

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092320\
 Data File : VN063604.D
 Acq On : 23 Sep 2020 21:18
 Operator : JC/MD
 Sample : L4082-16MS
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE131D1-20200916MS

Manual Integrations
 APPROVED

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 9/24/2020 1:38:11 PM

Quant Time: Sep 24 04:27:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	223460	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	386129	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	368203	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	179231	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	196744	51.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.44%	
35) Dibromofluoromethane	7.55	113	136705	51.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.28%	
50) Toluene-d8	10.06	98	508174	50.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.12%	
62) 4-Bromofluorobenzene	12.38	95	197491	53.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	115348	45.563	ug/l	99
3) Chloromethane	2.04	50	151108	45.120	ug/l	98
4) Vinyl Chloride	2.16	62	145762	49.125	ug/l	98
5) Bromomethane	2.52	94	90217	51.209	ug/l	97
6) Chloroethane	2.67	64	93655	51.420	ug/l	99
7) Trichlorofluoromethane	2.98	101	236590	53.443	ug/l	99
8) Diethyl Ether	3.37	74	85414	49.493	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	128026	51.423	ug/l	98
10) Methyl Iodide	3.91	142	161958	49.966	ug/l	99
11) Tert butyl alcohol	4.73	59	128383	243.624	ug/l	98
12) 1,1-Dichloroethene	3.70	96	122077	48.410	ug/l	97
13) Acrolein	3.57	56	68118	348.807	ug/l	100
14) Allyl chloride	4.28	41	233232	46.758	ug/l	97
15) Acrylonitrile	4.93	53	347541	259.273	ug/l	100
16) Acetone	3.78	43	319109	261.029	ug/l	99
17) Carbon Disulfide	4.01	76	325127	44.325	ug/l	99
18) Methyl Acetate	4.28	43	154708	49.850	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	469850	49.992	ug/l	98
20) Methylene Chloride	4.51	84	152866	49.354	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	135695	48.569	ug/l	97
22) Diisopropyl ether	5.90	45	500927	49.241	ug/l	99
23) Vinyl Acetate	5.85	43	1908643	228.450	ug/l	98
24) 1,1-Dichloroethane	5.80	63	277700	50.000	ug/l	99
25) 2-Butanone	6.78	43	491093	261.194	ug/l	99
26) 2,2-Dichloropropane	6.78	77	197176	40.323	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	171386	54.197	ug/l	99
28) Bromochloromethane	7.15	49	134835	52.579	ug/l	100
29) Tetrahydrofuran	7.17	42	322607	251.227	ug/l	99
30) Chloroform	7.33	83	298112	53.500	ug/l	97
31) Cyclohexane	7.61	56	217359	41.374	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	254352	51.321	ug/l	99
36) 1,1-Dichloropropene	7.76	75	198981	48.371	ug/l	98
37) Ethyl Acetate	6.88	43	190997	47.307	ug/l	99
38) Carbon Tetrachloride	7.74	117	214717	51.132	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	193785	43.404	ug/l	100
40) Benzene	8.00	78	590920	50.321	ug/l	98
41) Methacrylonitrile	7.13	41	96639m	53.219	ug/l	
42) 1,2-Dichloroethane	8.09	62	250784	53.105	ug/l	98
43) Isopropyl Acetate	8.13	43	335679	46.498	ug/l	99
44) Trichloroethene	8.80	130	805380	282.767	ug/l	99
45) 1,2-Dichloropropane	9.09	63	165966	51.892	ug/l	98
46) Dibromomethane	9.18	93	112036	53.297	ug/l	99
47) Bromodichloromethane	9.37	83	231954	53.115	ug/l	100
48) Methyl methacrylate	9.17	41	179484	50.603	ug/l	98
49) 1,4-Dioxane	9.17	88	54938	1079.339	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	1087594	269.101	ug/l	99
52) Toluene	10.13	92	375096	53.128	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	240202	49.269	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	246009	47.839	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	152419	54.350	ug/l	97
56) Ethyl methacrylate	10.40	69	225821	51.581	ug/l	97
57) 1,3-Dichloropropane	10.68	76	259433	51.300	ug/l	99
59) 2-Hexanone	10.72	43	796339	271.972	ug/l	99
60) Dibromochloromethane	10.87	129	167679	52.926	ug/l	100
61) 1,2-Dibromoethane	10.98	107	157750	54.144	ug/l	99
64) Tetrachloroethene	10.60	164	173593	69.238	ug/l	97
65) Chlorobenzene	11.41	112	385833	49.365	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	152219	53.130	ug/l	99
67) Ethyl Benzene	11.49	91	728402	49.488	ug/l	100
68) m/p-Xylenes	11.59	106	537404	101.265	ug/l	98
69) o-Xylene	11.92	106	255117	50.464	ug/l	99
70) Stvrene	11.94	104	440482	51.957	ug/l	98
71) Bromoform	12.10	173	112325	52.627	ug/l #	100
73) Isopropylbenzene	12.23	105	689145	47.982	ug/l	100
74) N-amyl acetate	12.04	43	291340	42.852	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	221931	49.905	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	210245m	47.393	ug/l	
77) Bromobenzene	12.50	156	166164	51.432	ug/l	97
78) n-propylbenzene	12.57	91	810180	48.432	ug/l	100
79) 2-Chlorotoluene	12.65	91	491777	49.041	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	591155	49.359	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	72167	44.600	ug/l	96
82) 4-Chlorotoluene	12.75	91	518440	48.932	ug/l	100
83) tert-Butylbenzene	12.97	119	475098	48.064	ug/l	98
84) 1,2,4-Trimethylbenzene	13.02	105	589260	48.710	ug/l	98
85) sec-Butylbenzene	13.15	105	628738	47.519	ug/l	99
86) p-Isopropyltoluene	13.26	119	557410	47.763	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	295160	49.291	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	298634	49.052	ug/l	99
89) n-Butylbenzene	13.59	91	483785	44.974	ug/l	99
90) Hexachloroethane	13.85	117	100627	45.283	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	296008	50.350	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	50918	48.083	ug/l	99
93) 1,2,4-Trichlorobenzene	14.88	180	154595	44.605	ug/l	99

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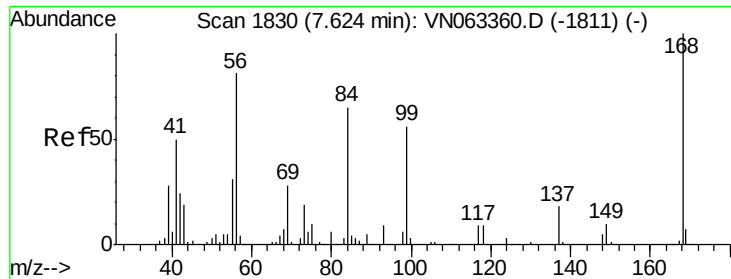
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	14.98	225	72087	50.241	ug/l	99
95) Naphthalene	15.10	128	508801	44.435	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	151570	45.261	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063604.D

Acq: 23 Sep 2020 21:18

Instrument :

MSVOA_N

ClientSampleId :

RE131D1-20200916MS

Tot Ion:168 Resp: 223460

Ion Ratio Lower Upper

168 100

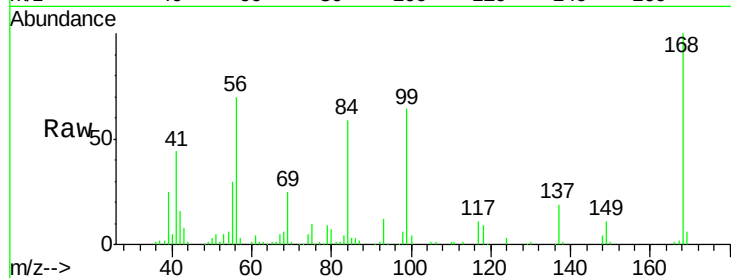
99 63.4 53.0 79.6

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

100000

80000

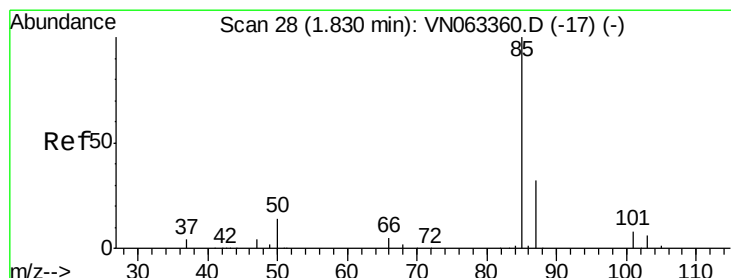
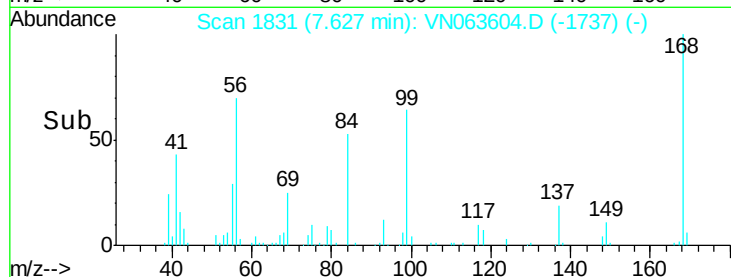
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 45.563 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063604.D

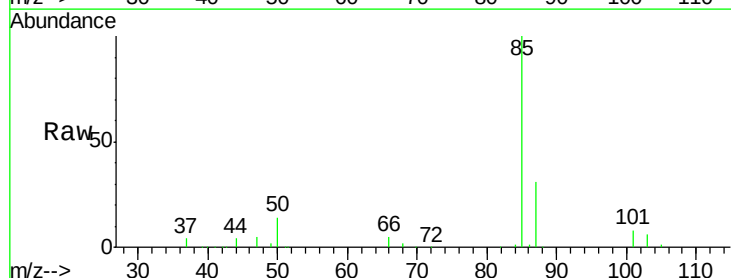
Acq: 23 Sep 2020 21:18

Tgt Ion: 85 Resp: 115348

Ion Ratio Lower Upper

85 100

87 30.9 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

100000

80000

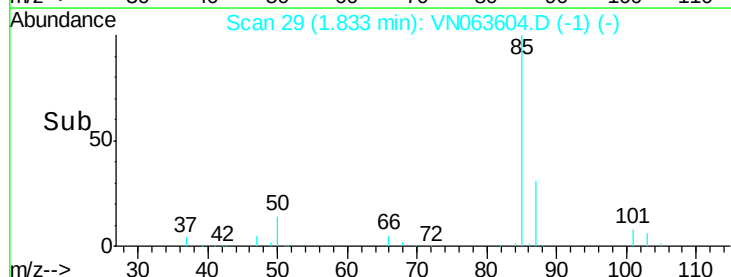
60000

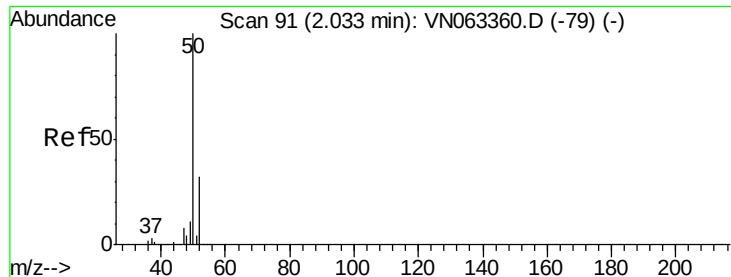
40000

20000

0

Time--> 1.75 1.80 1.85 1.90





#3

Chloromethane

Concen: 45.120 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063604.D

Acq: 23 Sep 2020 21:18

Instrument :

MSVOA_N

ClientSampleId :

RE131D1-20200916MS

Tot Ion: 50 Resp: 151108

Ion Ratio Lower Upper

50 100

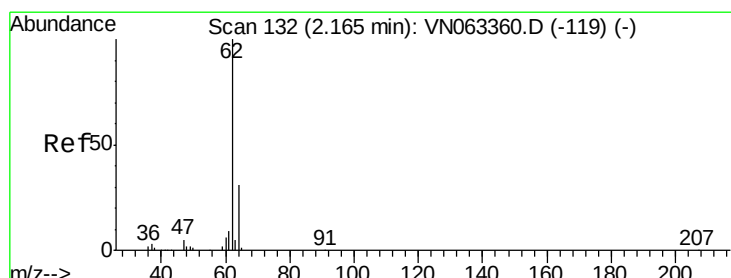
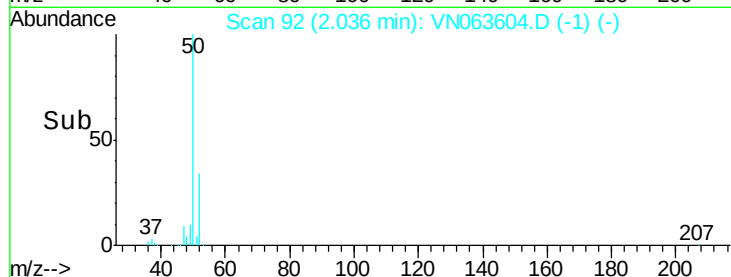
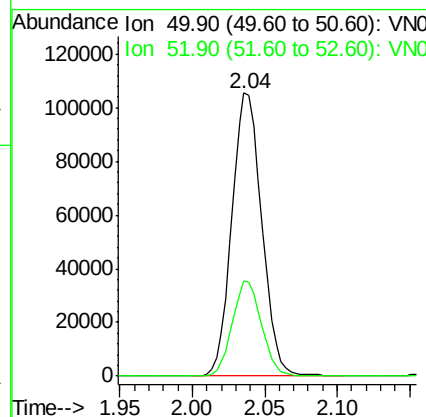
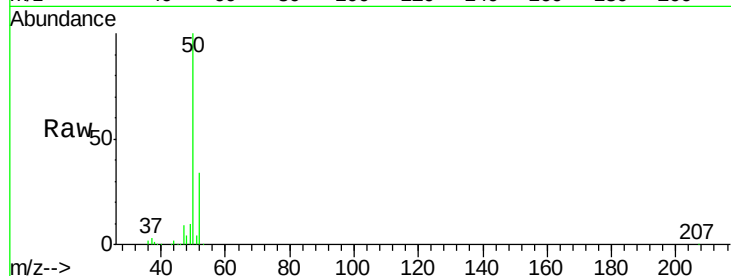
52 33.6 25.9 38.9

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#4

Vinyl Chloride

Concen: 49.125 ug/l

RT: 2.16 min Scan# 132

Delta R.T. -0.00 min

Lab File: VN063604.D

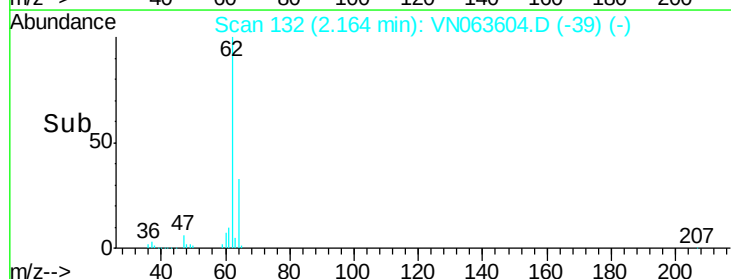
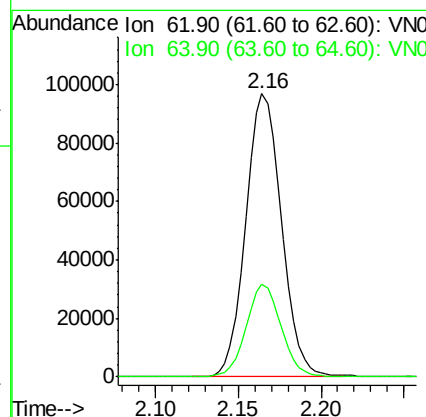
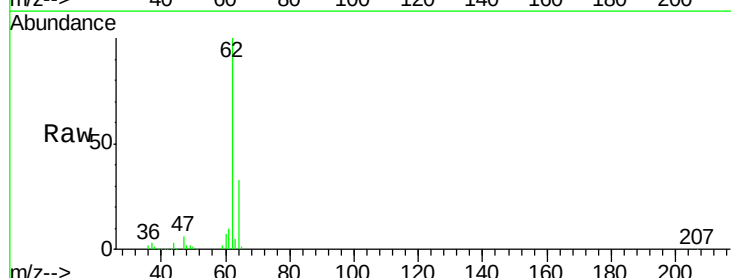
Acq: 23 Sep 2020 21:18

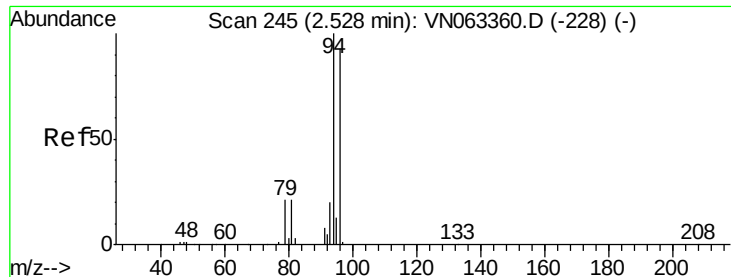
Tgt Ion: 62 Resp: 145762

Ion Ratio Lower Upper

62 100

64 32.5 25.1 37.7





#5

Bromomethane

Concen: 51.209 ug/l

RT: 2.52 min Scan# 243

Delta R.T. -0.01 min

Lab File: VN063604.D

Acq: 23 Sep 2020 21:18

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 90217

Ion Ratio Lower Upper

94 100

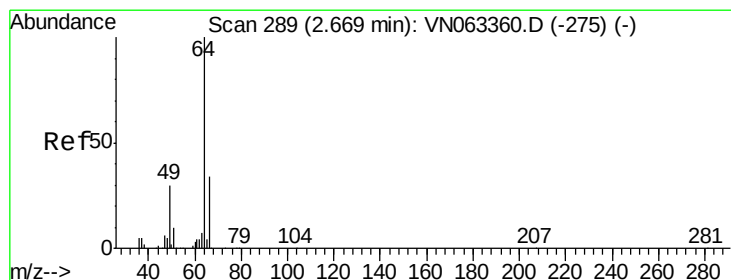
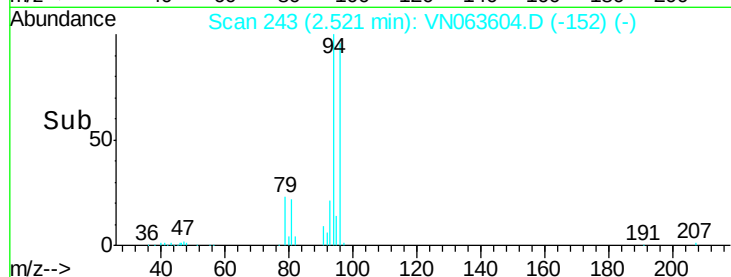
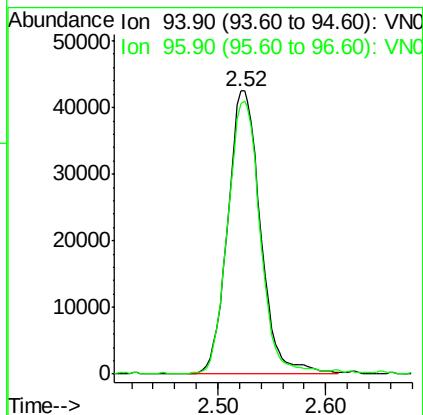
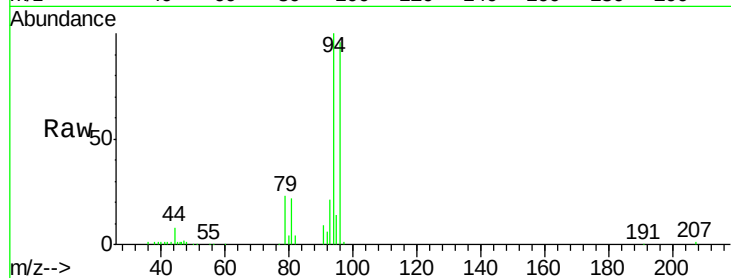
96 95.7 74.5 111.7

Manual Integrations

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#6

Chloroethane

Concen: 51.420 ug/l

RT: 2.67 min Scan# 289

Delta R.T. -0.00 min

Lab File: VN063604.D

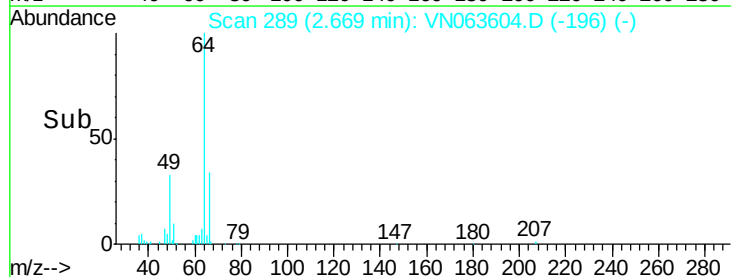
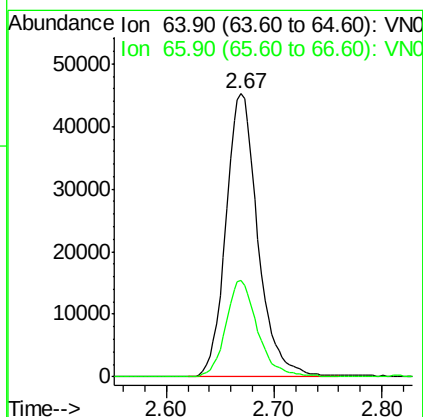
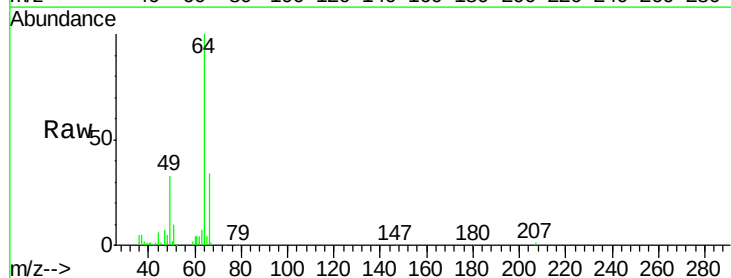
Acq: 23 Sep 2020 21:18

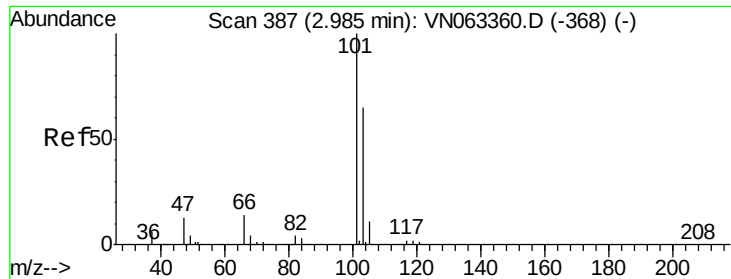
Tgt Ion: 64 Resp: 93655

Ion Ratio Lower Upper

64 100

66 33.9 26.9 40.3





#7

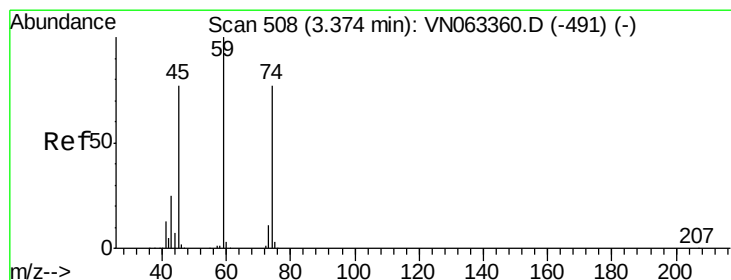
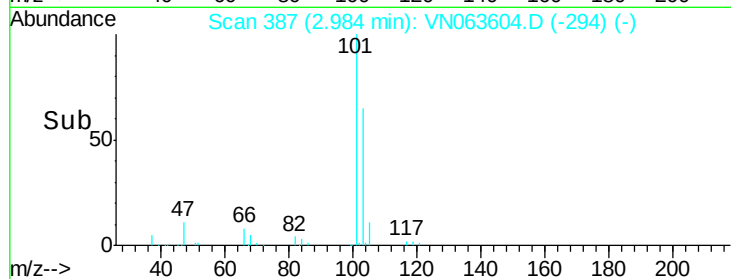
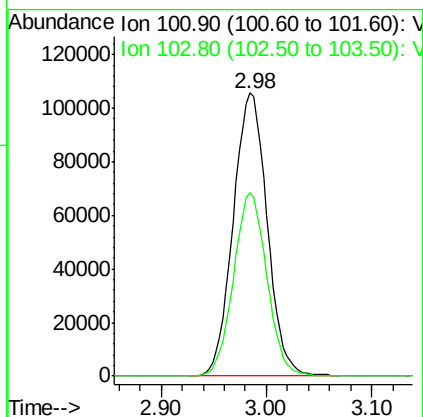
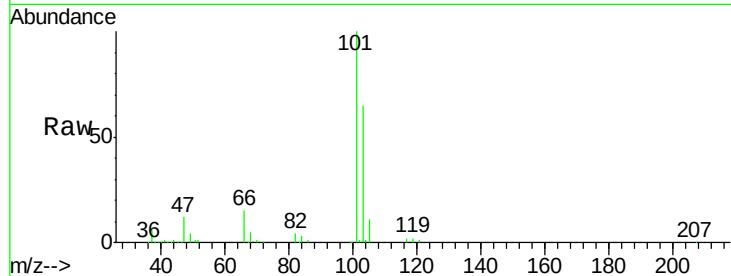
Trichlorofluoromethane
 Concen: 53.443 ug/l
 RT: 2.98 min Scan# 387
 Delta R.T. -0.00 min
 Lab File: VN063604.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.7	52.3	78.5

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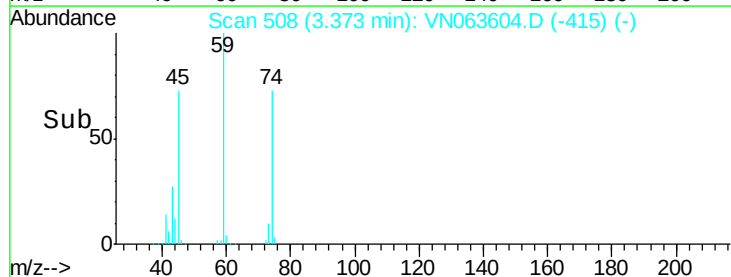
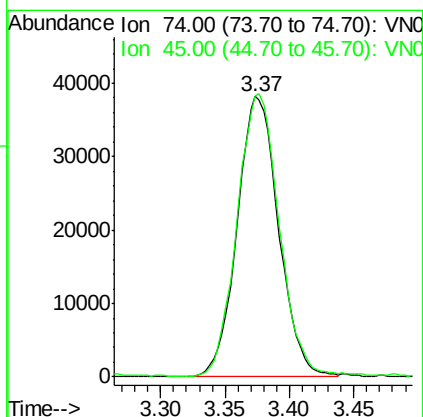
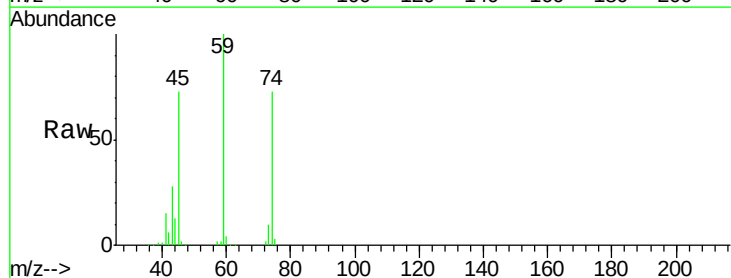
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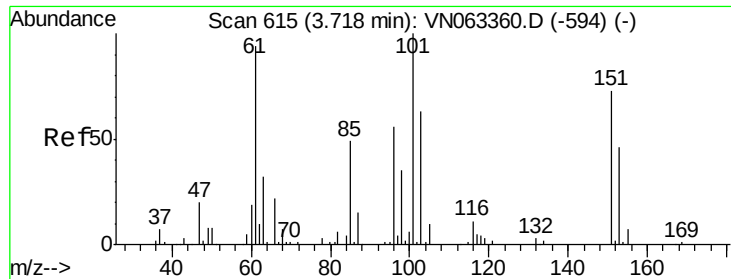


#8

Diethyl Ether
 Concen: 49.493 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN063604.D
 Acq: 23 Sep 2020 21:18

Tgt Ion	Ratio	Lower	Upper
74	100		
45	103.4	52.1	156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.423 ug/l

RT: 3.72 min Scan# 617

Delta R.T. 0.01 min

Lab File: VN063604.D

Acq: 23 Sep 2020 21:18

Instrument :

MSVOA_N

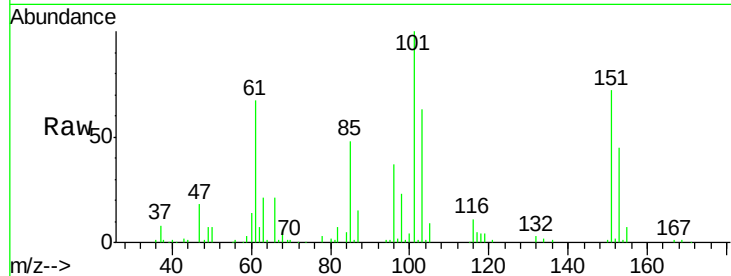
ClientSampleId :

RE131D1-20200916MS

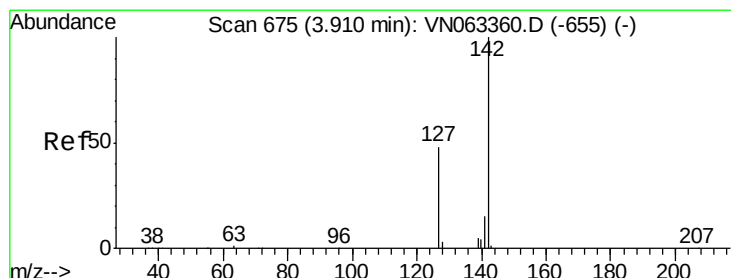
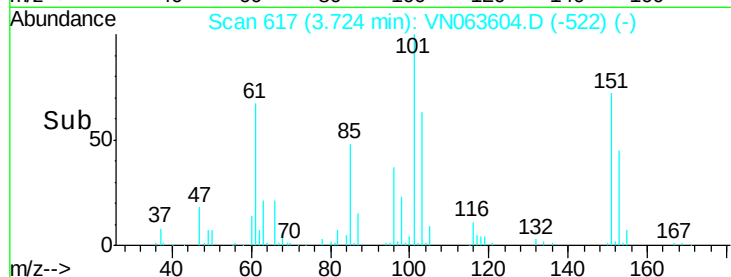
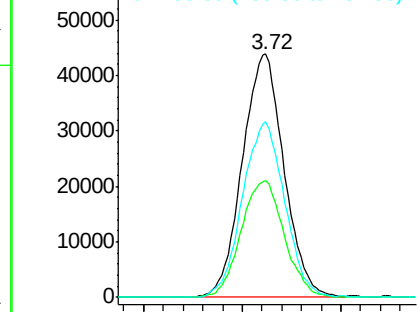
Tot Ion:	101	Resp:	128026
Ion Ratio	Lower	Upper	
101	100		
85	49.6	37.7	56.5
151	73.0	57.7	86.5

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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 49.966 ug/l

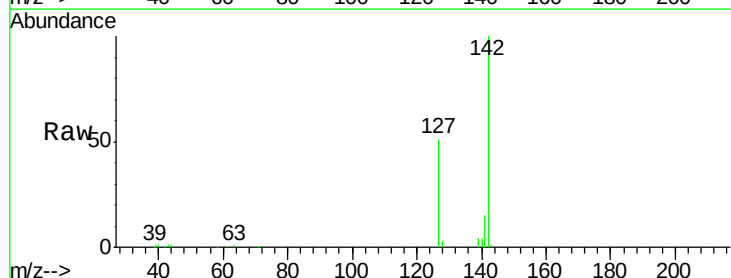
RT: 3.91 min Scan# 676

Delta R.T. 0.00 min

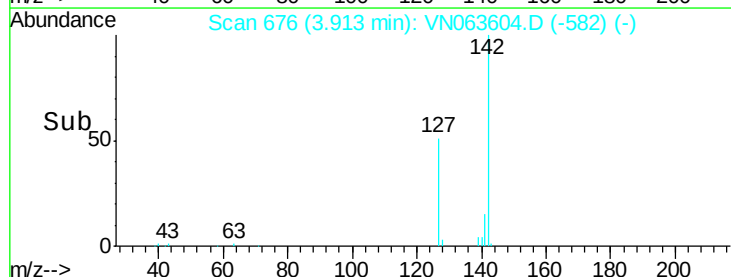
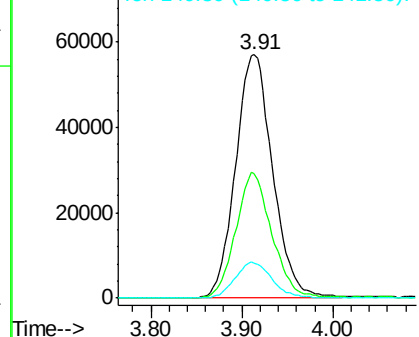
Lab File: VN063604.D

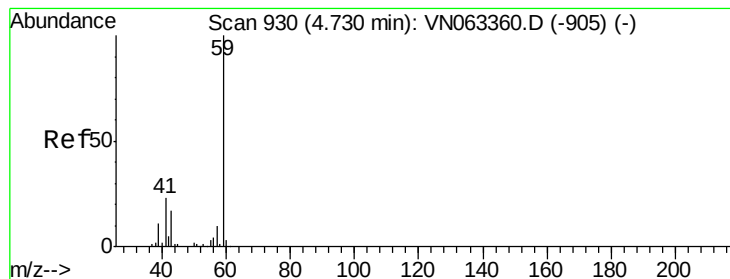
Acq: 23 Sep 2020 21:18

Tgt Ion:	142	Resp:	161958
Ion Ratio	Lower	Upper	
142	100		
127	50.0	39.0	58.6
141	14.7	11.6	17.4



