

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092220\
 Data File : VN063530.D
 Acq On : 22 Sep 2020 14:09
 Operator : JC/MD
 Sample : VN0922WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0922WBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/23/2020 1:05:44 PM

Quant Time: Sep 23 04:16:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	264621	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	455419	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	421888	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	193193	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	222784	49.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.92%	
35) Dibromofluoromethane	7.55	113	157976	50.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.22%	
50) Toluene-d8	10.06	98	587661	49.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.14%	
62) 4-Bromofluorobenzene	12.38	95	225038	51.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	52404	17.480	ug/l	97
3) Chloromethane	2.04	50	64043	16.148	ug/l	99
4) Vinyl Chloride	2.16	62	64037	18.225	ug/l	96
5) Bromomethane	2.53	94	41837	20.054	ug/l	99
6) Chloroethane	2.68	64	39448	18.289	ug/l	94
7) Trichlorofluoromethane	2.99	101	102291	19.512	ug/l	95
8) Diethyl Ether	3.37	74	38513	18.845	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.72	101	56225	19.071	ug/l	99
10) Methyl Iodide	3.91	142	67872	17.682	ug/l	99
11) Tert butyl alcohol	4.72	59	48184	77.213	ug/l	98
12) 1,1-Dichloroethene	3.70	96	53844	18.031	ug/l	99
13) Acrolein	3.57	56	20356	88.022	ug/l	99
14) Allyl chloride	4.27	41	100933	17.087	ug/l	96
15) Acrylonitrile	4.93	53	140702	88.640	ug/l	99
16) Acetone	3.77	43	122375	84.531	ug/l	100
17) Carbon Disulfide	4.01	76	143229	16.489	ug/l	99
18) Methyl Acetate	4.28	43	67250	18.299	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	198593	17.843	ug/l	95
20) Methylene Chloride	4.51	84	67589	18.427	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	58951	17.818	ug/l	89
22) Diisopropyl ether	5.90	45	217335	18.041	ug/l	94
23) Vinyl Acetate	5.84	43	886604	89.613	ug/l	100
24) 1,1-Dichloroethane	5.79	63	116868	17.769	ug/l	99
25) 2-Butanone	6.78	43	193005	86.685	ug/l	100
26) 2,2-Dichloropropane	6.77	77	99523	17.187	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	68992	18.423	ug/l	100
28) Bromochloromethane	7.15	49	55332	18.221	ug/l	98
29) Tetrahydrofuran	7.16	42	129954	85.459	ug/l	98
30) Chloroform	7.33	83	121232	18.372	ug/l	98
31) Cyclohexane	7.61	56	101970	16.391	ug/l #	95
32) 1,1,1-Trichloroethane	7.53	97	107351	18.291	ug/l	98
36) 1,1-Dichloropropene	7.75	75	85753	17.674	ug/l	97
37) Ethyl Acetate	6.88	43	80310	16.865	ug/l	97
38) Carbon Tetrachloride	7.73	117	91779	18.531	ug/l	98

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 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)
39) Methylcyclohexane	9.05	83	89856	17.064	ug/l	99
40) Benzene	8.00	78	255074	18.417	ug/l	99
41) Methacrylonitrile	7.13	41	38483m	17.968	ug/l	
42) 1,2-Dichloroethane	8.08	62	104676	18.793	ug/l	99
43) Isopropyl Acetate	8.13	43	150740	17.703	ug/l	98
44) Trichloroethene	8.80	130	64899	19.319	ug/l	99
45) 1,2-Dichloropropane	9.08	63	71741	19.018	ug/l	97
46) Dibromomethane	9.17	93	46564	18.781	ug/l	99
47) Bromodichloromethane	9.37	83	95109	18.465	ug/l	98
48) Methyl methacrylate	9.16	41	72999	17.450	ug/l	96
49) 1,4-Dioxane	9.17	88	19453	324.036	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	425831	89.332	ug/l	99
52) Toluene	10.12	92	159026	19.097	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	103603	18.017	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	108635	17.911	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	64732	19.571	ug/l	98
56) Ethyl methacrylate	10.40	69	92394	17.893	ug/l	98
57) 1,3-Dichloropropane	10.68	76	111404	18.677	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	232487	85.829	ug/l	98
59) 2-Hexanone	10.72	43	303700	87.941	ug/l	100
60) Dibromochloromethane	10.87	129	67647	18.103	ug/l	99
61) 1,2-Dibromoethane	10.97	107	65269	18.994	ug/l	97
64) Tetrachloroethene	10.60	164	59600	20.747	ug/l	93
65) Chlorobenzene	11.41	112	163963	18.309	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	62515	19.043	ug/l	99
67) Ethyl Benzene	11.48	91	310590	18.416	ug/l	99
68) m/p-Xylenes	11.59	106	221641	36.450	ug/l	99
69) o-Xylene	11.92	106	109502	18.904	ug/l	99
70) Styrene	11.94	104	184408	18.984	ug/l	99
71) Bromoform	12.10	173	42863	17.527	ug/l #	99
73) Isopropylbenzene	12.22	105	292264	18.878	ug/l	99
74) N-amyl acetate	12.05	43	125730	17.156	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.48	83	89367	18.643	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	80929m	16.924	ug/l	
77) Bromobenzene	12.50	156	70087	20.126	ug/l	94
78) n-propylbenzene	12.57	91	342578	18.999	ug/l	100
79) 2-Chlorotoluene	12.65	91	202636	18.747	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	246080	19.062	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.28	75	29454	16.887	ug/l	98
82) 4-Chlorotoluene	12.75	91	219638	19.232	ug/l	99
83) tert-Butylbenzene	12.97	119	197873	18.571	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	249029	19.098	ug/l	100
85) sec-Butylbenzene	13.14	105	265365	18.606	ug/l	100
86) p-Isopropyltoluene	13.26	119	230412	18.317	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	123140	19.078	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	124524	18.975	ug/l	98
89) n-Butylbenzene	13.59	91	214644	18.512	ug/l	98
90) Hexachloroethane	13.85	117	40066	16.727	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	120527	19.020	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	19367	16.967	ug/l	95

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ClientSampleId :
VN0922WBSD01

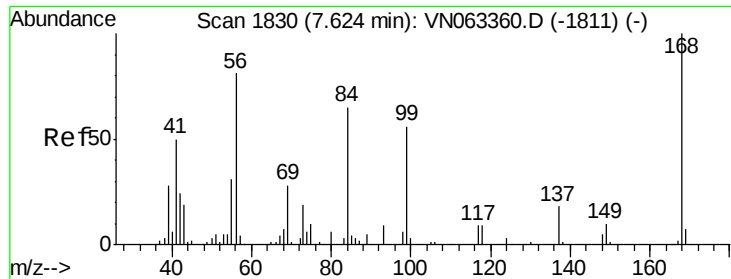
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	65784	17.609	ug/l	98
94) Hexachlorobutadiene	14.98	225	31694	20.493	ug/l	96
95) Naphthalene	15.10	128	213370	17.287	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	63364	17.554	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN063530.D

Acq: 22 Sep 2020 14:09

Instrument :

MSVOA_N

ClientSampleId :

VN0922WBSD01

Tot Ion:168 Resp: 264621

Ion Ratio Lower Upper

168 100

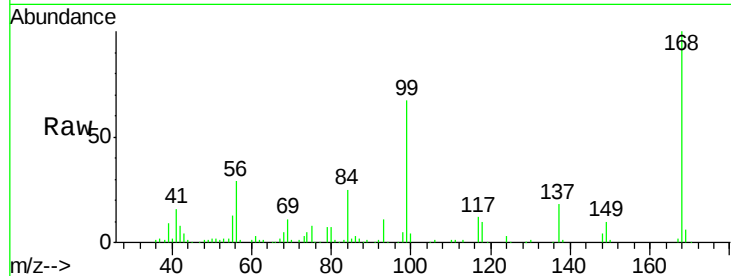
99 66.3 53.0 79.6

Manual Integrations

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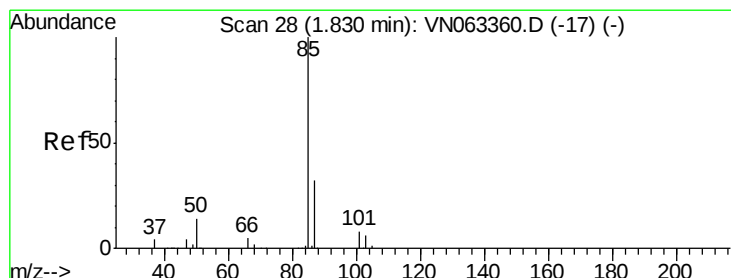
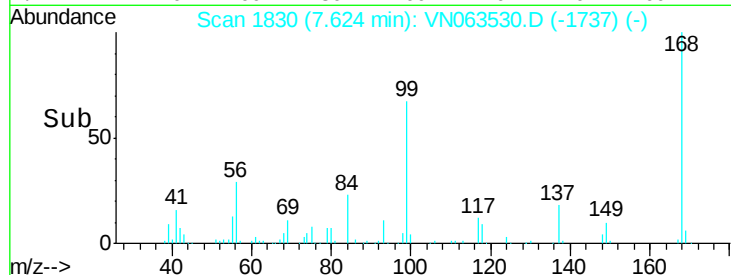
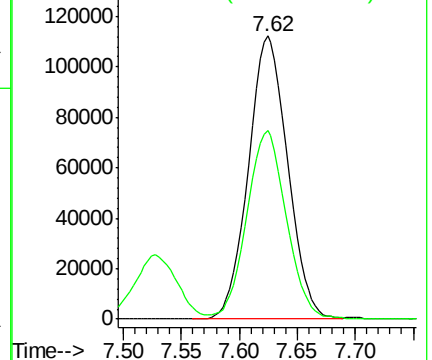
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 17.480 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063530.D

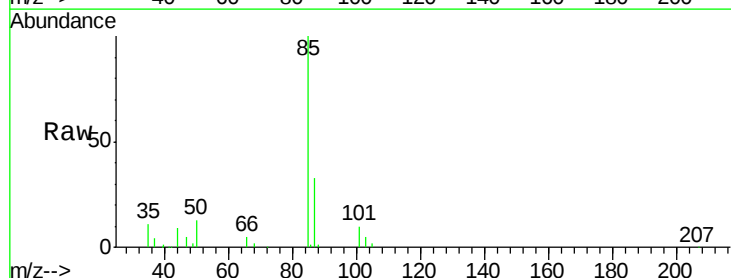
Acq: 22 Sep 2020 14:09

Tgt Ion: 85 Resp: 52404

Ion Ratio Lower Upper

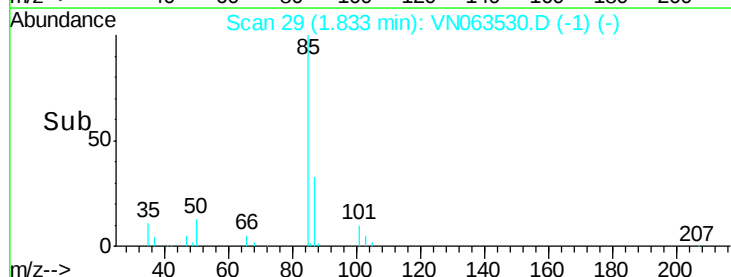
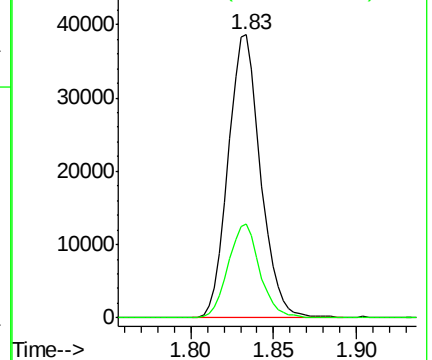
85 100

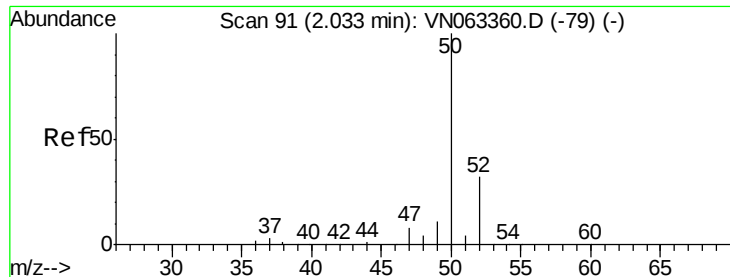
87 33.3 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 16.148 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063530.D

Acq: 22 Sep 2020 14:09

Instrument :

MSVOA_N

ClientSampleId :

VN0922WBSD01

Tot Ion: 50 Resp: 64043

Ion Ratio Lower Upper

50 100

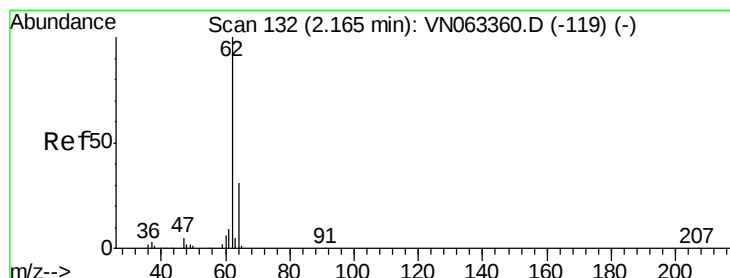
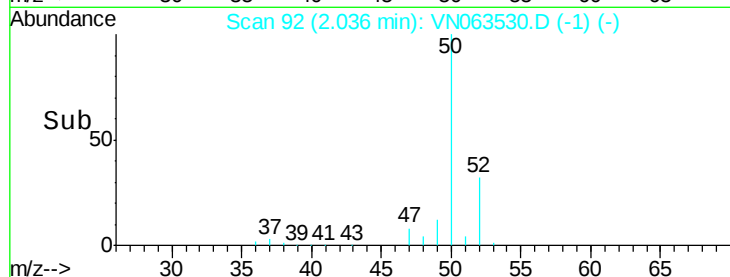
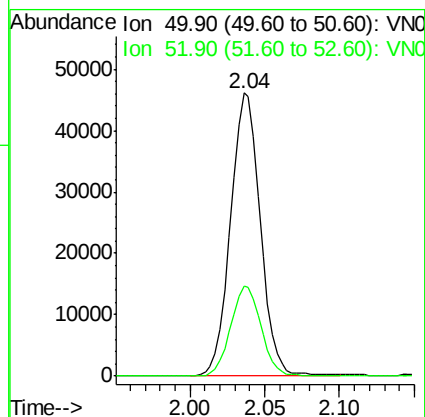
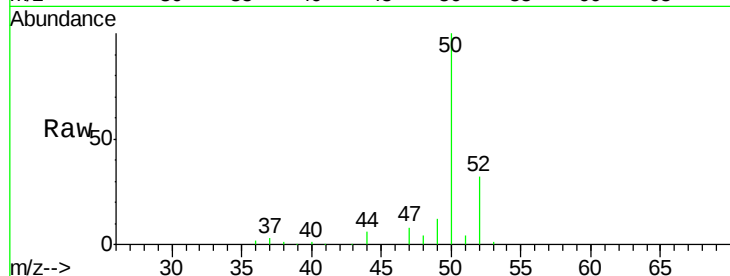
52 31.7 25.9 38.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.225 ug/l

RT: 2.16 min Scan# 132

Delta R.T. -0.00 min

Lab File: VN063530.D

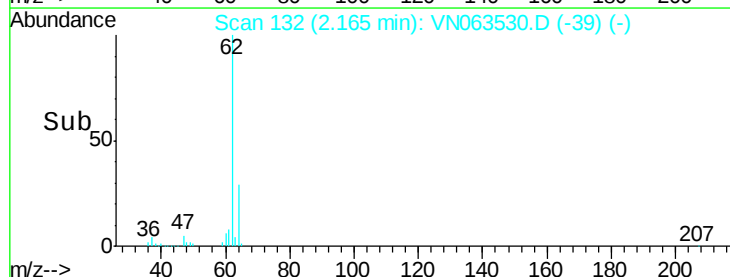
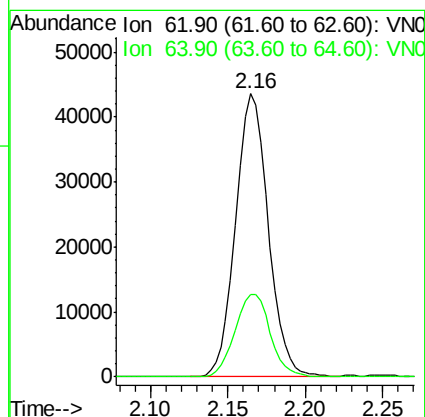
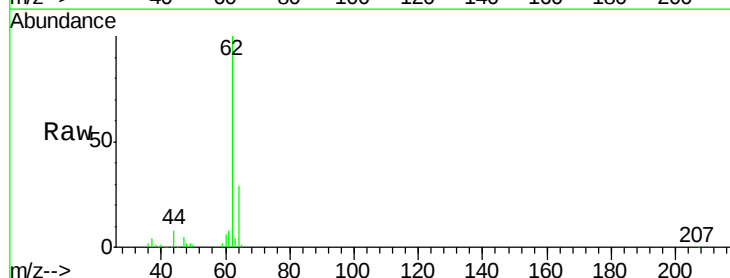
Acq: 22 Sep 2020 14:09

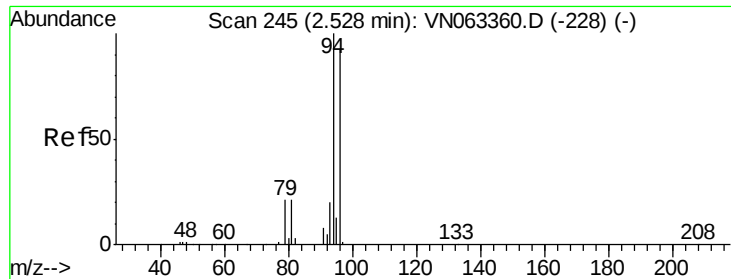
Tgt Ion: 62 Resp: 64037

Ion Ratio Lower Upper

62 100

64 29.0 25.1 37.7





#5

Bromomethane

Concen: 20.054 ug/l

RT: 2.53 min Scan# 247

Delta R.T. 0.01 min

Lab File: VN063530.D

Acq: 22 Sep 2020 14:09

Instrument :

MSVOA_N

ClientSampleId :

VN0922WBSD01

Tot Ion: 94 Resp: 41837

Ion Ratio Lower Upper

94 100

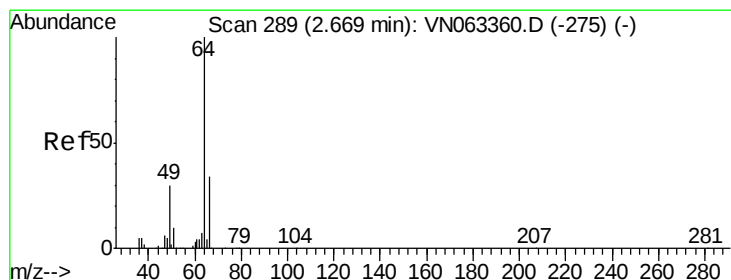
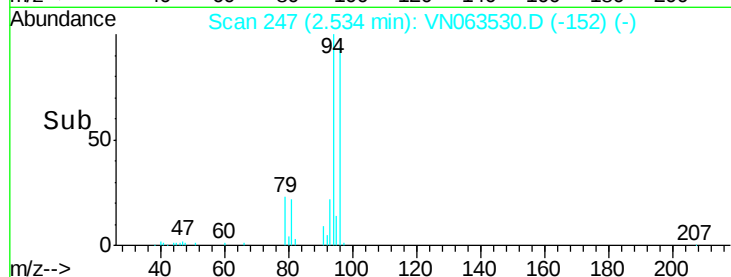
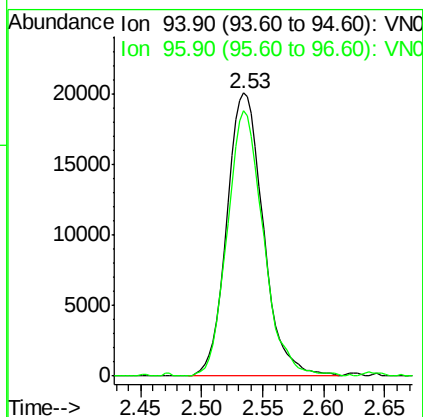
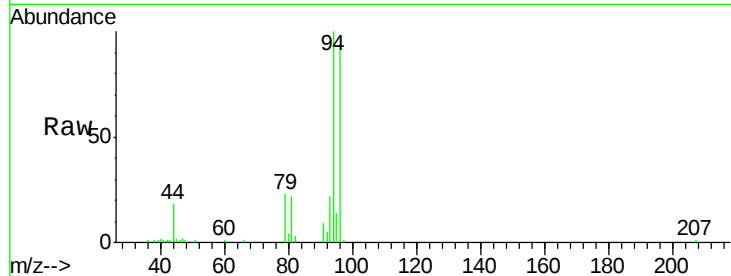
96 93.9 74.5 111.7

Manual Integrations

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#6

Chloroethane

Concen: 18.289 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.01 min

Lab File: VN063530.D

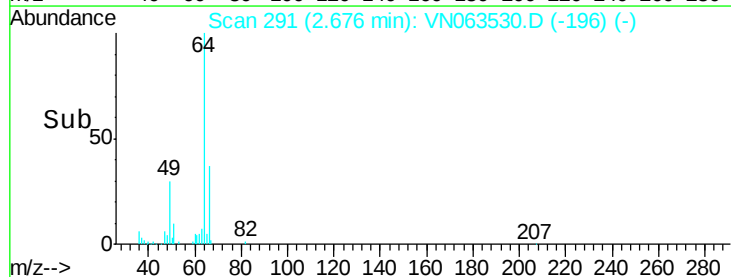
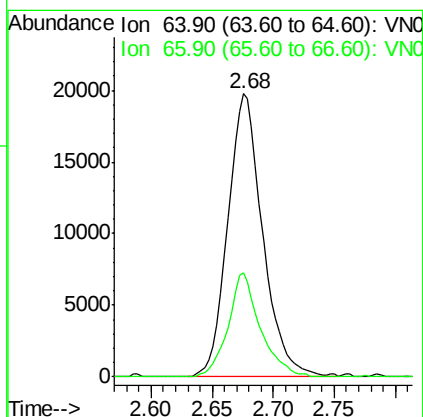
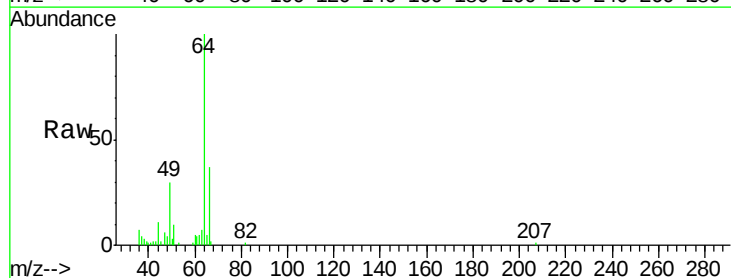
Acq: 22 Sep 2020 14:09

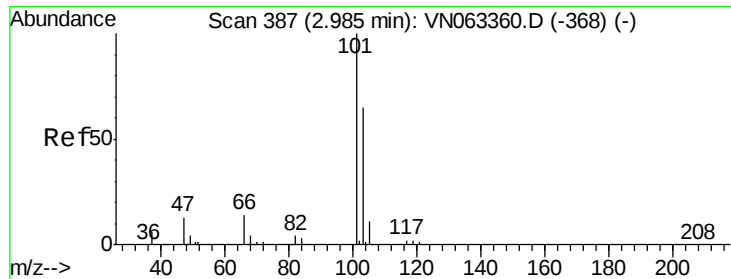
Tgt Ion: 64 Resp: 39448

Ion Ratio Lower Upper

64 100

66 37.0 26.9 40.3





#7

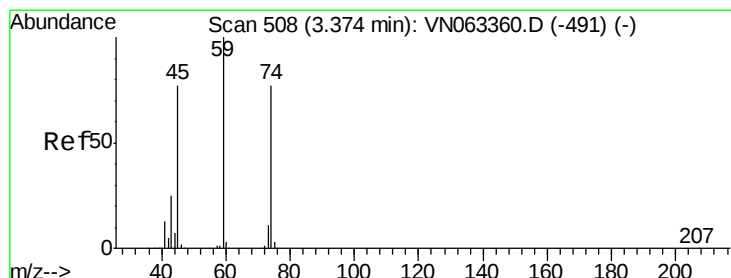
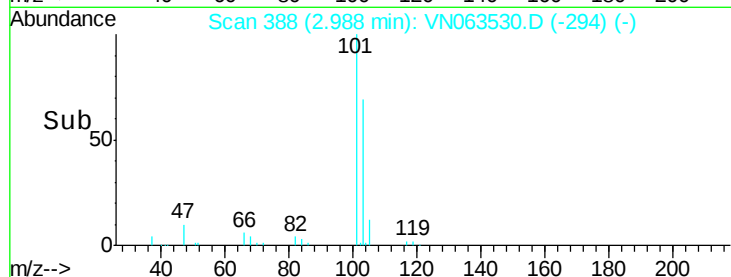
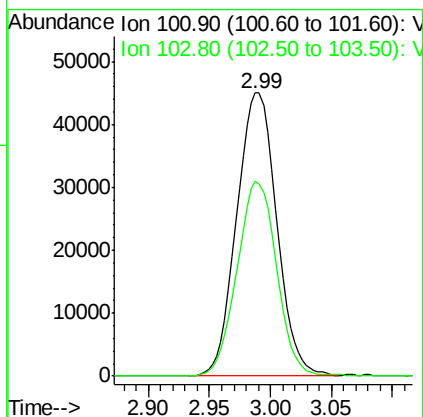
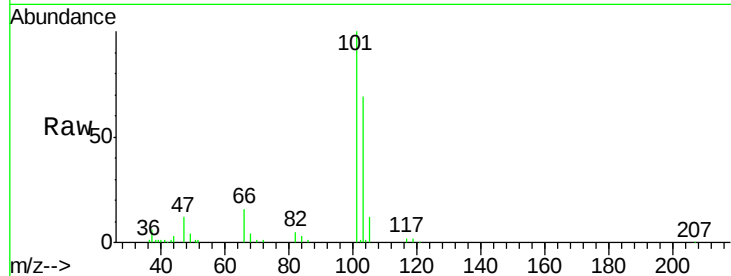
Trichlorofluoromethane
 Concen: 19.512 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: VN063530.D
 Acq: 22 Sep 2020 14:09

Instrument :
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 ClientSampleId :
 VN0922WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	102291		
103	69.0	52.3	78.5	

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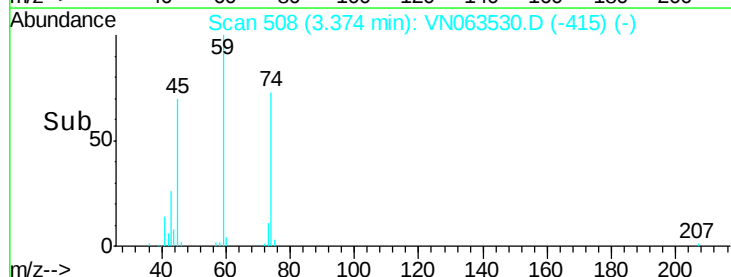
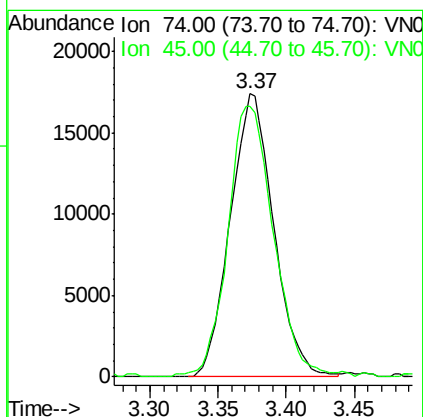
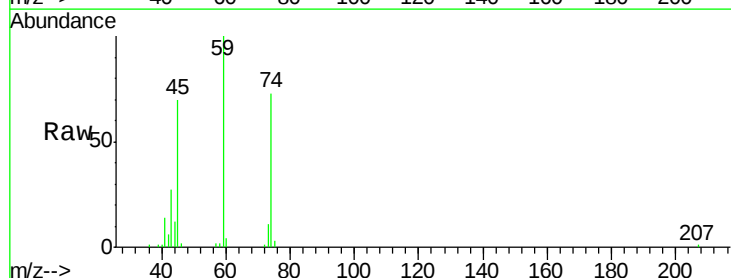
MMDadoda
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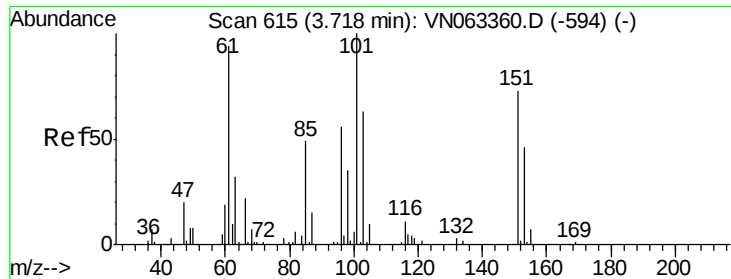


#8

Diethyl Ether
 Concen: 18.845 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN063530.D
 Acq: 22 Sep 2020 14:09

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	38513		
45	100.3	52.1	156.4	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.071 ug/l

RT: 3.72 min Scan# 617

Delta R.T. 0.01 min

Lab File: VN063530.D

Acq: 22 Sep 2020 14:09

Instrument :

MSVOA_N

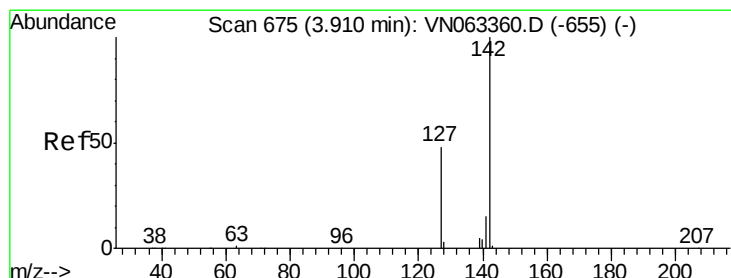
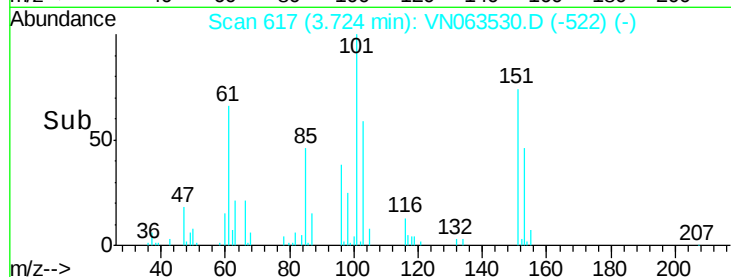
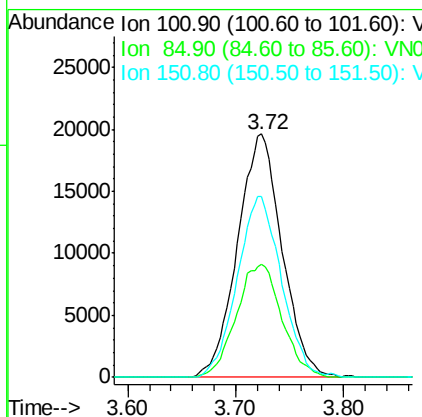
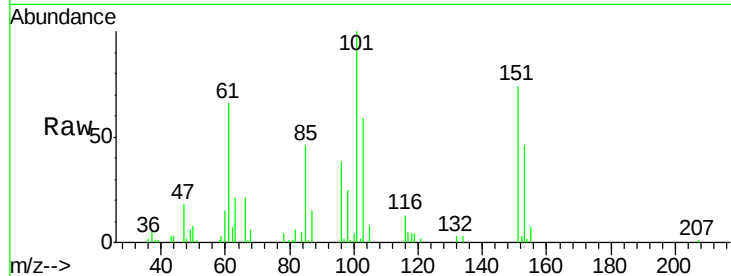
ClientSampled :

VN0922WBSD01

Tot Ion:	101	Resp:	56225
Ion Ratio	Lower	Upper	
101	100		
85	47.6	37.7	56.5
151	73.7	57.7	86.5

Manual Integrations
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#10

Methyl Iodide

Concen: 17.682 ug/l

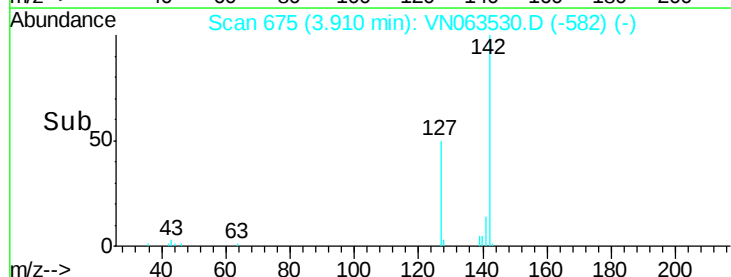
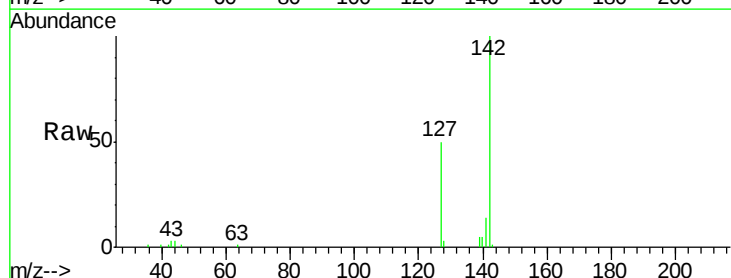
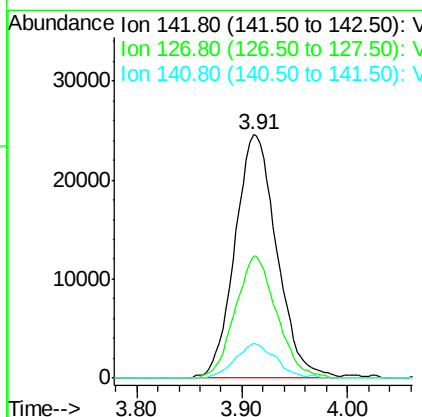
RT: 3.91 min Scan# 675

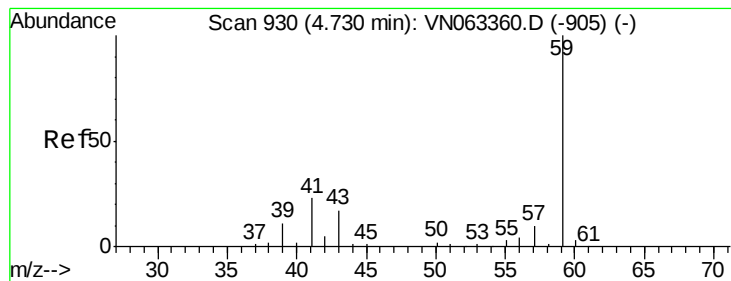
Delta R.T. -0.00 min

Lab File: VN063530.D

Acq: 22 Sep 2020 14:09

Tgt Ion:	142	Resp:	67872
Ion Ratio	Lower	Upper	
142	100		
127	49.6	39.0	58.6
141	13.7	11.6	17.4





