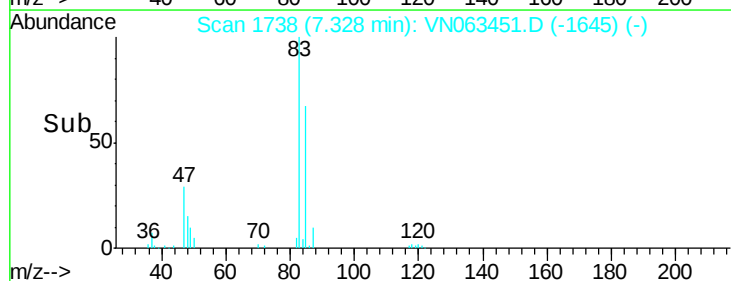
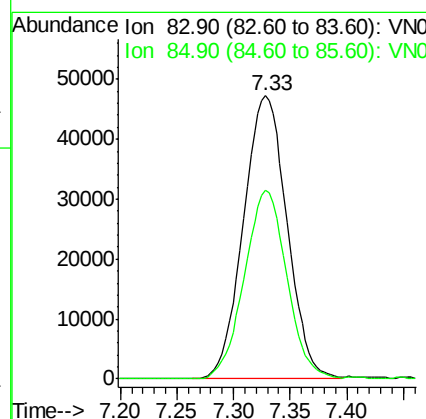
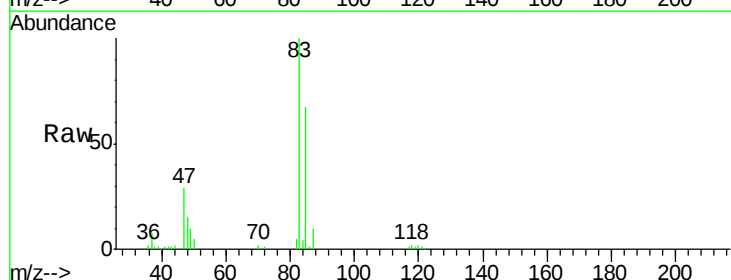
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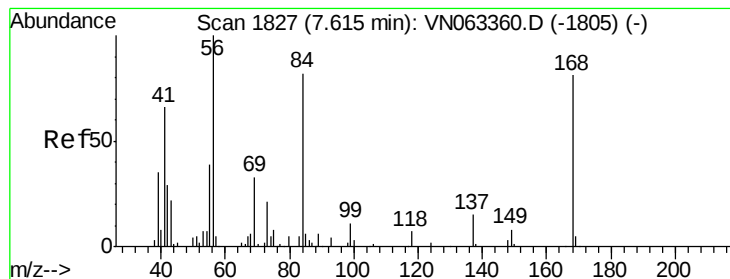
MMDadoda
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#30
Chloroform
Concen: 17.937 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VN063451.D
Acq: 18 Sep 2020 12:38

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.7	52.1	78.1





#31

Cyclohexane

Concen: 16.884 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VN063451.D

Acq: 18 Sep 2020 12:38

Instrument :

MSVOA_N

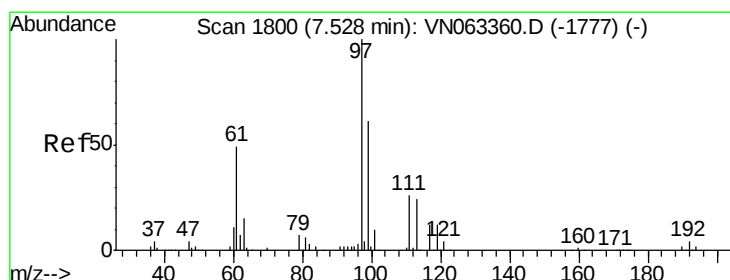
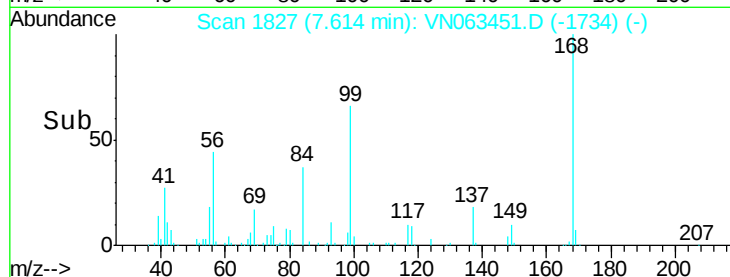
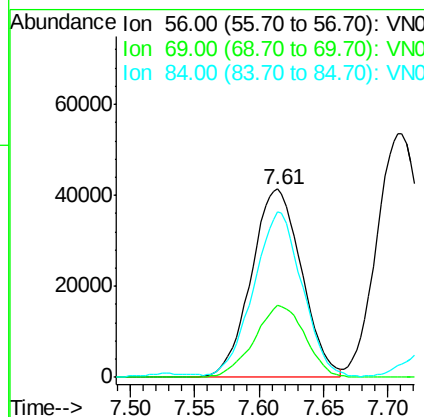
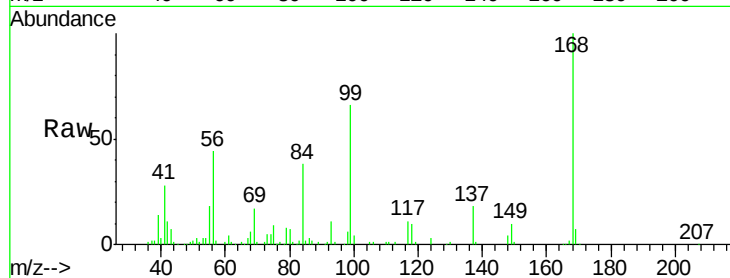
ClientSampled :

VN0918WBSD01

Tot Ion:	56	Resp:	112517
Ion Ratio	Lower	Upper	
56	100		
69	38.3	26.1	39.1
84	86.5	65.4	98.2

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#32

1,1,1-Trichloroethane

Concen: 17.560 ug/l

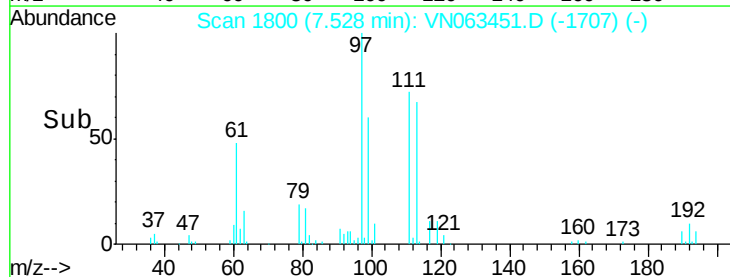
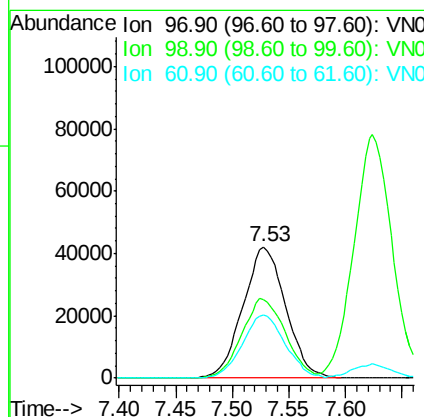
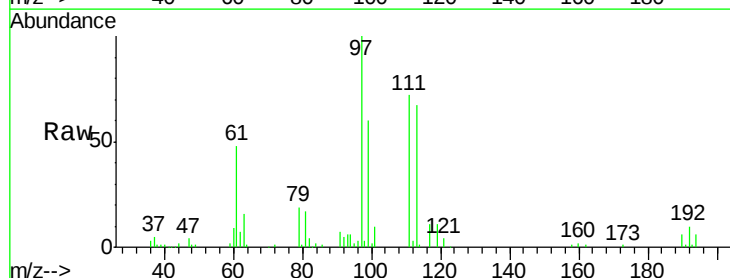
RT: 7.53 min Scan# 1800

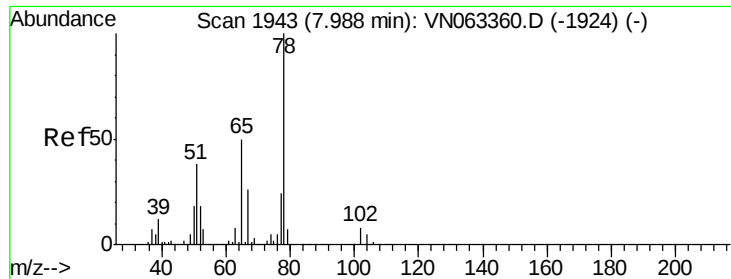
Delta R.T. -0.00 min

Lab File: VN063451.D

Acq: 18 Sep 2020 12:38

Tgt Ion:	97	Resp:	110398
Ion Ratio	Lower	Upper	
97	100		
99	62.0	50.6	76.0
61	48.4	39.2	58.8





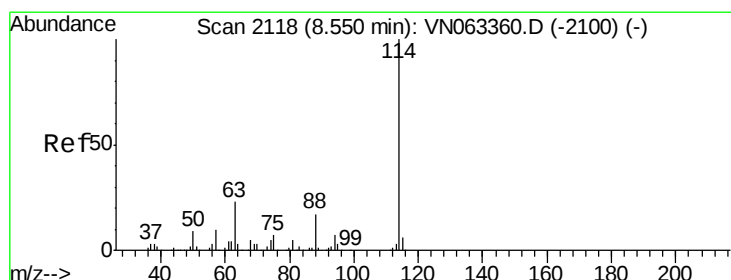
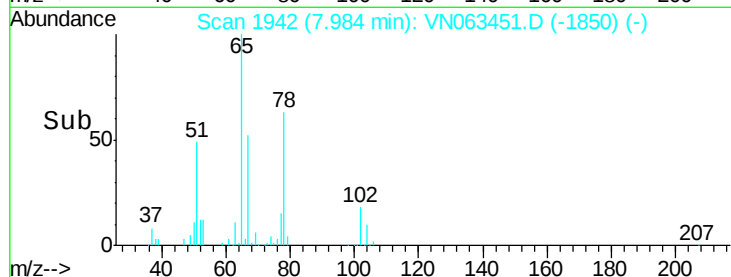
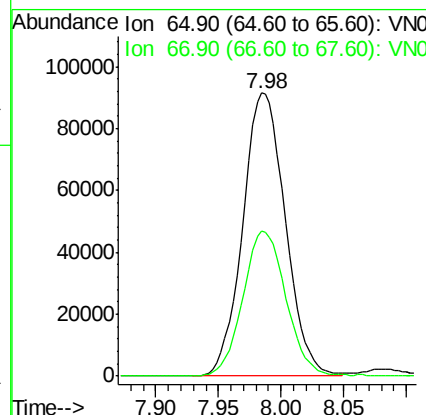
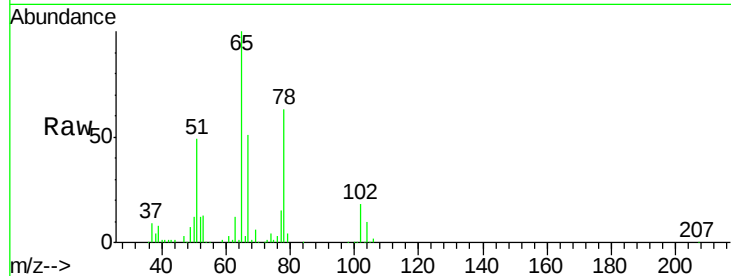
#33
 1,2-Dichloroethane-d4
 Concen: 44.699 ug/l
 RT: 7.98 min Scan# 1942
 Delta R.T. -0.00 min
 Lab File: VN063451.D
 Acq: 18 Sep 2020 12:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0918WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	215683		
67	51.7	0.0	104.2	

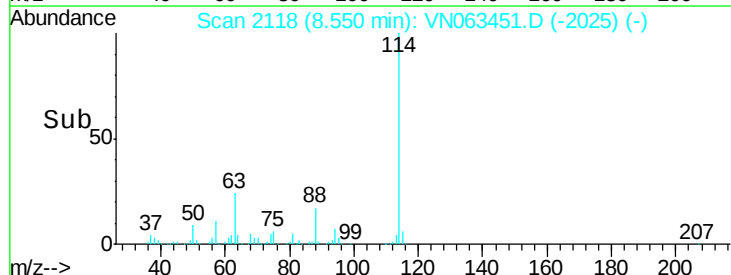
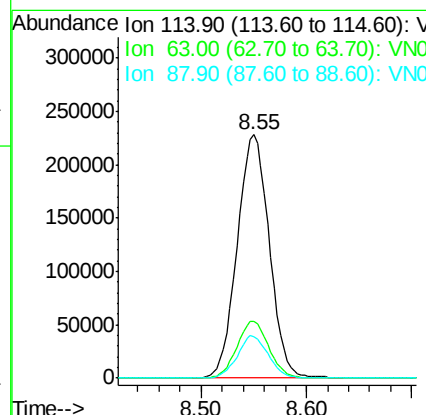
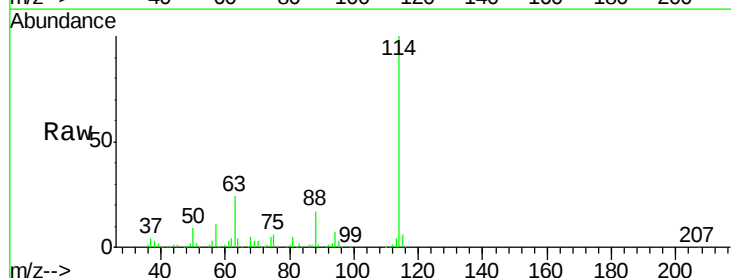
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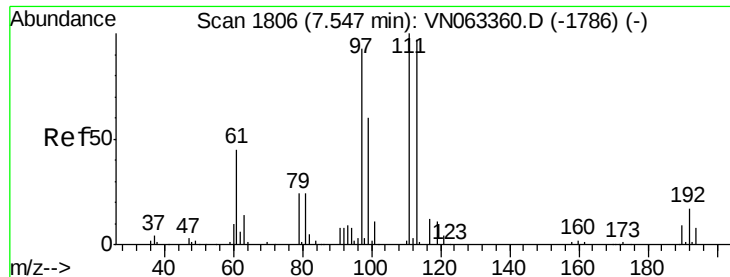
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063451.D
 Acq: 18 Sep 2020 12:38

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	482451		
63	23.5	0.0	46.4	
88	17.0	0.0	33.2	





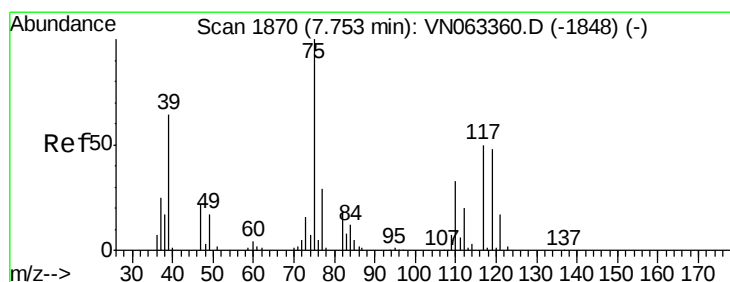
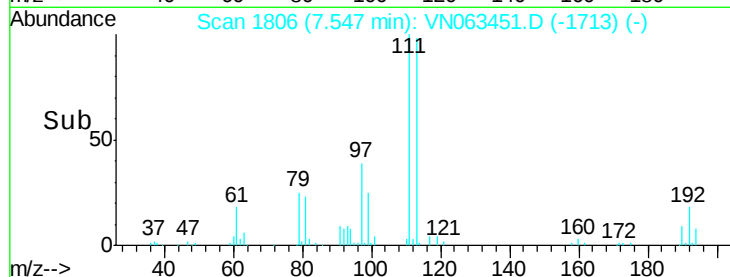
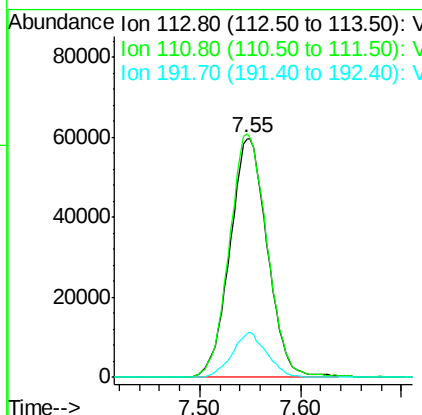
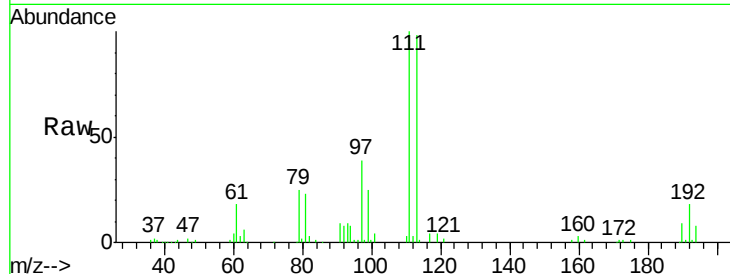
#35
 Dibromofluoromethane
 Concen: 45.936 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN063451.D
 Acq: 18 Sep 2020 12:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0918WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	102.7	82.9	124.3	
192	17.4	13.9	20.9	

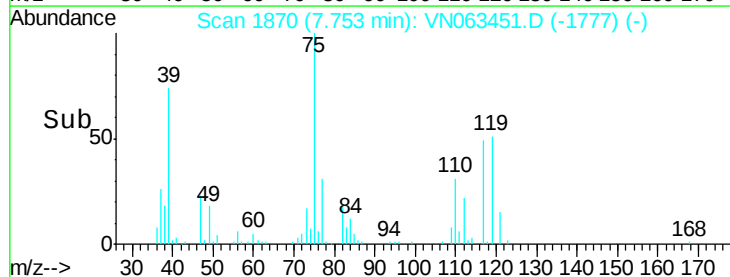
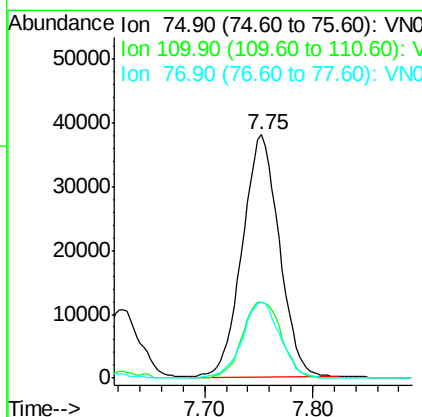
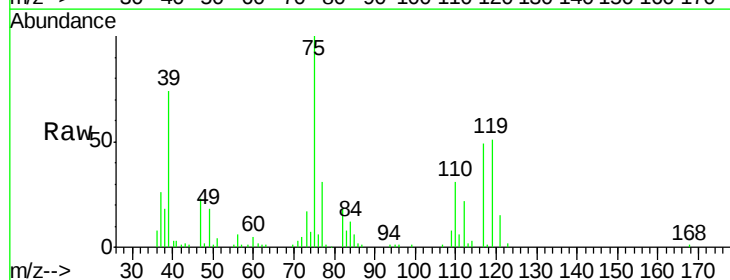
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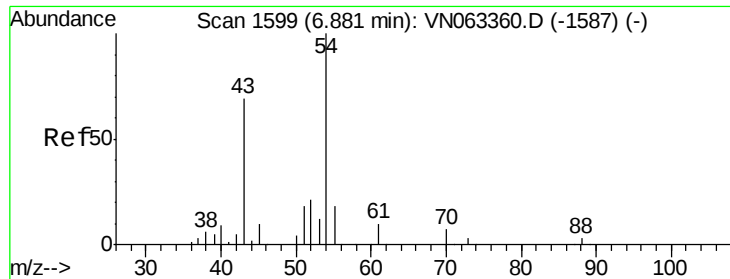
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#36
 1,1-Dichloropropene
 Concen: 17.656 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: VN063451.D
 Acq: 18 Sep 2020 12:38

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	33.1	16.5	49.5	
77	32.1	24.6	36.8	





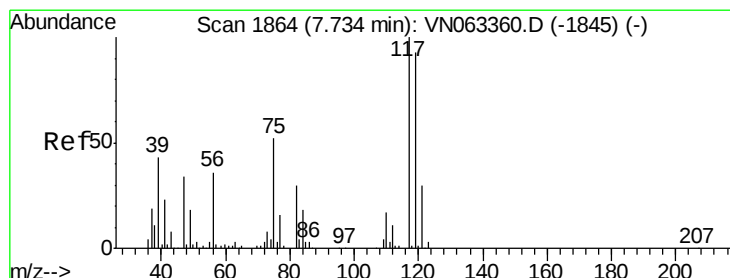
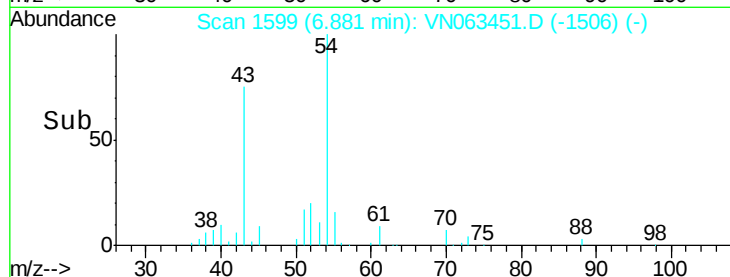
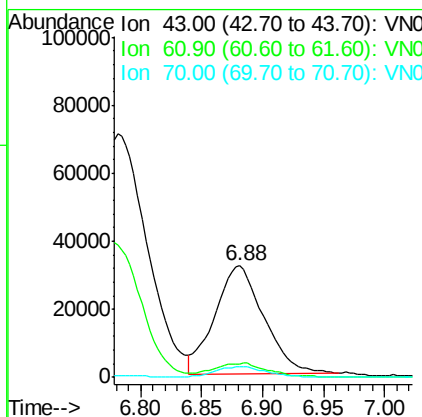
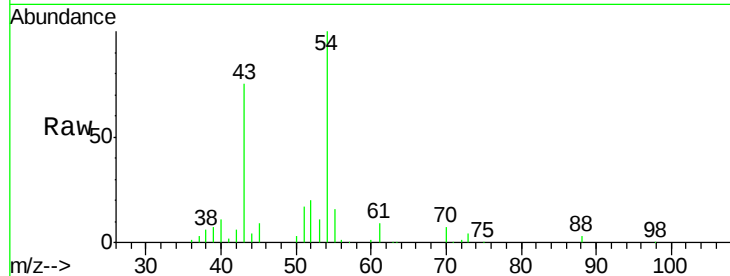
#37
Ethyl Acetate
Concen: 17.709 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VN063451.D
Acq: 18 Sep 2020 12:38

Instrument :
MSVOA_N
ClientSampleID :
VN0918WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.6	10.6	15.8
70	10.8	7.2	10.8