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

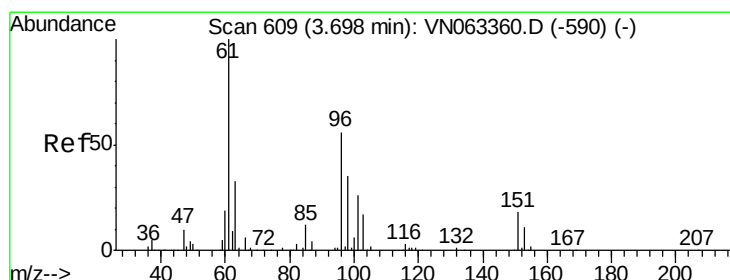
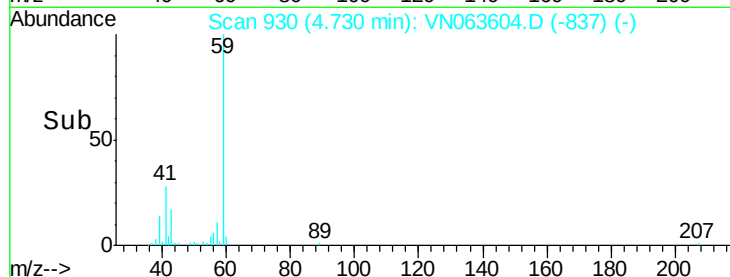
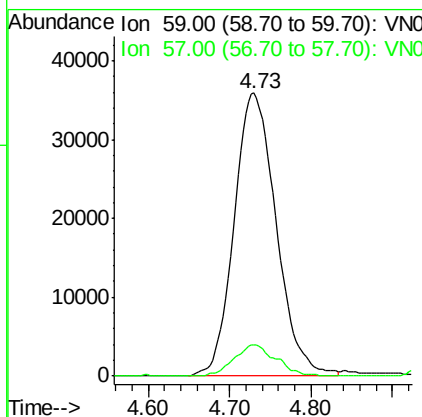
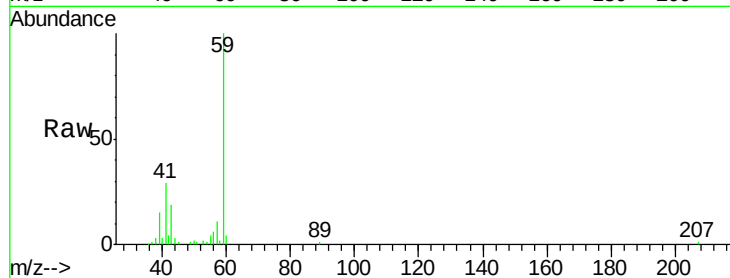
Tert butyl alcohol
Concen: 243.624 ug/l
RT: 4.73 min Scan# 930
Delta R.T. -0.00 min
Lab File: VN063604.D
Acq: 23 Sep 2020 21:18

Instrument :
MSVOA_N
ClientSampleId :
RE131D1-20200916MS

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.2	8.4	12.6

Manual Integrations
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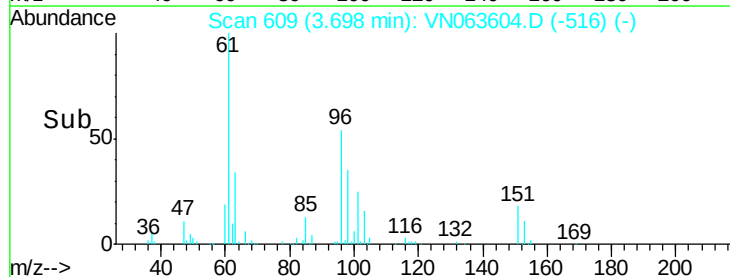
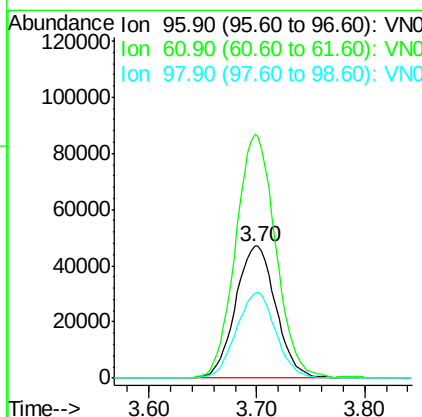
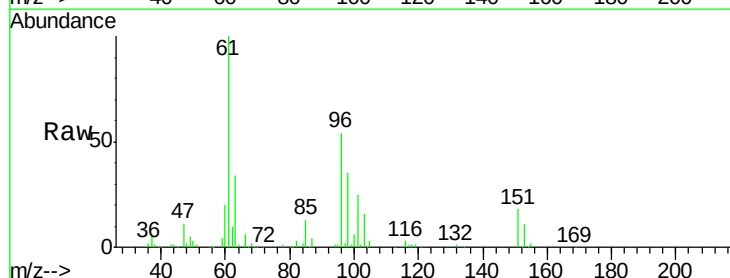
MMDadoda
9/24/2020 1:38:11 PM

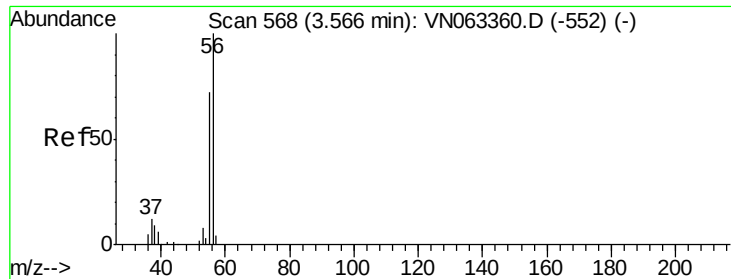


#12

1,1-Dichloroethene
Concen: 48.410 ug/l
RT: 3.70 min Scan# 609
Delta R.T. -0.00 min
Lab File: VN063604.D
Acq: 23 Sep 2020 21:18

Tgt Ion	Ratio	Lower	Upper
96	100		
61	184.5	143.4	215.2
98	64.5	50.6	76.0





#13

Acrolein

Concen: 348.807 ug/l

RT: 3.57 min Scan# 569

Delta R.T. 0.00 min

Lab File: VN063604.D

Acq: 23 Sep 2020 21:18

Instrument :

MSVOA_N

ClientSampleId :

RE131D1-20200916MS

Tot Ion: 56 Resp: 68118

Ion Ratio Lower Upper

56 100

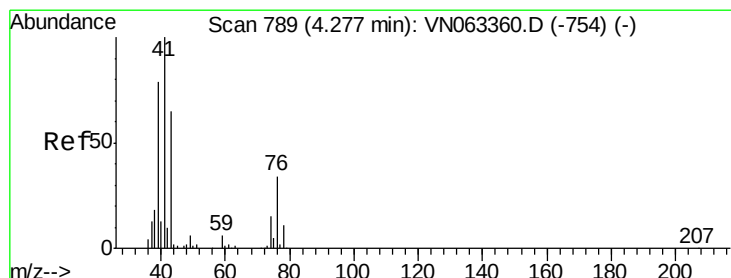
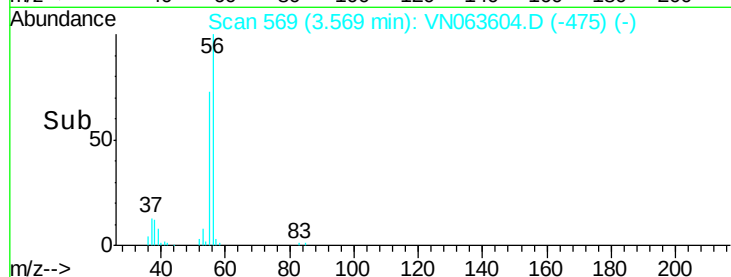
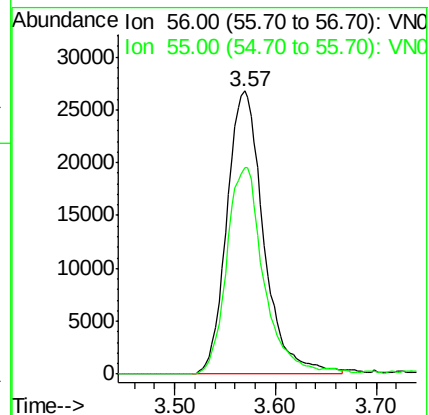
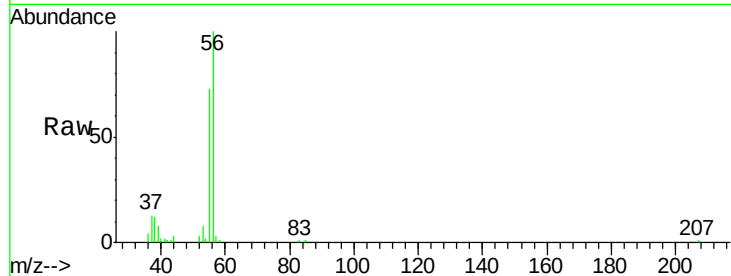
55 72.8 58.2 87.2

Manual Integrations

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#14

Allyl chloride

Concen: 46.758 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063604.D

Acq: 23 Sep 2020 21:18

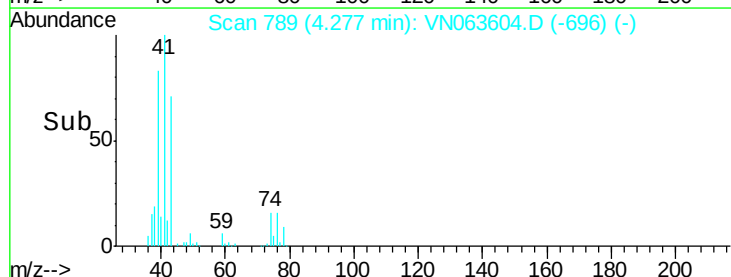
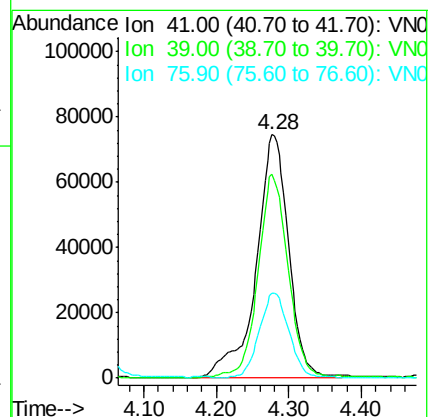
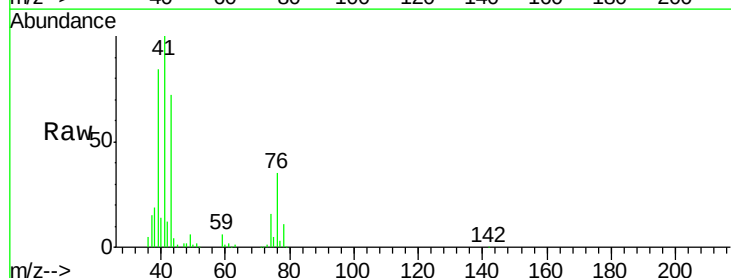
Tgt Ion: 41 Resp: 233232

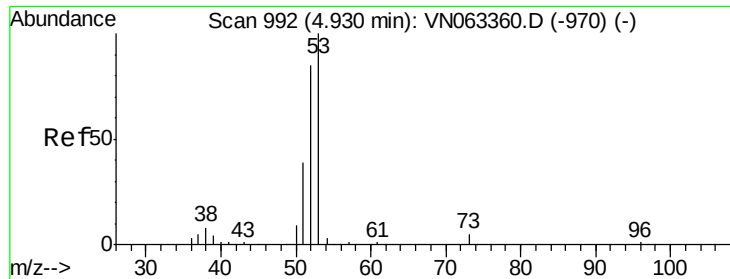
Ion Ratio Lower Upper

41 100

39 77.5 59.3 88.9

76 31.8 25.3 37.9





#15

Acrylonitrile

Concen: 259.273 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN063604.D

Acq: 23 Sep 2020 21:18

Instrument :

MSVOA_N

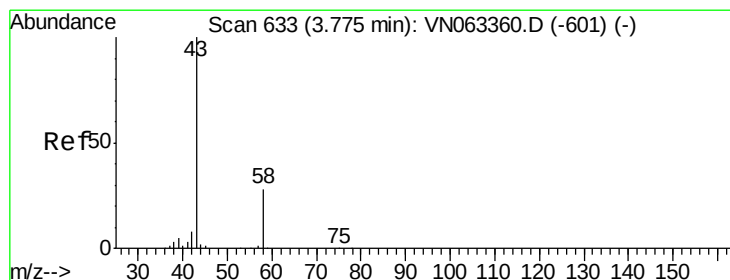
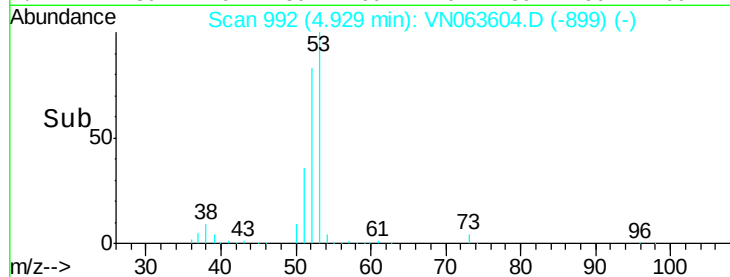
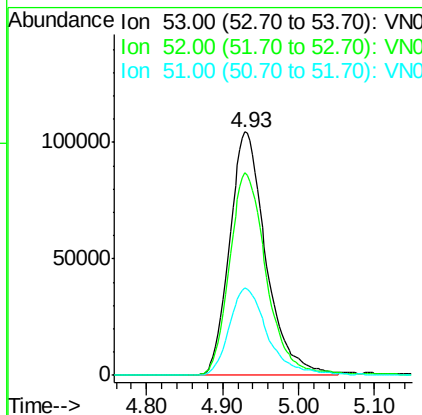
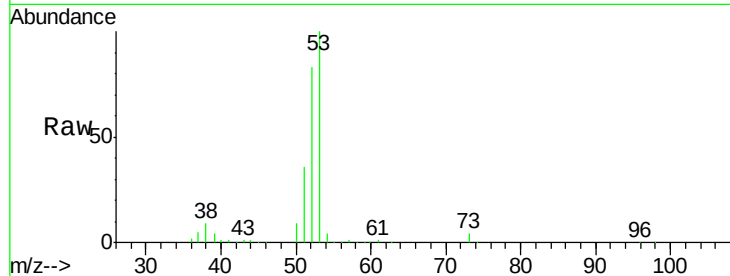
ClientSampleId :

RE131D1-20200916MS

Tot Ion:	53	Resp:	347541
Ion Ratio	Lower	Upper	
53	100		
52	83.3	66.4	99.6
51	37.9	30.2	45.4

Manual Integrations
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#16

Acetone

Concen: 261.029 ug/l

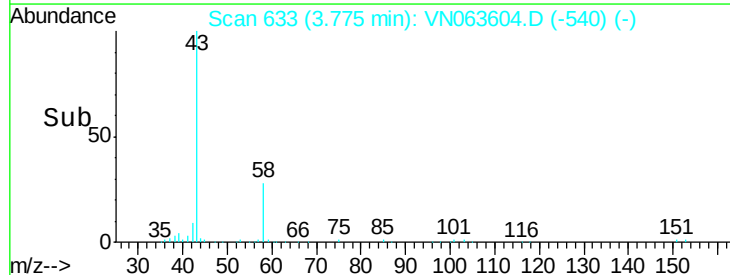
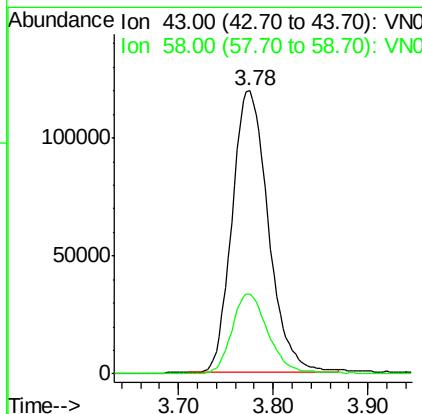
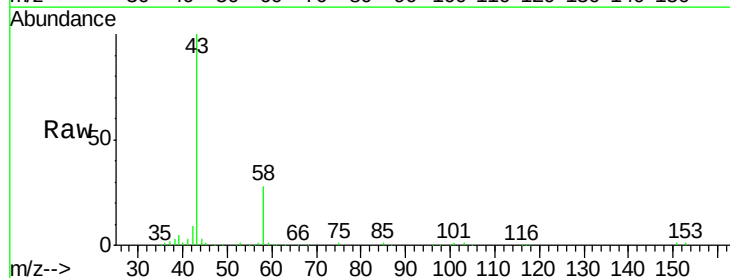
RT: 3.78 min Scan# 633

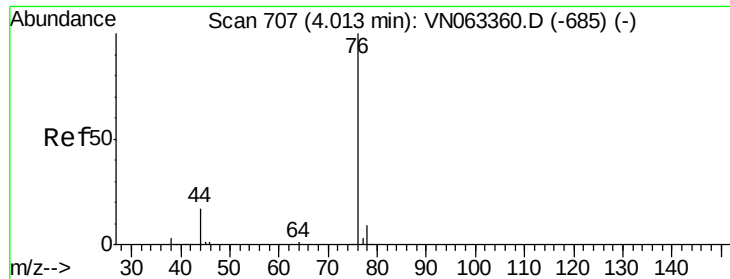
Delta R.T. -0.00 min

Lab File: VN063604.D

Acq: 23 Sep 2020 21:18

Tgt Ion:	43	Resp:	319109
Ion Ratio	Lower	Upper	
43	100		
58	28.6	22.3	33.5





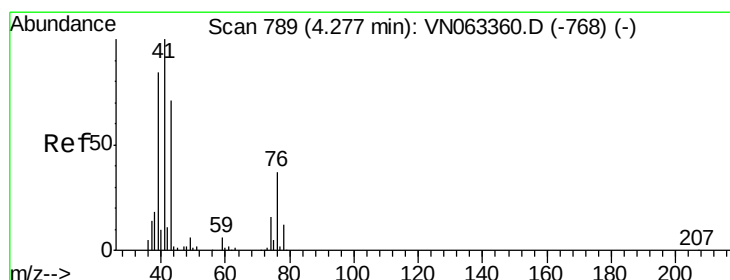
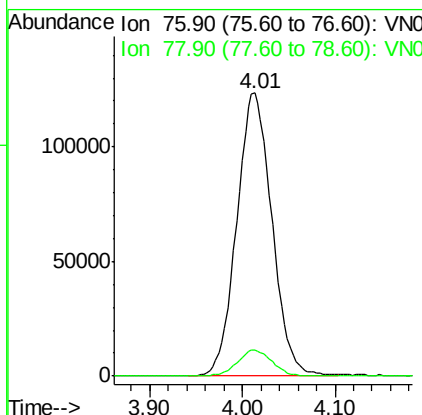
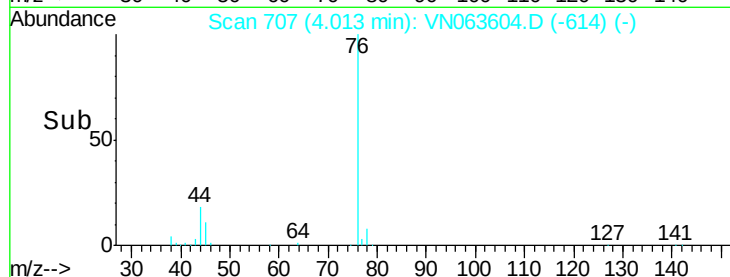
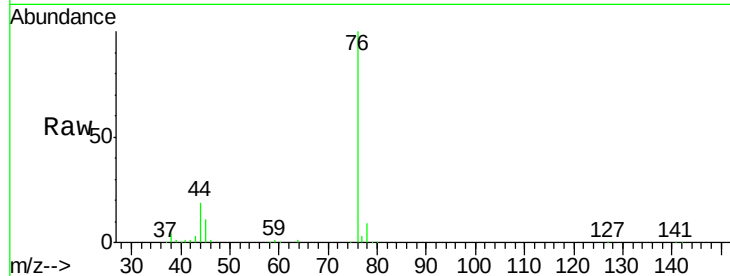
#17
Carbon Disulfide
Concen: 44.325 ug/l
RT: 4.01 min Scan# 707
Delta R.T. -0.00 min
Lab File: VN063604.D
Acq: 23 Sep 2020 21:18

Instrument :
MSVOA_N
ClientSampleId :
RE131D1-20200916MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.2	10.8

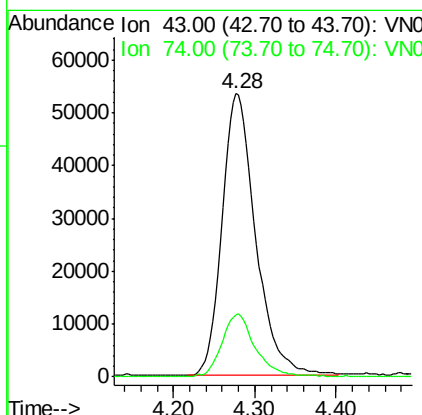
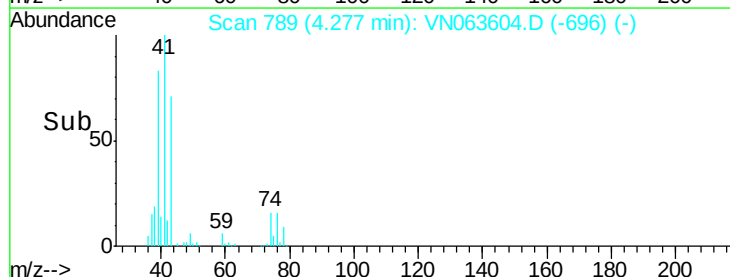
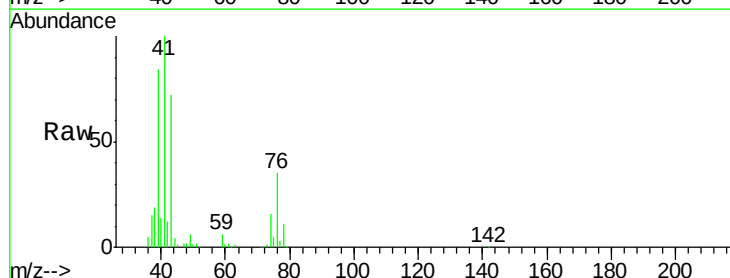
Manual Integrations
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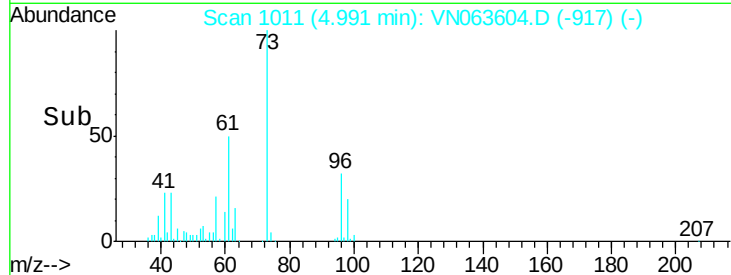
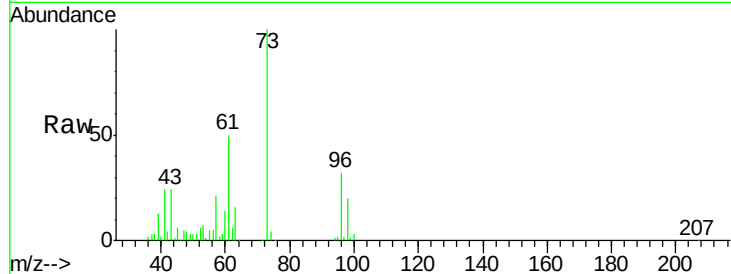
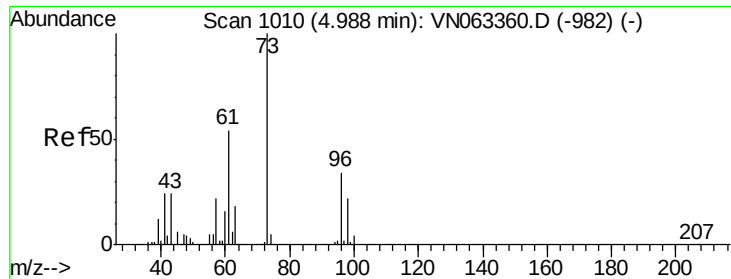
MMDadoda
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#18
Methyl Acetate
Concen: 49.850 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN063604.D
Acq: 23 Sep 2020 21:18

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.1	17.4	26.2





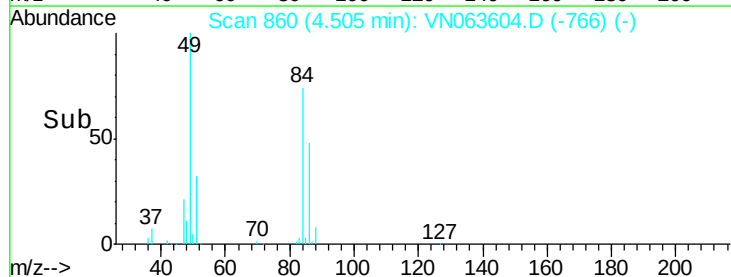
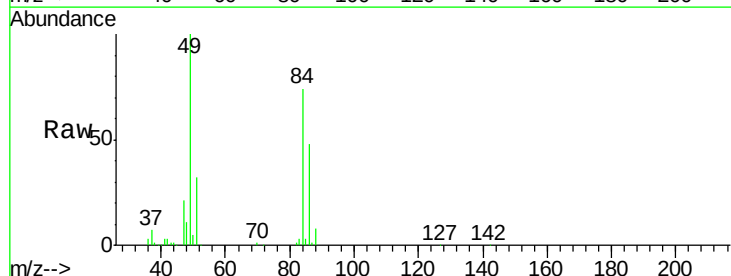
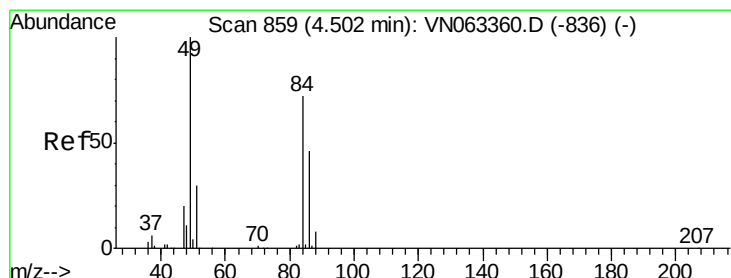
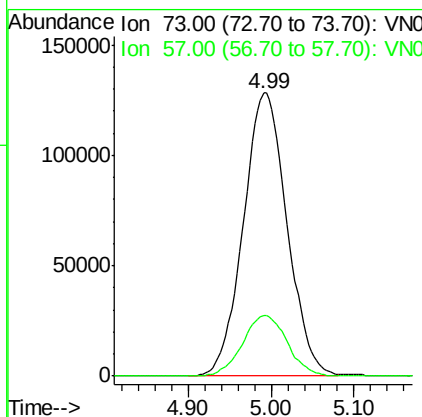
#19
Methyl tert-butyl Ether
Concen: 49.992 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN063604.D
Acq: 23 Sep 2020 21:18

Tot Ion: 73 Resp: 469850
Ion Ratio Lower Upper
73 100
57 21.4 17.9 26.9

Instrument :
MSVOA_N
ClientSampleId :
RE131D1-20200916MS

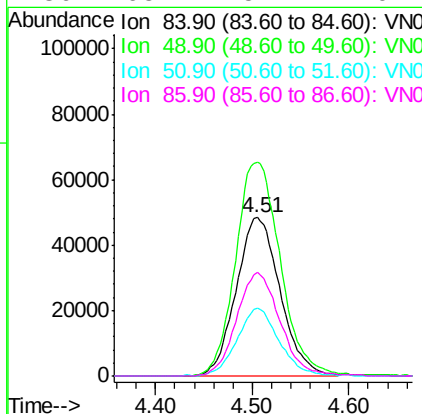
Manual Integrations
APPROVED

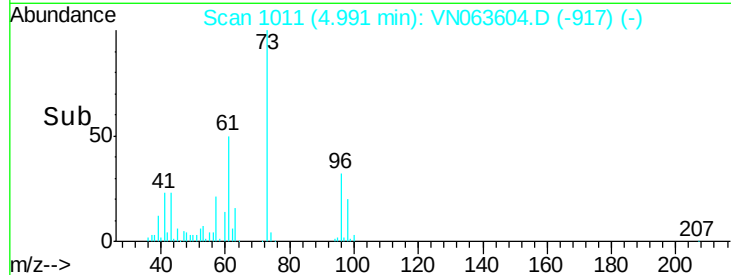
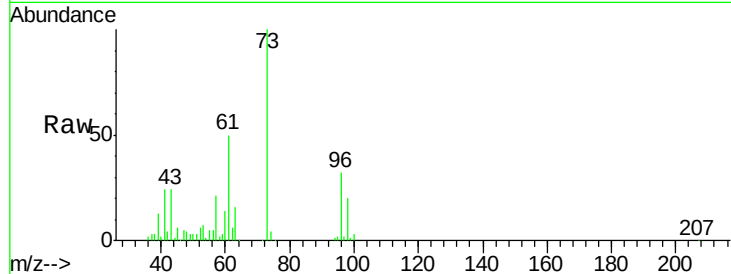
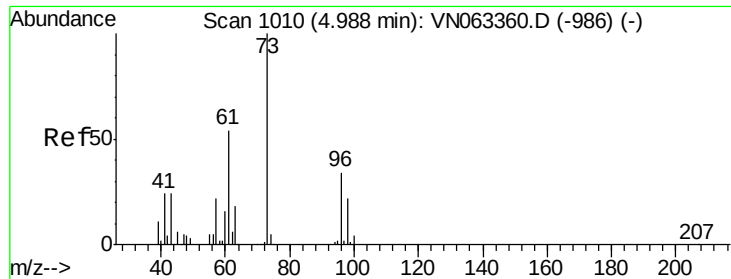
MMDadoda
9/24/2020 1:38:11 PM



#20
Methylene Chloride
Concen: 49.354 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN063604.D
Acq: 23 Sep 2020 21:18

Tgt Ion: 84 Resp: 152866
Ion Ratio Lower Upper
84 100
49 135.0 110.7 166.1
51 42.7 32.9 49.3
86 65.4 51.1 76.7





#21

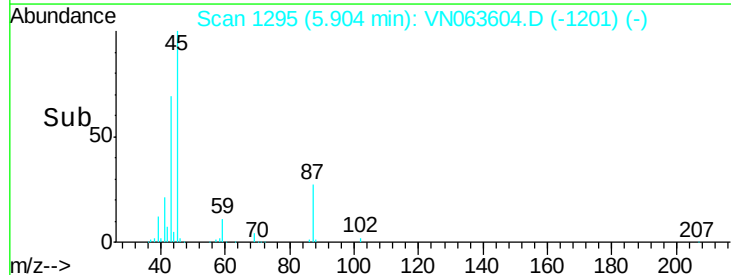
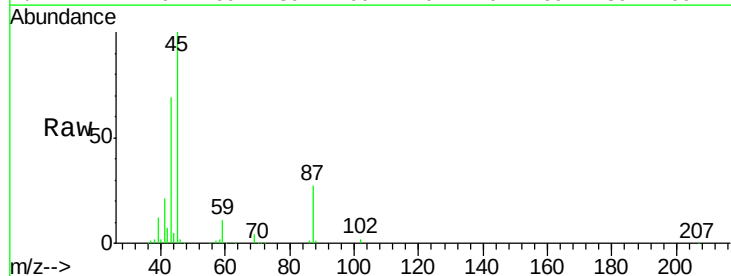
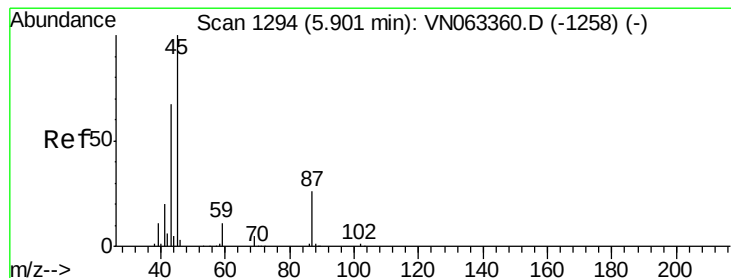
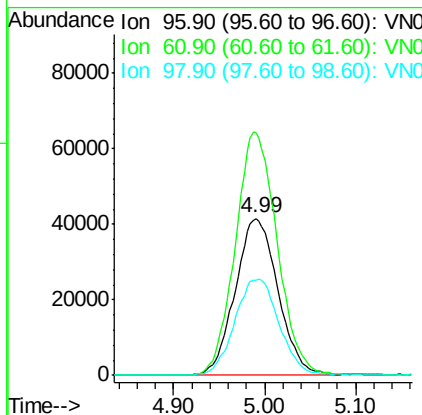
trans-1,2-Dichloroethene
Concen: 48.569 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN063604.D
Acq: 23 Sep 2020 21:18

Tot Ion	Ratio	Lower	Upper
96	100		
61	154.9	126.2	189.4
98	61.0	51.0	76.4

Instrument :
MSVOA_N
ClientSampleId :
RE131D1-20200916MS

Manual Integrations
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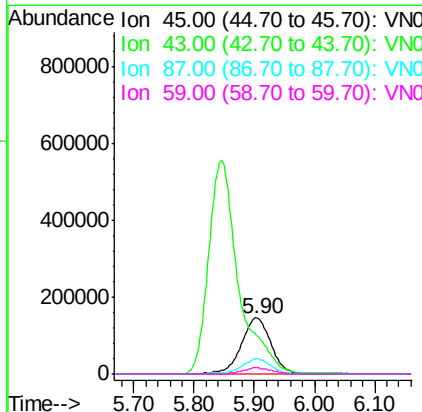
MMDadoda
9/24/2020 1:38:11 PM

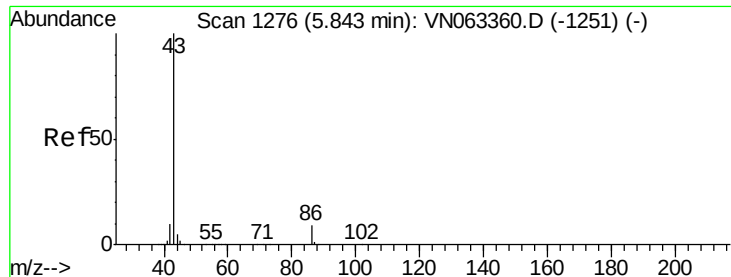


#22

Diisopropyl ether
Concen: 49.241 ug/l
RT: 5.90 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VN063604.D
Acq: 23 Sep 2020 21:18