#11

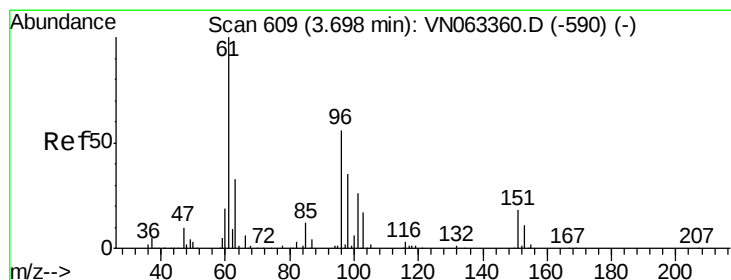
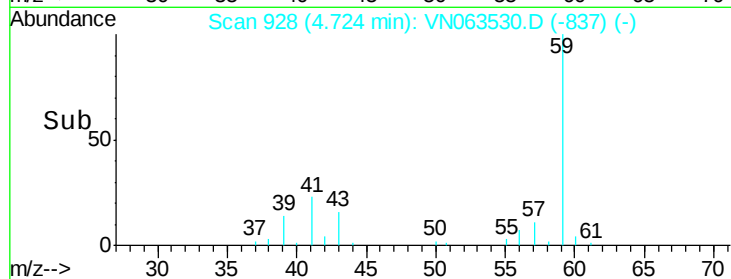
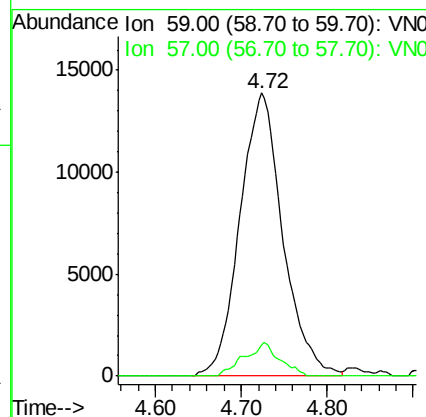
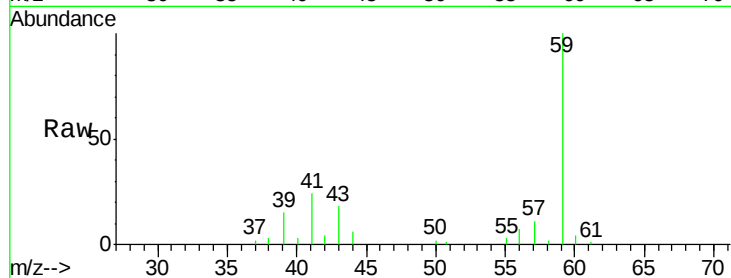
Tert butyl alcohol
 Concen: 77.213 ug/l
 RT: 4.72 min Scan# 928
 Delta R.T. -0.01 min
 Lab File: VN063530.D
 Acq: 22 Sep 2020 14:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0922WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.7	8.4	12.6

Manual Integrations
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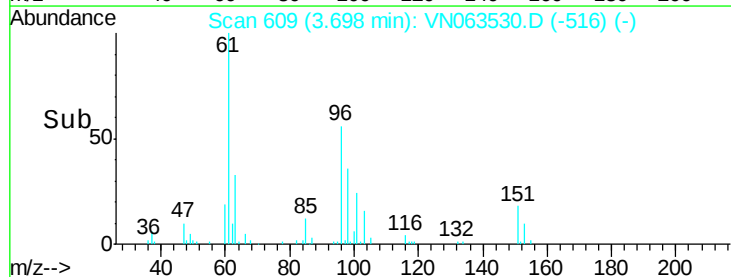
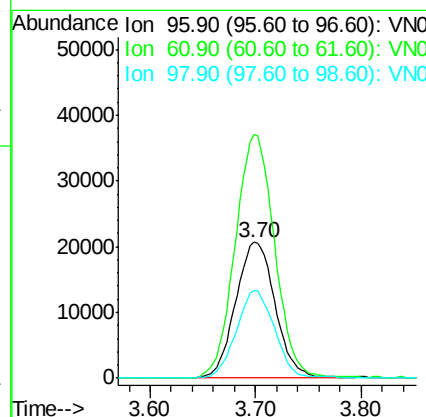
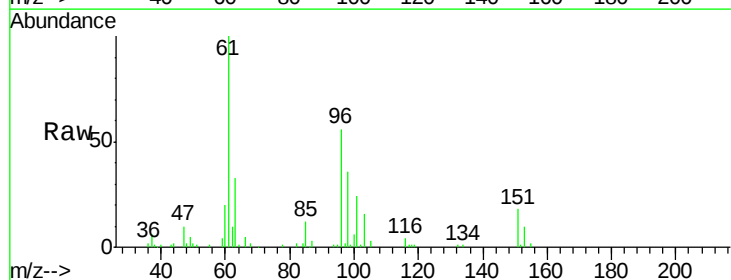
MMDadoda
 9/23/2020 1:05:44 PM

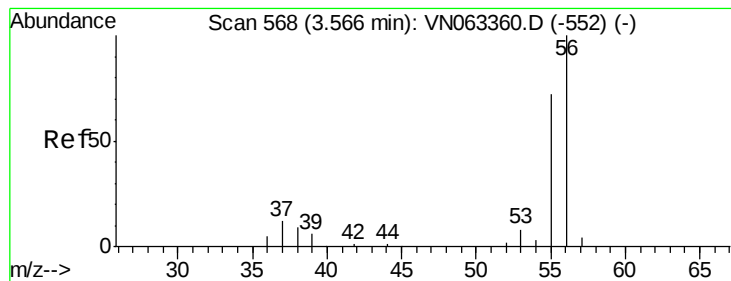


#12

1,1-Dichloroethene
 Concen: 18.031 ug/l
 RT: 3.70 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: VN063530.D
 Acq: 22 Sep 2020 14:09

Tgt Ion	Ratio	Lower	Upper
96	100		
61	179.6	143.4	215.2
98	64.7	50.6	76.0





#13

Acrolein

Concen: 88.022 ug/l

RT: 3.57 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN063530.D

Acq: 22 Sep 2020 14:09

Instrument :

MSVOA_N

ClientSampleId :

VN0922WBSD01

Tot Ion: 56 Resp: 20356

Ion Ratio Lower Upper

56 100

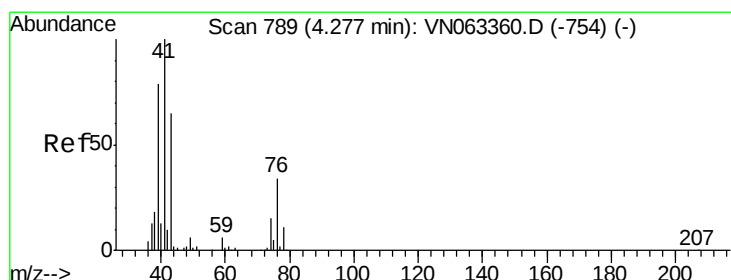
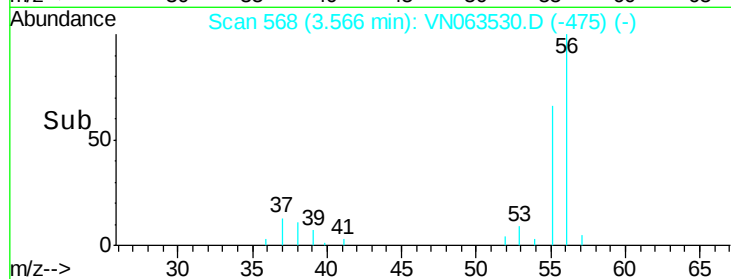
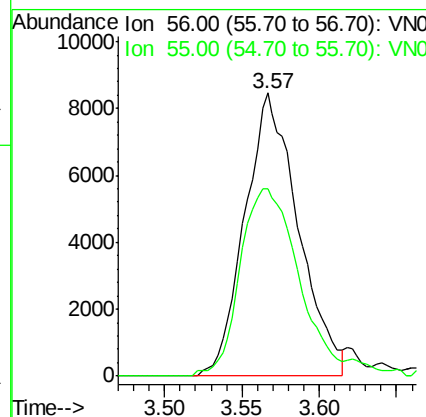
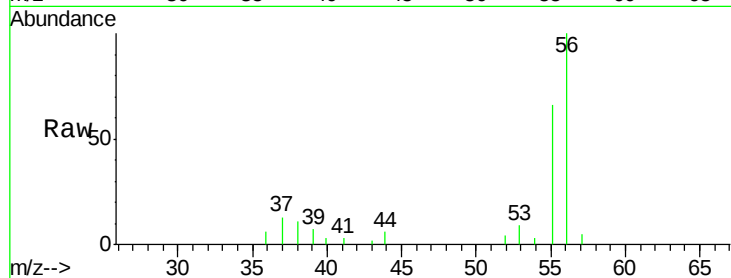
55 71.6 58.2 87.2

Manual Integrations

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MMDadoda

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#14

Allyl chloride

Concen: 17.087 ug/l

RT: 4.27 min Scan# 788

Delta R.T. -0.00 min

Lab File: VN063530.D

Acq: 22 Sep 2020 14:09

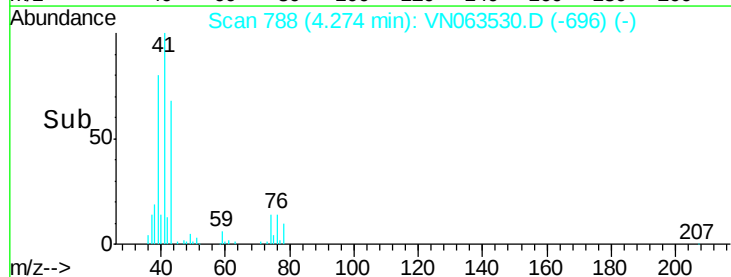
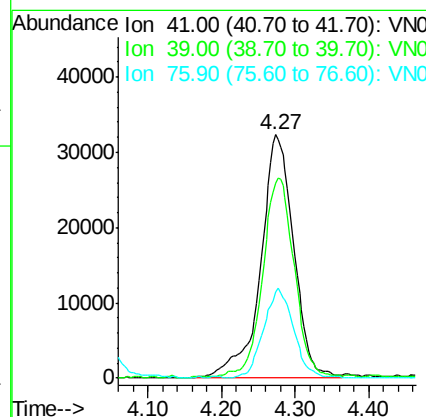
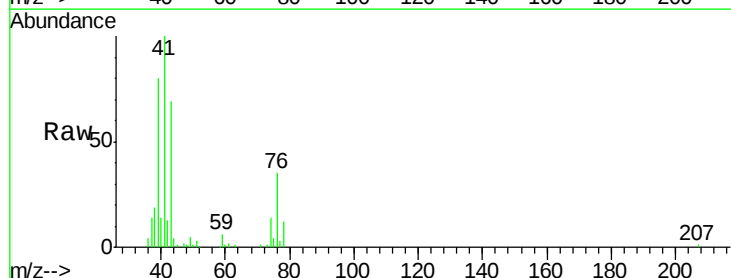
Tgt Ion: 41 Resp: 100933

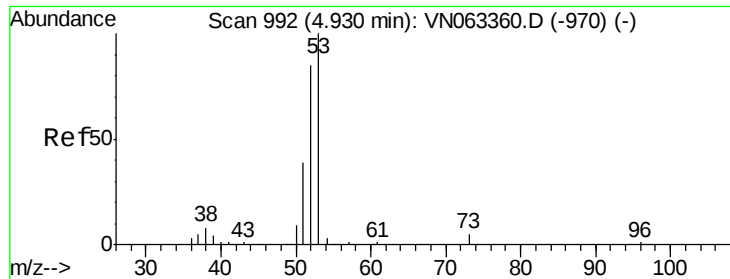
Ion Ratio Lower Upper

41 100

39 77.3 59.3 88.9

76 33.3 25.3 37.9





#15

Acrylonitrile

Concen: 88.640 ug/l

RT: 4.93 min Scan# 991

Delta R.T. -0.00 min

Lab File: VN063530.D

Acq: 22 Sep 2020 14:09

Instrument :

MSVOA_N

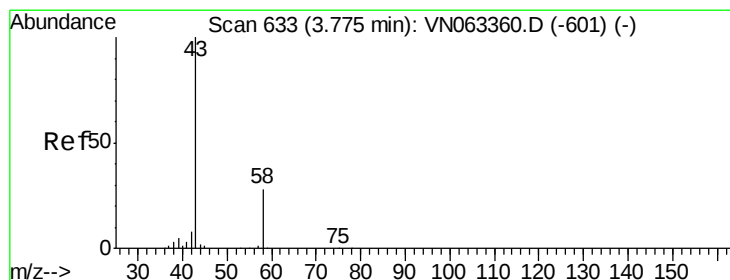
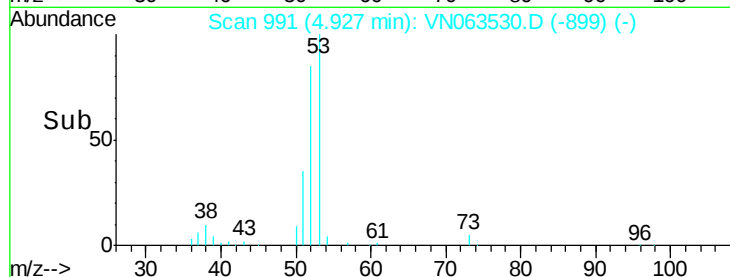
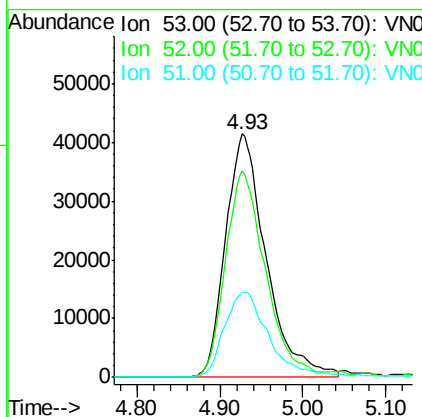
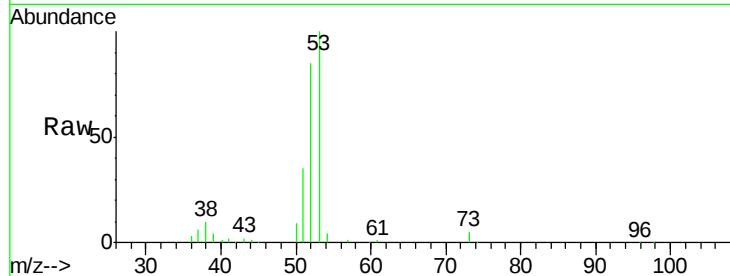
ClientSampleId :

VN0922WBSD01

Tot Ion:	53	Resp:	140702
Ion Ratio	Lower	Upper	
53	100		
52	83.9	66.4	99.6
51	38.1	30.2	45.4

Manual Integrations
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#16

Acetone

Concen: 84.531 ug/l

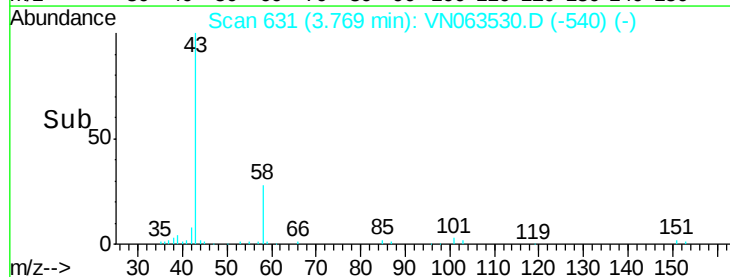
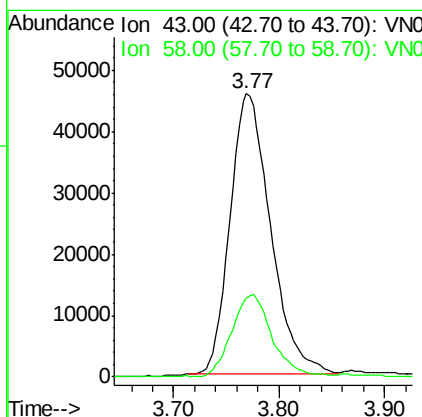
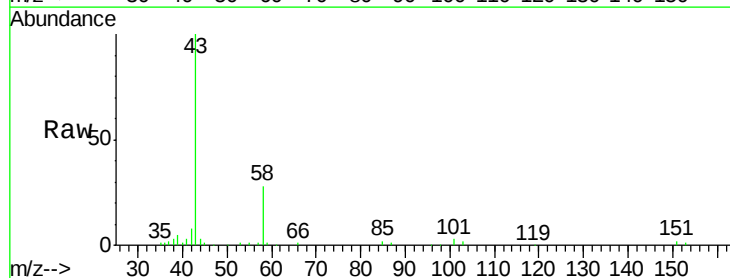
RT: 3.77 min Scan# 631

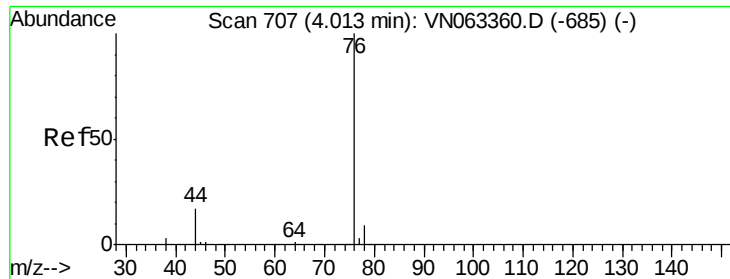
Delta R.T. -0.01 min

Lab File: VN063530.D

Acq: 22 Sep 2020 14:09

Tgt Ion:	43	Resp:	122375
Ion Ratio	Lower	Upper	
43	100		
58	27.7	22.3	33.5





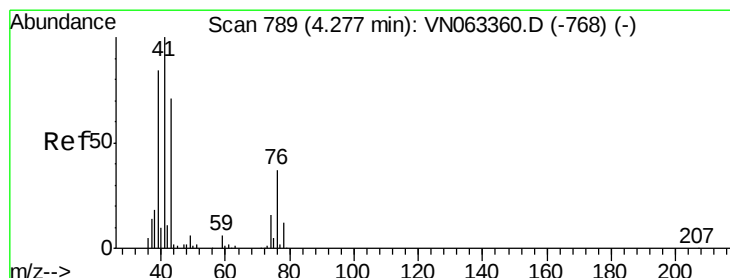
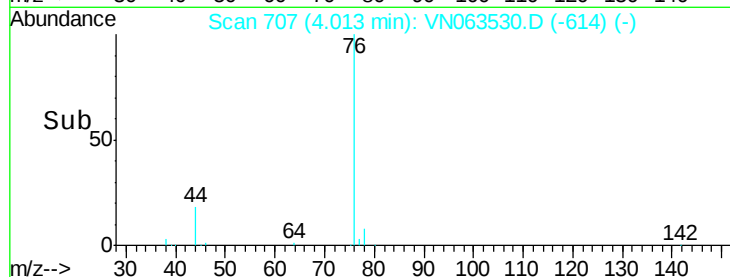
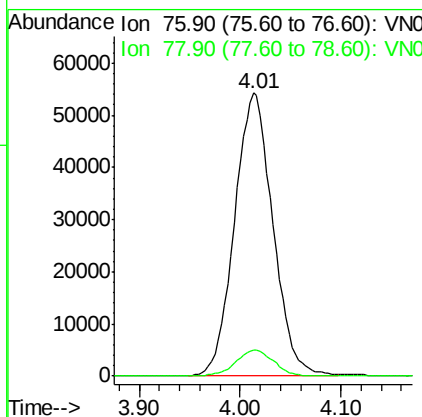
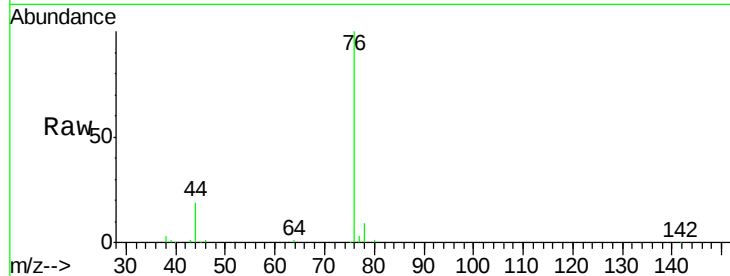
#17
Carbon Disulfide
Concen: 16.489 ug/l
RT: 4.01 min Scan# 707
Delta R.T. -0.00 min
Lab File: VN063530.D
Acq: 22 Sep 2020 14:09

Instrument :
MSVOA_N
ClientSampleId :
VN0922WBSD01

Tot Ion: 76 Resp: 143229
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8

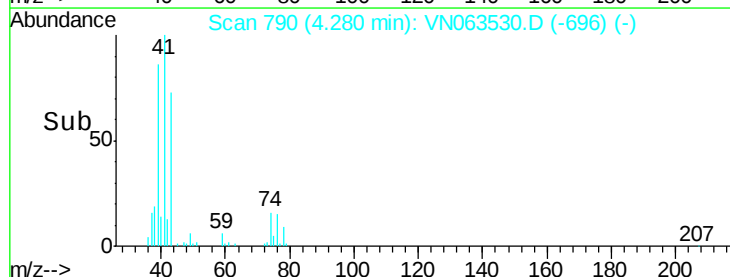
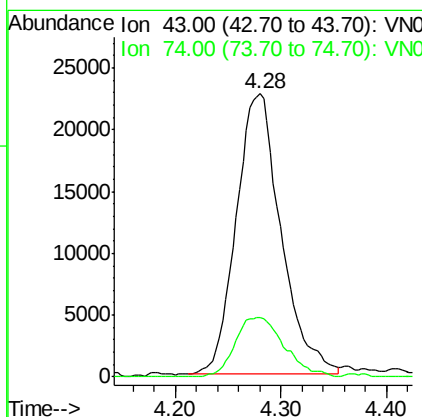
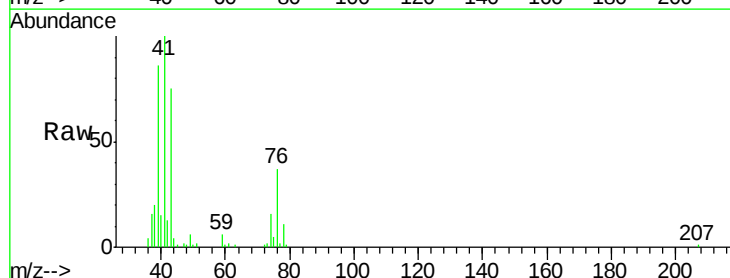
Manual Integrations
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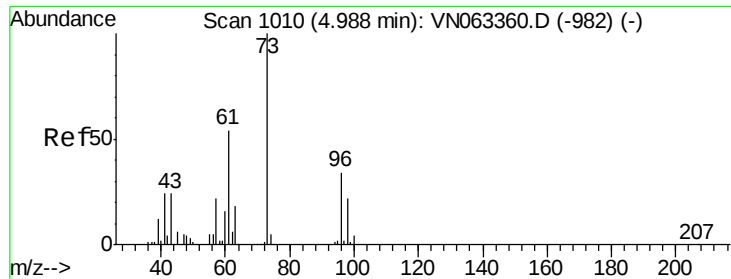
MMDadoda
9/23/2020 1:05:44 PM



#18
Methyl Acetate
Concen: 18.299 ug/l
RT: 4.28 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN063530.D
Acq: 22 Sep 2020 14:09

Tgt Ion: 43 Resp: 67250
Ion Ratio Lower Upper
43 100
74 23.2 17.4 26.2





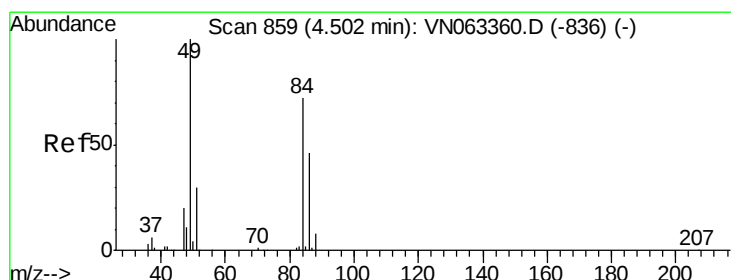
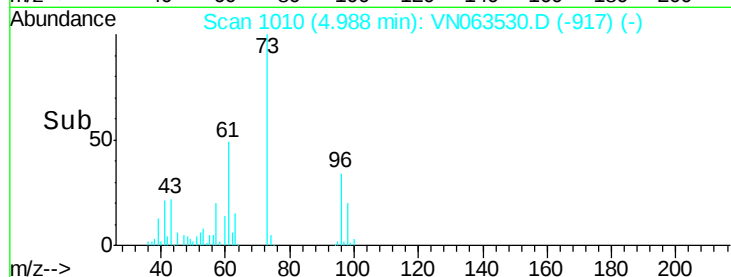
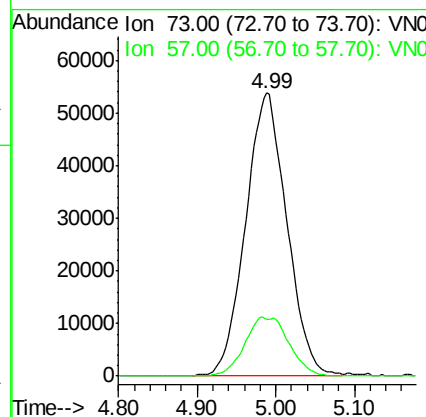
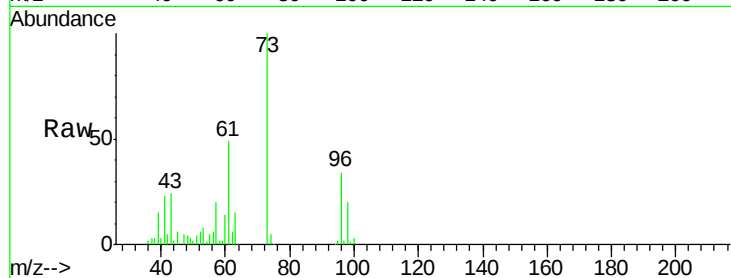
#19
Methyl tert-butyl Ether
Concen: 17.843 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. -0.00 min
Lab File: VN063530.D
Acq: 22 Sep 2020 14:09

Instrument :
MSVOA_N
ClientSampleId :
VN0922WBSD01

Tot Ion: 73 Resp: 198593
Ion Ratio Lower Upper
73 100
57 20.2 17.9 26.9

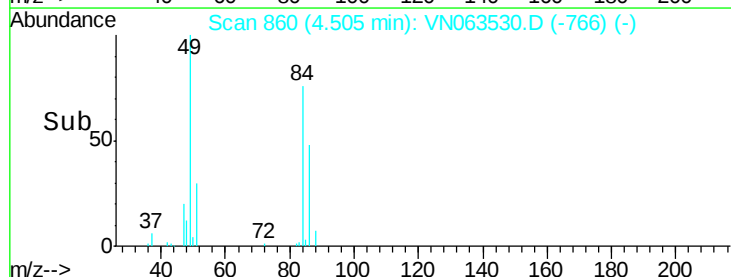
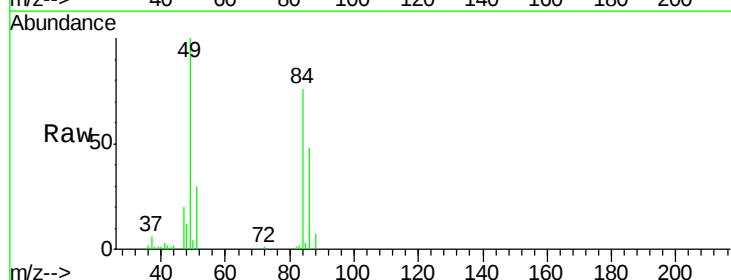
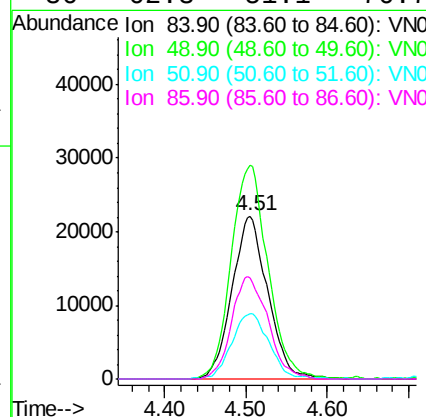
Manual Integrations
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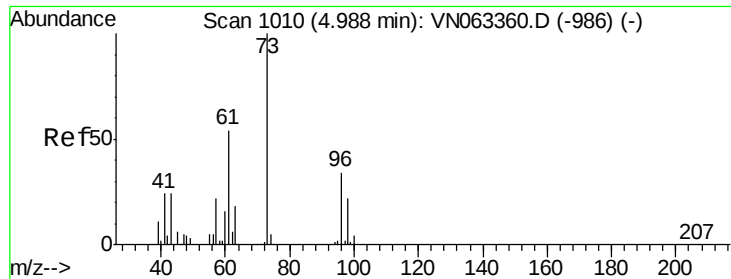
MMDadoda
9/23/2020 1:05:44 PM



#20
Methylene Chloride
Concen: 18.427 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN063530.D
Acq: 22 Sep 2020 14:09

Tgt Ion: 84 Resp: 67589
Ion Ratio Lower Upper
84 100
49 131.1 110.7 166.1
51 39.8 32.9 49.3
86 62.3 51.1 76.7





#21

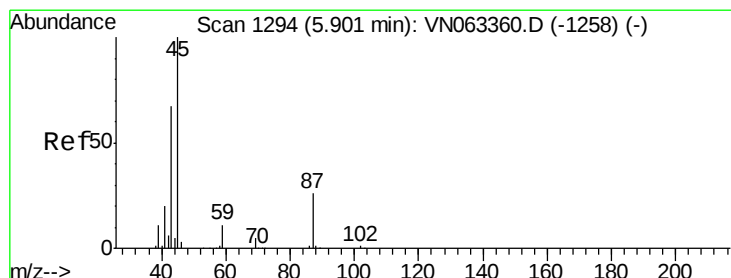
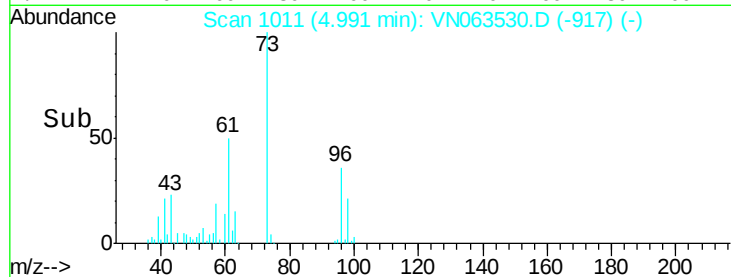
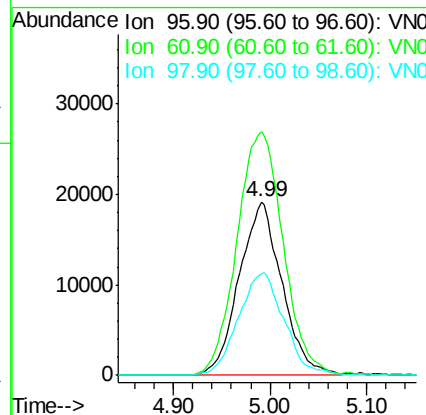
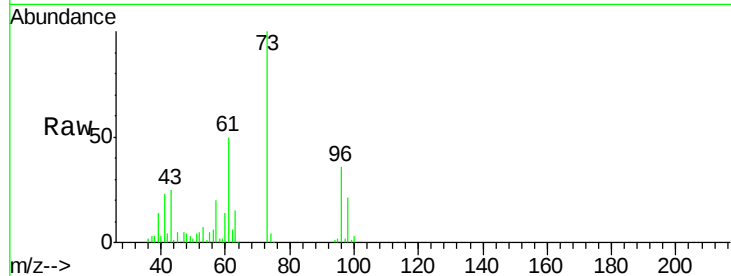
trans-1,2-Dichloroethene
Concen: 17.818 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN063530.D
Acq: 22 Sep 2020 14:09

Instrument :
MSVOA_N
ClientSampled :
VN0922WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	140.4	126.2	189.4
98	58.6	51.0	76.4

Manual Integrations
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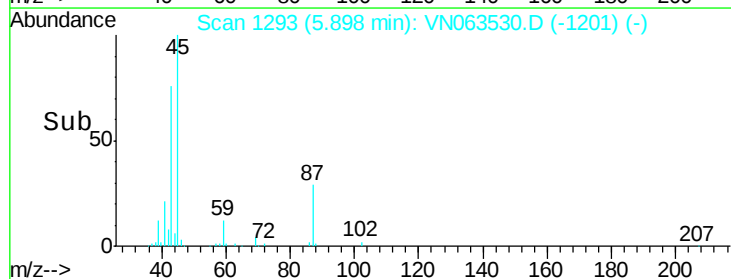
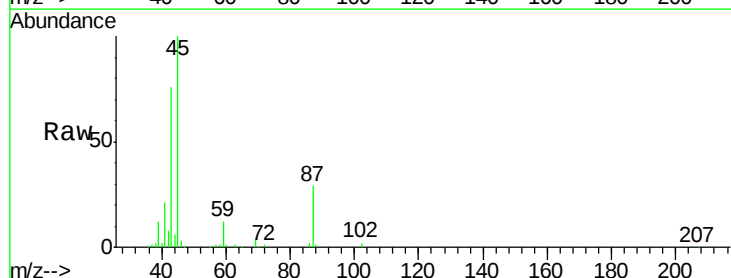
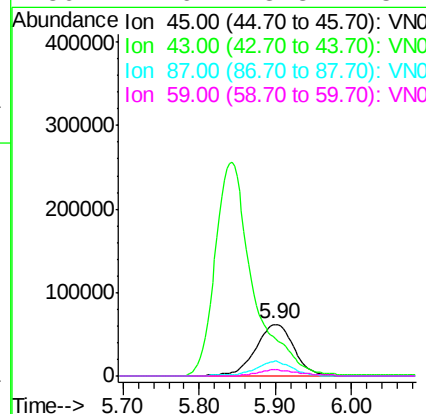
MMDadoda
9/23/2020 1:05:44 PM

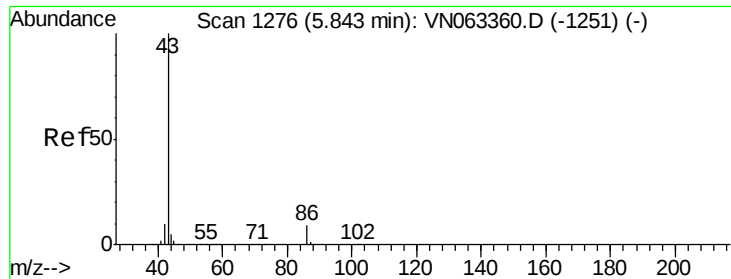


#22

Diisopropyl ether
Concen: 18.041 ug/l
RT: 5.90 min Scan# 1293
Delta R.T. -0.00 min
Lab File: VN063530.D
Acq: 22 Sep 2020 14:09

