

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092320\
 Data File : VN063583.D
 Acq On : 23 Sep 2020 12:55
 Operator : JC/MD
 Sample : VN0923WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0923WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/24/2020 1:37:47 PM

Quant Time: Sep 24 02:50:53 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	249938	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	427138	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	389821	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	183357	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	205299	48.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.50%	
35) Dibromofluoromethane	7.55	113	144452	48.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.70%	
50) Toluene-d8	10.06	98	543804	48.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.82%	
62) 4-Bromofluorobenzene	12.38	95	201409	49.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	48813	17.239	ug/l	98
3) Chloromethane	2.04	50	61557	16.433	ug/l	99
4) Vinyl Chloride	2.17	62	60967	18.370	ug/l	99
5) Bromomethane	2.54	94	39774	20.185	ug/l	92
6) Chloroethane	2.68	64	37506	18.411	ug/l	96
7) Trichlorofluoromethane	2.99	101	98476	19.888	ug/l	94
8) Diethyl Ether	3.38	74	34351	17.796	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	54086	19.423	ug/l	99
10) Methyl Iodide	3.91	142	61867	17.065	ug/l	98
11) Tert butyl alcohol	4.72	59	45657	77.462	ug/l #	93
12) 1,1-Dichloroethene	3.70	96	50111	17.767	ug/l	98
13) Acrolein	3.56	56	15130	69.268	ug/l	95
14) Allyl chloride	4.28	41	93899	16.831	ug/l	96
15) Acrylonitrile	4.93	53	130819	87.255	ug/l	99
16) Acetone	3.77	43	120973	88.472	ug/l	93
17) Carbon Disulfide	4.01	76	131374	16.013	ug/l	99
18) Methyl Acetate	4.28	43	64811	18.671	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	181854	17.299	ug/l	99
20) Methylene Chloride	4.50	84	63749	18.401	ug/l	93
21) trans-1,2-Dichloroethene	4.99	96	54523	17.448	ug/l	94
22) Diisopropyl ether	5.90	45	199499	17.533	ug/l	96
23) Vinyl Acetate	5.84	43	804941	86.139	ug/l	100
24) 1,1-Dichloroethane	5.80	63	111558	17.958	ug/l	98
25) 2-Butanone	6.78	43	184867	87.908	ug/l	98
26) 2,2-Dichloropropane	6.78	77	95453	17.452	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	64635	18.274	ug/l	99
28) Bromochloromethane	7.15	49	52263	18.221	ug/l	98
29) Tetrahydrofuran	7.16	42	122710	85.436	ug/l	98
30) Chloroform	7.33	83	116670	18.720	ug/l	92
31) Cyclohexane	7.61	56	95628	16.274	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	98473	17.764	ug/l	99
36) 1,1-Dichloropropene	7.75	75	82858	18.208	ug/l	99
37) Ethyl Acetate	6.88	43	81003	18.137	ug/l	98
38) Carbon Tetrachloride	7.74	117	85235	18.349	ug/l	98

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 Acq On : 23 Sep 2020 12:55
 Operator : JC/MD
 Sample : VN0923WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0923WBS01

Manual Integrations
 APPROVED

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Quant Time: Sep 24 02:50:53 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)
39) Methylcyclohexane	9.05	83	81886	16.580	ug/l	95
40) Benzene	8.00	78	239703	18.453	ug/l	99
41) Methacrylonitrile	7.14	41	41264m	20.542	ug/l	
42) 1,2-Dichloroethane	8.08	62	98268	18.811	ug/l	99
43) Isopropyl Acetate	8.13	43	133867	16.763	ug/l	98
44) Trichloroethene	8.80	130	59728	18.957	ug/l	99
45) 1,2-Dichloropropane	9.08	63	65843	18.610	ug/l	98
46) Dibromomethane	9.17	93	43781	18.828	ug/l	97
47) Bromodichloromethane	9.37	83	90701	18.775	ug/l	97
48) Methyl methacrylate	9.17	41	66844	17.037	ug/l	98
49) 1,4-Dioxane	9.16	88	18988	337.232	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	407627	91.175	ug/l	98
52) Toluene	10.13	92	147613	18.900	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	94289	17.483	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	102595	18.035	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	60482	19.496	ug/l	96
56) Ethyl methacrylate	10.40	69	84479	17.444	ug/l	99
57) 1,3-Dichloropropane	10.68	76	101818	18.200	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	209784	82.576	ug/l	97
59) 2-Hexanone	10.72	43	289905	89.505	ug/l	99
60) Dibromochloromethane	10.87	129	63316	18.066	ug/l	97
61) 1,2-Dibromoethane	10.98	107	59229	18.377	ug/l	98
64) Tetrachloroethene	10.60	164	53347	20.098	ug/l	95
65) Chlorobenzene	11.41	112	158118	19.108	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	57572	18.980	ug/l	99
67) Ethyl Benzene	11.49	91	285731	18.336	ug/l	99
68) m/p-Xylenes	11.59	106	209232	37.240	ug/l	100
69) o-Xylene	11.92	106	98232	18.354	ug/l	98
70) Styrene	11.94	104	168647	18.790	ug/l	99
71) Bromoform	12.10	173	40505	17.925	ug/l #	99
73) Isopropylbenzene	12.23	105	269546	18.345	ug/l	100
74) N-amyl acetate	12.05	43	114548	16.469	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	83830	18.426	ug/l	97
76) 1,2,3-Trichloropropane	12.53	75	90761m	19.999	ug/l	
77) Bromobenzene	12.50	156	64982	19.661	ug/l	95
78) n-propylbenzene	12.57	91	317174	18.534	ug/l	99
79) 2-Chlorotoluene	12.65	91	191696	18.686	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	228932	18.685	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	26329	15.905	ug/l	93
82) 4-Chlorotoluene	12.75	91	199643	18.419	ug/l	99
83) tert-Butylbenzene	12.97	119	182085	18.006	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	226020	18.263	ug/l	98
85) sec-Butylbenzene	13.15	105	242138	17.889	ug/l	100
86) p-Isopropyltoluene	13.26	119	215941	18.087	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	112968	18.441	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	113804	18.272	ug/l	97
89) n-Butylbenzene	13.59	91	196835	17.887	ug/l	98
90) Hexachloroethane	13.85	117	37176	16.353	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	114741	19.078	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	17438	16.096	ug/l	96

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Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0923WBS01

Manual Integrations
APPROVED

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9/24/2020 1:37:47 PM

Quant Time: Sep 24 02:50:53 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)
93) 1,2,4-Trichlorobenzene	14.88	180	60142	16.962	ug/l	99
94) Hexachlorobutadiene	14.98	225	31459	21.432	ug/l	99
95) Naphthalene	15.10	128	191021	16.307	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	57835	16.882	ug/l	96

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

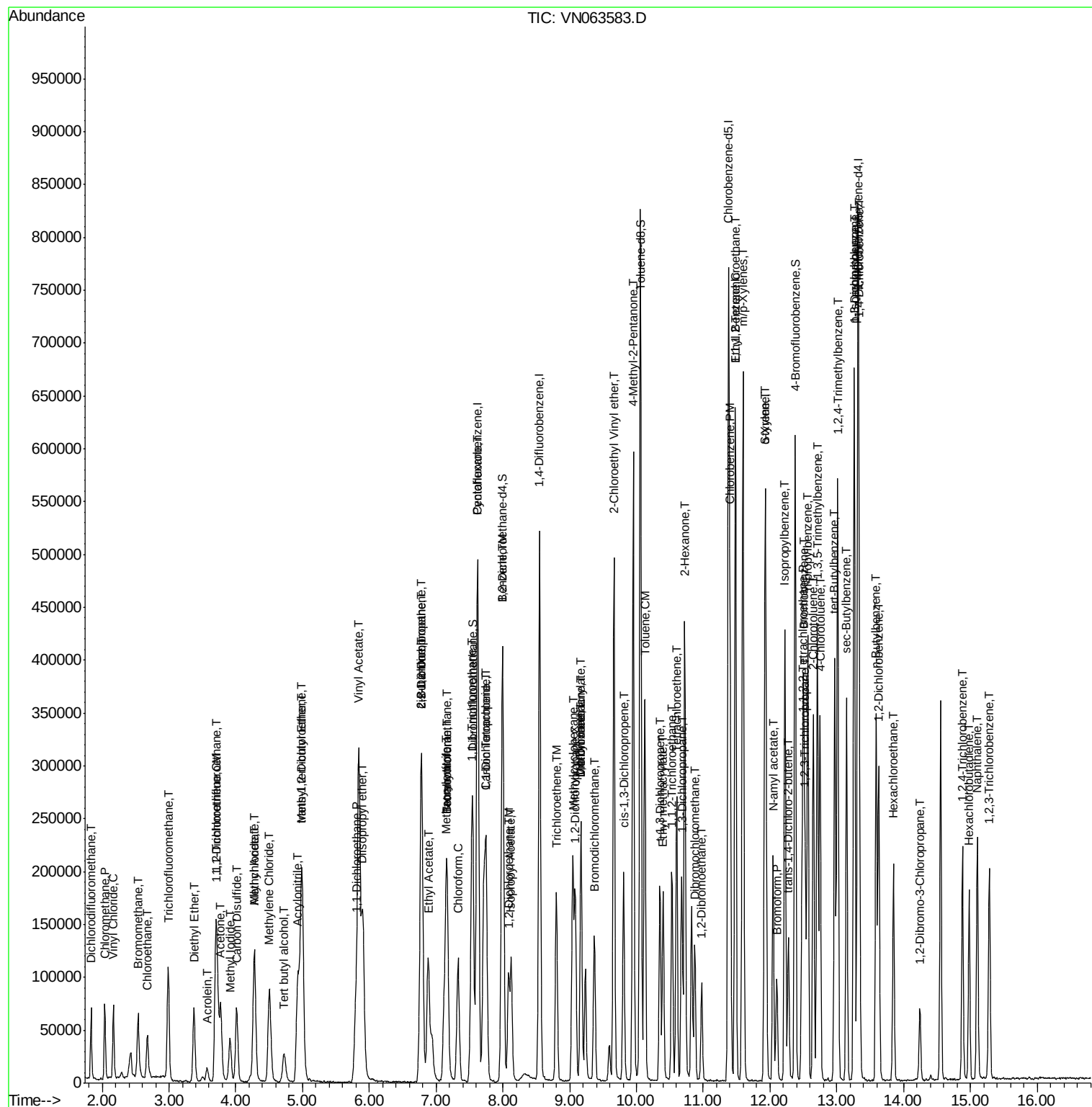
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Data File : VN063583.D
Acq On : 23 Sep 2020 12:55
Operator : JC/MD
Sample : VN0923WBS01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 5 Sample Multiplier: 1

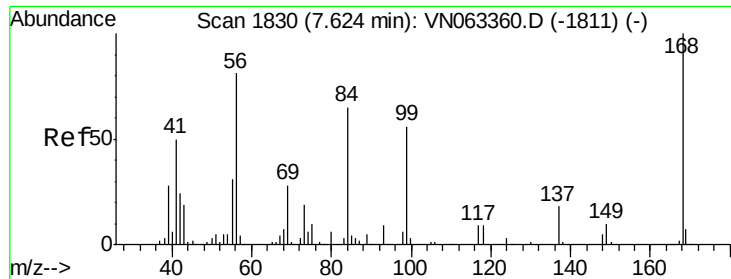
Instrument :
MSVOA_N
Client Sampled :
VN0923WBS01

Manual Integrations
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MMDadoda
9/24/2020 1:37:47 PM

Quant Time: Sep 24 02:50:53 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 16 13:05:20 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN063583.D

Acq: 23 Sep 2020 12:55

Instrument :

MSVOA_N

ClientSampleId :

VN0923WBS01

Tot Ion:168 Resp: 249938

Ion Ratio Lower Upper

168 100

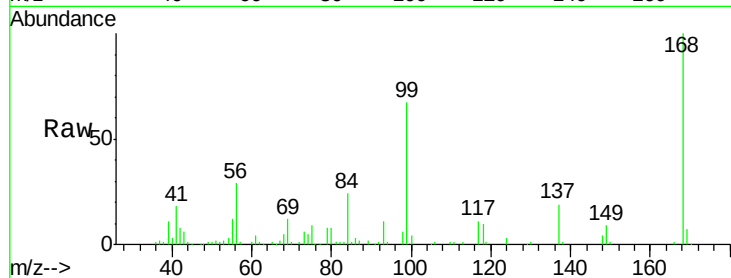
99 66.4 53.0 79.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