Tgt Ion	Ratio	Lower	Upper
45	100		
43	67.5	53.5	80.3
87	27.0	21.2	31.8
59	11.0	8.8	13.2





#23

Vinyl Acetate

Concen: 228.450 ug/l

RT: 5.85 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VN063604.D

Acq: 23 Sep 2020 21:18

Instrument :

MSVOA_N

ClientSampleId :

RE131D1-20200916MS

Tot Ion: 43 Resp: 1908643

Ion Ratio Lower Upper

43 100

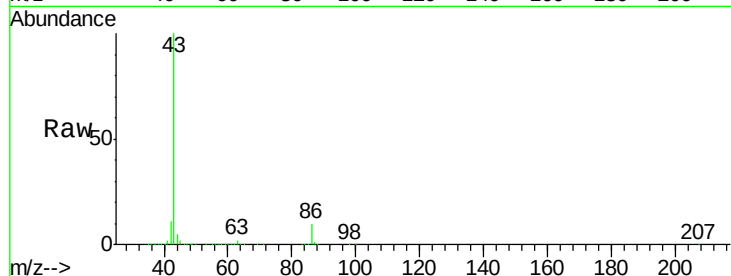
86 9.5 7.1 10.7

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.85

600000

500000

400000

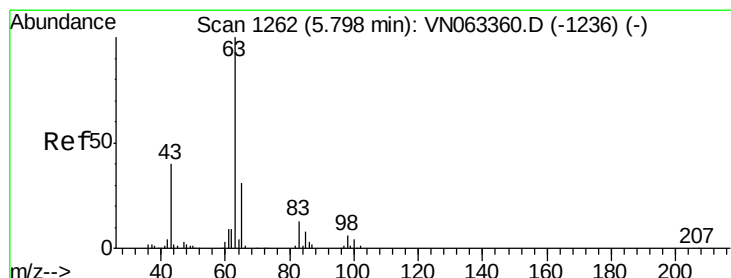
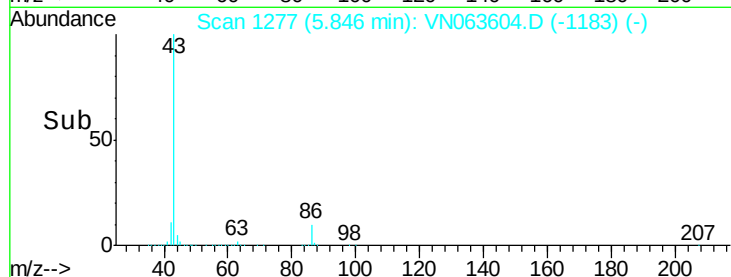
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 50.000 ug/l

RT: 5.80 min Scan# 1263

Delta R.T. 0.00 min

Lab File: VN063604.D

Acq: 23 Sep 2020 21:18

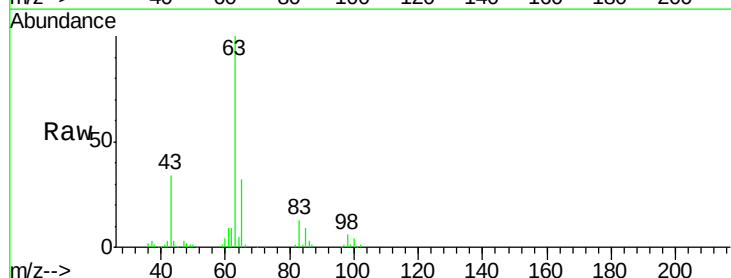
Tgt Ion: 63 Resp: 277700

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

120000

100000

80000

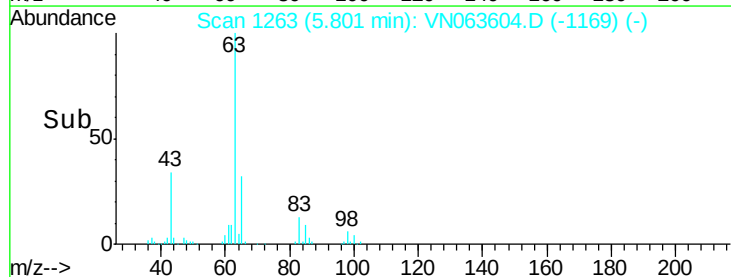
60000

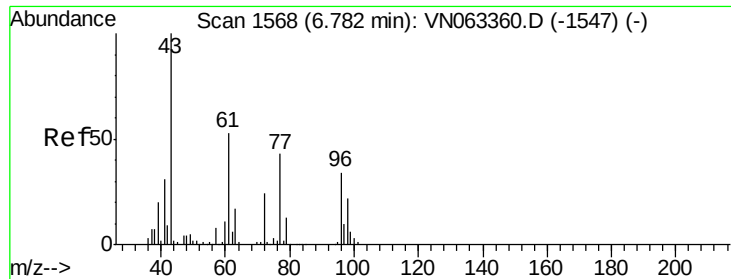
40000

20000

0

Time-->





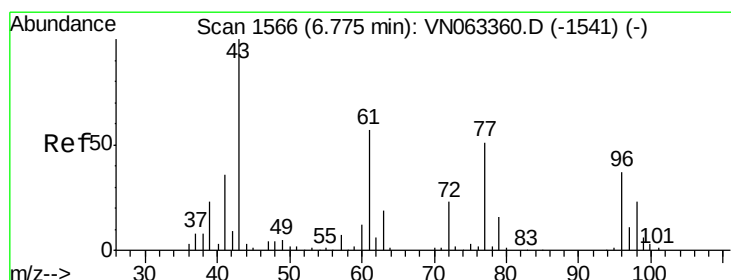
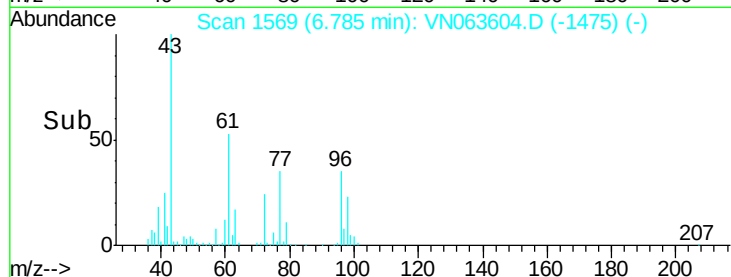
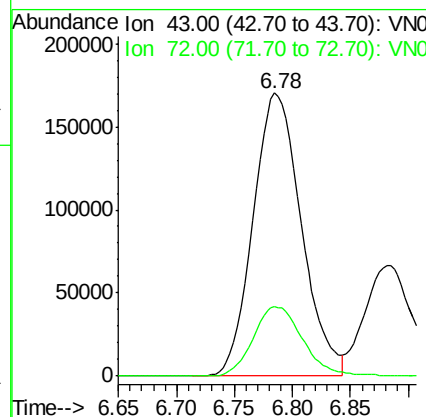
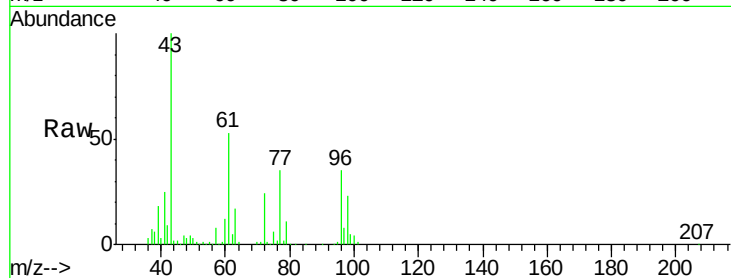
#25
2-Butanone
Concen: 261.194 ug/l
RT: 6.78 min Scan# 1569
Delta R.T. 0.00 min
Lab File: VN063604.D
Acq: 23 Sep 2020 21:18

Instrument :
MSVOA_N
ClientSampleId :
RE131D1-20200916MS

Tot Ion: 43 Resp: 491093
Ion Ratio Lower Upper
43 100
72 24.4 19.2 28.8

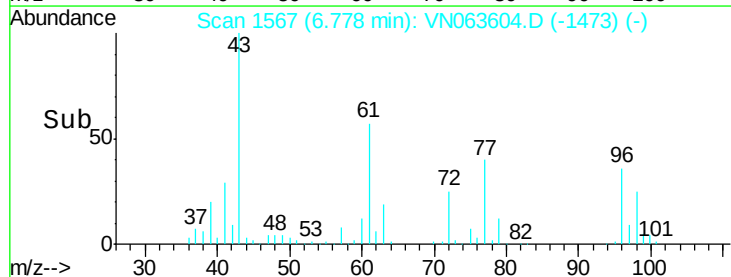
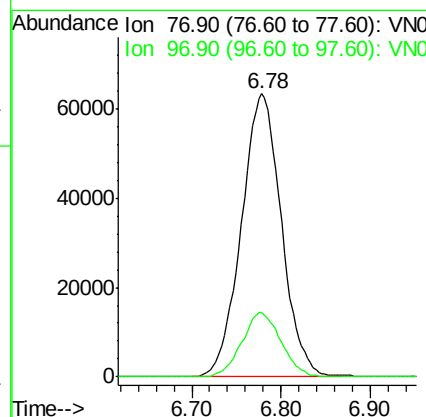
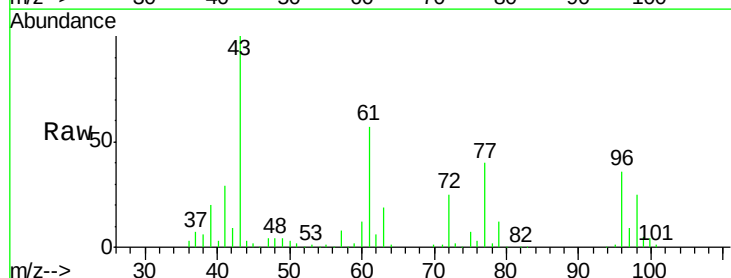
Manual Integrations
APPROVED

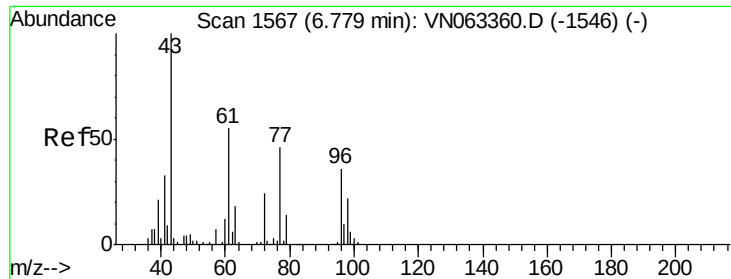
MMDadoda
9/24/2020 1:38:11 PM



#26
2,2-Dichloropropane
Concen: 40.323 ug/l
RT: 6.78 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VN063604.D
Acq: 23 Sep 2020 21:18

Tgt Ion: 77 Resp: 197176
Ion Ratio Lower Upper
77 100
97 22.3 10.5 31.6





#27

cis-1,2-Dichloroethene

Concen: 54.197 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.01 min

Lab File: VN063604.D

Acq: 23 Sep 2020 21:18

Instrument :

MSVOA_N

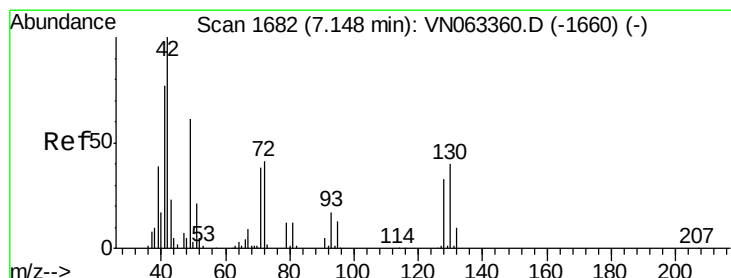
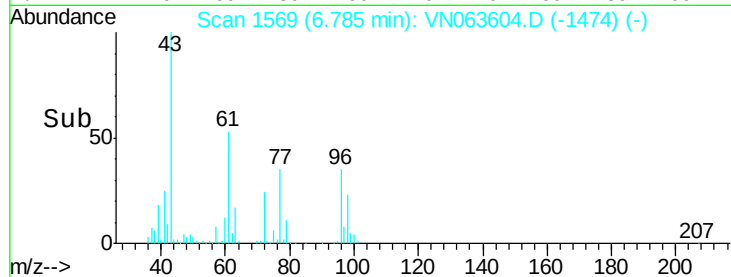
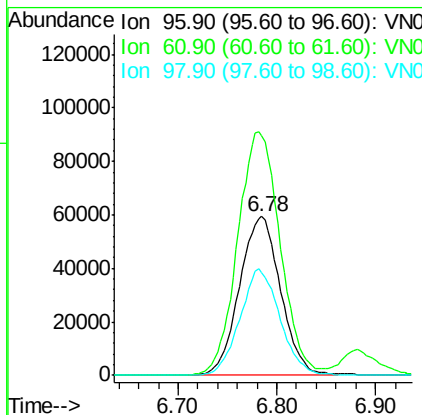
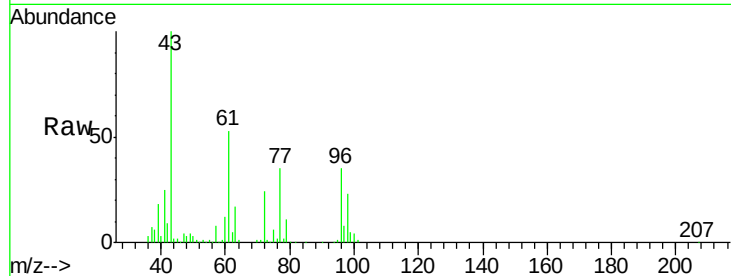
ClientSampleId :

RE131D1-20200916MS

Tot Ion:	96	Resp:	171386
Ion	Ratio	Lower	Upper
96	100		
61	158.2	0.0	319.6
98	65.1	0.0	127.8

Manual Integrations
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#28

Bromochloromethane

Concen: 52.579 ug/l

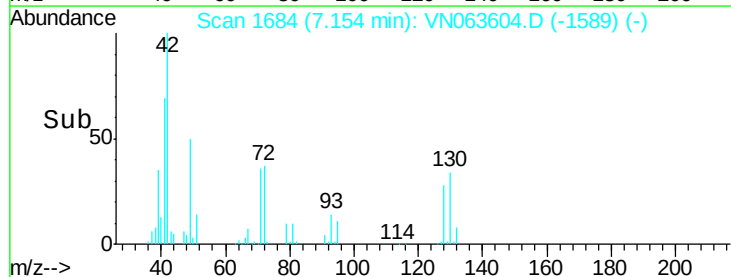
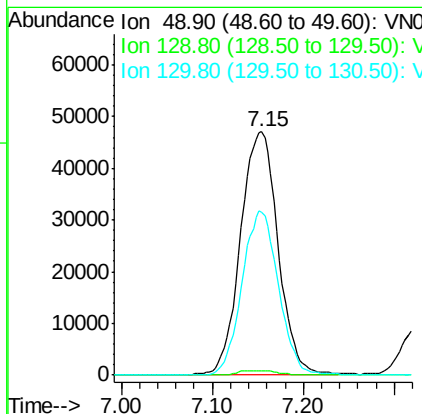
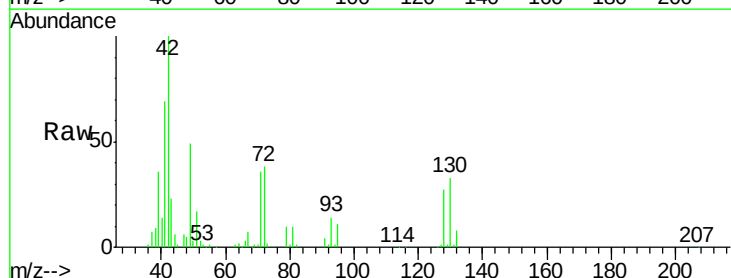
RT: 7.15 min Scan# 1684

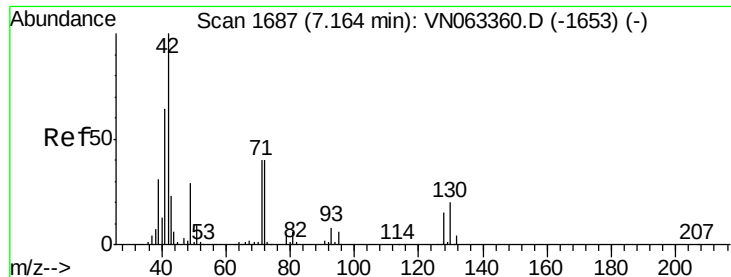
Delta R.T. 0.01 min

Lab File: VN063604.D

Acq: 23 Sep 2020 21:18

Tgt Ion:	49	Resp:	134835
Ion	Ratio	Lower	Upper
49	100		
129	1.2	0.0	3.8
130	65.5	52.2	78.2





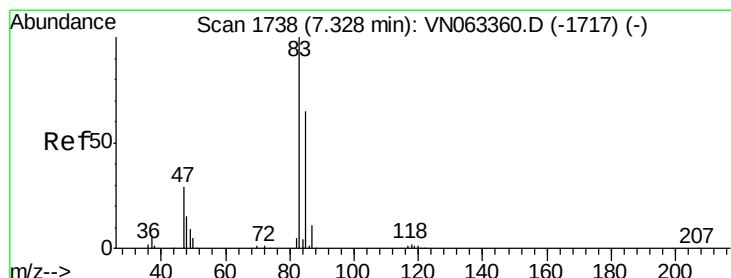
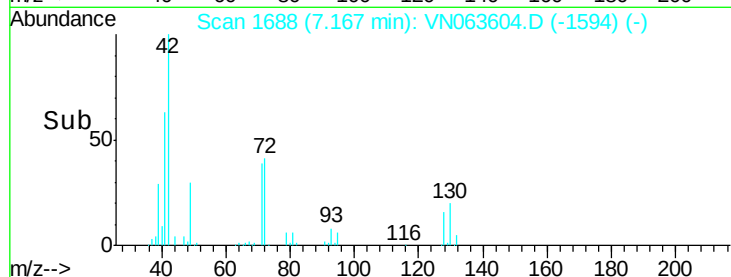
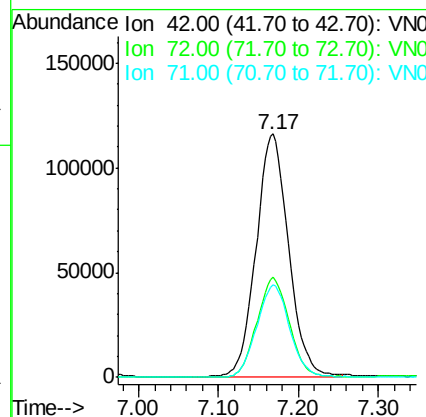
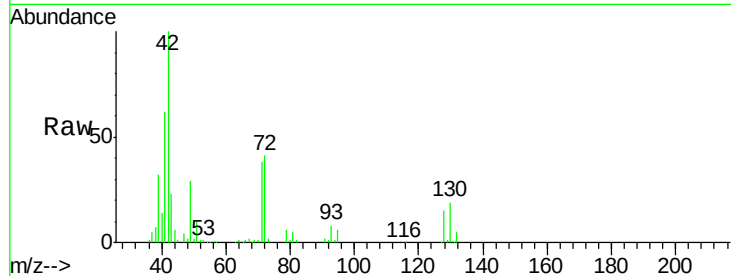
#29
Tetrahydrofuran
Concen: 251.227 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VN063604.D
Acq: 23 Sep 2020 21:18

Instrument :
MSVOA_N
ClientSampleId :
RE131D1-20200916MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.0	32.1	48.1
71	38.4	31.2	46.8

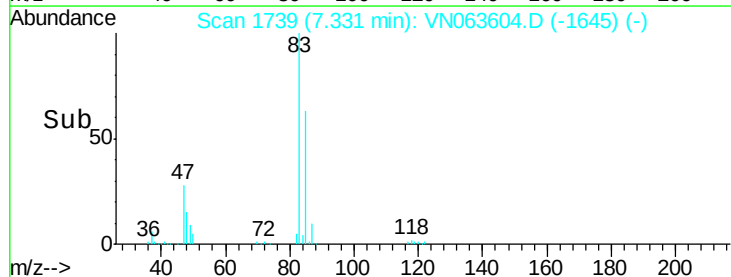
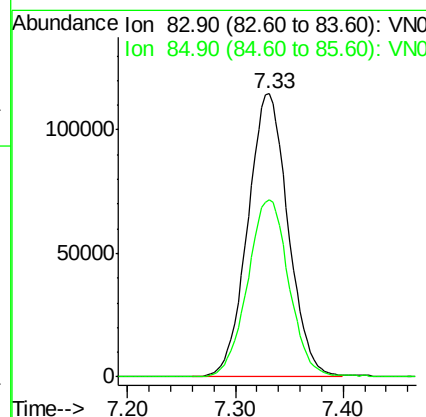
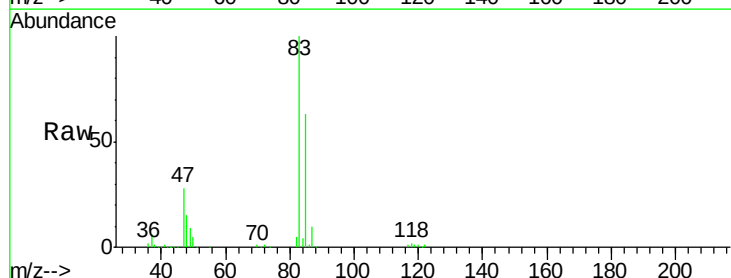
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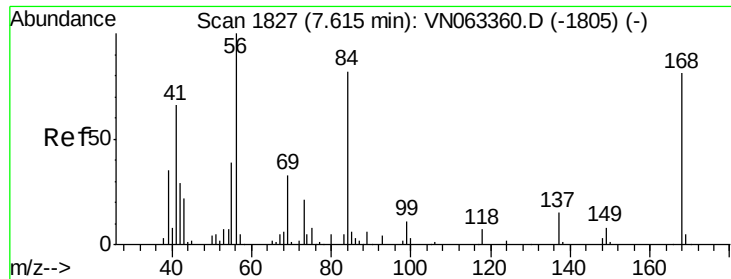
MMDadoda
9/24/2020 1:38:11 PM



#30
Chloroform
Concen: 53.500 ug/l
RT: 7.33 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VN063604.D
Acq: 23 Sep 2020 21:18

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.7	52.1	78.1





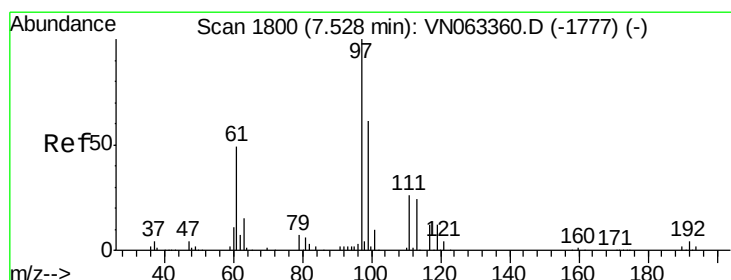
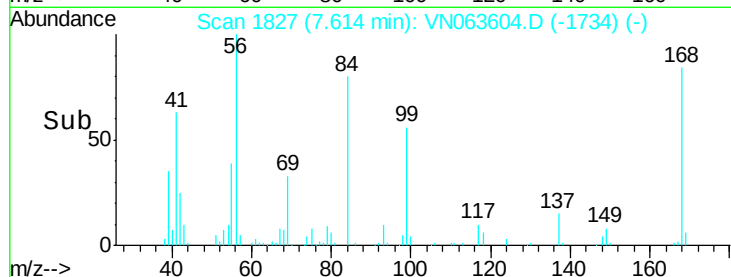
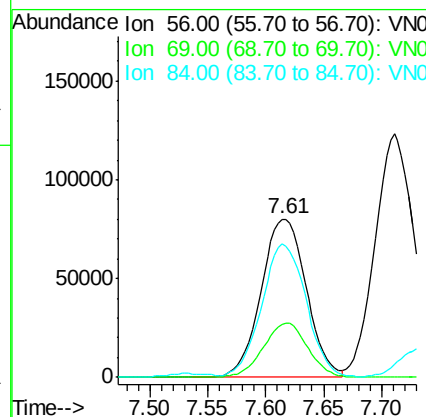
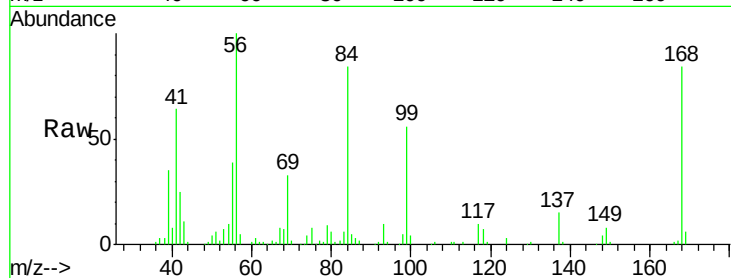
#31
Cyclohexane
Concen: 41.374 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. -0.00 min
Lab File: VN063604.D
Acq: 23 Sep 2020 21:18

Instrument :
MSVOA_N
ClientSampleId :
RE131D1-20200916MS

Tot Ion	Ratio	Resp	Lower	Upper
56	100	217359		
69	33.3	26.1	39.1	
84	82.6	65.4	98.2	

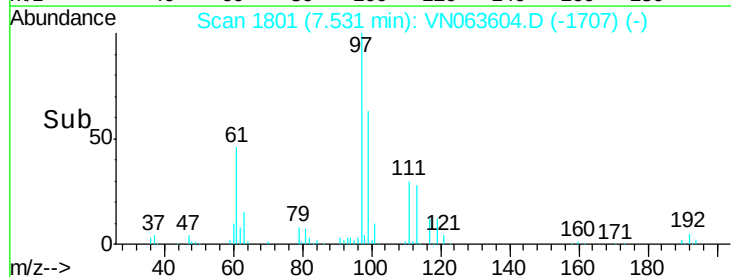
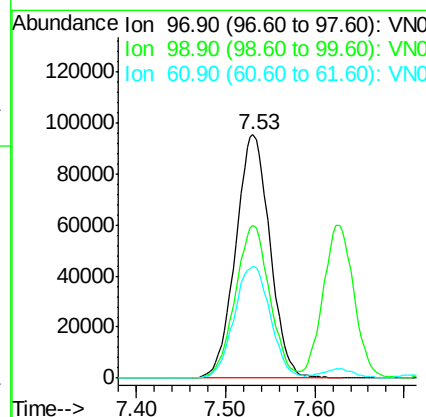
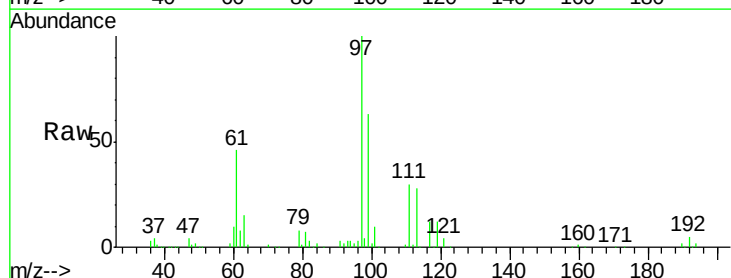
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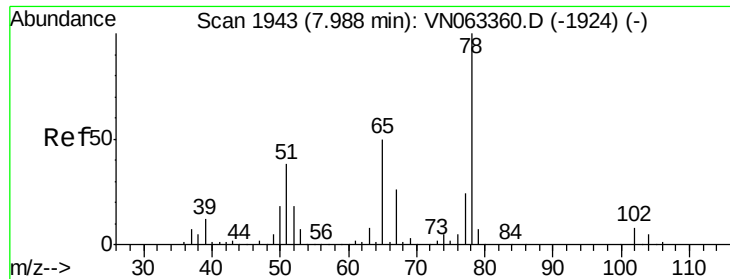
MMDadoda
9/24/2020 1:38:11 PM



#32
1,1,1-Trichloroethane
Concen: 51.321 ug/l
RT: 7.53 min Scan# 1801
Delta R.T. 0.00 min
Lab File: VN063604.D
Acq: 23 Sep 2020 21:18

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	254352		
99	63.0	50.6	76.0	
61	48.3	39.2	58.8	





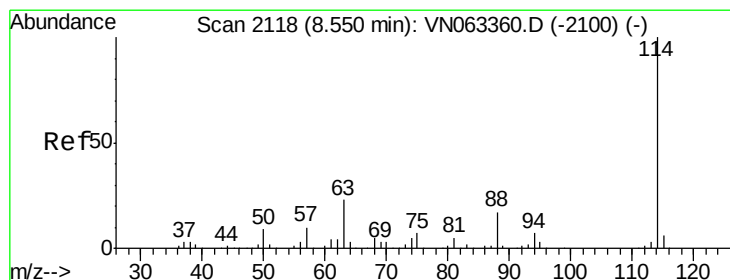
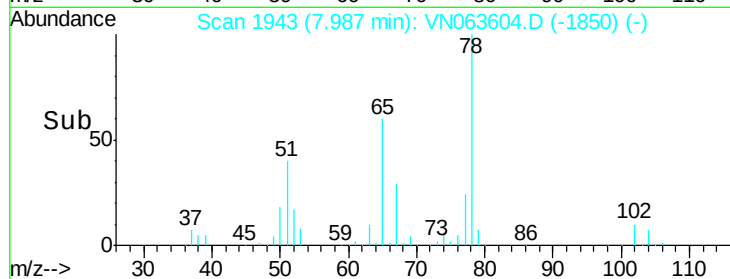
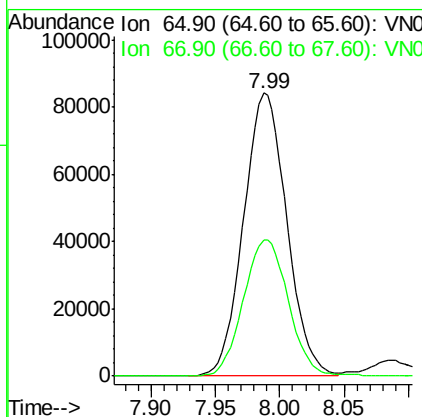
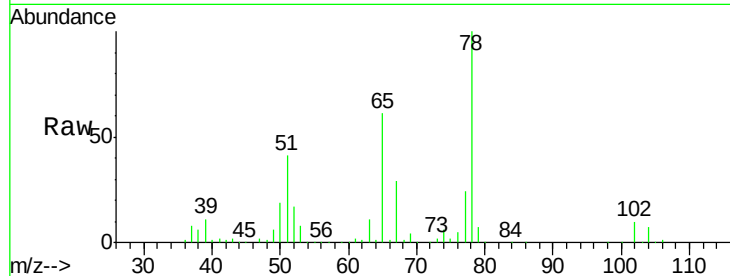
#33
 1,2-Dichloroethane-d4
 Concen: 51.722 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN063604.D
 Acq: 23 Sep 2020 21:18

Instrument :
 MSVOA_N
 ClientSampleId :
 RE131D1-20200916MS

Tot Ion	Ratio	Resp	Lower	Upper
65	100	196744		
67	50.1	0.0	104.2	

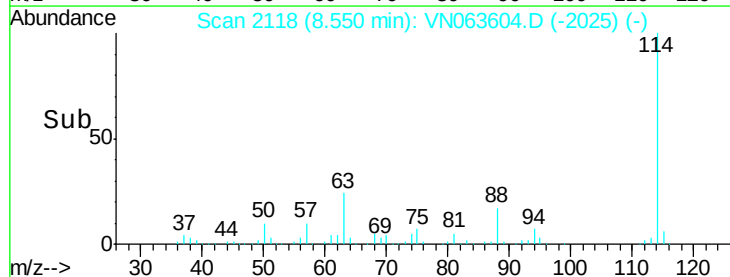
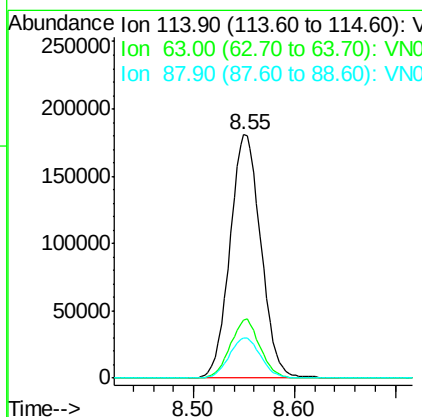
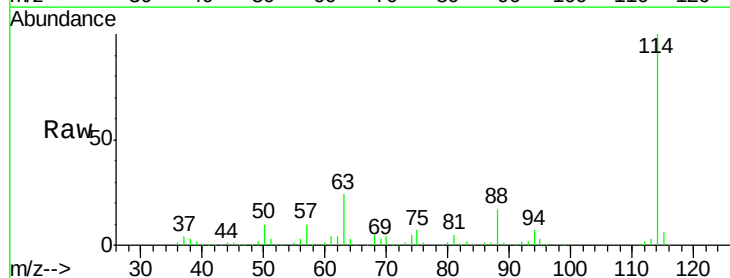
Manual Integrations
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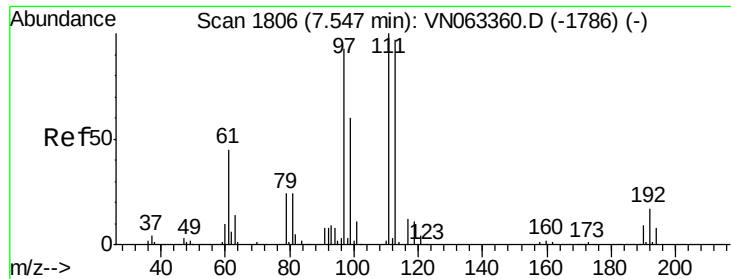
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063604.D
 Acq: 23 Sep 2020 21:18

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	386129		
63	24.0	0.0	46.4	
88	16.5	0.0	33.2	





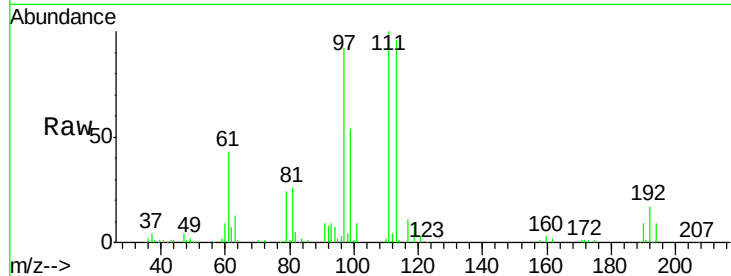
#35
Dibromofluoromethane
Concen: 51.141 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN063604.D
Acq: 23 Sep 2020 21:18