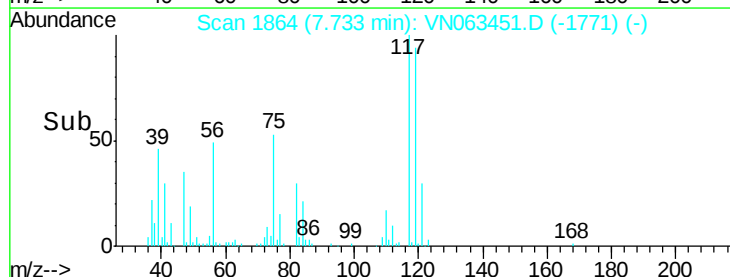
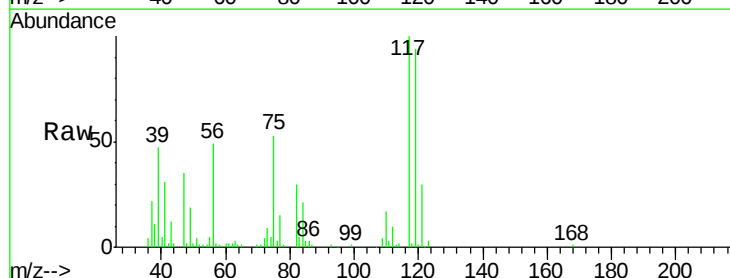
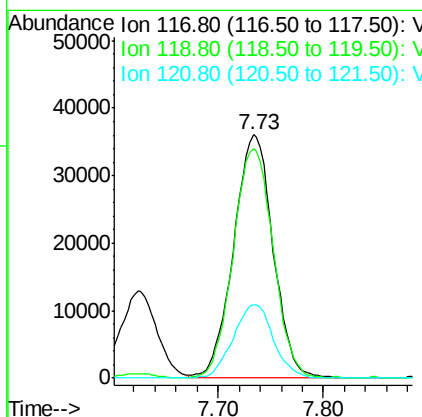
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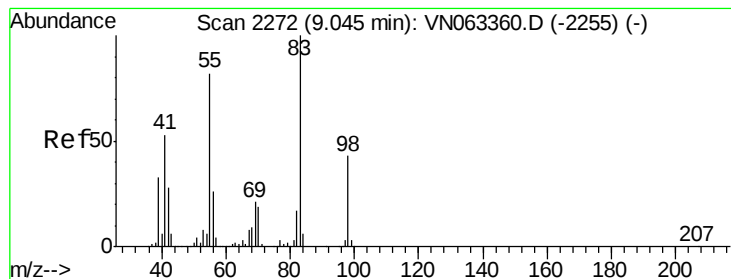
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#38
Carbon Tetrachloride
Concen: 17.929 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN063451.D
Acq: 18 Sep 2020 12:38

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.2	74.5	111.7
121	30.2	24.1	36.1





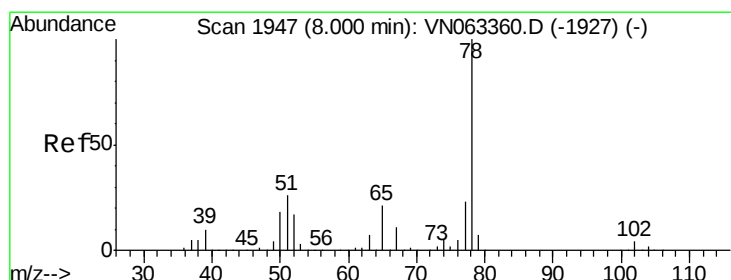
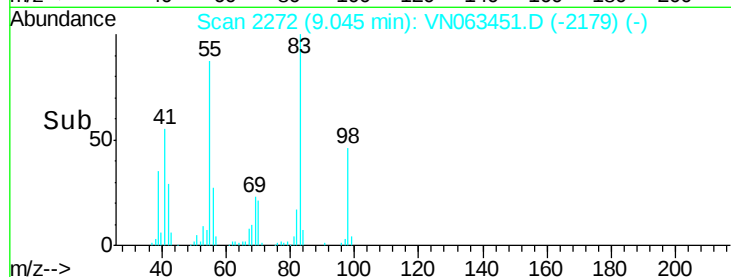
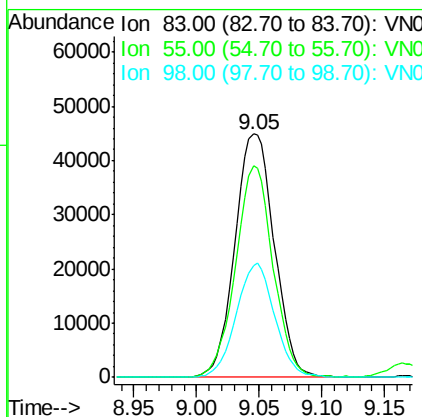
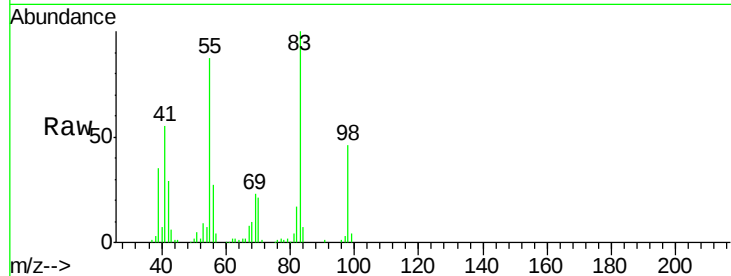
#39
Methvlcvclohexane
Concen: 17.549 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN063451.D
Acq: 18 Sep 2020 12:38

Instrument :
MSVOA_N
ClientSampleId :
VN0918WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	86.9	65.5	98.3
98	46.0	34.2	51.4

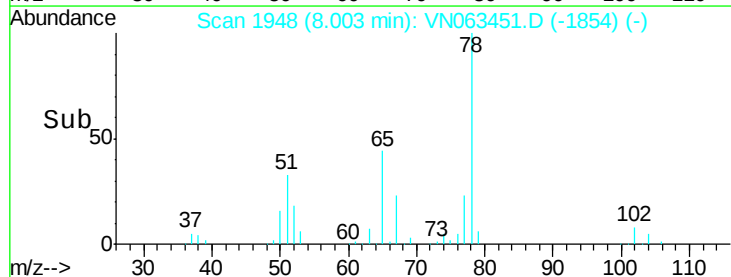
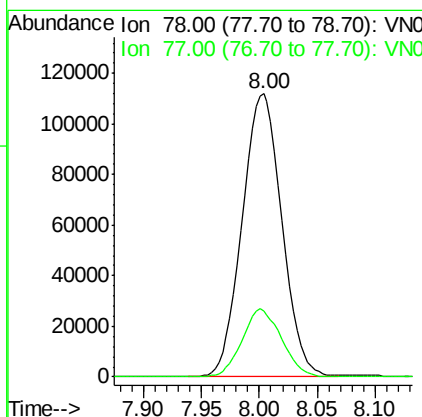
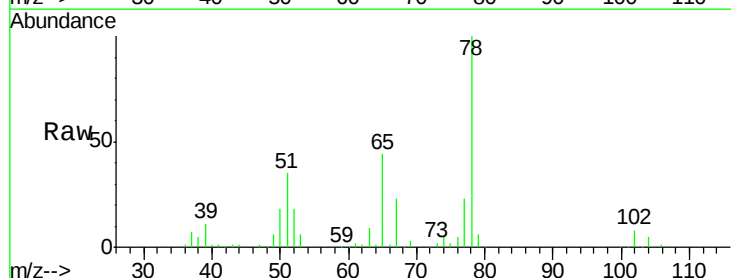
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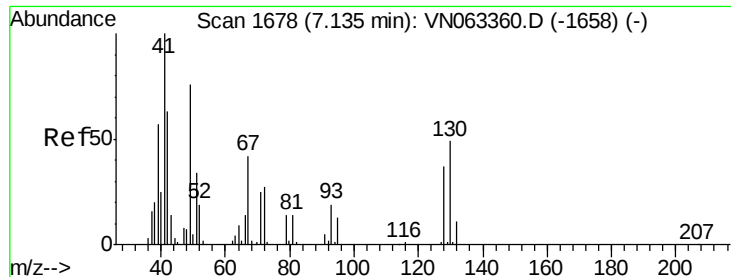
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#40
Benzene
Concen: 18.236 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063451.D
Acq: 18 Sep 2020 12:38

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.3	27.5





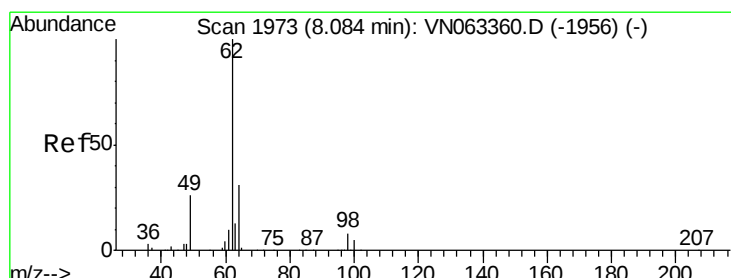
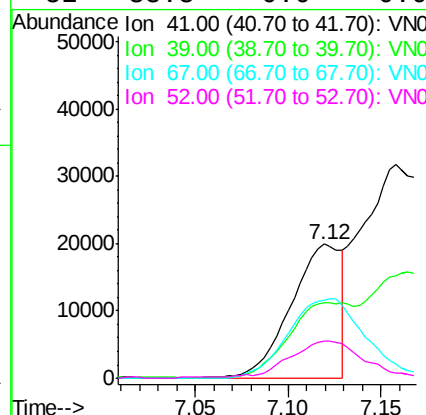
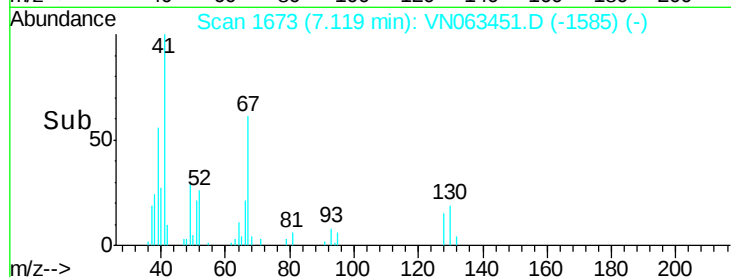
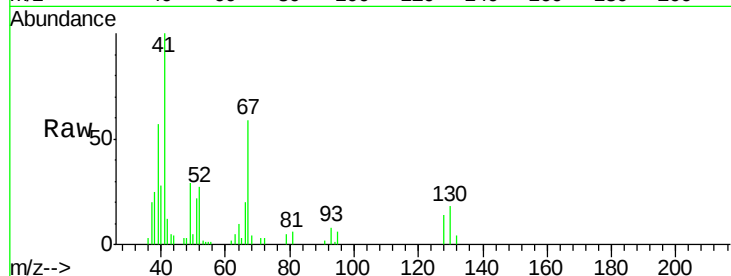
#41
Methacrylonitrile
Concen: 16.665 ug/l
RT: 7.12 min Scan# 1673
Delta R.T. -0.02 min
Lab File: VN063451.D
Acq: 18 Sep 2020 12:38

Instrument :
MSVOA_N
ClientSampleId :
VN0918WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
41	100			
39	71.1	0.0	0.0	#
67	92.4	0.0	0.0	#
52	38.8	0.0	0.0	#

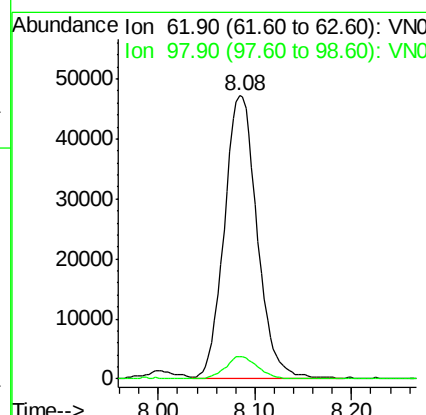
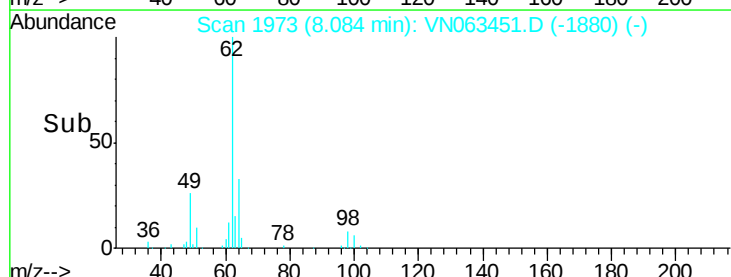
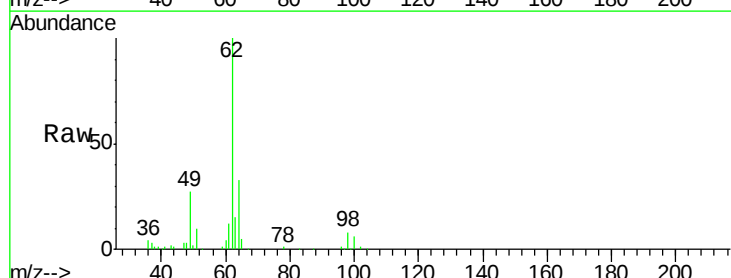
Manual Integrations
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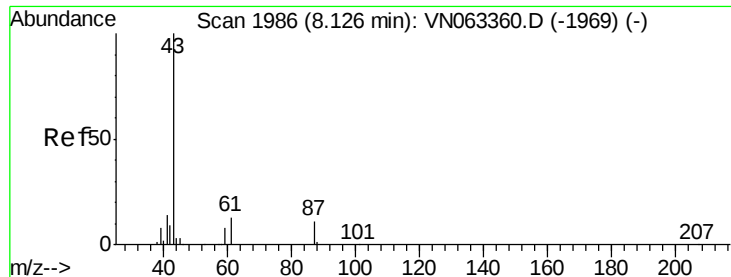
MMDadoda
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#42
1,2-Dichloroethane
Concen: 18.902 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN063451.D
Acq: 18 Sep 2020 12:38

Tgt Ion	Ratio	Resp	Lower	Upper
62	100			
98	7.6	0.0	15.6	





#43

Isopropyl Acetate

Concen: 17.345 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN063451.D

Acq: 18 Sep 2020 12:38

Instrument :

MSVOA_N

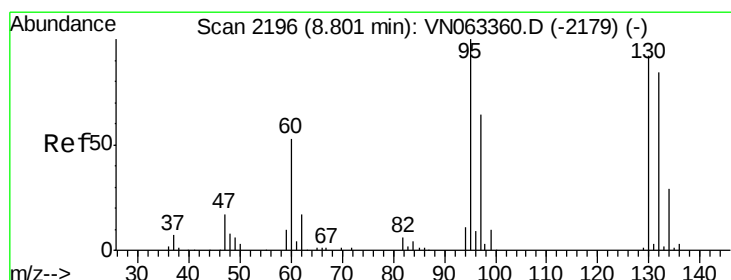
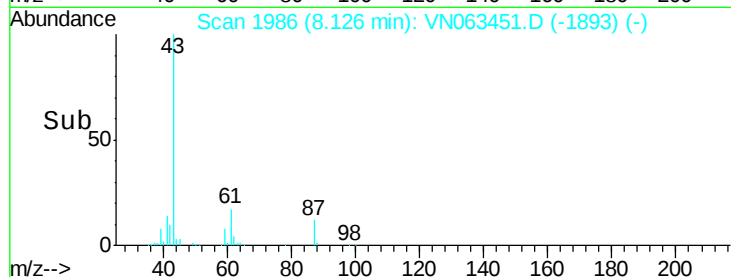
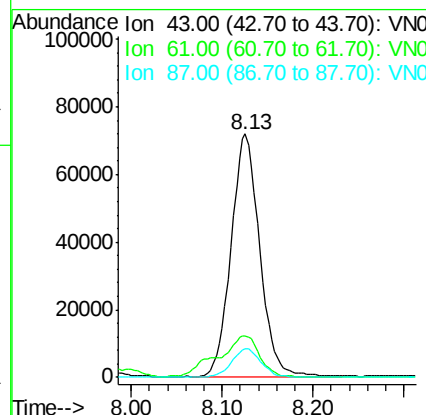
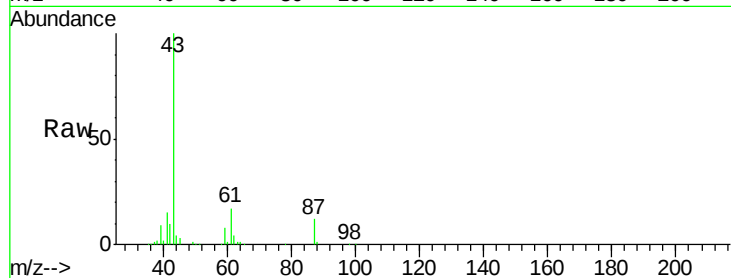
ClientSampleId :

VN0918WBSD01

Tot Ion:	43	Resp:	156457
Ion	Ratio	Lower	Upper
43	100		
61	17.3	14.2	21.2
87	12.1	9.0	13.6

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#44

Trichloroethene

Concen: 19.102 ug/l

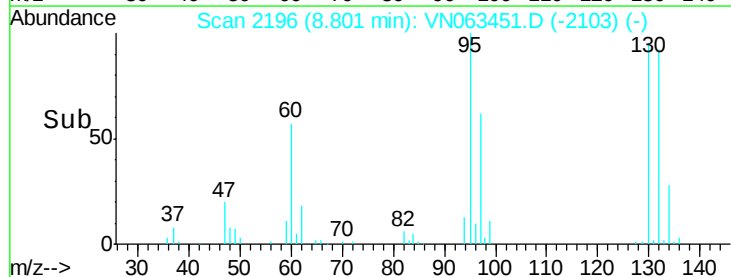
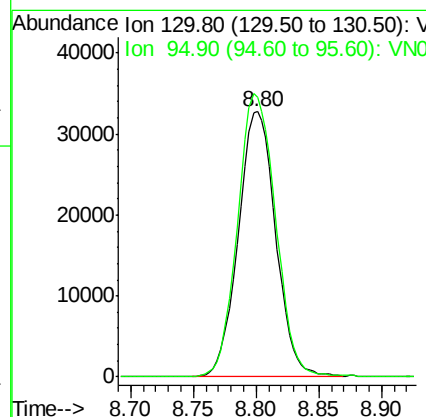
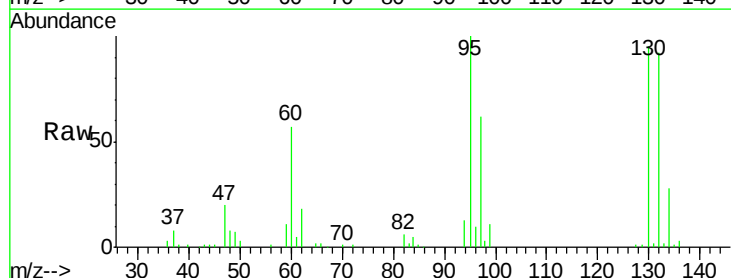
RT: 8.80 min Scan# 2196

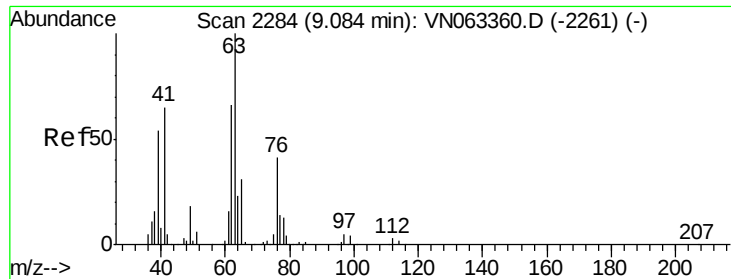
Delta R.T. -0.00 min

Lab File: VN063451.D

Acq: 18 Sep 2020 12:38

Tgt Ion:	130	Resp:	67979
Ion	Ratio	Lower	Upper
130	100		
95	105.6	0.0	217.4





#45

1,2-Dichloropropane

Concen: 18.844 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN063451.D

Acq: 18 Sep 2020 12:38

Instrument :

MSVOA_N

ClientSampleId :

VN0918WBSD01

Tot Ion: 63 Resp: 75301

Ion Ratio Lower Upper

63 100

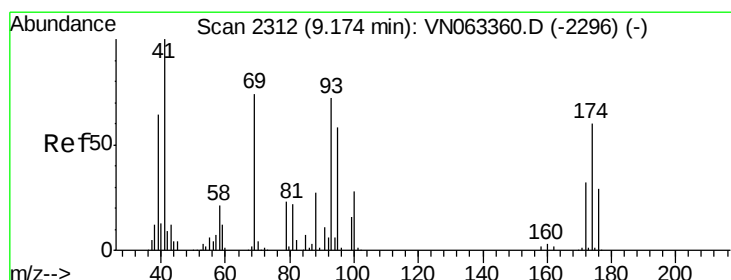
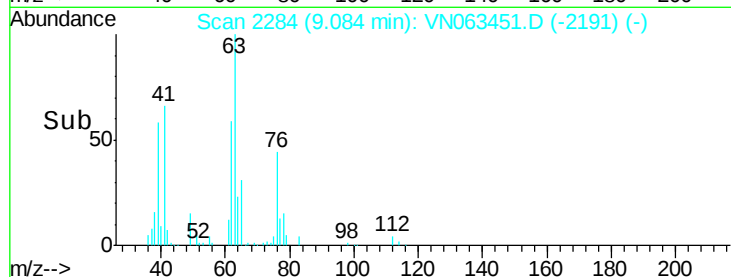
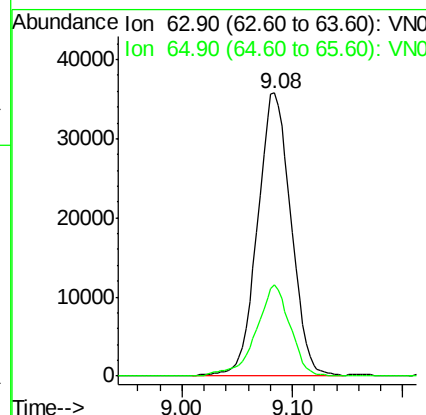
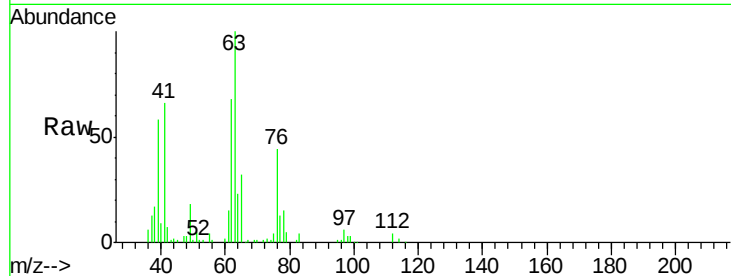
65 32.1 25.0 37.6

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#46

Dibromomethane

Concen: 18.960 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN063451.D

Acq: 18 Sep 2020 12:38

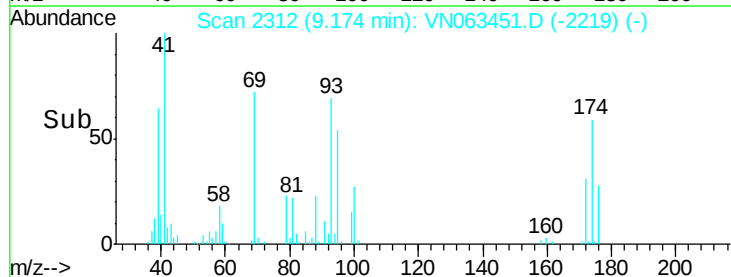
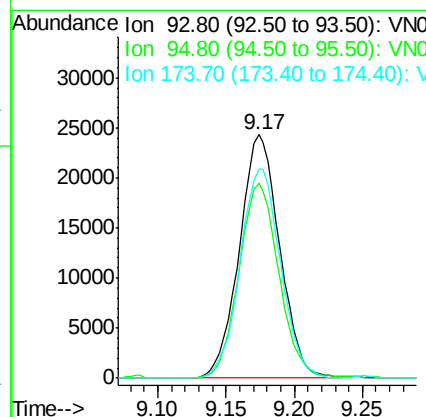
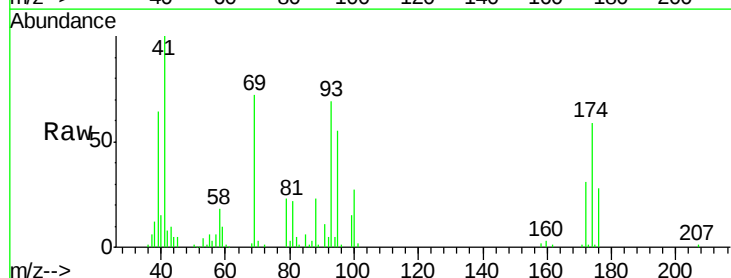
Tgt Ion: 93 Resp: 49799