120000

100000

80000

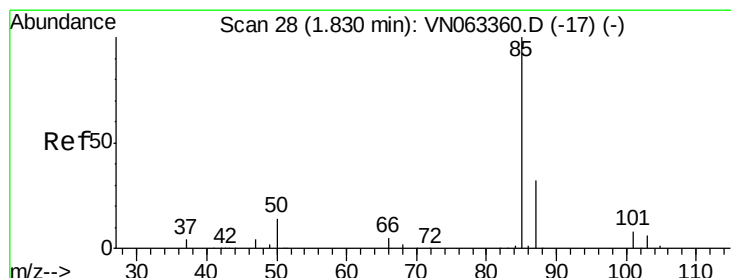
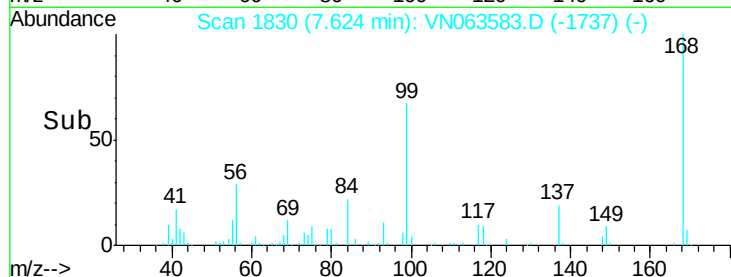
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 17.239 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063583.D

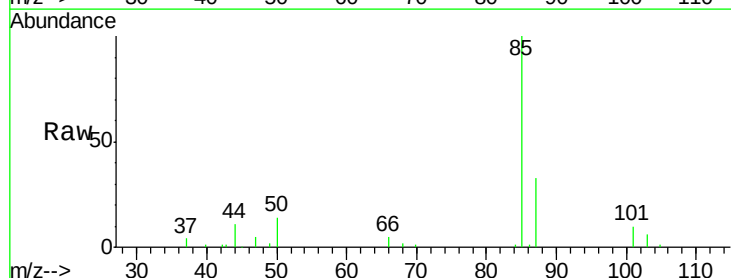
Acq: 23 Sep 2020 12:55

Tgt Ion: 85 Resp: 48813

Ion Ratio Lower Upper

85 100

87 32.7 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

40000

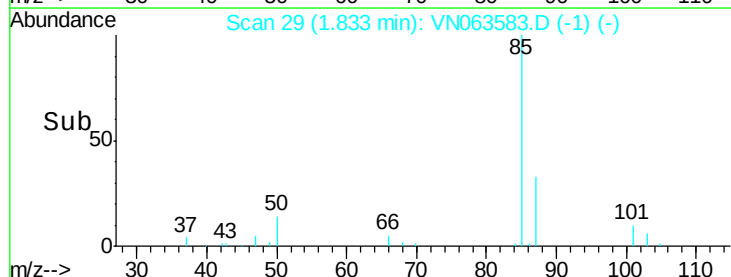
30000

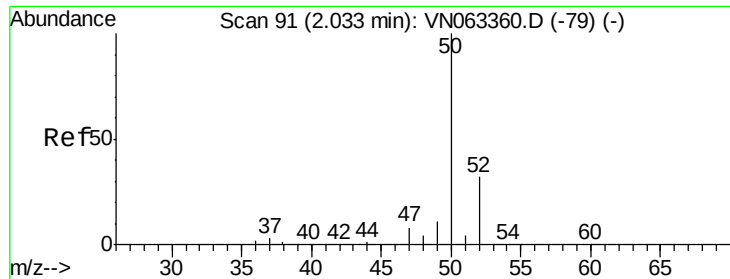
20000

10000

0

Time-->





#3

Chloromethane

Concen: 16.433 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.01 min

Lab File: VN063583.D

Acq: 23 Sep 2020 12:55

Instrument :

MSVOA_N

ClientSampleId :

VN0923WBS01

Tot Ion: 50 Resp: 61557

Ion Ratio Lower Upper

50 100

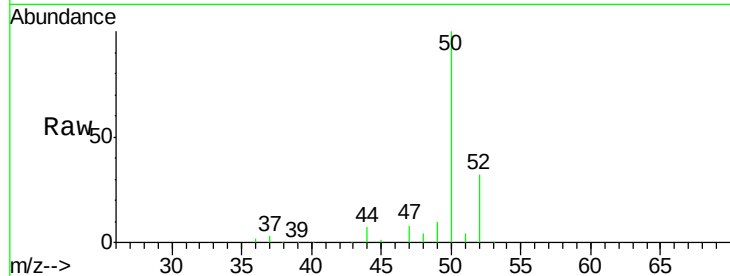
52 32.1 25.9 38.9

Manual Integrations

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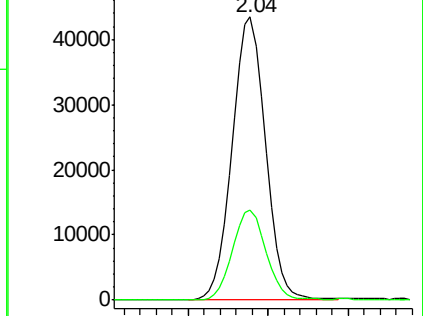
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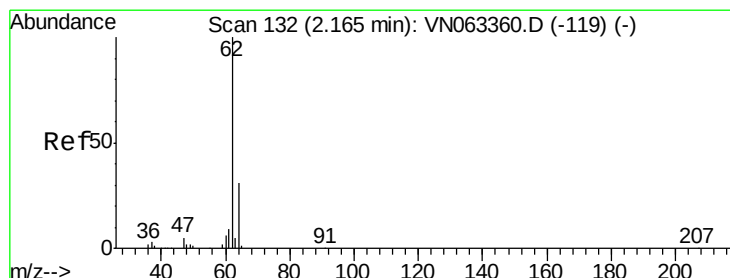
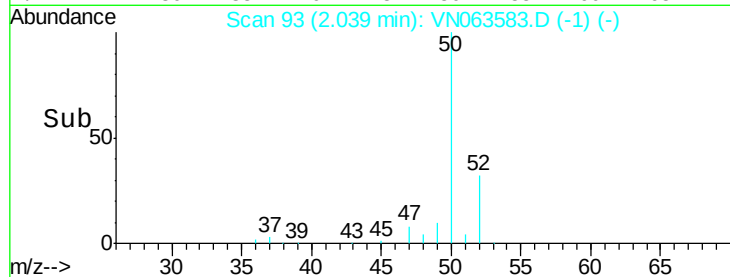


Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



Time-->



#4

Vinyl Chloride

Concen: 18.370 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.00 min

Lab File: VN063583.D

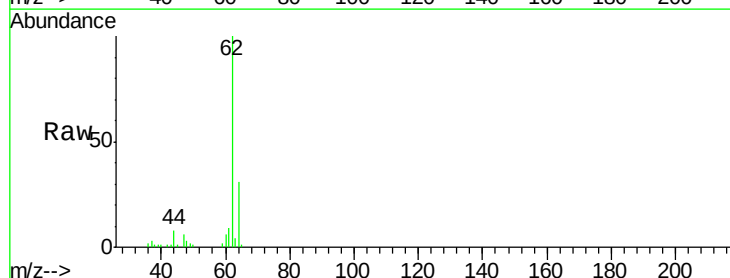
Acq: 23 Sep 2020 12:55

Tgt Ion: 62 Resp: 60967

Ion Ratio Lower Upper

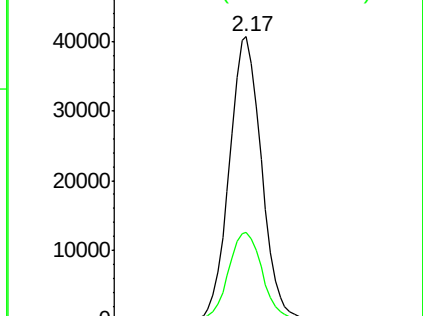
62 100

64 30.7 25.1 37.7

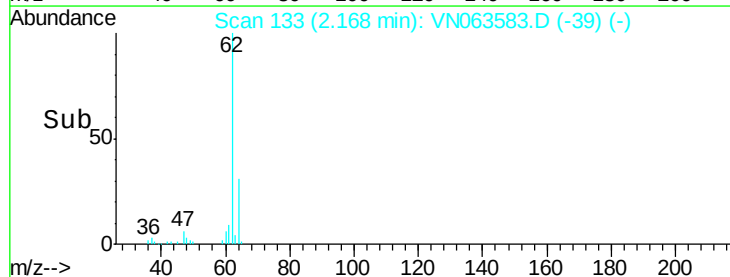


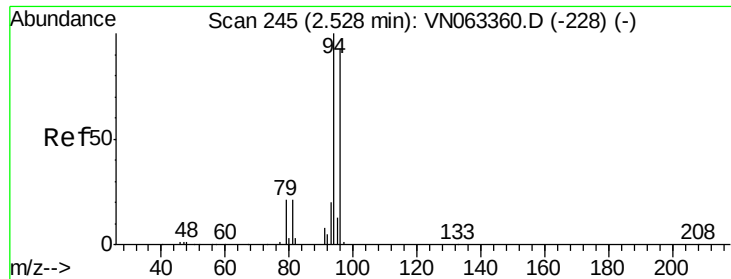
Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0



Time-->





#5

Bromomethane

Concen: 20.185 ug/l

RT: 2.54 min Scan# 248

Delta R.T. 0.01 min

Lab File: VN063583.D

Acq: 23 Sep 2020 12:55

Instrument :

MSVOA_N

ClientSampleId :

VN0923WBS01

Tot Ion: 94 Resp: 39774

Ion Ratio Lower Upper

94 100

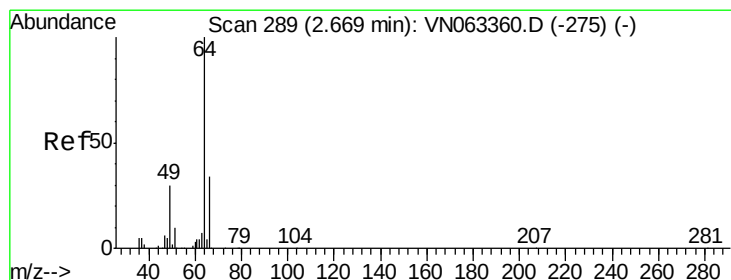
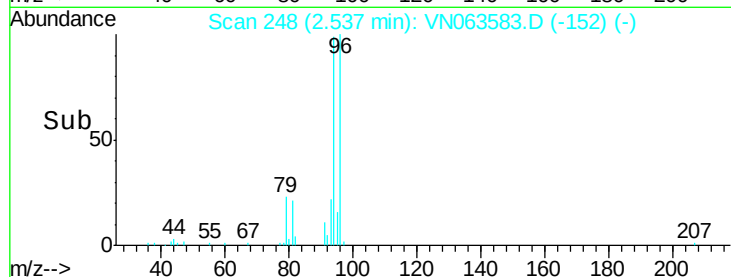
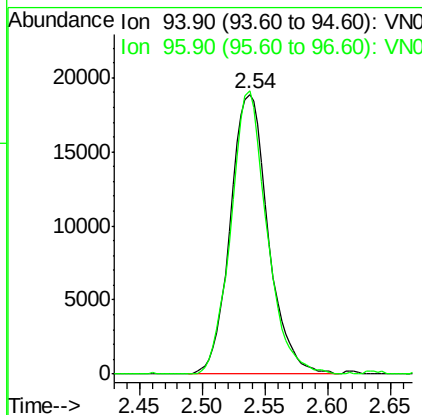
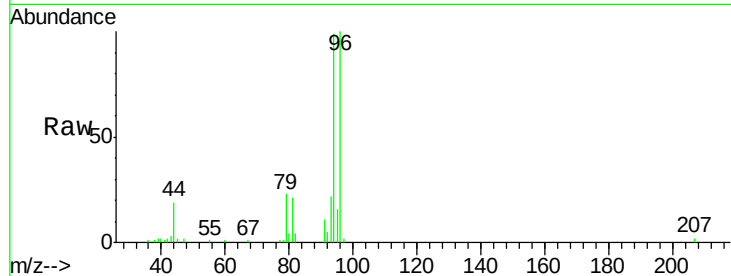
96 101.1 74.5 111.7

Manual Integrations

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#6

Chloroethane

Concen: 18.411 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.01 min

Lab File: VN063583.D

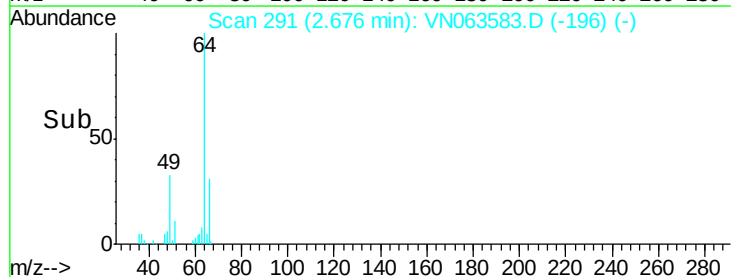
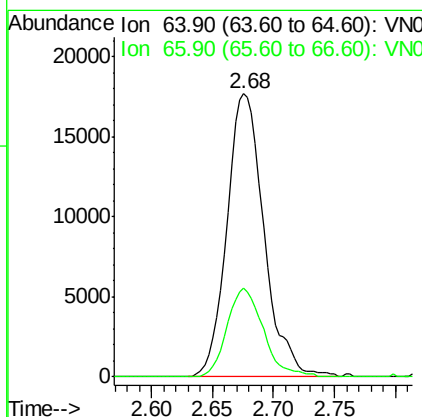
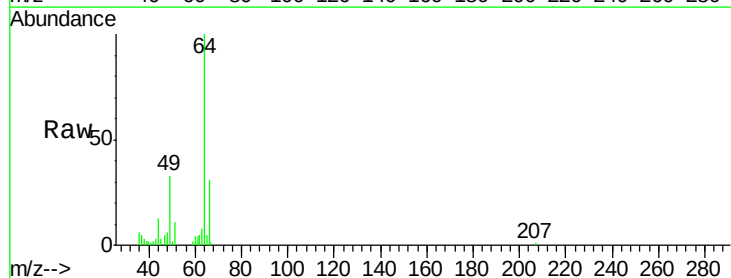
Acq: 23 Sep 2020 12:55