Instrument :
MSVOA_N
ClientSampleId :
RE131D1-20200916MS

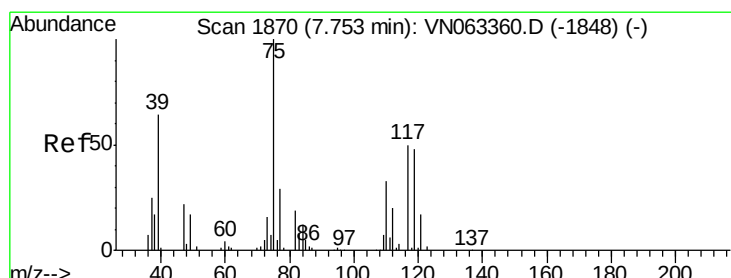
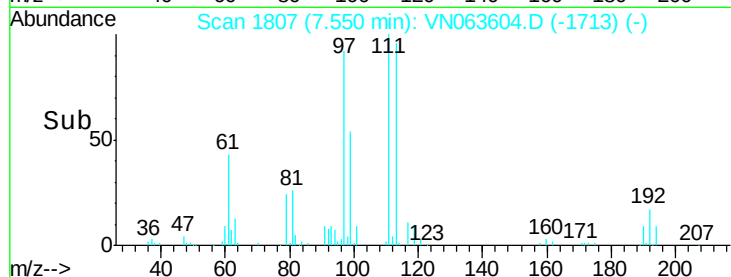
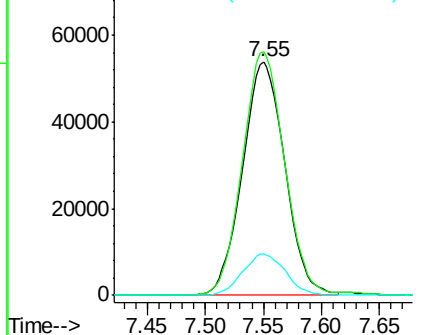
Tot Ion	Ratio	Resp	Lower	Upper
113	100	136705		
111	103.9	82.9	124.3	
192	17.9	13.9	20.9	

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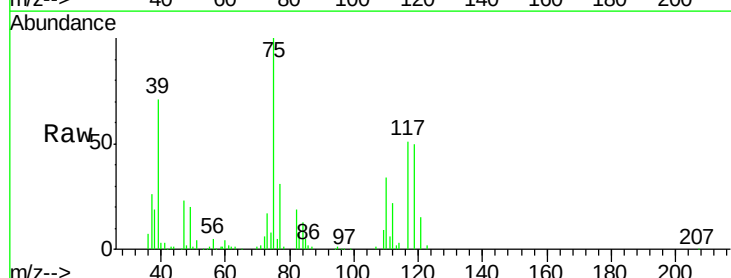


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

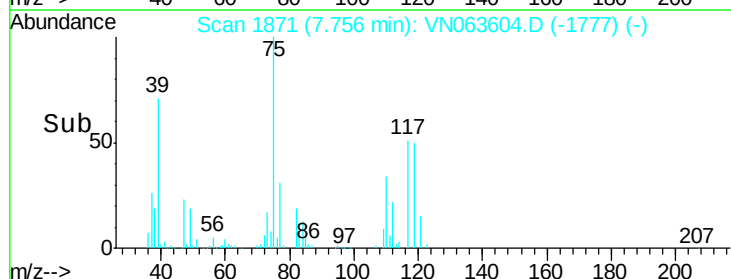
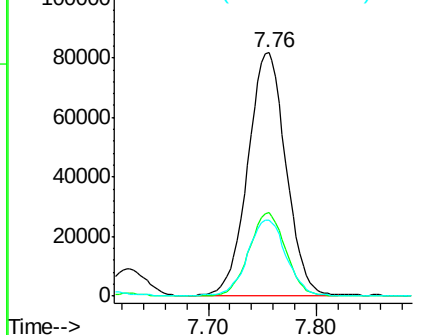


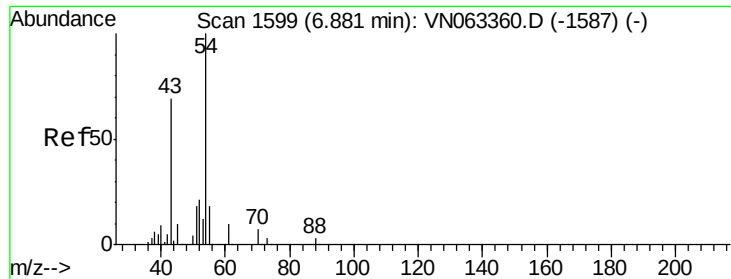
#36
1,1-Dichloropropene
Concen: 48.371 ug/l
RT: 7.76 min Scan# 1871
Delta R.T. 0.00 min
Lab File: VN063604.D
Acq: 23 Sep 2020 21:18

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	198981		
110	33.3	16.5	49.5	
77	32.1	24.6	36.8	



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): V





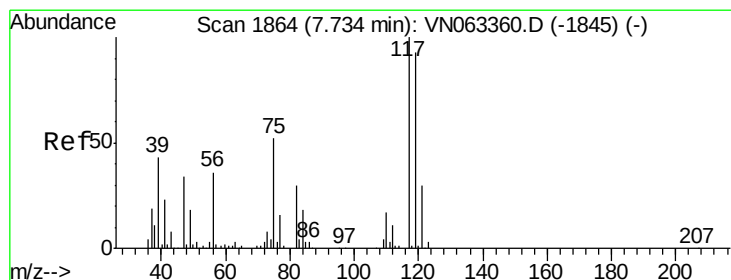
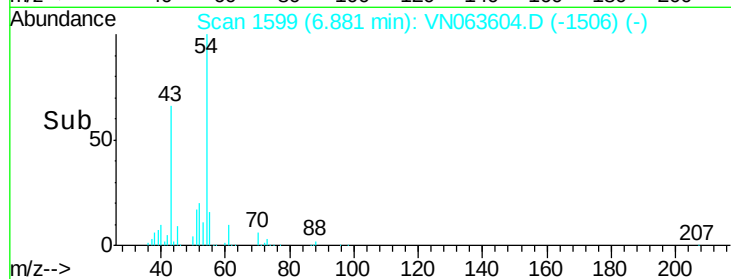
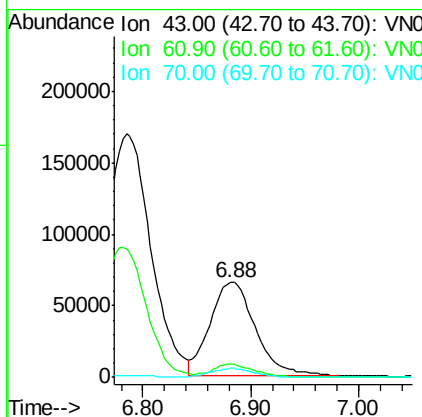
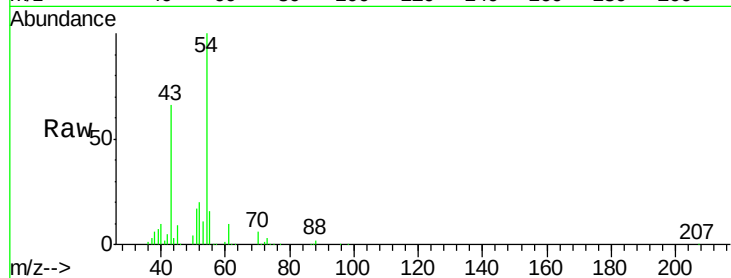
#37
Ethyl Acetate
Concen: 47.307 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VN063604.D
Acq: 23 Sep 2020 21:18

Instrument :
MSVOA_N
ClientSampleId :
RE131D1-20200916MS

Tot Ion	43	61	70
Resp	190997		
Ratio	100	12.7	9.2
Lower		10.6	7.2
Upper		15.8	10.8

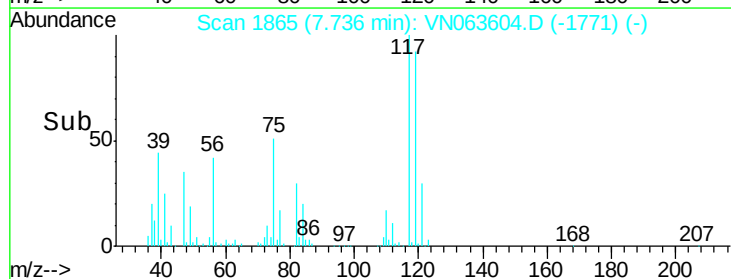
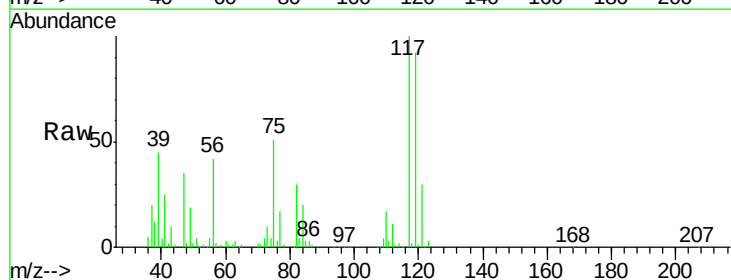
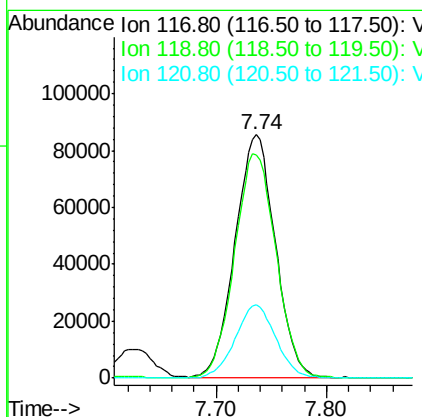
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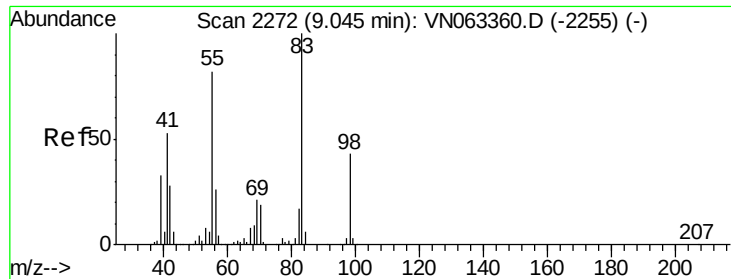
MMDadoda
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#38
Carbon Tetrachloride
Concen: 51.132 ug/l
RT: 7.74 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN063604.D
Acq: 23 Sep 2020 21:18

Tgt Ion	117	119	121
Resp	214717		
Ratio	100	92.0	30.0
Lower		74.5	24.1
Upper		111.7	36.1





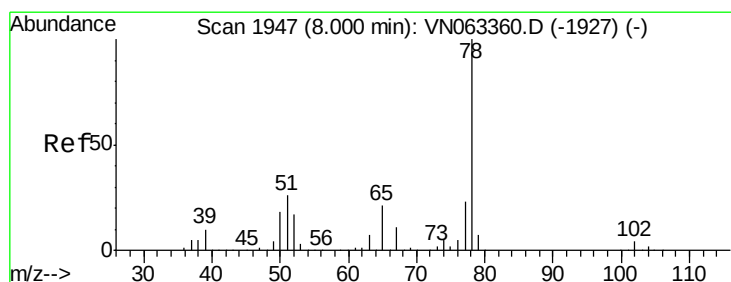
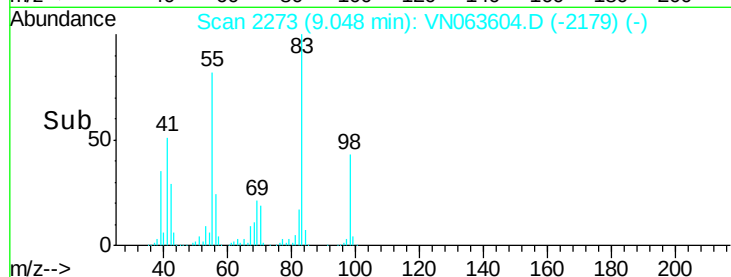
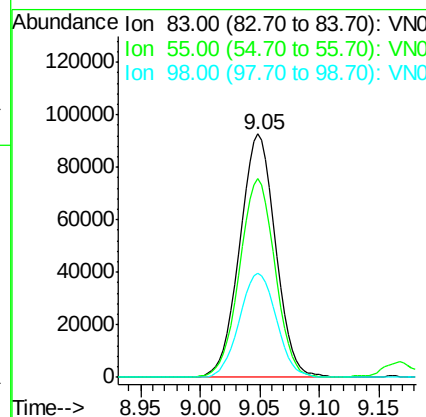
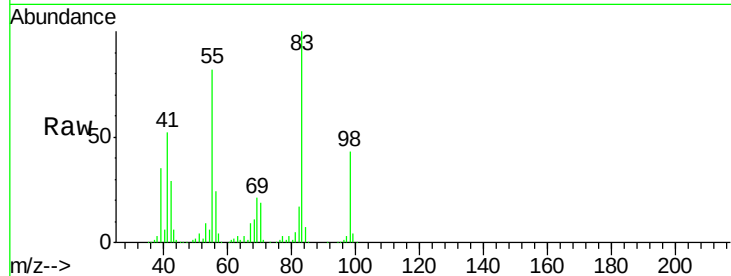
#39
Methylvlcyclohexane
Concen: 43.404 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN063604.D
Acq: 23 Sep 2020 21:18

Instrument :
MSVOA_N
ClientSampleId :
RE131D1-20200916MS

Tot Ion	Ratio	Lower	Upper
83	100		
55	81.8	65.5	98.3
98	42.9	34.2	51.4

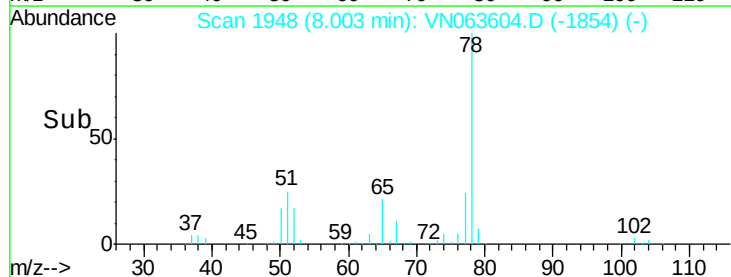
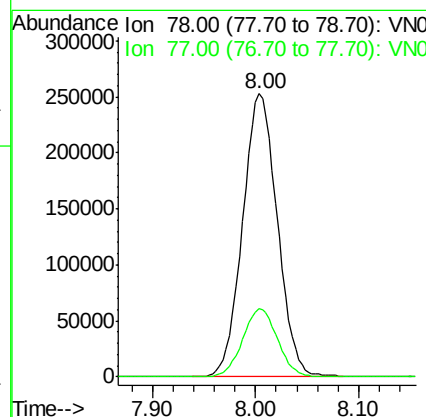
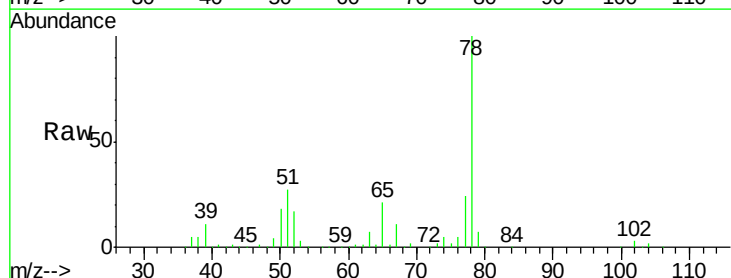
Manual Integrations
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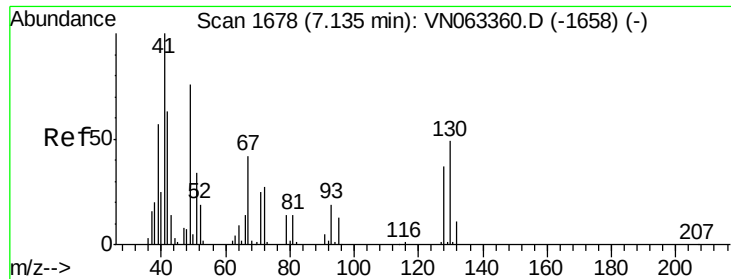
MMDadoda
9/24/2020 1:38:11 PM



#40
Benzene
Concen: 50.321 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063604.D
Acq: 23 Sep 2020 21:18

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	18.3	27.5





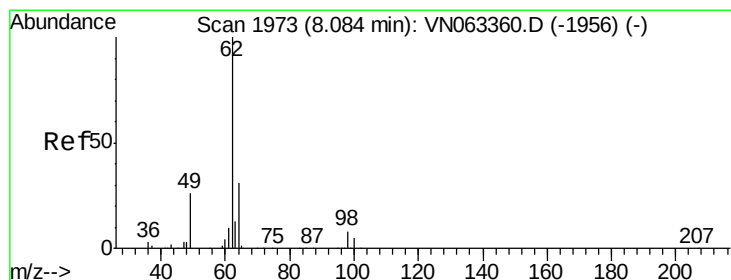
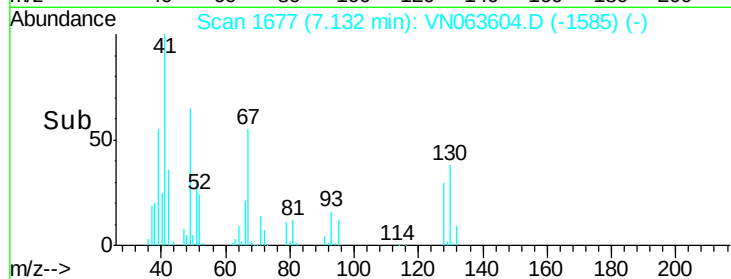
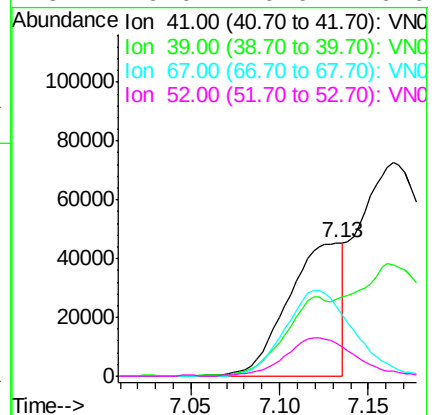
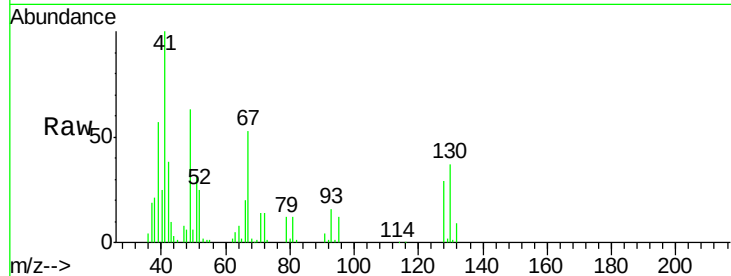
#41
Methacrylonitrile
Concen: 53.219 ug/l m
RT: 7.13 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN063604.D
Acq: 23 Sep 2020 21:18

Instrument :
MSVOA_N
ClientSampleId :
RE131D1-20200916MS

Tot Ion	41	Resp	96639
Ion Ratio	Lower	Upper	
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

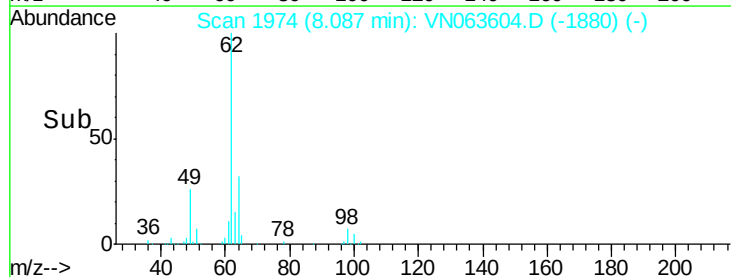
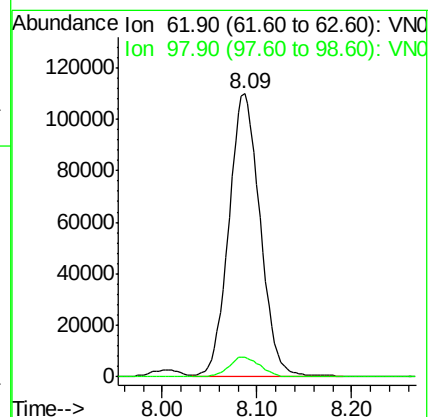
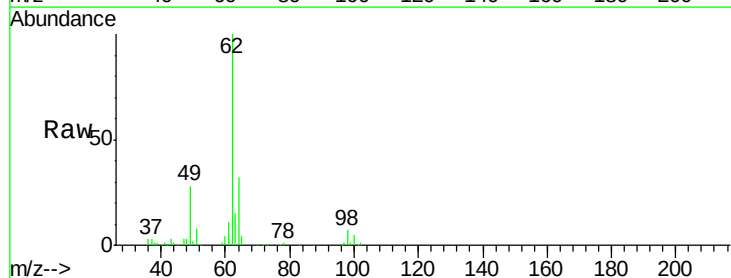
Manual Integrations
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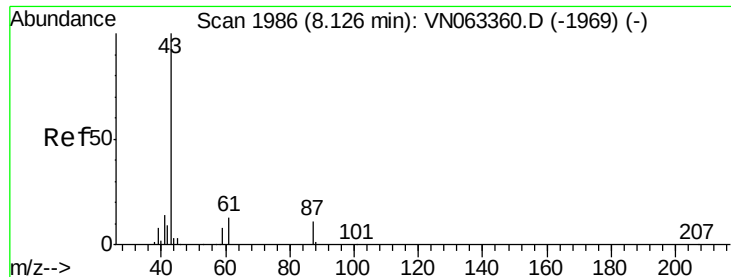
MMDadoda
9/24/2020 1:38:11 PM



#42
1,2-Dichloroethane
Concen: 53.105 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN063604.D
Acq: 23 Sep 2020 21:18

Tgt Ion	62	Resp	250784
Ion Ratio	Lower	Upper	
62	100		
98	7.1	0.0	15.6





#43

Isopropyl Acetate

Concen: 46.498 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN063604.D

Acq: 23 Sep 2020 21:18

Instrument :

MSVOA_N

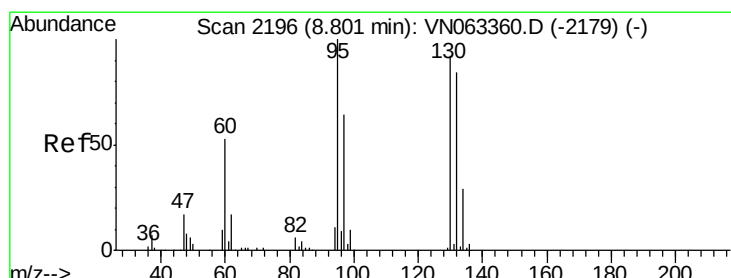
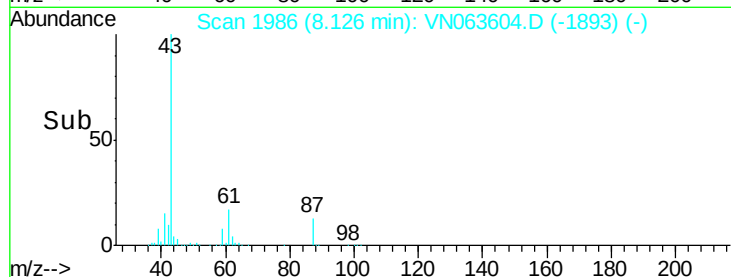
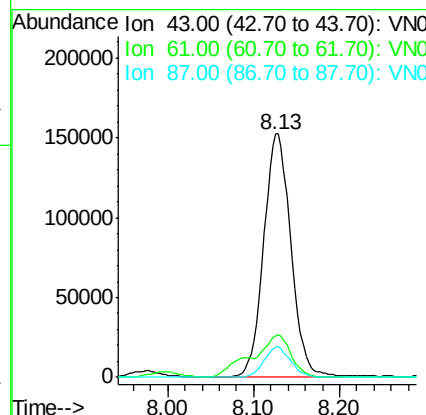
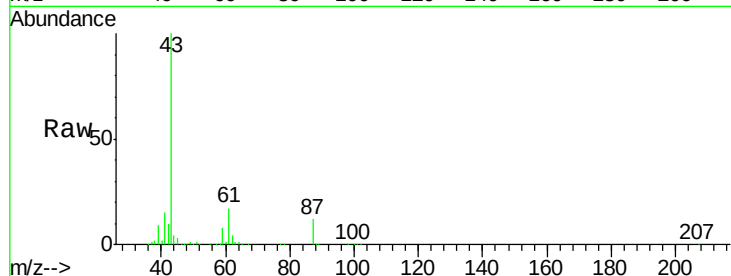
ClientSampleId :

RE131D1-20200916MS

Tot Ion	43	Resp	335679
Ion	Ratio	Lower	Upper
43	100		
61	17.4	14.2	21.2
87	12.2	9.0	13.6

Manual Integrations
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#44

Trichloroethene

Concen: 282.767 ug/l

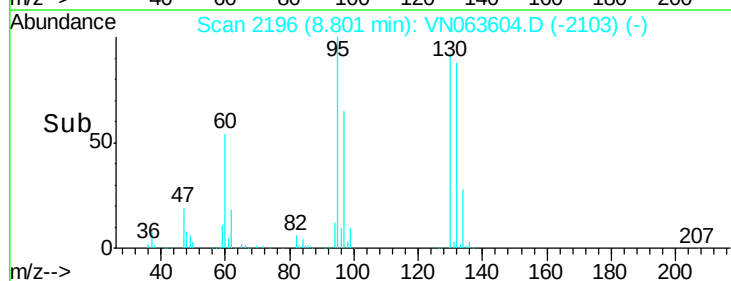
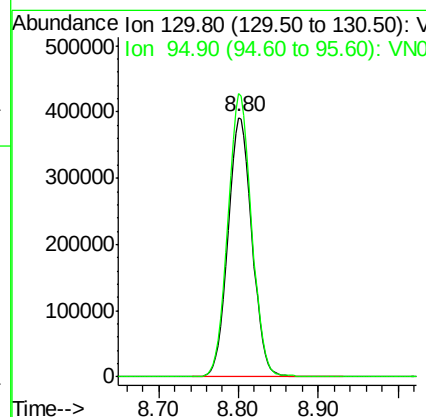
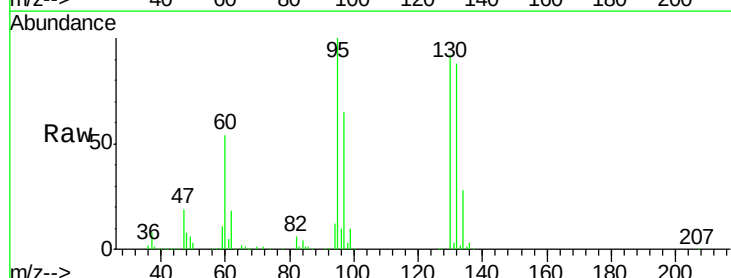
RT: 8.80 min Scan# 2196

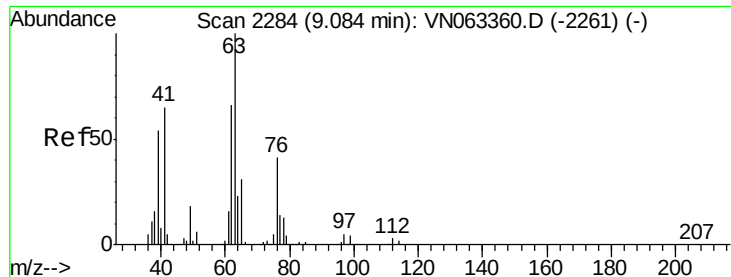
Delta R.T. -0.00 min

Lab File: VN063604.D

Acq: 23 Sep 2020 21:18

Tgt Ion	130	Resp	805380
Ion	Ratio	Lower	Upper
130	100		
95	109.2	0.0	217.4





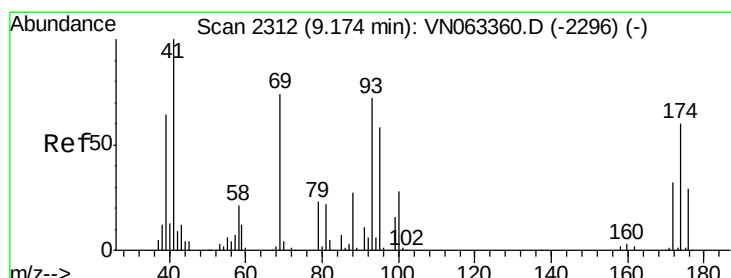
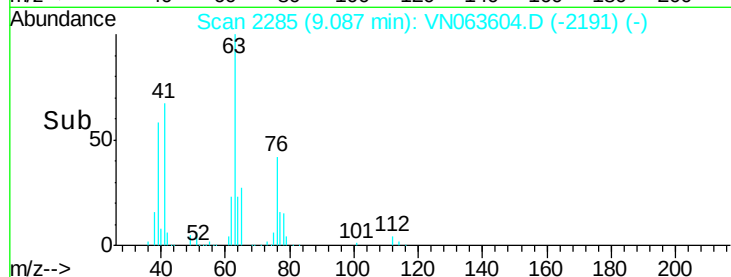
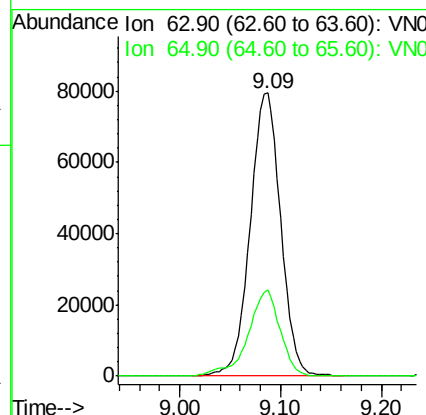
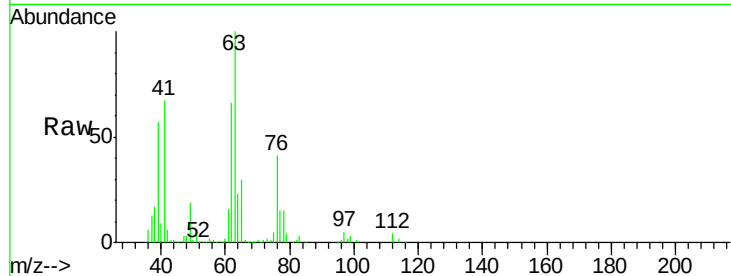
#45
 1,2-Dichloropropane
 Concen: 51.892 ug/l
 RT: 9.09 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN063604.D
 Acq: 23 Sep 2020 21:18

Instrument :
 MSVOA_N
 ClientSampleId :
 RE131D1-20200916MS

Tot Ion: 63 Resp: 165966
 Ion Ratio Lower Upper
 63 100
 65 30.3 25.0 37.6

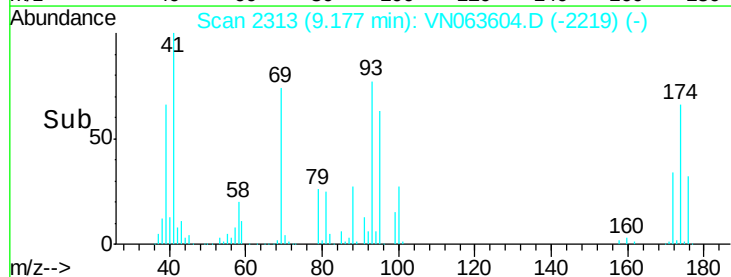
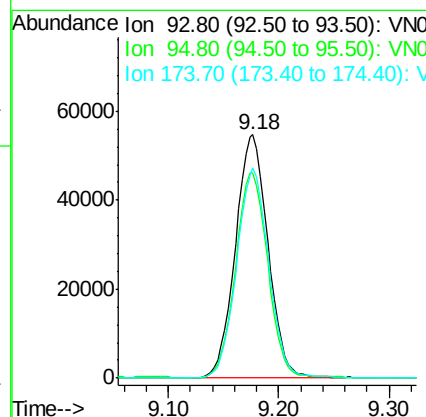
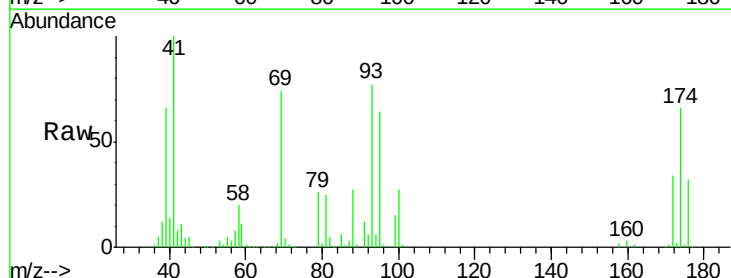
Manual Integrations
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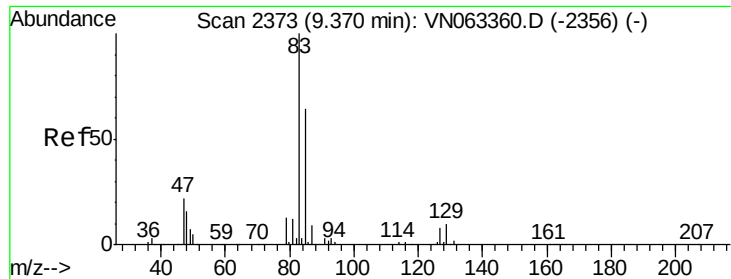
MMDadoda
 9/24/2020 1:38:11 PM



#46
 Dibromomethane
 Concen: 53.297 ug/l
 RT: 9.18 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN063604.D
 Acq: 23 Sep 2020 21:18

Tgt Ion: 93 Resp: 112036
 Ion Ratio Lower Upper
 93 100
 95 84.0 65.6 98.4
 174 85.0 68.1 102.1