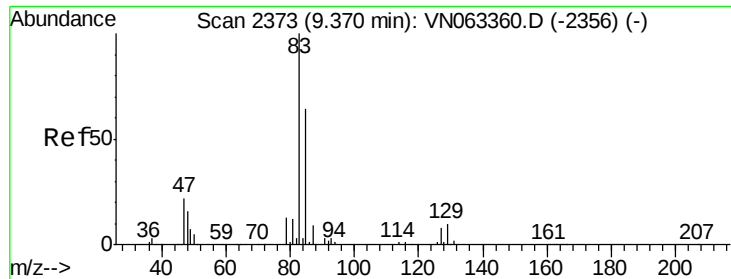
Ion Ratio Lower Upper

93 100

95 79.3 65.6 98.4

174 86.6 68.1 102.1





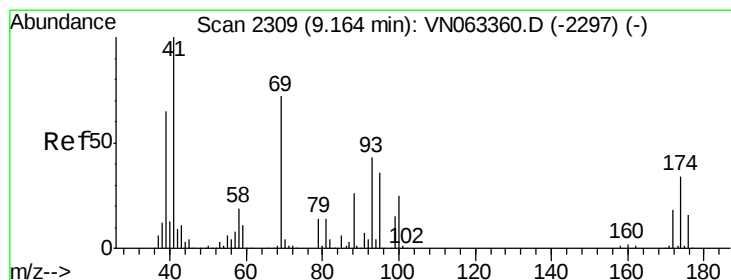
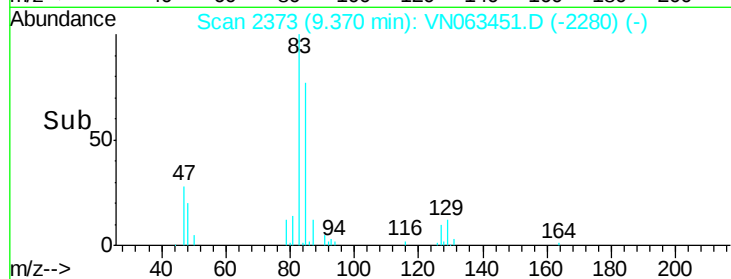
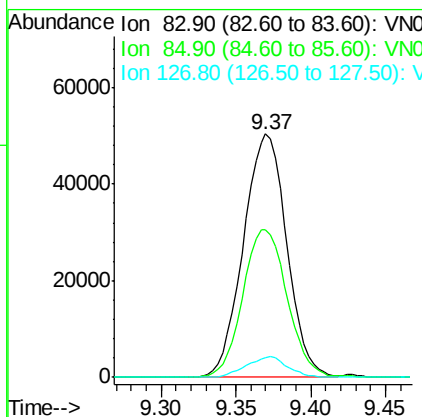
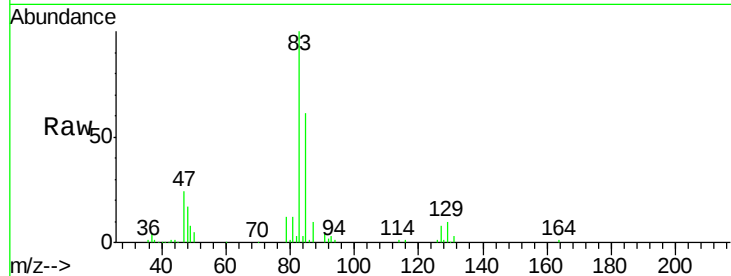
#47
Bromodichloromethane
Concen: 18.627 ug/l
RT: 9.37 min Scan# 2373
Delta R.T. -0.00 min
Lab File: VN063451.D
Acq: 18 Sep 2020 12:38

Instrument :
MSVOA_N
ClientSampleId :
VN0918WBSD01

Tot Ion	83	Resp	101639
Ion Ratio	100		
85	60.8	51.0	76.6
127	8.2	6.3	9.5

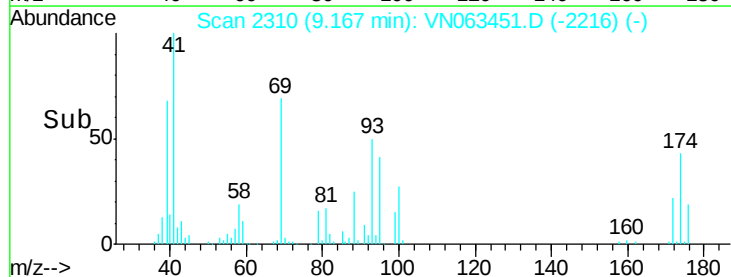
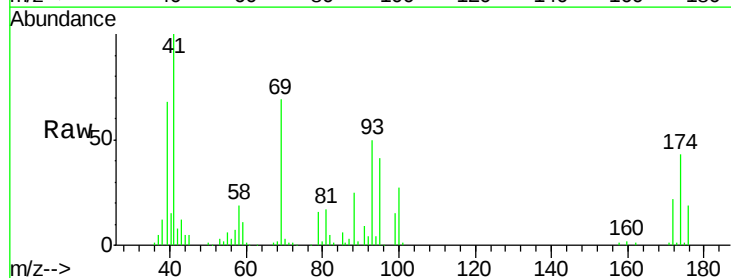
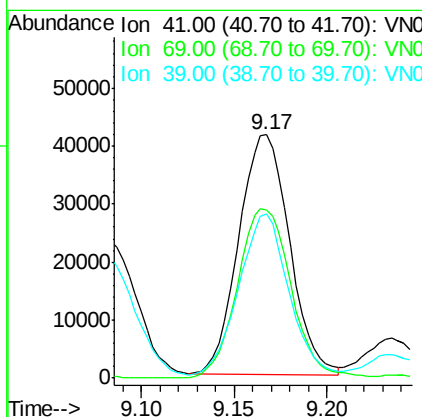
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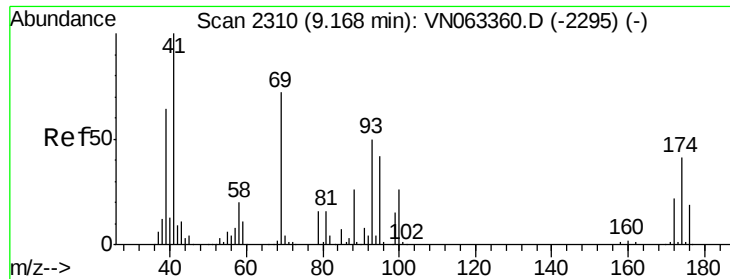
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#48
Methyl methacrylate
Concen: 17.669 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN063451.D
Acq: 18 Sep 2020 12:38

Tgt Ion	41	Resp	78302
Ion Ratio	100		
69	75.0	59.3	88.9
39	68.1	52.9	79.3





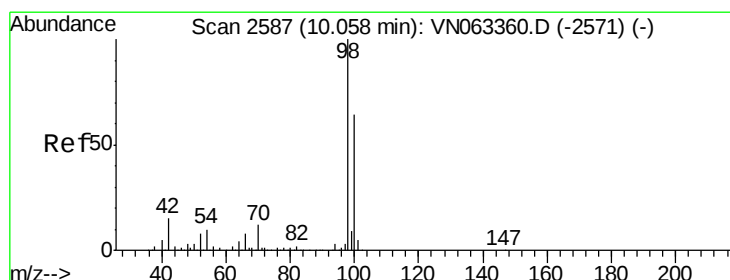
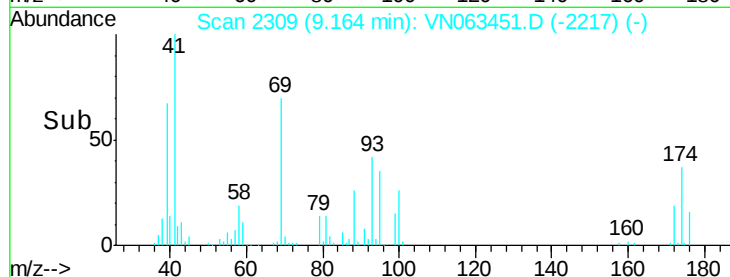
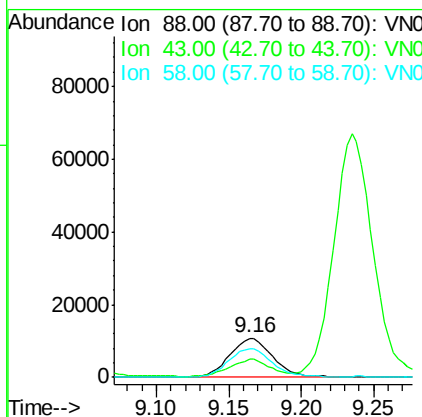
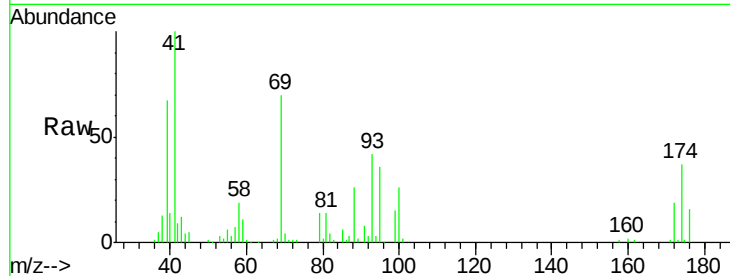
#49
1,4-Dioxane
Concen: 347.045 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN063451.D
Acq: 18 Sep 2020 12:38

Instrument :
MSVOA_N
ClientSampleId :
VN0918WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	41.1	32.6	49.0
58	75.4	60.0	90.0

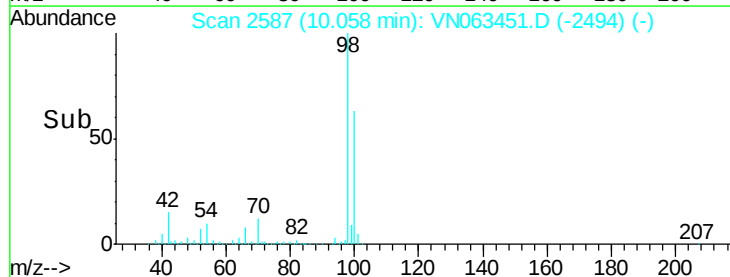
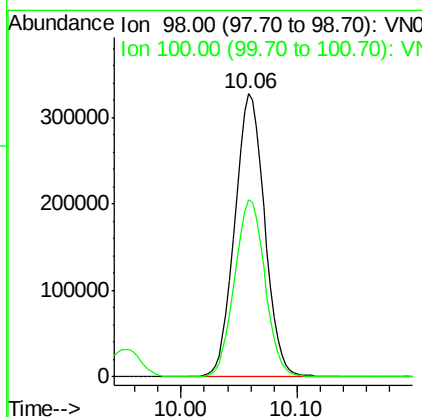
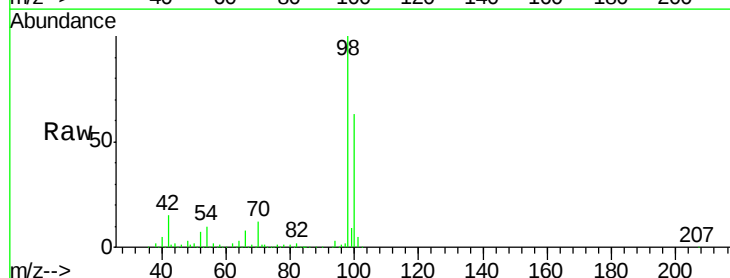
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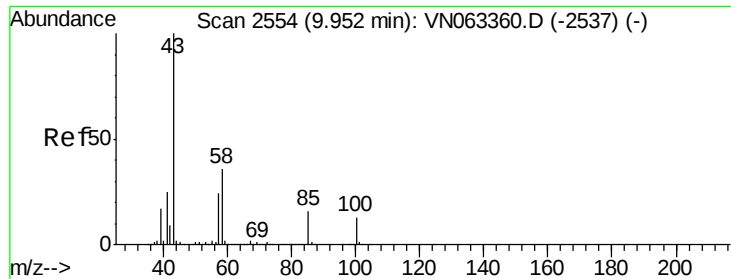
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#50
Toluene-d8
Concen: 46.576 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN063451.D
Acq: 18 Sep 2020 12:38

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.3	50.7	76.1





#51

4-Methyl-2-Pentanone

Concen: 92.513 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN063451.D

Acq: 18 Sep 2020 12:38

Instrument :

MSVOA_N

ClientSampleId :

VN0918WBSD01

Tot Ion: 43 Resp: 467173

Ion Ratio Lower Upper

43 100

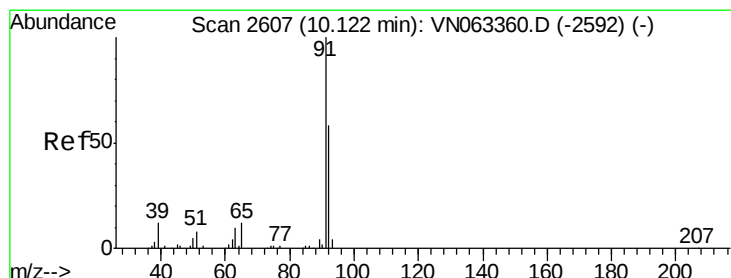
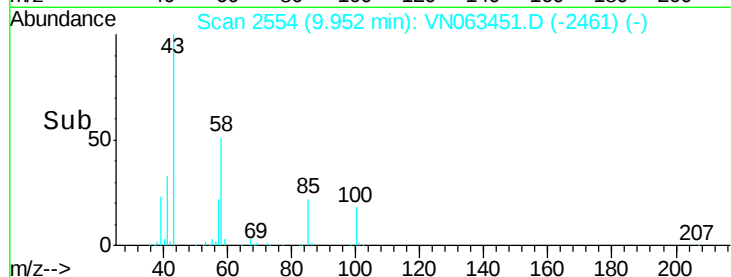
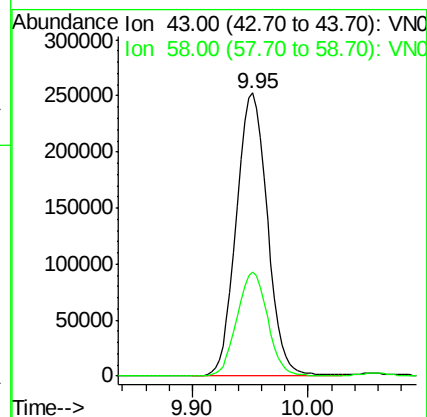
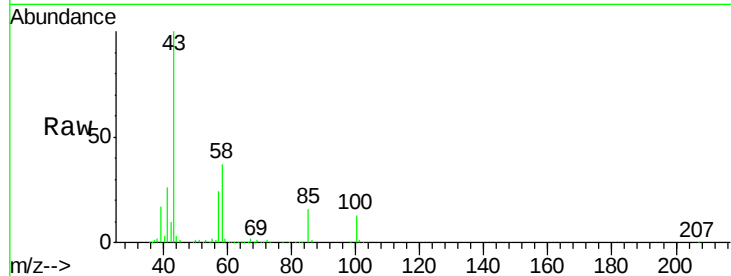
58 36.2 29.0 43.6

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#52

Toluene

Concen: 19.178 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063451.D

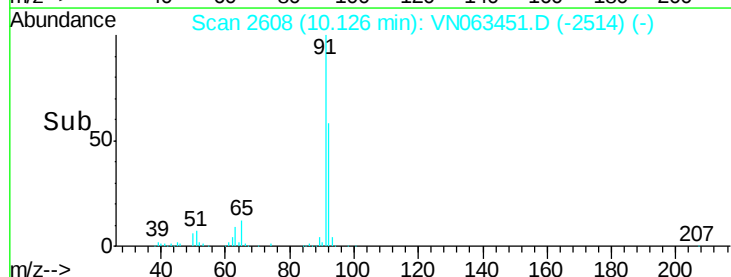
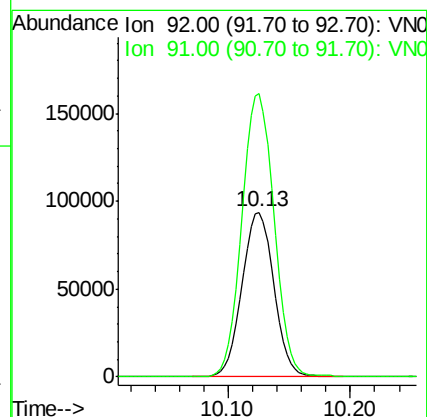
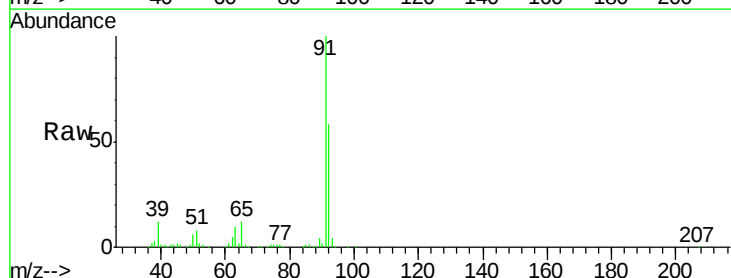
Acq: 18 Sep 2020 12:38

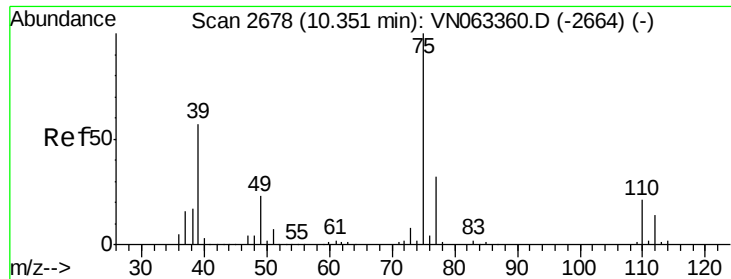
Tgt Ion: 92 Resp: 169179

Ion Ratio Lower Upper

92 100

91 173.5 139.7 209.5





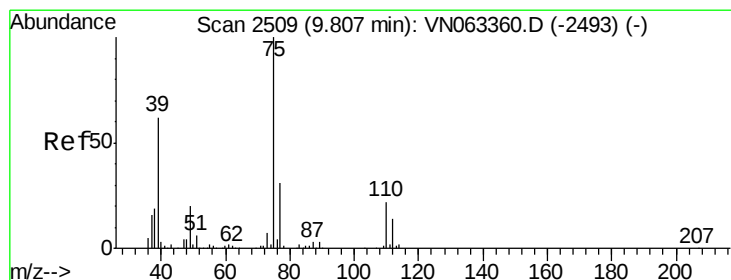
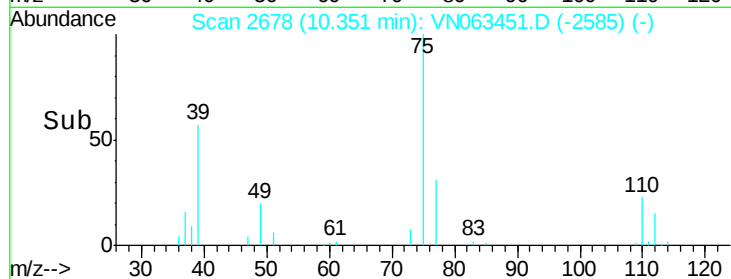
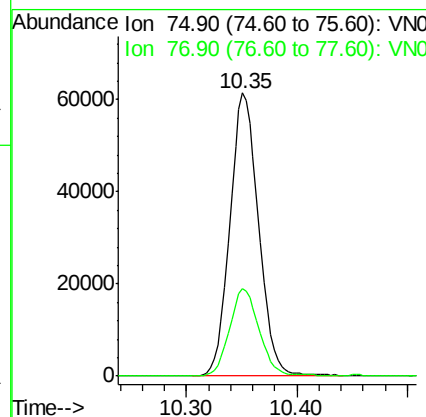
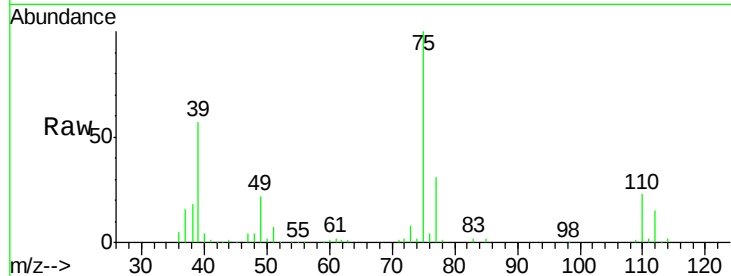
#53
 t-1,3-Dichloropropene
 Concen: 18.189 ug/l
 RT: 10.35 min Scan# 2678
 Delta R.T. -0.00 min
 Lab File: VN063451.D
 Acq: 18 Sep 2020 12:38

Instrument :
 MSVOA_N
 ClientSampled :
 VN0918WBSD01

Tot Ion: 75 Resp: 110795
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.4 38.2

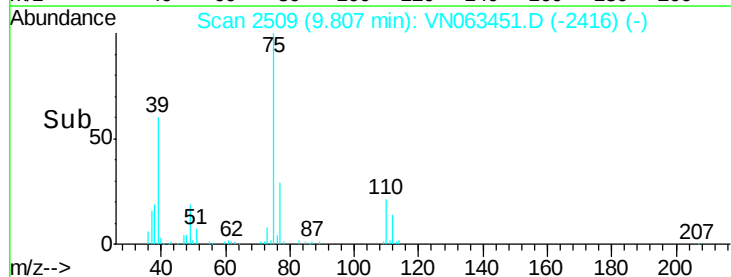
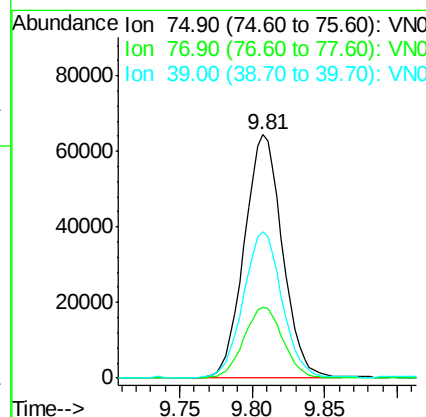
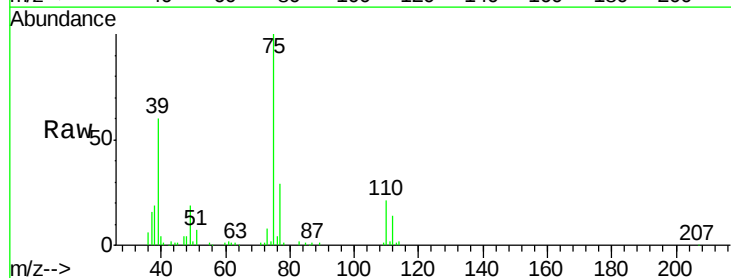
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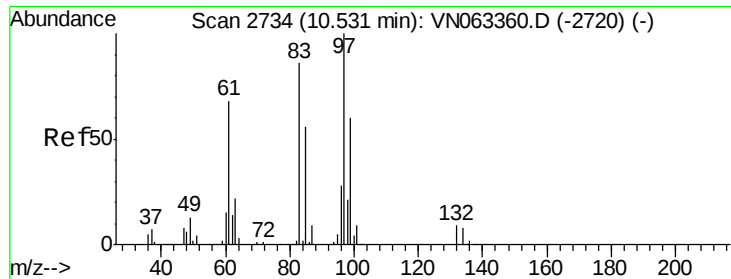
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#54
 cis-1,3-Dichloropropene
 Concen: 18.376 ug/l
 RT: 9.81 min Scan# 2509
 Delta R.T. -0.00 min
 Lab File: VN063451.D
 Acq: 18 Sep 2020 12:38