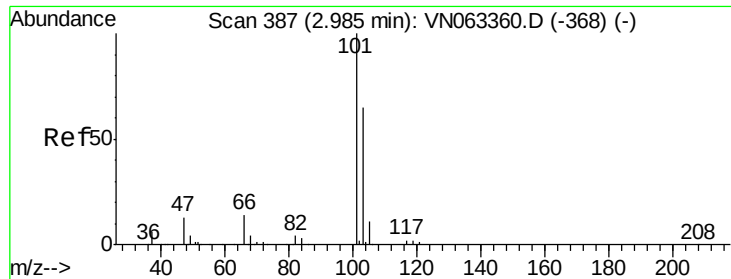
Tgt Ion: 64 Resp: 37506

Ion Ratio Lower Upper

64 100

66 31.3 26.9 40.3





#7

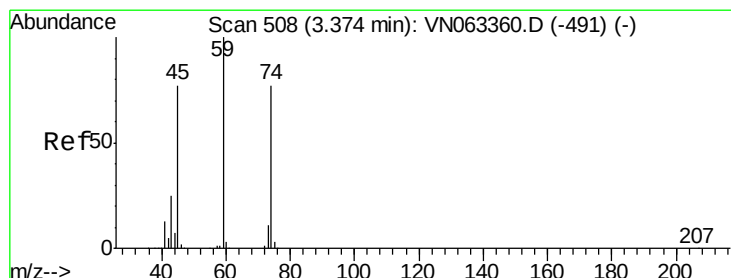
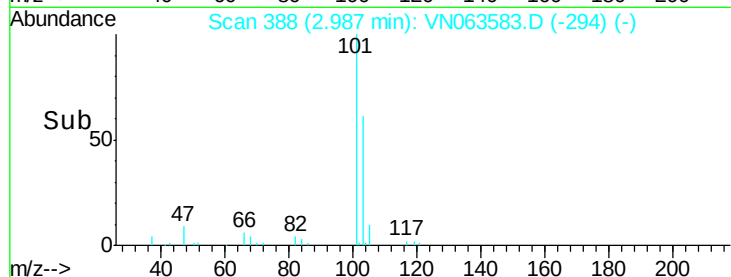
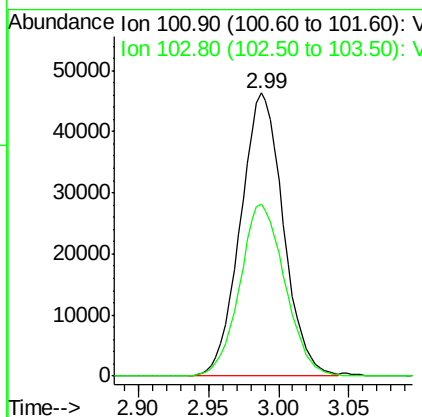
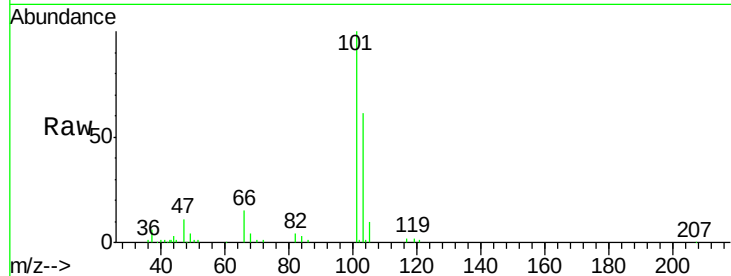
Trichlorofluoromethane
Concen: 19.888 ug/l
RT: 2.99 min Scan# 388
Delta R.T. 0.00 min
Lab File: VN063583.D
Acq: 23 Sep 2020 12:55

Instrument :
MSVOA_N
ClientSampleId :
VN0923WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	60.6	52.3	78.5

Manual Integrations
APPROVED

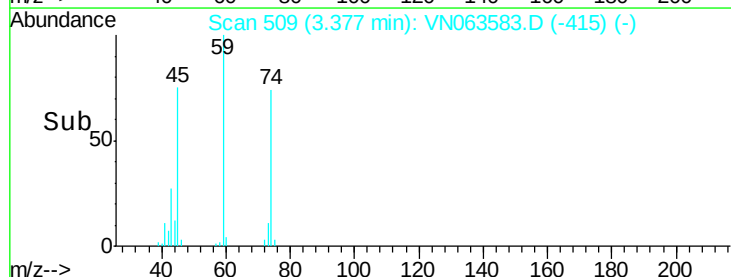
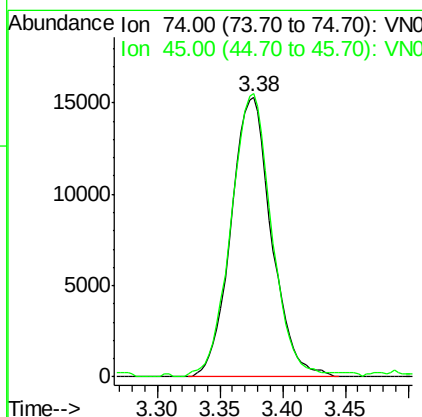
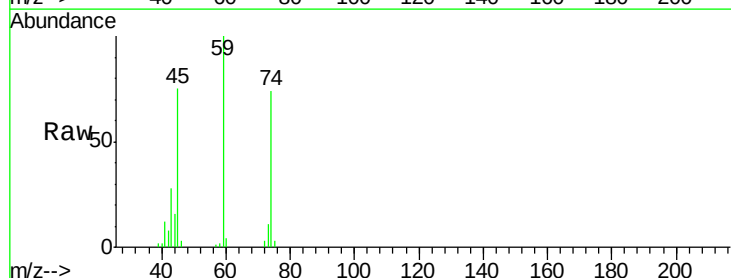
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9/24/2020 1:37:47 PM

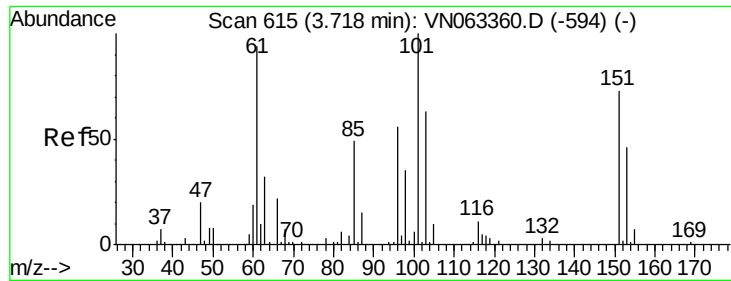


#8

Diethyl Ether
Concen: 17.796 ug/l
RT: 3.38 min Scan# 509
Delta R.T. 0.00 min
Lab File: VN063583.D
Acq: 23 Sep 2020 12:55

Tgt Ion	Ratio	Lower	Upper
74	100		
45	102.1	52.1	156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.423 ug/l

RT: 3.72 min Scan# 617

Delta R.T. 0.01 min

Lab File: VN063583.D

Acq: 23 Sep 2020 12:55

Instrument :

MSVOA_N

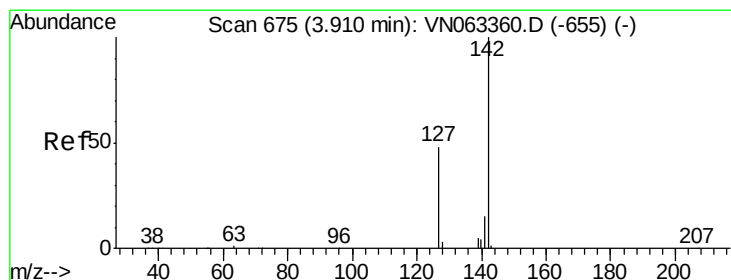
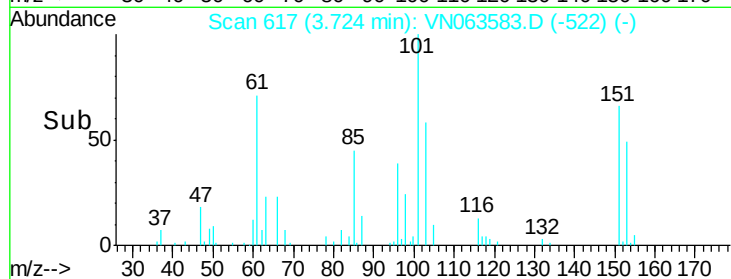
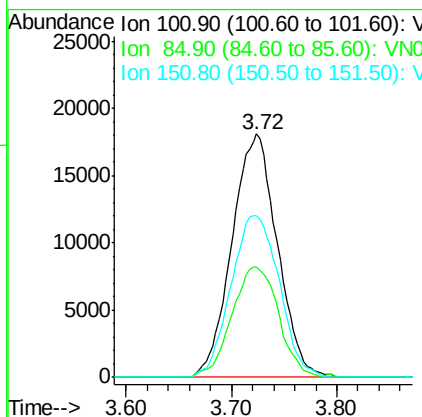
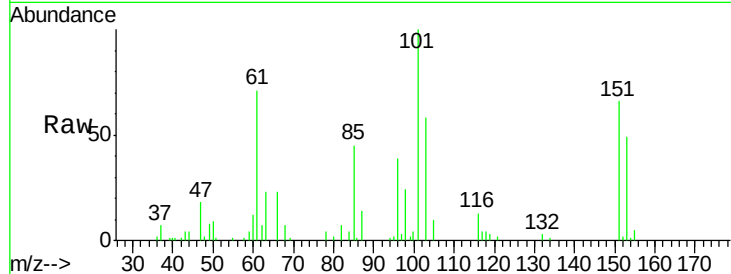
ClientSampleId :

VN0923WBS01

Tot Ion:	101	Resp:	54086
Ion Ratio	Lower	Upper	
101	100		
85	46.8	37.7	56.5
151	70.5	57.7	86.5

Manual Integrations
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#10

Methyl Iodide

Concen: 17.065 ug/l

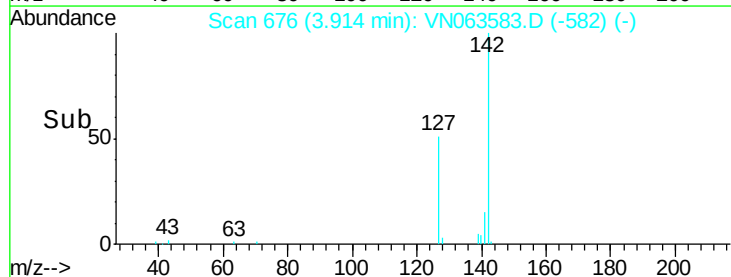
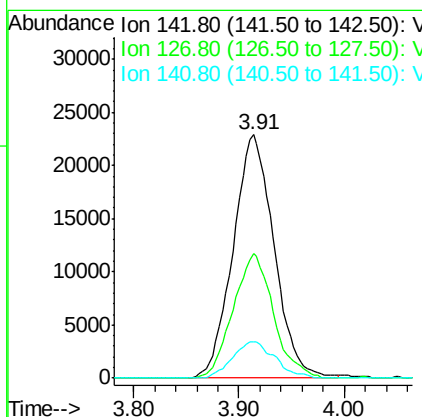
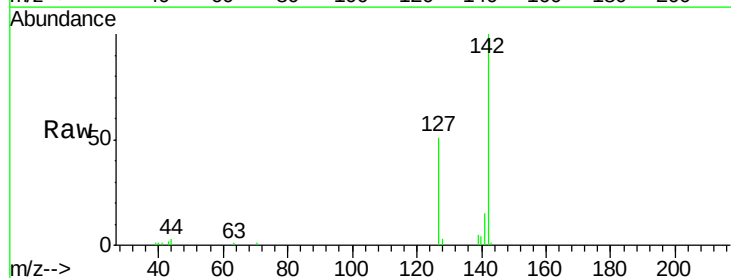
RT: 3.91 min Scan# 676