Tgt Ion	Ratio	Lower	Upper
45	100		
43	72.8	53.5	80.3
87	28.6	21.2	31.8
59	11.6	8.8	13.2





#23

Vinyl Acetate

Concen: 89.613 ug/l

RT: 5.84 min Scan# 1276

Delta R.T. -0.00 min

Lab File: VN063530.D

Acq: 22 Sep 2020 14:09

Instrument :

MSVOA_N

ClientSampleId :

VN0922WBSD01

Tot Ion: 43 Resp: 886604

Ion Ratio Lower Upper

43 100

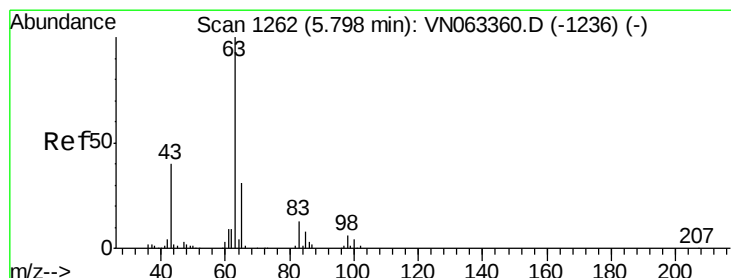
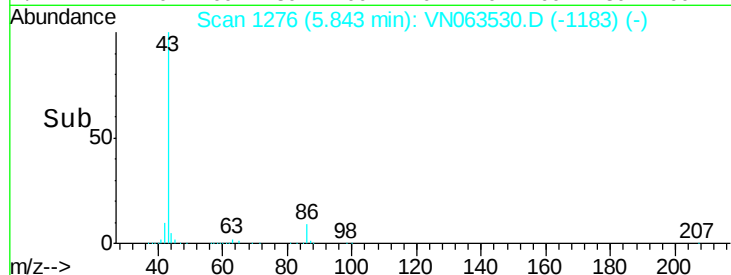
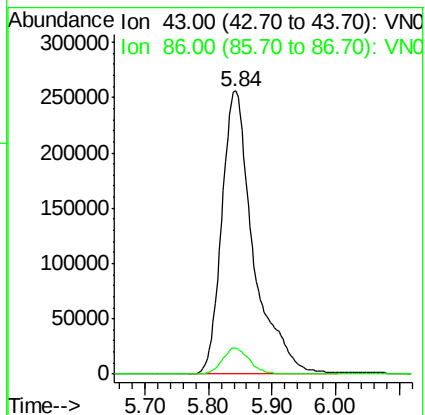
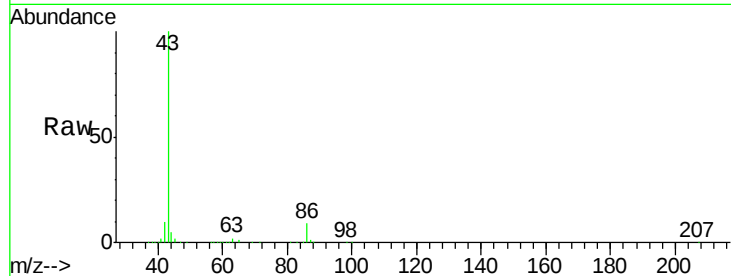
86 9.1 7.1 10.7

Manual Integrations

APPROVED

MMDadoda

9/23/2020 1:05:44 PM



#24

1,1-Dichloroethane

Concen: 17.769 ug/l

RT: 5.79 min Scan# 1261

Delta R.T. -0.00 min

Lab File: VN063530.D

Acq: 22 Sep 2020 14:09

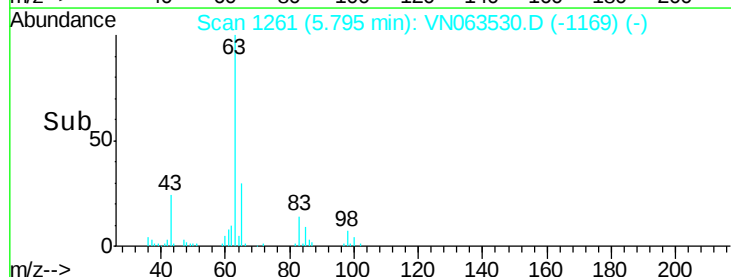
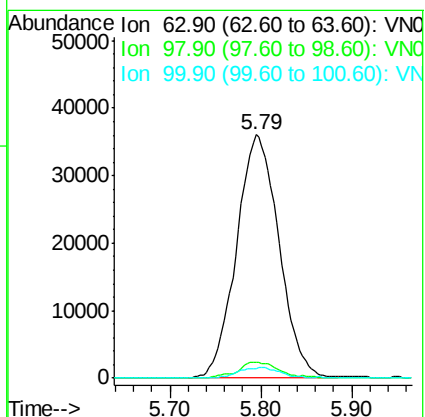
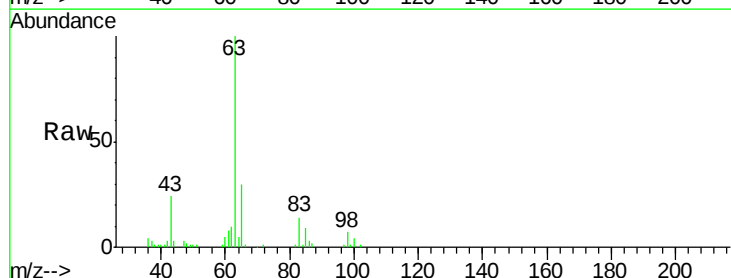
Tgt Ion: 63 Resp: 116868

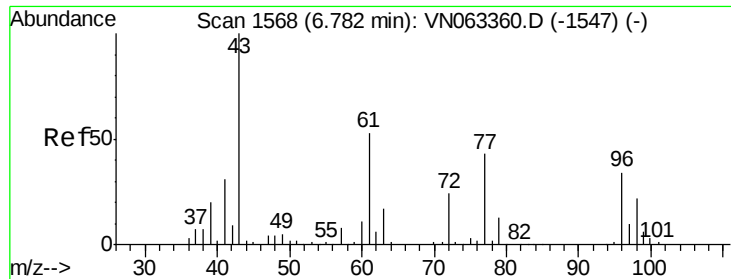
Ion Ratio Lower Upper

63 100

98 6.5 2.9 8.8

100 4.0 2.1 6.3





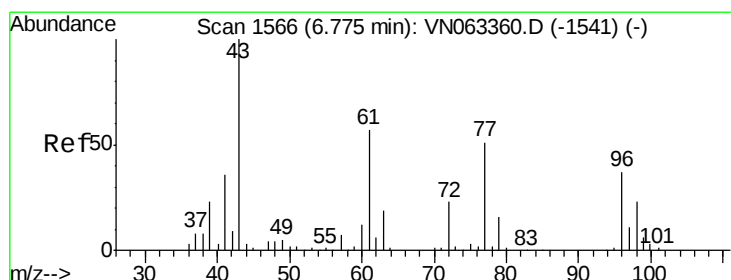
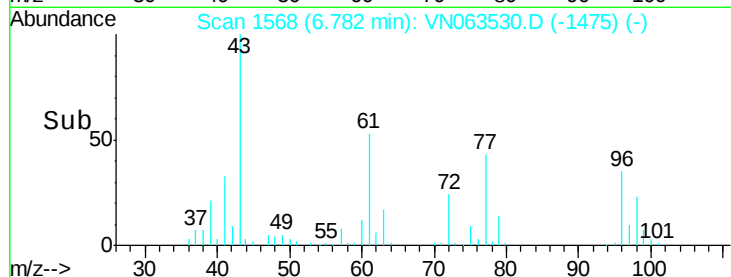
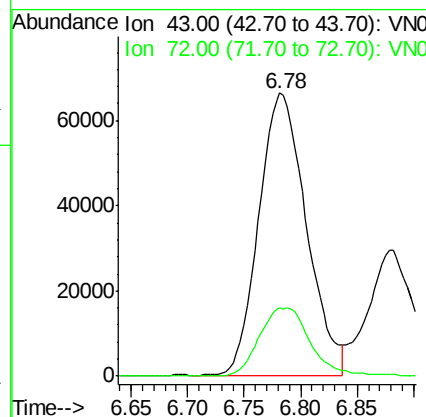
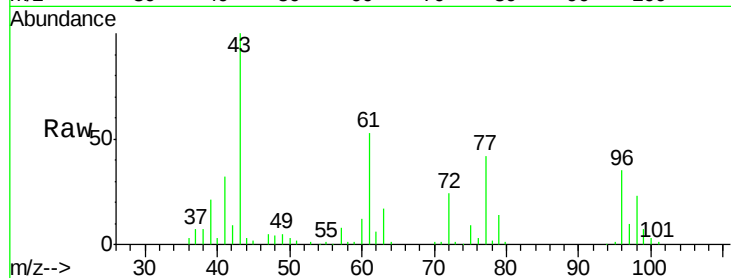
#25
2-Butanone
Concen: 86.685 ug/l
RT: 6.78 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VN063530.D
Acq: 22 Sep 2020 14:09

Instrument :
MSVOA_N
ClientSampleId :
VN0922WBSD01

Tot Ion: 43 Resp: 193005
Ion Ratio Lower Upper
43 100
72 24.1 19.2 28.8

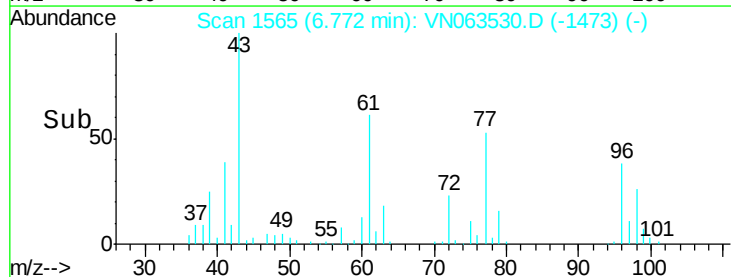
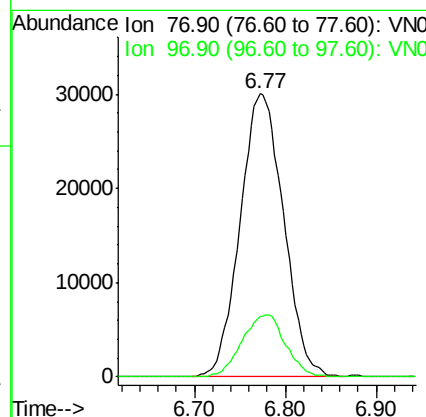
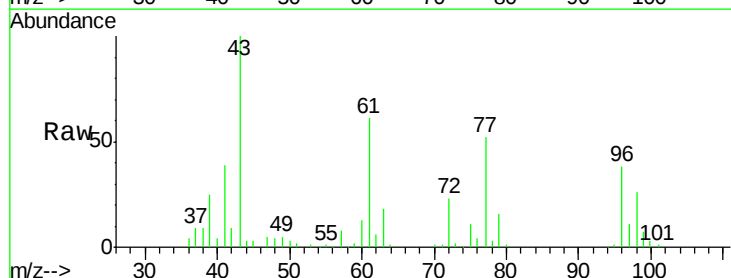
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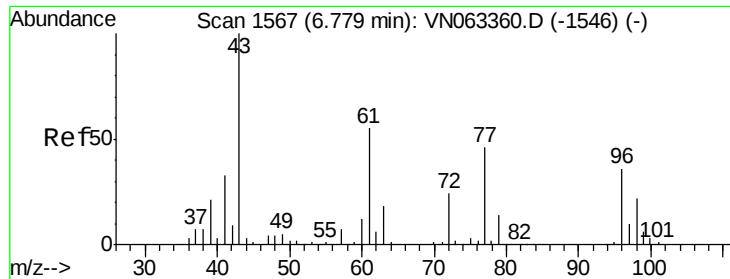
MMDadoda
9/23/2020 1:05:44 PM



#26
2,2-Dichloropropane
Concen: 17.187 ug/l
RT: 6.77 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VN063530.D
Acq: 22 Sep 2020 14:09

Tgt Ion: 77 Resp: 99523
Ion Ratio Lower Upper
77 100
97 21.8 10.5 31.6





#27

cis-1,2-Dichloroethene

Concen: 18.423 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VN063530.D

Acq: 22 Sep 2020 14:09

Instrument :

MSVOA_N

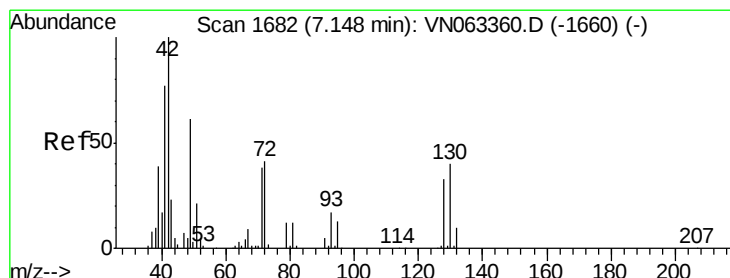
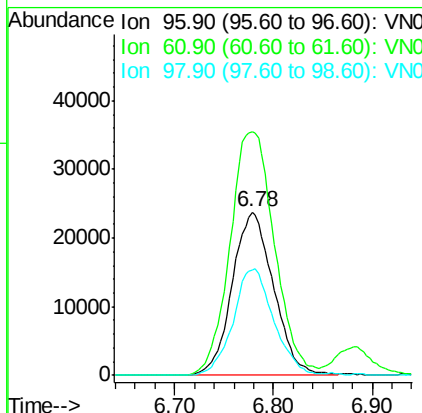
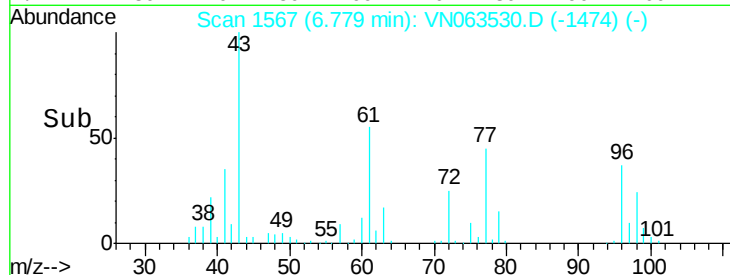
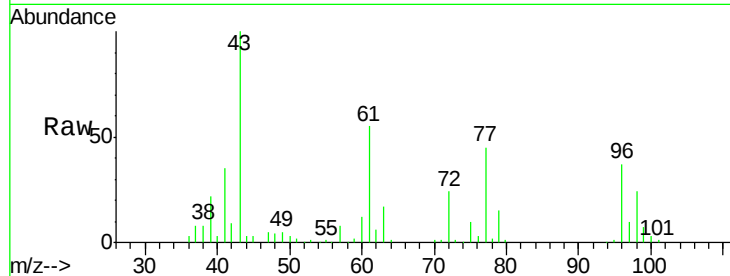
ClientSampleId :

VN0922WBSD01

Tot Ion:	96	Resp:	68992
Ion	Ratio	Lower	Upper
96	100		
61	160.4	0.0	319.6
98	63.9	0.0	127.8

Manual Integrations
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#28

Bromochloromethane

Concen: 18.221 ug/l

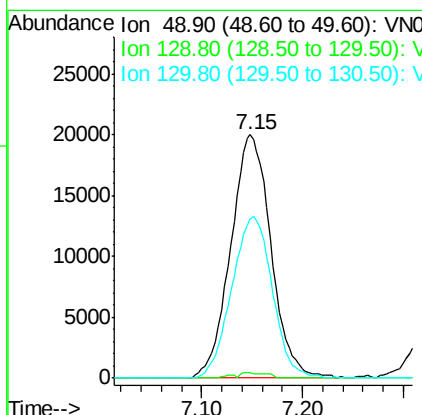
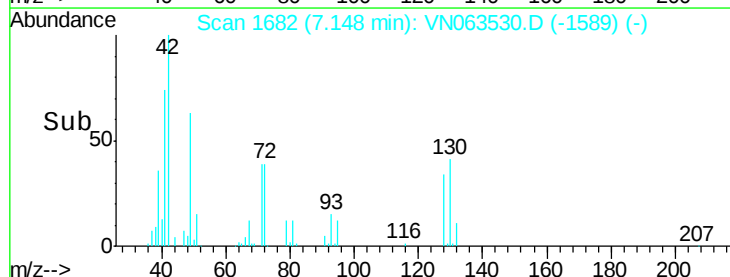
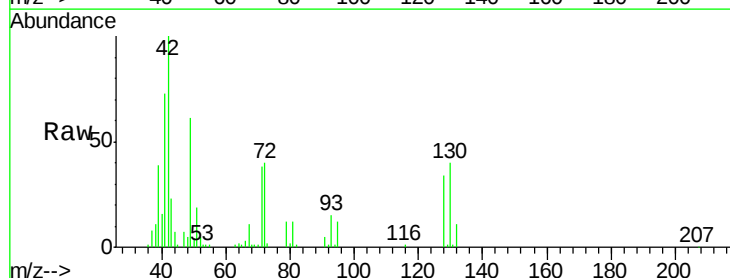
RT: 7.15 min Scan# 1682

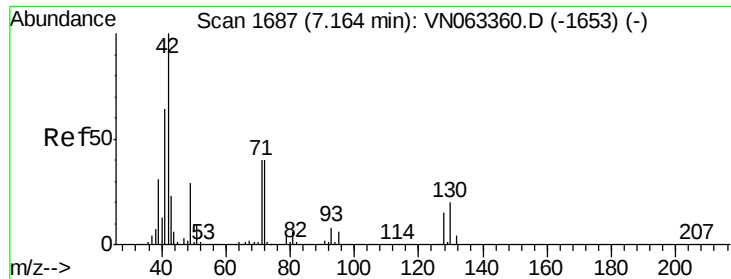
Delta R.T. -0.00 min

Lab File: VN063530.D

Acq: 22 Sep 2020 14:09

Tgt Ion:	49	Resp:	55332
Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	3.8
130	66.9	52.2	78.2





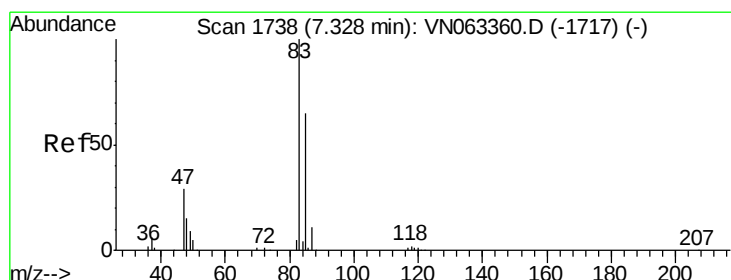
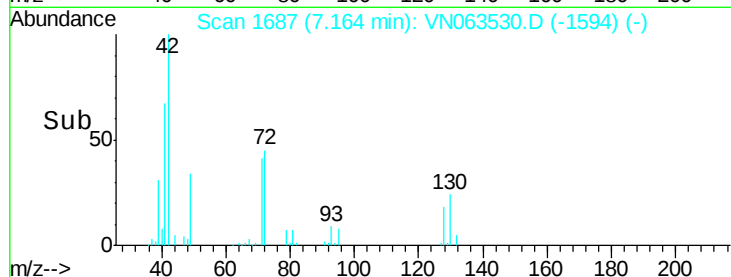
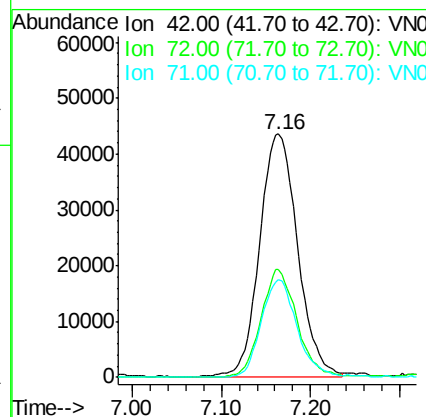
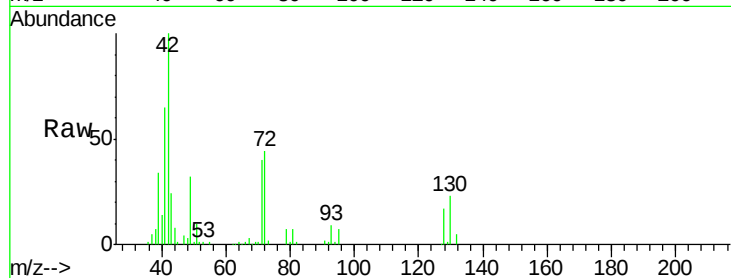
#29
Tetrahydrofuran
Concen: 85.459 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VN063530.D
Acq: 22 Sep 2020 14:09

Instrument :
MSVOA_N
ClientSampleId :
VN0922WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.6	32.1	48.1
71	37.6	31.2	46.8

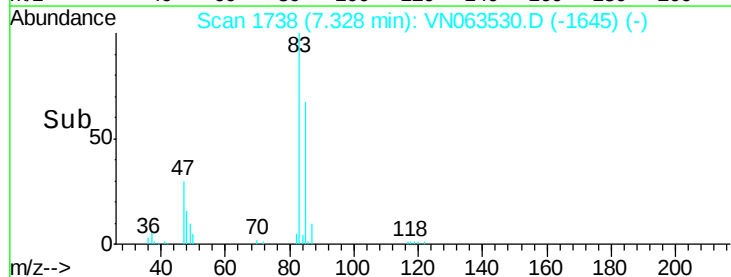
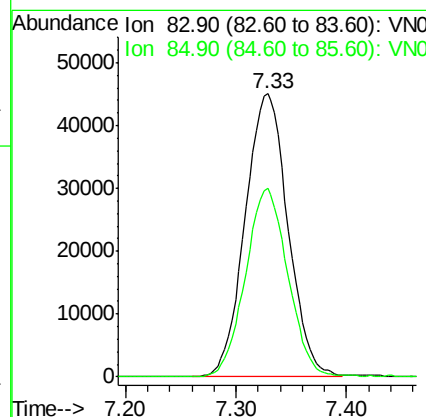
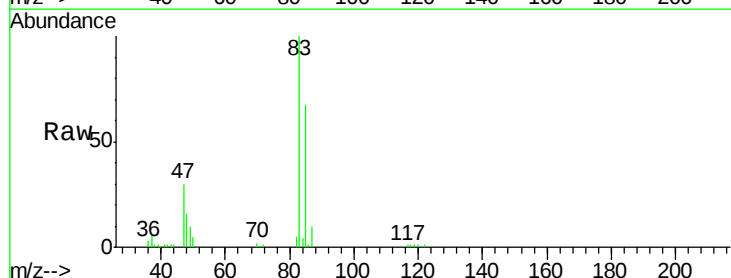
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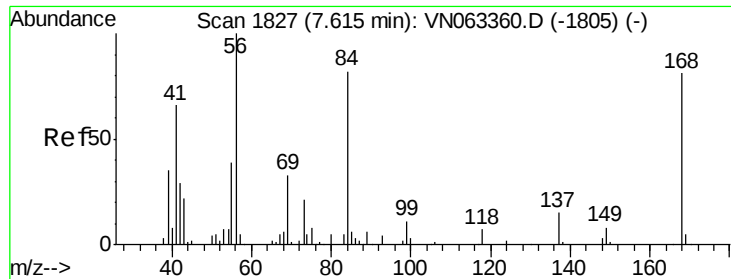
MMDadoda
9/23/2020 1:05:44 PM



#30
Chloroform
Concen: 18.372 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VN063530.D
Acq: 22 Sep 2020 14:09

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.7	52.1	78.1





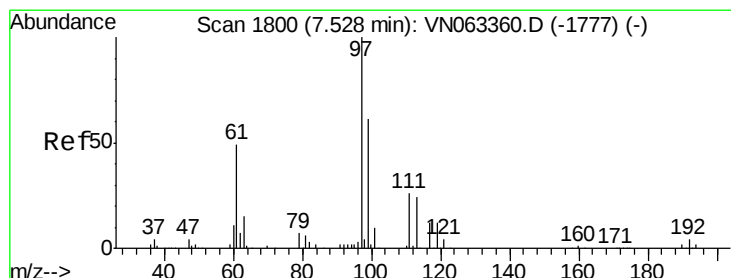
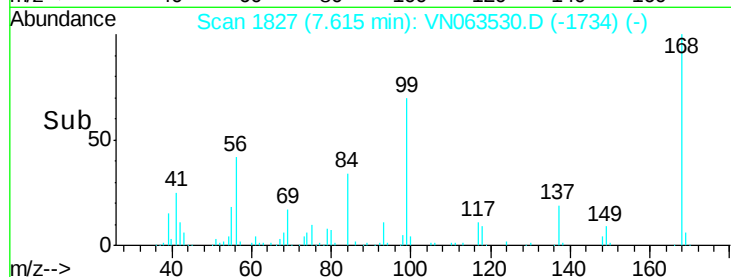
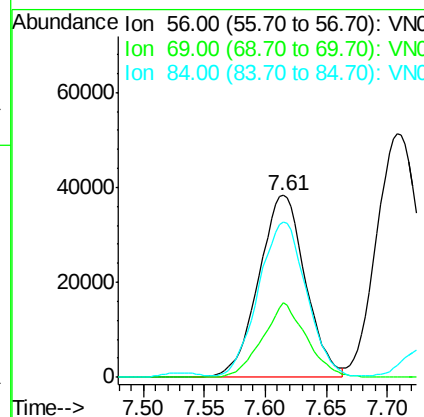
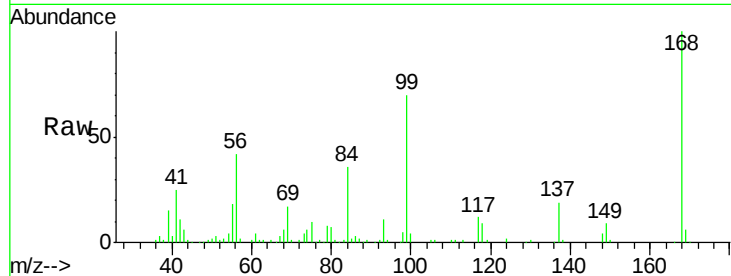
#31
Cyclohexane
Concen: 16.391 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. -0.00 min
Lab File: VN063530.D
Acq: 22 Sep 2020 14:09

Instrument :
MSVOA_N
ClientSampleId :
VN0922WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	40.8	26.1	39.1#
84	83.0	65.4	98.2

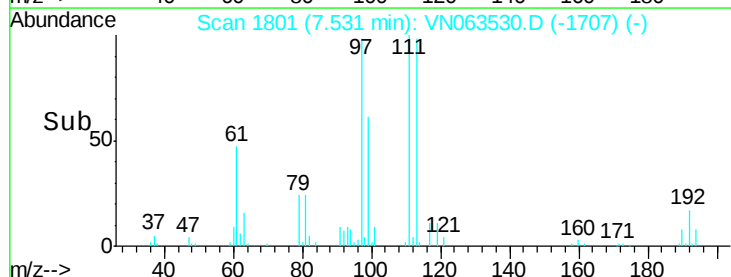
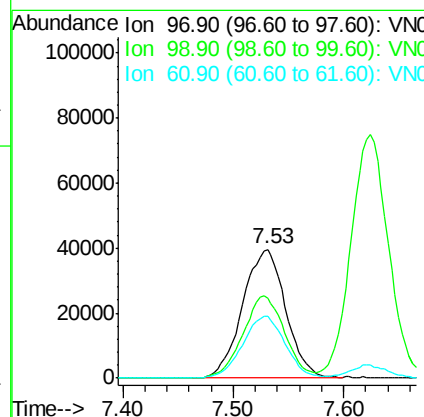
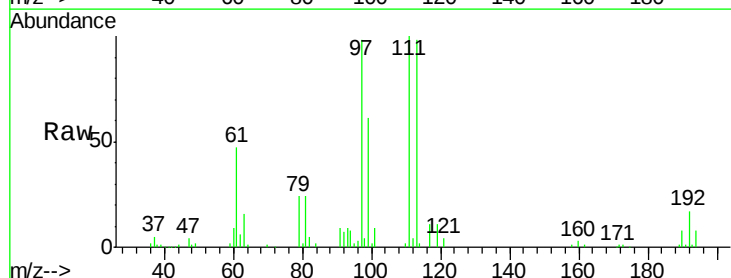
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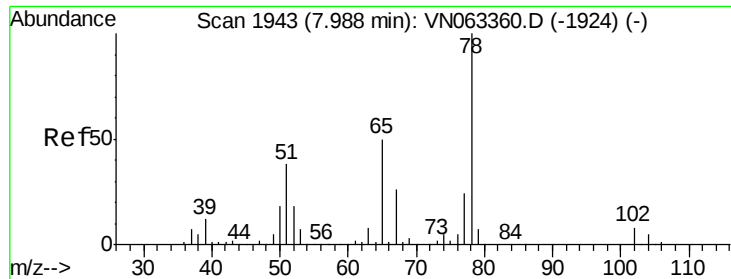
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#32
1,1,1-Trichloroethane
Concen: 18.291 ug/l
RT: 7.53 min Scan# 1801
Delta R.T. 0.00 min
Lab File: VN063530.D
Acq: 22 Sep 2020 14:09

Tgt Ion	Ratio	Lower	Upper
97	100		
99	61.6	50.6	76.0
61	47.7	39.2	58.8





#33

1,2-Dichloroethane-d4

Concen: 49.458 ug/l

RT: 7.98 min Scan# 1942

Delta R.T. -0.00 min

Lab File: VN063530.D

Acq: 22 Sep 2020 14:09

Instrument :

MSVOA_N

ClientSampleId :

VN0922WBSD01

Tot Ion: 65 Resp: 222784

Ion Ratio Lower Upper

65 100

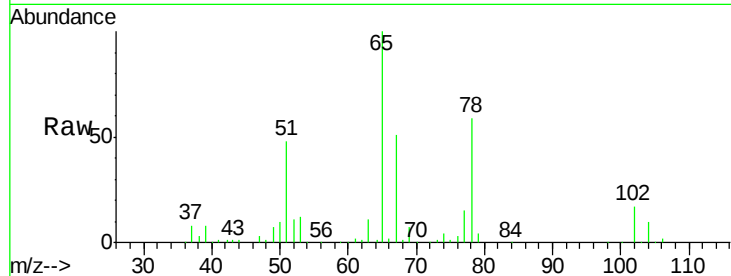
67 50.7 0.0 104.2

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Abundance Ion 64.90 (64.60 to 65.60): VN063530.D (-1850) (-)

Ion 66.90 (66.60 to 67.60): VN063530.D (-1850) (-)

7.98

100000

80000

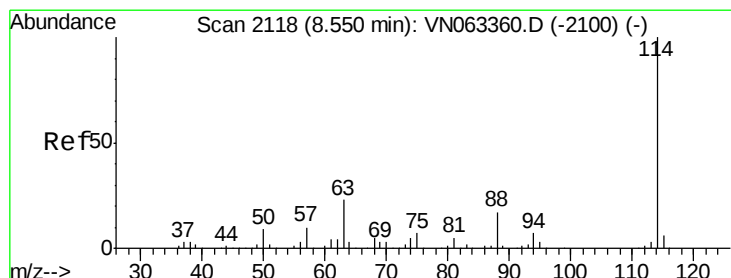
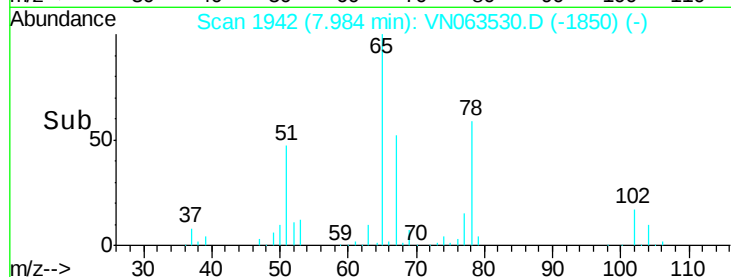
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN063530.D

Acq: 22 Sep 2020 14:09

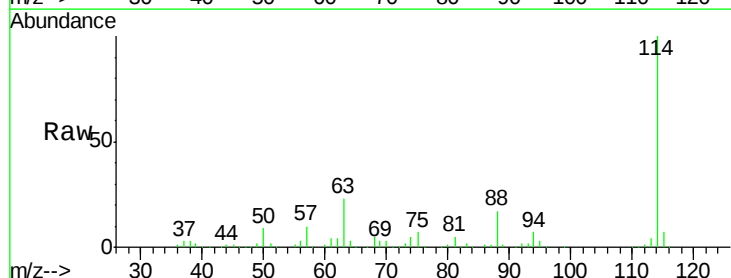
Tgt Ion: 114 Resp: 455419

Ion Ratio Lower Upper

114 100

63 22.6 0.0 46.4

88 16.8 0.0 33.2



Abundance Ion 113.90 (113.60 to 114.60): VN063530.D (-2025) (-)

Ion 63.00 (62.70 to 63.70): VN063530.D (-2025) (-)

Ion 87.90 (87.60 to 88.60): VN063530.D (-2025) (-)

8.55

300000

250000

200000

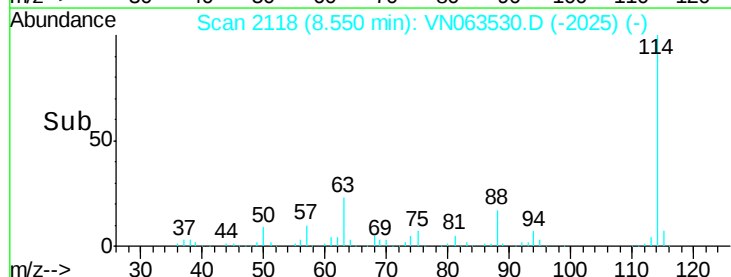
150000

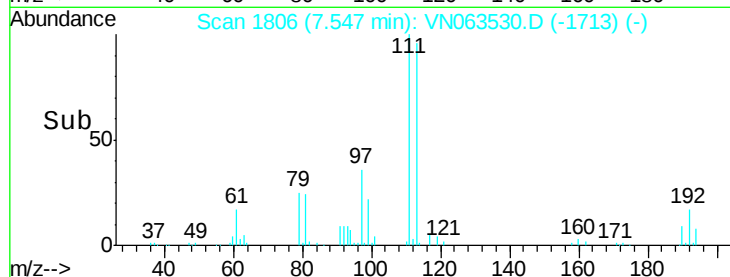
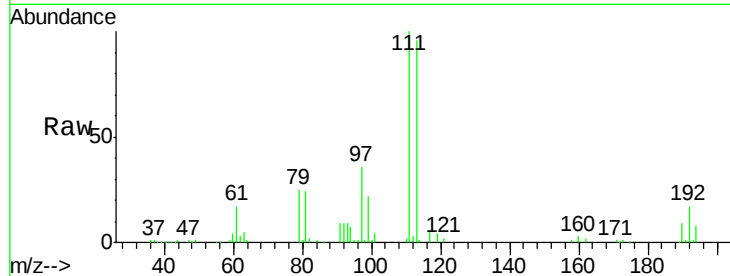
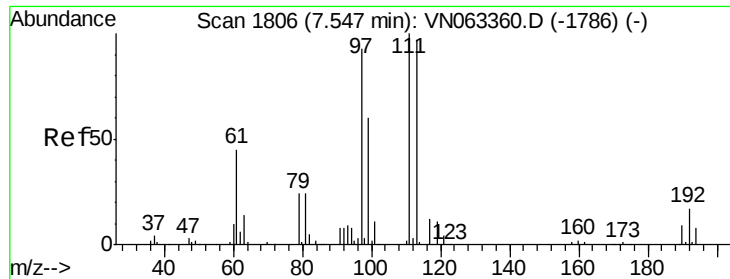
100000