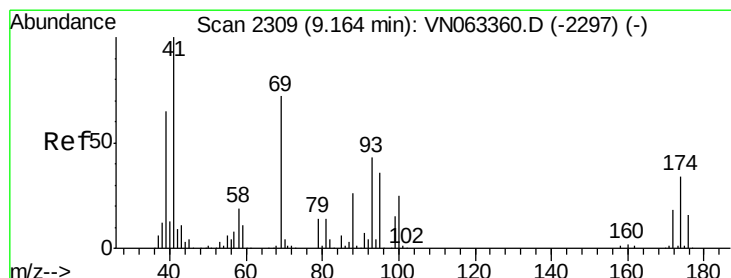
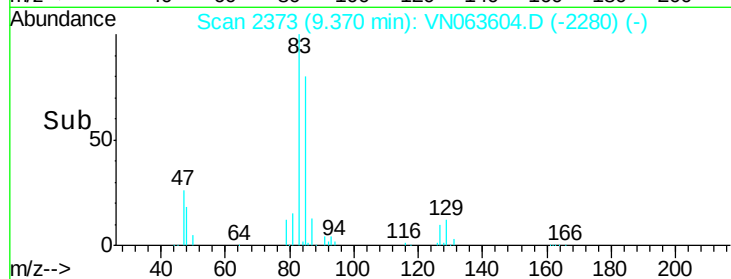
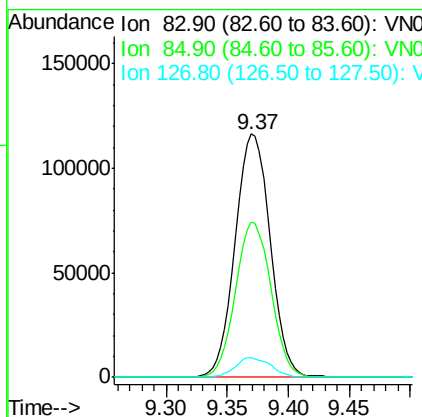
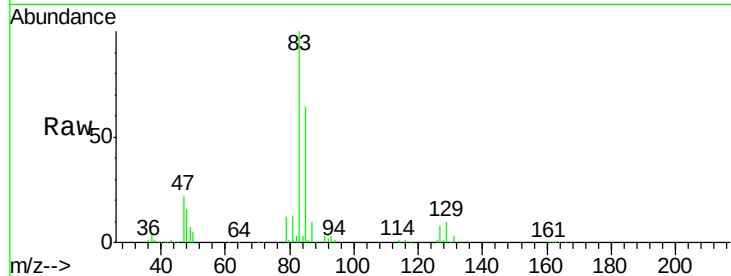
#47
 Bromodichloromethane
 Concen: 53.115 ug/l
 RT: 9.37 min Scan# 2373
 Delta R.T. -0.00 min
 Lab File: VN063604.D
 Acq: 23 Sep 2020 21:18

Instrument :
 MSVOA_N
 ClientSampleId :
 RE131D1-20200916MS

Tot Ion	Ratio	Resp	Lower	Upper
83	100	231954		
85	63.9		51.0	76.6
127	8.2		6.3	9.5

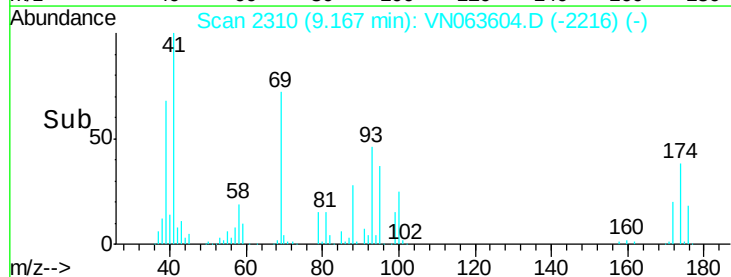
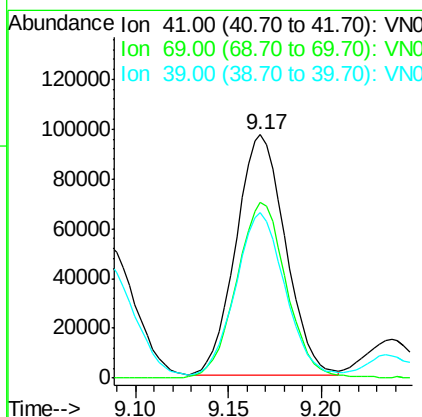
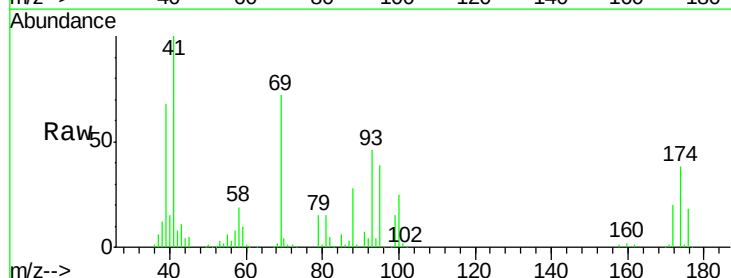
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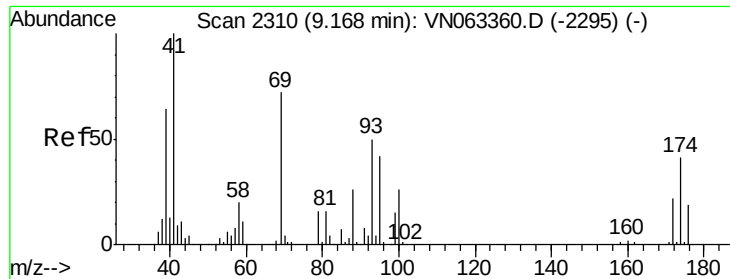
MMDadoda
 9/24/2020 1:38:11 PM



#48
 Methyl methacrylate
 Concen: 50.603 ug/l
 RT: 9.17 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN063604.D
 Acq: 23 Sep 2020 21:18

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	179484		
69	74.1		59.3	88.9
39	69.2		52.9	79.3





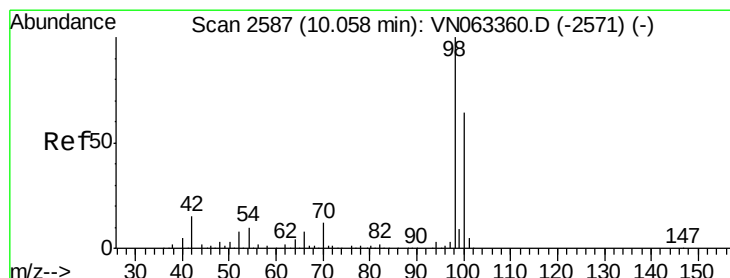
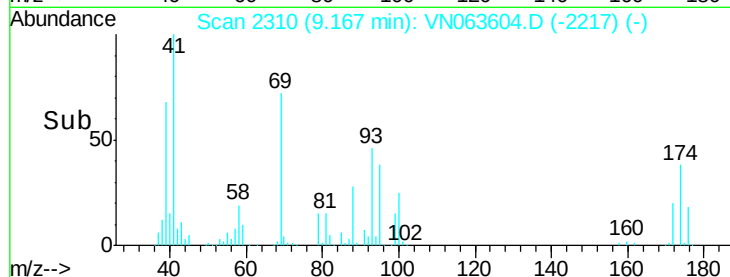
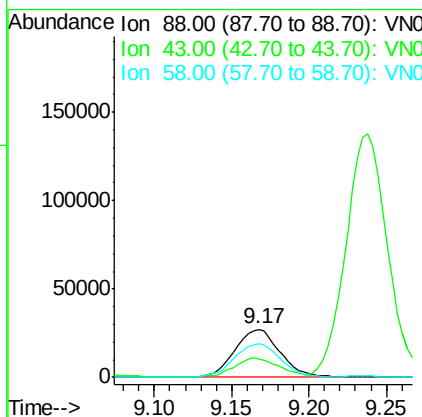
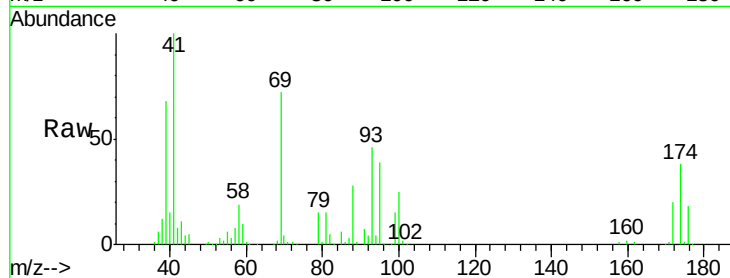
#49
1,4-Dioxane
Concen: 1079.339 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. -0.00 min
Lab File: VN063604.D
Acq: 23 Sep 2020 21:18

Instrument :
MSVOA_N
ClientSampleId :
RE131D1-20200916MS

Tot Ion	Ratio	Lower	Upper
88	100		
43	37.8	32.6	49.0
58	71.9	60.0	90.0

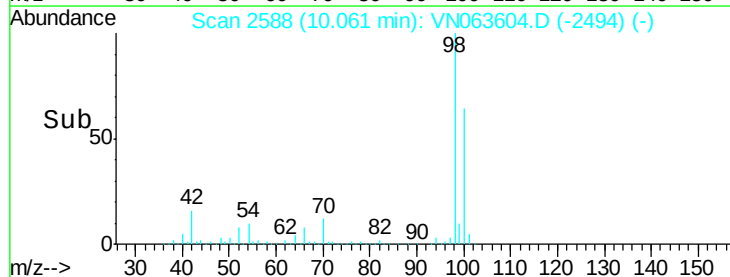
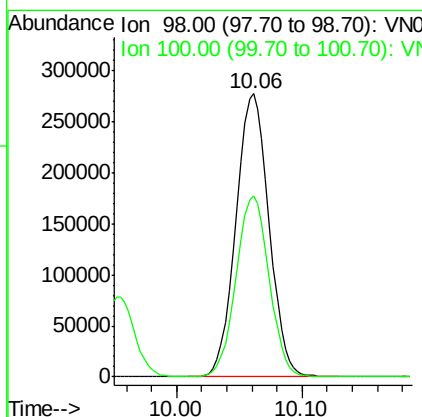
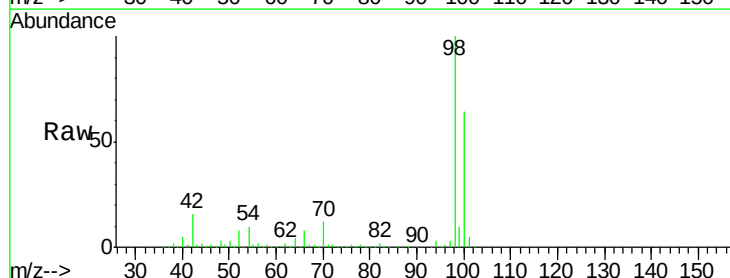
Manual Integrations
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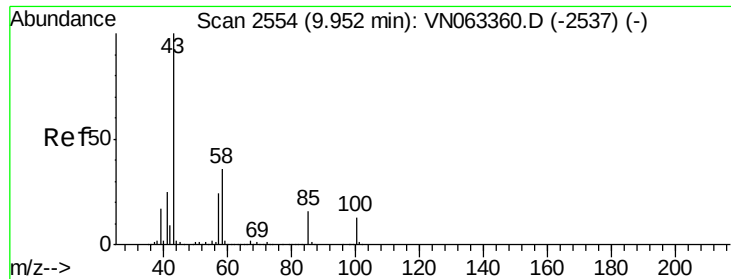
MMDadoda
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#50
Toluene-d8
Concen: 50.558 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN063604.D
Acq: 23 Sep 2020 21:18

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.5	50.7	76.1





#51

4-Methyl-2-Pentanone

Concen: 269.101 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN063604.D

Acq: 23 Sep 2020 21:18

Instrument :

MSVOA_N

ClientSampleId :

RE131D1-20200916MS

Tot Ion: 43 Resp: 1087594

Ion Ratio Lower Upper

43 100

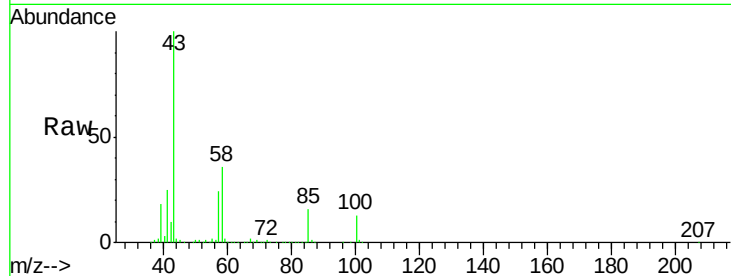
58 35.8 29.0 43.6

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

600000

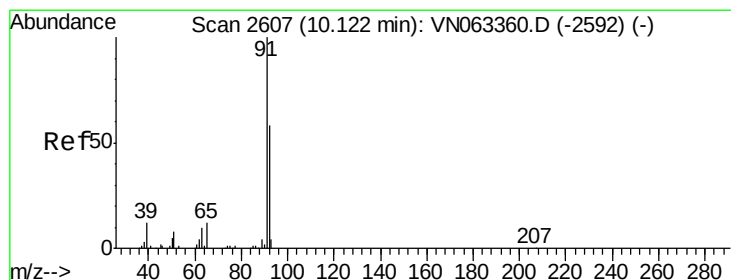
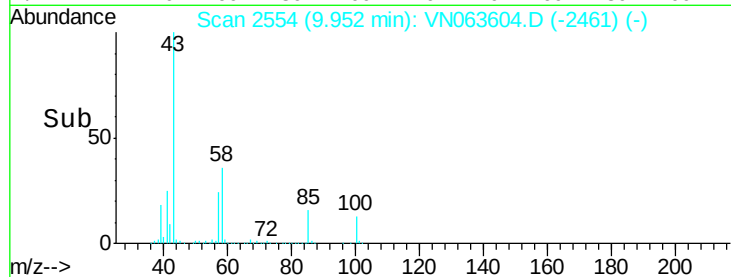
400000

200000

0

9.90 9.95 10.00

Time-->



#52

Toluene

Concen: 53.128 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063604.D

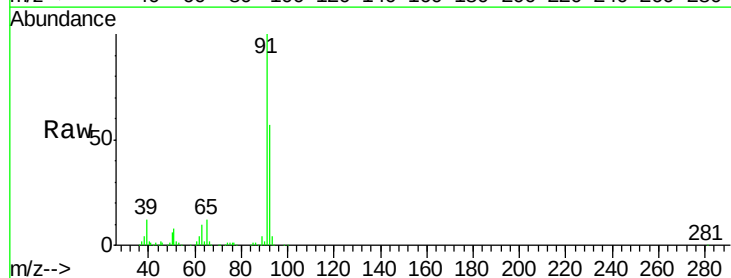
Acq: 23 Sep 2020 21:18

Tgt Ion: 92 Resp: 375096

Ion Ratio Lower Upper

92 100

91 173.1 139.7 209.5



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

400000

300000

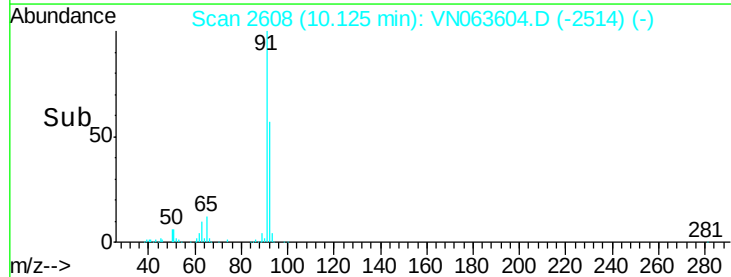
200000

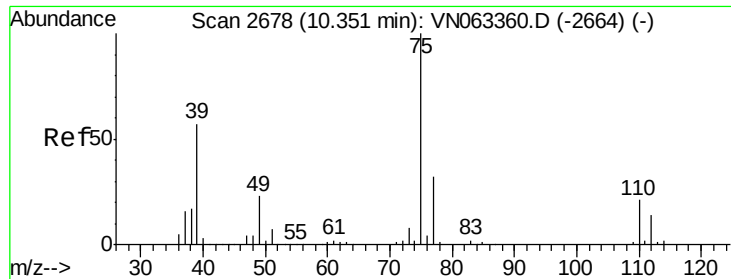
100000

0

10.10 10.13 10.20

Time-->





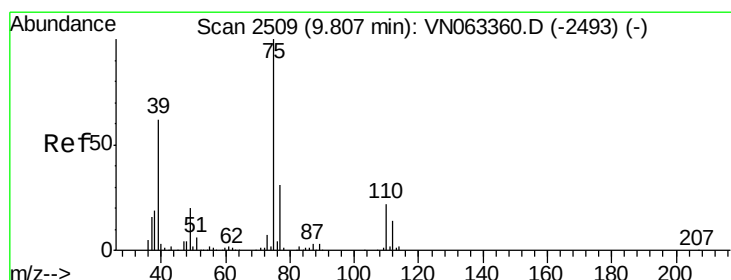
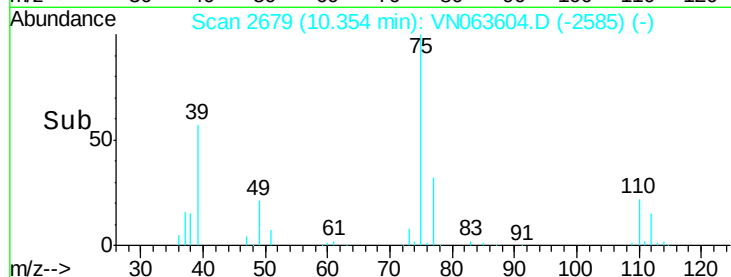
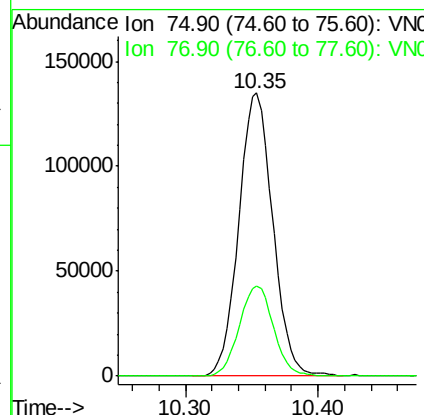
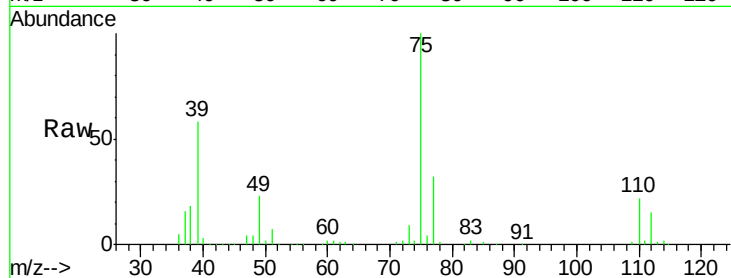
#53
t-1,3-Dichloropropene
Concen: 49.269 ug/l
RT: 10.35 min Scan# 2679
Delta R.T. 0.00 min
Lab File: VN063604.D
Acq: 23 Sep 2020 21:18

Instrument :
MSVOA_N
ClientSampleId :
RE131D1-20200916MS

Tot Ion: 75 Resp: 240202
Ion Ratio Lower Upper
75 100
77 31.9 25.4 38.2

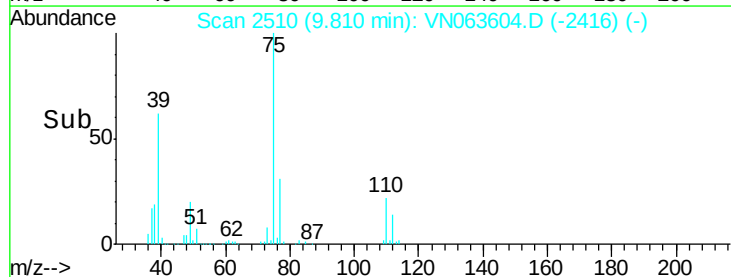
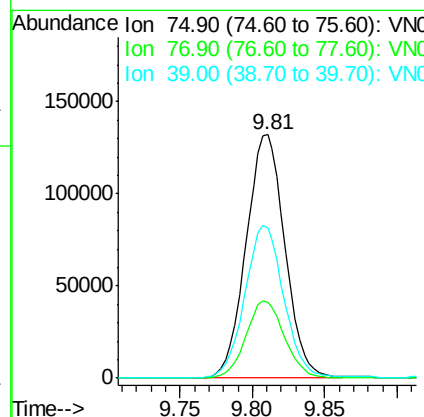
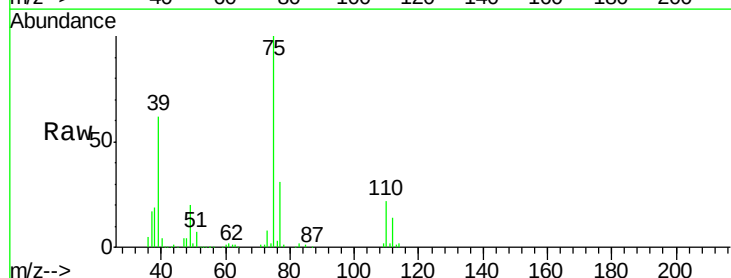
Manual Integrations
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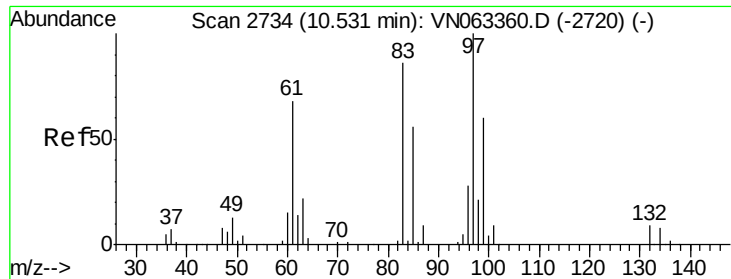
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#54
cis-1,3-Dichloropropene
Concen: 47.839 ug/l
RT: 9.81 min Scan# 2510
Delta R.T. 0.00 min
Lab File: VN063604.D
Acq: 23 Sep 2020 21:18

Tgt Ion: 75 Resp: 246009
Ion Ratio Lower Upper
75 100
77 31.3 24.6 37.0
39 61.6 49.8 74.8





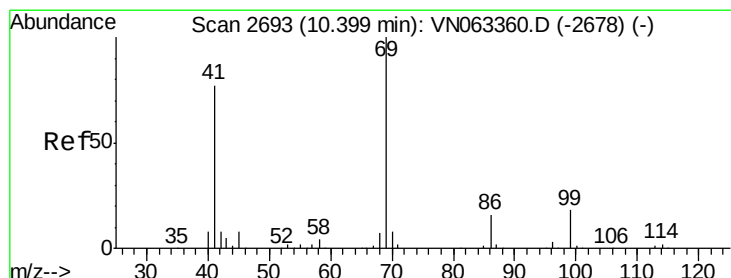
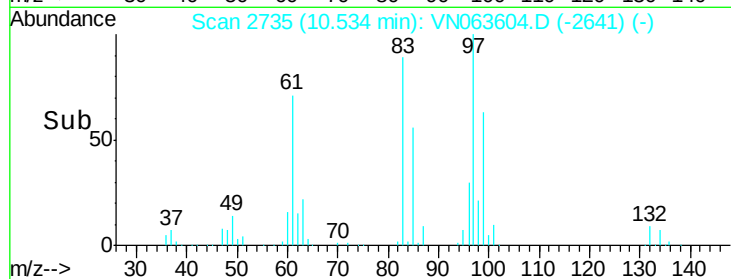
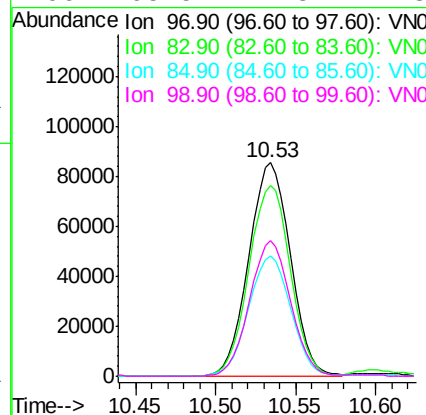
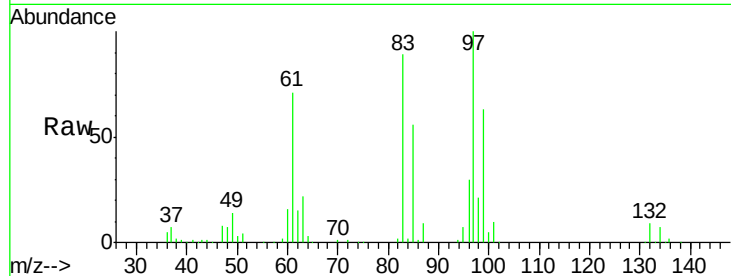
#55
 1,1,2-Trichloroethane
 Concen: 54.350 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN063604.D
 Acq: 23 Sep 2020 21:18

Instrument :
 MSVOA_N
 ClientSampleId :
 RE131D1-20200916MS

Tot Ion:	97	Resp:	152419
Ion	Ratio	Lower	Upper
97	100		
83	89.0	68.9	103.3
85	56.1	44.8	67.2
99	63.5	47.8	71.8

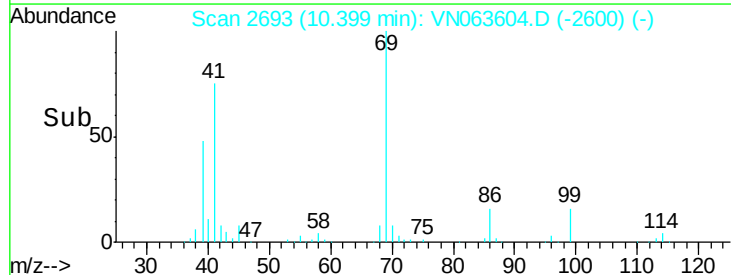
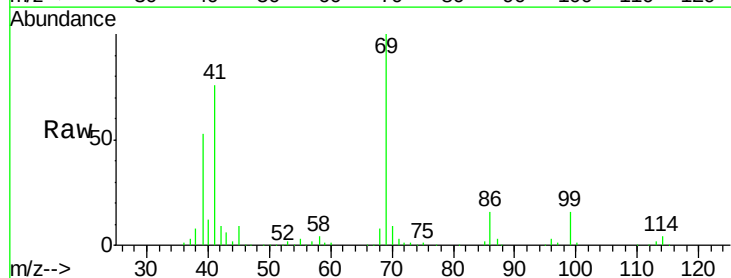
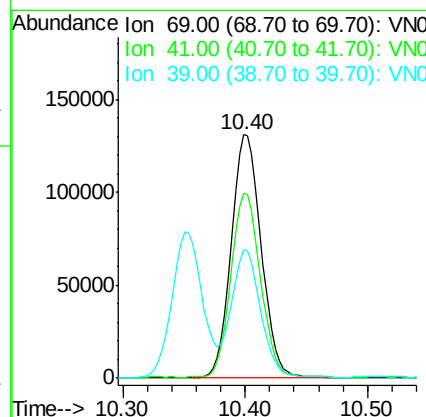
Manual Integrations
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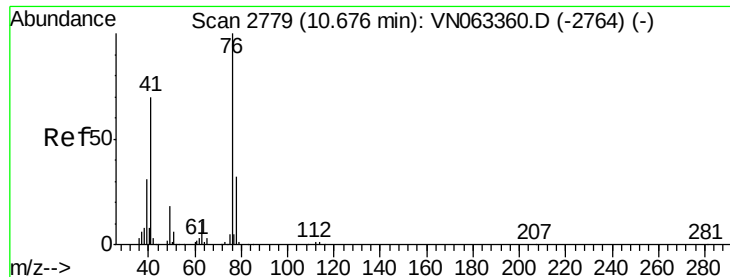
MMDadoda
 9/24/2020 1:38:11 PM



#56
 Ethyl methacrylate
 Concen: 51.581 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. -0.00 min
 Lab File: VN063604.D
 Acq: 23 Sep 2020 21:18

Tgt Ion:	69	Resp:	225821
Ion	Ratio	Lower	Upper
69	100		
41	74.4	61.0	91.6
39	52.0	39.2	58.8





#57

1,3-Dichloropropane

Concen: 51.300 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN063604.D

Acq: 23 Sep 2020 21:18

Instrument :

MSVOA_N

ClientSampleId :

RE131D1-20200916MS

Tot Ion: 76 Resp: 259433

Ion Ratio Lower Upper

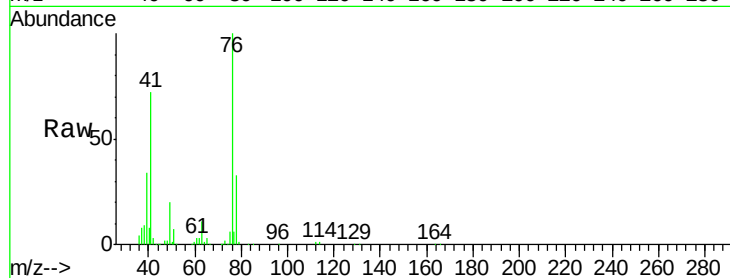
76 100

78 32.8 25.8 38.8

Manual Integrations
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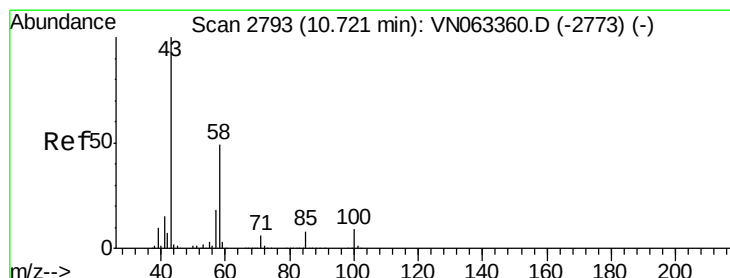
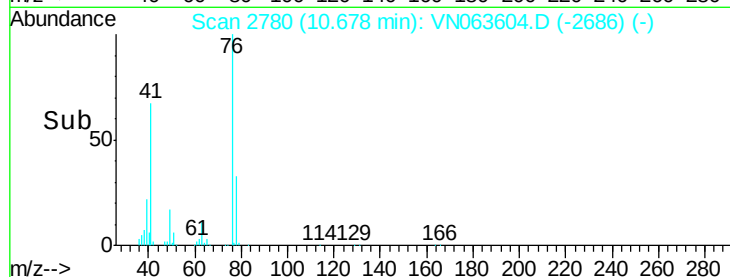
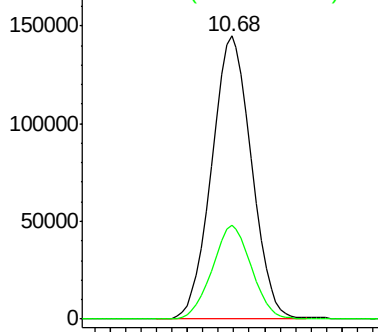
MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#59

2-Hexanone

Concen: 271.972 ug/l

RT: 10.72 min Scan# 2794

Delta R.T. 0.00 min

Lab File: VN063604.D

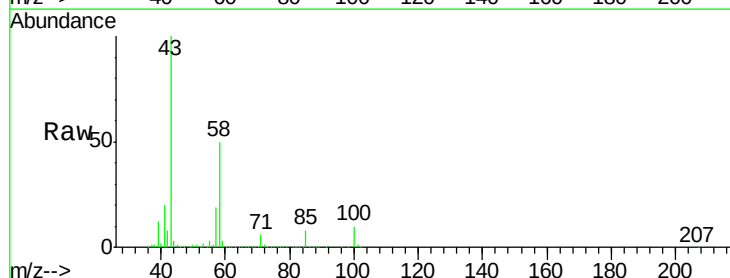
Acq: 23 Sep 2020 21:18

Tgt Ion: 43 Resp: 796339

Ion Ratio Lower Upper

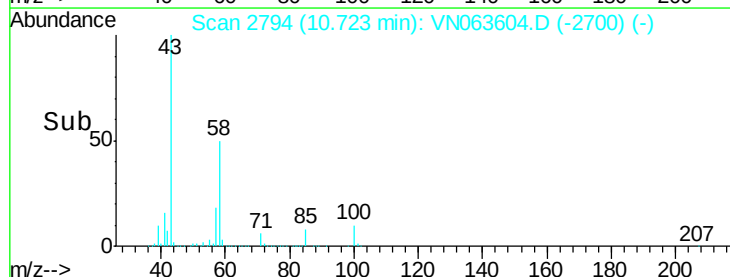
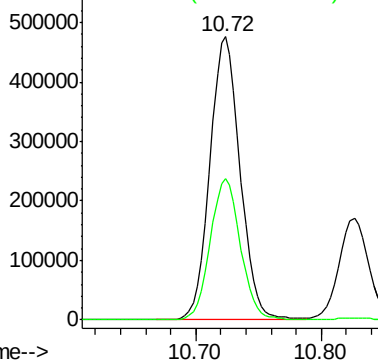
43 100

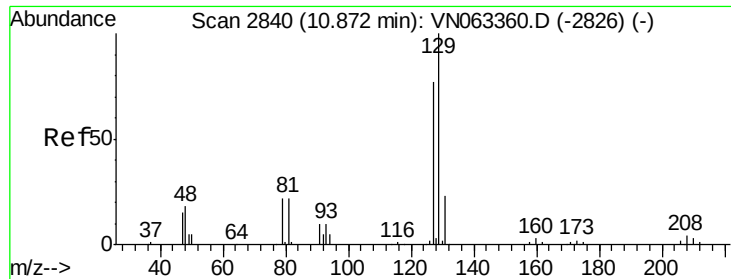
58 50.1 24.7 74.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#60

Dibromochloromethane

Concen: 52.926 ug/l

RT: 10.87 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VN063604.D

Acq: 23 Sep 2020 21:18

Instrument :

MSVOA_N

ClientSampleId :

RE131D1-20200916MS

Tot Ion:129 Resp: 167679

Ion Ratio Lower Upper

129 100

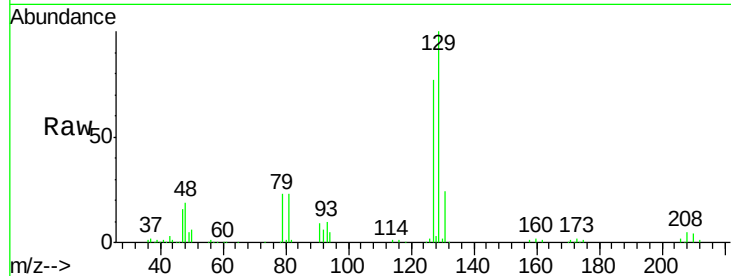
127 78.2 39.1 117.3

Manual Integrations

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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