Tgt Ion: 75 Resp: 118068
 Ion Ratio Lower Upper
 75 100
 77 29.2 24.6 37.0
 39 60.2 49.8 74.8





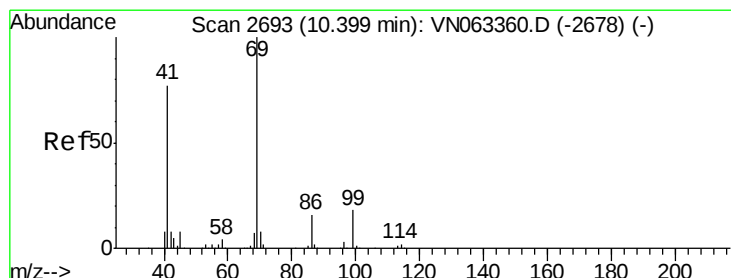
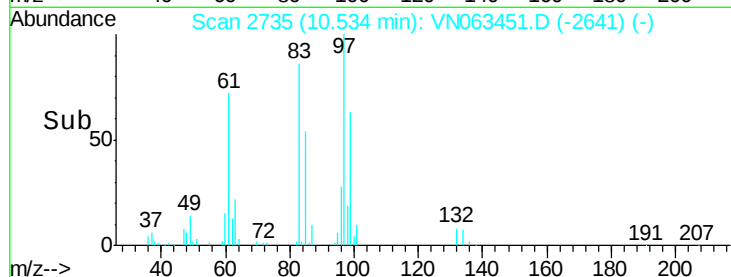
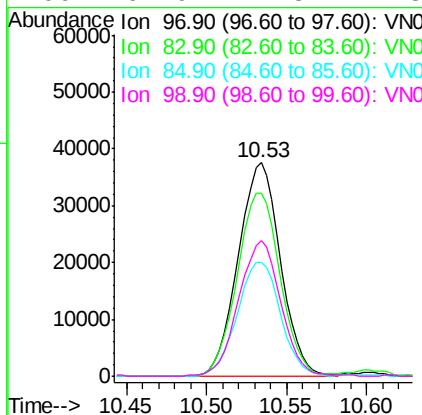
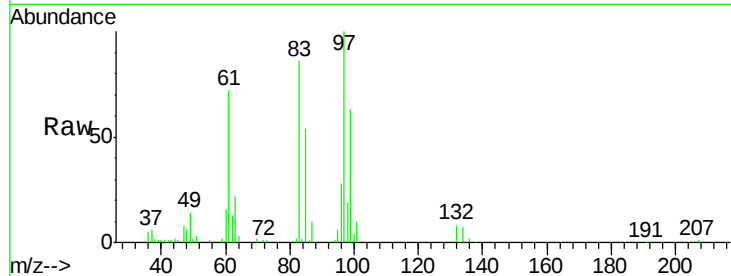
#55
 1,1,2-Trichloroethane
 Concen: 19.377 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN063451.D
 Acq: 18 Sep 2020 12:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0918WBSD01

Tot Ion:	97	Resp:	67897
Ion	Ratio	Lower	Upper
97	100		
83	85.9	68.9	103.3
85	53.5	44.8	67.2
99	62.9	47.8	71.8

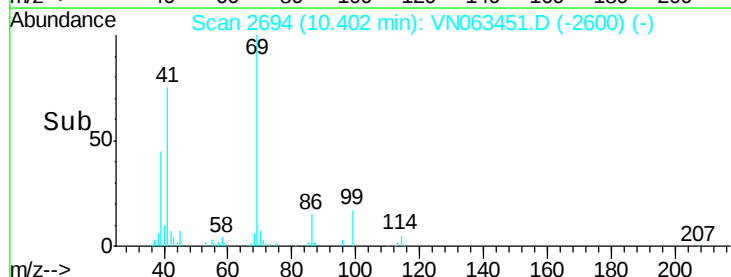
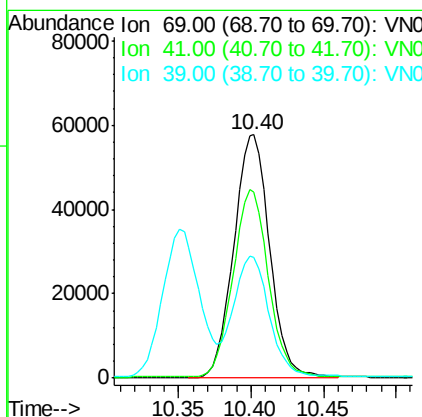
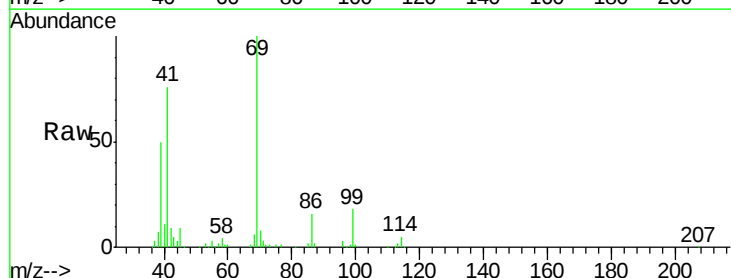
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#56
 Ethyl methacrylate
 Concen: 18.224 ug/l
 RT: 10.40 min Scan# 2694
 Delta R.T. 0.00 min
 Lab File: VN063451.D
 Acq: 18 Sep 2020 12:38

Tgt Ion:	69	Resp:	99686
Ion	Ratio	Lower	Upper
69	100		
41	75.4	61.0	91.6
39	48.6	39.2	58.8





#57

1,3-Dichloropropane

Concen: 18.316 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN063451.D

Acq: 18 Sep 2020 12:38

Instrument :

MSVOA_N

ClientSampled :

VN0918WBSD01

Tot Ion: 76 Resp: 115734

Ion Ratio Lower Upper

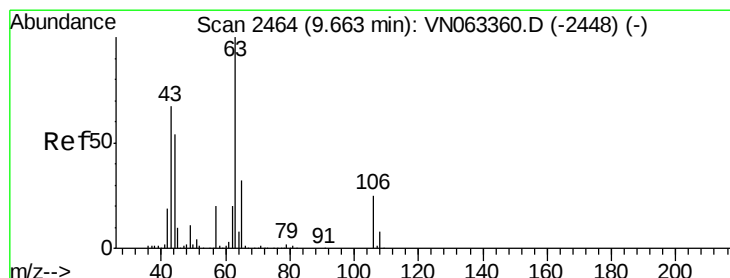
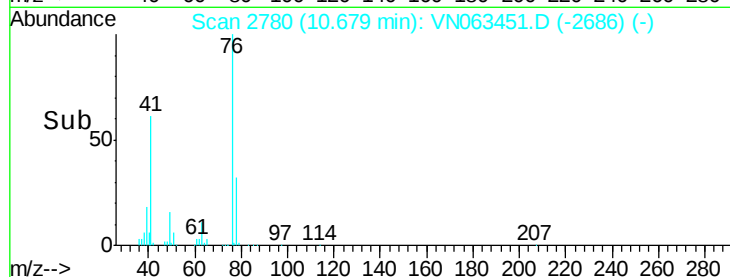
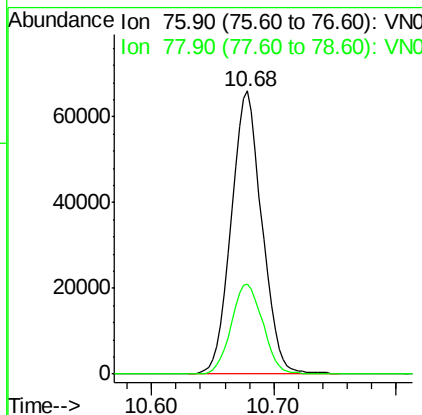
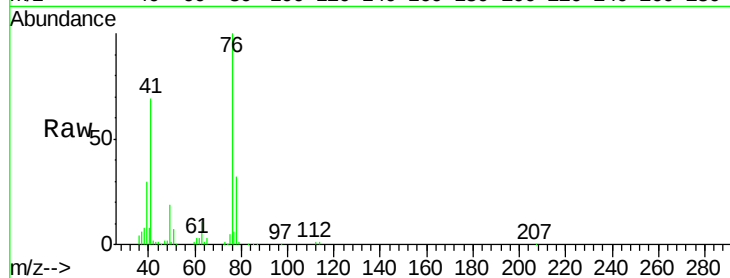
76 100

78 32.7 25.8 38.8

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#58

2-Chloroethyl Vinyl ether

Concen: 90.274 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. -0.00 min

Lab File: VN063451.D

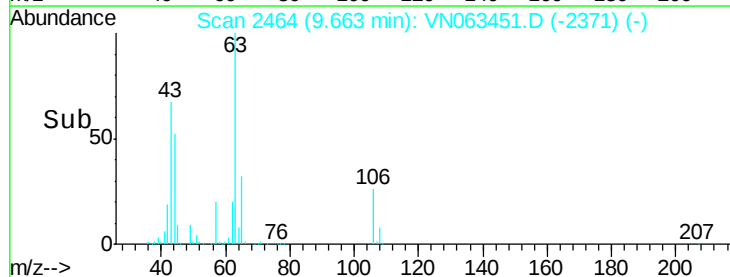
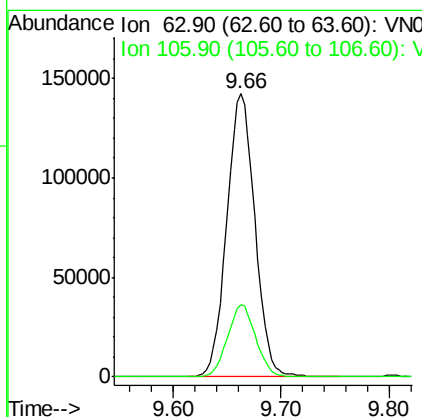
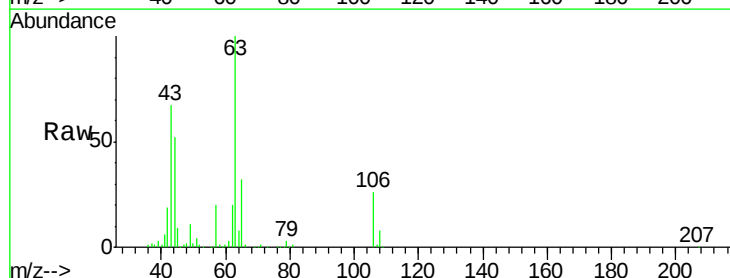
Acq: 18 Sep 2020 12:38

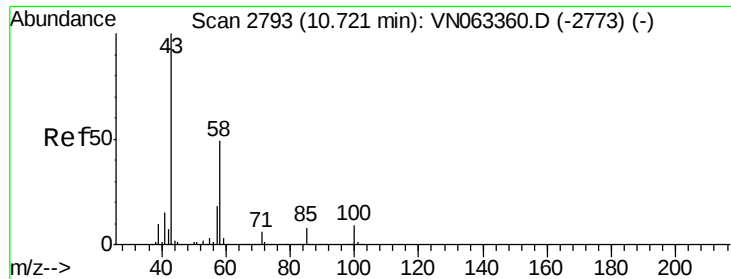
Tgt Ion: 63 Resp: 259041

Ion Ratio Lower Upper

63 100

106 25.5 19.5 29.3





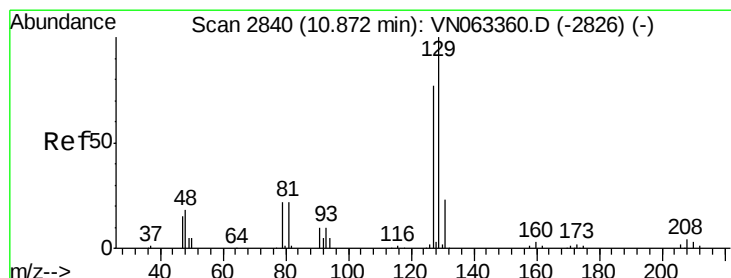
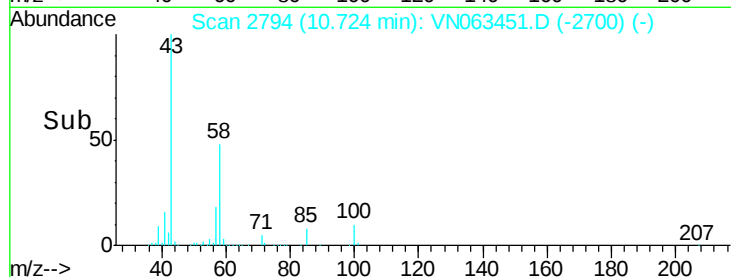
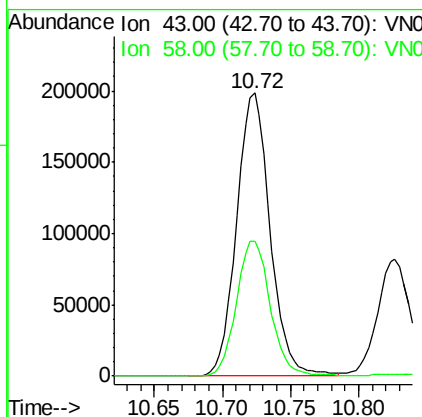
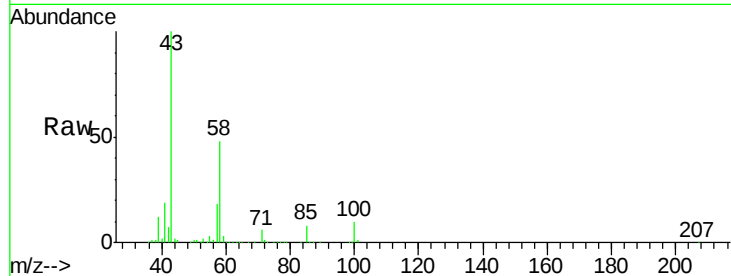
#59
2-Hexanone
Concen: 92.149 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN063451.D
Acq: 18 Sep 2020 12:38

Instrument :
MSVOA_N
ClientSampleId :
VN0918WBSD01

Tot Ion: 43 Resp: 337119
Ion Ratio Lower Upper
43 100
58 48.8 24.7 74.1

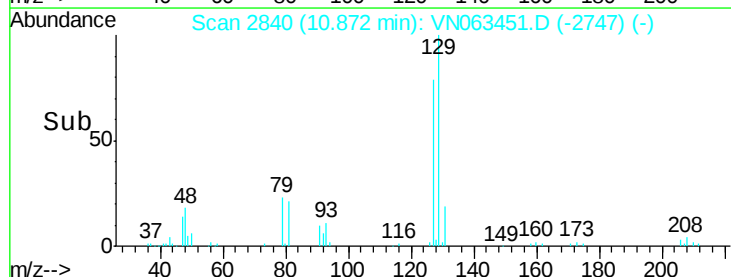
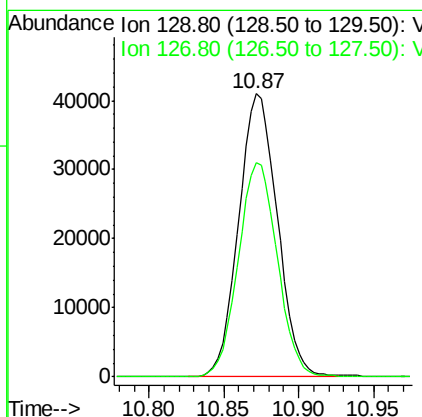
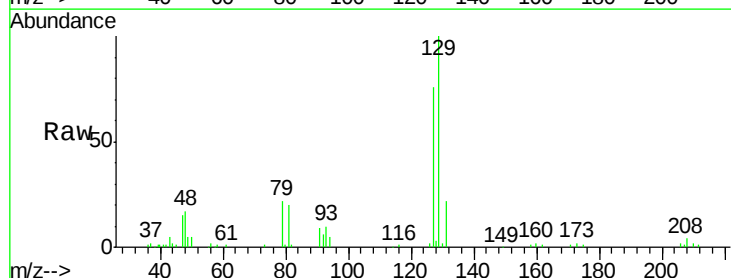
Manual Integrations
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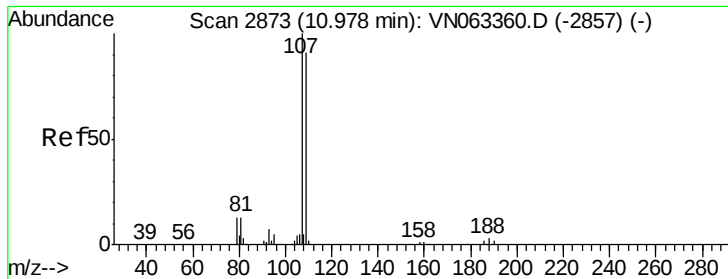
MMDadoda
9/21/2020 11:49:43 AM



#60
Dibromochloromethane
Concen: 18.680 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN063451.D
Acq: 18 Sep 2020 12:38

Tgt Ion: 129 Resp: 73946
Ion Ratio Lower Upper
129 100
127 76.2 39.1 117.3





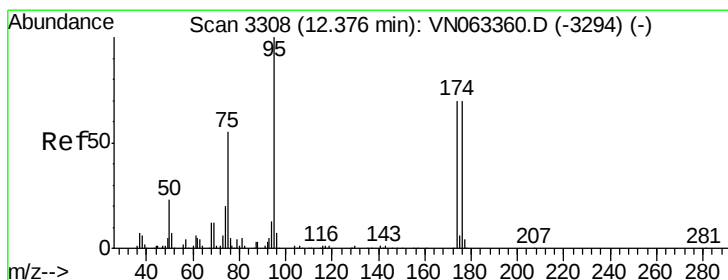
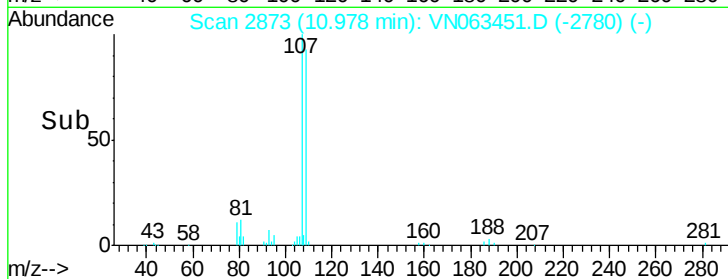
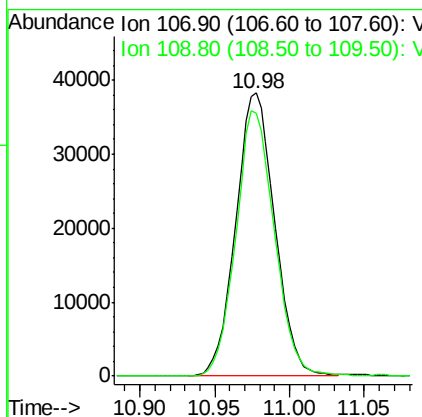
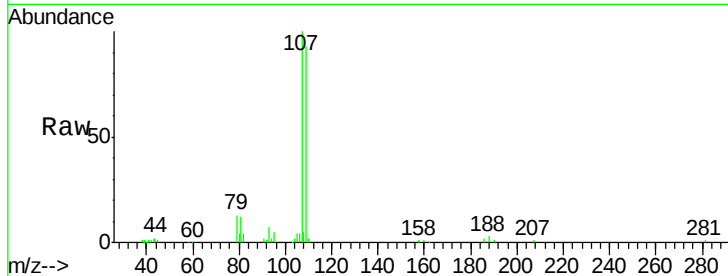
#61
 1,2-Dibromoethane
 Concen: 19.072 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. -0.00 min
 Lab File: VN063451.D
 Acq: 18 Sep 2020 12:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0918WBSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	92.7	74.6	111.8

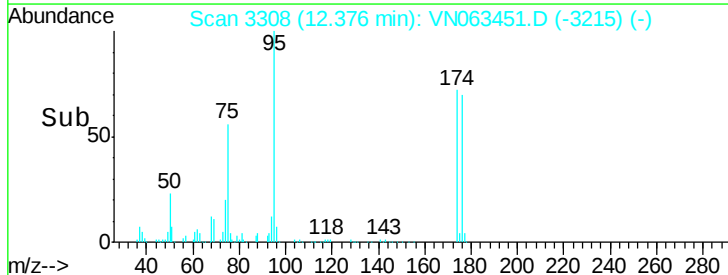
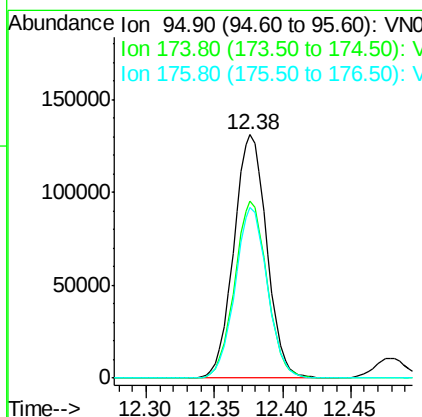
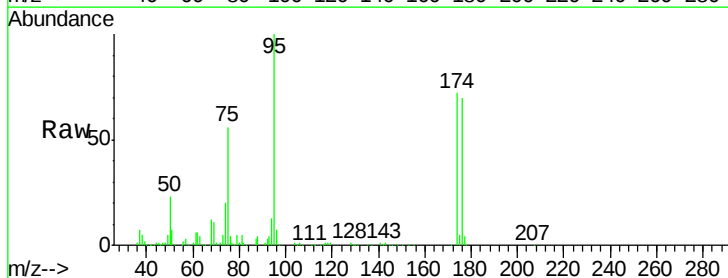
Manual Integrations
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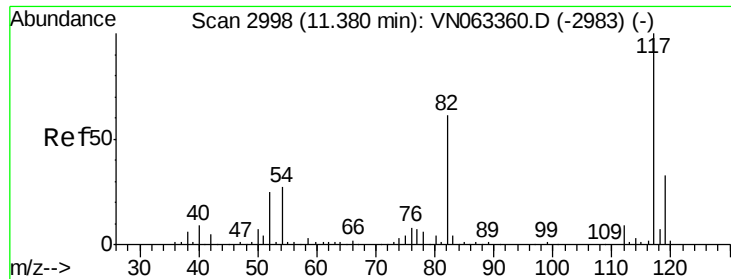
MMDadoda
 9/21/2020 11:49:43 AM



#62
 4-Bromofluorobenzene
 Concen: 47.661 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. -0.00 min
 Lab File: VN063451.D
 Acq: 18 Sep 2020 12:38