50000

0

Time-->





#35

Dibromofluoromethane

Concen: 50.107 ug/l

RT: 7.55 min Scan# 1806

Delta R.T. -0.00 min

Lab File: VN063530.D

Acq: 22 Sep 2020 14:09

Tot Ion:	113	Resp:	157976
Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.9	124.3
192	17.4	13.9	20.9

Instrument :

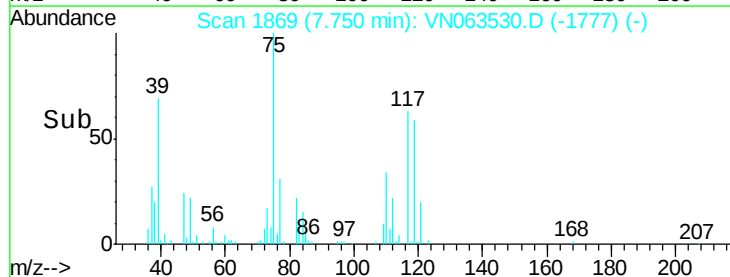
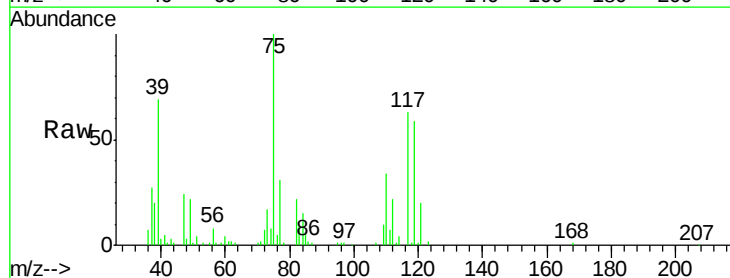
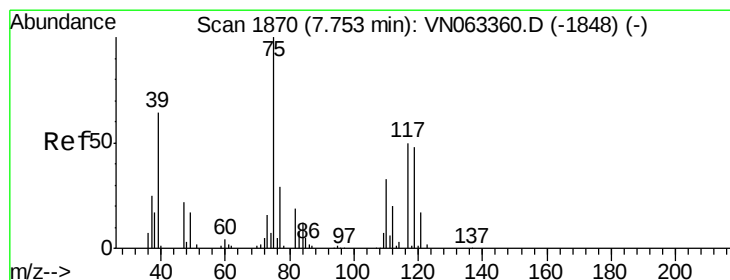
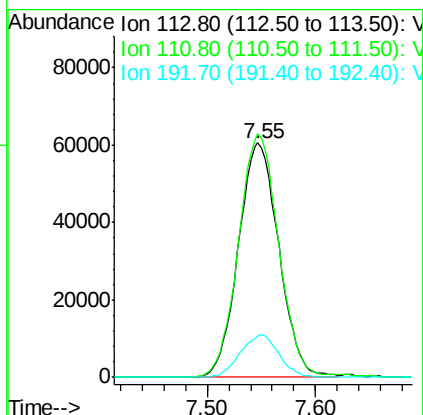
MSVOA_N

ClientSampleId :

VN0922WBSD01

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#36

1,1-Dichloropropene

Concen: 17.674 ug/l

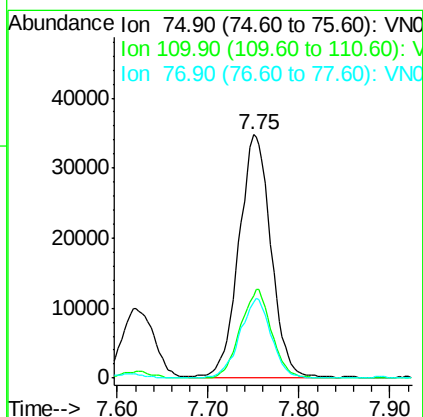
RT: 7.75 min Scan# 1869

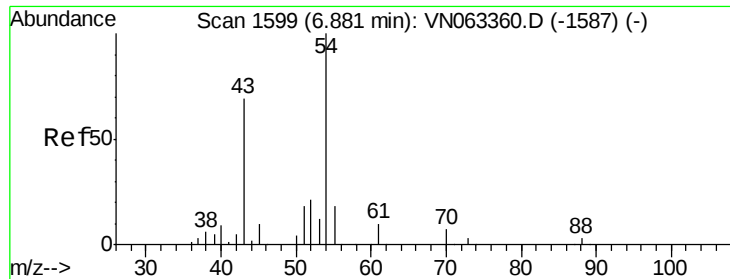
Delta R.T. -0.00 min

Lab File: VN063530.D

Acq: 22 Sep 2020 14:09

Tgt Ion:	75	Resp:	85753
Ion	Ratio	Lower	Upper
75	100		
110	34.9	16.5	49.5
77	31.6	24.6	36.8





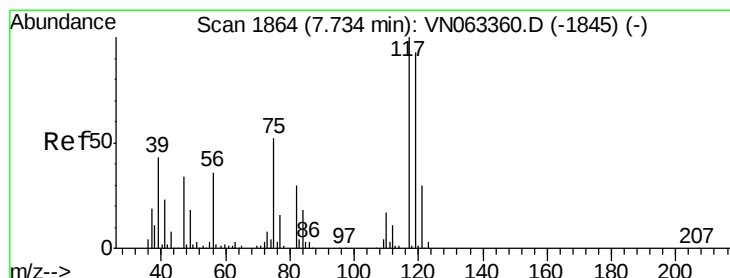
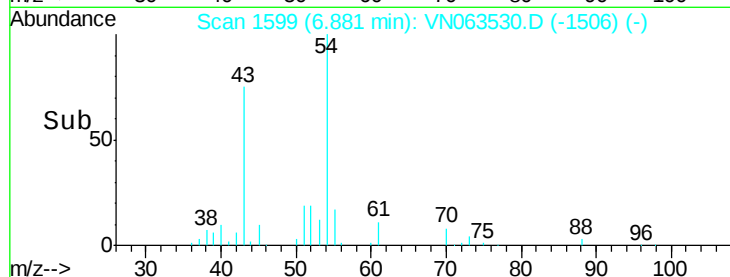
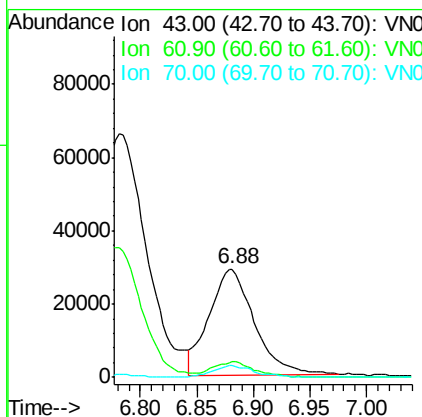
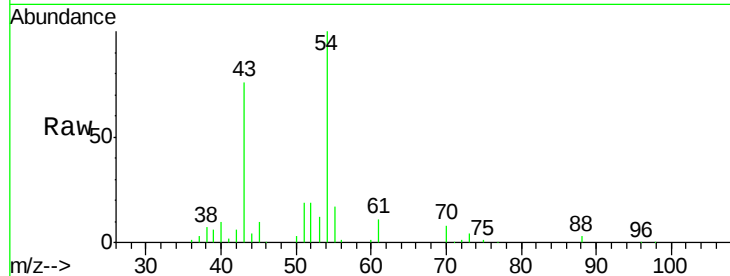
#37
Ethyl Acetate
Concen: 16.865 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VN063530.D
Acq: 22 Sep 2020 14:09

Instrument :
MSVOA_N
ClientSampled :
VN0922WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.1	10.6	15.8
70	10.5	7.2	10.8

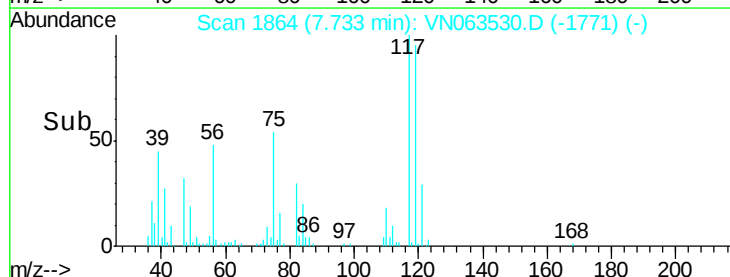
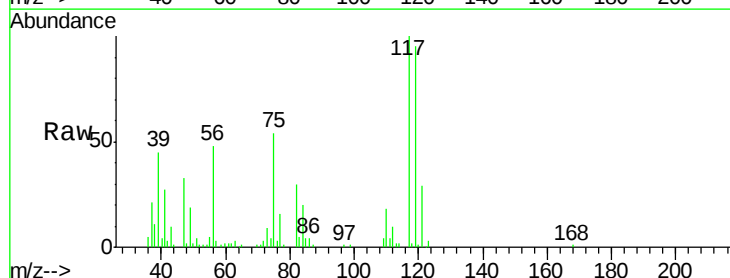
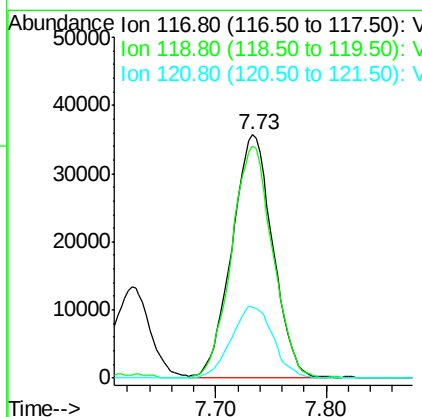
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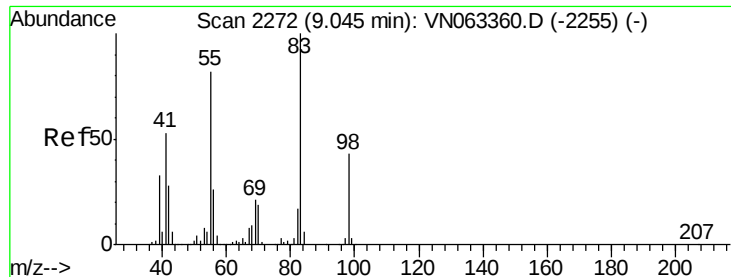
MMDadoda
9/23/2020 1:05:44 PM



#38
Carbon Tetrachloride
Concen: 18.531 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN063530.D
Acq: 22 Sep 2020 14:09

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.3	74.5	111.7
121	29.2	24.1	36.1





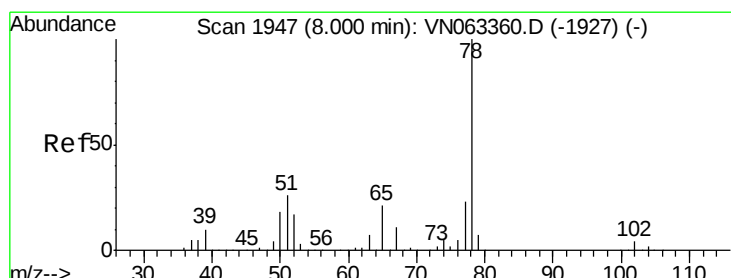
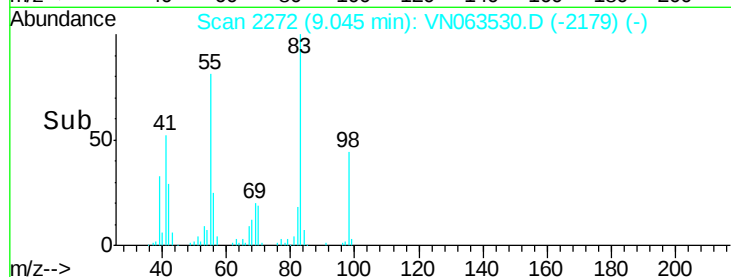
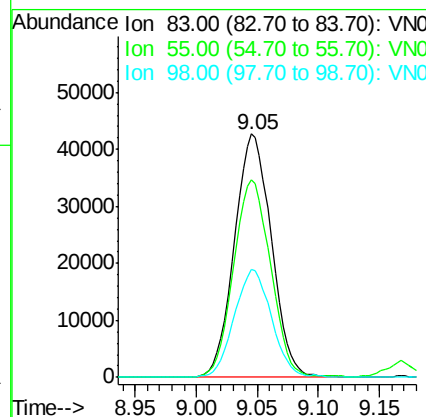
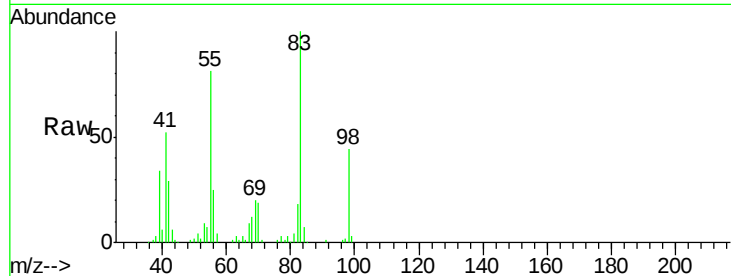
#39
Methvlcvclohexane
Concen: 17.064 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN063530.D
Acq: 22 Sep 2020 14:09

Instrument :
MSVOA_N
ClientSampleId :
VN0922WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	81.3	65.5	98.3
98	44.4	34.2	51.4

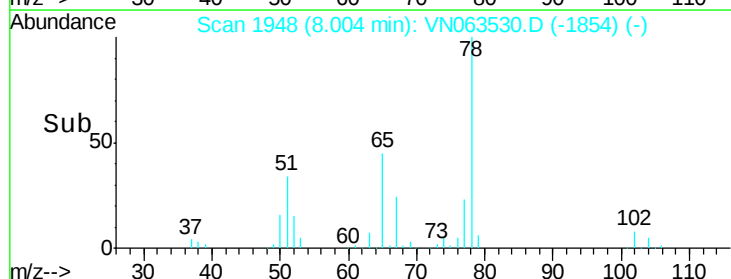
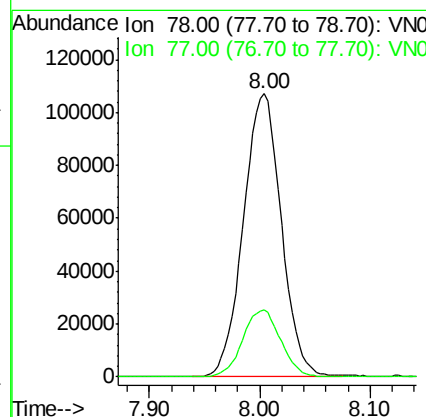
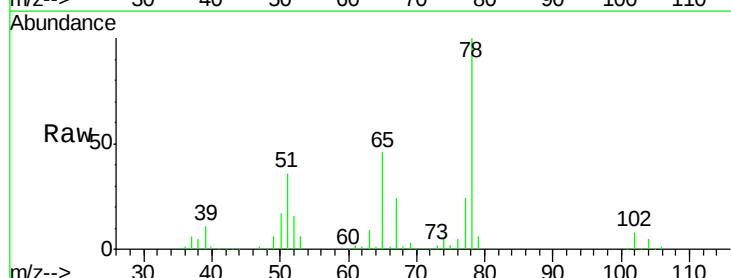
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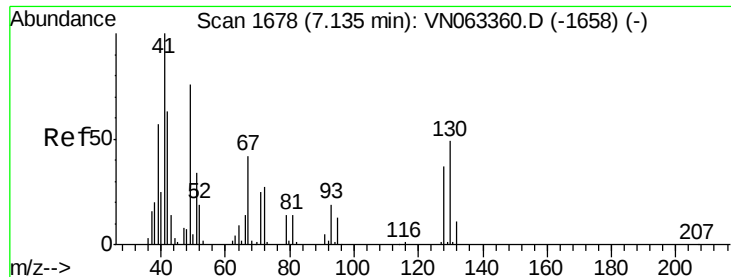
MMDadoda
9/23/2020 1:05:44 PM



#40
Benzene
Concen: 18.417 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063530.D
Acq: 22 Sep 2020 14:09

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.3	27.5





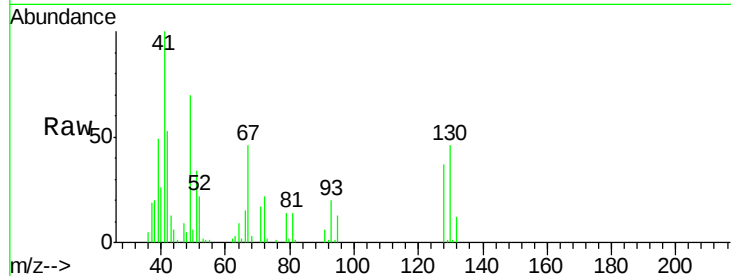
#41
Methacrylonitrile
Concen: 17.968 ug/l m
RT: 7.13 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN063530.D
Acq: 22 Sep 2020 14:09

Instrument :
MSVOA_N
ClientSampleId :
VN0922WBSD01

Tot Ion	Ratio	Lower	Upper
41	100		
39	105.8	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

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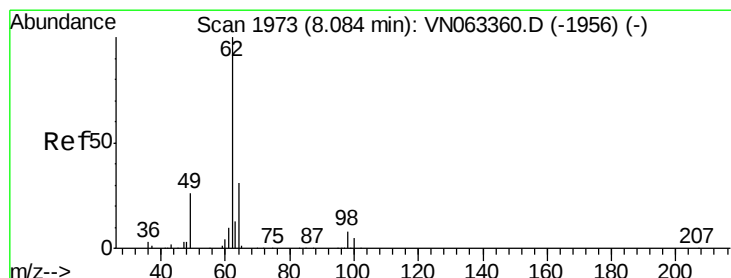
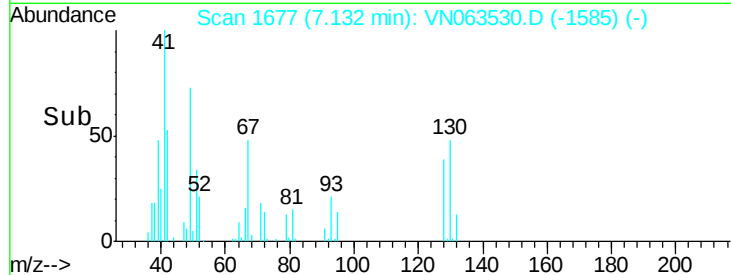
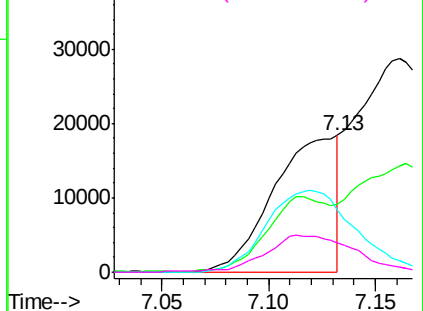


Abundance Ion 41.00 (40.70 to 41.70): VN063360.D (-1658) (-)

Ion 39.00 (38.70 to 39.70): VN063360.D (-1658) (-)

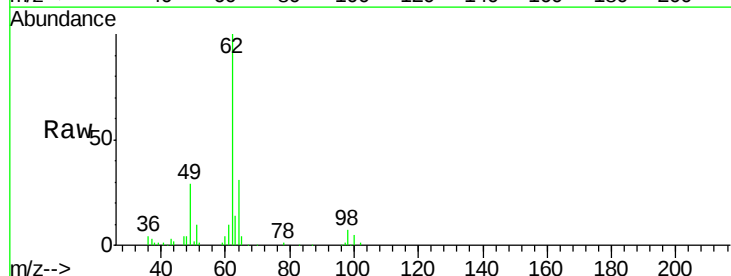
Ion 67.00 (66.70 to 67.70): VN063360.D (-1658) (-)

Ion 52.00 (51.70 to 52.70): VN063360.D (-1658) (-)



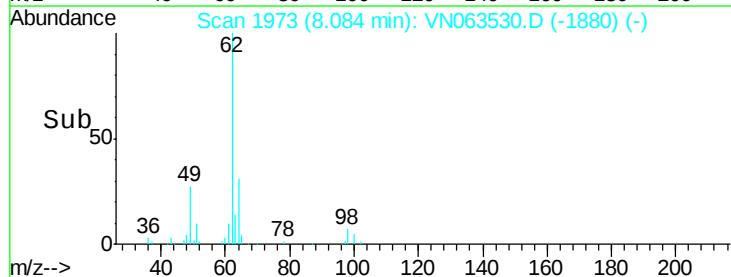
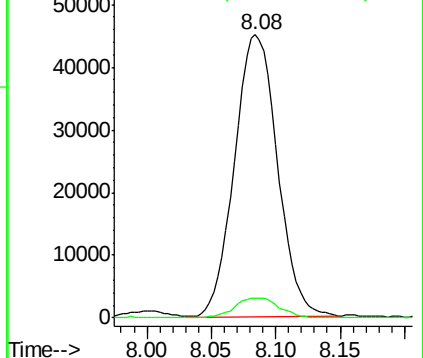
#42
1,2-Dichloroethane
Concen: 18.793 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN063530.D
Acq: 22 Sep 2020 14:09

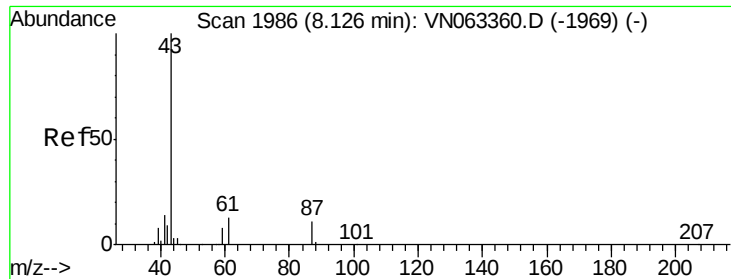
Tgt Ion	Ratio	Lower	Upper
62	100		
98	7.3	0.0	15.6



Abundance Ion 61.90 (61.60 to 62.60): VN063360.D (-1956) (-)

Ion 97.90 (97.60 to 98.60): VN063360.D (-1956) (-)





#43

Isopropyl Acetate

Concen: 17.703 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN063530.D

Acq: 22 Sep 2020 14:09

Instrument :

MSVOA_N

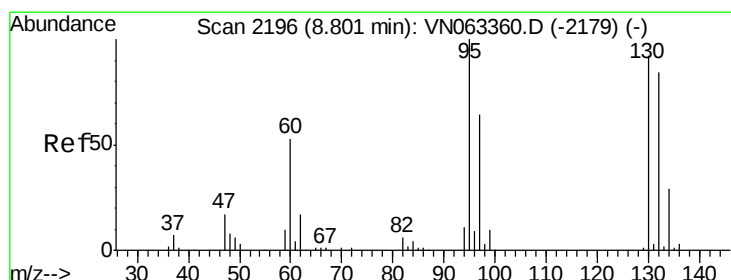
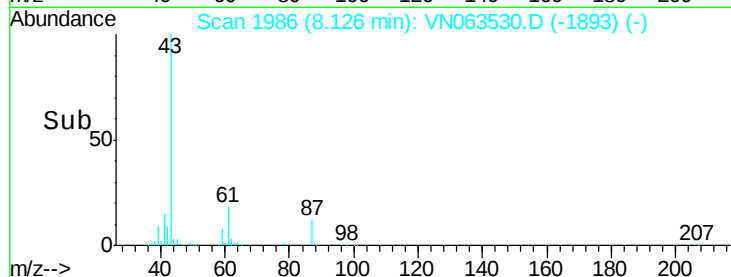
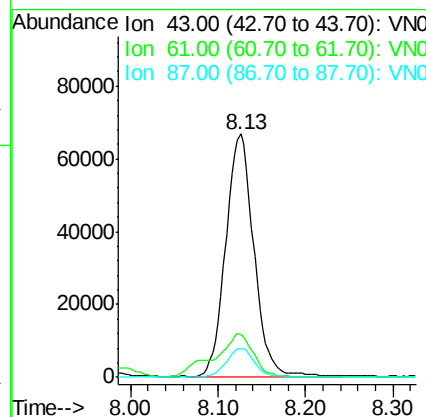
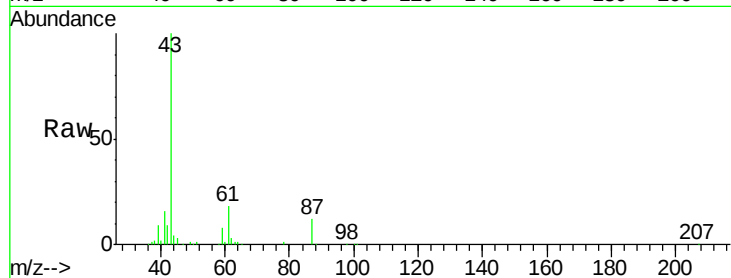
ClientSampleId :

VN0922WBSD01

Tot Ion:	43	Resp:	150740
Ion	Ratio	Lower	Upper
43	100		
61	18.8	14.2	21.2
87	11.8	9.0	13.6

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#44

Trichloroethene

Concen: 19.319 ug/l

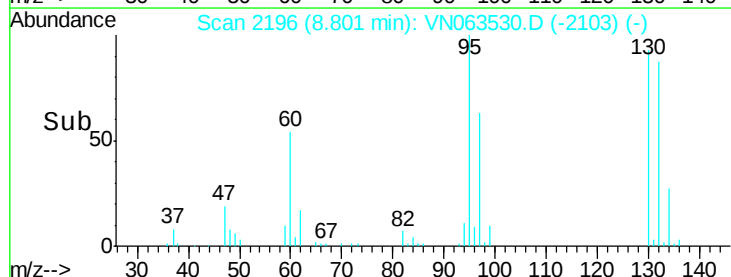
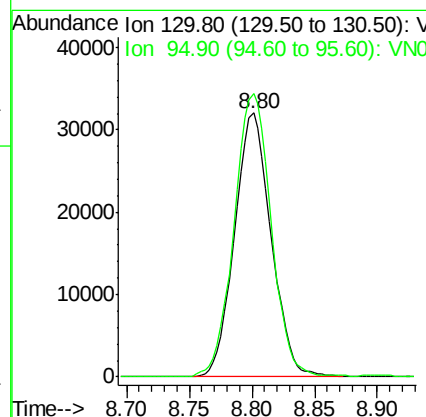
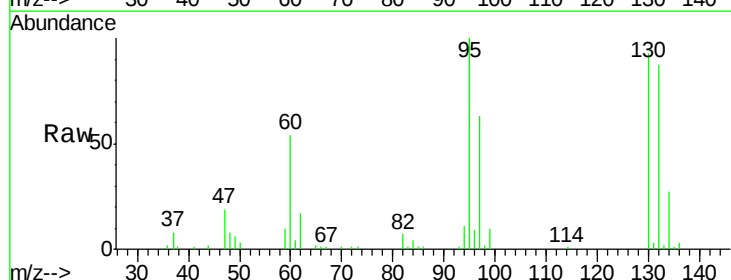
RT: 8.80 min Scan# 2196

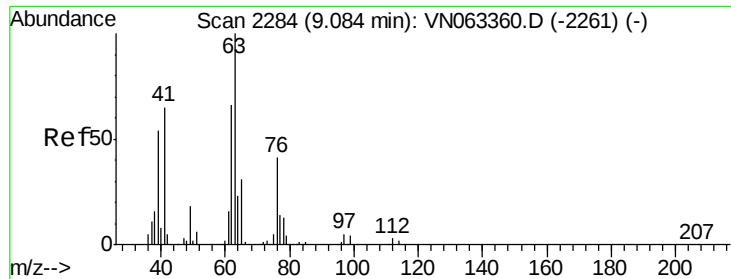
Delta R.T. -0.00 min

Lab File: VN063530.D

Acq: 22 Sep 2020 14:09

Tgt Ion:	130	Resp:	64899
Ion	Ratio	Lower	Upper
130	100		
95	107.4	0.0	217.4





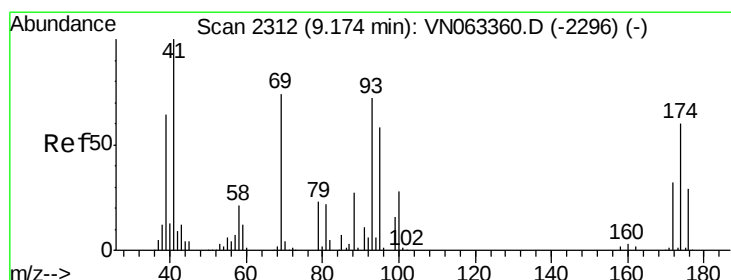
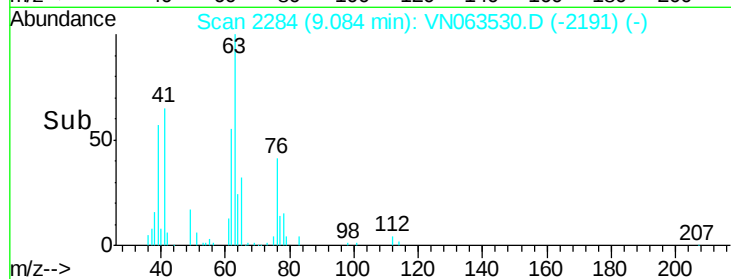
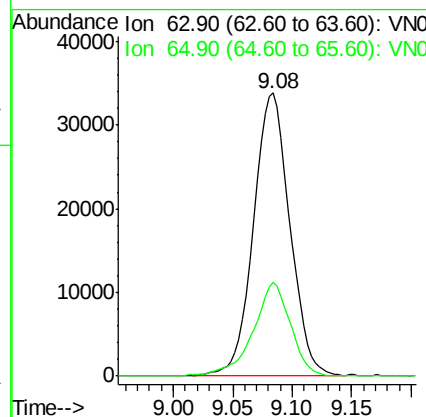
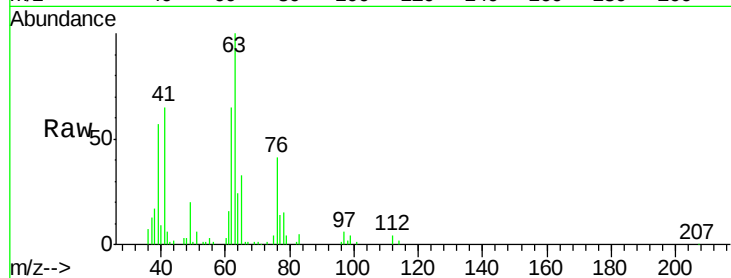
#45
 1,2-Dichloropropane
 Concen: 19.018 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN063530.D
 Acq: 22 Sep 2020 14:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0922WBSD01

Tot Ion: 63 Resp: 71741
 Ion Ratio Lower Upper
 63 100
 65 33.0 25.0 37.6

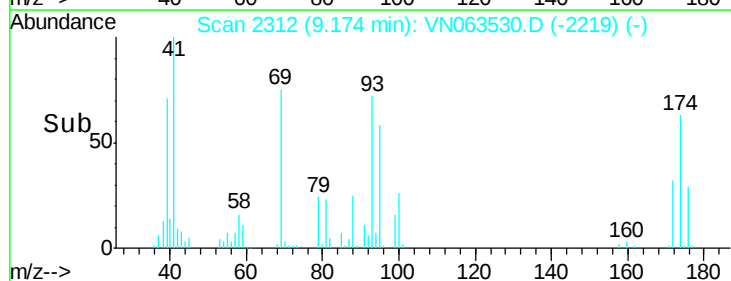
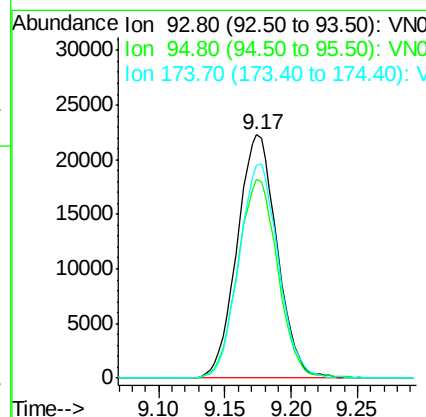
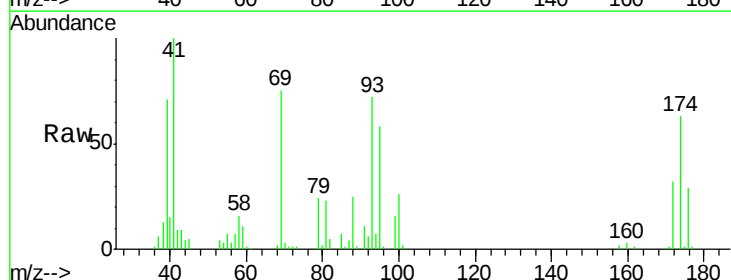
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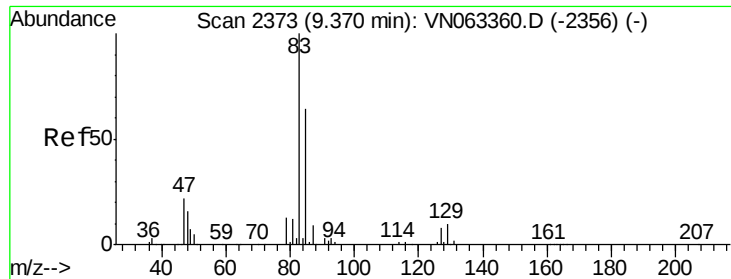
MMDadoda
 9/23/2020 1:05:44 PM



#46
 Dibromomethane
 Concen: 18.781 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN063530.D
 Acq: 22 Sep 2020 14:09

Tgt Ion: 93 Resp: 46564
 Ion Ratio Lower Upper
 93 100
 95 82.0 65.6 98.4
 174 86.8 68.1 102.1