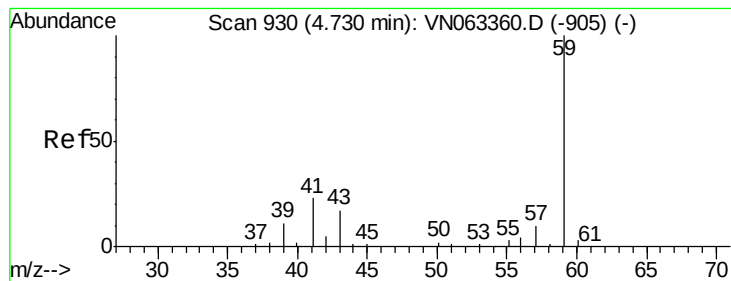
Delta R.T. 0.00 min

Lab File: VN063583.D

Acq: 23 Sep 2020 12:55

Tgt Ion:	142	Resp:	61867
Ion Ratio	Lower	Upper	
142	100		
127	50.1	39.0	58.6
141	15.4	11.6	17.4





#11

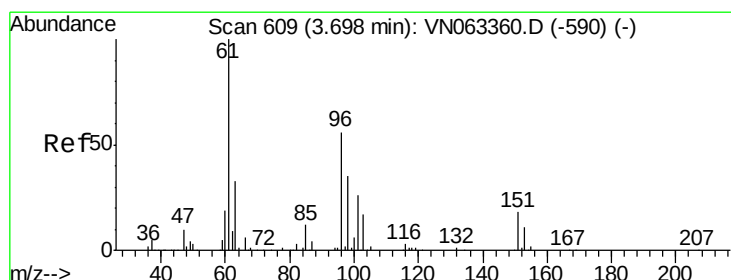
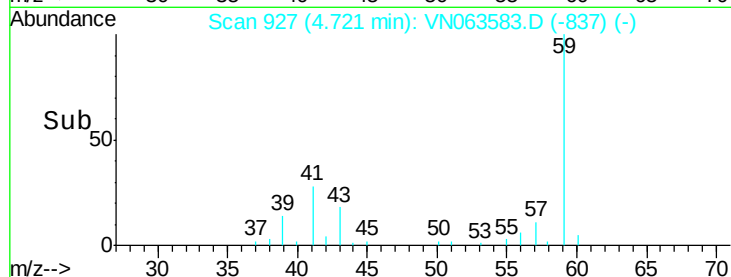
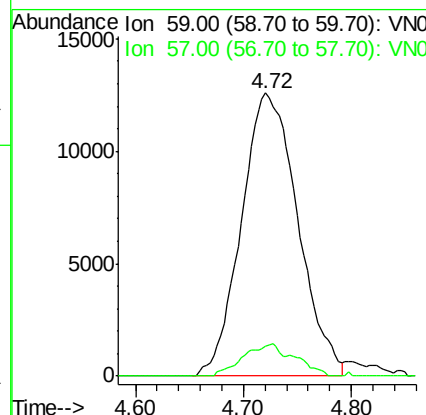
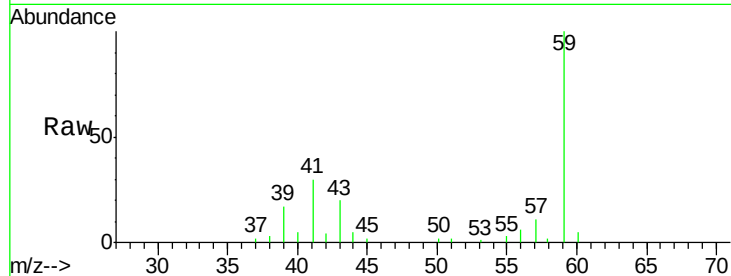
Tert butyl alcohol
 Concen: 77.462 ug/l
 RT: 4.72 min Scan# 927
 Delta R.T. -0.01 min
 Lab File: VN063583.D
 Acq: 23 Sep 2020 12:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0923WBS01

Tot Ion	Ratio	Resp	Lower	Upper
59	100	45657		
57	7.8		8.4	12.6#

Manual Integrations
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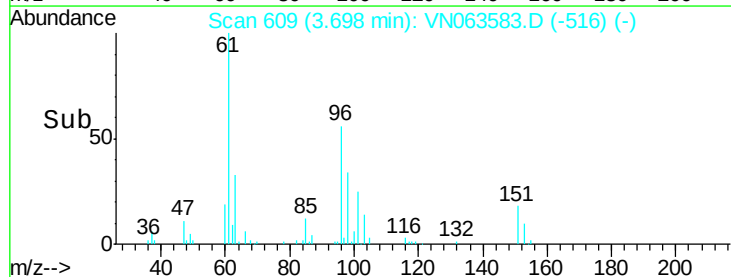
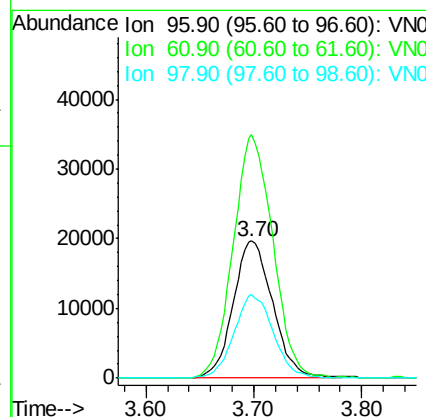
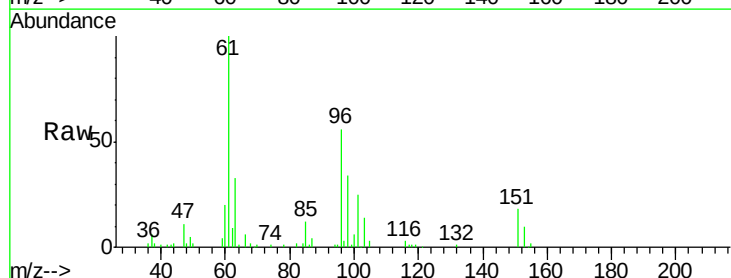
MMDadoda
 9/24/2020 1:37:47 PM

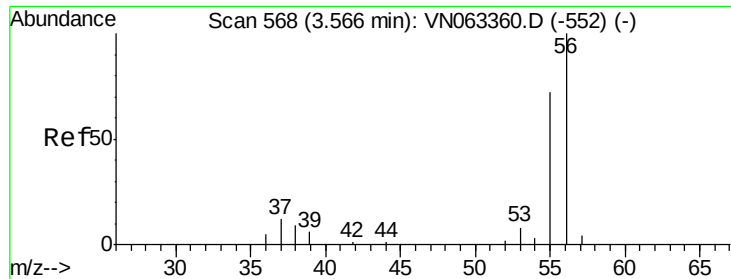


#12

1,1-Dichloroethene
 Concen: 17.767 ug/l
 RT: 3.70 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: VN063583.D
 Acq: 23 Sep 2020 12:55

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	50111		
61	177.6		143.4	215.2
98	60.8		50.6	76.0





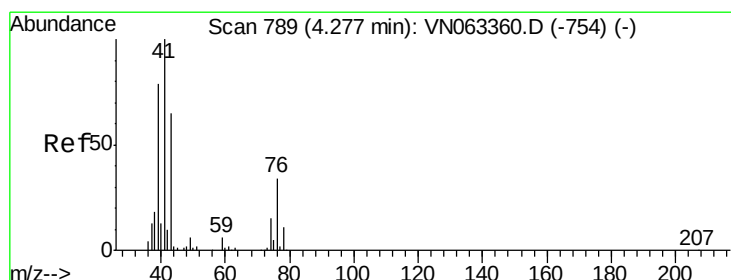
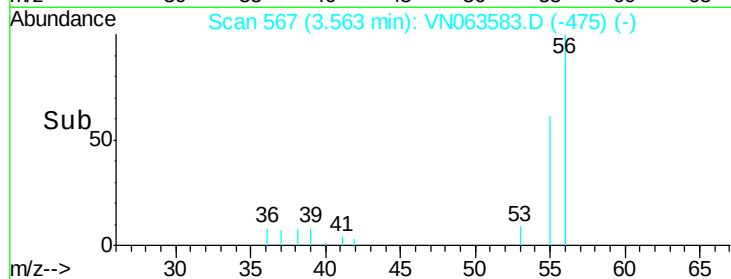
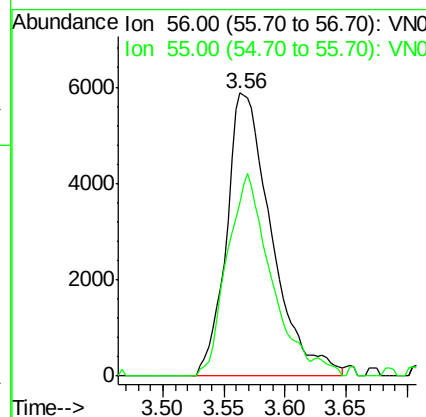
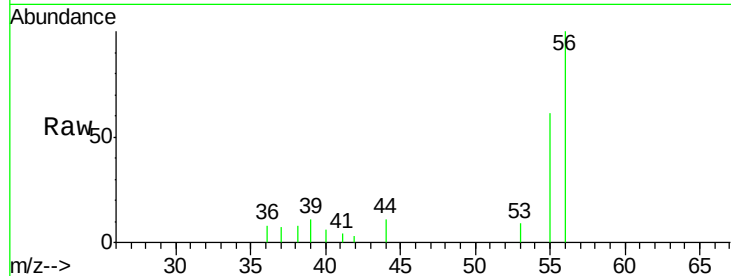
#13
Acrolein
Concen: 69.268 ug/l
RT: 3.56 min Scan# 567
Delta R.T. -0.00 min
Lab File: VN063583.D
Acq: 23 Sep 2020 12:55

Instrument :
MSVOA_N
ClientSampleId :
VN0923WBS01

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
55	68.3	58.2	87.2	

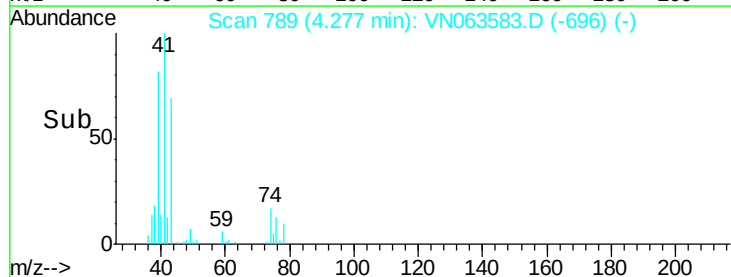
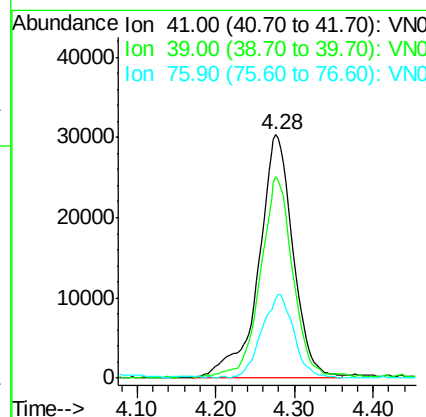
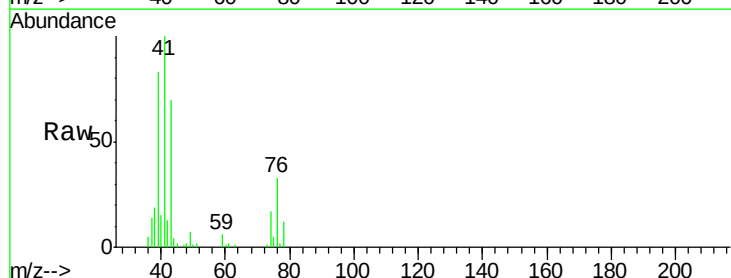
Manual Integrations
APPROVED

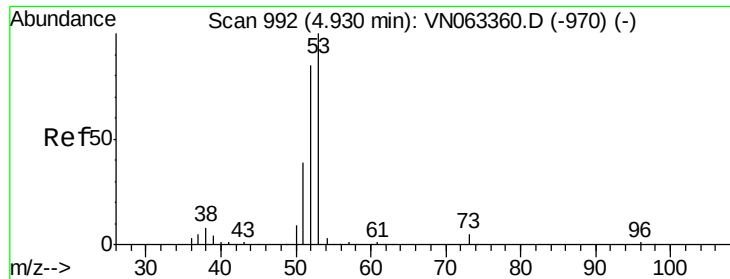
MMDadoda
9/24/2020 1:37:47 PM



#14
Allyl chloride
Concen: 16.831 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN063583.D
Acq: 23 Sep 2020 12:55

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	78.1	59.3	88.9	
76	32.0	25.3	37.9	





#15

Acrylonitrile

Concen: 87.255 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN063583.D

Acq: 23 Sep 2020 12:55

Instrument :