10.87

80000

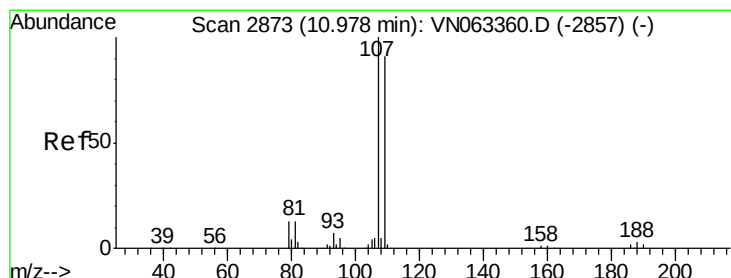
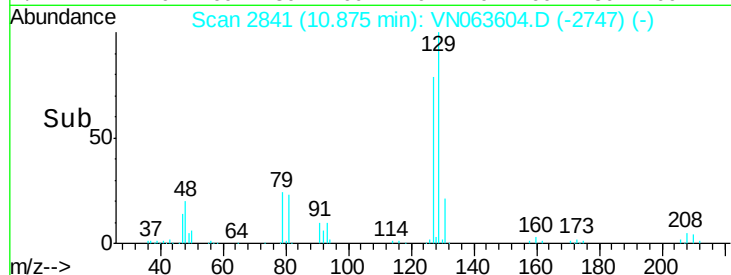
60000

40000

20000

0

Time-->



#61

1,2-Dibromoethane

Concen: 54.144 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. -0.00 min

Lab File: VN063604.D

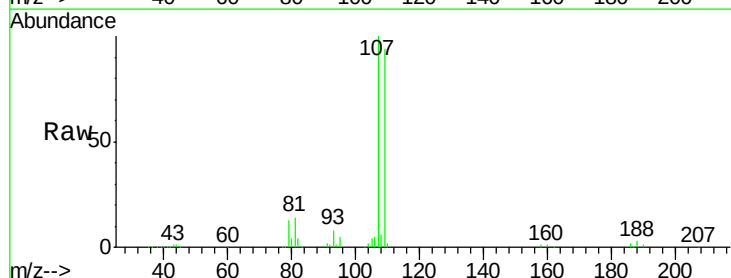
Acq: 23 Sep 2020 21:18

Tgt Ion:107 Resp: 157750

Ion Ratio Lower Upper

107 100

109 93.8 74.6 111.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

10.98

80000

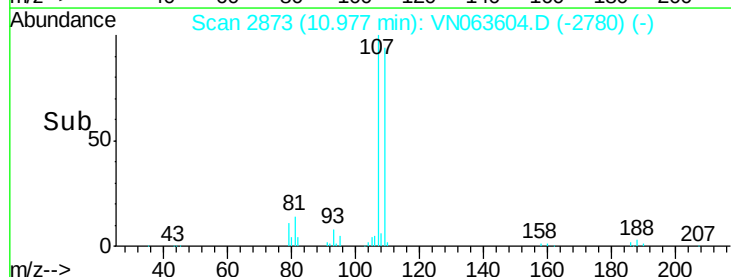
60000

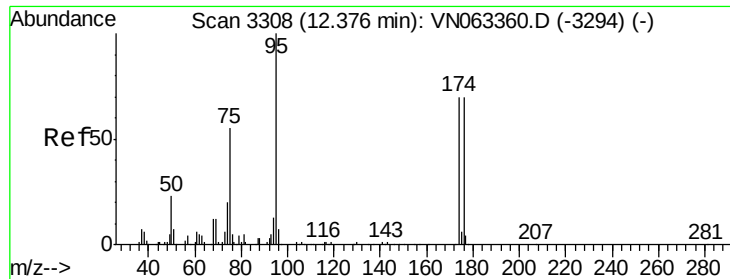
40000

20000

0

Time-->





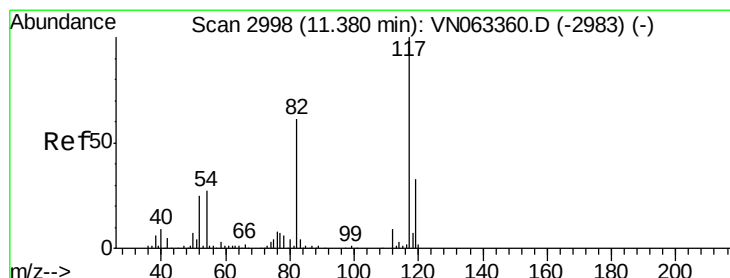
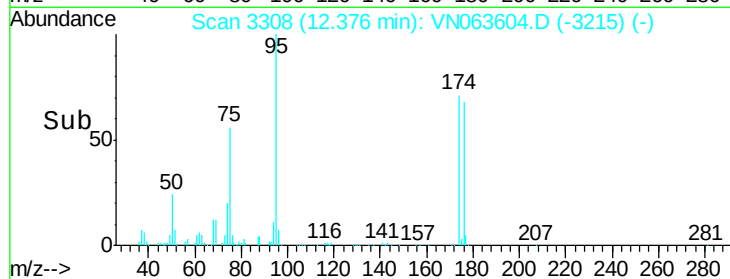
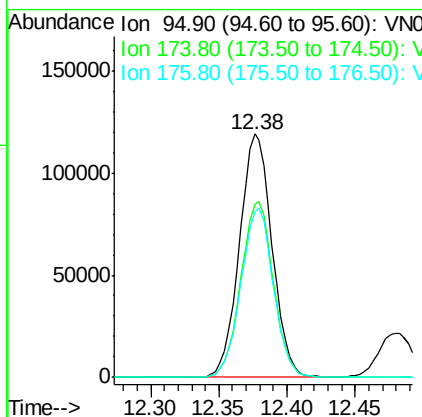
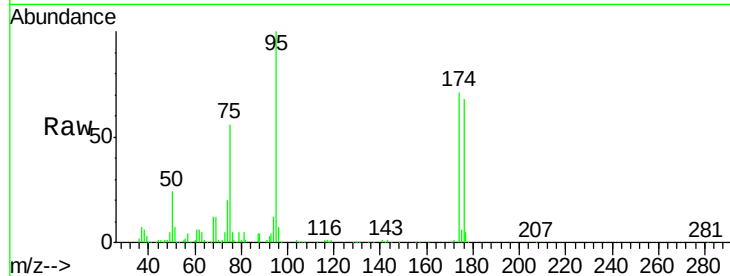
#62
4-Bromofluorobenzene
Concen: 53.599 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.00 min
Lab File: VN063604.D
Acq: 23 Sep 2020 21:18

Instrument :
MSVOA_N
ClientSampleId :
RE131D1-20200916MS

Tot Ion	Ratio	Resp	Lower	Upper
95	100	197491		
174	72.2	0.0	140.8	
176	69.1	0.0	137.6	

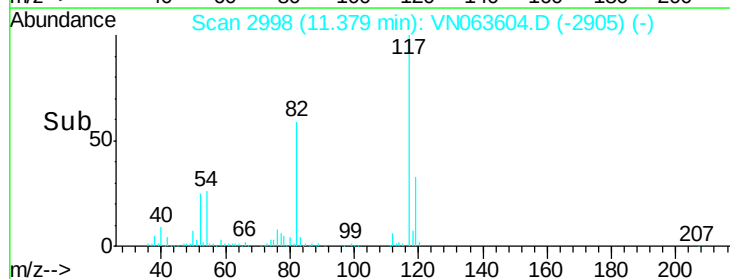
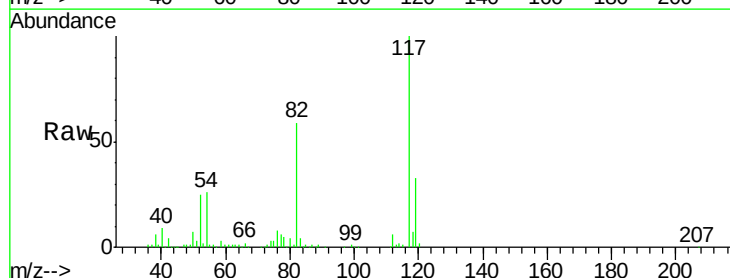
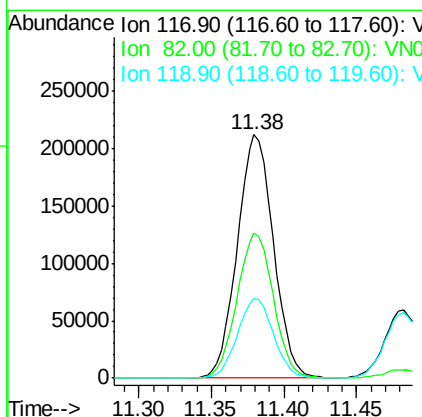
Manual Integrations
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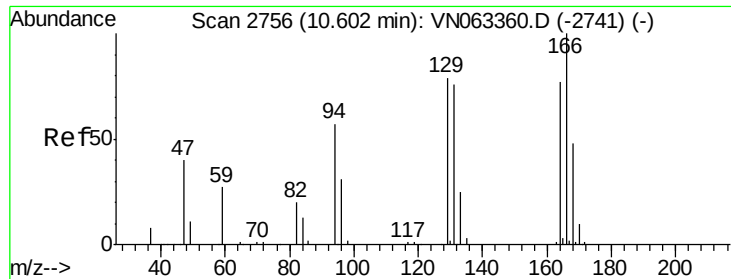
MMDadoda
9/24/2020 1:38:11 PM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063604.D
Acq: 23 Sep 2020 21:18

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	368203		
82	59.4	49.2	73.8	
119	32.7	26.2	39.4	





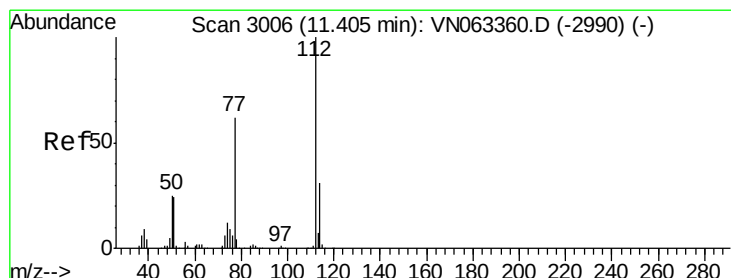
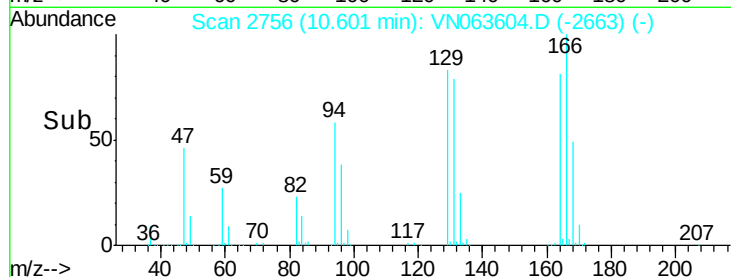
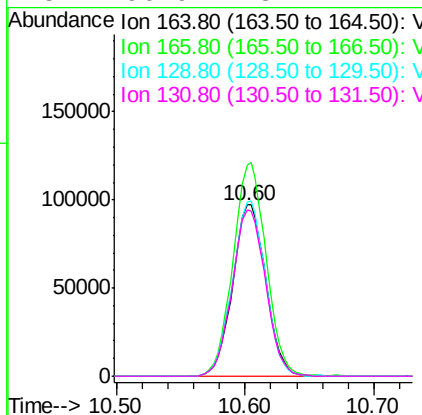
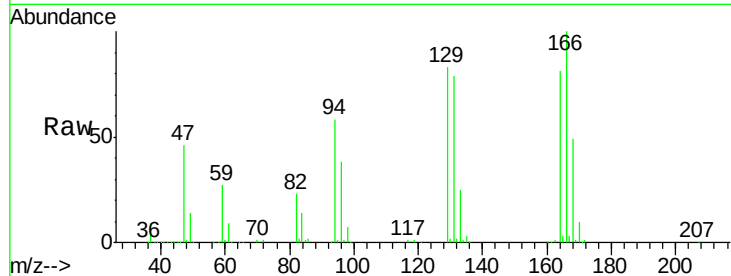
#64
Tetrachloroethene
 Concen: 69.238 ug/l
 RT: 10.60 min Scan# 2756
 Delta R.T. -0.00 min
 Lab File: VN063604.D
 Acq: 23 Sep 2020 21:18

Instrument :
 MSVOA_N
 ClientSampleId :
 RE131D1-20200916MS

Tot Ion	Ratio	Lower	Upper
164	100		
166	123.0	103.4	155.0
129	101.5	81.8	122.6
131	96.9	78.2	117.4

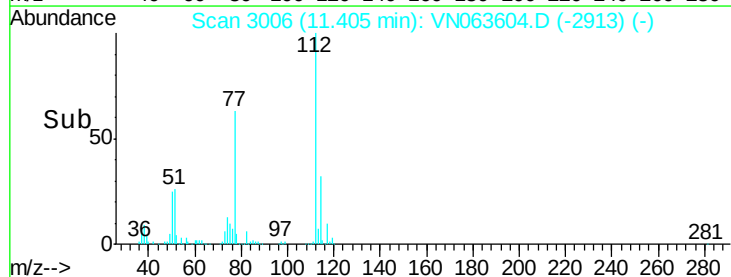
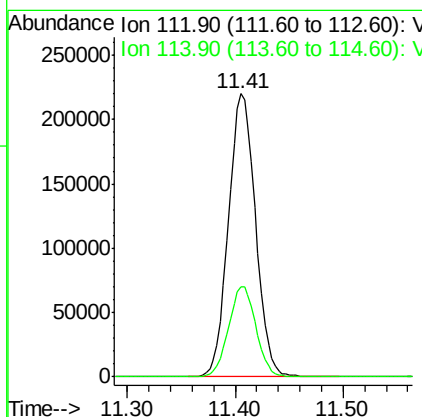
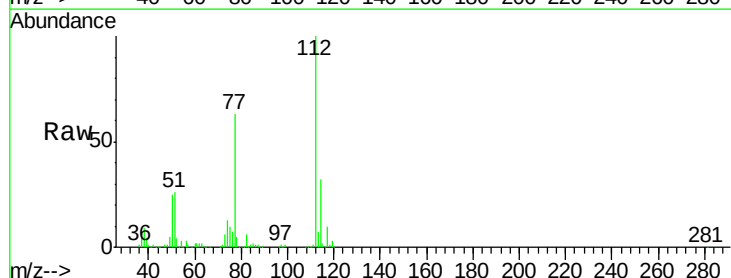
Manual Integrations
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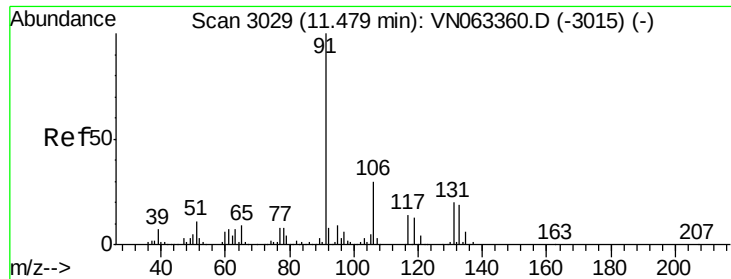
MMDadoda
 9/24/2020 1:38:11 PM



#65
Chlorobenzene
 Concen: 49.365 ug/l
 RT: 11.41 min Scan# 3006
 Delta R.T. -0.00 min
 Lab File: VN063604.D
 Acq: 23 Sep 2020 21:18

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.0	25.0	37.6





#66

1,1,1,2-Tetrachloroethane

Concen: 53.130 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. 0.00 min

Lab File: VN063604.D

Acq: 23 Sep 2020 21:18

Instrument :

MSVOA_N

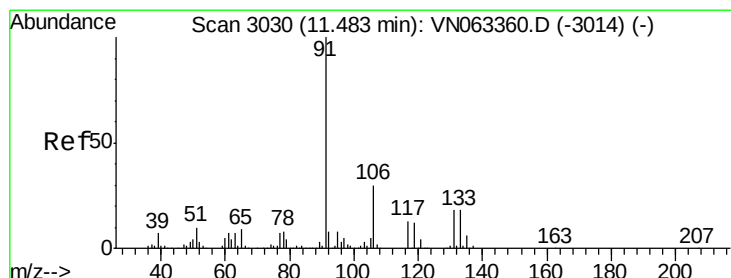
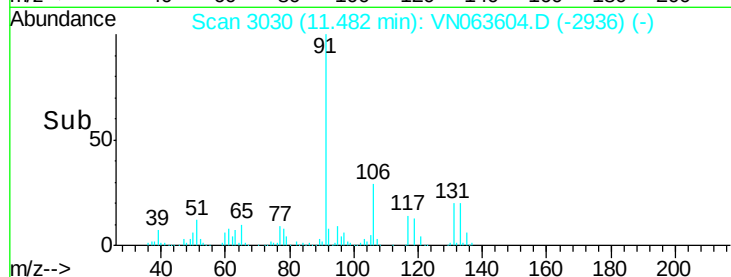
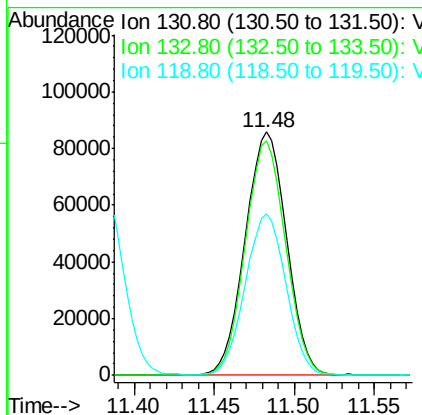
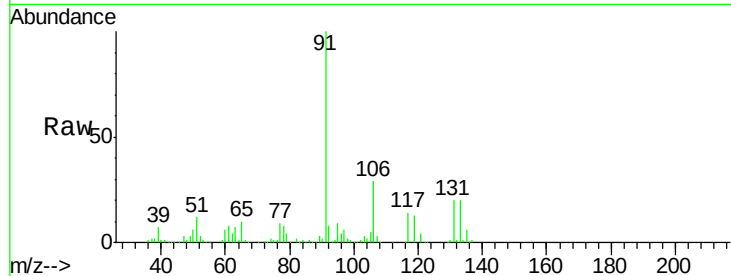
ClientSampleId :

RE131D1-20200916MS

Tot Ion:	131	Resp:	152219
Ion Ratio	Lower	Upper	
131	100		
133	93.8	47.3	141.9
119	65.4	33.6	100.8

Manual Integrations
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#67

Ethyl Benzene

Concen: 49.488 ug/l

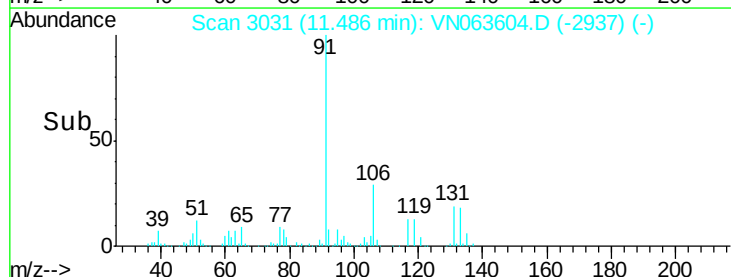
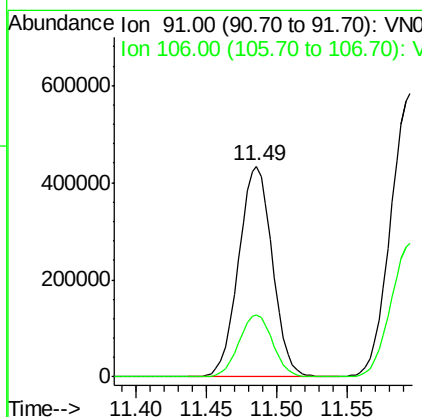
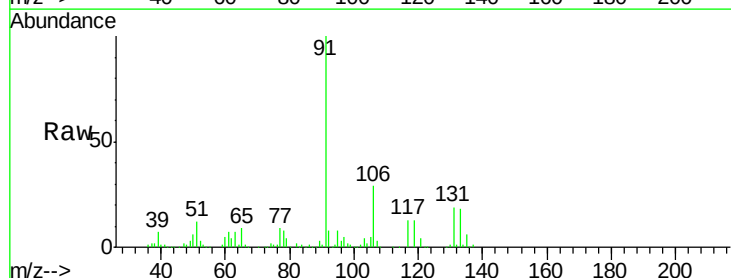
RT: 11.49 min Scan# 3031

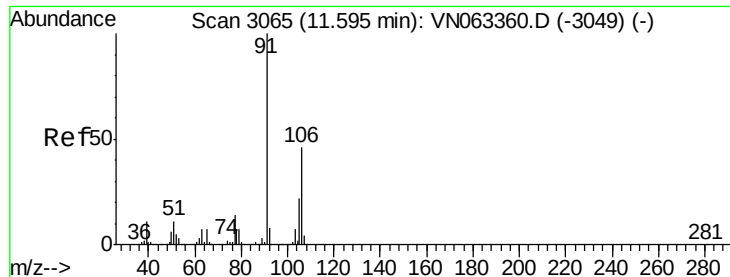
Delta R.T. 0.00 min

Lab File: VN063604.D

Acq: 23 Sep 2020 21:18

Tgt Ion:	91	Resp:	728402
Ion Ratio	Lower	Upper	
91	100		
106	29.5	23.8	35.6





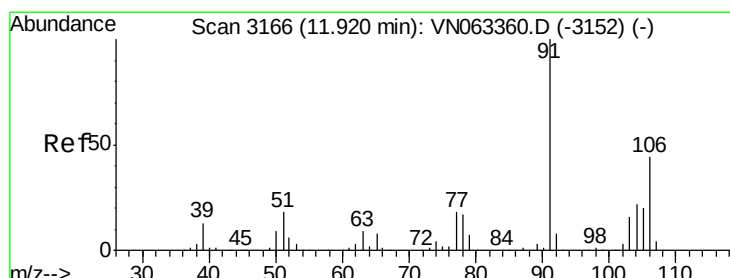
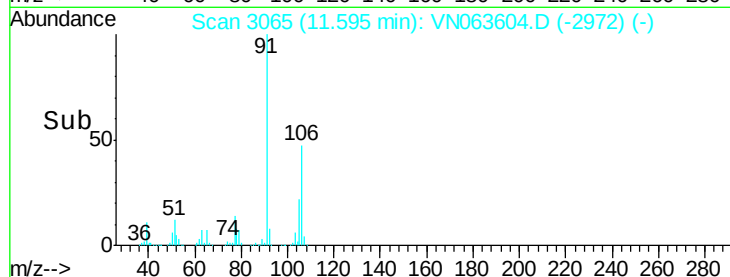
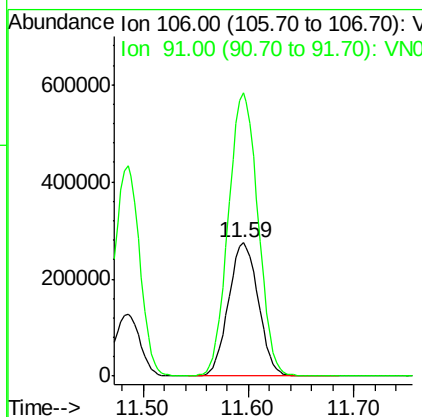
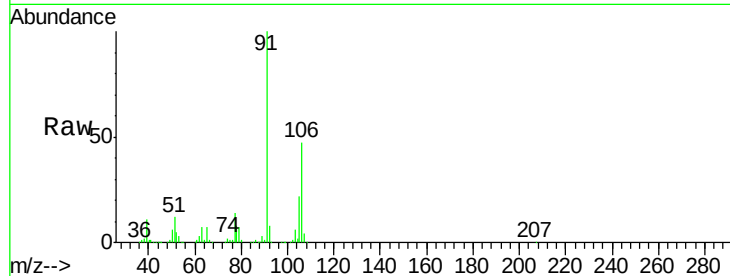
#68
m/p-Xylenes
Concen: 101.265 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN063604.D
Acq: 23 Sep 2020 21:18

Instrument :
MSVOA_N
ClientSampleId :
RE131D1-20200916MS

Tot Ion:106 Resp: 537404
Ion Ratio Lower Upper
106 100
91 211.4 171.2 256.8

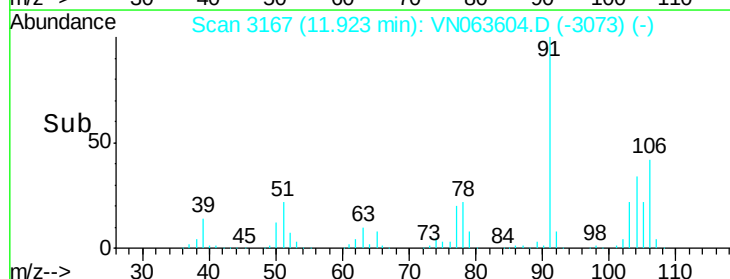
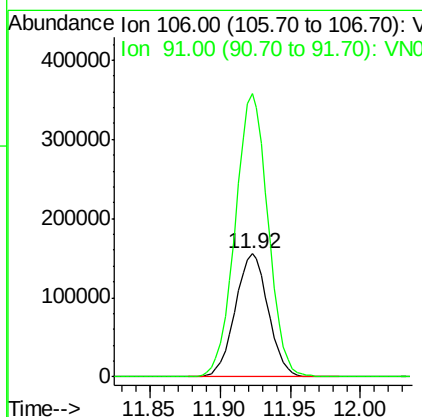
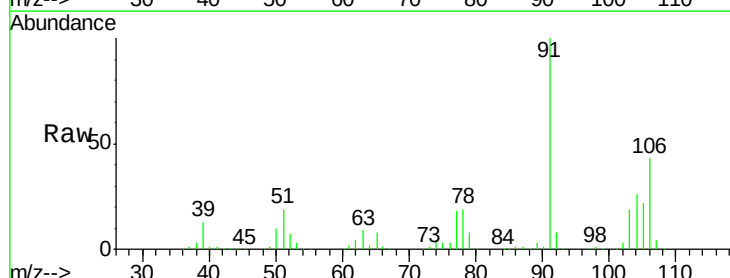
Manual Integrations
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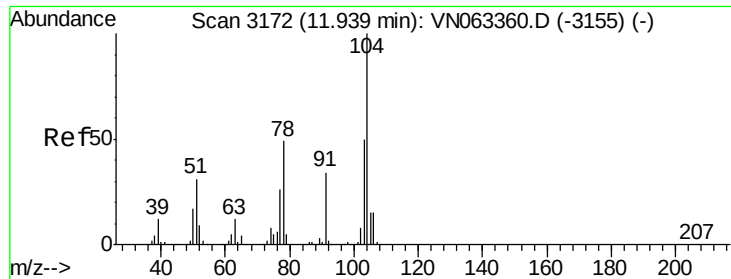
MMDadoda
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#69
o-Xylene
Concen: 50.464 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063604.D
Acq: 23 Sep 2020 21:18

Tgt Ion:106 Resp: 255117
Ion Ratio Lower Upper
106 100
91 228.6 113.6 340.8





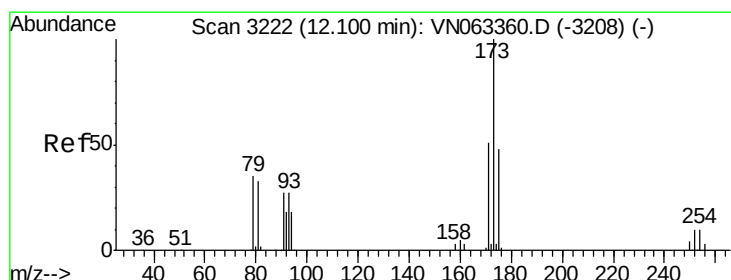
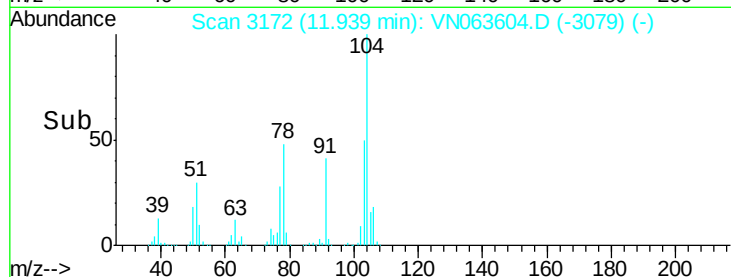
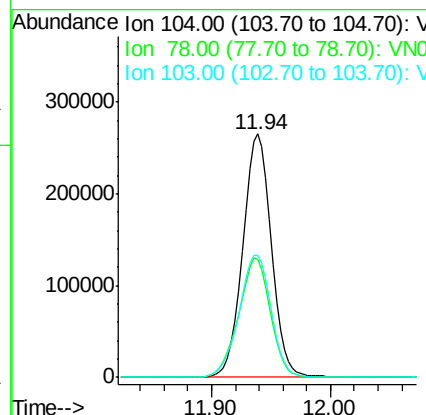
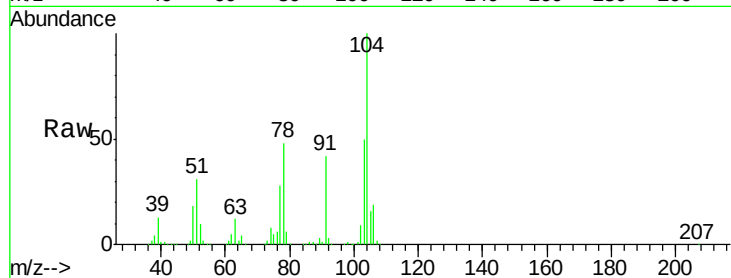
#70
Stvrene
Concen: 51.957 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. -0.00 min
Lab File: VN063604.D
Acq: 23 Sep 2020 21:18

Instrument :
MSVOA_N
ClientSampleId :
RE131D1-20200916MS

Tot Ion	Ratio	Resp	Lower	Upper
104	100	440482		
78	54.4		44.4	66.6
103	56.6		43.7	65.5

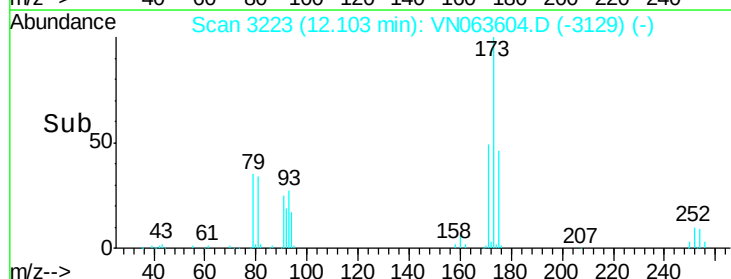
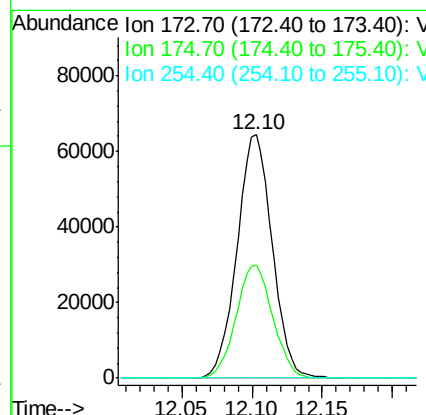
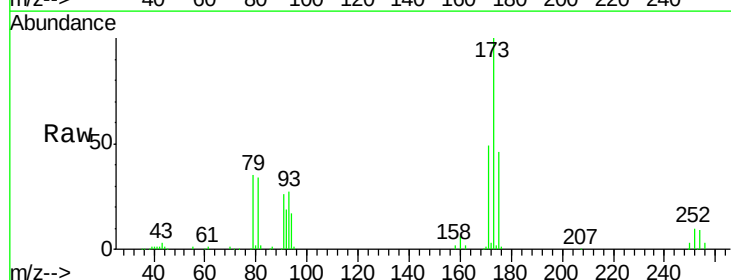
Manual Integrations
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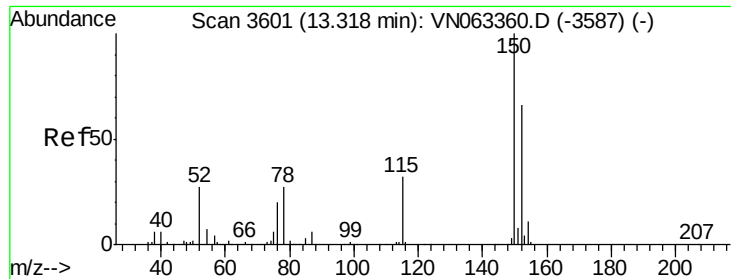
MMDadoda
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#71
Bromoform
Concen: 52.627 ug/l
RT: 12.10 min Scan# 3223
Delta R.T. 0.00 min
Lab File: VN063604.D
Acq: 23 Sep 2020 21:18

Tgt Ion	Ratio	Resp	Lower	Upper
173	100	112325		
175	48.3		24.0	72.0
254	0.0		0.0	0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. -0.00 min

Lab File: VN063604.D

Acq: 23 Sep 2020 21:18

Instrument :