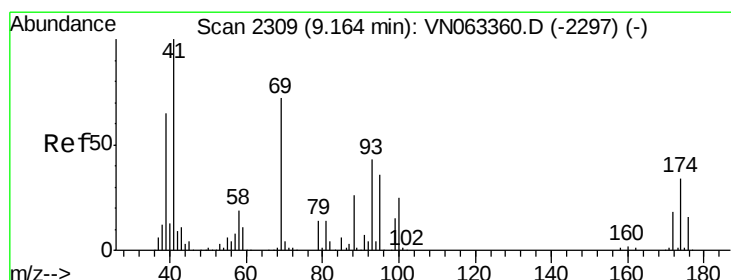
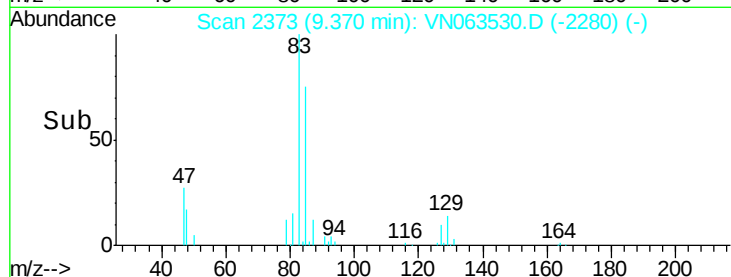
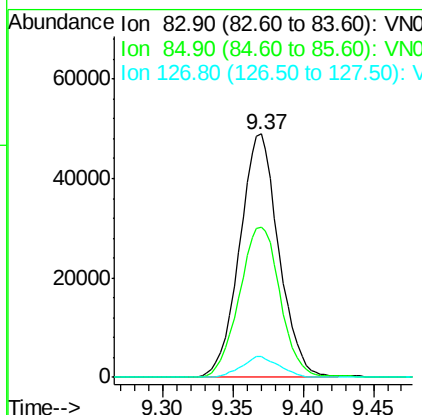
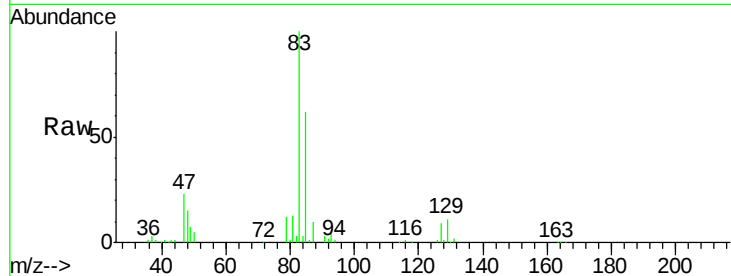
#47
Bromodichloromethane
Concen: 18.465 ug/l
RT: 9.37 min Scan# 2373
Delta R.T. -0.00 min
Lab File: VN063530.D
Acq: 22 Sep 2020 14:09

Instrument :
MSVOA_N
ClientSampleId :
VN0922WBSD01

Tot Ion	83	Resp	95109
Ion Ratio	100	Lower	Upper
83	100		
85	61.8	51.0	76.6
127	8.5	6.3	9.5

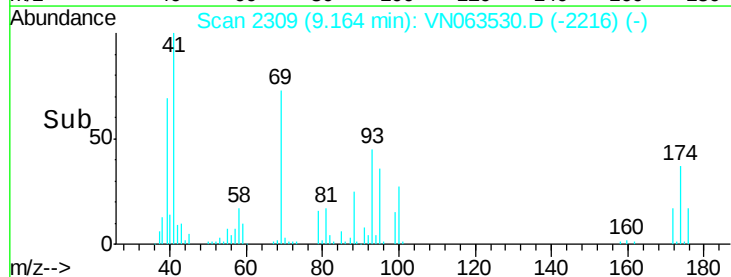
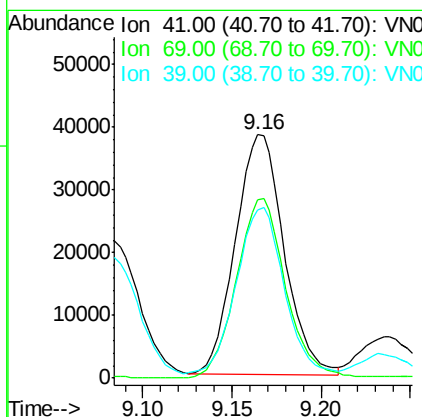
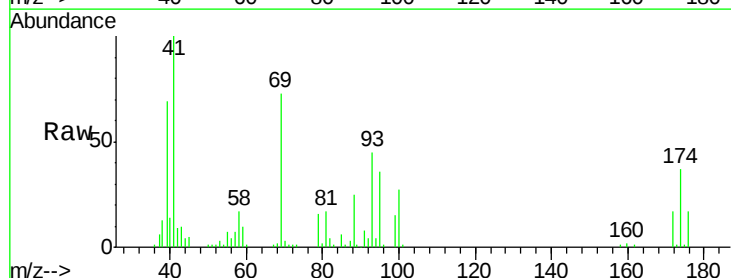
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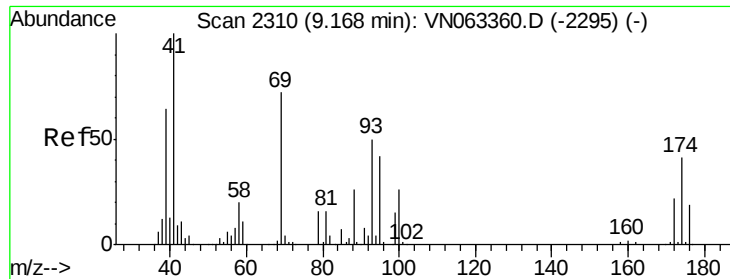
MMDadoda
9/23/2020 1:05:44 PM



#48
Methyl methacrylate
Concen: 17.450 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN063530.D
Acq: 22 Sep 2020 14:09

Tgt Ion	41	Resp	72999
Ion Ratio	100	Lower	Upper
41	100		
69	75.9	59.3	88.9
39	70.8	52.9	79.3





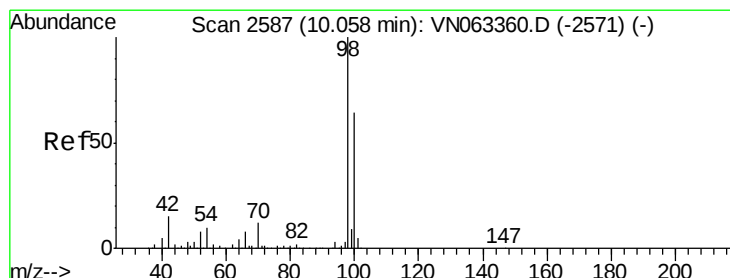
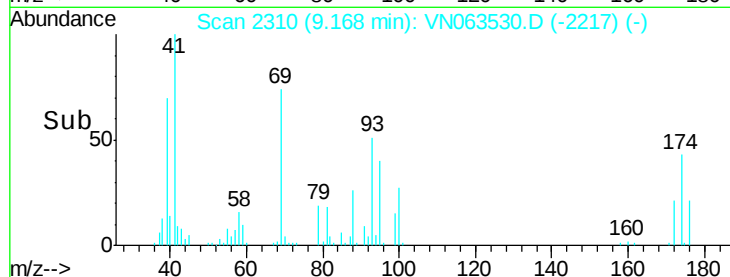
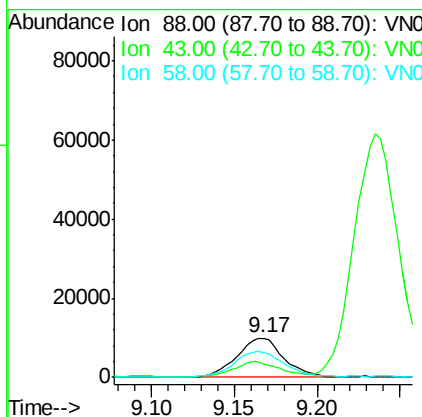
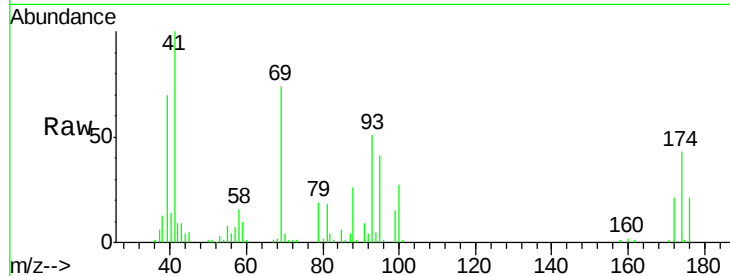
#49
1,4-Dioxane
Concen: 324.036 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. -0.00 min
Lab File: VN063530.D
Acq: 22 Sep 2020 14:09

Instrument :
MSVOA_N
ClientSampleId :
VN0922WBSD01

Tot Ion	88	Resp	19453
Ion Ratio	Lower	Upper	
88	100		
43	42.5	32.6	49.0
58	71.2	60.0	90.0

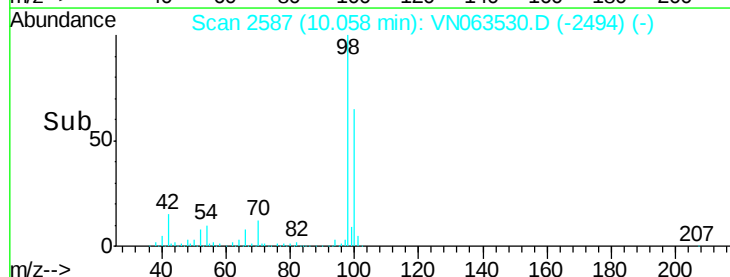
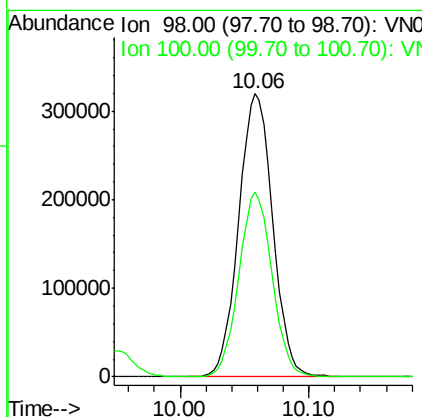
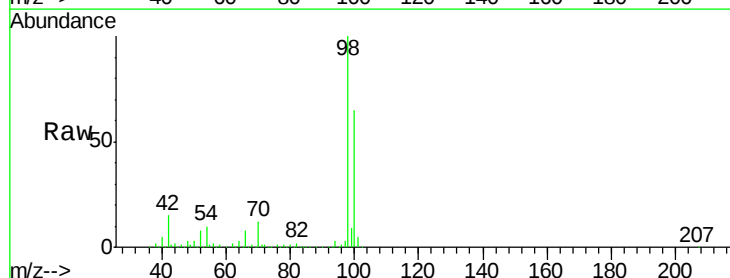
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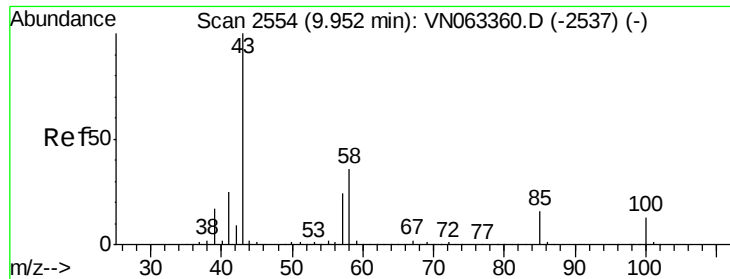
MMDadoda
9/23/2020 1:05:44 PM



#50
Toluene-d8
Concen: 49.571 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN063530.D
Acq: 22 Sep 2020 14:09

Tgt Ion	98	Resp	587661
Ion Ratio	Lower	Upper	
98	100		
100	63.7	50.7	76.1





#51

4-Methyl-2-Pentanone

Concen: 89.332 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN063530.D

Acq: 22 Sep 2020 14:09

Instrument :

MSVOA_N

ClientSampleId :

VN0922WBSD01

Tot Ion: 43 Resp: 425831

Ion Ratio Lower Upper

43 100

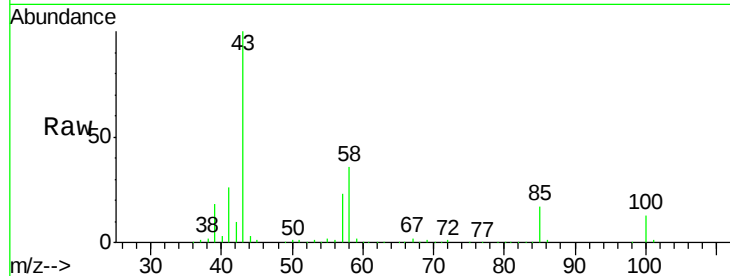
58 36.7 29.0 43.6

Manual Integrations

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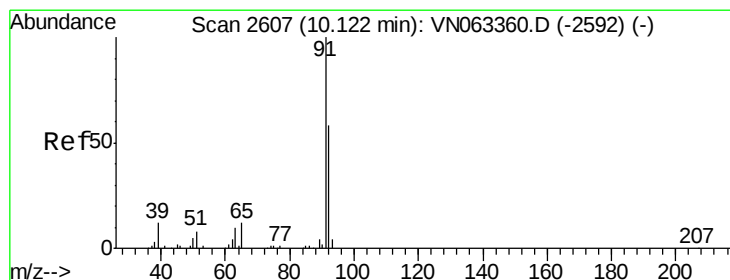
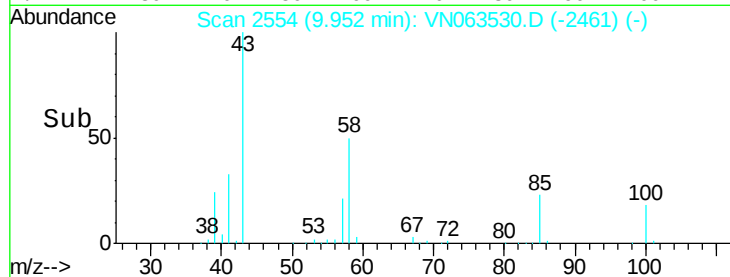
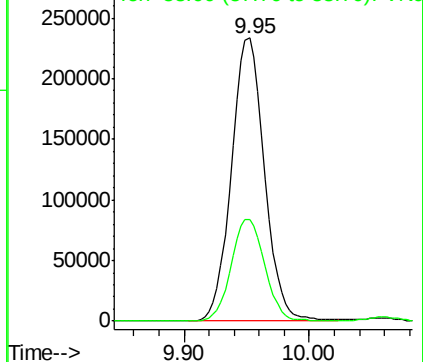
MMDadoda

9/23/2020 1:05:44 PM



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 19.097 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN063530.D

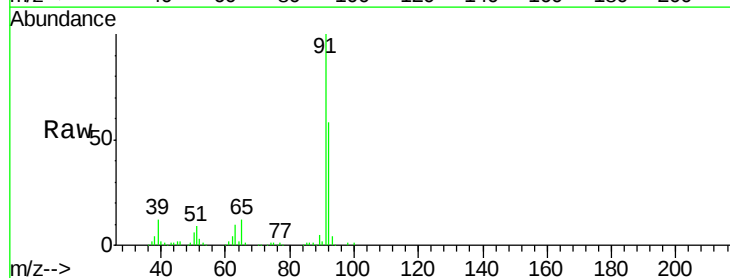
Acq: 22 Sep 2020 14:09

Tgt Ion: 92 Resp: 159026

Ion Ratio Lower Upper

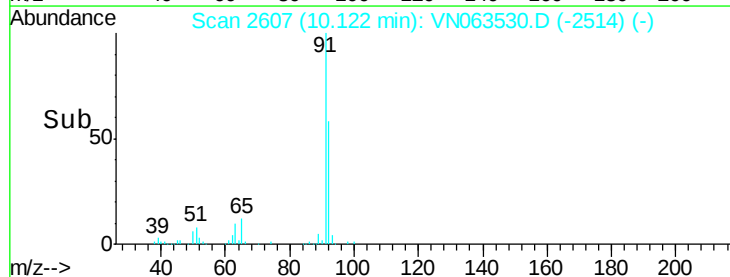
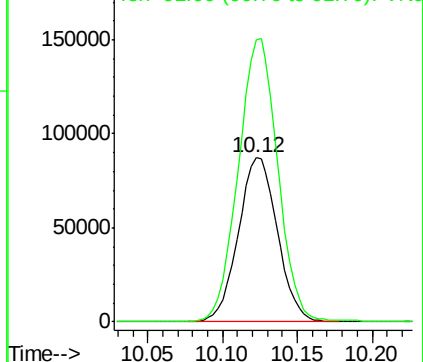
92 100

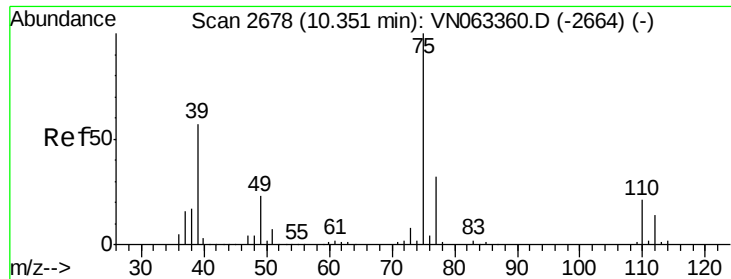
91 174.2 139.7 209.5



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





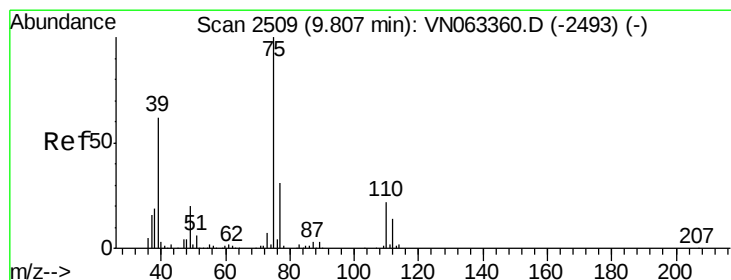
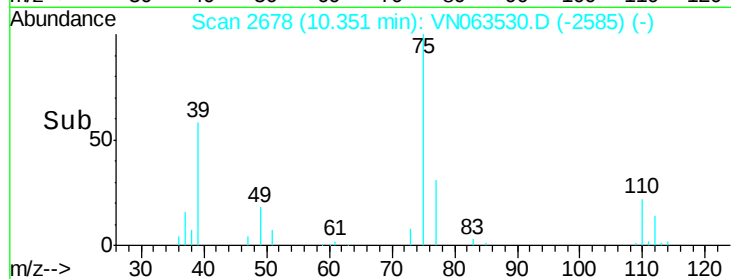
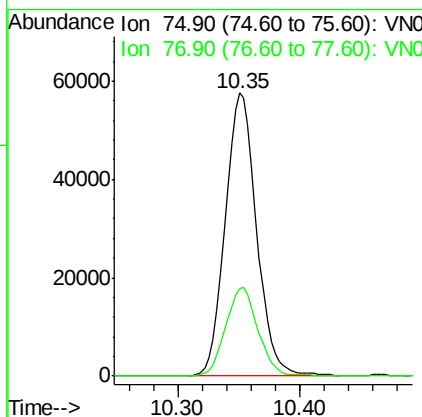
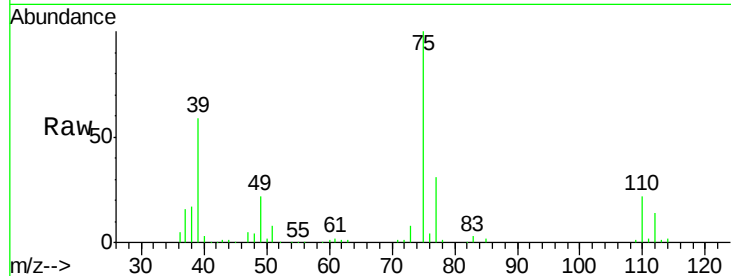
#53
 t-1,3-Dichloropropene
 Concen: 18.017 ug/l
 RT: 10.35 min Scan# 2678
 Delta R.T. -0.00 min
 Lab File: VN063530.D
 Acq: 22 Sep 2020 14:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0922WBSD01

Tot Ion: 75 Resp: 103603
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.4 38.2

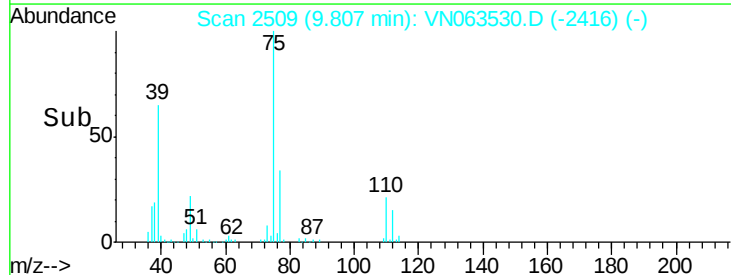
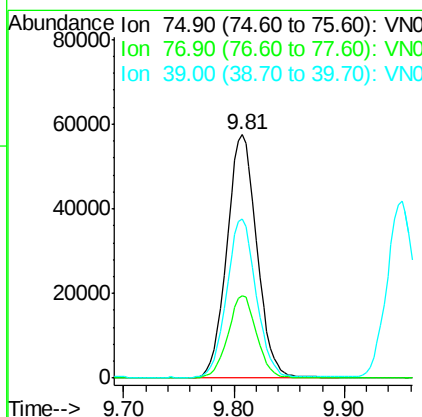
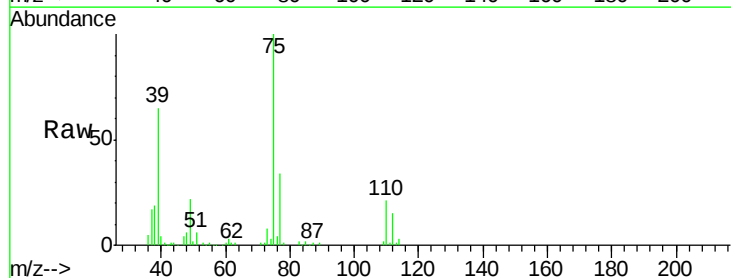
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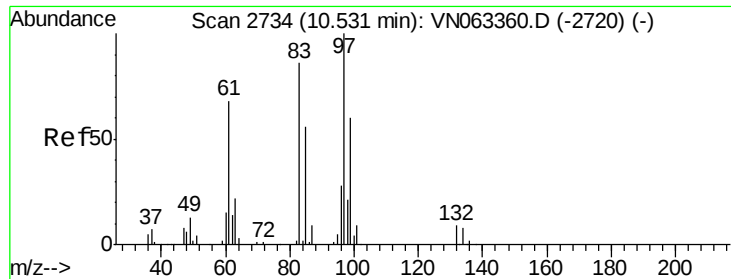
MMDadoda
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#54
 cis-1,3-Dichloropropene
 Concen: 17.911 ug/l
 RT: 9.81 min Scan# 2509
 Delta R.T. -0.00 min
 Lab File: VN063530.D
 Acq: 22 Sep 2020 14:09

Tgt Ion: 75 Resp: 108635
 Ion Ratio Lower Upper
 75 100
 77 33.9 24.6 37.0
 39 65.2 49.8 74.8





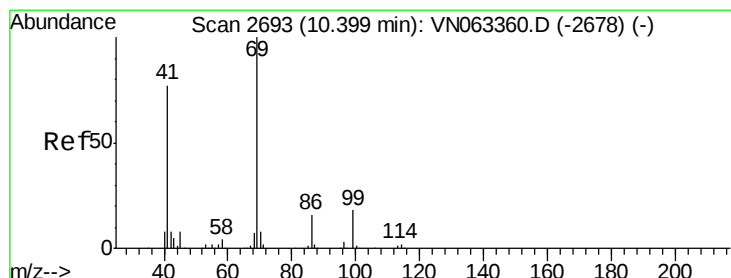
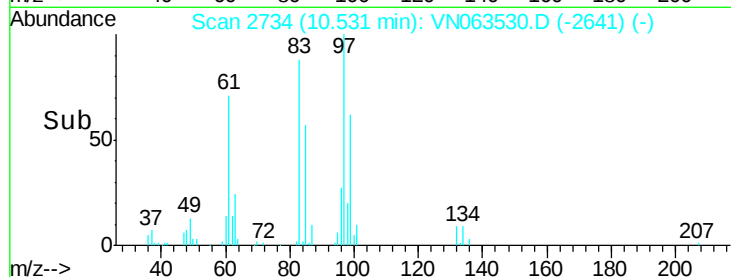
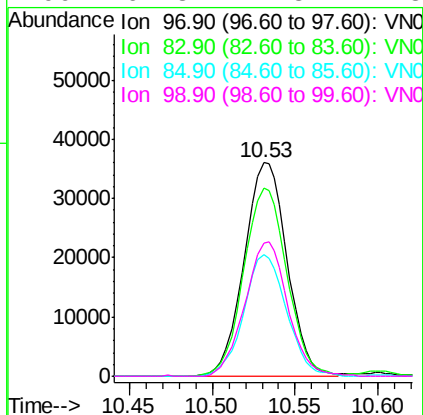
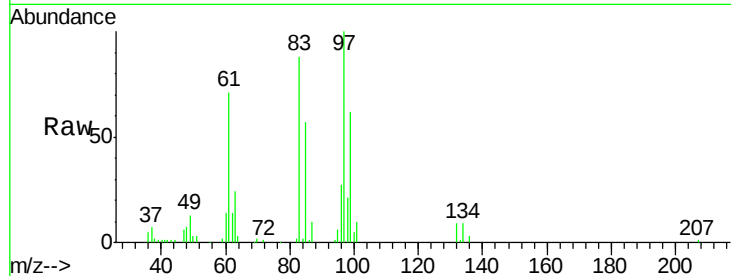
#55
 1,1,2-Trichloroethane
 Concen: 19.571 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN063530.D
 Acq: 22 Sep 2020 14:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0922WBSD01

Tot Ion:	97	Resp:	64732
Ion	Ratio	Lower	Upper
97	100		
83	87.9	68.9	103.3
85	56.9	44.8	67.2
99	62.3	47.8	71.8

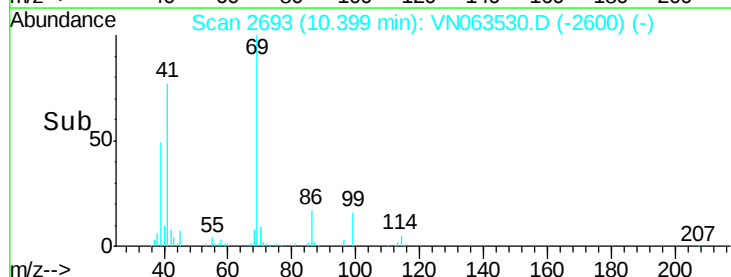
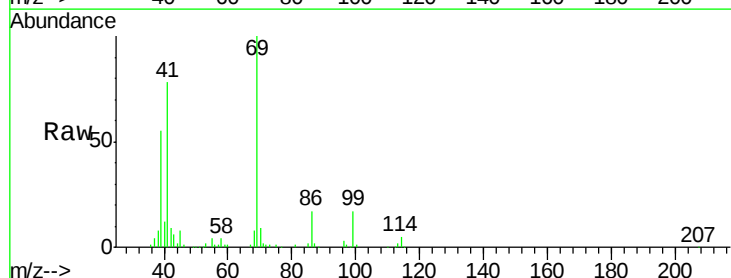
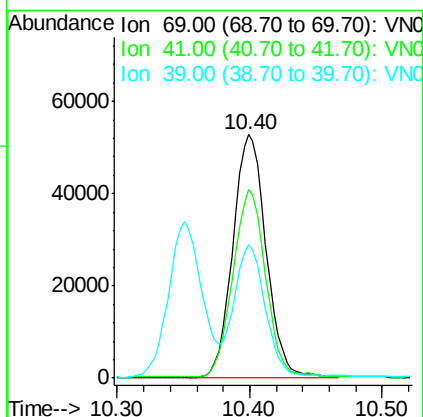
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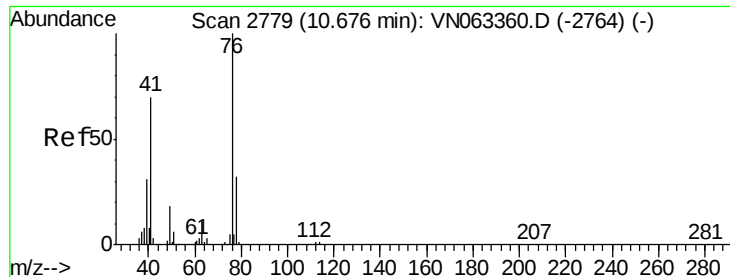
MMDadoda
 9/23/2020 1:05:44 PM



#56
 Ethyl methacrylate
 Concen: 17.893 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. -0.00 min
 Lab File: VN063530.D
 Acq: 22 Sep 2020 14:09

Tgt Ion:	69	Resp:	92394
Ion	Ratio	Lower	Upper
69	100		
41	75.4	61.0	91.6
39	50.6	39.2	58.8





#57

1,3-Dichloropropane

Concen: 18.677 ug/l

RT: 10.68 min Scan# 2779

Delta R.T. -0.00 min

Lab File: VN063530.D

Acq: 22 Sep 2020 14:09

Instrument :

MSVOA_N

ClientSampled :

VN0922WBSD01

Tot Ion: 76 Resp: 111404

Ion Ratio Lower Upper

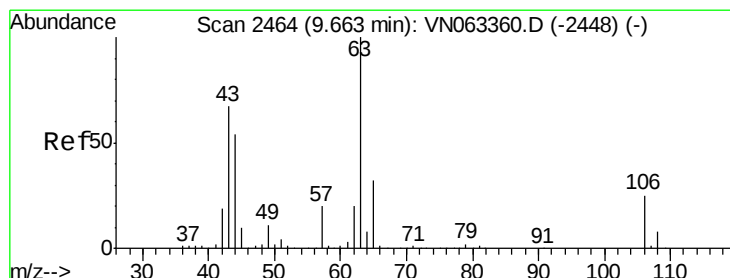
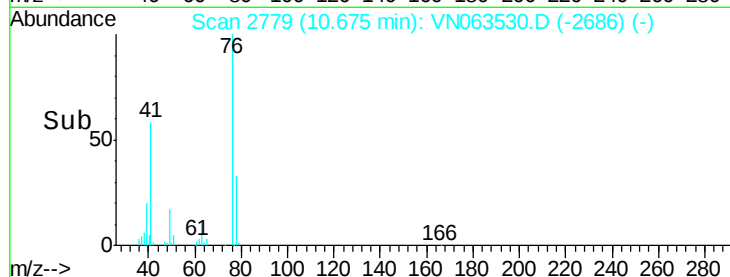
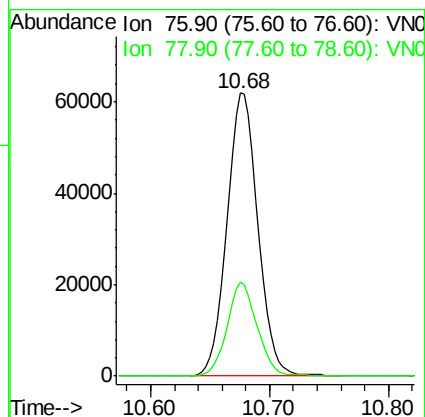
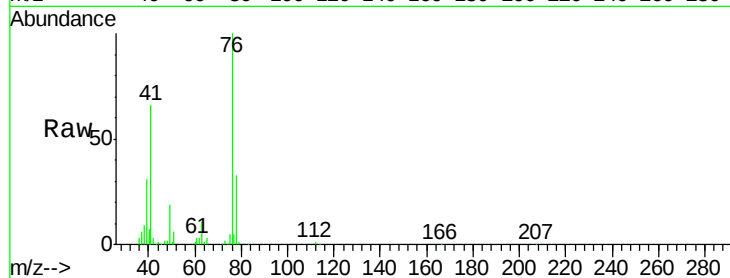
76 100

78 32.3 25.8 38.8

Manual Integrations
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MMDadoda

9/23/2020 1:05:44 PM



#58

2-Chloroethyl Vinyl ether

Concen: 85.829 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. -0.00 min

Lab File: VN063530.D

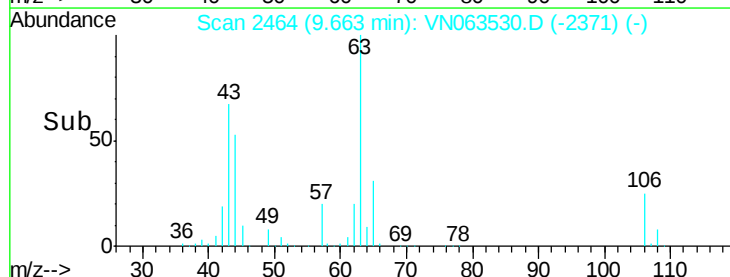
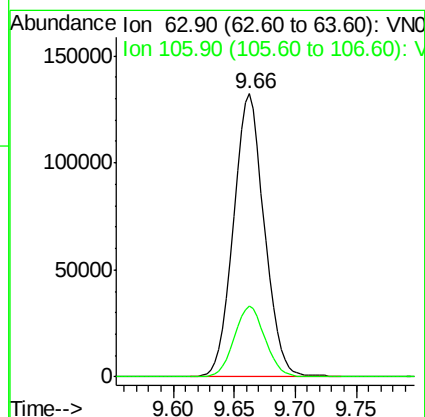
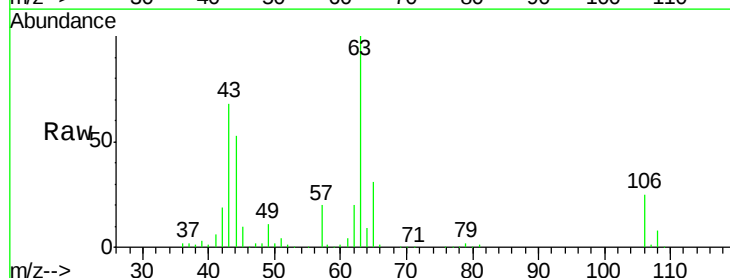
Acq: 22 Sep 2020 14:09