MSVOA_N

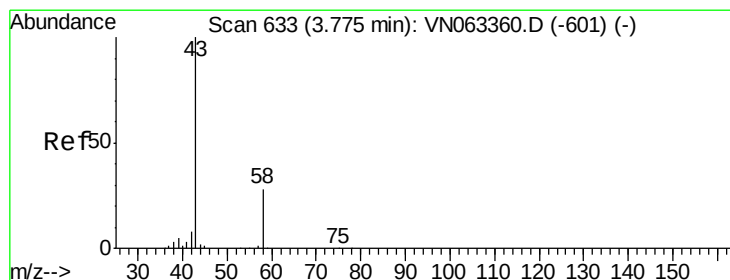
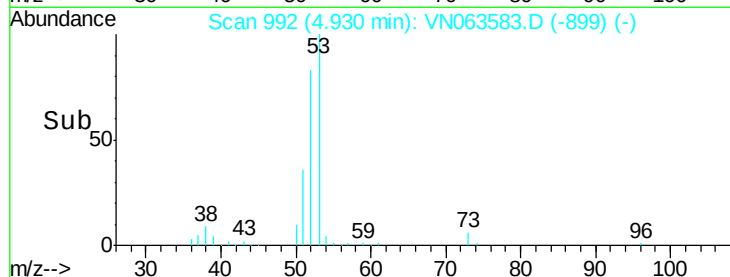
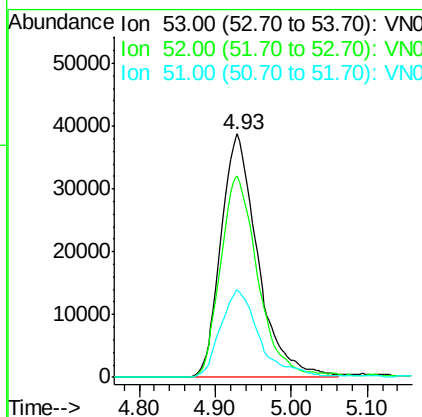
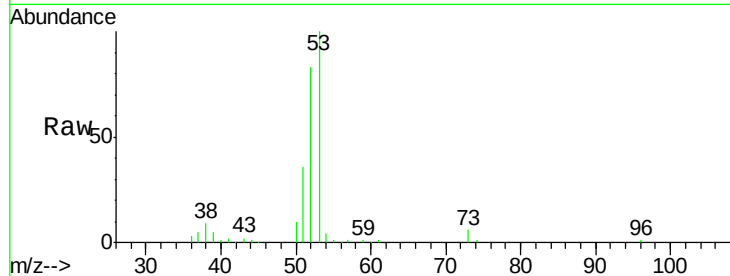
ClientSampleId :

VN0923WBS01

Tot Ion:	53	Resp:	130819
Ion Ratio	Lower	Upper	
53	100		
52	83.7	66.4	99.6
51	37.7	30.2	45.4

Manual Integrations
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#16

Acetone

Concen: 88.472 ug/l

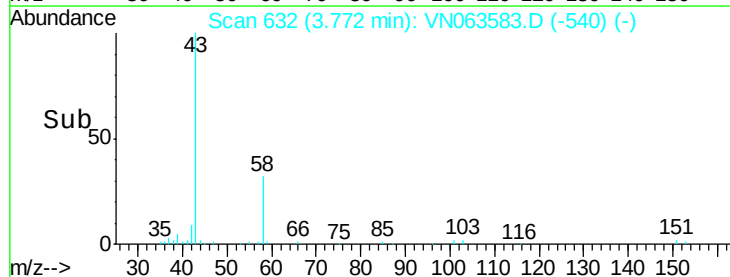
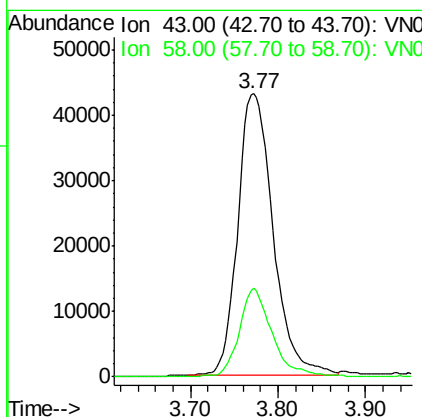
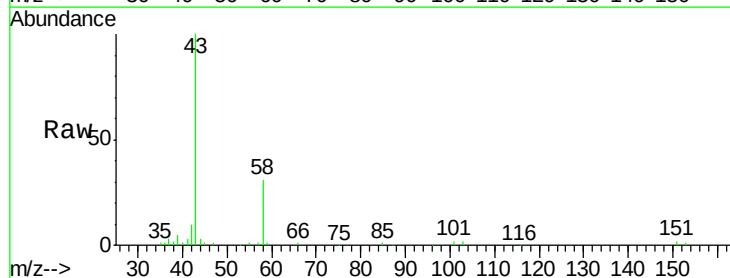
RT: 3.77 min Scan# 632

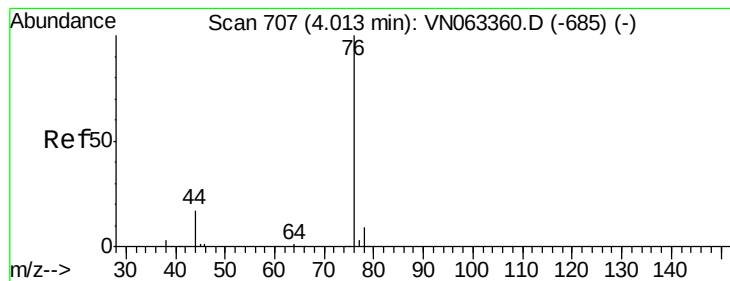
Delta R.T. -0.00 min

Lab File: VN063583.D

Acq: 23 Sep 2020 12:55

Tgt Ion:	43	Resp:	120973
Ion Ratio	Lower	Upper	
43	100		
58	31.6	22.3	33.5





#17

Carbon Disulfide

Concen: 16.013 ug/l

RT: 4.01 min Scan# 707

Delta R.T. -0.00 min

Lab File: VN063583.D

Acq: 23 Sep 2020 12:55

Instrument :

MSVOA_N

ClientSampleId :

VN0923WBS01

Tot Ion: 76 Resp: 131374

Ion Ratio Lower Upper

76 100

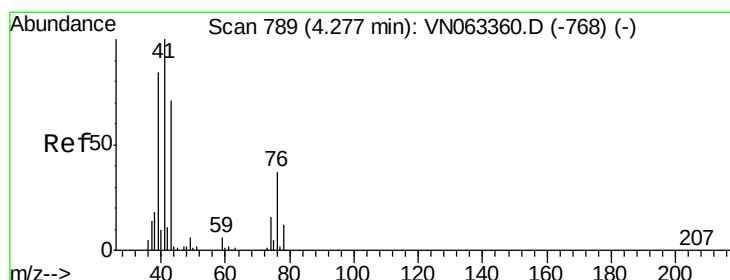
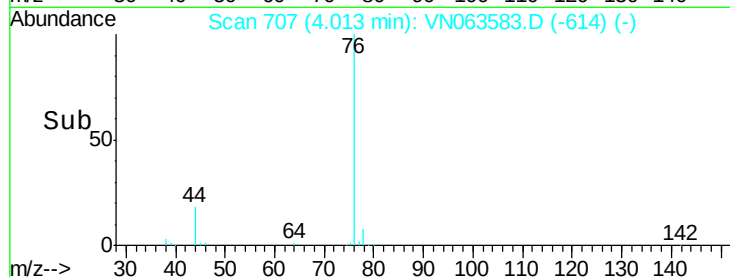
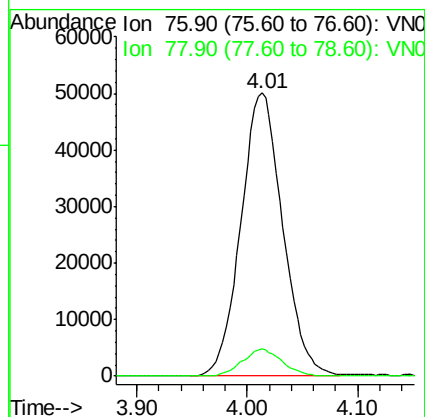
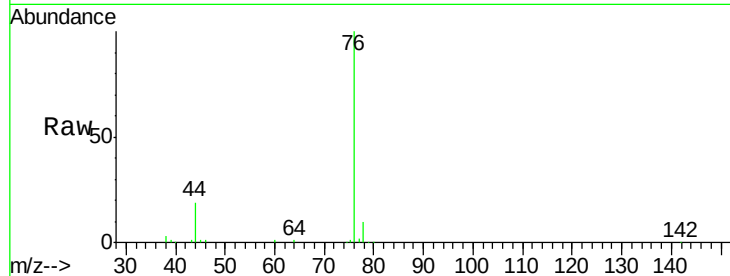
78 9.5 7.2 10.8

Manual Integrations

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9/24/2020 1:37:47 PM



#18

Methyl Acetate

Concen: 18.671 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063583.D

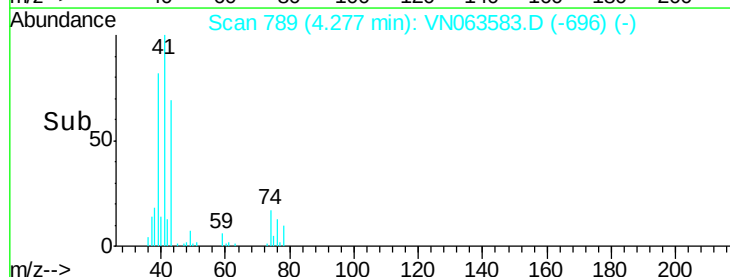
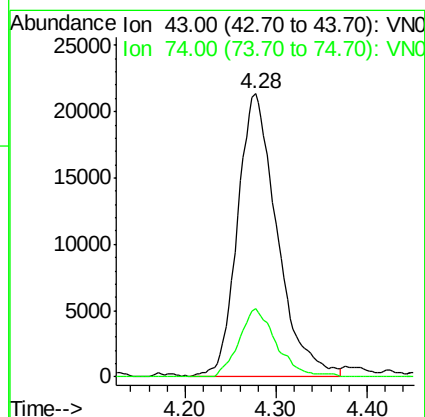
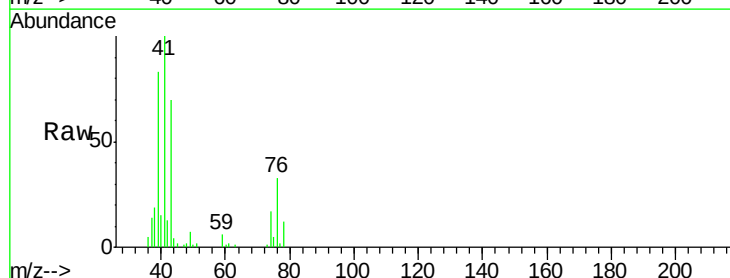
Acq: 23 Sep 2020 12:55

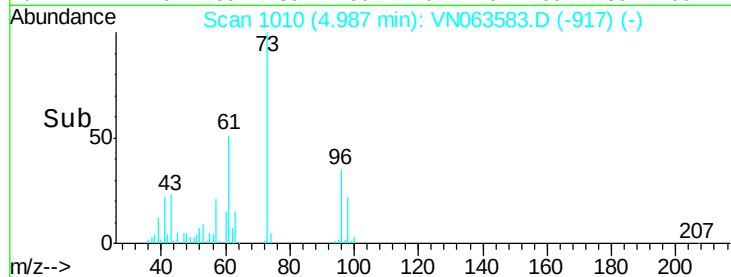
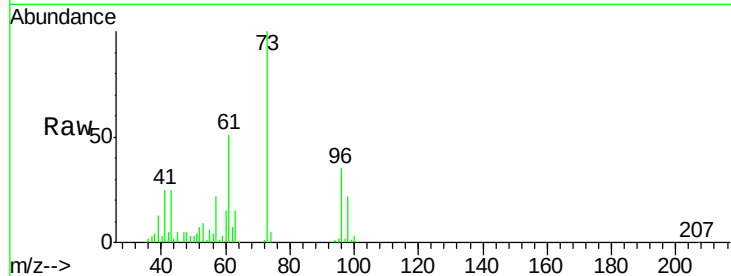
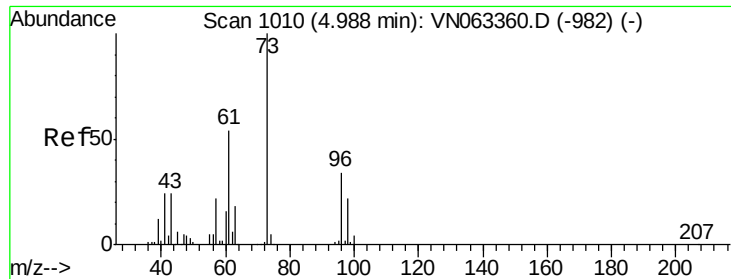
Tgt Ion: 43 Resp: 64811