Tgt Ion	Ratio	Lower	Upper
95	100		
174	71.6	0.0	140.8
176	68.9	0.0	137.6





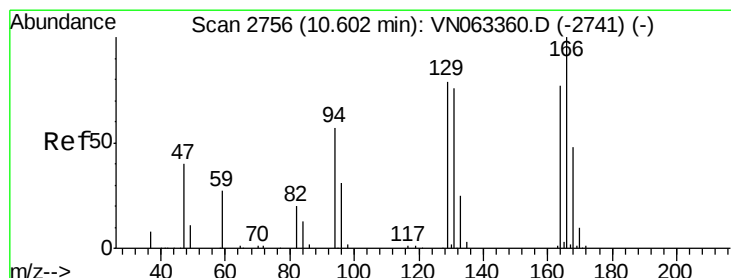
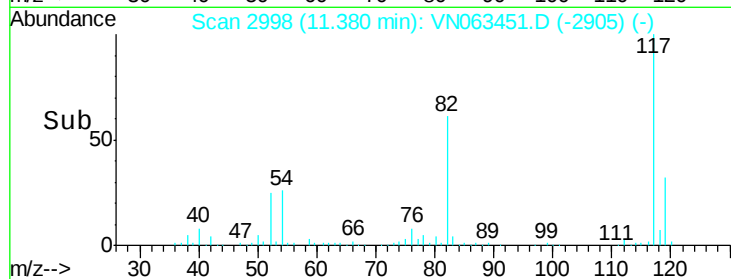
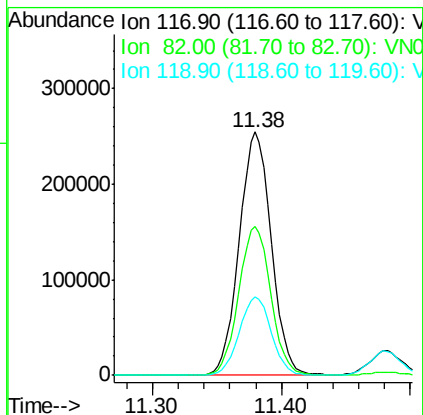
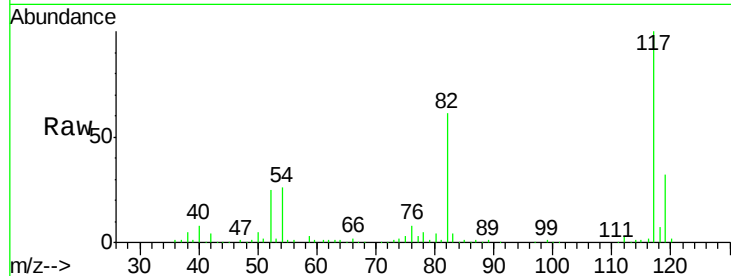
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063451.D
Acq: 18 Sep 2020 12:38

Instrument :
MSVOA_N
ClientSampleId :
VN0918WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	61.2	49.2	73.8
119	32.2	26.2	39.4

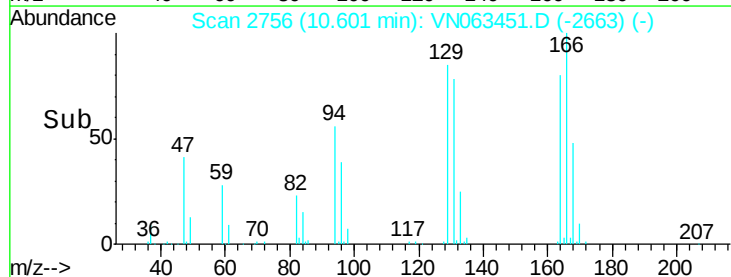
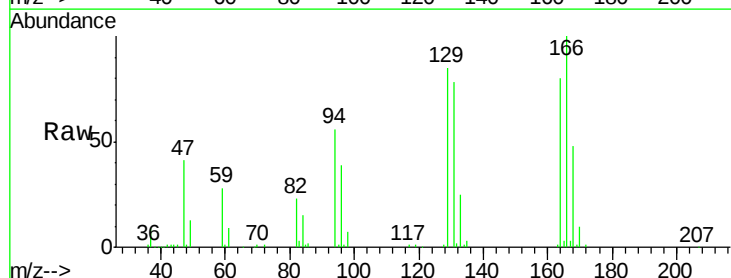
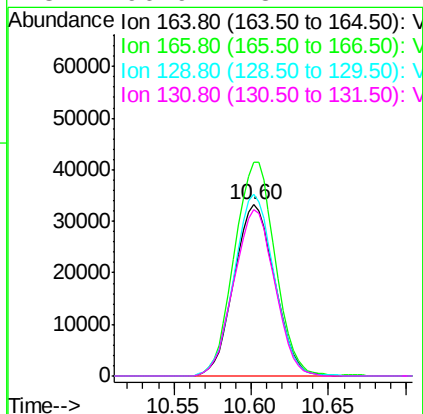
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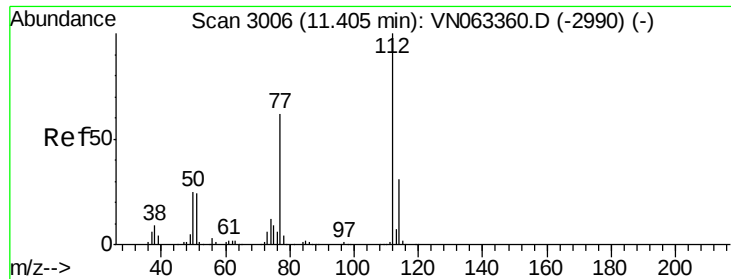
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9/21/2020 11:49:43 AM



#64
Tetrachloroethene
Concen: 20.239 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN063451.D
Acq: 18 Sep 2020 12:38

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.8	103.4	155.0
129	106.1	81.8	122.6
131	96.9	78.2	117.4





#65

Chlorobenzene

Concen: 18.617 ug/l

RT: 11.41 min Scan# 3006

Delta R.T. -0.00 min

Lab File: VN063451.D

Acq: 18 Sep 2020 12:38

Instrument :

MSVOA_N

ClientSampleId :

VN0918WBSD01

Tot Ion:112 Resp: 174190

Ion Ratio Lower Upper

112 100

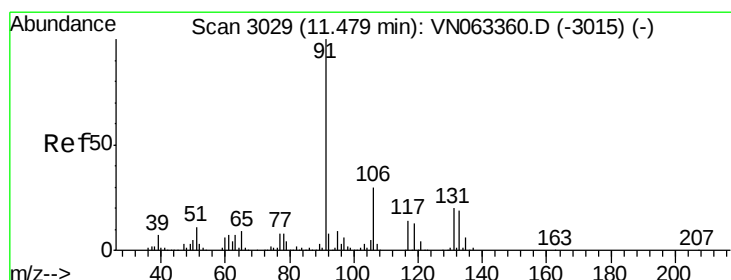
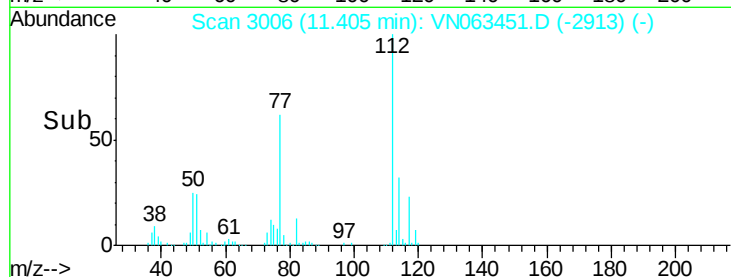
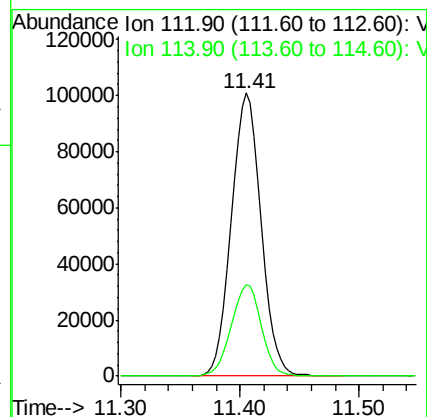
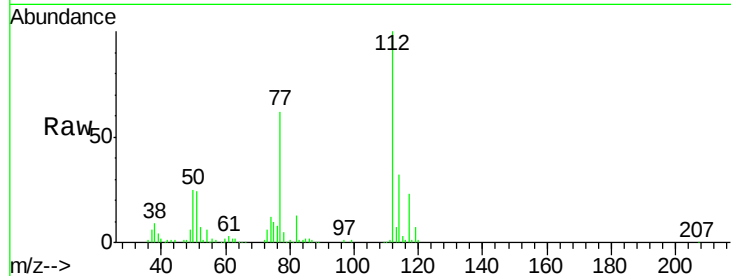
114 32.2 25.0 37.6

Manual Integrations

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#66

1,1,1,2-Tetrachloroethane

Concen: 19.002 ug/l

RT: 11.48 min Scan# 3029

Delta R.T. -0.00 min

Lab File: VN063451.D

Acq: 18 Sep 2020 12:38

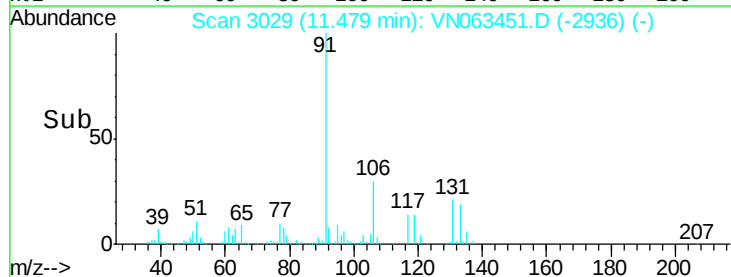
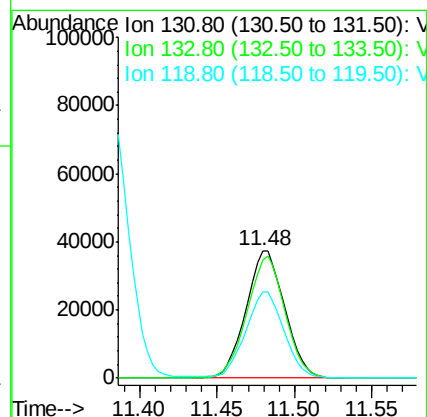
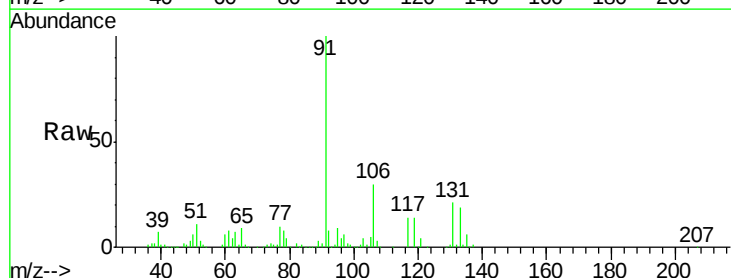
Tgt Ion:131 Resp: 65171

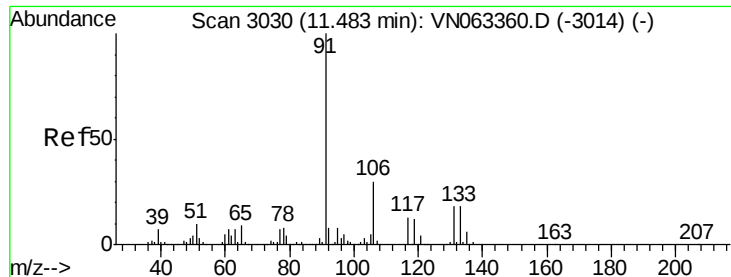
Ion Ratio Lower Upper

131 100

133 93.7 47.3 141.9

119 67.1 33.6 100.8





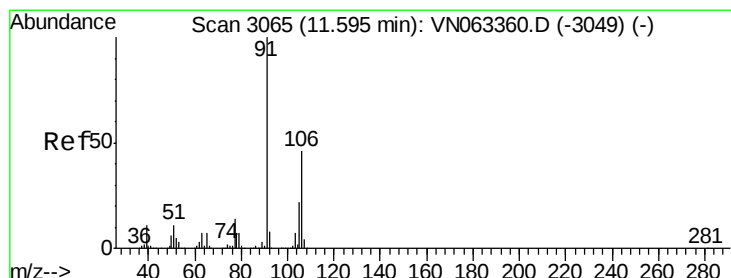
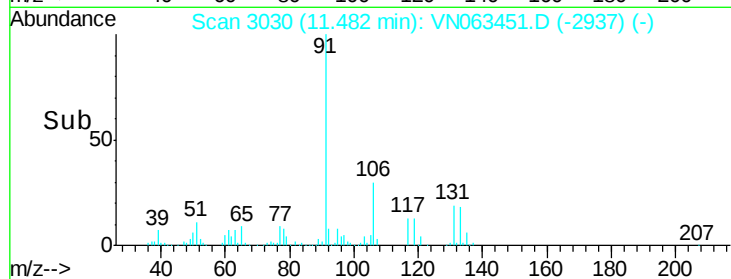
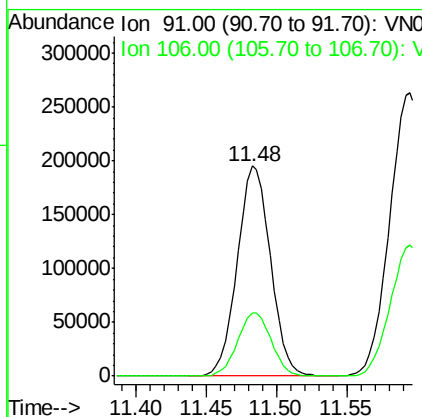
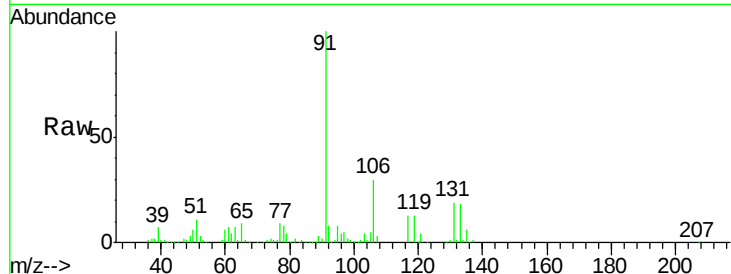
#67
Ethyl Benzene
Concen: 18.348 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN063451.D
Acq: 18 Sep 2020 12:38

Instrument :
MSVOA_N
ClientSampleId :
VN0918WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
106	30.1	23.8	35.6

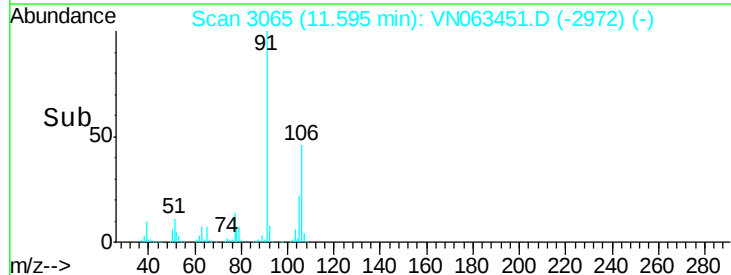
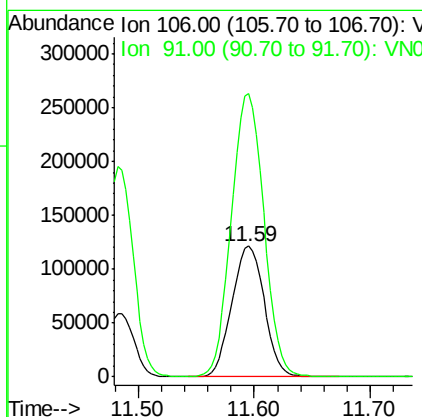
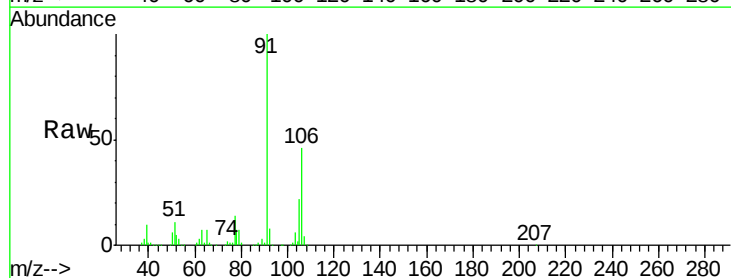
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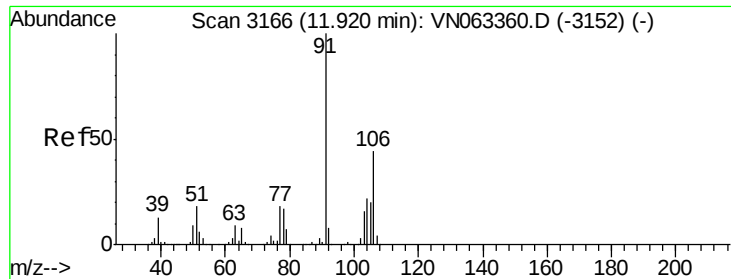
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#68
m/p-Xylenes
Concen: 37.178 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN063451.D
Acq: 18 Sep 2020 12:38

Tgt Ion	Ratio	Lower	Upper
106	100		
91	215.6	171.2	256.8





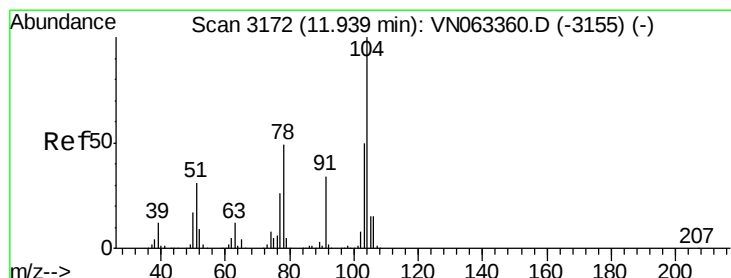
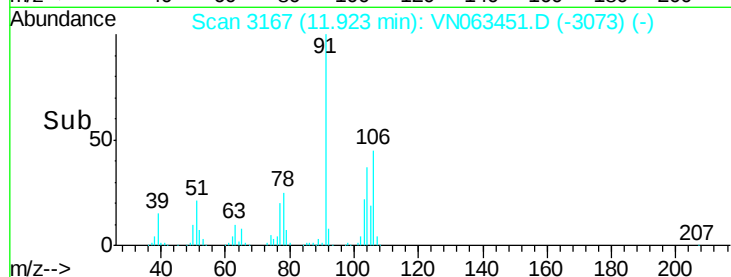
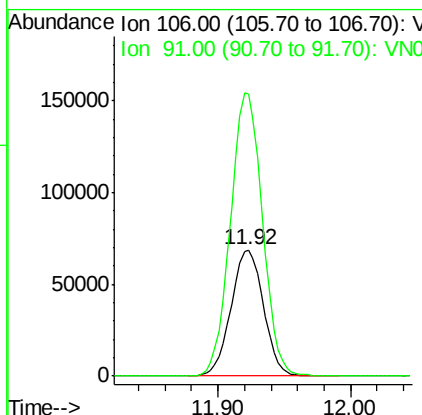
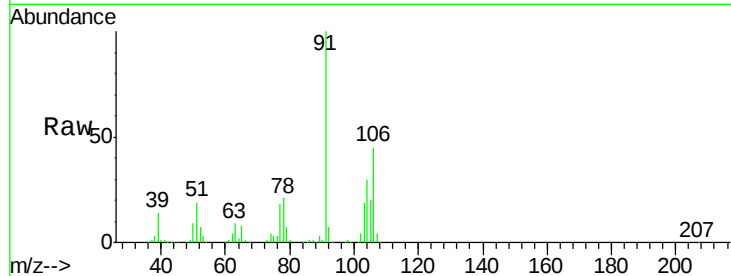
#69
o-Xylene
Concen: 19.286 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063451.D
Acq: 18 Sep 2020 12:38

Instrument :
MSVOA_N
ClientSampled :
VN0918WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		116715		
91	221.8	113.6	340.8		

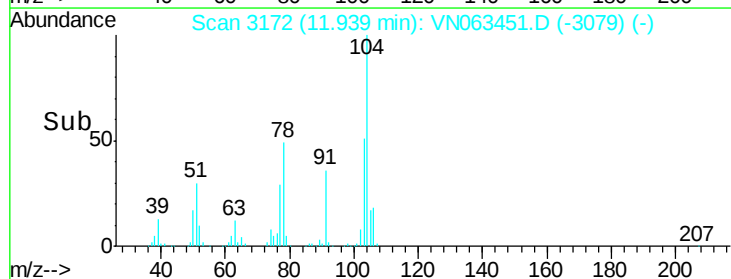
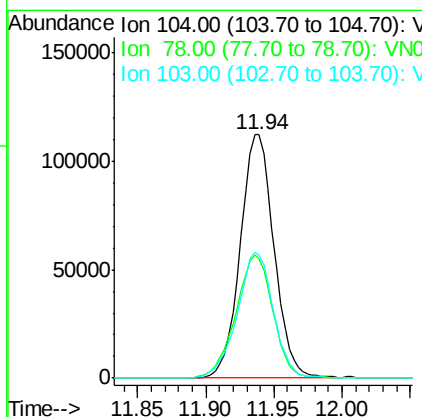
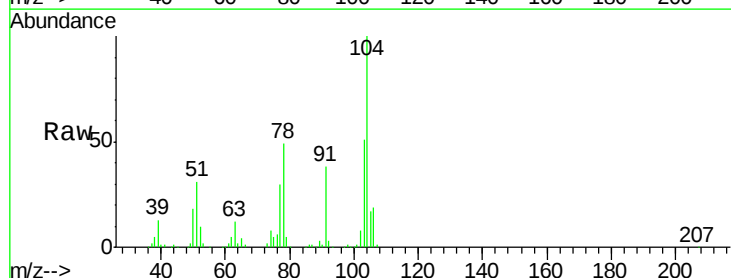
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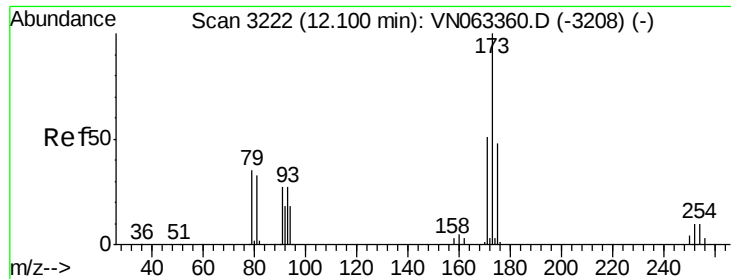
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#70
Styrene
Concen: 19.068 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. -0.00 min
Lab File: VN063451.D
Acq: 18 Sep 2020 12:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		193522		
78	55.6	44.4	66.6		
103	55.3	43.7	65.5		





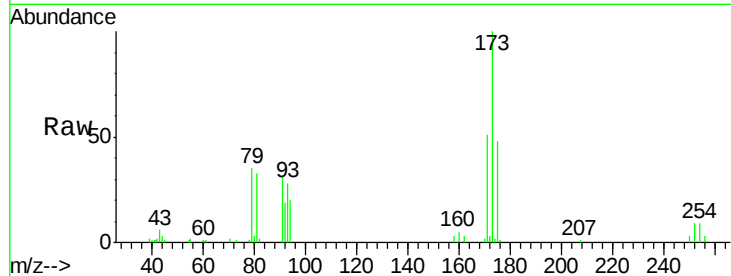
#71
Bromoform
Concen: 18.446 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. -0.00 min
Lab File: VN063451.D
Acq: 18 Sep 2020 12:38