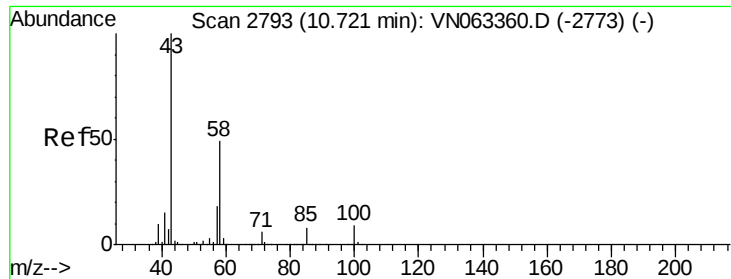
Tgt Ion: 63 Resp: 232487

Ion Ratio Lower Upper

63 100

106 25.2 19.5 29.3





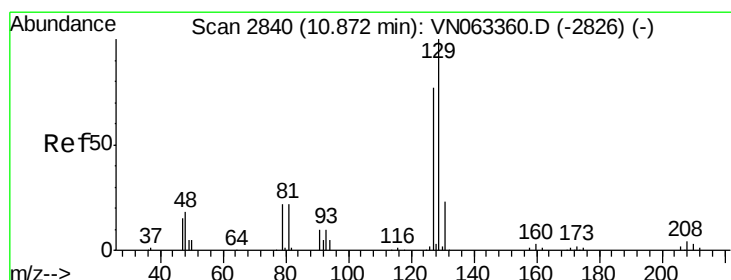
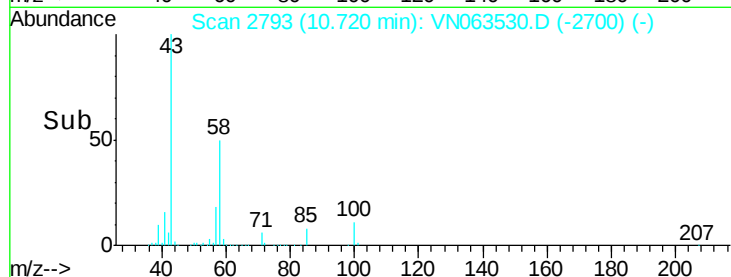
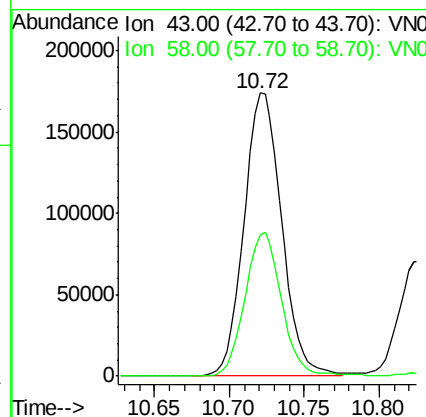
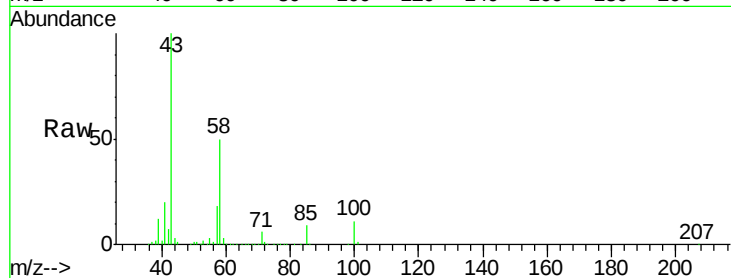
#59
2-Hexanone
Concen: 87.941 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN063530.D
Acq: 22 Sep 2020 14:09

Instrument :
MSVOA_N
ClientSampleId :
VN0922WBSD01

Tot Ion: 43 Resp: 303700
Ion Ratio Lower Upper
43 100
58 49.5 24.7 74.1

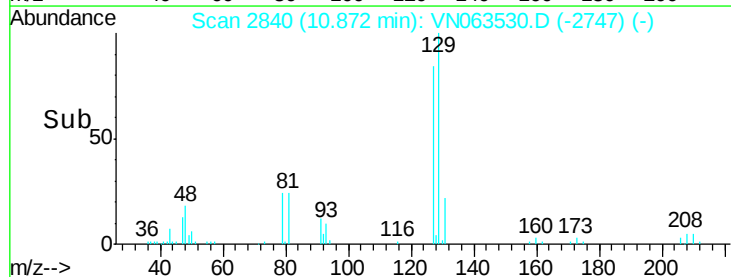
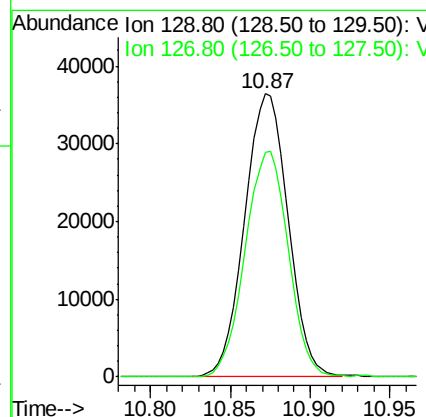
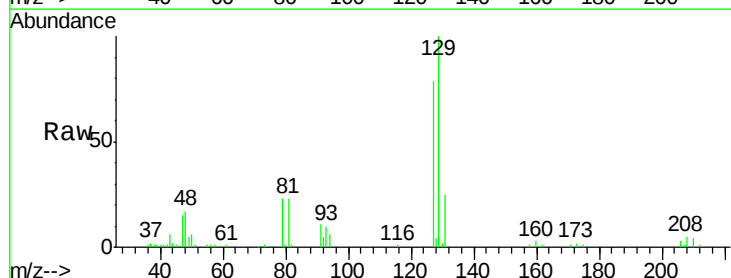
Manual Integrations
APPROVED

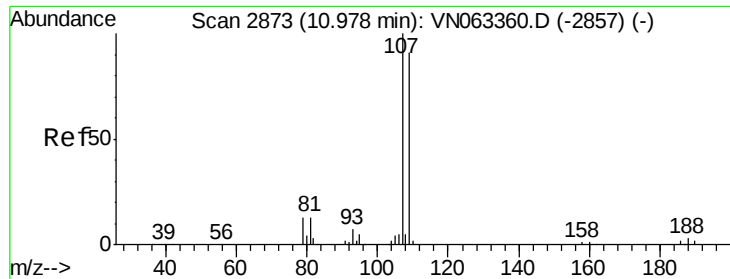
MMDadoda
9/23/2020 1:05:44 PM



#60
Dibromochloromethane
Concen: 18.103 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN063530.D
Acq: 22 Sep 2020 14:09

Tgt Ion: 129 Resp: 67647
Ion Ratio Lower Upper
129 100
127 79.1 39.1 117.3





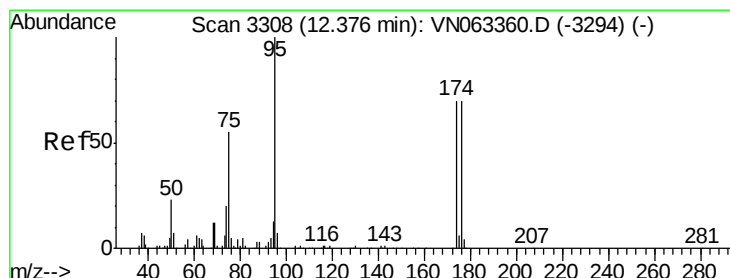
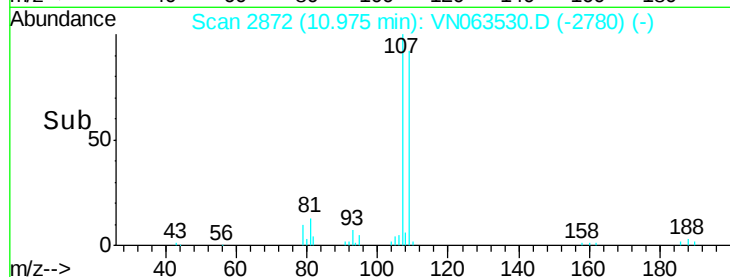
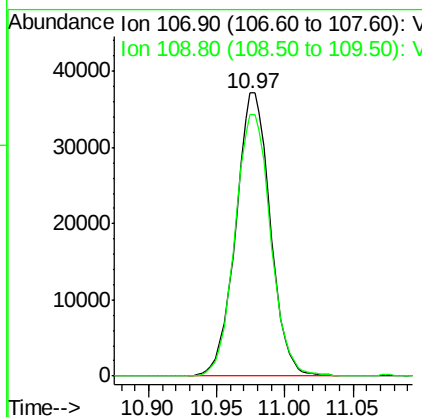
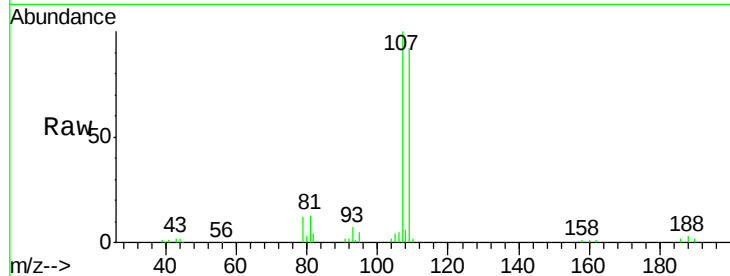
#61
 1,2-Dibromoethane
 Concen: 18.994 ug/l
 RT: 10.97 min Scan# 2872
 Delta R.T. -0.00 min
 Lab File: VN063530.D
 Acq: 22 Sep 2020 14:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0922WBSD01

Tot Ion: 107 Resp: 65269
 Ion Ratio Lower Upper
 107 100
 109 95.7 74.6 111.8

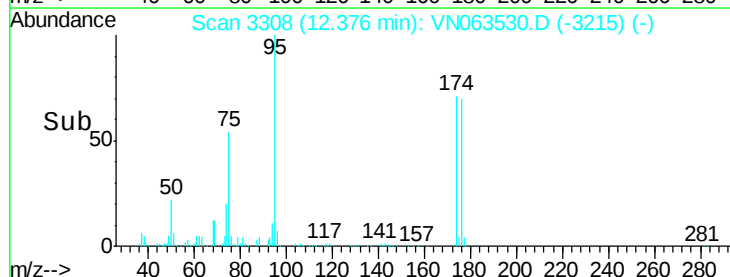
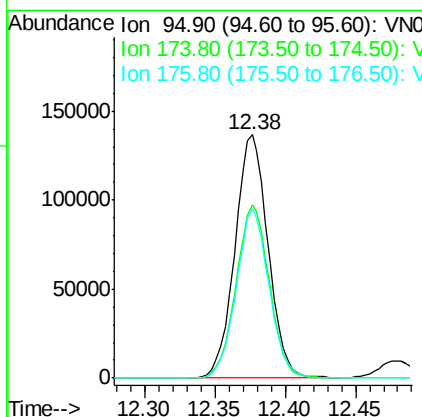
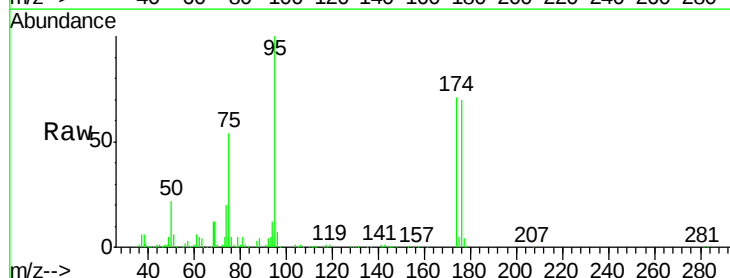
Manual Integrations
 APPROVED

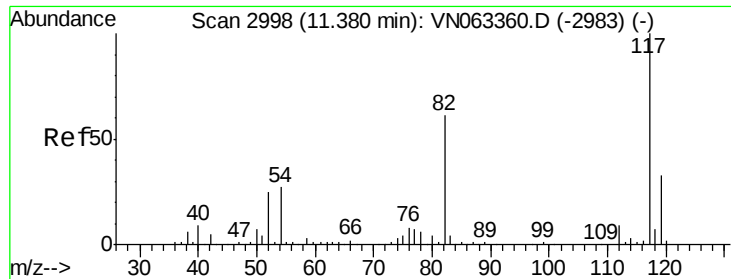
MMDadoda
 9/23/2020 1:05:44 PM



#62
 4-Bromofluorobenzene
 Concen: 51.783 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. -0.00 min
 Lab File: VN063530.D
 Acq: 22 Sep 2020 14:09

Tgt Ion: 95 Resp: 225038
 Ion Ratio Lower Upper
 95 100
 174 71.6 0.0 140.8
 176 68.9 0.0 137.6





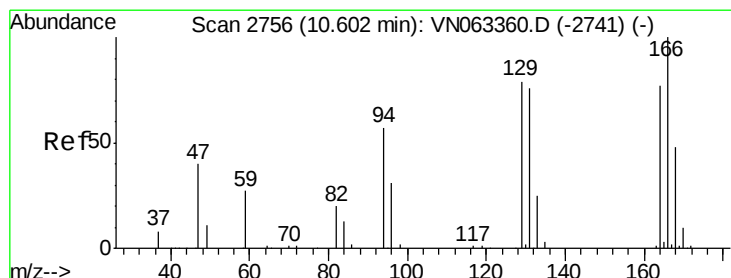
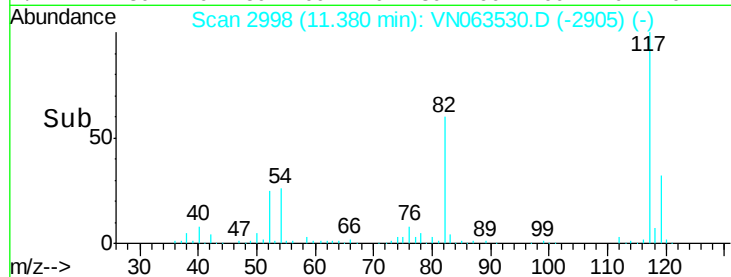
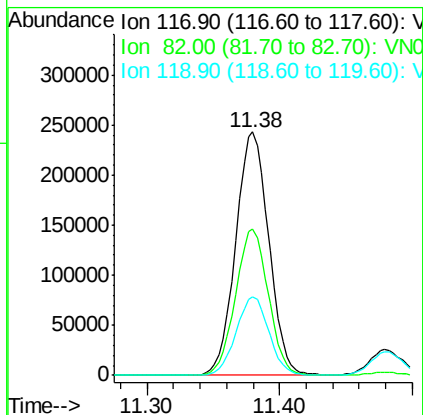
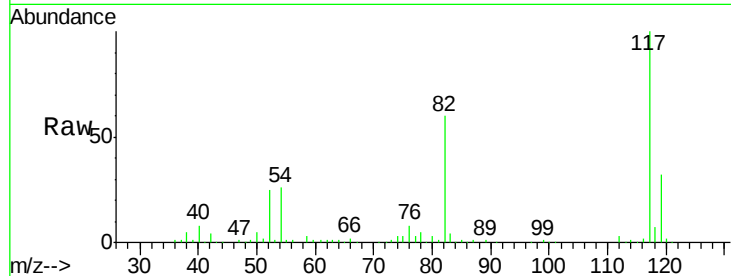
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063530.D
Acq: 22 Sep 2020 14:09

Instrument :
MSVOA_N
ClientSampleId :
VN0922WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.1	49.2	73.8
119	32.4	26.2	39.4

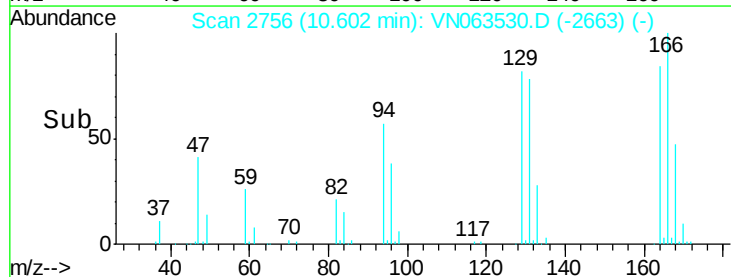
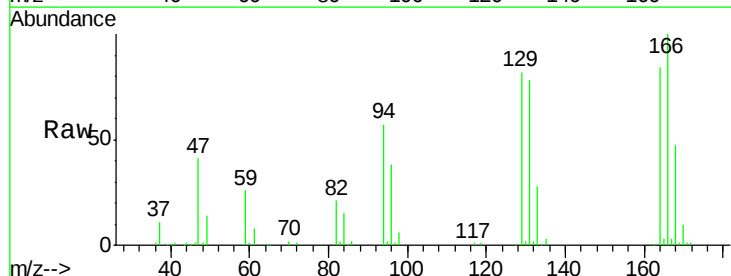
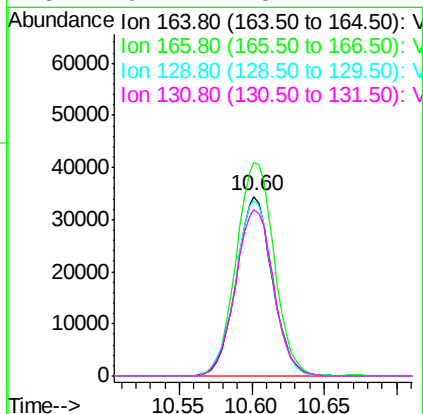
Manual Integrations
APPROVED

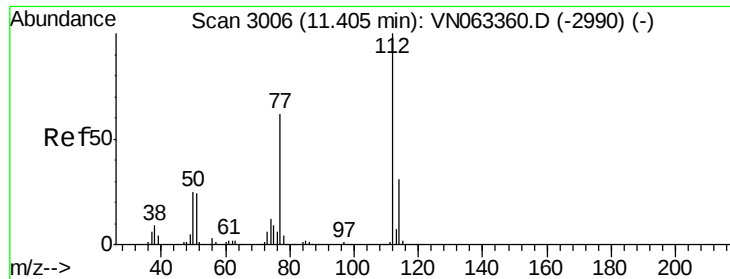
MMDadoda
9/23/2020 1:05:44 PM



#64
Tetrachloroethene
Concen: 20.747 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN063530.D
Acq: 22 Sep 2020 14:09

Tgt Ion	Ratio	Lower	Upper
164	100		
166	118.8	103.4	155.0
129	97.7	81.8	122.6
131	92.2	78.2	117.4





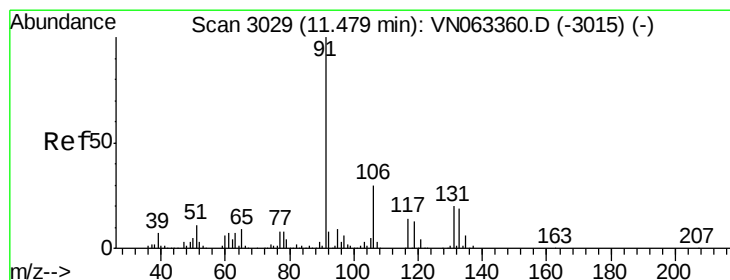
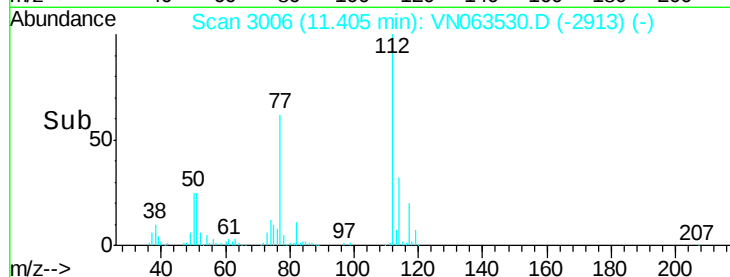
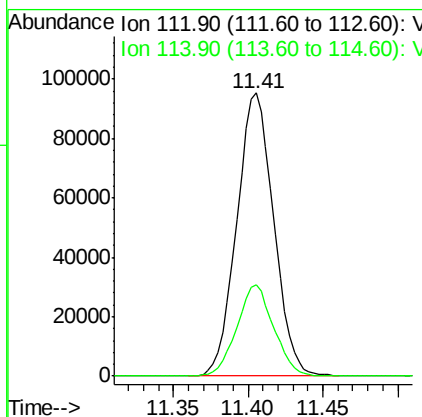
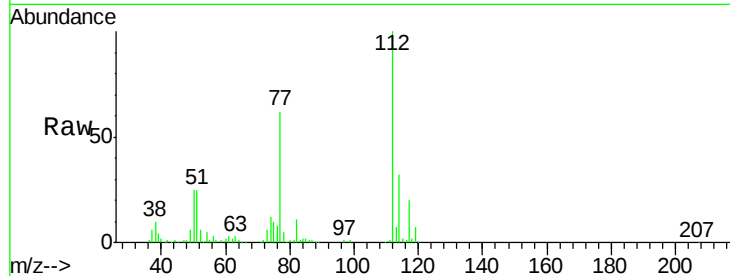
#65
Chlorobenzene
Concen: 18.309 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN063530.D
Acq: 22 Sep 2020 14:09

Instrument :
MSVOA_N
ClientSampleId :
VN0922WBSD01

Tot Ion:112 Resp: 163963
Ion Ratio Lower Upper
112 100
114 32.4 25.0 37.6

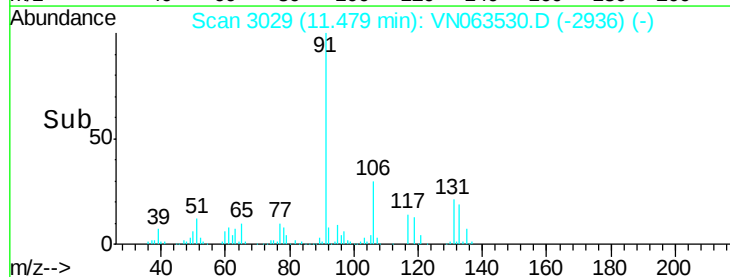
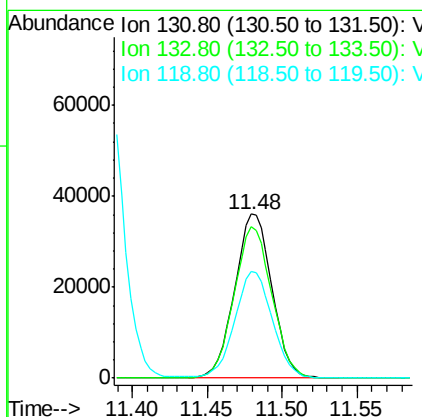
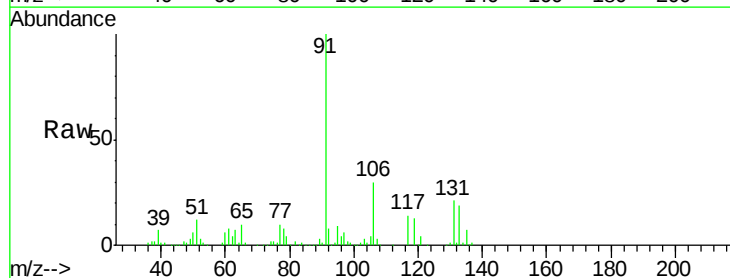
Manual Integrations
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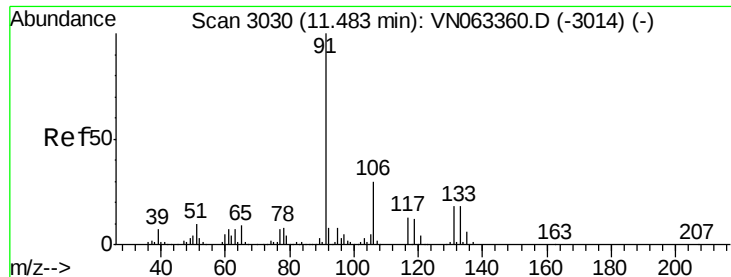
MMDadoda
9/23/2020 1:05:44 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 19.043 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN063530.D
Acq: 22 Sep 2020 14:09

Tgt Ion:131 Resp: 62515
Ion Ratio Lower Upper
131 100
133 93.6 47.3 141.9
119 65.6 33.6 100.8





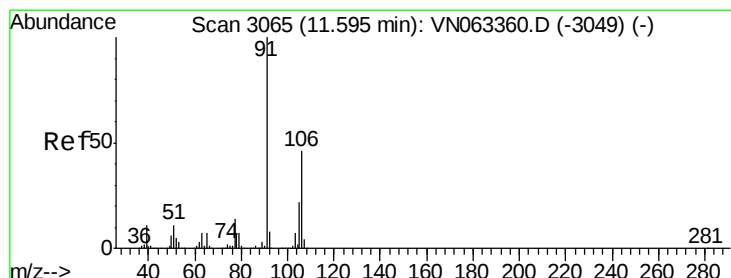
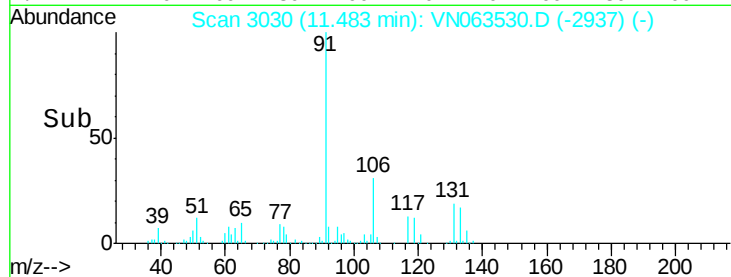
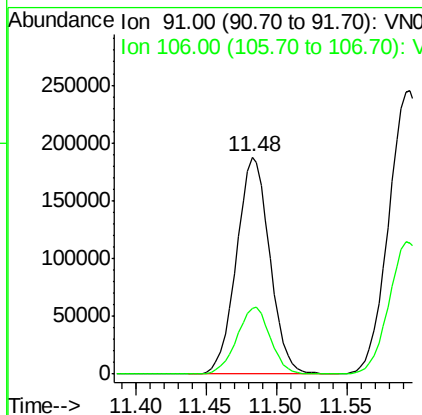
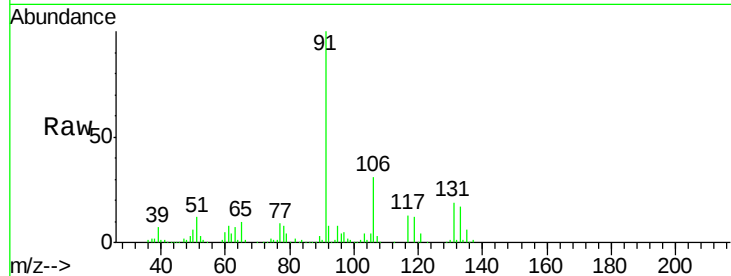
#67
Ethyl Benzene
Concen: 18.416 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN063530.D
Acq: 22 Sep 2020 14:09

Instrument :
MSVOA_N
ClientSampleId :
VN0922WBSD01

Tot Ion: 91 Resp: 310590
Ion Ratio Lower Upper
91 100
106 30.5 23.8 35.6

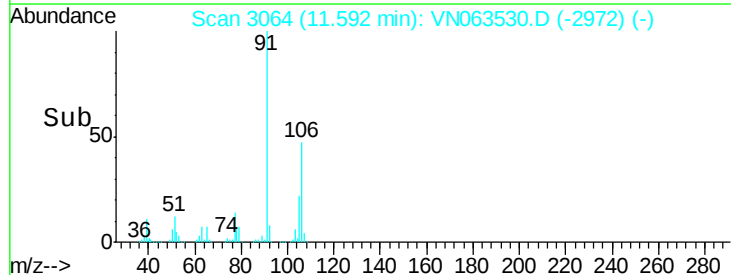
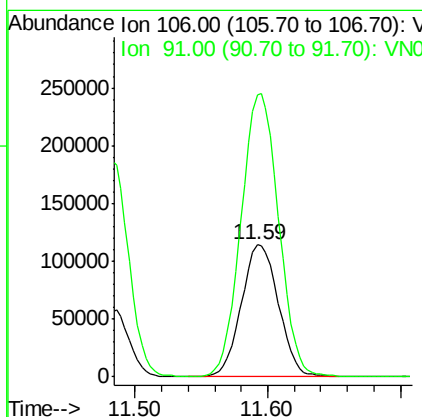
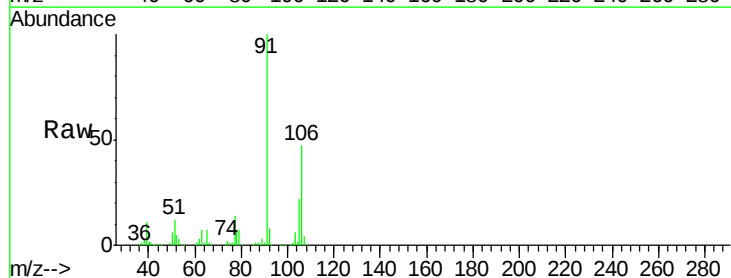
Manual Integrations
APPROVED

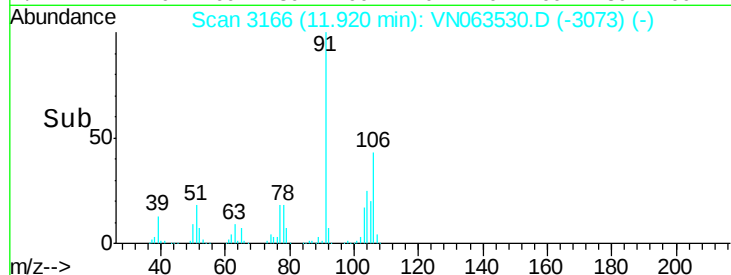
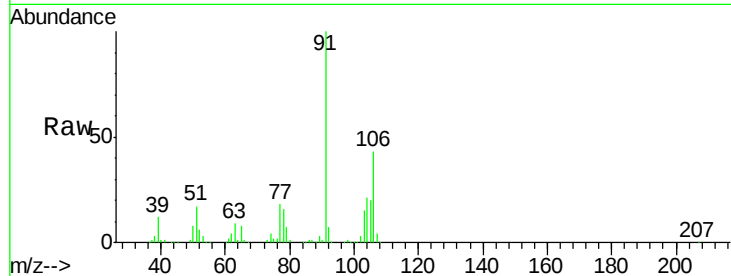
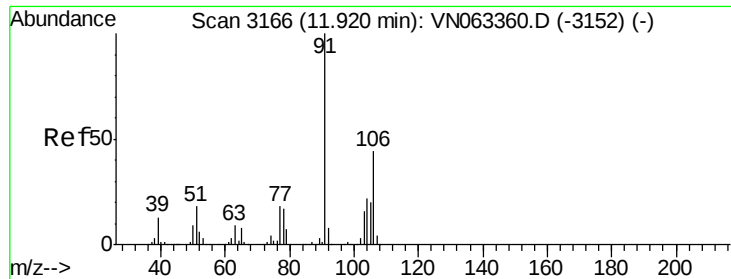
MMDadoda
9/23/2020 1:05:44 PM



#68
m/p-Xylenes
Concen: 36.450 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN063530.D
Acq: 22 Sep 2020 14:09

Tgt Ion: 106 Resp: 221641
Ion Ratio Lower Upper
106 100
91 216.2 171.2 256.8





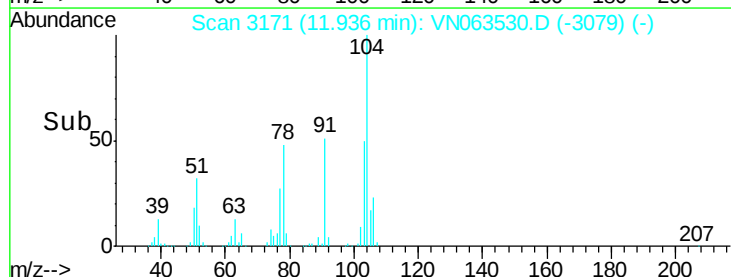
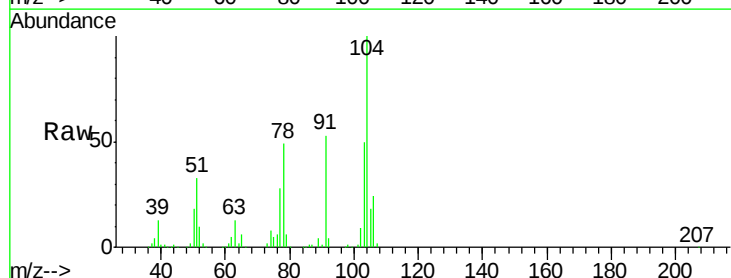
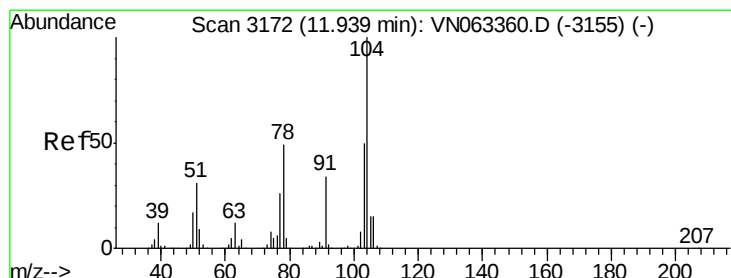
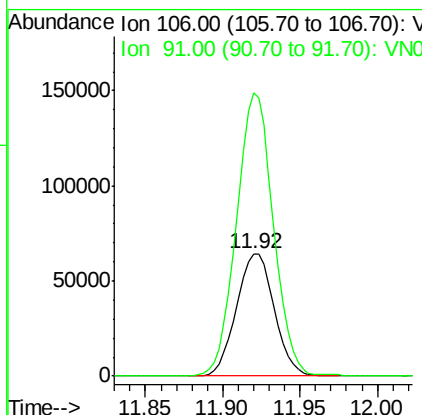
#69
o-Xylene
Concen: 18.904 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN063530.D
Acq: 22 Sep 2020 14:09

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	109502		
91	91	225.2	113.6	340.8	

Instrument :
MSVOA_N
ClientSampleId :
VN0922WBSD01

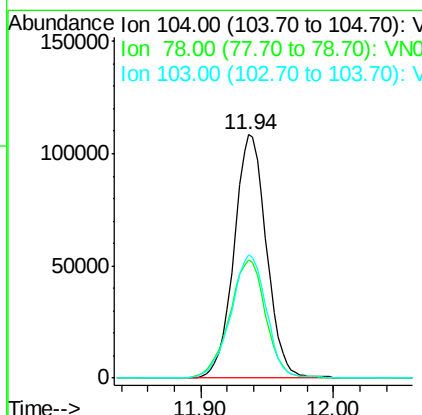
Manual Integrations
APPROVED

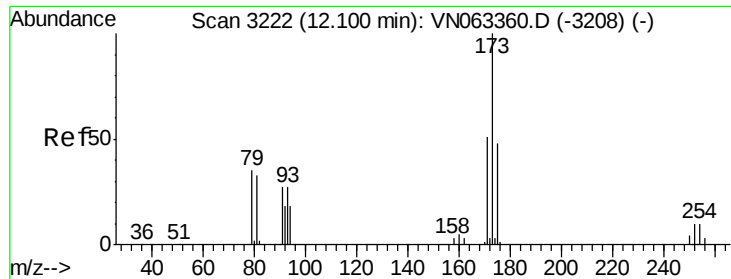
MMDadoda
9/23/2020 1:05:44 PM



#70
Styrene
Concen: 18.984 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN063530.D
Acq: 22 Sep 2020 14:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	184408		
78	78	54.4	44.4	66.6	
103	103	55.2	43.7	65.5	





#71

Bromoform

Concen: 17.527 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. -0.00 min

Lab File: VN063530.D

Acq: 22 Sep 2020 14:09

Instrument :