Ion Ratio Lower Upper

43 100

74 22.5 17.4 26.2





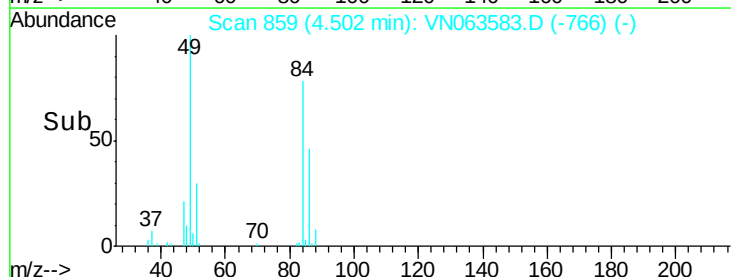
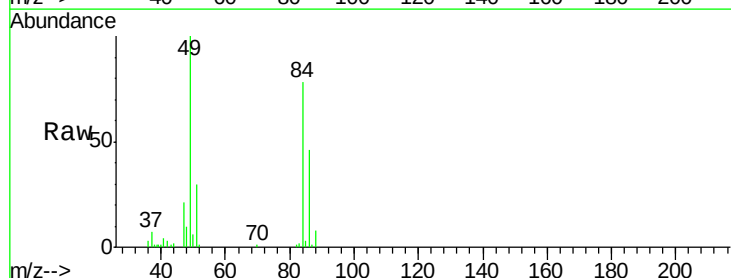
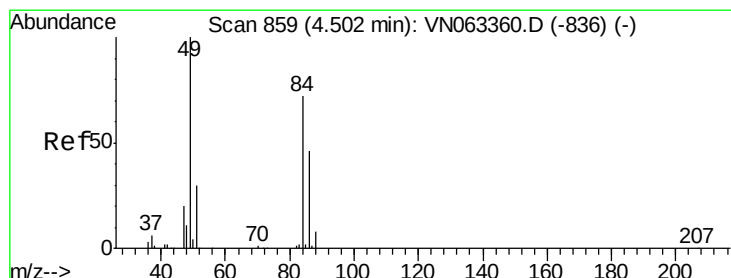
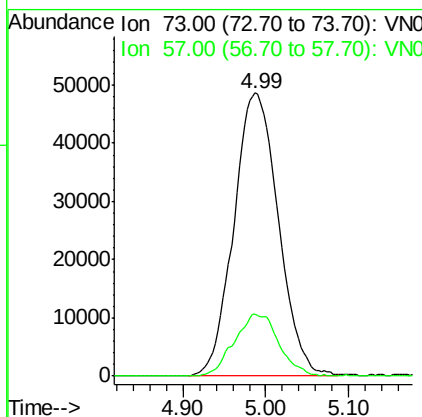
#19
Methyl tert-butyl Ether
Concen: 17.299 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. -0.00 min
Lab File: VN063583.D
Acq: 23 Sep 2020 12:55

Tot Ion: 73 Resp: 181854
Ion Ratio Lower Upper
73 100
57 22.0 17.9 26.9

Instrument :
MSVOA_N
ClientSampleId :
VN0923WBS01

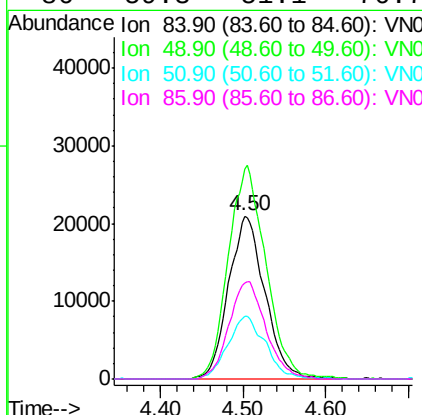
Manual Integrations
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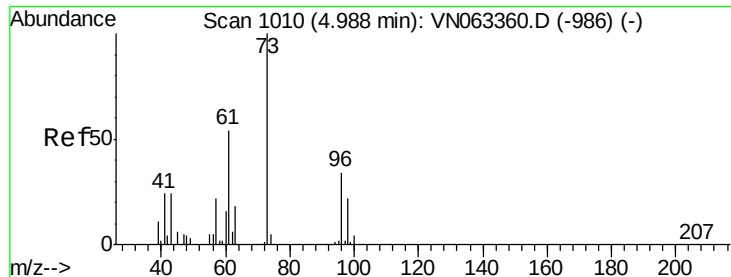
MMDadoda
9/24/2020 1:37:47 PM



#20
Methylene Chloride
Concen: 18.401 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN063583.D
Acq: 23 Sep 2020 12:55

Tgt Ion: 84 Resp: 63749
Ion Ratio Lower Upper
84 100
49 128.9 110.7 166.1
51 38.3 32.9 49.3
86 59.3 51.1 76.7





#21

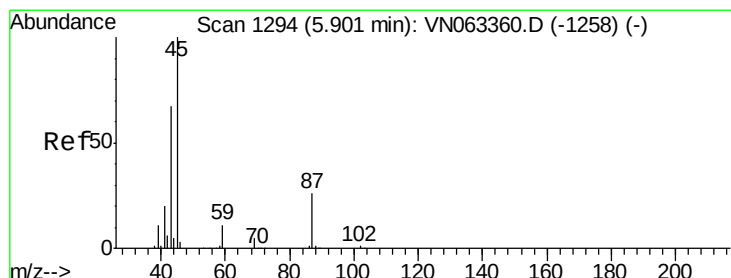
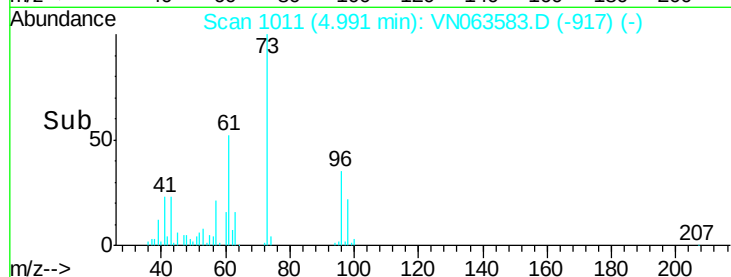
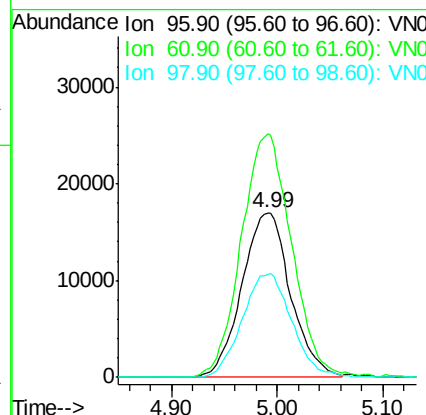
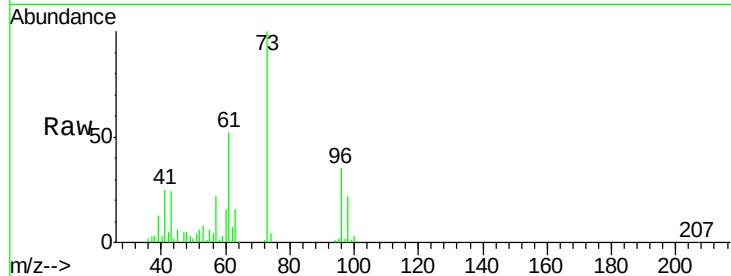
trans-1,2-Dichloroethene
Concen: 17.448 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN063583.D
Acq: 23 Sep 2020 12:55

Instrument :
MSVOA_N
ClientSampleId :
VN0923WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	148.2	126.2	189.4
98	62.2	51.0	76.4

Manual Integrations
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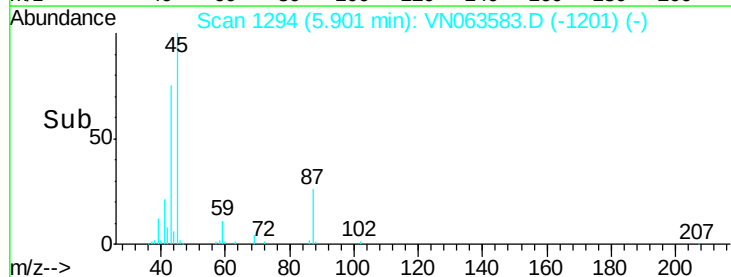
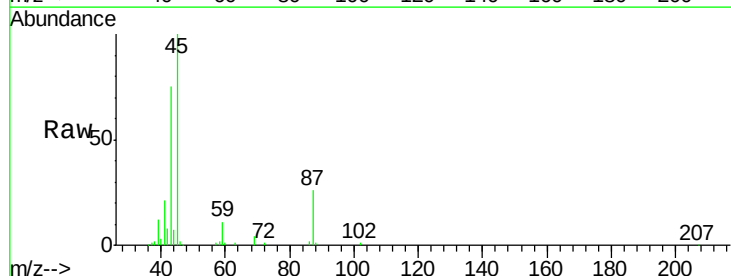
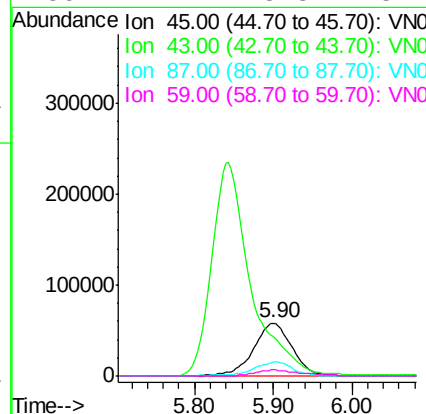
MMDadoda
9/24/2020 1:37:47 PM

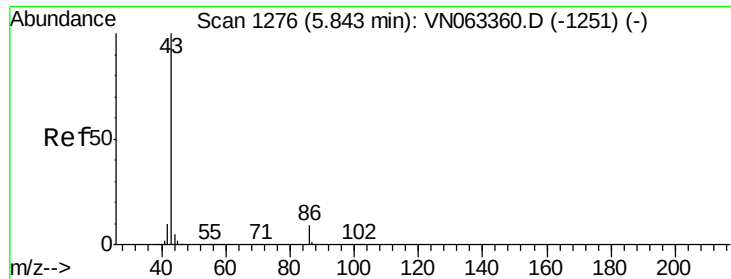


#22

Diisopropyl ether
Concen: 17.533 ug/l
RT: 5.90 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VN063583.D
Acq: 23 Sep 2020 12:55

Tgt Ion	Ratio	Lower	Upper
45	100		
43	71.4	53.5	80.3
87	26.1	21.2	31.8
59	11.1	8.8	13.2





#23

Vinyl Acetate

Concen: 86.139 ug/l

RT: 5.84 min Scan# 1276

Delta R.T. -0.00 min

Lab File: VN063583.D

Acq: 23 Sep 2020 12:55

Instrument :

MSVOA_N

ClientSampleID :

VN0923WBS01

Tot Ion: 43 Resp: 804941

Ion Ratio Lower Upper

43 100

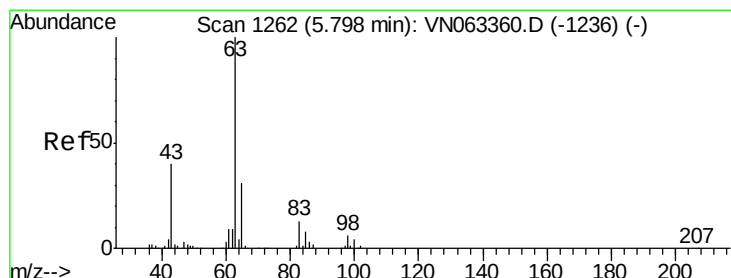
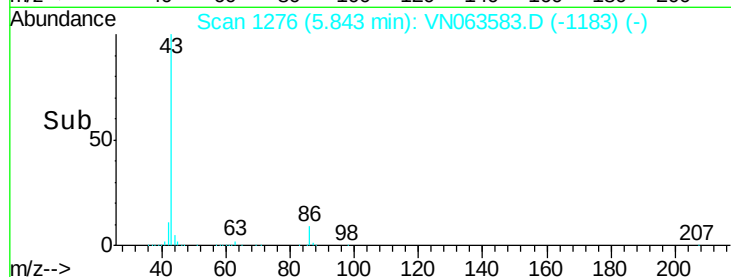
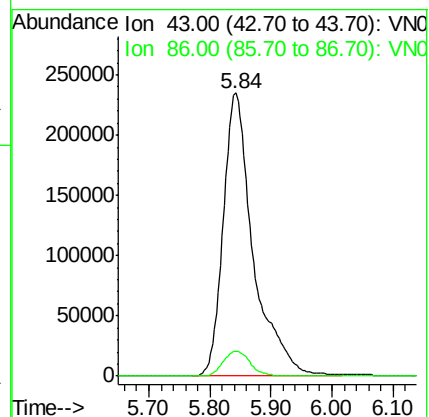
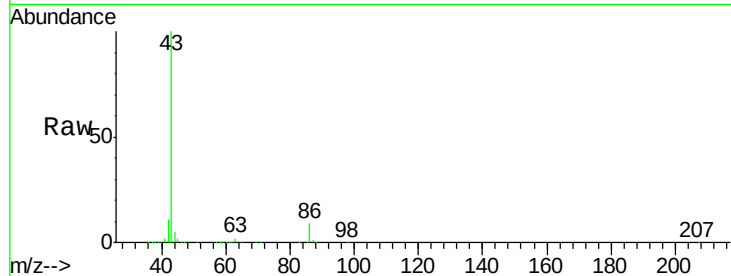
86 8.9 7.1 10.7