Instrument :
MSVOA_N
ClientSampleId :
VN0918WBSD01

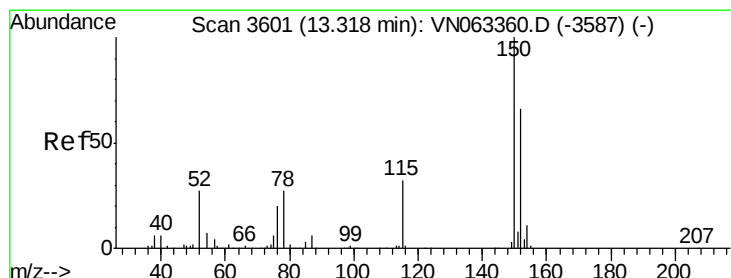
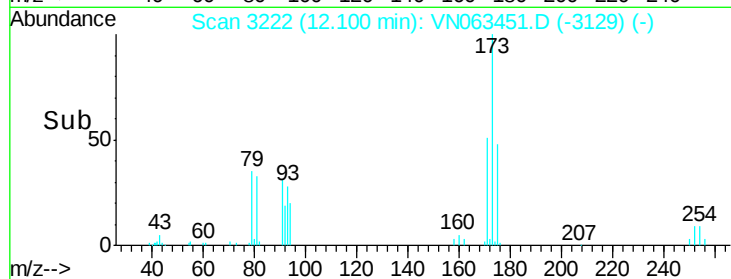
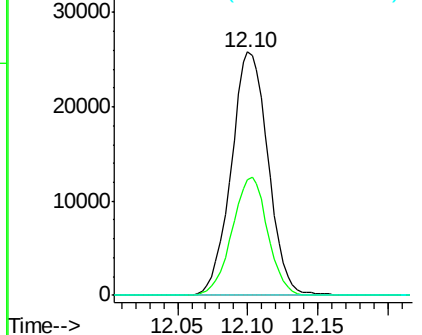
Tot Ion	Ratio	Lower	Upper
173	100		
175	46.6	24.0	72.0
254	0.0	0.0	0.0

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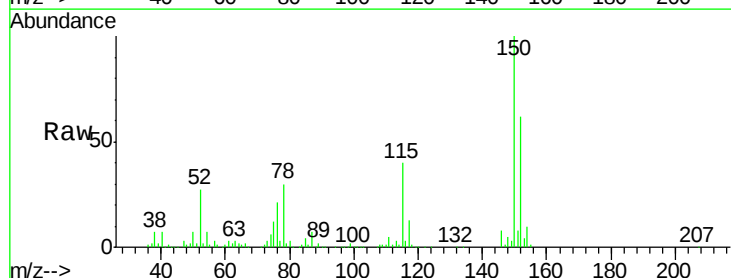


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

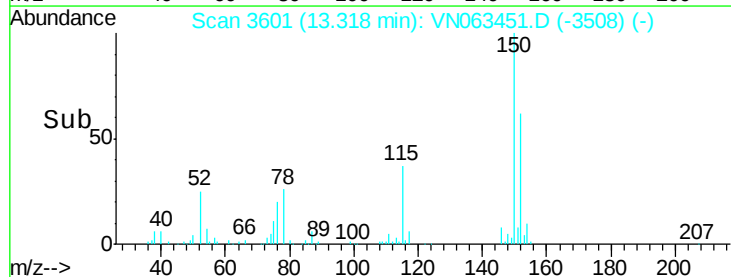
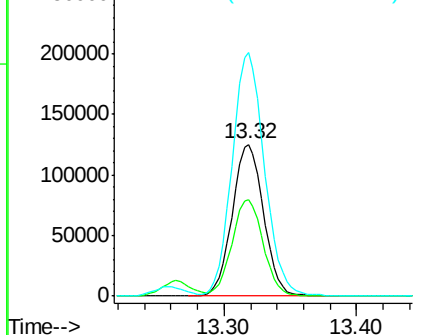


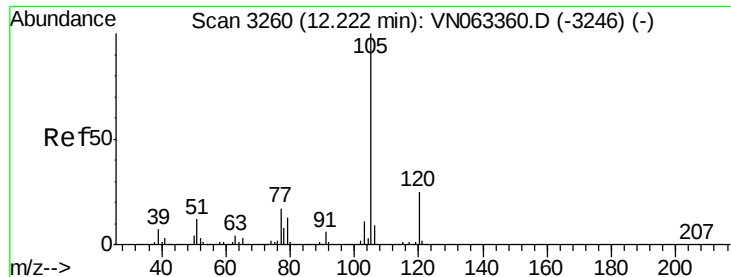
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. -0.00 min
Lab File: VN063451.D
Acq: 18 Sep 2020 12:38

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.0	32.2	96.6
150	165.1	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





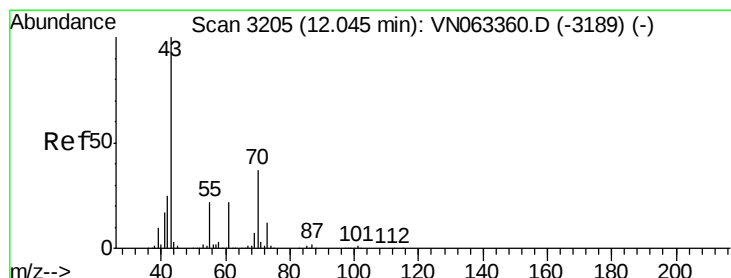
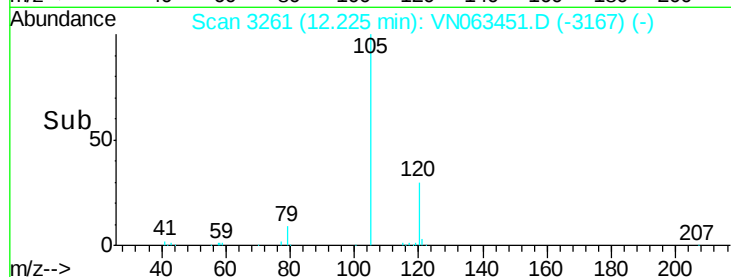
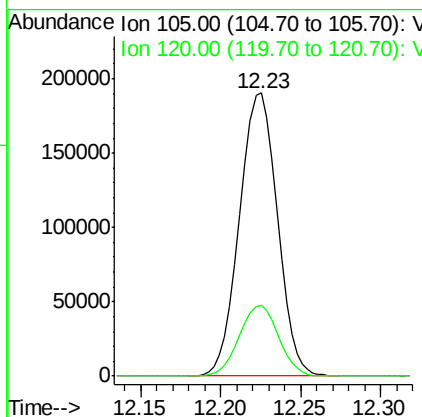
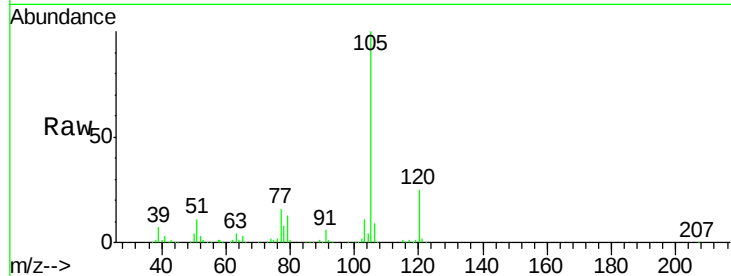
#73
Isopropylbenzene
Concen: 18.716 ug/l
RT: 12.23 min Scan# 3261
Delta R.T. 0.00 min
Lab File: VN063451.D
Acq: 18 Sep 2020 12:38

Instrument :
MSVOA_N
ClientSampleId :
VN0918WBSD01

Tot Ion	Ratio	Lower	Upper
105	100		
120	25.7	12.7	38.0

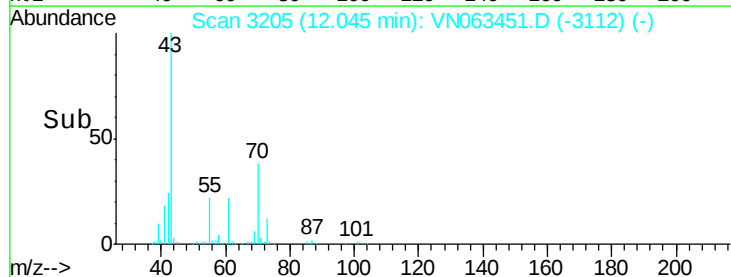
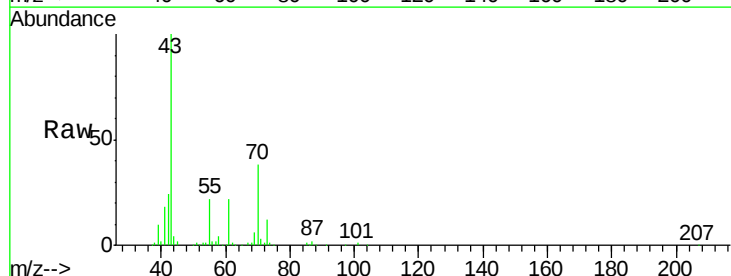
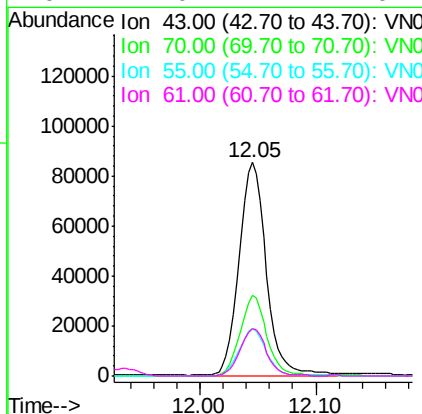
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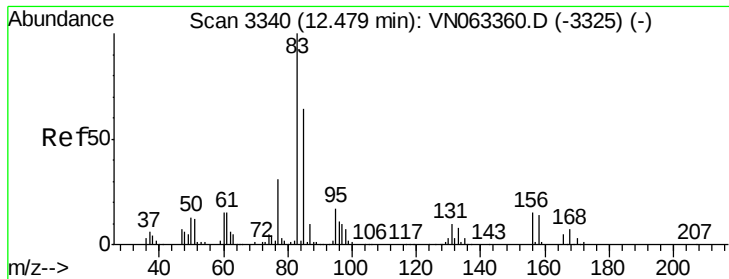
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#74
N-ethyl acetate
Concen: 17.674 ug/l
RT: 12.05 min Scan# 3205
Delta R.T. -0.00 min
Lab File: VN063451.D
Acq: 18 Sep 2020 12:38

Tgt Ion	Ratio	Lower	Upper
43	100		
70	37.8	29.6	44.4
55	21.9	17.7	26.5
61	22.0	17.4	26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 18.564 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. -0.00 min

Lab File: VN063451.D

Acq: 18 Sep 2020 12:38

Instrument :

MSVOA_N

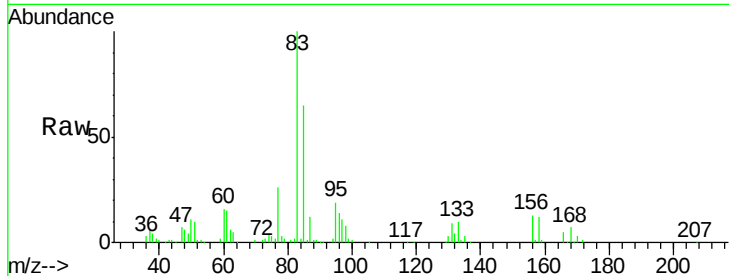
ClientSampleId :

VN0918WBSD01

Tot Ion:	83	Resp:	94755
Ion Ratio	Lower	Upper	
83	100		
131	10.1	4.9	14.7
85	63.8	32.0	96.0

Manual Integrations
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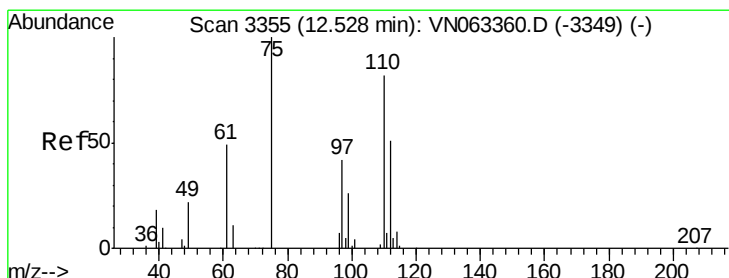
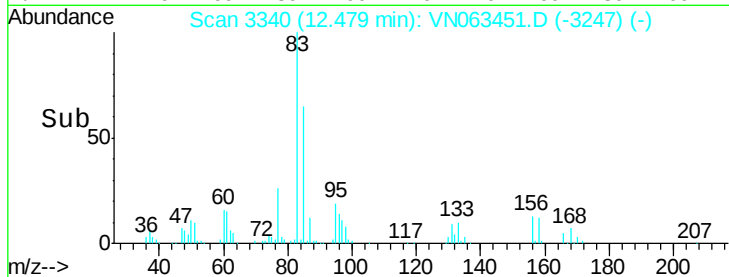
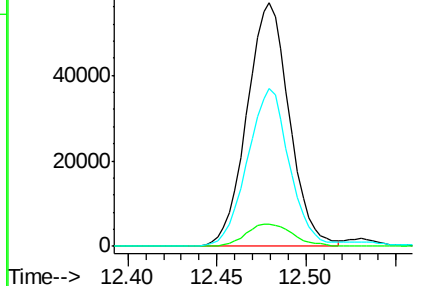
MMDadoda
9/21/2020 11:49:43 AM



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 17.437 ug/l m

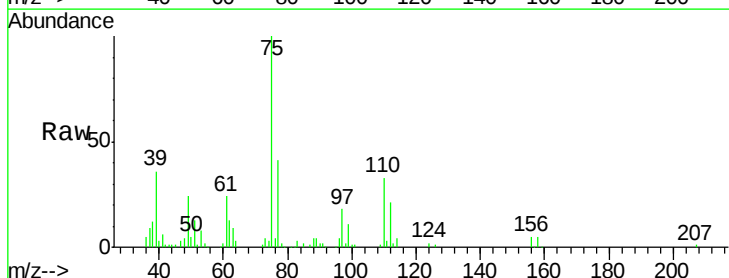
RT: 12.53 min Scan# 3355

Delta R.T. -0.00 min

Lab File: VN063451.D

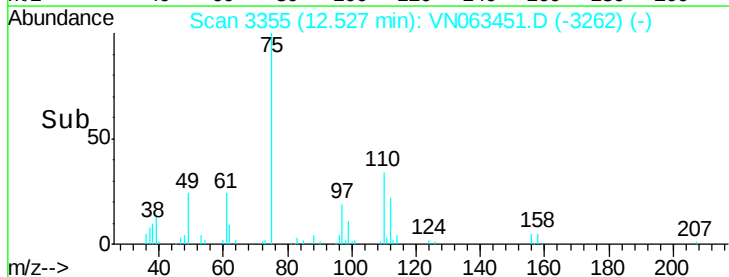
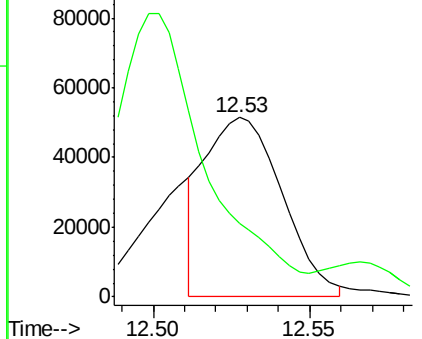
Acq: 18 Sep 2020 12:38

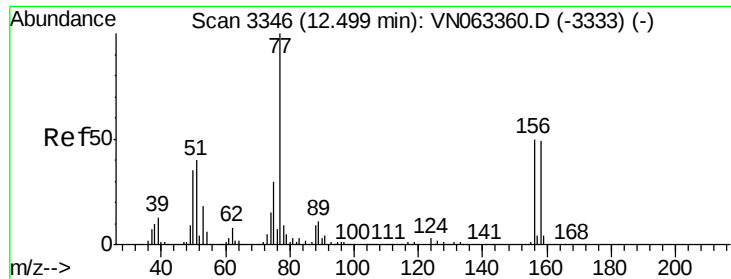
Tgt Ion:	75	Resp:	88781
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 19.658 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN063451.D

Acq: 18 Sep 2020 12:38

Instrument :

MSVOA_N

ClientSampleId :

VN0918WBSD01

Tot Ion:156 Resp: 72893

Ion Ratio Lower Upper

156 100

77 232.2 120.2 360.6

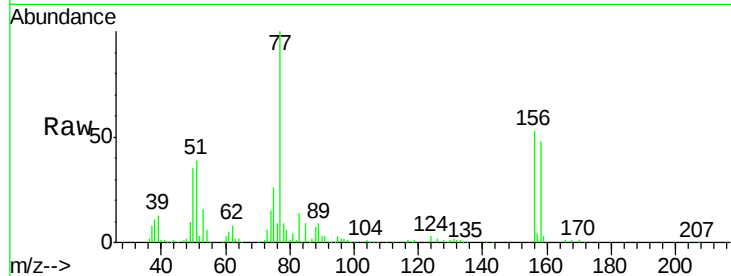
158 94.0 48.9 146.6

Manual Integrations

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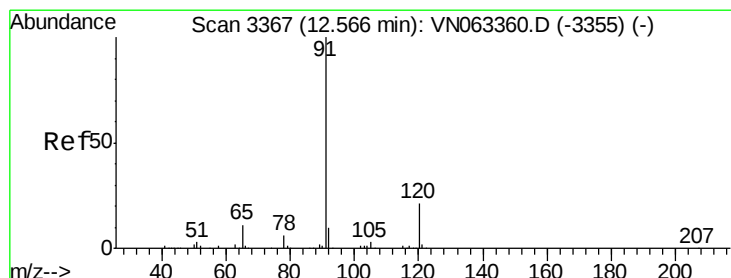
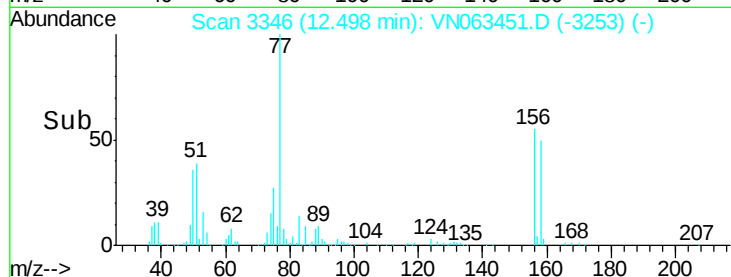
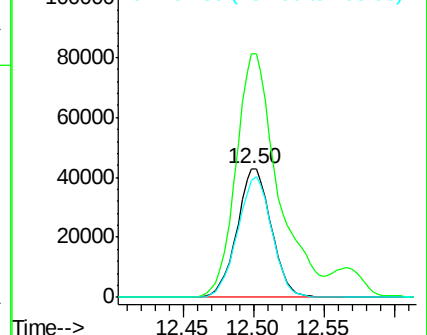
9/21/2020 11:49:43 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.073 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063451.D

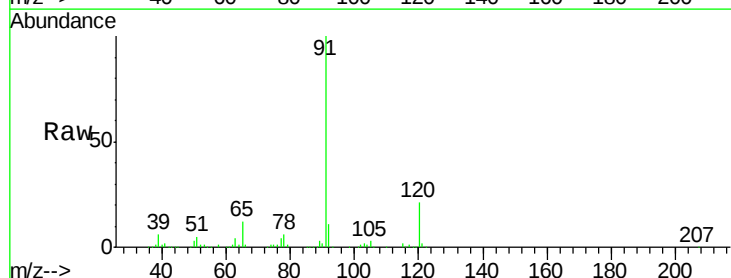
Acq: 18 Sep 2020 12:38

Tgt Ion: 91 Resp: 366199

Ion Ratio Lower Upper

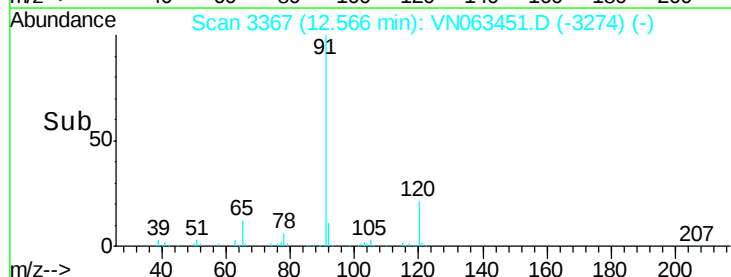
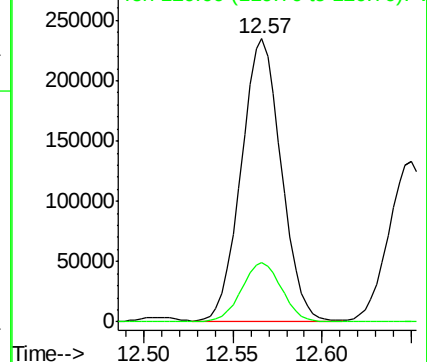
91 100

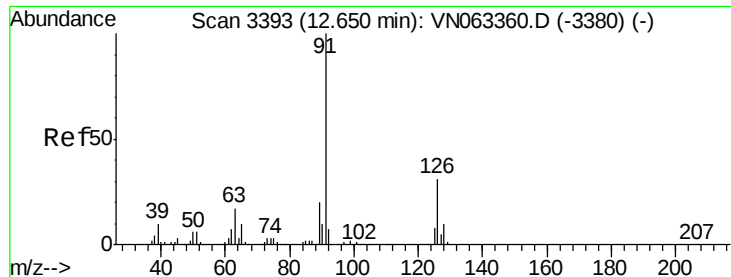
120 21.3 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





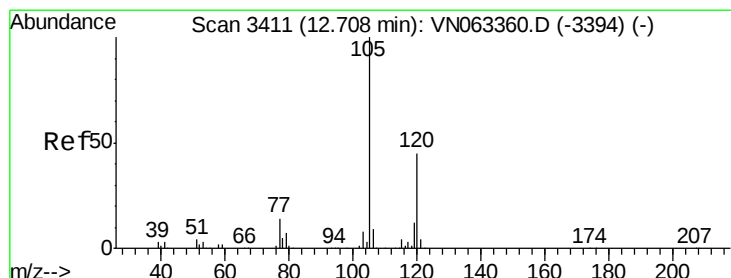
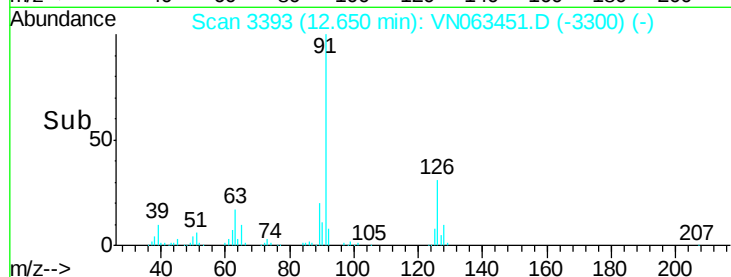
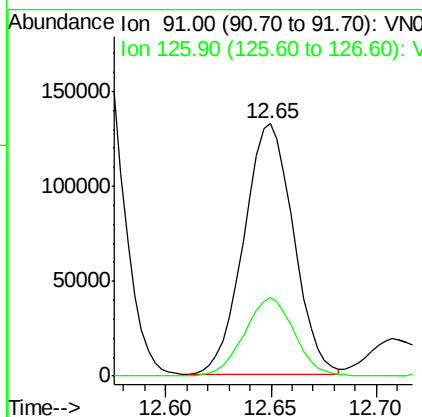
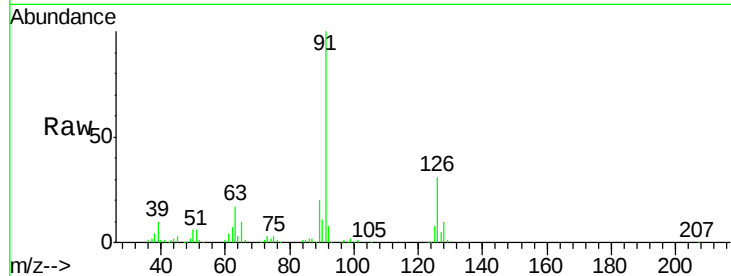
#79
2-Chlorotoluene
Concen: 18.932 ug/l
RT: 12.65 min Scan# 3393
Delta R.T. -0.00 min
Lab File: VN063451.D
Acq: 18 Sep 2020 12:38