MSVOA_N

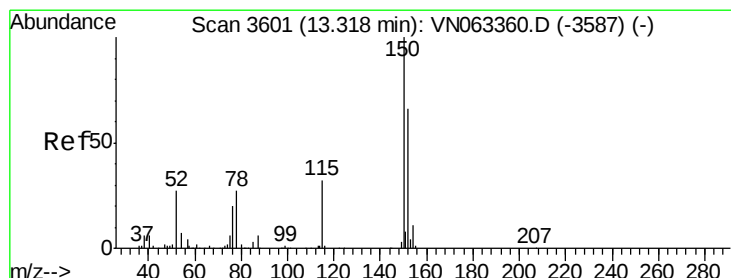
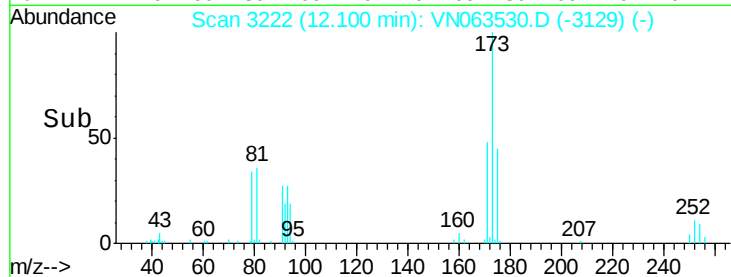
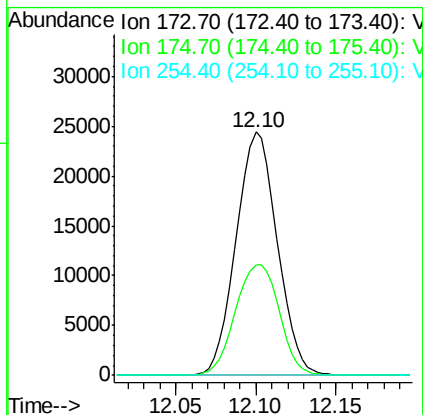
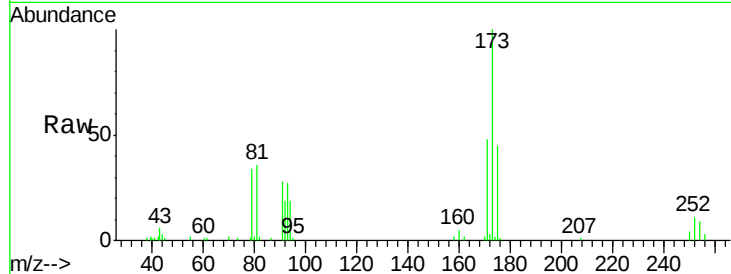
ClientSampleId :

VN0922WBSD01

Tot Ion:	173	Resp:	42863
Ion Ratio	Lower	Upper	
173	100		
175	48.4	24.0	72.0
254	0.0	0.0	0.0

Manual Integrations
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9/23/2020 1:05:44 PM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

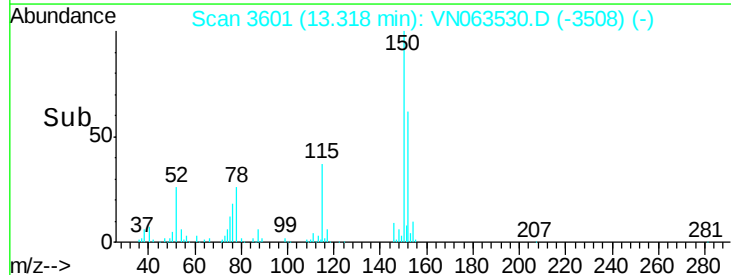
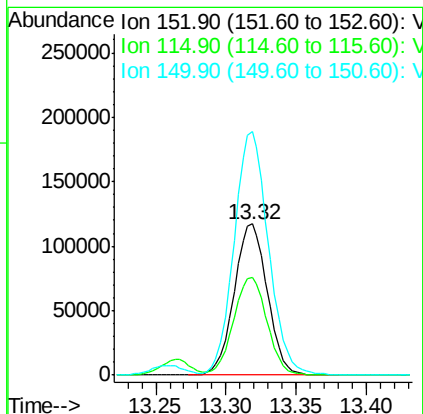
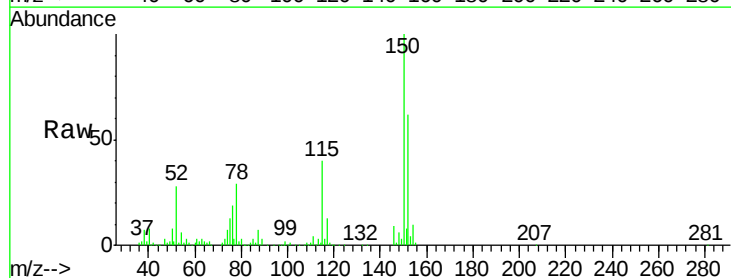
RT: 13.32 min Scan# 3601

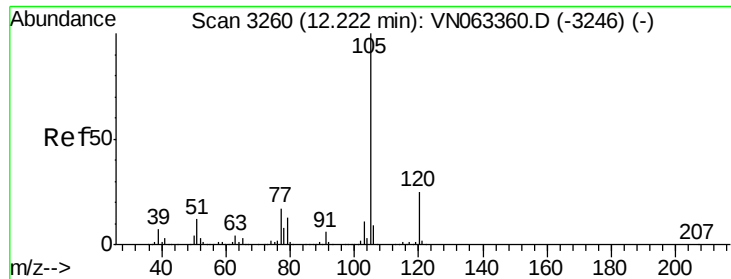
Delta R.T. -0.00 min

Lab File: VN063530.D

Acq: 22 Sep 2020 14:09

Tgt Ion:	152	Resp:	193193
Ion Ratio	Lower	Upper	
152	100		
115	65.1	32.2	96.6
150	166.3	0.0	343.4





#73

Isopropylbenzene

Concen: 18.878 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN063530.D

Acq: 22 Sep 2020 14:09

Instrument :

MSVOA_N

ClientSampleId :

VN0922WBSD01

Tot Ion: 105 Resp: 292264

Ion Ratio Lower Upper

105 100

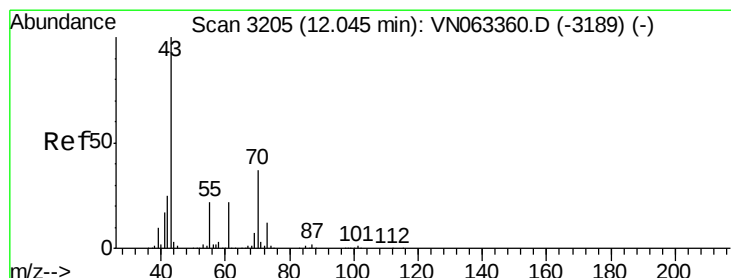
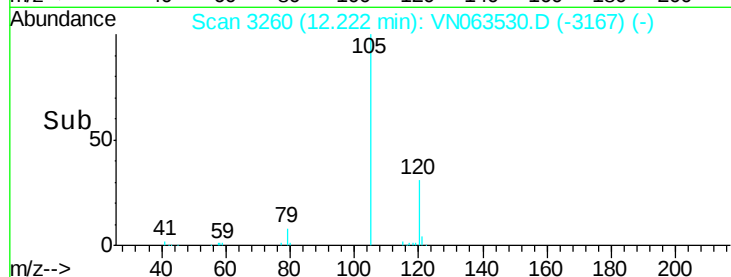
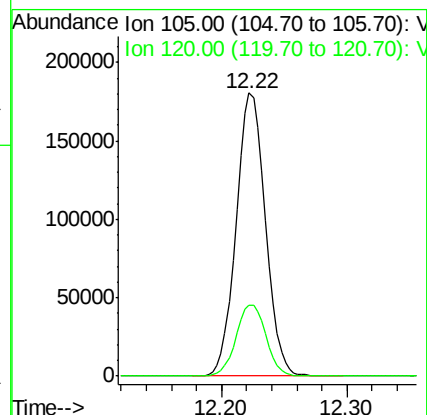
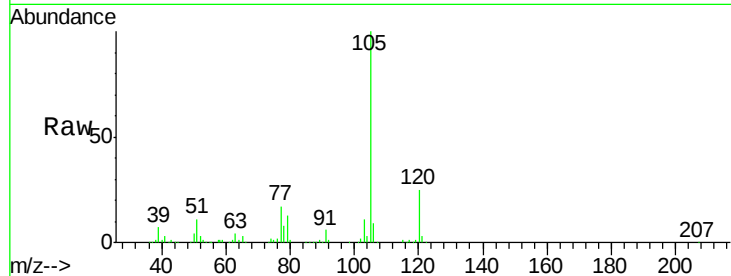
120 25.6 12.7 38.0

Manual Integrations

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MMDadoda

9/23/2020 1:05:44 PM



#74

N-ethyl acetate

Concen: 17.156 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. -0.00 min

Lab File: VN063530.D

Acq: 22 Sep 2020 14:09

Tgt Ion: 43 Resp: 125730

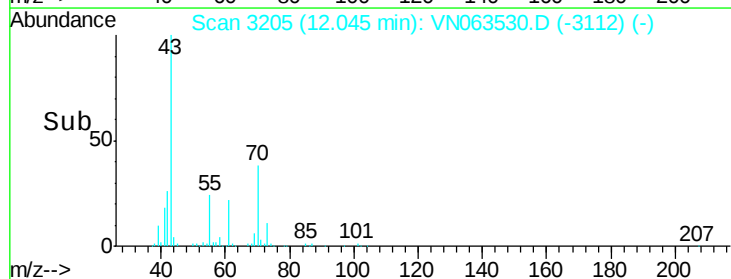
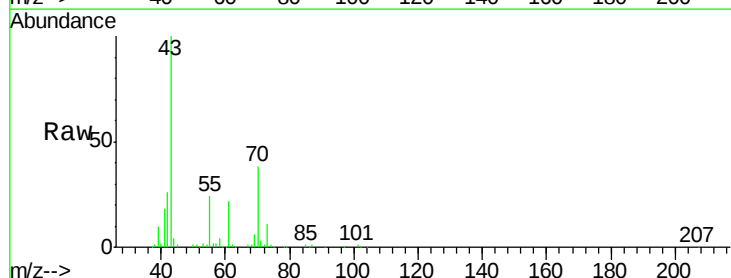
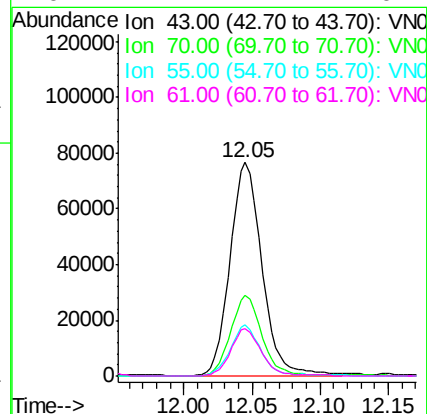
Ion Ratio Lower Upper

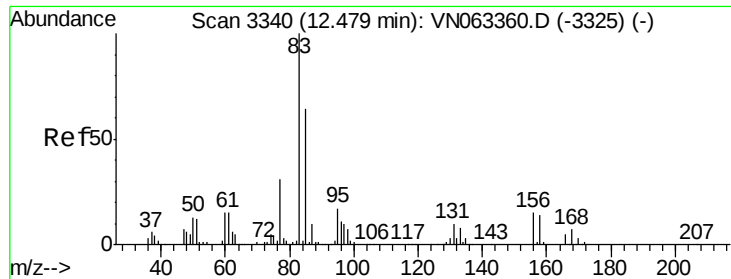
43 100

70 37.0 29.6 44.4

55 22.4 17.7 26.5

61 21.4 17.4 26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 18.643 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. -0.00 min

Lab File: VN063530.D

Acq: 22 Sep 2020 14:09

Instrument :

MSVOA_N

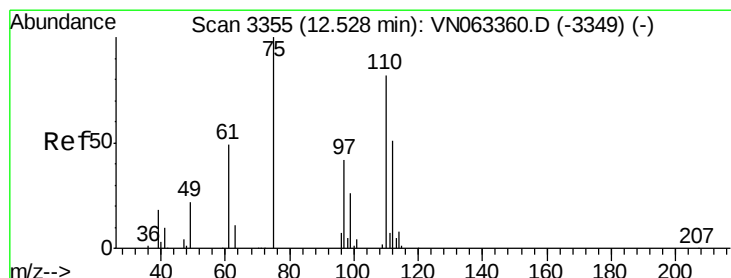
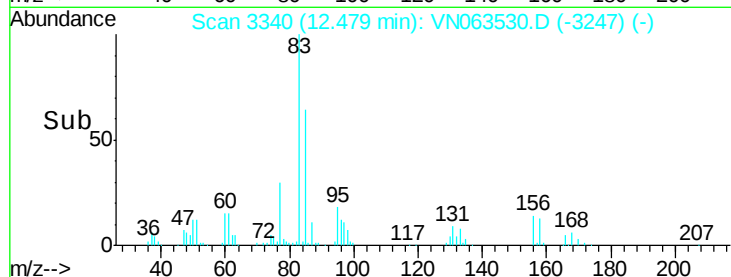
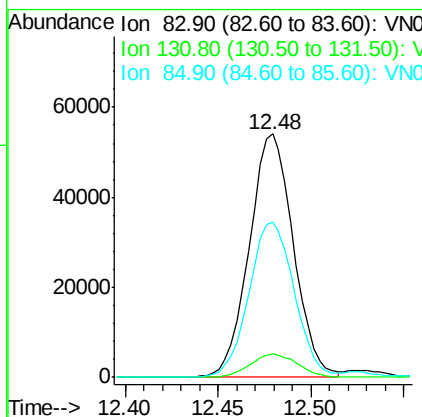
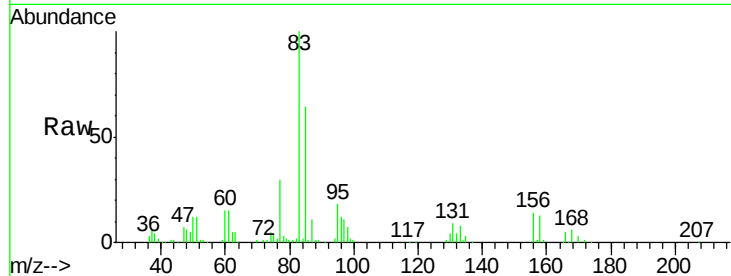
ClientSampleId :

VN0922WBSD01

Tot Ion:	83	Resp:	89367
Ion Ratio	Lower	Upper	
83	100		
131	10.2	4.9	14.7
85	65.5	32.0	96.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 16.924 ug/l m

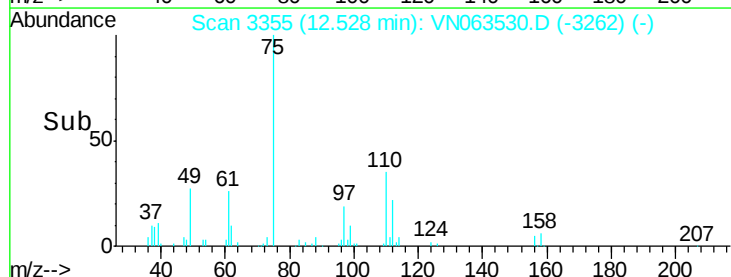
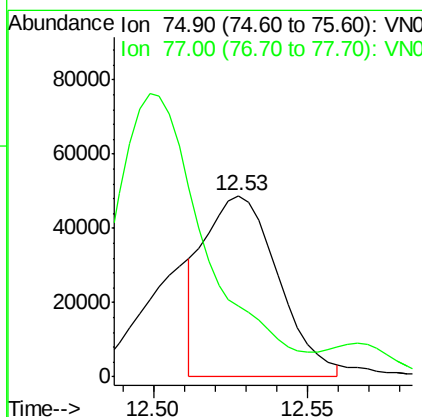
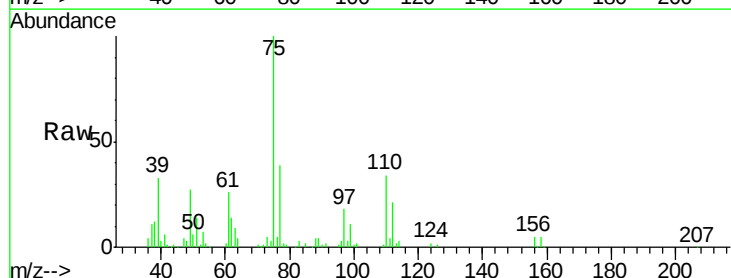
RT: 12.53 min Scan# 3355

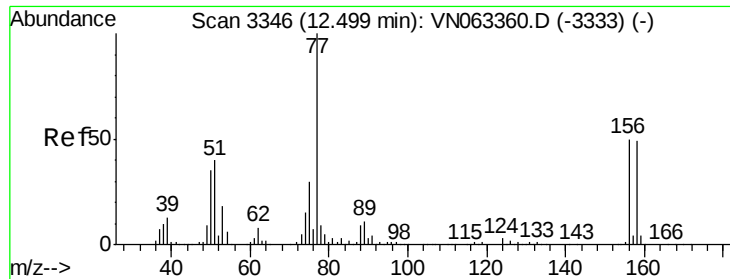
Delta R.T. -0.00 min

Lab File: VN063530.D

Acq: 22 Sep 2020 14:09

Tgt Ion:	75	Resp:	80929
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.126 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN063530.D

Acq: 22 Sep 2020 14:09

Instrument :

MSVOA_N

ClientSampleId :

VN0922WBSD01

Tot Ion:156 Resp: 70087

Ion Ratio Lower Upper

156 100

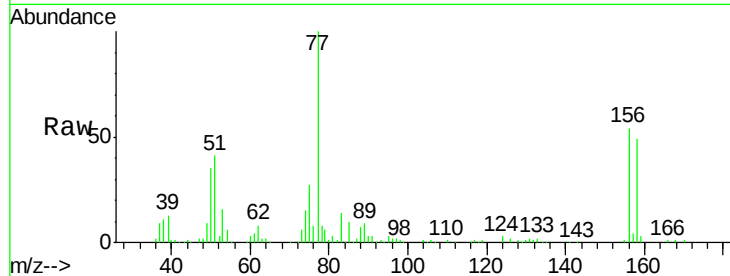
77 228.1 120.2 360.6

158 95.2 48.9 146.6

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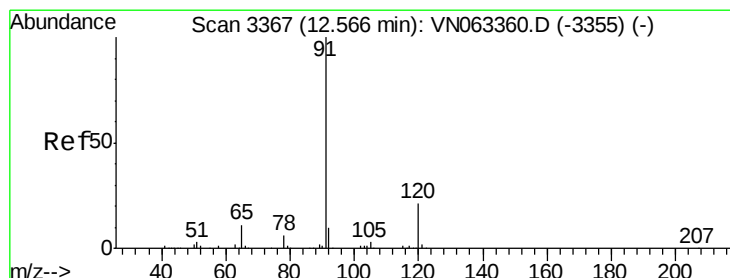
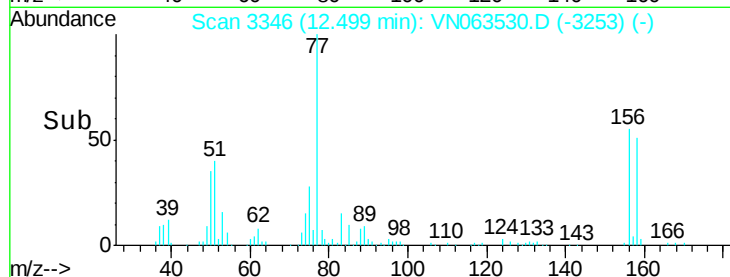
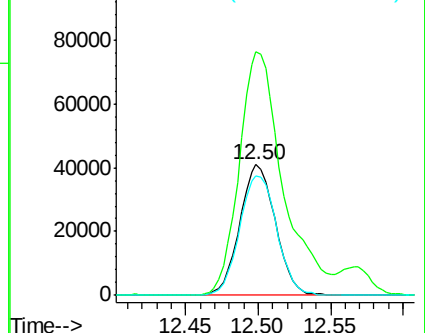
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.999 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063530.D

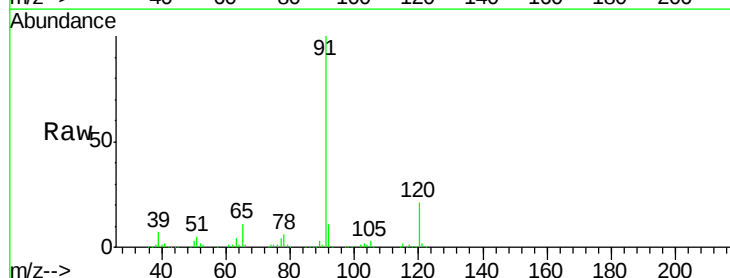
Acq: 22 Sep 2020 14:09

Tgt Ion: 91 Resp: 342578

Ion Ratio Lower Upper

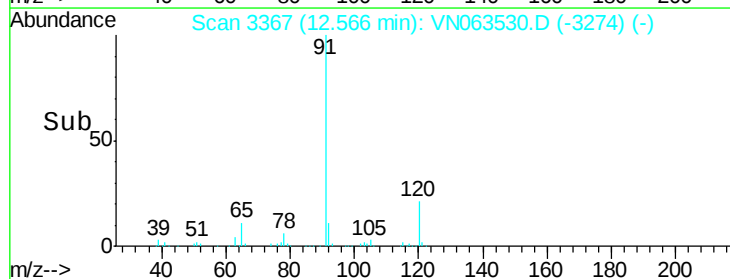
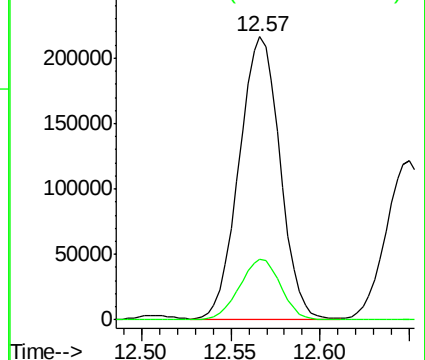
91 100

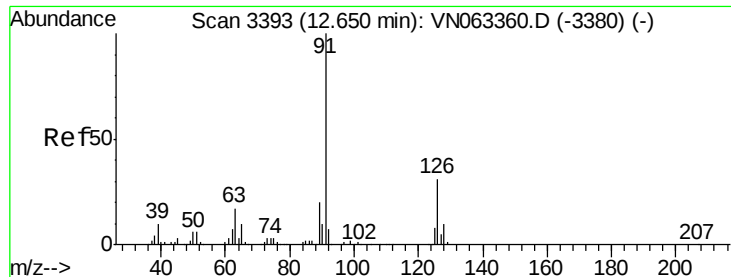
120 21.7 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.747 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. -0.00 min

Lab File: VN063530.D

Acq: 22 Sep 2020 14:09

Instrument :

MSVOA_N

ClientSampleId :

VN0922WBSD01

Tot Ion: 91 Resp: 202636

Ion Ratio Lower Upper

91 100

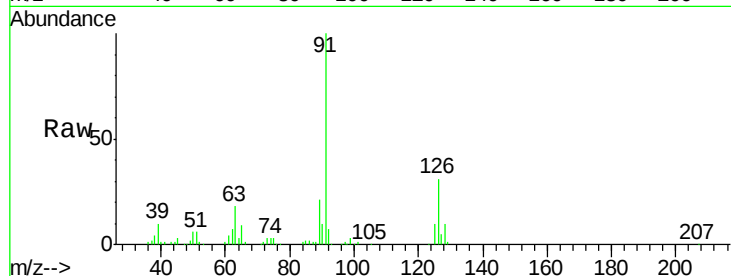
126 32.1 15.8 47.3

Manual Integrations

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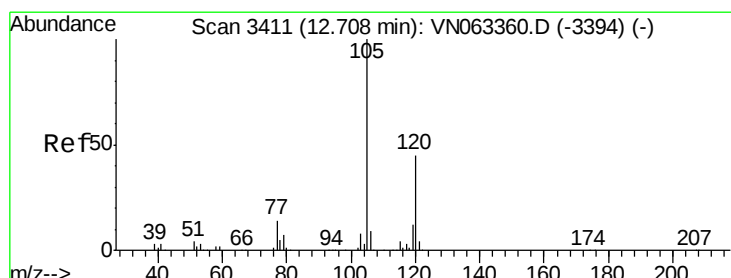
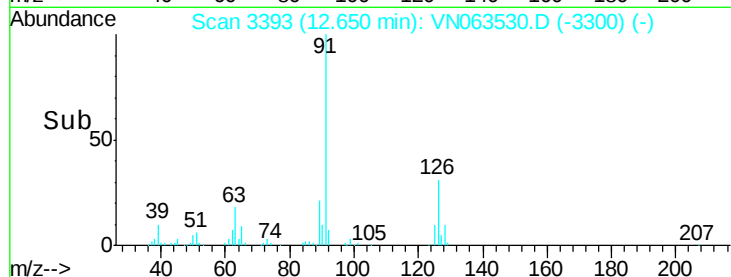
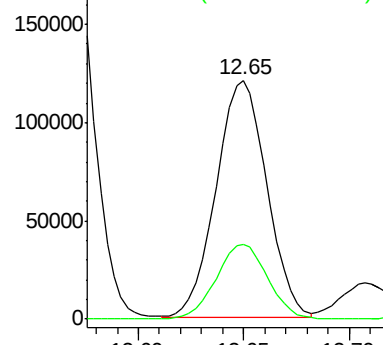
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Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 19.062 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN063530.D

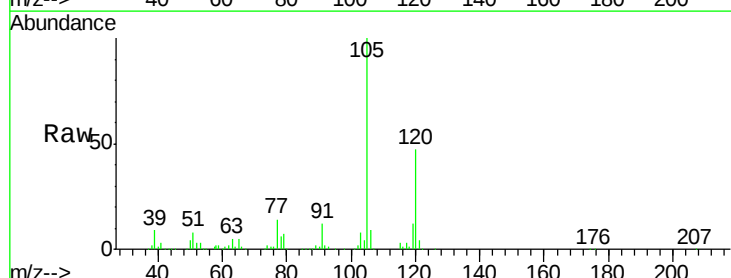
Acq: 22 Sep 2020 14:09

Tgt Ion:105 Resp: 246080

Ion Ratio Lower Upper

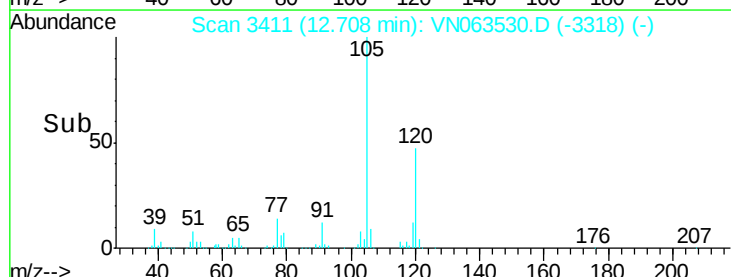
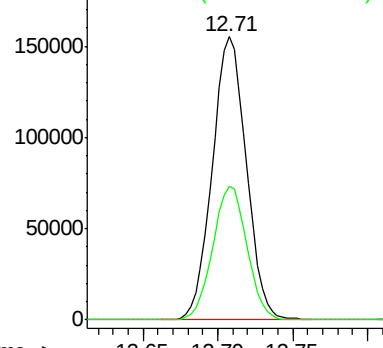
105 100

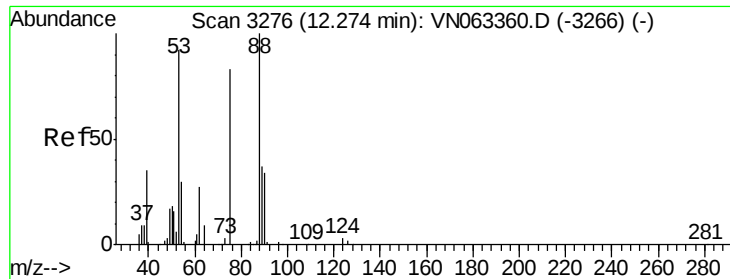
120 47.4 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 16.887 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN063530.D

Acq: 22 Sep 2020 14:09

Instrument :

MSVOA_N

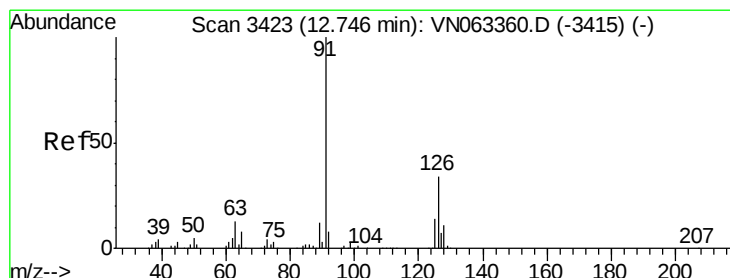
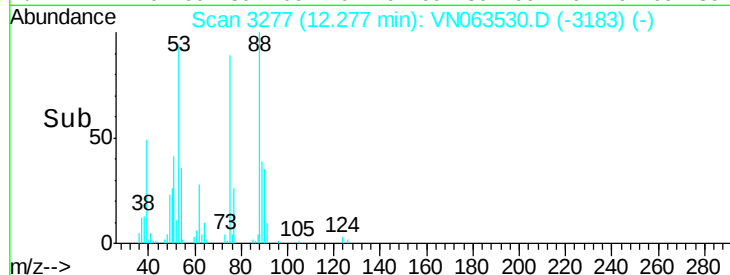
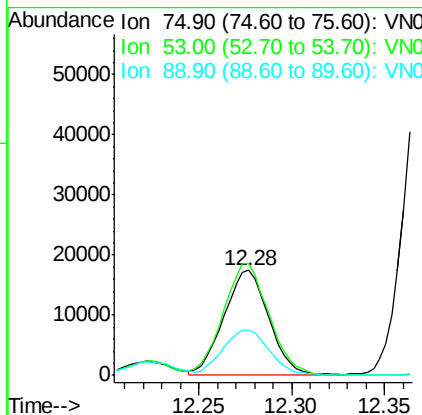
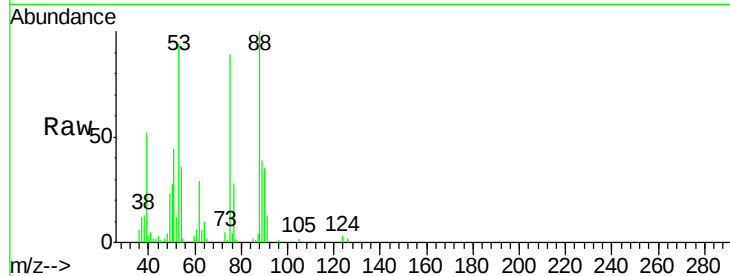
ClientSampleId :

VN0922WBSD01

Tot Ion:	75	Resp:	29454
Ion	Ratio	Lower	Upper
75	100		
53	108.6	85.7	128.5
89	44.9	38.0	57.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 19.232 ug/l

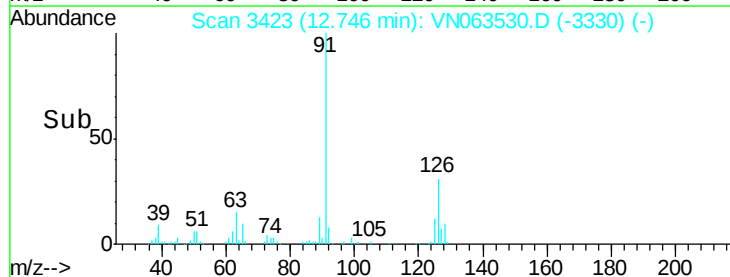
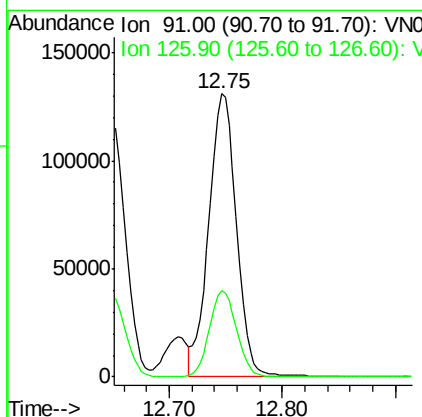
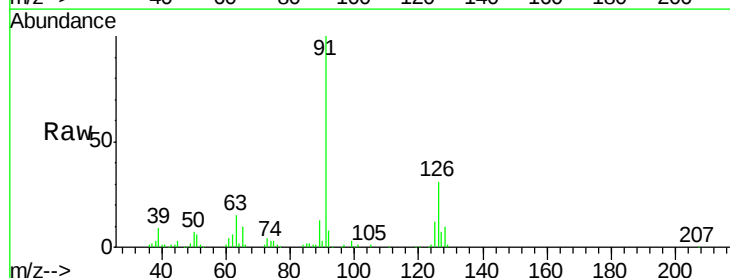
RT: 12.75 min Scan# 3423

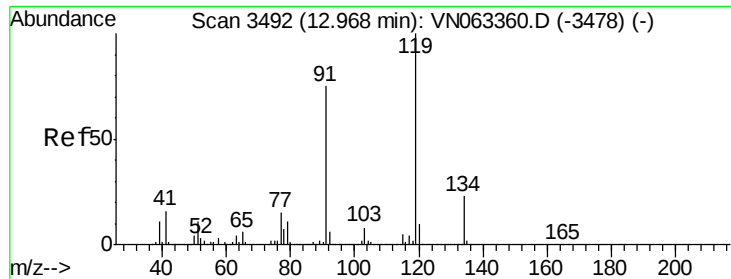
Delta R.T. -0.00 min

Lab File: VN063530.D

Acq: 22 Sep 2020 14:09

Tgt Ion:	91	Resp:	219638
Ion	Ratio	Lower	Upper
91	100		
126	30.3	15.5	46.5





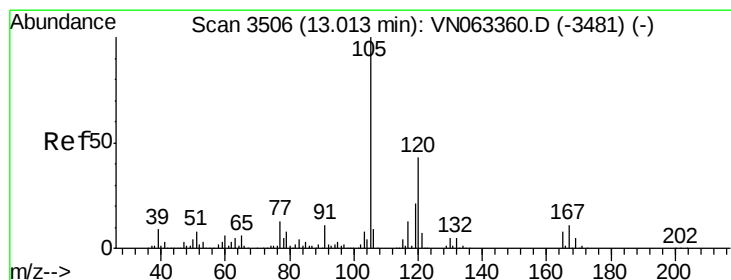
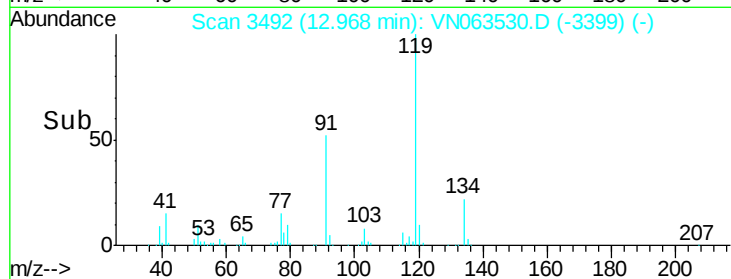
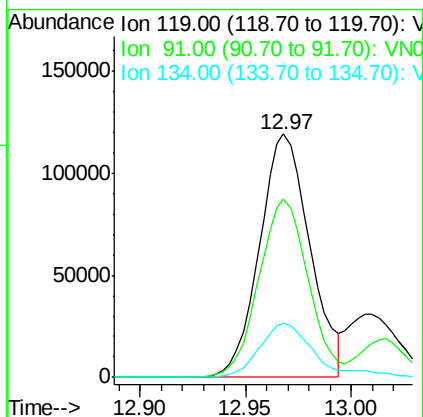
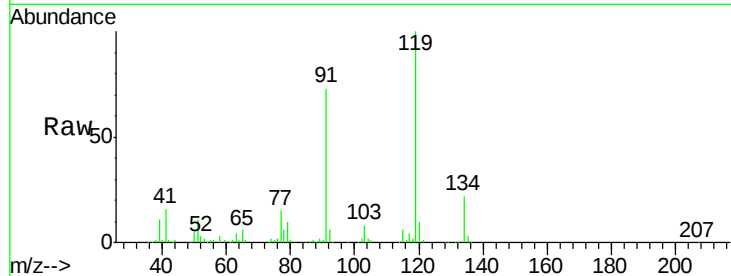
#83
tert-Butylbenzene
Concen: 18.571 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. -0.00 min
Lab File: VN063530.D
Acq: 22 Sep 2020 14:09