MSVOA_N

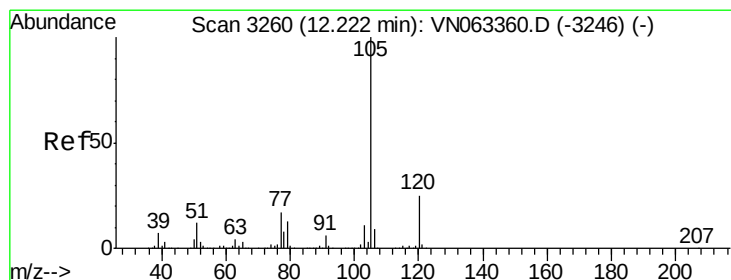
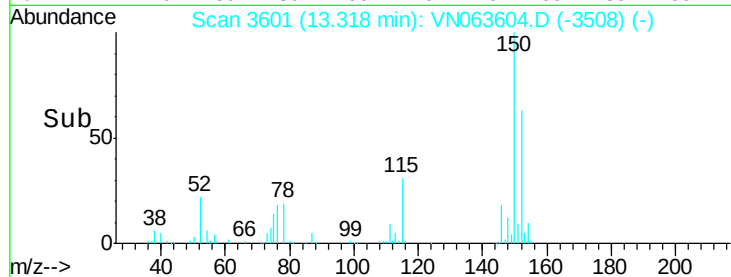
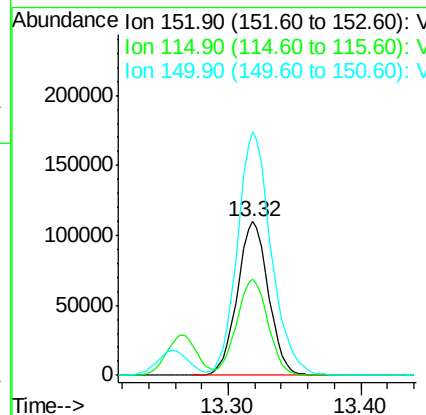
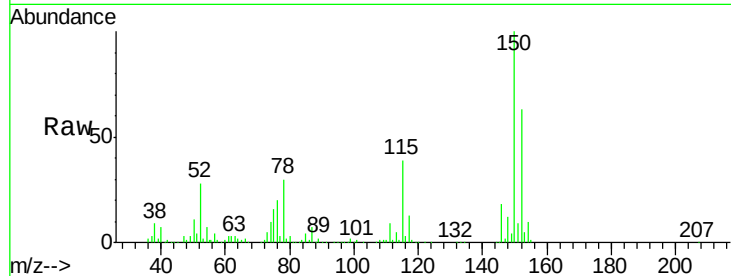
ClientSampleId :

RE131D1-20200916MS

Tot Ion:	152	Resp:	179231
Ion Ratio	Lower	Upper	
152	100		
115	62.9	32.2	96.6
150	171.1	0.0	343.4

Manual Integrations
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#73

Isopropylbenzene

Concen: 47.982 ug/l

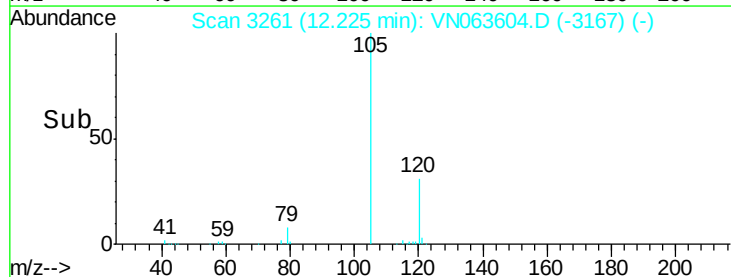
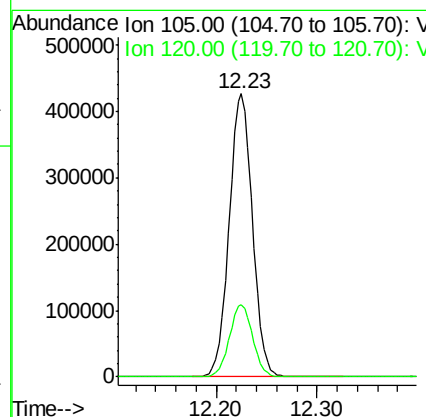
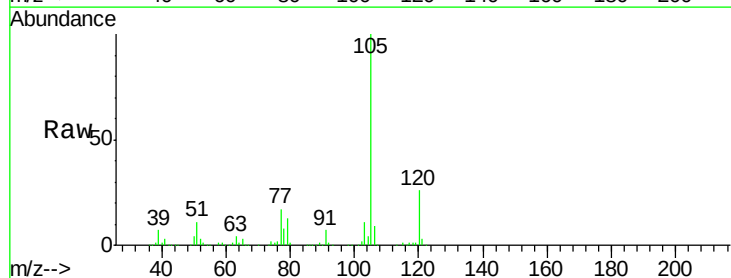
RT: 12.23 min Scan# 3261

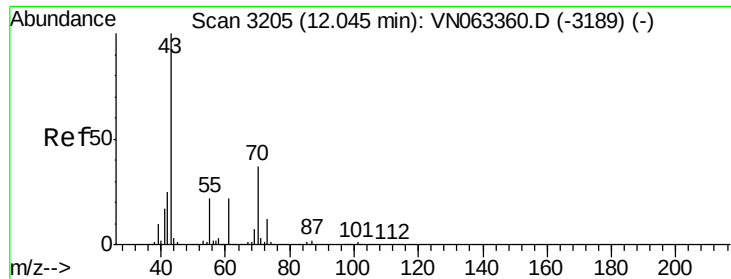
Delta R.T. 0.00 min

Lab File: VN063604.D

Acq: 23 Sep 2020 21:18

Tgt Ion:	105	Resp:	689145
Ion Ratio	Lower	Upper	
105	100		
120	25.5	12.7	38.0





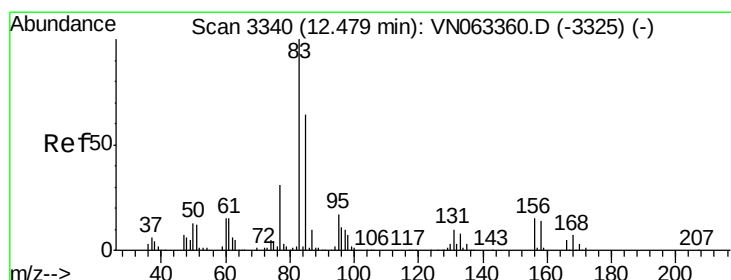
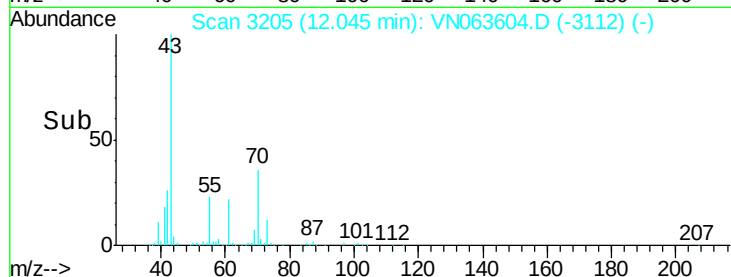
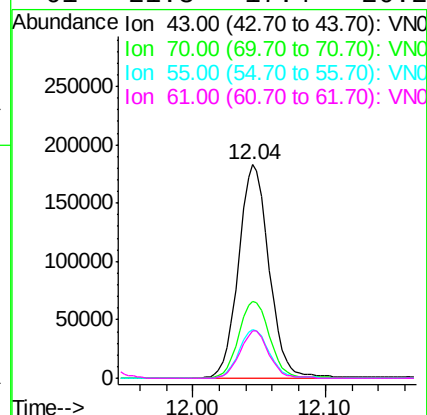
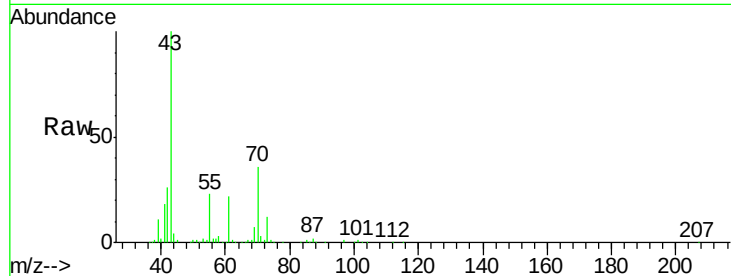
#74
N-amyl acetate
Concen: 42.852 ug/l
RT: 12.04 min Scan# 3205
Delta R.T. -0.00 min
Lab File: VN063604.D
Acq: 23 Sep 2020 21:18

Instrument :
MSVOA_N
ClientSampleId :
RE131D1-20200916MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
43	100		291340		
70	36.7	29.6	44.4		
55	23.0	17.7	26.5		
61	21.3	17.4	26.2		

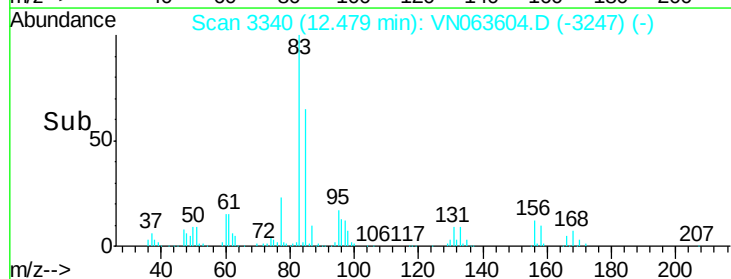
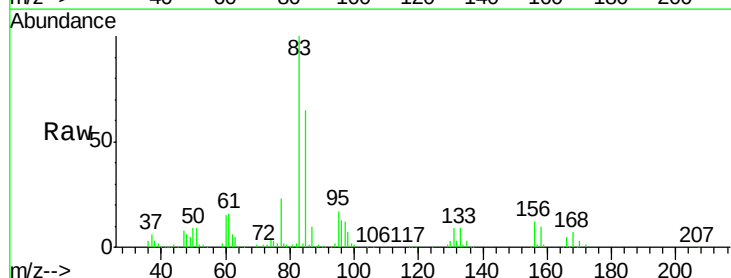
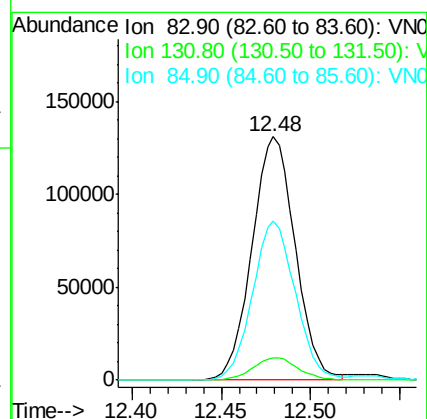
Manual Integrations
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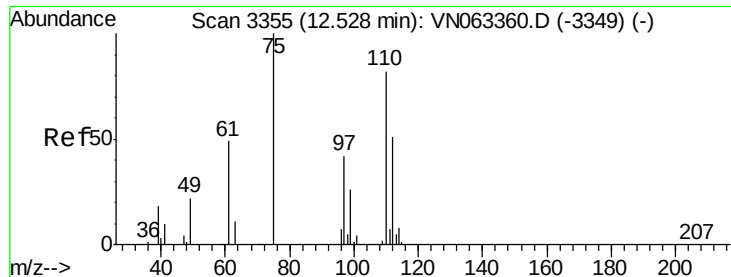
MMDadoda
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#75
1,1,2,2-Tetrachloroethane
Concen: 49.905 ug/l
RT: 12.48 min Scan# 3340
Delta R.T. -0.00 min
Lab File: VN063604.D
Acq: 23 Sep 2020 21:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	100		221931		
131	9.7	4.9	14.7		
85	64.6	32.0	96.0		





#76

1,2,3-Trichloropropane

Concen: 47.393 ug/l m

RT: 12.53 min Scan# 3356

Delta R.T. 0.00 min

Lab File: VN063604.D

Acq: 23 Sep 2020 21:18

Instrument :

MSVOA_N

ClientSampleId :

RE131D1-20200916MS

Tot Ion: 75 Resp: 210245

Ion Ratio Lower Upper

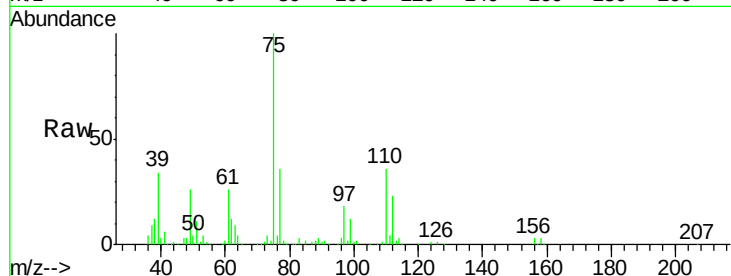
75 100

77 0.0 0.0 0.0

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

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

200000

150000

100000

50000

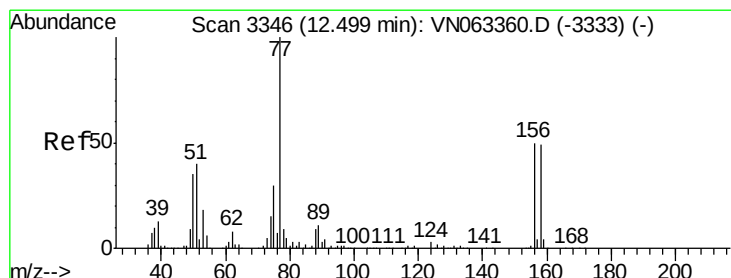
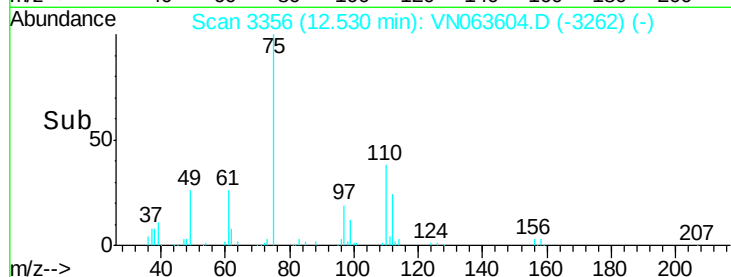
0

12.50

12.53

12.55

Time-->



#77

Bromobenzene

Concen: 51.432 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. 0.00 min

Lab File: VN063604.D

Acq: 23 Sep 2020 21:18

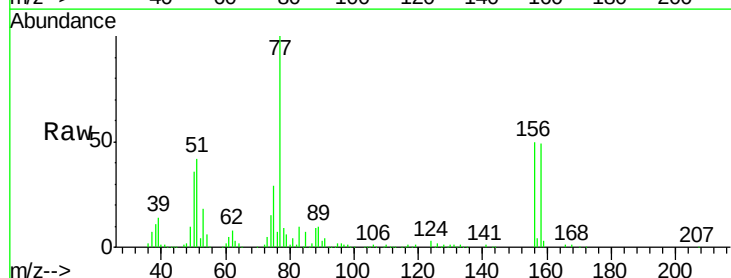
Tgt Ion: 156 Resp: 166164

Ion Ratio Lower Upper

156 100

77 233.8 120.2 360.6

158 96.5 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): VN063360.D (-3333) (-)

Ion 77.00 (76.70 to 77.70): VN063360.D (-3333) (-)

Ion 157.80 (157.50 to 158.50): VN063360.D (-3333) (-)

250000

200000

150000

100000

50000

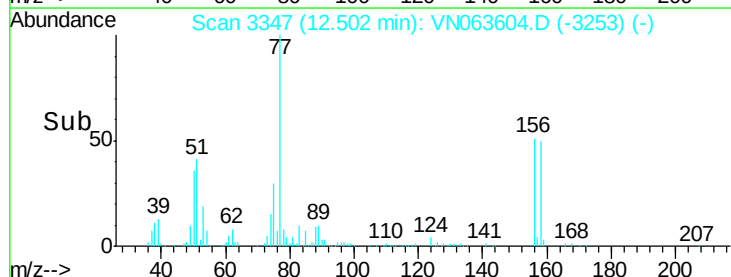
0

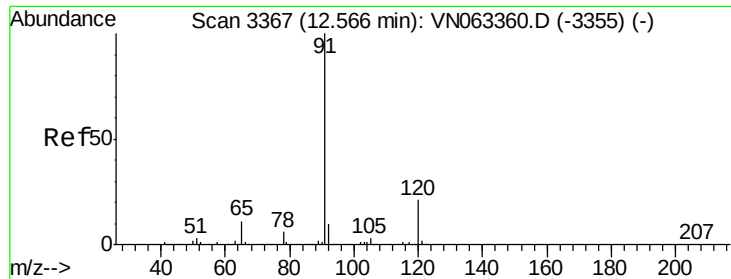
12.40

12.50

12.60

Time-->





#78

n-propylbenzene

Concen: 48.432 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063604.D

Acq: 23 Sep 2020 21:18

Instrument :

MSVOA_N

ClientSampleId :

RE131D1-20200916MS

Tot Ion: 91 Resp: 810180

Ion Ratio Lower Upper

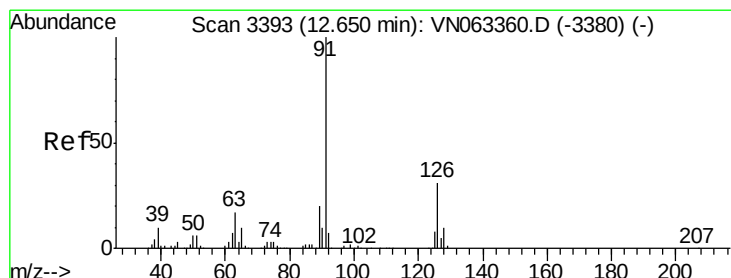
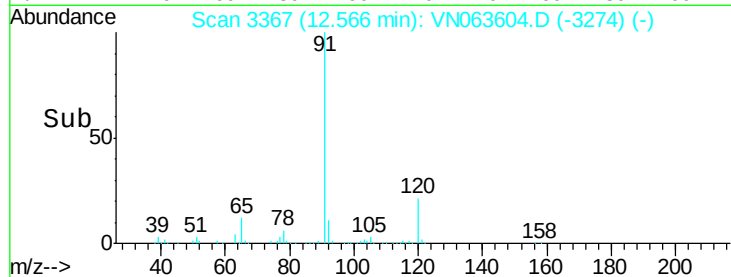
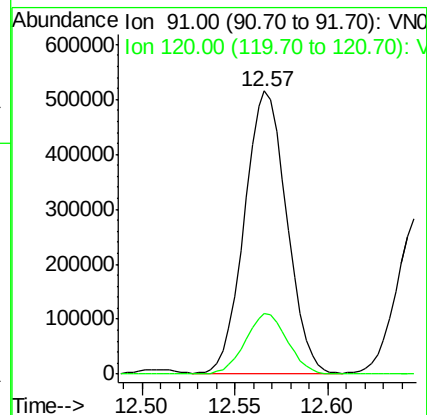
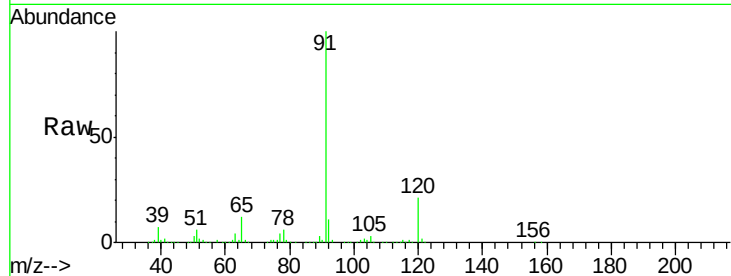
91 100

120 21.4 10.8 32.3

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#79

2-Chlorotoluene

Concen: 49.041 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. -0.00 min

Lab File: VN063604.D

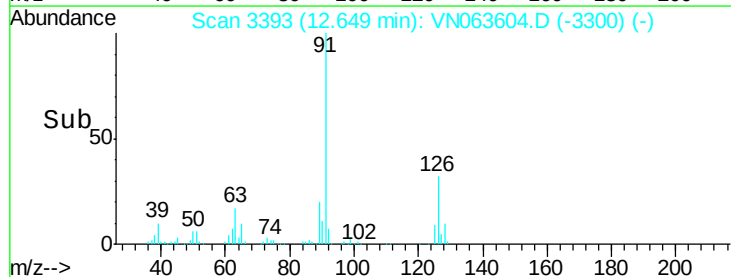
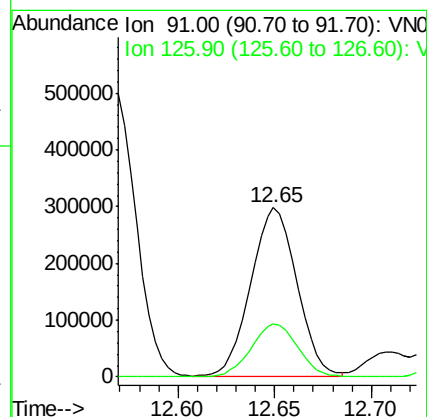
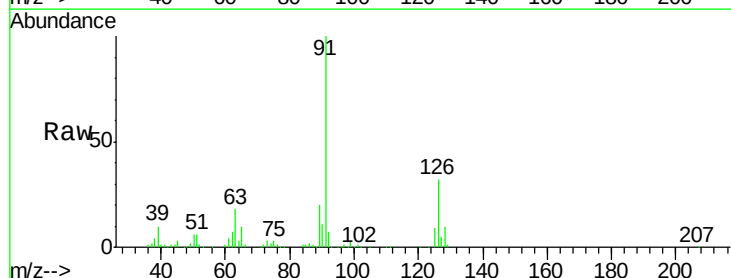
Acq: 23 Sep 2020 21:18

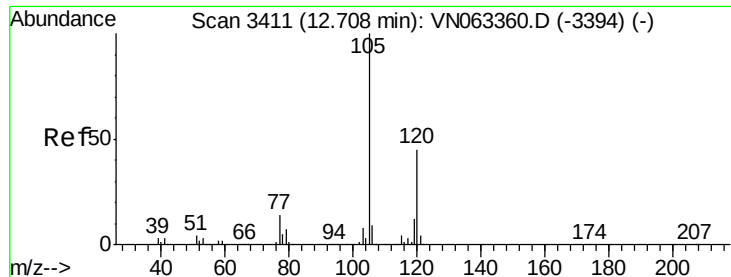
Tgt Ion: 91 Resp: 491777

Ion Ratio Lower Upper

91 100

126 31.9 15.8 47.3





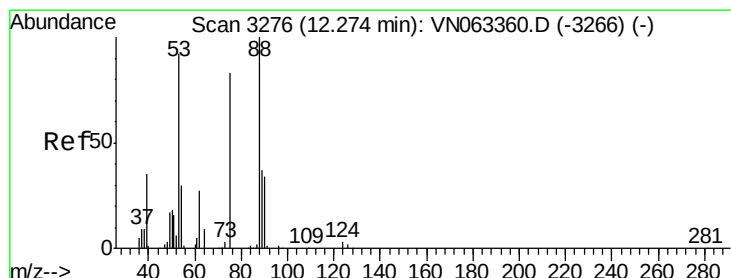
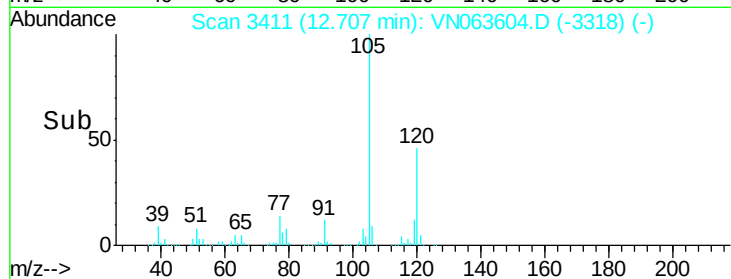
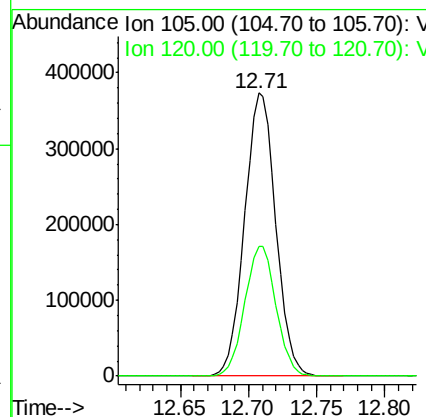
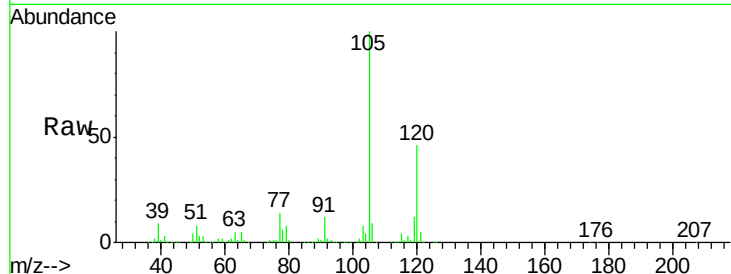
#80
 1,3,5-Trimethylbenzene
 Concen: 49.359 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. -0.00 min
 Lab File: VN063604.D
 Acq: 23 Sep 2020 21:18

Instrument :
 MSVOA_N
 ClientSampleId :
 RE131D1-20200916MS

Tot Ion	Ratio	Resp	Lower	Upper
105	100	591155		
120	46.3	22.9	68.8	

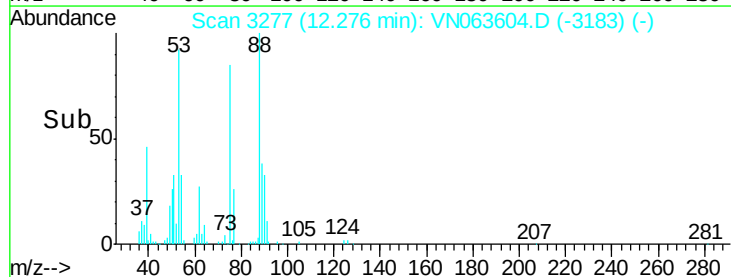
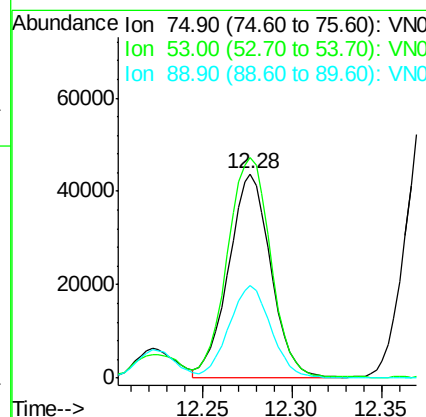
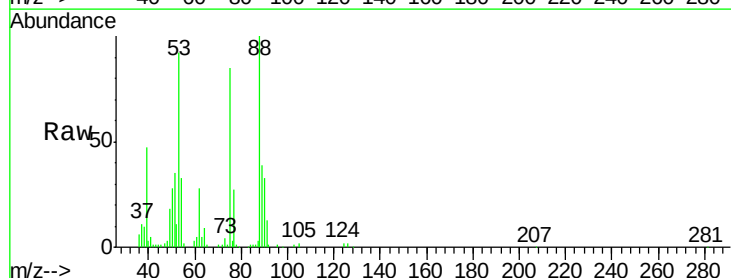
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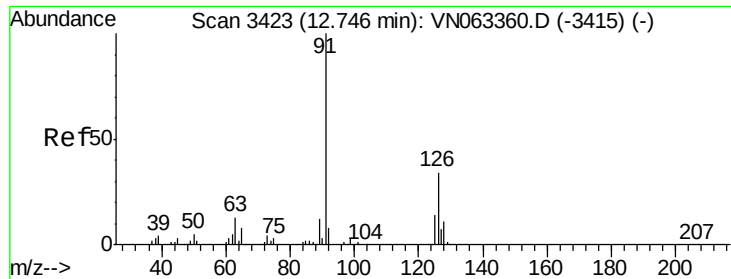
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 44.600 ug/l
 RT: 12.28 min Scan# 3277
 Delta R.T. 0.00 min
 Lab File: VN063604.D
 Acq: 23 Sep 2020 21:18

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	72167		
53	111.3	85.7	128.5	
89	45.1	38.0	57.0	





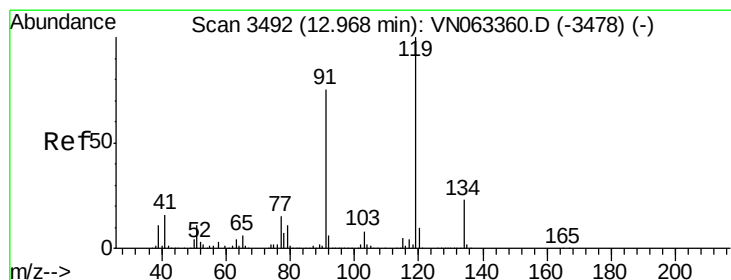
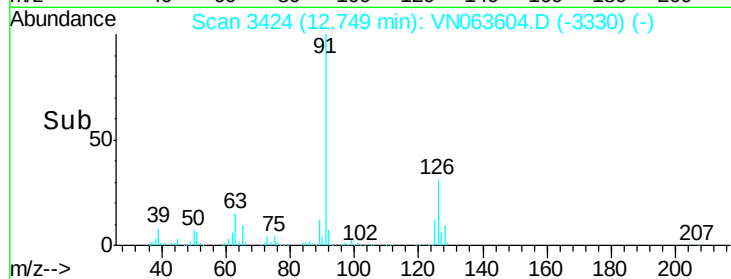
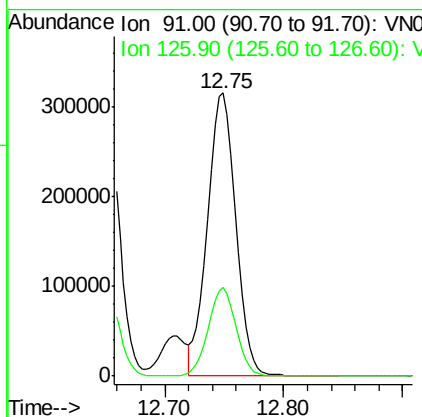
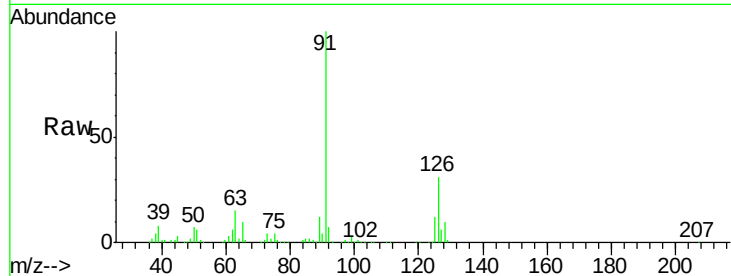
#82
4-Chlorotoluene
Concen: 48.932 ug/l
RT: 12.75 min Scan# 3424
Delta R.T. 0.00 min
Lab File: VN063604.D
Acq: 23 Sep 2020 21:18

Instrument :
MSVOA_N
ClientSampleId :
RE131D1-20200916MS

Tot Ion	Ratio	Lower	Upper
91	100		
126	30.8	15.5	46.5

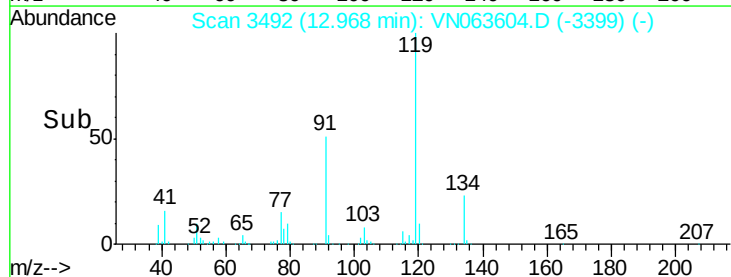
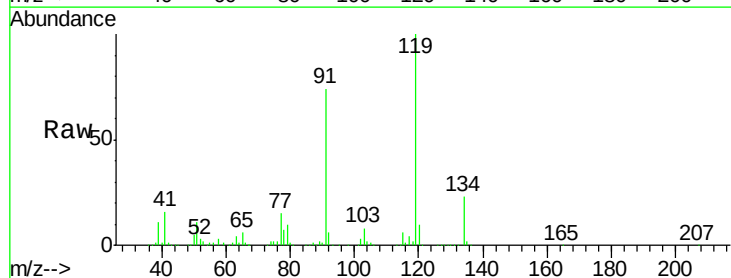
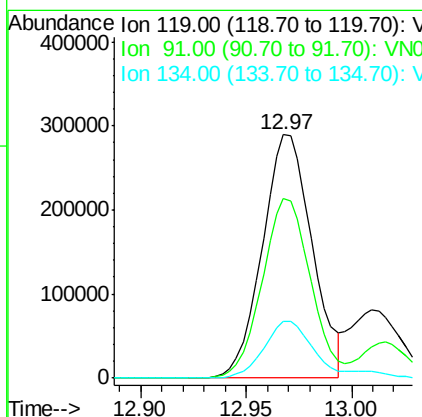
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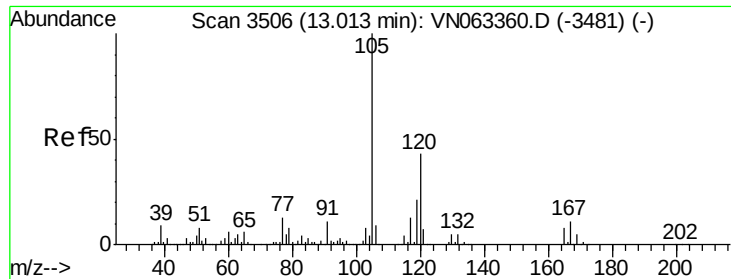
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#83
tert-Butylbenzene
Concen: 48.064 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. -0.00 min
Lab File: VN063604.D
Acq: 23 Sep 2020 21:18