Instrument :
MSVOA_N
ClientSampled :
VN0918WBSD01

Tot Ion: 91 Resp: 217890
Ion Ratio Lower Upper
91 100
126 31.4 15.8 47.3

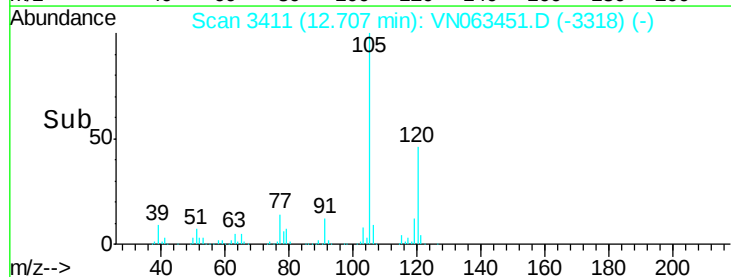
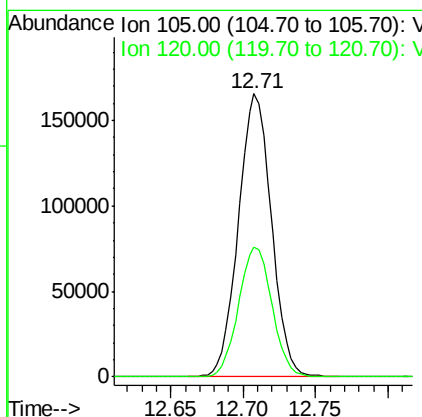
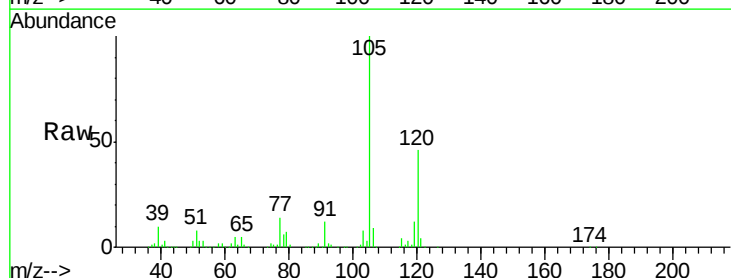
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#80
1,3,5-Trimethylbenzene
Concen: 19.007 ug/l
RT: 12.71 min Scan# 3411
Delta R.T. -0.00 min
Lab File: VN063451.D
Acq: 18 Sep 2020 12:38

Tgt Ion: 105 Resp: 261266
Ion Ratio Lower Upper
105 100
120 46.7 22.9 68.8





#81

trans-1,4-Dichloro-2-butene

Concen: 17.318 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN063451.D

Acq: 18 Sep 2020 12:38

Instrument :

MSVOA_N

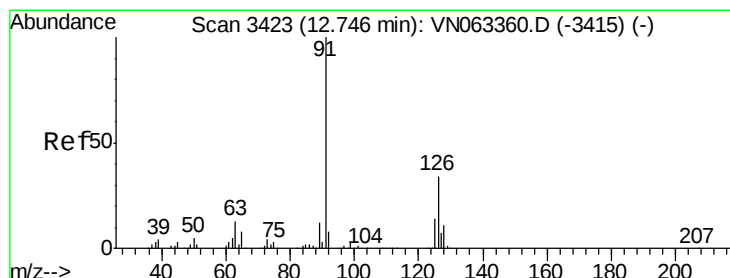
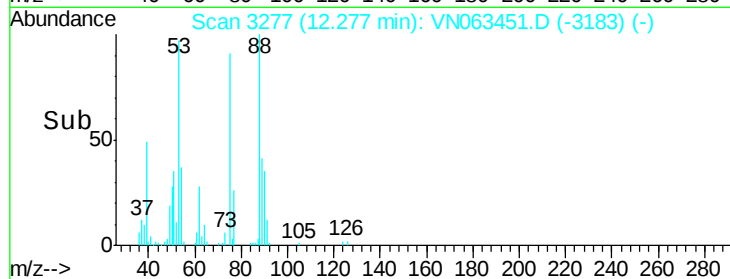
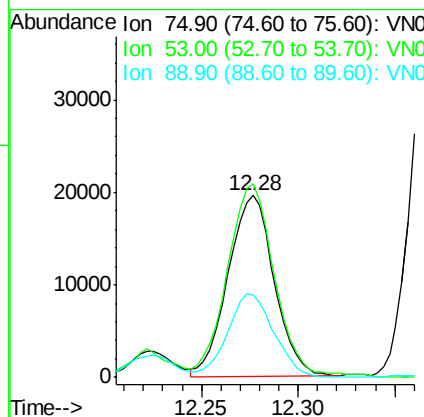
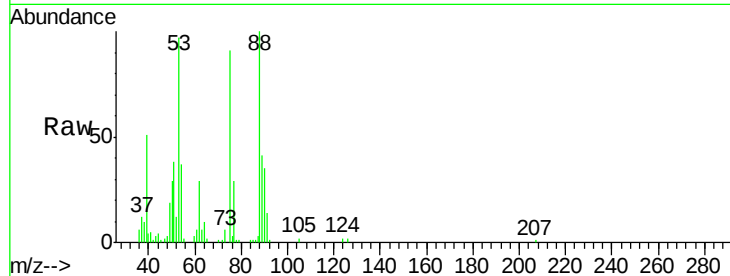
ClientSampled :

VN0918WBSD01

Tot Ion:	75	Resp:	32163
Ion	Ratio	Lower	Upper
75	100		
53	111.0	85.7	128.5
89	46.7	38.0	57.0

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#82

4-Chlorotoluene

Concen: 18.556 ug/l

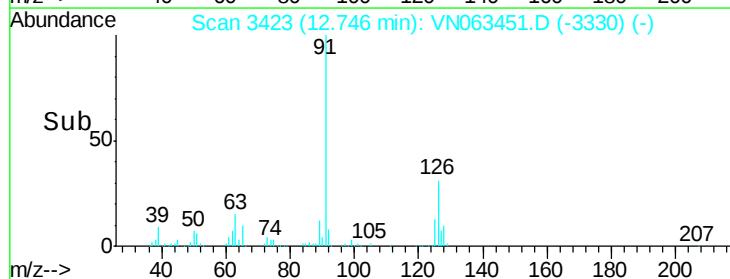
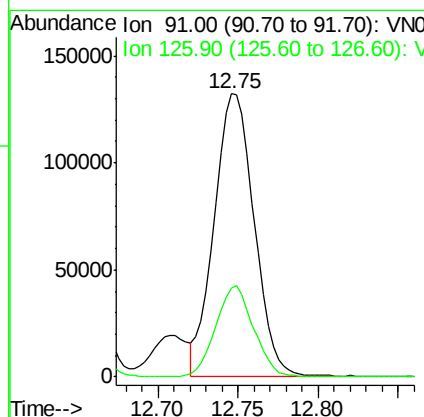
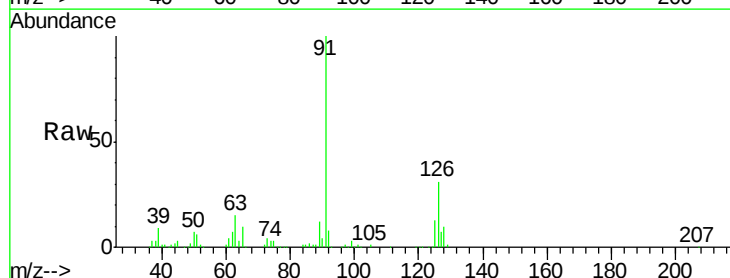
RT: 12.75 min Scan# 3423

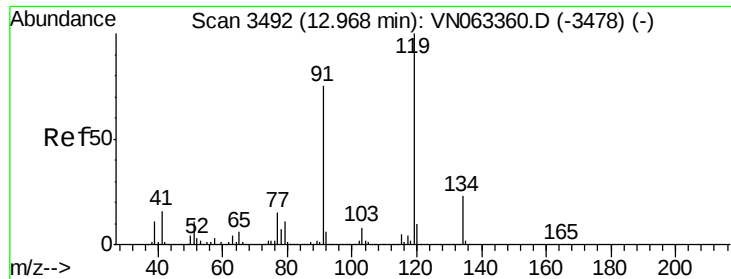
Delta R.T. -0.00 min

Lab File: VN063451.D

Acq: 18 Sep 2020 12:38

Tgt Ion:	91	Resp:	225650
Ion	Ratio	Lower	Upper
91	100		
126	30.4	15.5	46.5





#83

tert-Butylbenzene

Concen: 18.610 ug/l

RT: 12.97 min Scan# 3492

Delta R.T. -0.00 min

Lab File: VN063451.D

Acq: 18 Sep 2020 12:38

Instrument :

MSVOA_N

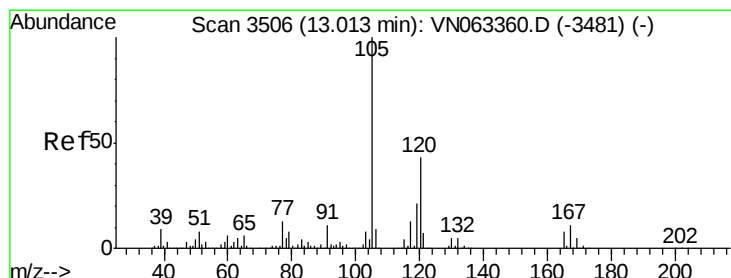
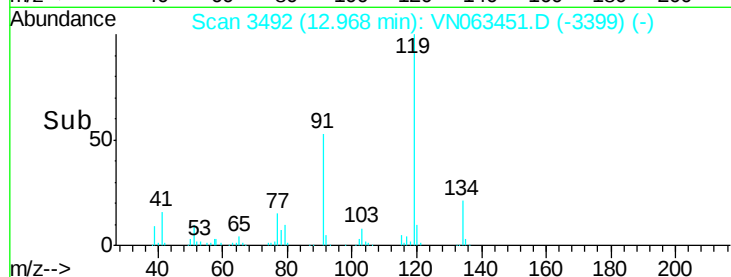
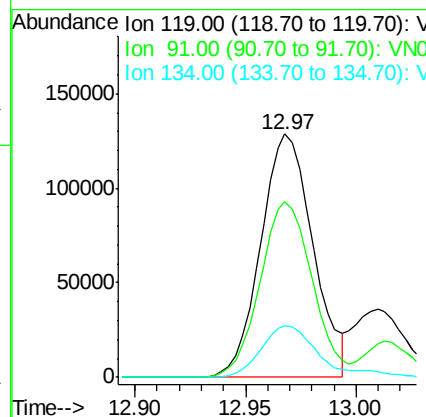
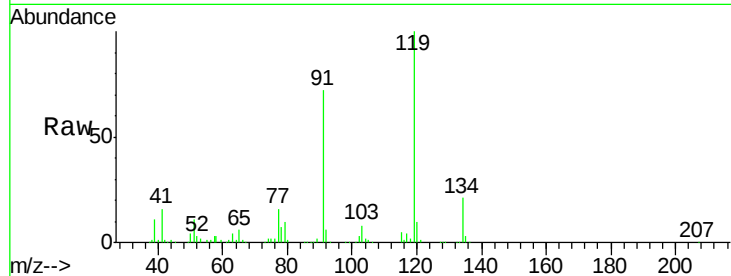
ClientSampled :

VN0918WBSD01

Tot Ion:	119	Resp:	211136
Ion Ratio	Lower	Upper	
119	100		
91	71.7	36.3	108.9
134	23.8	12.3	36.8

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#84

1,2,4-Trimethylbenzene

Concen: 19.077 ug/l

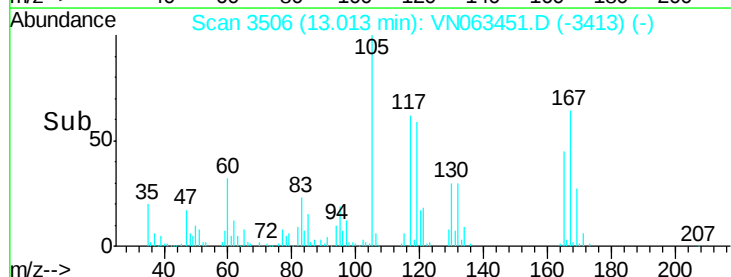
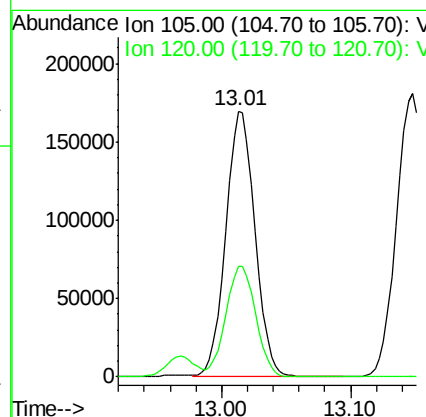
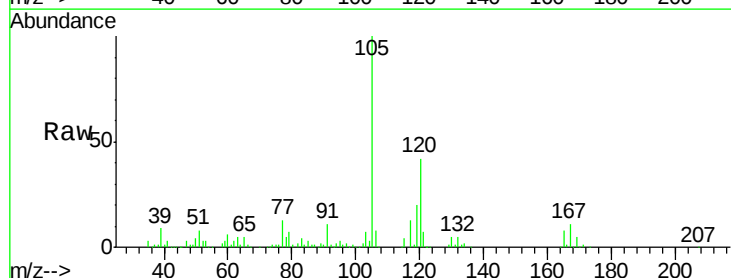
RT: 13.01 min Scan# 3506

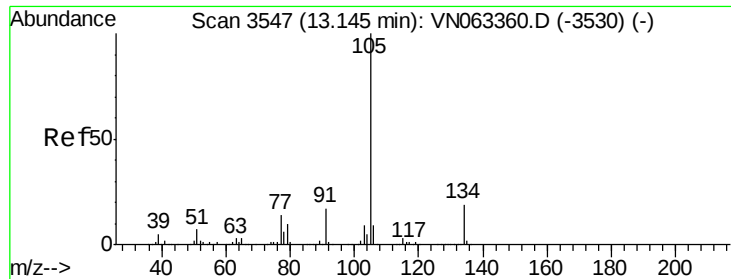
Delta R.T. -0.00 min

Lab File: VN063451.D

Acq: 18 Sep 2020 12:38

Tgt Ion:	105	Resp:	264879
Ion Ratio	Lower	Upper	
105	100		
120	42.4	21.3	63.9





#85

sec-Butylbenzene

Concen: 18.923 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN063451.D

Acq: 18 Sep 2020 12:38

Instrument :

MSVOA_N

ClientSampleId :

VN0918WBSD01

Tot Ion:105 Resp: 287363

Ion Ratio Lower Upper

105 100

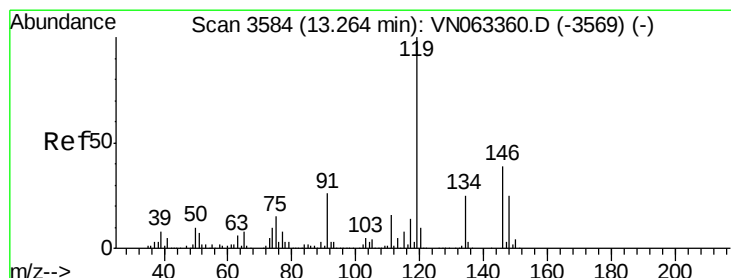
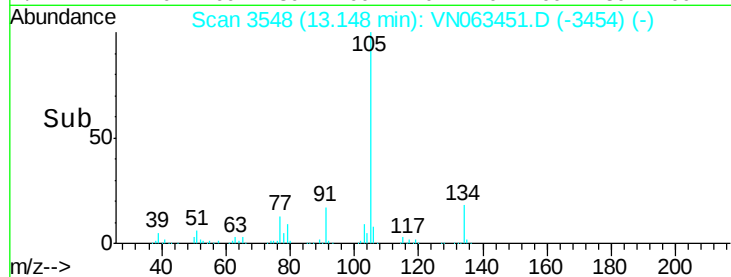
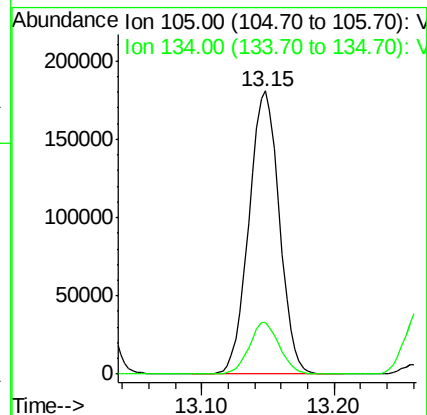
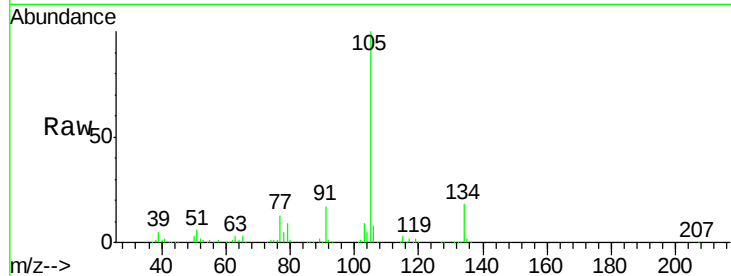
134 18.2 9.3 27.7

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#86

p-Isopropyltoluene

Concen: 19.028 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. -0.00 min

Lab File: VN063451.D

Acq: 18 Sep 2020 12:38

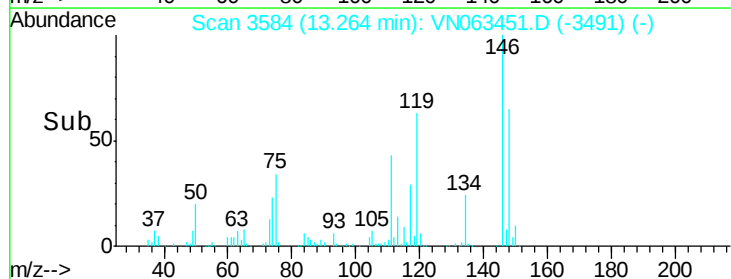
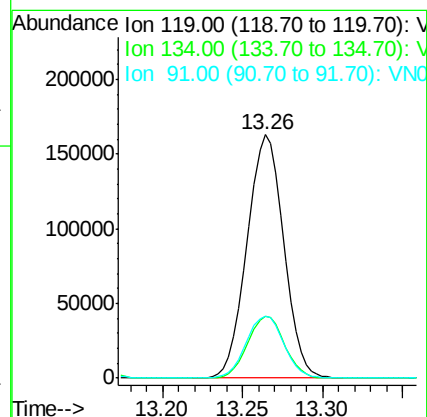
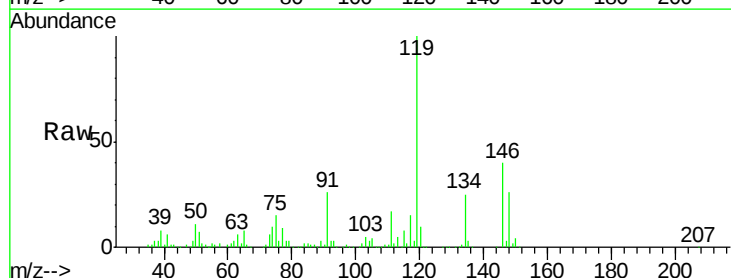
Tgt Ion:119 Resp: 254872

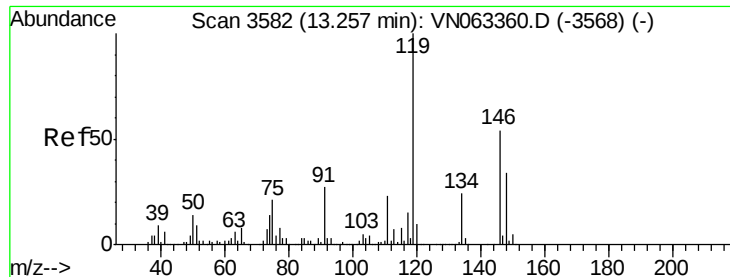
Ion Ratio Lower Upper

119 100

134 25.3 12.5 37.5

91 26.5 13.4 40.1





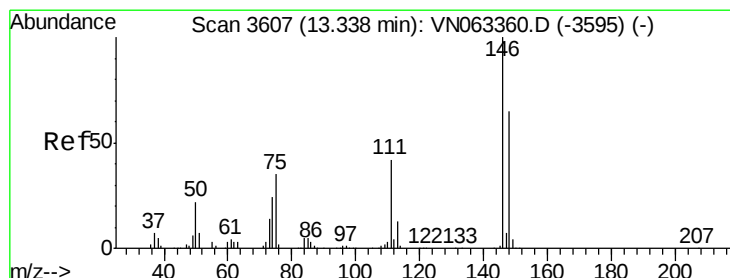
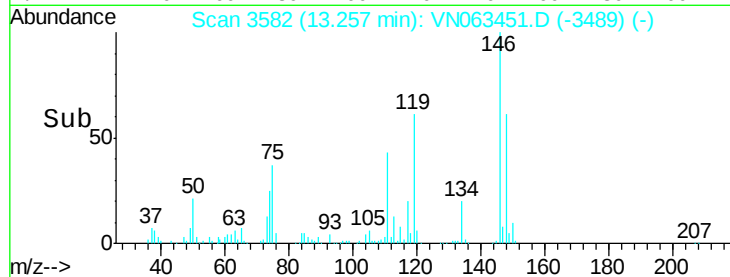
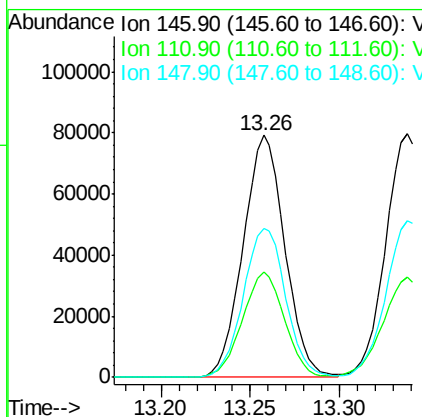
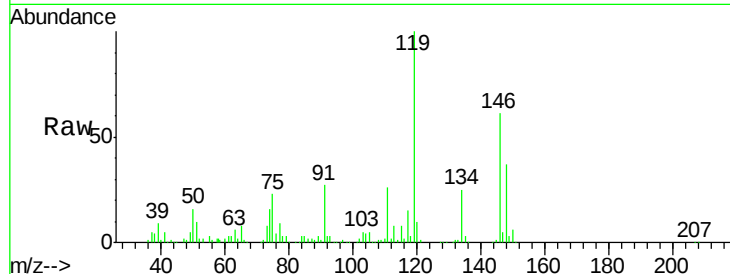
#87
 1,3-Dichlorobenzene
 Concen: 18.798 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN063451.D
 Acq: 18 Sep 2020 12:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0918WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	129193		
111	43.9	21.4	64.3	
148	62.6	31.9	95.7	