Instrument :
MSVOA_N
ClientSampleId :
VN0922WBSD01

Tot Ion	Ratio	Lower	Upper
119	100		
91	71.6	36.3	108.9
134	22.3	12.3	36.8

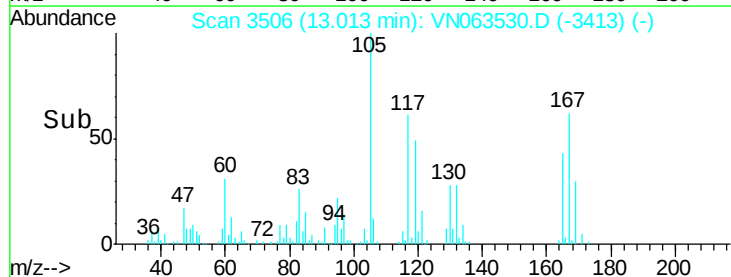
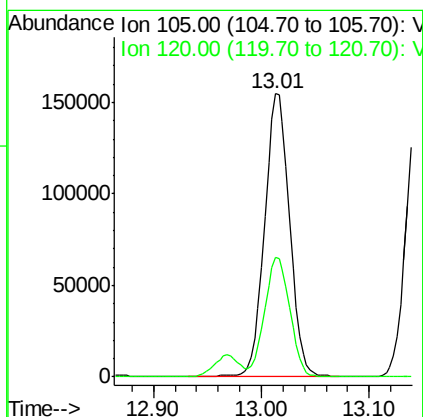
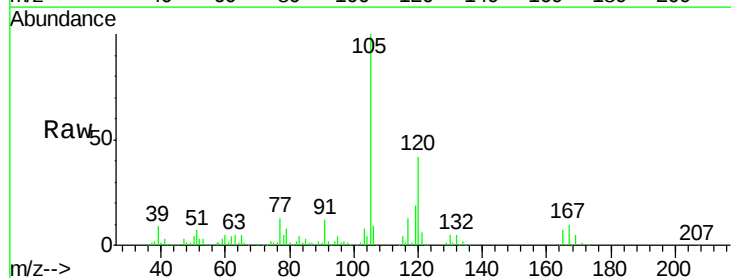
Manual Integrations
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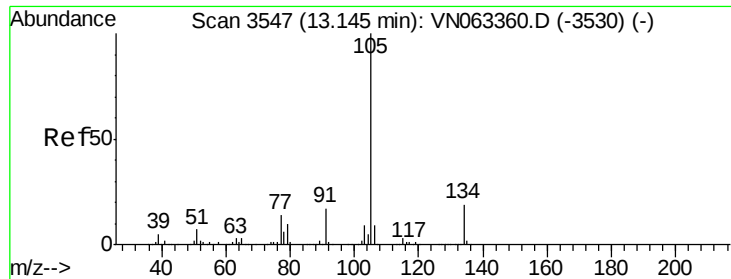
MMDadoda
9/23/2020 1:05:44 PM



#84
1,2,4-Trimethylbenzene
Concen: 19.098 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. -0.00 min
Lab File: VN063530.D
Acq: 22 Sep 2020 14:09

Tgt Ion	Ratio	Lower	Upper
105	100		
120	42.3	21.3	63.9





#85

sec-Butylbenzene

Concen: 18.606 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN063530.D

Acq: 22 Sep 2020 14:09

Instrument :

MSVOA_N

ClientSampleId :

VN0922WBSD01

Tot Ion:105 Resp: 265365

Ion Ratio Lower Upper

105 100

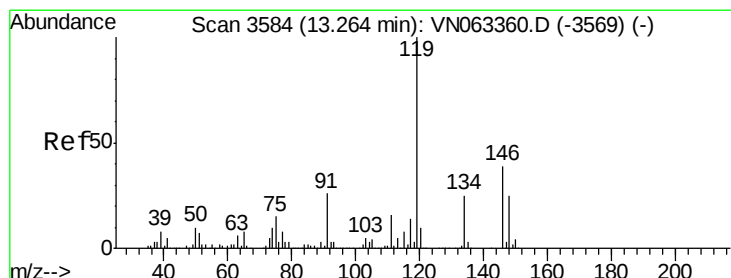
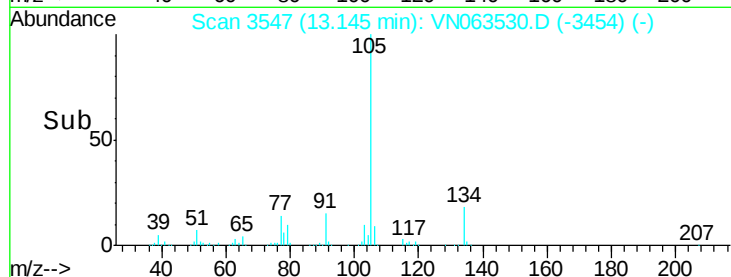
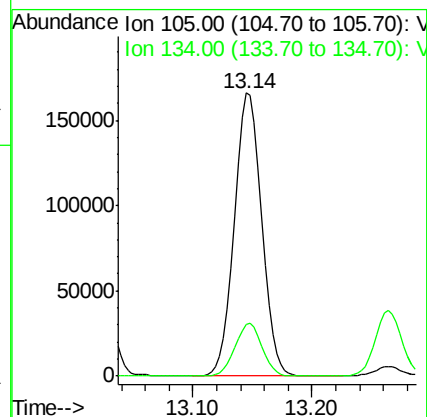
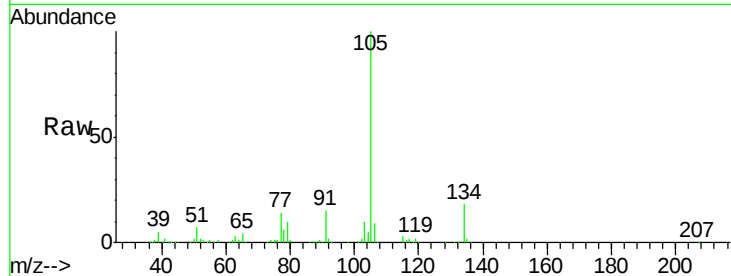
134 18.5 9.3 27.7

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 18.317 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. -0.00 min

Lab File: VN063530.D

Acq: 22 Sep 2020 14:09

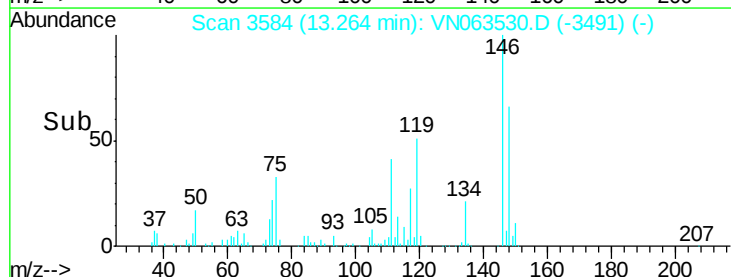
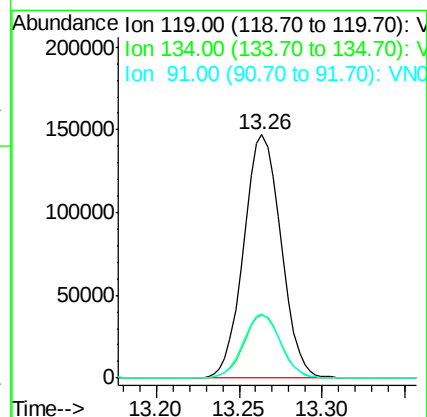
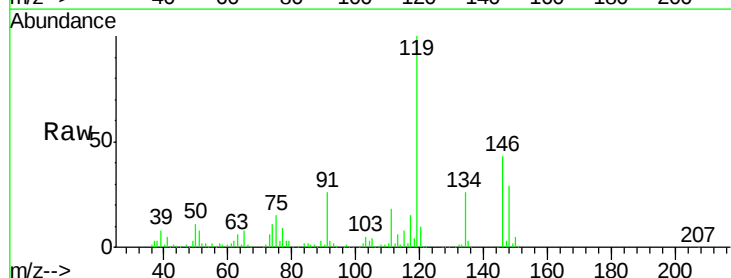
Tgt Ion:119 Resp: 230412

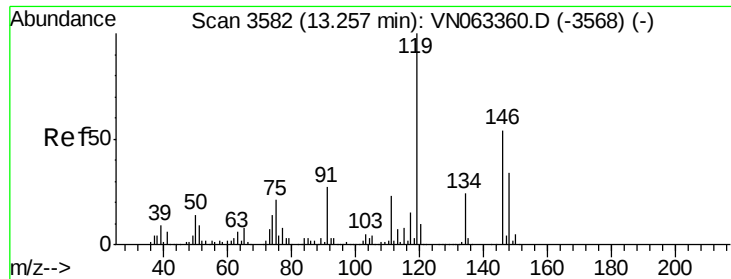
Ion Ratio Lower Upper

119 100

134 25.9 12.5 37.5

91 26.6 13.4 40.1





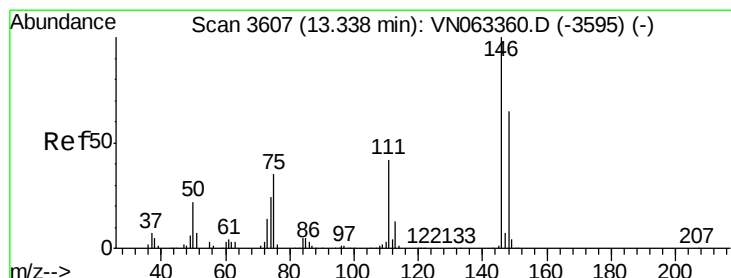
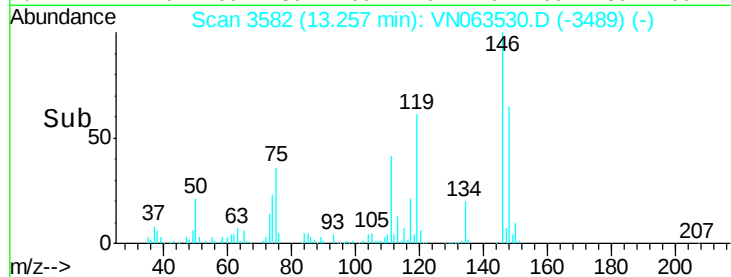
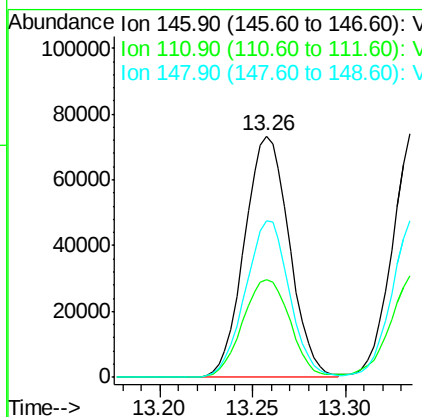
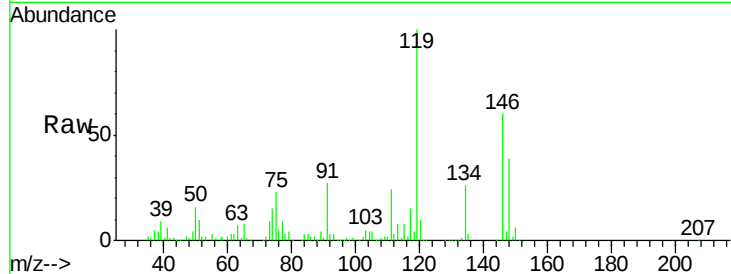
#87
 1,3-Dichlorobenzene
 Concen: 19.078 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN063530.D
 Acq: 22 Sep 2020 14:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0922WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	123140		
111	42.6	21.4	64.3	
148	63.8	31.9	95.7	

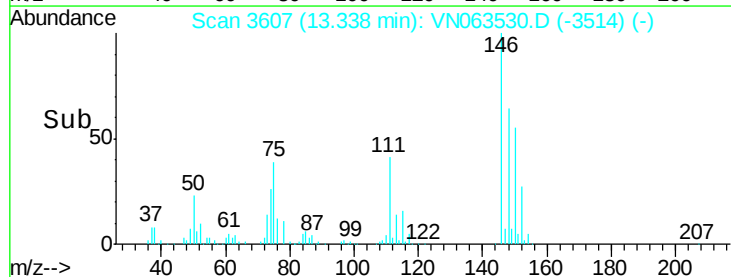
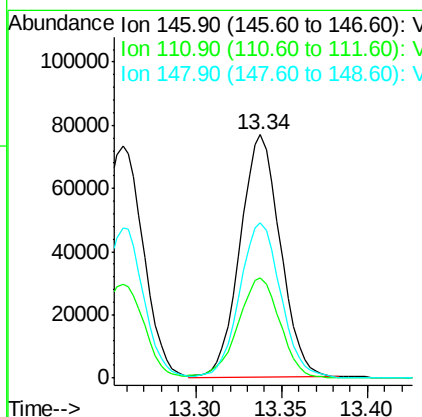
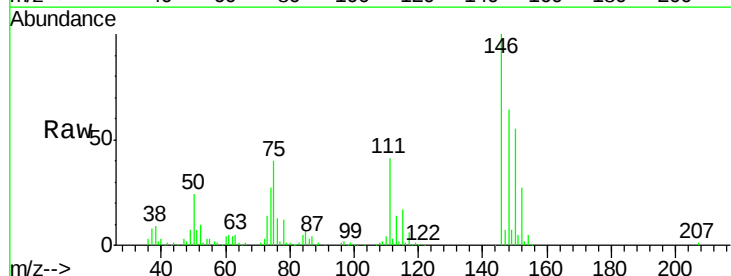
Manual Integrations
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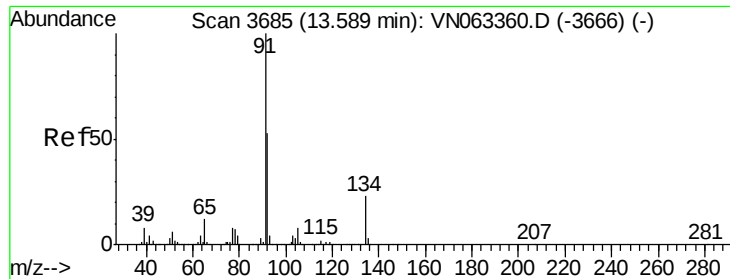
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 9/23/2020 1:05:44 PM



#88
 1,4-Dichlorobenzene
 Concen: 18.975 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. -0.00 min
 Lab File: VN063530.D
 Acq: 22 Sep 2020 14:09

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	124524		
111	42.9	21.2	63.6	
148	65.5	31.9	95.9	





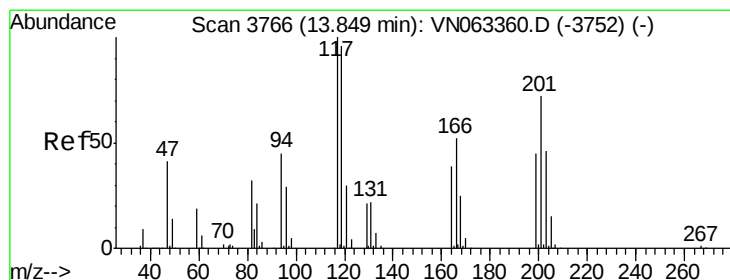
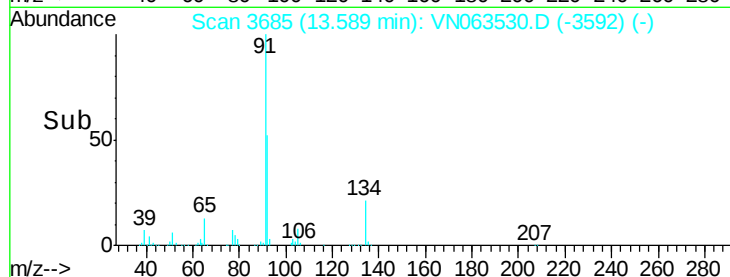
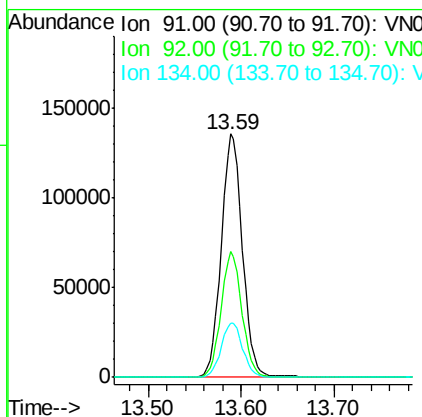
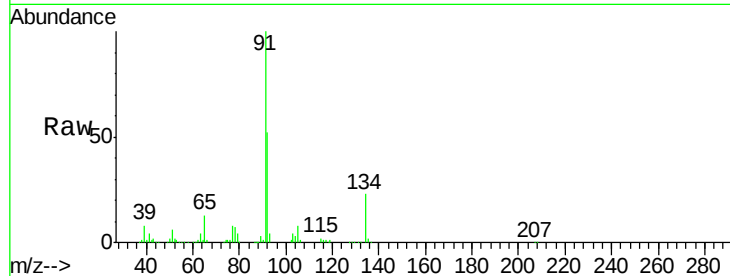
#89
n-Butylbenzene
Concen: 18.512 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN063530.D
Acq: 22 Sep 2020 14:09

Instrument :
MSVOA_N
ClientSampleId :
VN0922WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	50.7	26.0	78.0
134	22.8	11.7	35.0

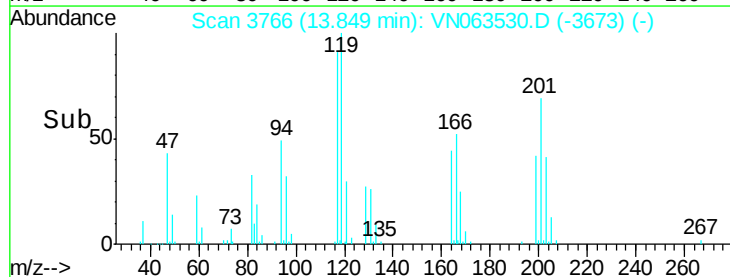
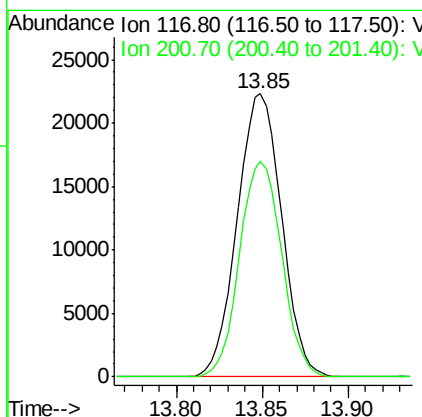
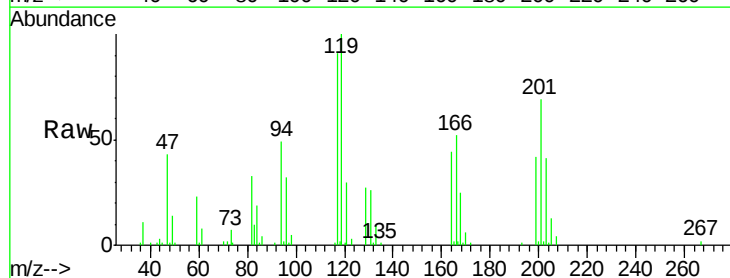
Manual Integrations
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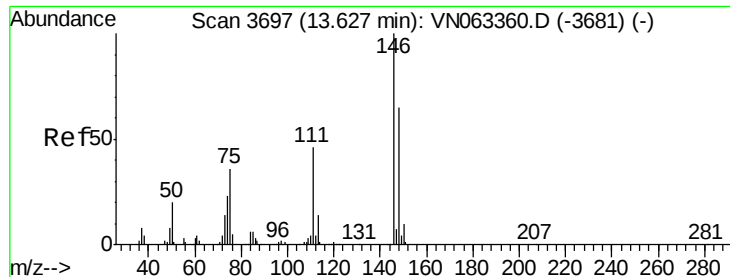
MMDadoda
9/23/2020 1:05:44 PM



#90
Hexachloroethane
Concen: 16.727 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. -0.00 min
Lab File: VN063530.D
Acq: 22 Sep 2020 14:09

Tgt Ion	Ratio	Lower	Upper
117	100		
201	72.2	35.5	106.7





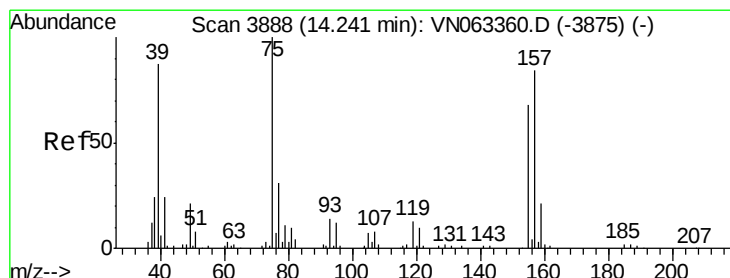
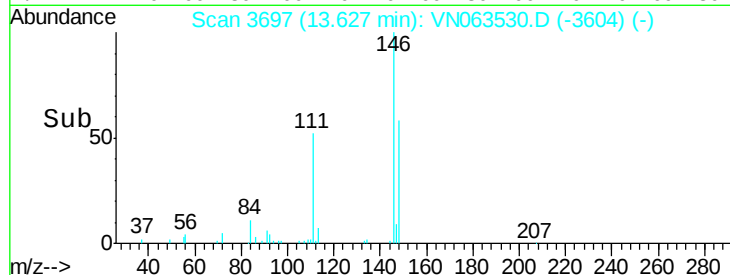
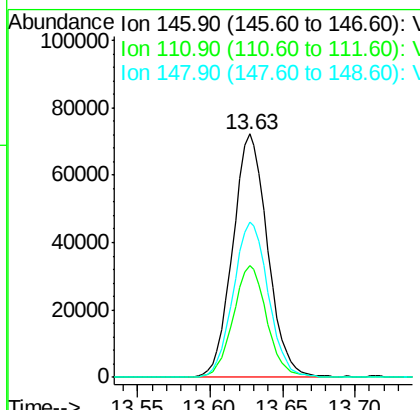
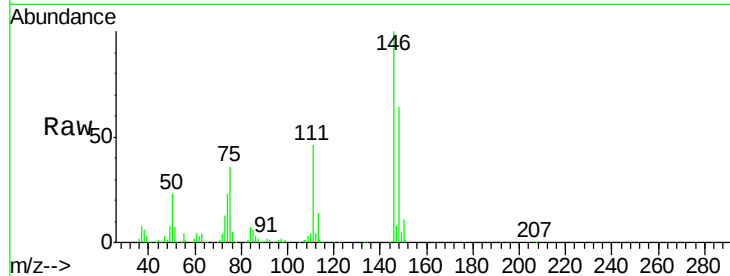
#91
 1,2-Dichlorobenzene
 Concen: 19.020 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. -0.00 min
 Lab File: VN063530.D
 Acq: 22 Sep 2020 14:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0922WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.3	22.4	67.2
148	64.4	32.0	96.0

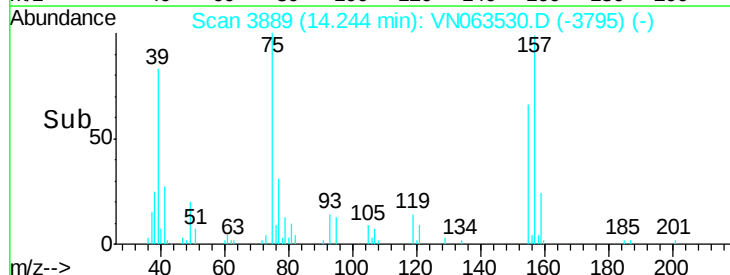
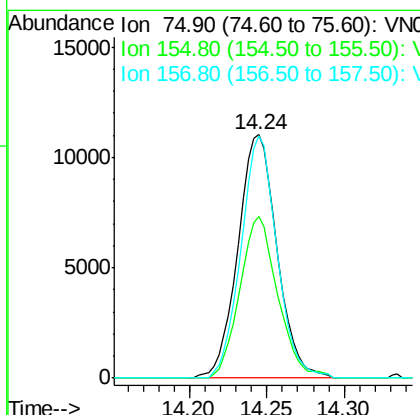
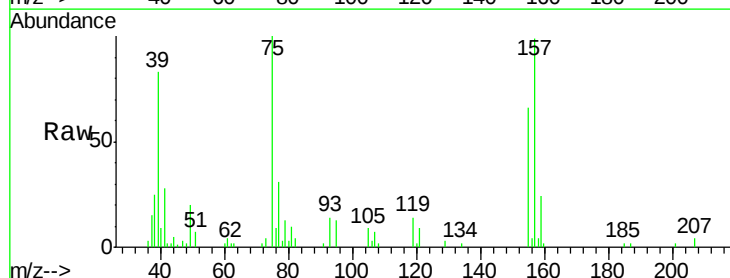
Manual Integrations
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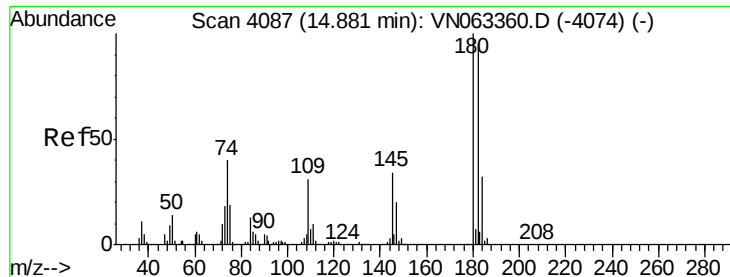
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.967 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN063530.D
 Acq: 22 Sep 2020 14:09

Tgt Ion	Ratio	Lower	Upper
75	100		
155	64.2	34.6	103.9
157	91.7	43.7	131.1





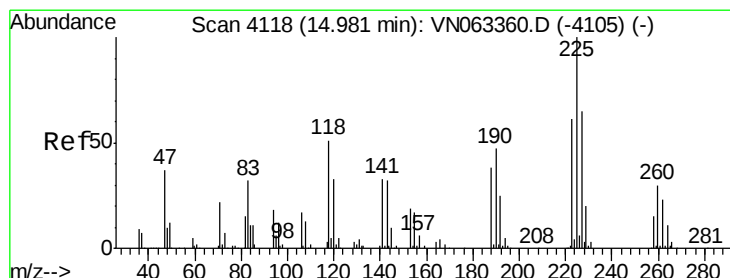
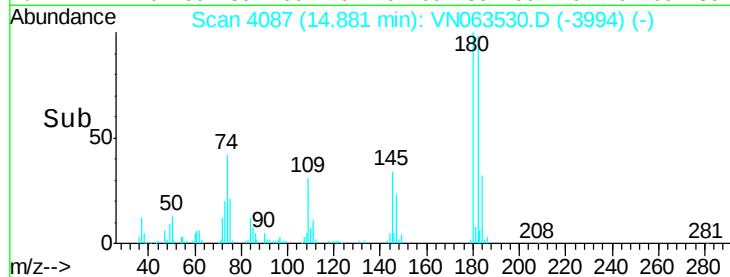
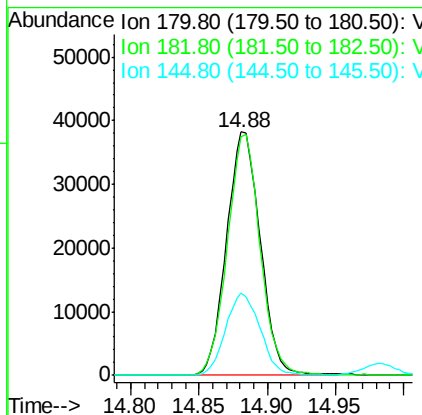
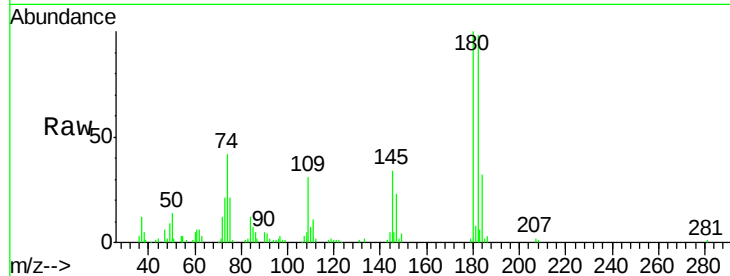
#93
 1,2,4-Trichlorobenzene
 Concen: 17.609 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. -0.00 min
 Lab File: VN063530.D
 Acq: 22 Sep 2020 14:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0922WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	65784		
182	96.1	47.3	142.0	
145	34.3	16.6	49.7	

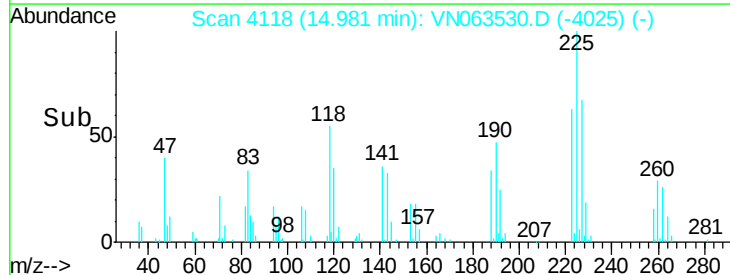
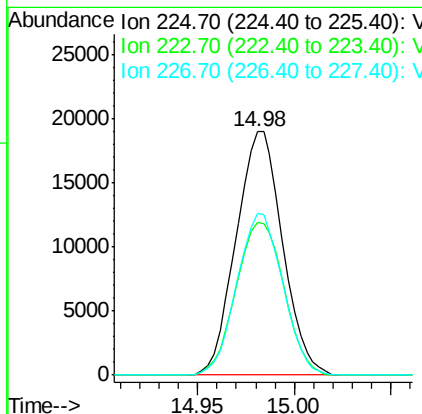
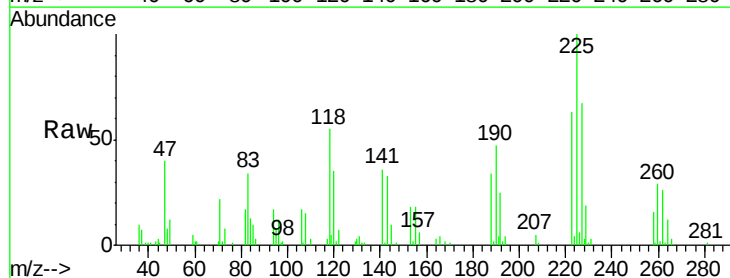
Manual Integrations
 APPROVED

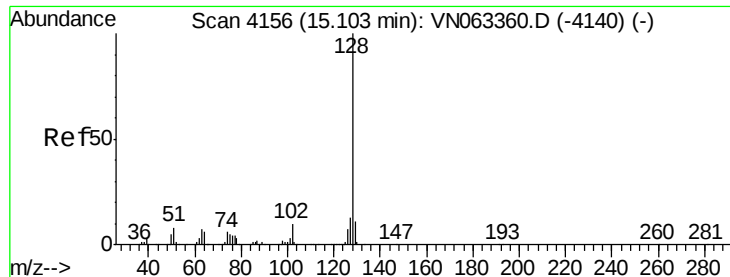
MMDadoda
 9/23/2020 1:05:44 PM



#94
 Hexachlorobutadiene
 Concen: 20.493 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN063530.D
 Acq: 22 Sep 2020 14:09

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	31694		
223	64.7	30.6	91.6	
227	65.5	31.2	93.6	





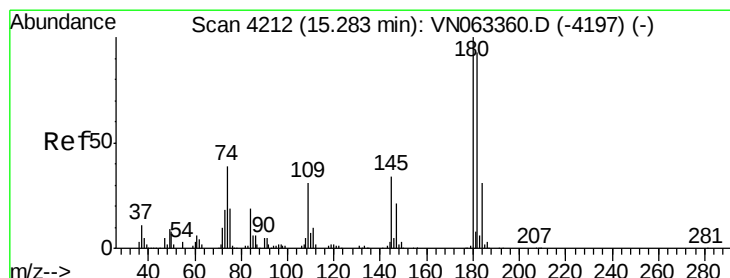
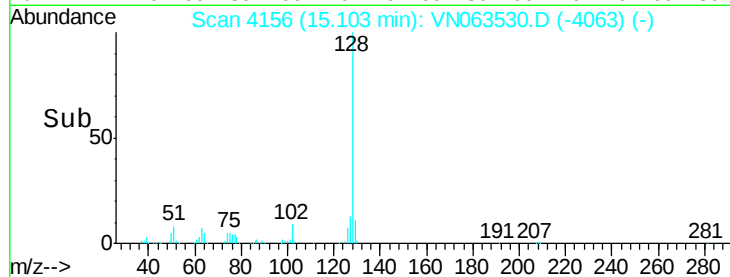
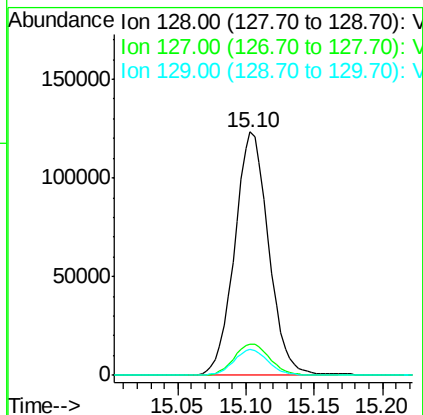
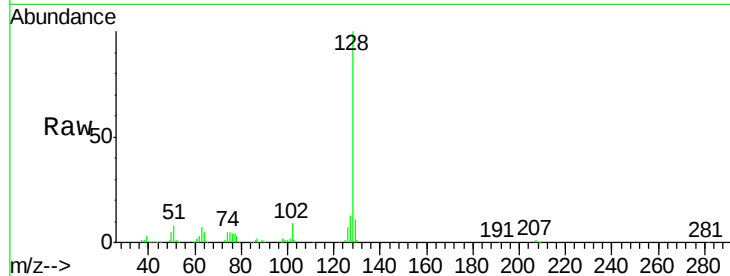
#95
Naphthalene
Concen: 17.287 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. -0.00 min
Lab File: VN063530.D
Acq: 22 Sep 2020 14:09

Instrument :
MSVOA_N
ClientSampleId :
VN0922WBSD01

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

Manual Integrations
APPROVED

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9/23/2020 1:05:44 PM



#96
1,2,3-Trichlorobenzene
Concen: 17.554 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. -0.00 min
Lab File: VN063530.D
Acq: 22 Sep 2020 14:09

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.4	46.7	140.1
145	35.7	16.8	50.3