Tgt Ion	Ratio	Lower	Upper
119	100		
91	71.6	36.3	108.9
134	22.6	12.3	36.8





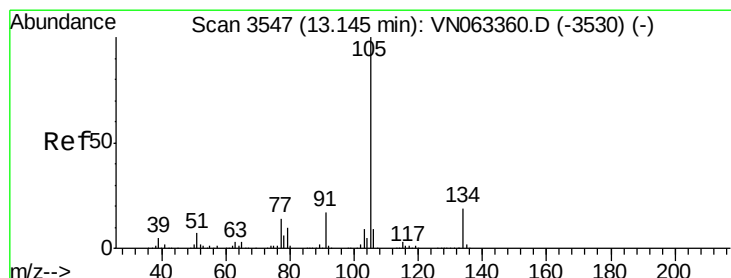
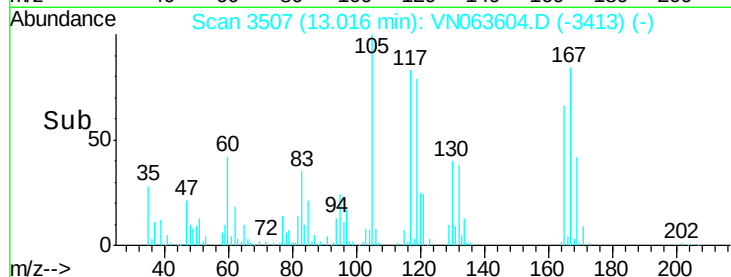
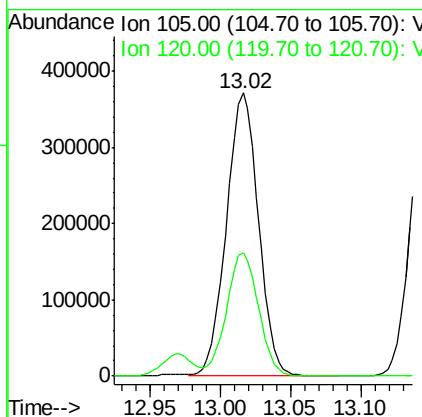
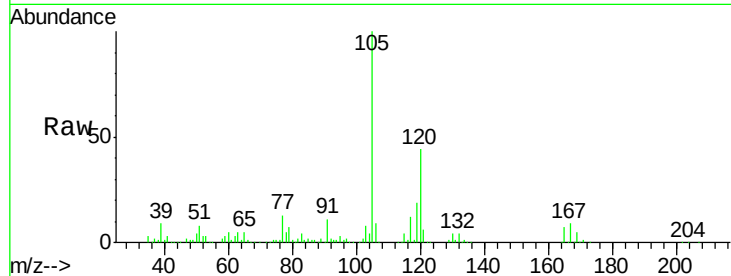
#84
 1,2,4-Trimethylbenzene
 Concen: 48.710 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. 0.00 min
 Lab File: VN063604.D
 Acq: 23 Sep 2020 21:18

Instrument :
 MSVOA_N
 ClientSampleId :
 RE131D1-20200916MS

Tot Ion	Ratio	Lower	Upper
105	100		
120	43.6	21.3	63.9

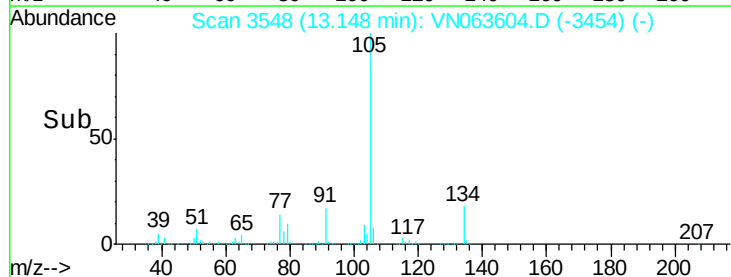
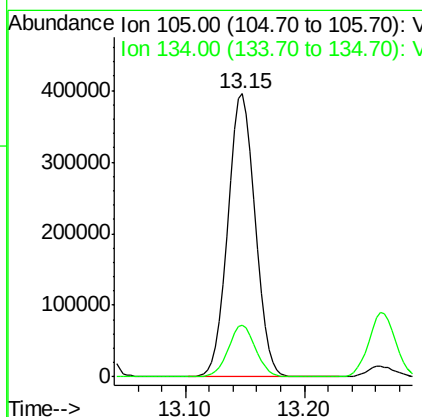
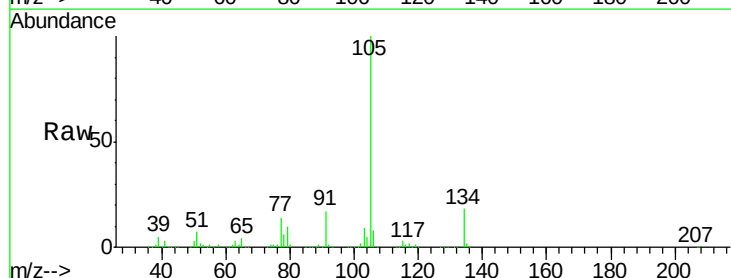
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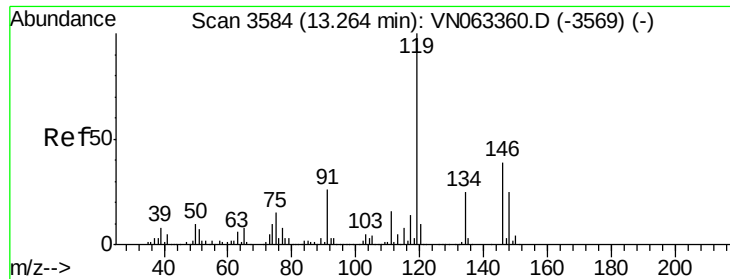
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#85
 sec-Butylbenzene
 Concen: 47.519 ug/l
 RT: 13.15 min Scan# 3548
 Delta R.T. 0.00 min
 Lab File: VN063604.D
 Acq: 23 Sep 2020 21:18

Tgt Ion	Ratio	Lower	Upper
105	100		
134	18.2	9.3	27.7





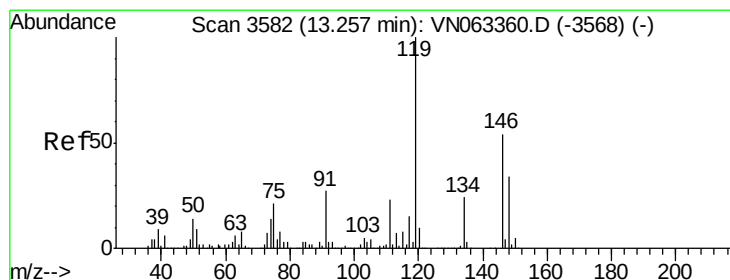
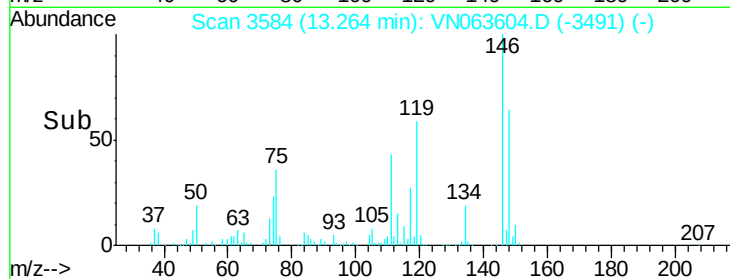
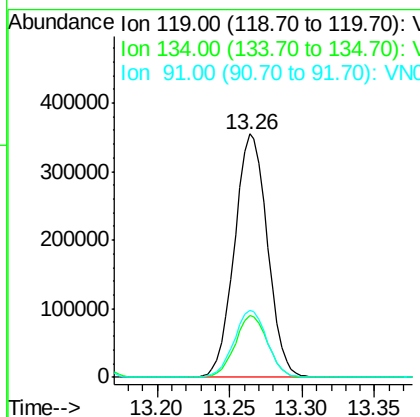
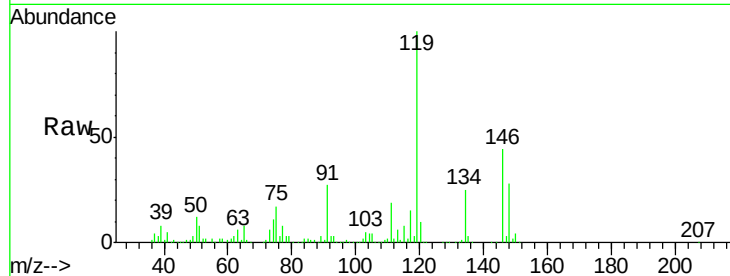
#86
 p-Isopropyltoluene
 Concen: 47.763 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. -0.00 min
 Lab File: VN063604.D
 Acq: 23 Sep 2020 21:18

Instrument :
 MSVOA_N
 ClientSampleId :
 RE131D1-20200916MS

Tot Ion	Ratio	Resp	Lower	Upper
119	100	557410		
134	25.2		12.5	37.5
91	27.4		13.4	40.1

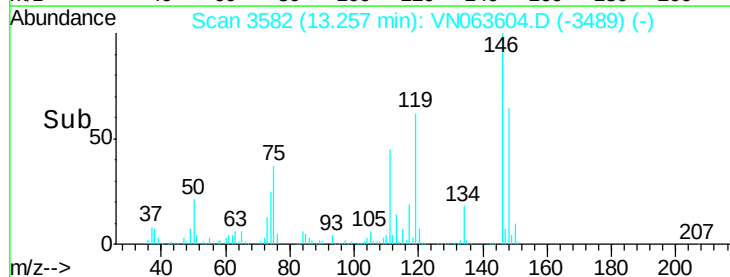
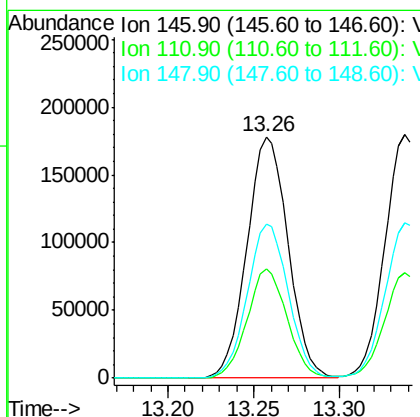
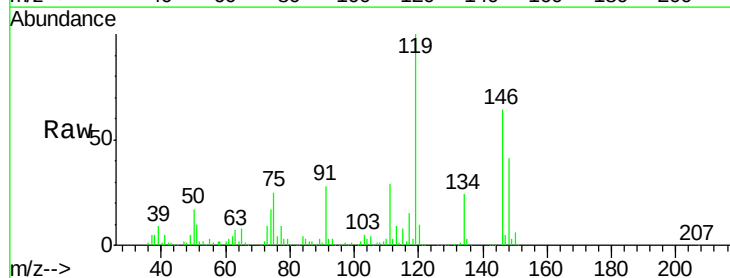
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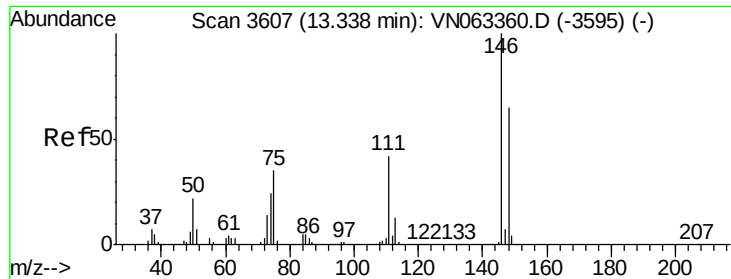
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#87
 1,3-Dichlorobenzene
 Concen: 49.291 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN063604.D
 Acq: 23 Sep 2020 21:18

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	295160		
111	43.8		21.4	64.3
148	63.6		31.9	95.7





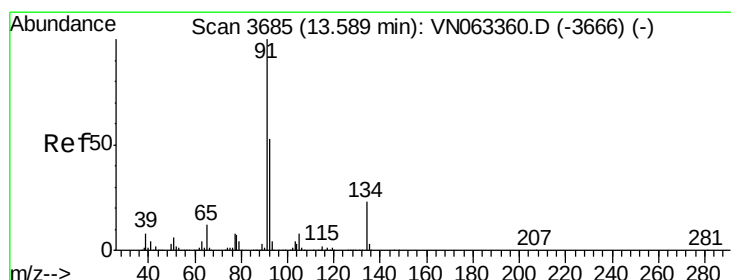
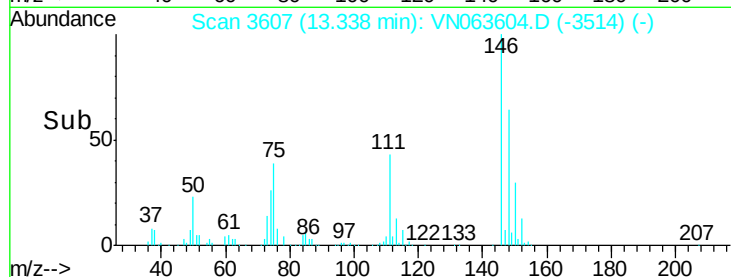
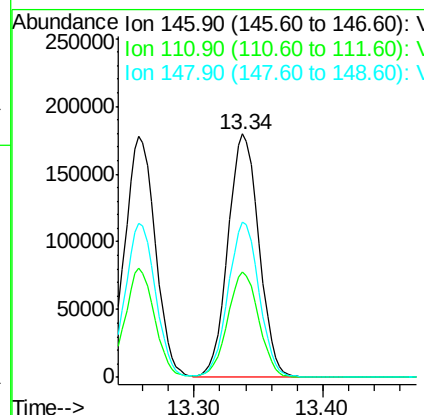
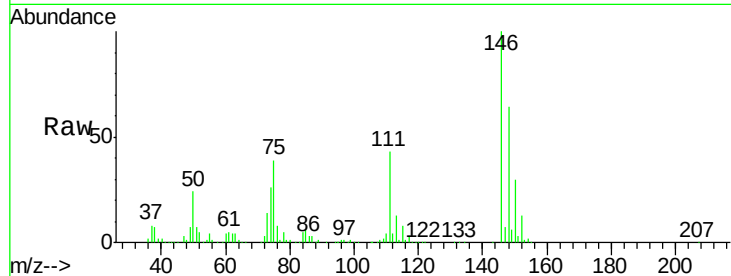
#88
 1,4-Dichlorobenzene
 Concen: 49.052 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. -0.00 min
 Lab File: VN063604.D
 Acq: 23 Sep 2020 21:18

Instrument :
 MSVOA_N
 ClientSampleId :
 RE131D1-20200916MS

Tot Ion	Ratio	Resp	Lower	Upper
146	100	298634		
111	43.5	21.2	63.6	
148	64.2	31.9	95.9	

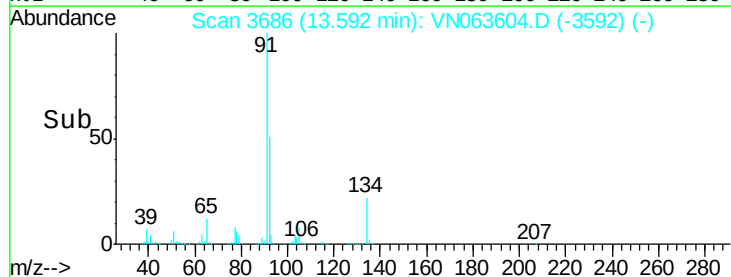
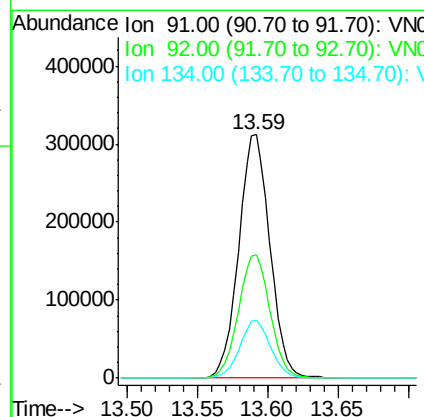
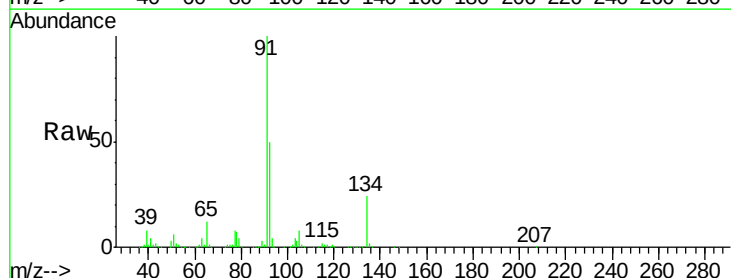
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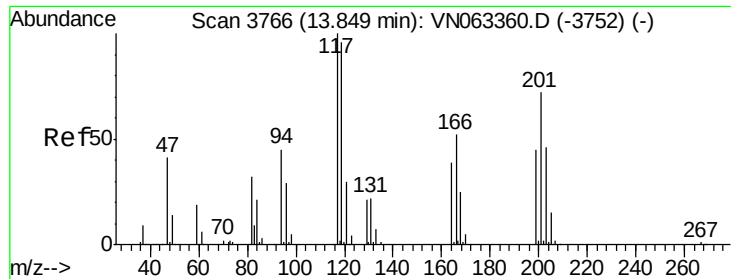
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#89
 n-Butylbenzene
 Concen: 44.974 ug/l
 RT: 13.59 min Scan# 3686
 Delta R.T. 0.00 min
 Lab File: VN063604.D
 Acq: 23 Sep 2020 21:18

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	483785		
92	51.5	26.0	78.0	
134	23.4	11.7	35.0	





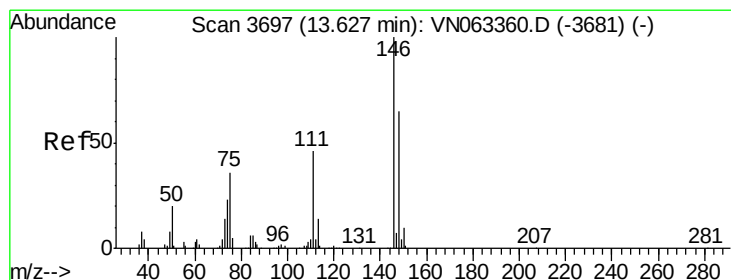
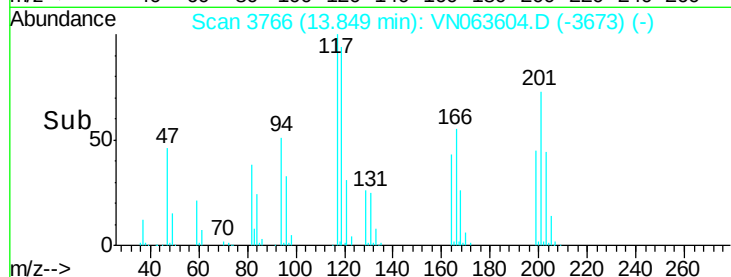
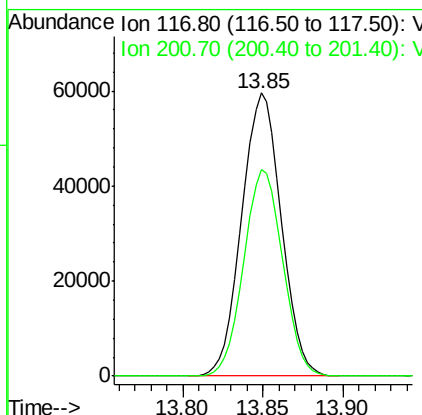
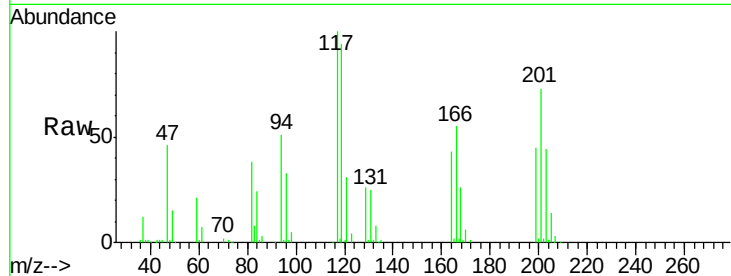
#90
Hexachloroethane
Concen: 45.283 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. -0.00 min
Lab File: VN063604.D
Acq: 23 Sep 2020 21:18

Instrument :
MSVOA_N
ClientSampleId :
RE131D1-20200916MS

Tot Ion	Ratio	Lower	Upper
117	100		
201	71.5	35.5	106.7

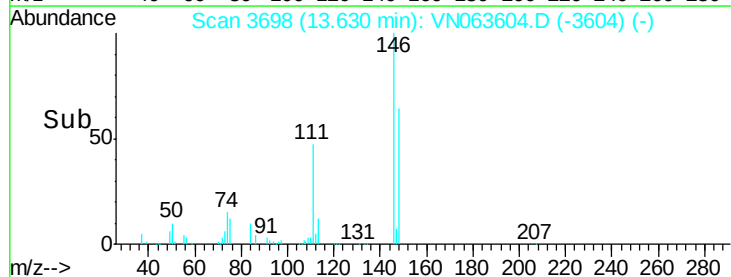
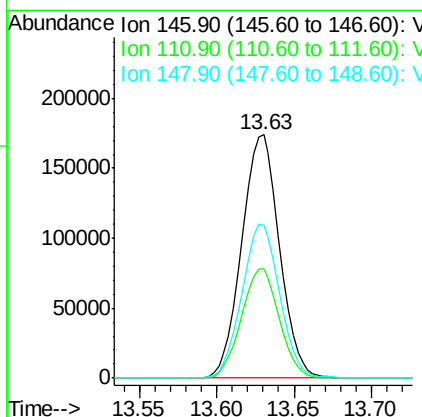
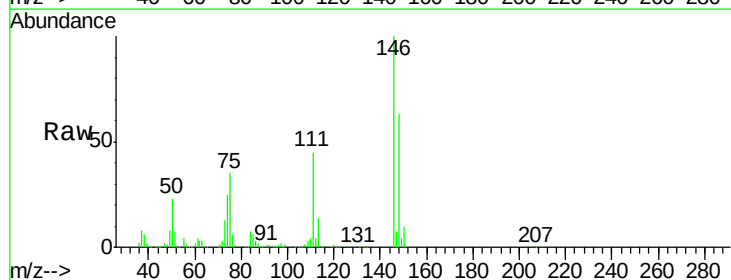
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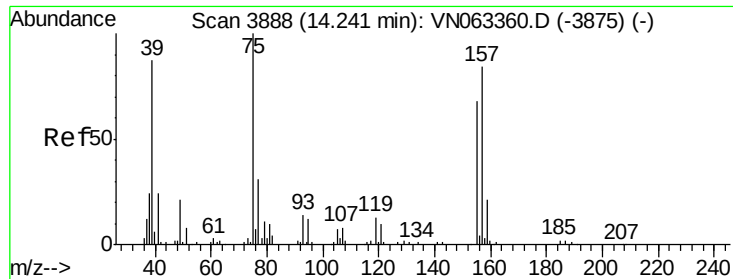
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#91
1,2-Dichlorobenzene
Concen: 50.350 ug/l
RT: 13.63 min Scan# 3698
Delta R.T. 0.00 min
Lab File: VN063604.D
Acq: 23 Sep 2020 21:18

Tgt Ion	Ratio	Lower	Upper
146	100		
111	45.2	22.4	67.2
148	63.4	32.0	96.0





#92

1,2-Dibromo-3-Chloropropane

Concen: 48.083 ug/l

RT: 14.24 min Scan# 3889

Delta R.T. 0.00 min

Lab File: VN063604.D

Acq: 23 Sep 2020 21:18

Instrument :

MSVOA_N

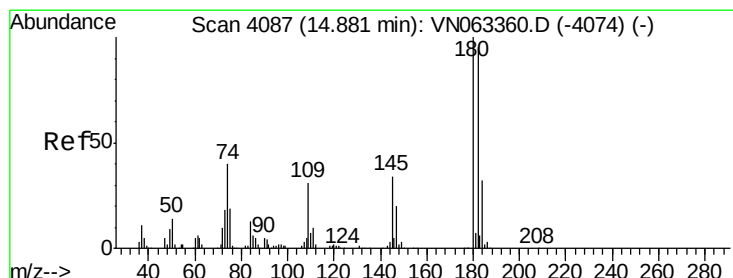
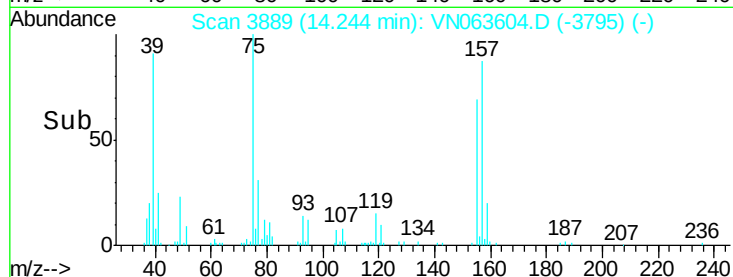
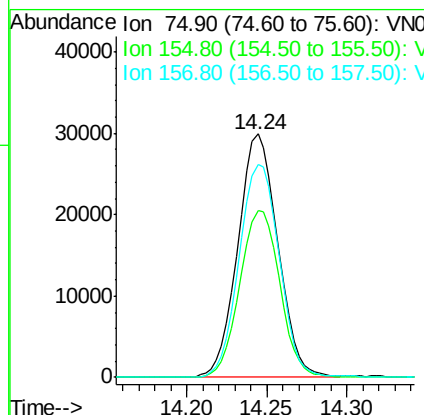
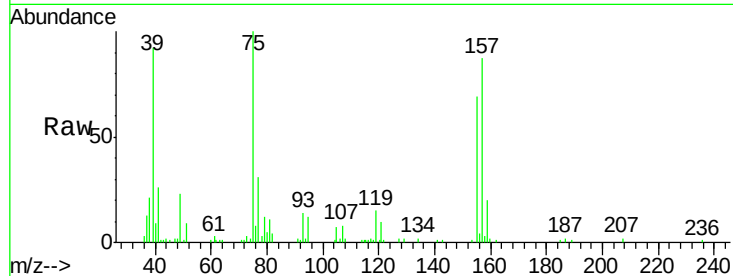
ClientSampleId :

RE131D1-20200916MS

Tot Ion:	75	Resp:	50918
Ion Ratio	Lower	Upper	
75	100		
155	68.8	34.6	103.9
157	87.8	43.7	131.1

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#93

1,2,4-Trichlorobenzene

Concen: 44.605 ug/l

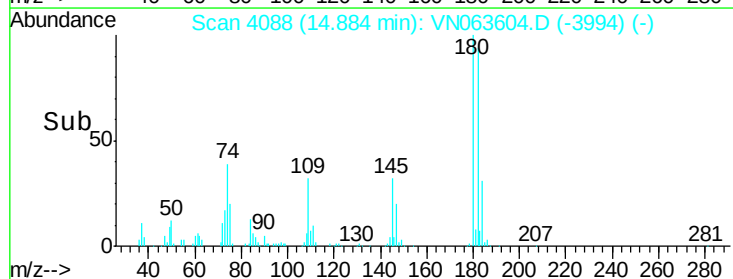
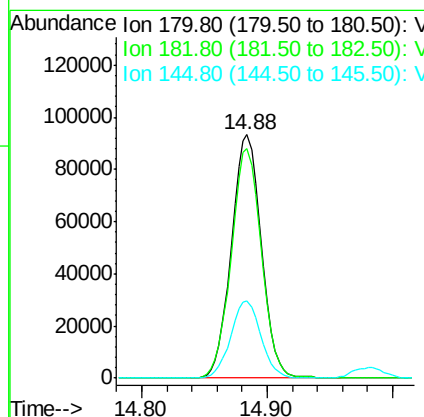
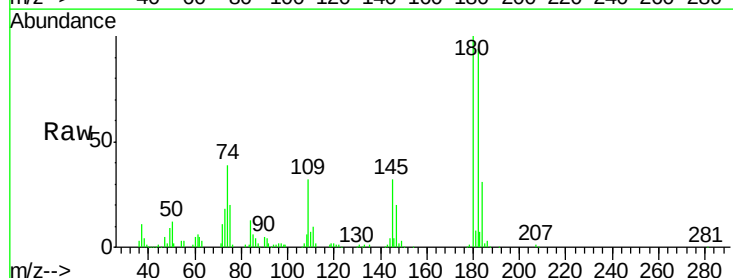
RT: 14.88 min Scan# 4088

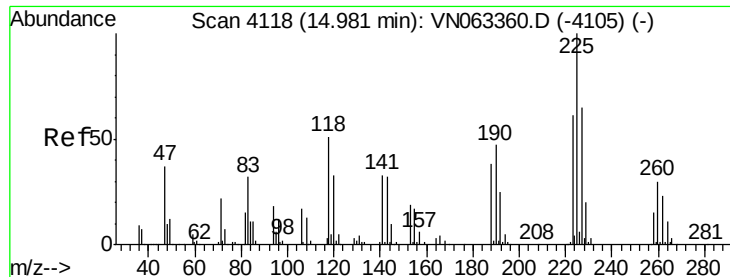
Delta R.T. 0.00 min

Lab File: VN063604.D

Acq: 23 Sep 2020 21:18

Tgt Ion:	180	Resp:	154595
Ion Ratio	Lower	Upper	
180	100		
182	95.0	47.3	142.0
145	32.1	16.6	49.7





#94

Hexachlorobutadiene

Concen: 50.241 ug/l

RT: 14.98 min Scan# 4119

Delta R.T. 0.00 min

Lab File: VN063604.D

Acq: 23 Sep 2020 21:18

Instrument :

MSVOA_N

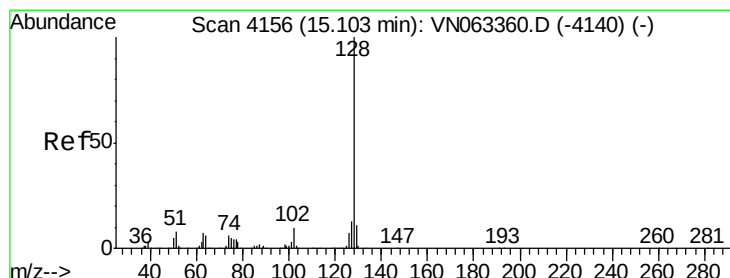
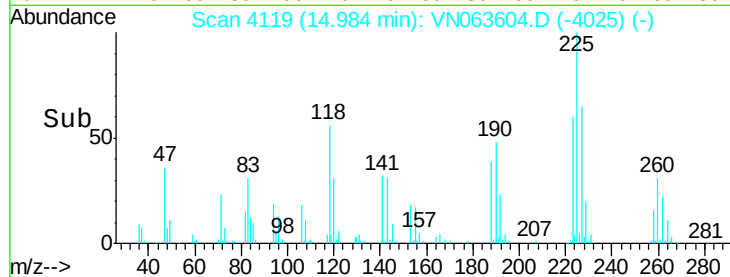
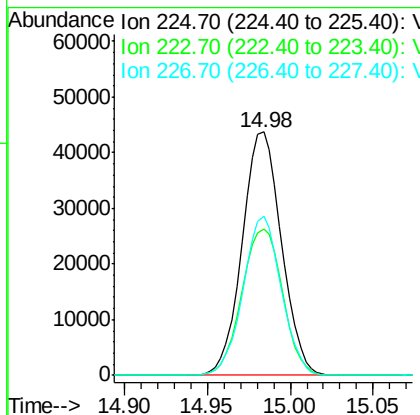
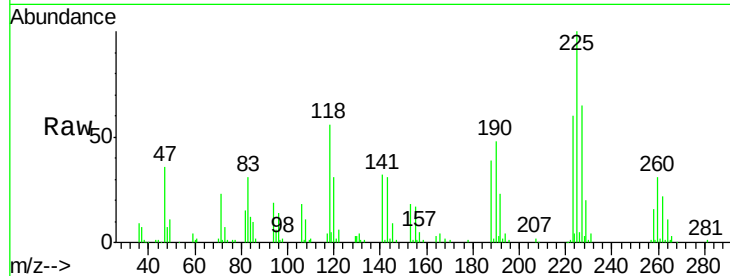
ClientSampleId :

RE131D1-20200916MS

Tot Ion:	225	Resp:	72087
Ion Ratio	Lower	Upper	
225	100		
223	62.4	30.6	91.6
227	63.4	31.2	93.6

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#95

Naphthalene

Concen: 44.435 ug/l

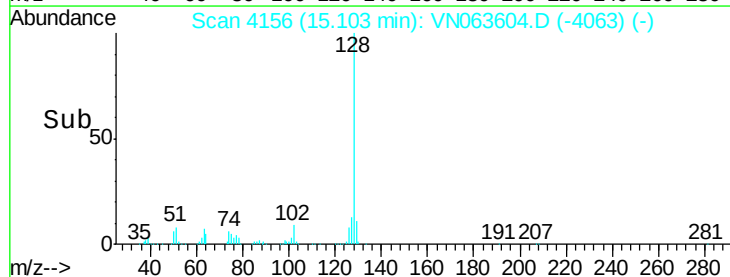
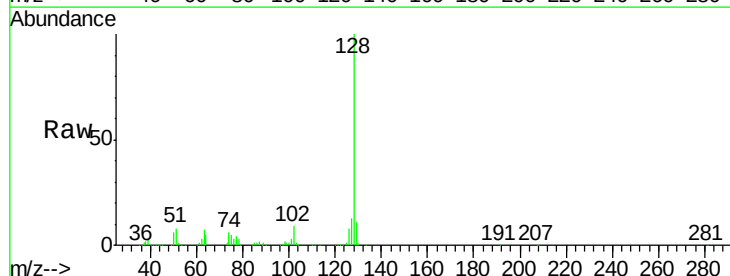
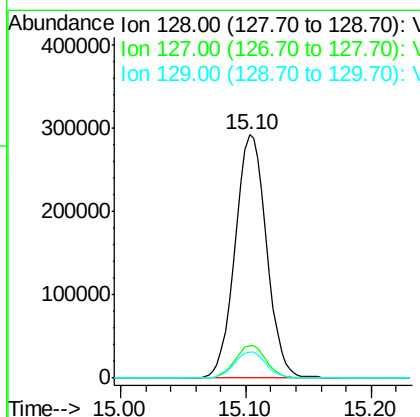
RT: 15.10 min Scan# 4156

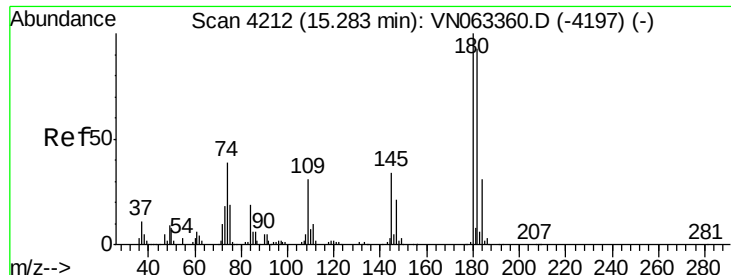
Delta R.T. -0.00 min

Lab File: VN063604.D

Acq: 23 Sep 2020 21:18

Tgt Ion:	128	Resp:	508801
Ion Ratio	Lower	Upper	
128	100		
127	13.5	10.6	15.8
129	10.9	8.8	13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 45.261 ug/l
 RT: 15.28 min Scan# 4212
 Delta R.T. -0.00 min
 Lab File: VN063604.D
 Acq: 23 Sep 2020 21:18

Instrument :
 MSVOA_N
 ClientSampleId :
 RE131D1-20200916MS

Tot Ion:	180	Resp:	151570
Ion Ratio	Lower	Upper	
180	100		
182	96.0	46.7	140.1
145	34.9	16.8	50.3

Manual Integrations
 APPROVED

MMDadoda
 9/24/2020 1:38:11 PM