Manual Integrations

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MMDadoda

9/24/2020 1:37:47 PM



#24

1,1-Dichloroethane

Concen: 17.958 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. -0.00 min

Lab File: VN063583.D

Acq: 23 Sep 2020 12:55

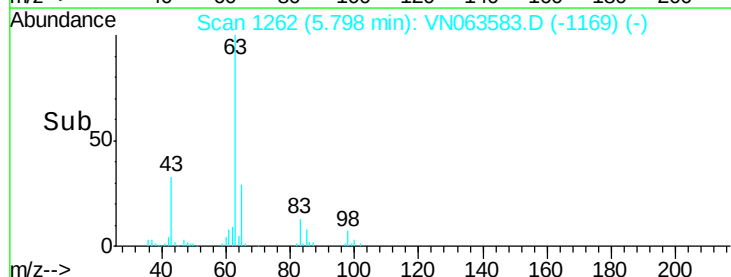
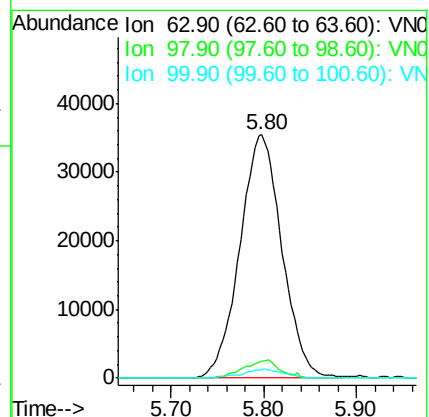
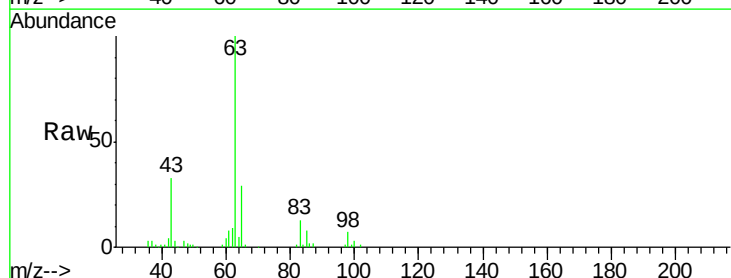
Tgt Ion: 63 Resp: 111558

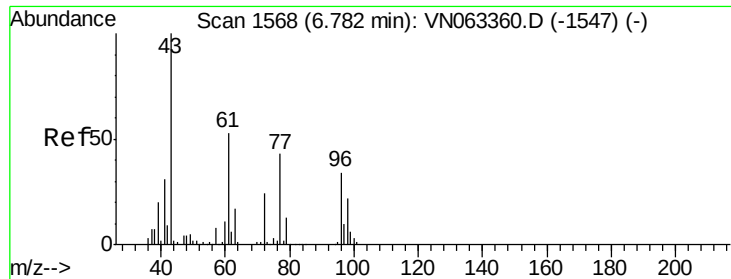
Ion Ratio Lower Upper

63 100

98 6.8 2.9 8.8

100 3.4 2.1 6.3





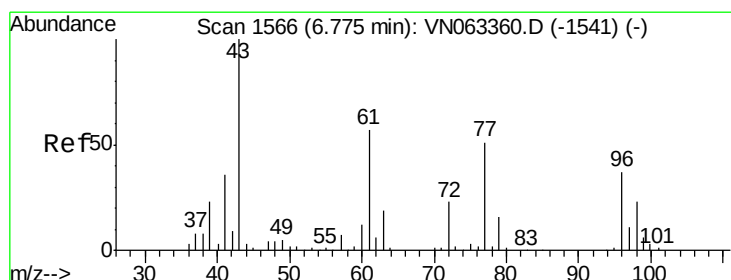
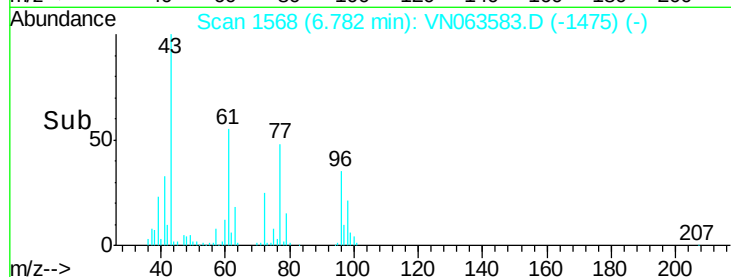
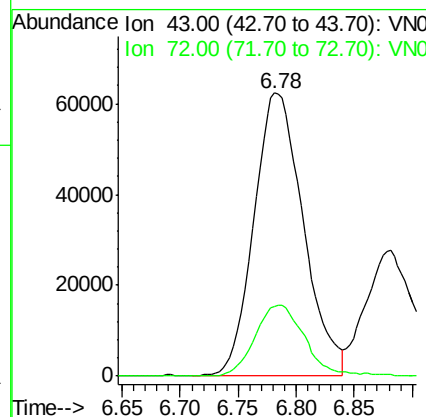
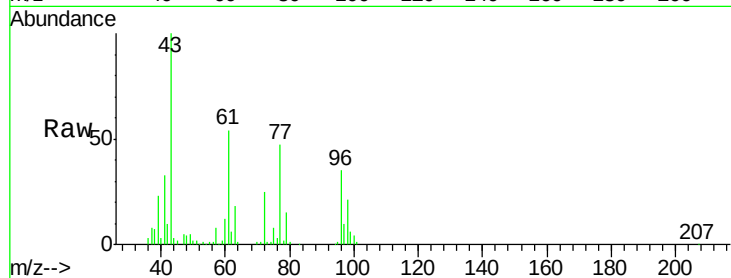
#25
2-Butanone
Concen: 87.908 ug/l
RT: 6.78 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VN063583.D
Acq: 23 Sep 2020 12:55

Instrument :
MSVOA_N
ClientSampleId :
VN0923WBS01

Tot Ion: 43 Resp: 184867
Ion Ratio Lower Upper
43 100
72 24.8 19.2 28.8

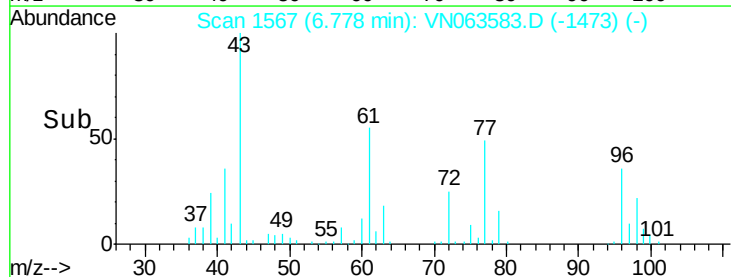
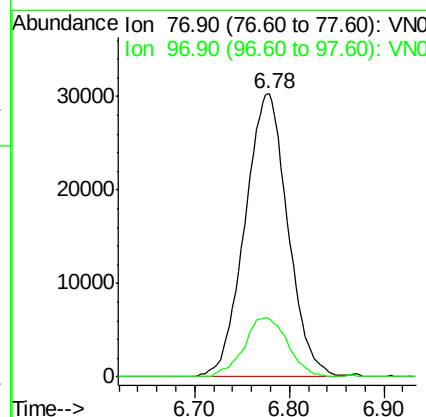
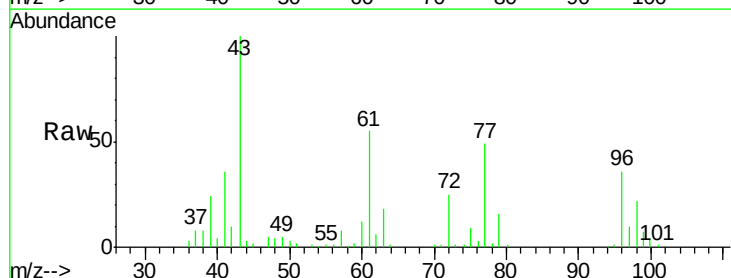
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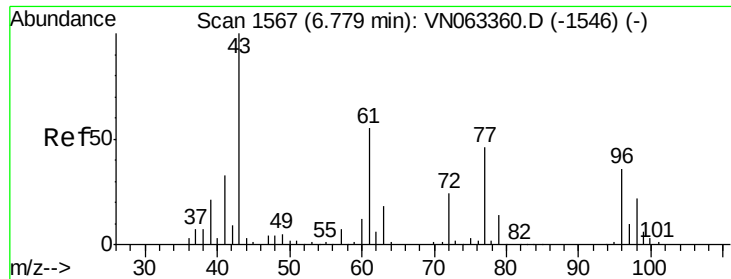
MMDadoda
9/24/2020 1:37:47 PM



#26
2,2-Dichloropropane
Concen: 17.452 ug/l
RT: 6.78 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VN063583.D
Acq: 23 Sep 2020 12:55

Tgt Ion: 77 Resp: 95453
Ion Ratio Lower Upper
77 100
97 21.3 10.5 31.6





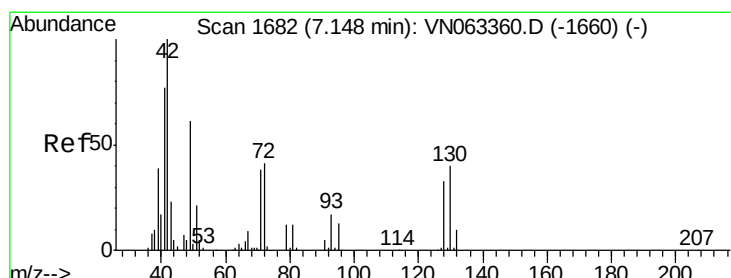
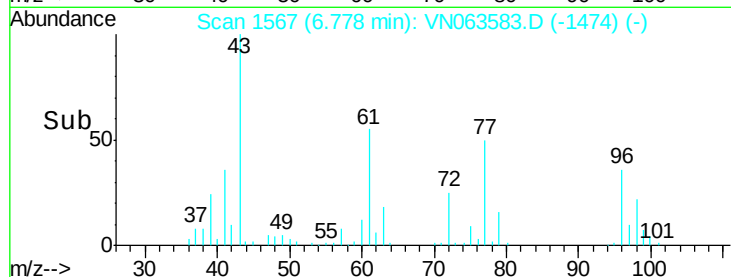
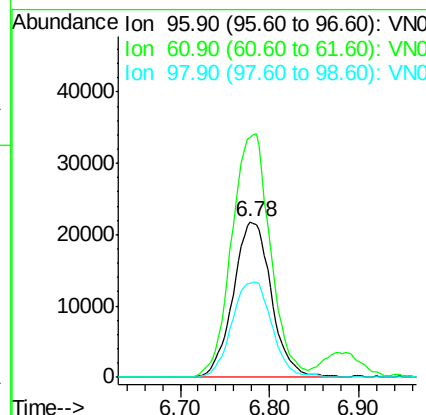
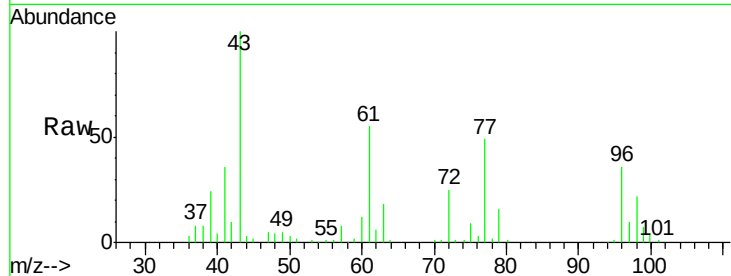
#27
 cis-1,2-Dichloroethene
 Concen: 18.274 ug/l
 RT: 6.78 min Scan# 1567
 Delta R.T. -0.00 min
 Lab File: VN063583.D
 Acq: 23 Sep 2020 12:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0923WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	64635		
61	158.5	0.0	319.6	
98	63.7	0.0	127.8	