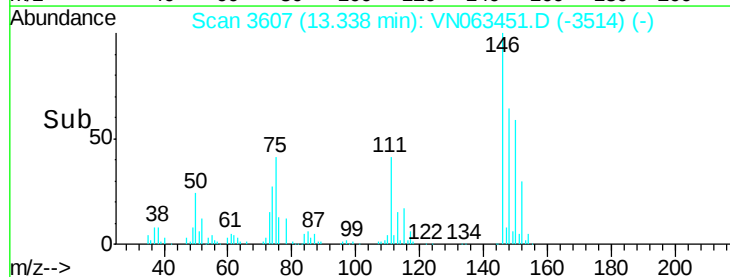
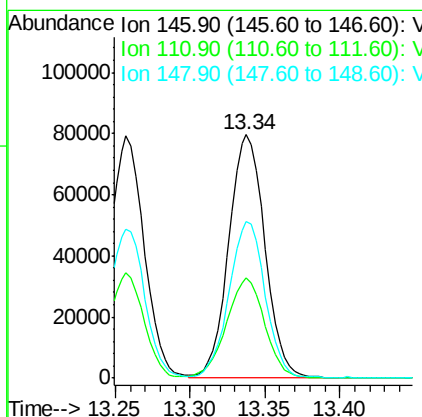
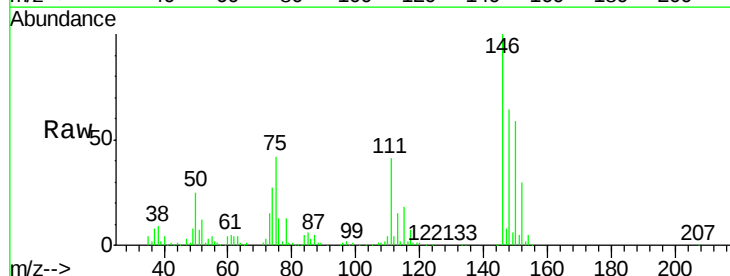
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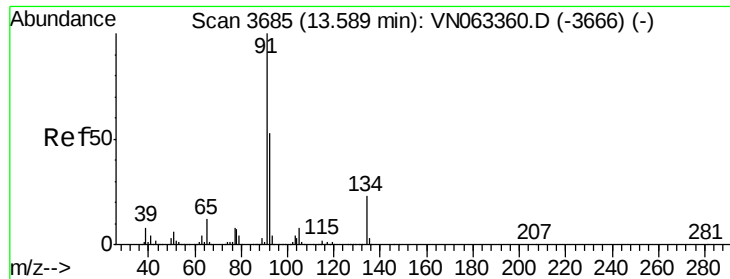
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#88
 1,4-Dichlorobenzene
 Concen: 19.220 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. -0.00 min
 Lab File: VN063451.D
 Acq: 18 Sep 2020 12:38

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	134299		
111	43.7	21.2	63.6	
148	63.9	31.9	95.9	





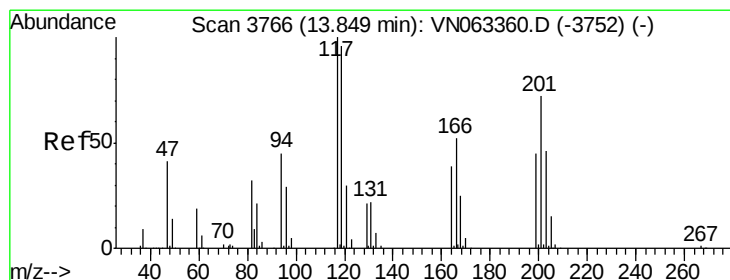
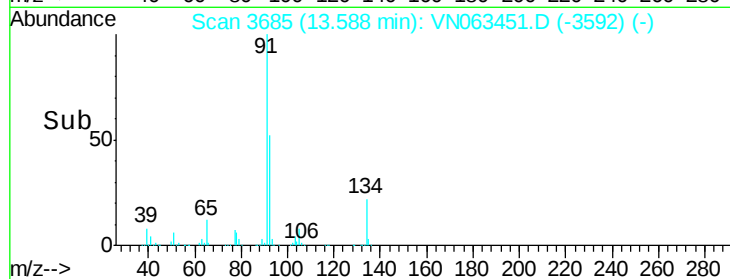
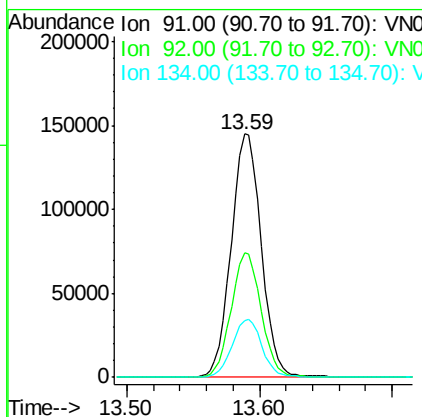
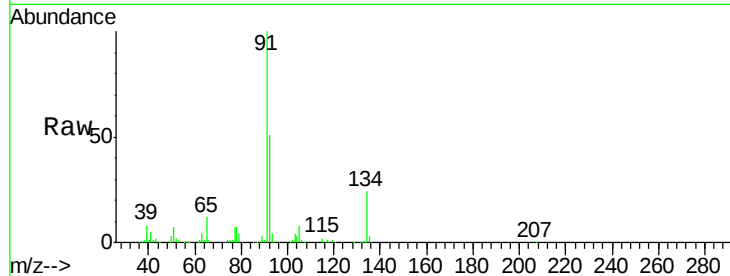
#89
n-Butylbenzene
Concen: 18.548 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN063451.D
Acq: 18 Sep 2020 12:38

Instrument :
MSVOA_N
ClientSampleId :
VN0918WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	228999		
92	51.0	26.0	78.0	
134	23.6	11.7	35.0	

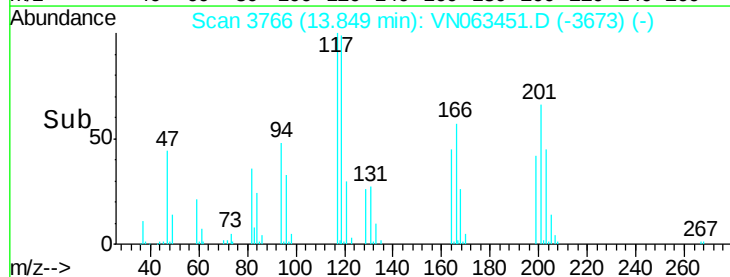
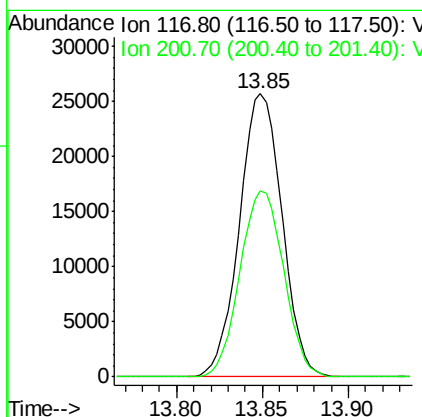
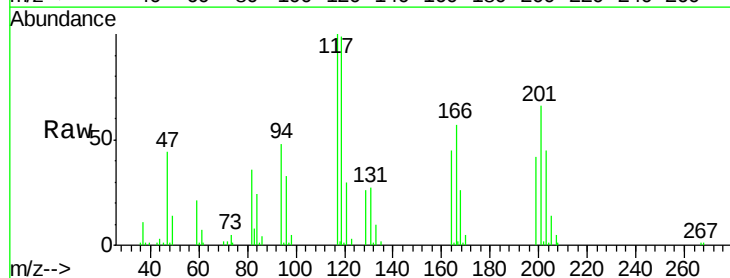
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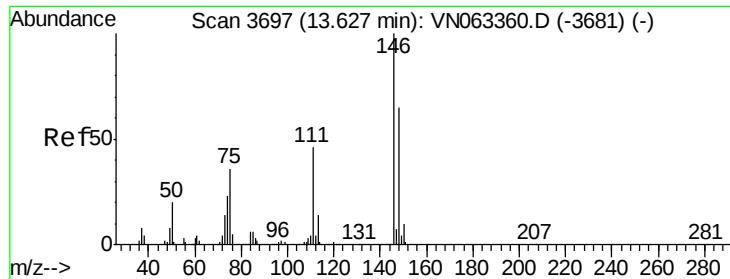
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#90
Hexachloroethane
Concen: 17.345 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. -0.00 min
Lab File: VN063451.D
Acq: 18 Sep 2020 12:38

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	44239		
201	67.5	35.5	106.7	





#91

1,2-Dichlorobenzene

Concen: 19.090 ug/l

RT: 13.63 min Scan# 3697

Delta R.T. -0.00 min

Lab File: VN063451.D

Acq: 18 Sep 2020 12:38

Instrument :

MSVOA_N

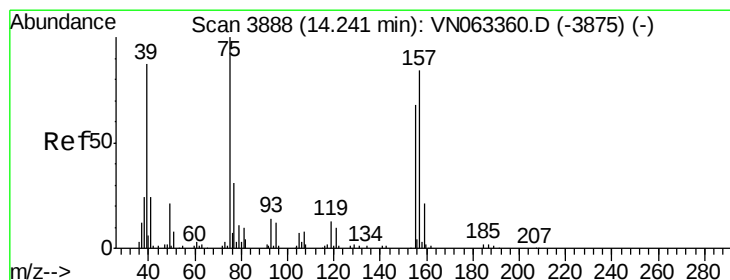
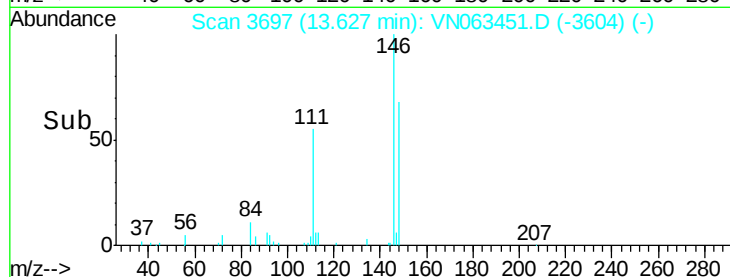
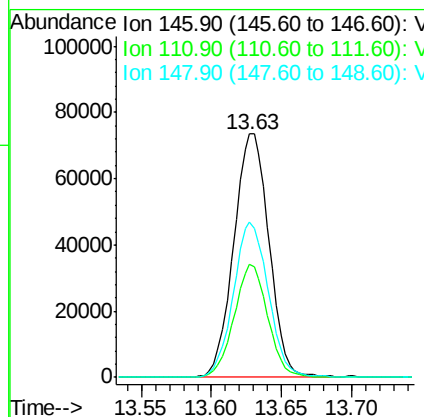
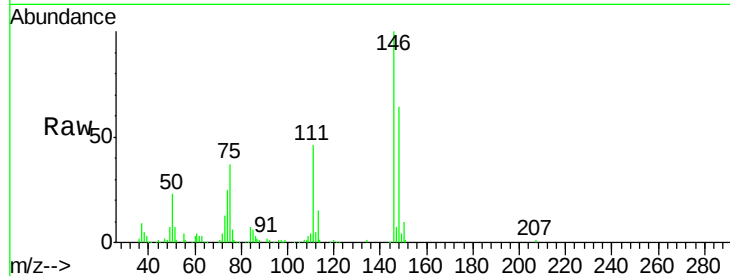
ClientSampleId :

VN0918WBSD01

Tot Ion:	146	Resp:	128812
Ion Ratio	Lower	Upper	
146	100		
111	44.3	22.4	67.2
148	63.5	32.0	96.0

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#92

1,2-Dibromo-3-Chloropropane

Concen: 17.704 ug/l

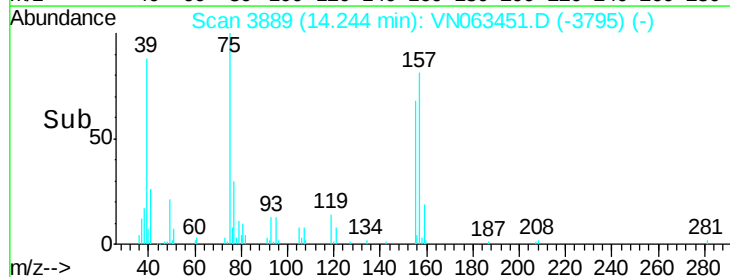
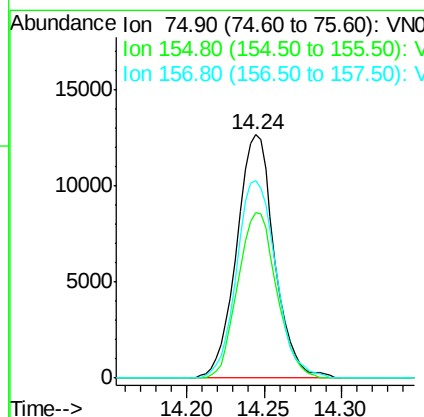
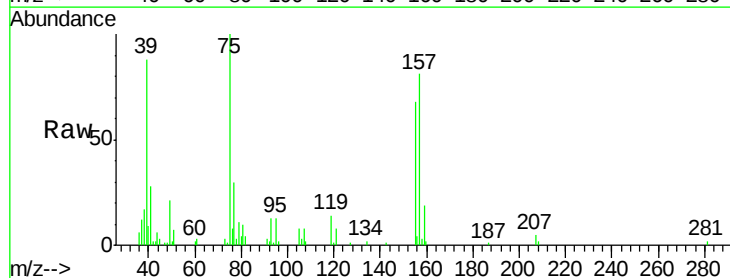
RT: 14.24 min Scan# 3889

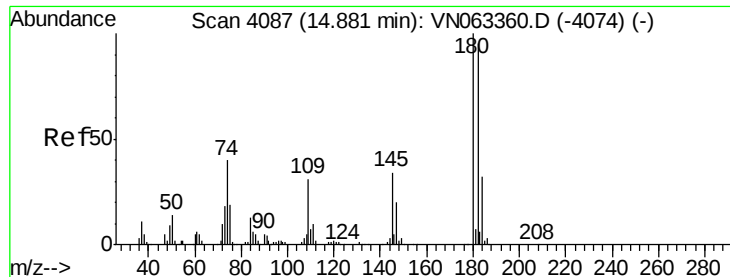
Delta R.T. 0.00 min

Lab File: VN063451.D

Acq: 18 Sep 2020 12:38

Tgt Ion:	75	Resp:	21518
Ion Ratio	Lower	Upper	
75	100		
155	69.6	34.6	103.9
157	84.5	43.7	131.1





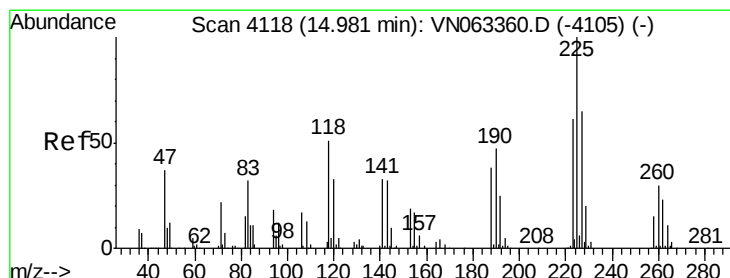
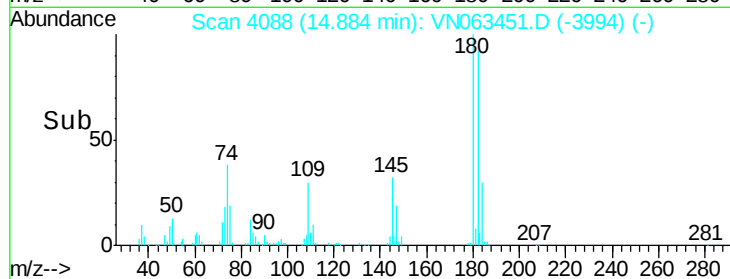
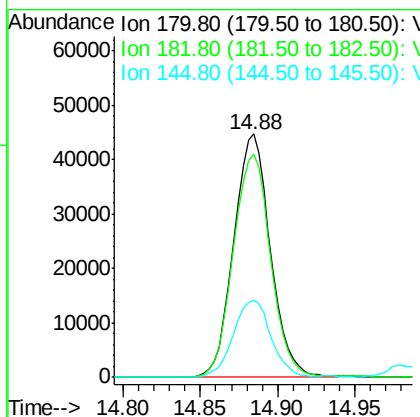
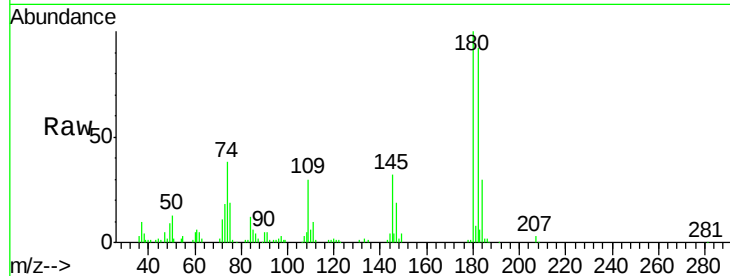
#93
 1,2,4-Trichlorobenzene
 Concen: 18.451 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN063451.D
 Acq: 18 Sep 2020 12:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0918WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	73395		
182	93.9	47.3	142.0	
145	32.5	16.6	49.7	

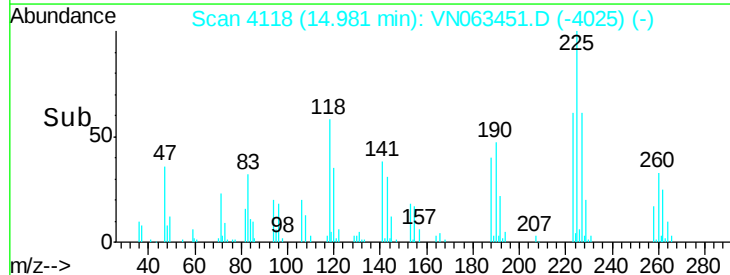
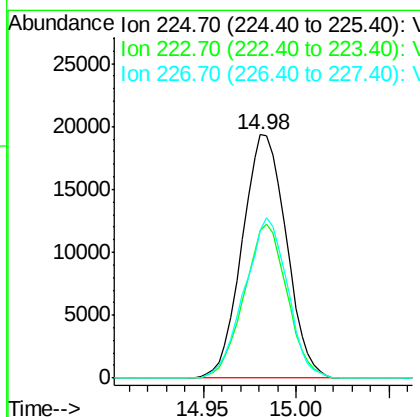
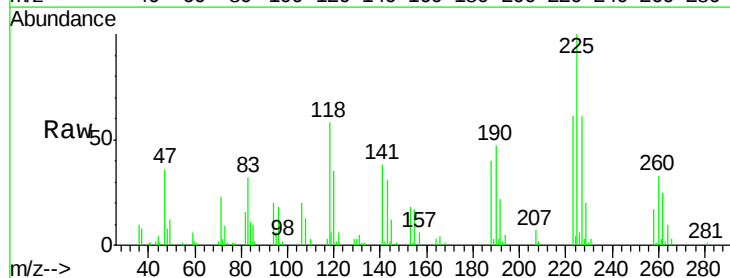
Manual Integrations
 APPROVED

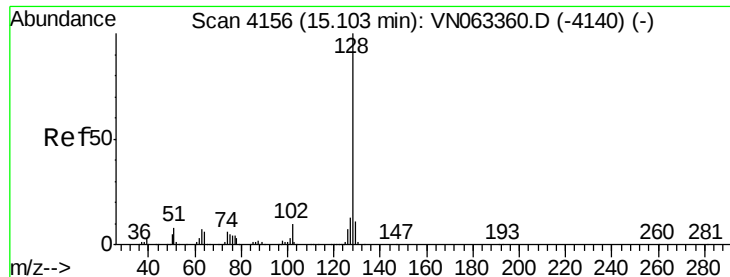
MMDadoda
 9/21/2020 11:49:43 AM



#94
 Hexachlorobutadiene
 Concen: 19.445 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN063451.D
 Acq: 18 Sep 2020 12:38

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	32023		
223	61.4	30.6	91.6	
227	63.9	31.2	93.6	





#95

Naphthalene

Concen: 18.109 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. -0.00 min

Lab File: VN063451.D

Acq: 18 Sep 2020 12:38

Instrument :

MSVOA_N

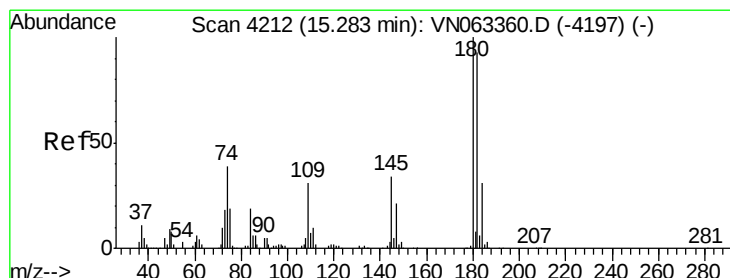
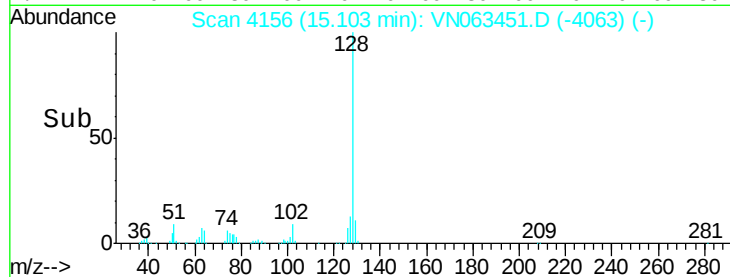
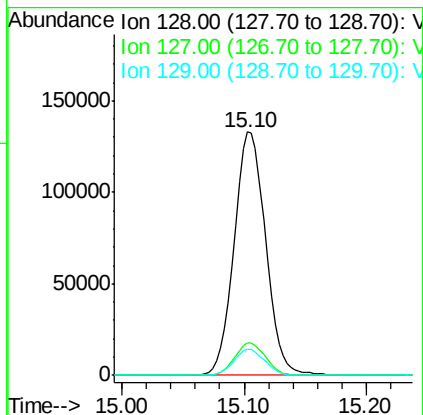
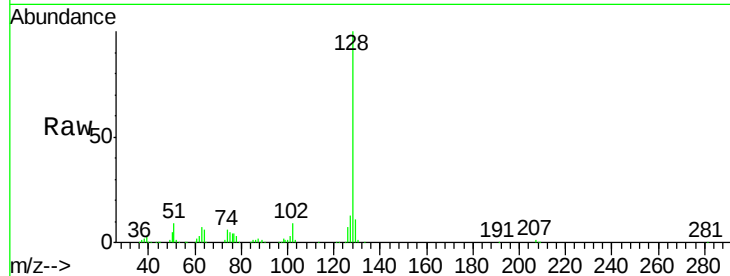
ClientSampleId :

VN0918WBSD01

Tot Ion:	128	Resp:	237991
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.6	15.8
129	10.6	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
9/21/2020 11:49:43 AM



#96

1,2,3-Trichlorobenzene

Concen: 18.187 ug/l

RT: 15.29 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN063451.D

Acq: 18 Sep 2020 12:38

Tgt Ion:	180	Resp:	69903
Ion Ratio	Lower	Upper	
180	100		
182	96.0	46.7	140.1
145	34.2	16.8	50.3