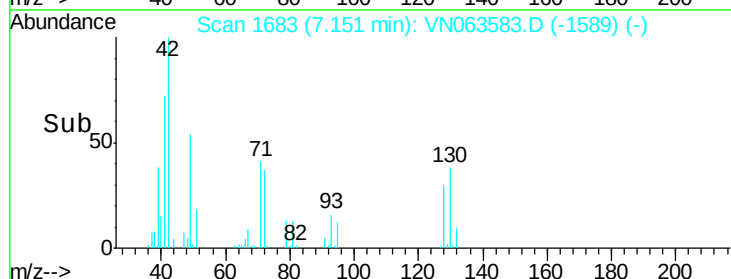
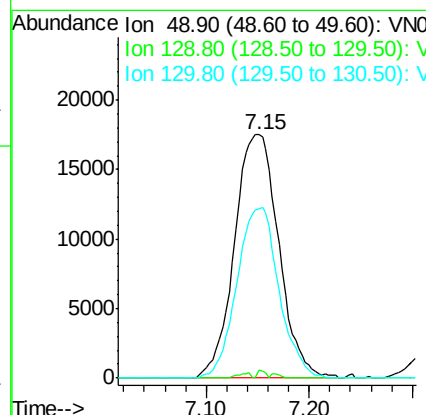
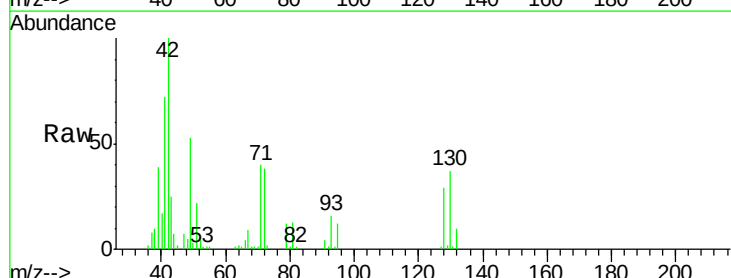
Manual Integrations
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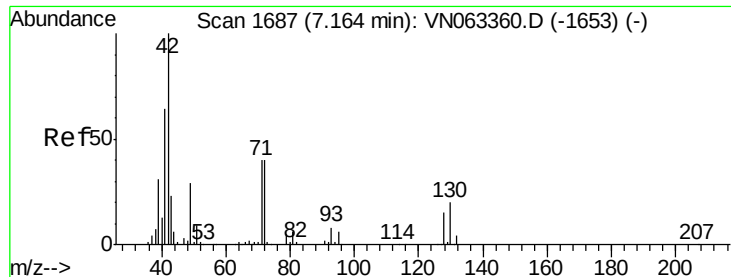
MMDadoda
 9/24/2020 1:37:47 PM



#28
 Bromochloromethane
 Concen: 18.221 ug/l
 RT: 7.15 min Scan# 1683
 Delta R.T. 0.00 min
 Lab File: VN063583.D
 Acq: 23 Sep 2020 12:55

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	52263		
129	0.6	0.0	3.8	
130	66.4	52.2	78.2	





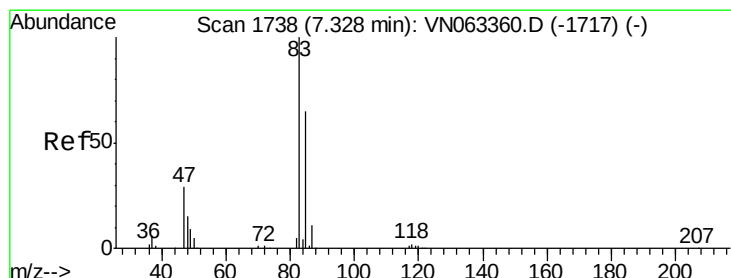
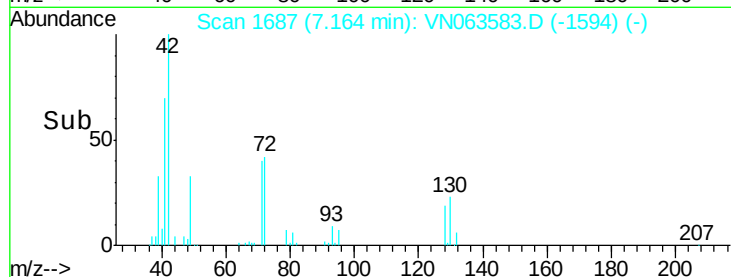
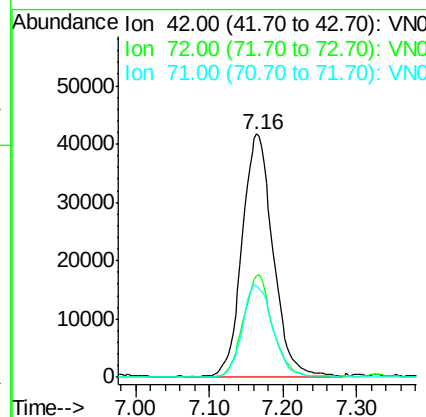
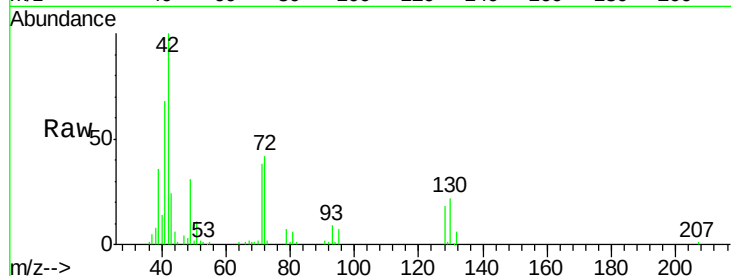
#29
Tetrahydrofuran
Concen: 85.436 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VN063583.D
Acq: 23 Sep 2020 12:55

Instrument :
MSVOA_N
ClientSampleId :
VN0923WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.6	32.1	48.1
71	37.2	31.2	46.8

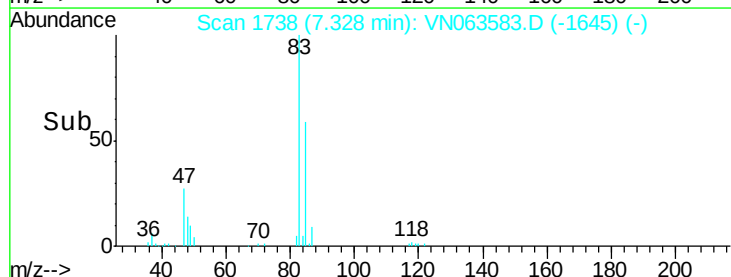
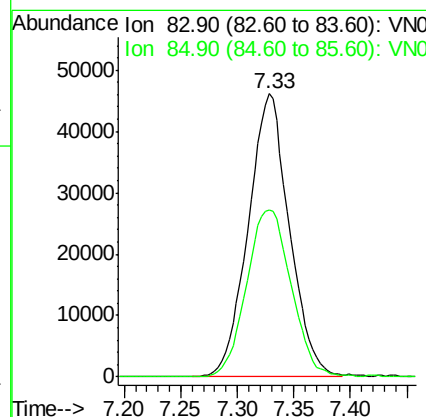
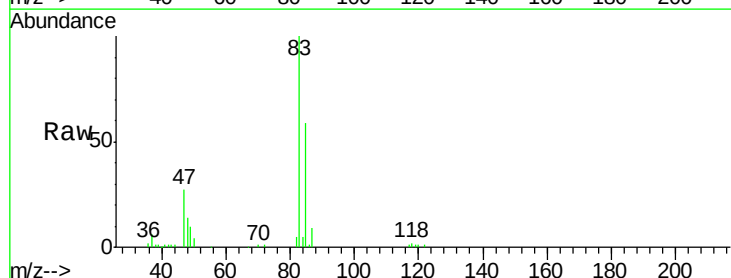
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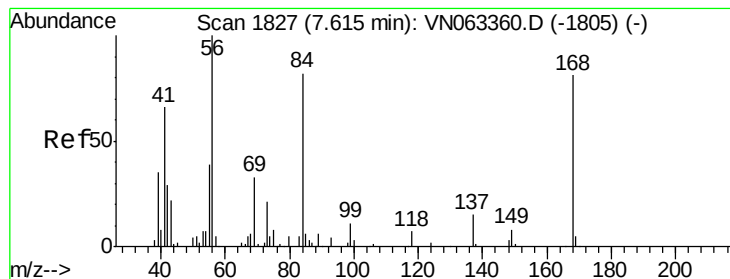
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#30
Chloroform
Concen: 18.720 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VN063583.D
Acq: 23 Sep 2020 12:55

Tgt Ion	Ratio	Lower	Upper
83	100		
85	58.9	52.1	78.1





#31

Cyclohexane

Concen: 16.274 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VN063583.D

Acq: 23 Sep 2020 12:55

Instrument :

MSVOA_N

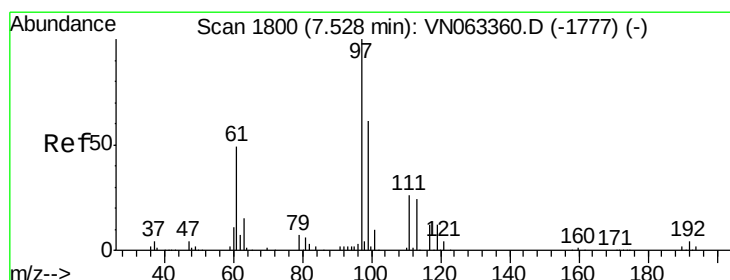
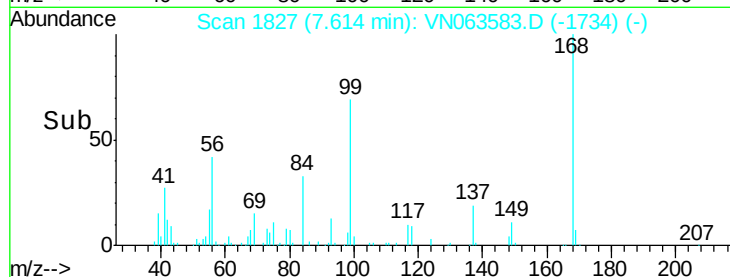
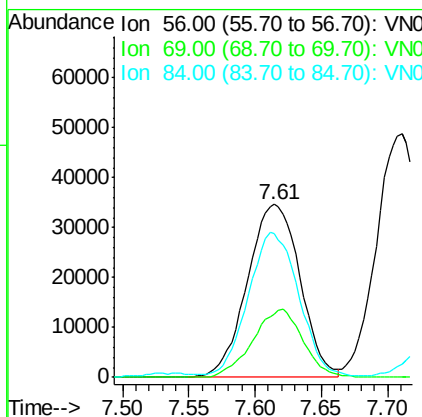
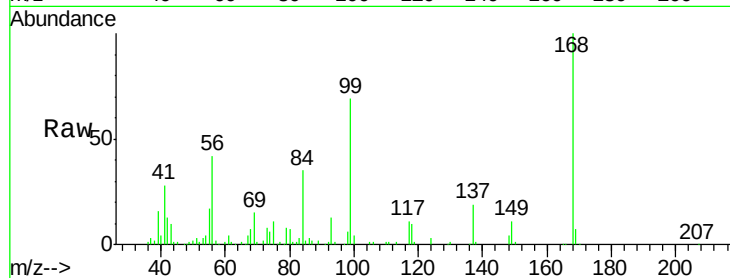
ClientSampleId :

VN0923WBS01

Tot Ion:	56	Resp:	95628
Ion Ratio	Lower	Upper	
56	100		
69	36.6	26.1	39.1
84	81.2	65.4	98.2

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 17.764 ug/l

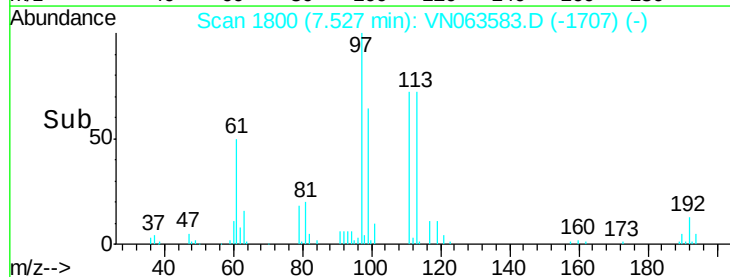
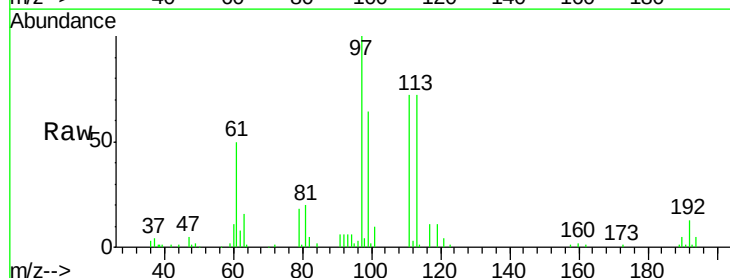
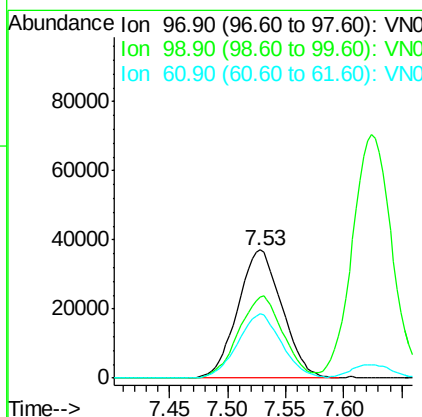
RT: 7.53 min Scan# 1800

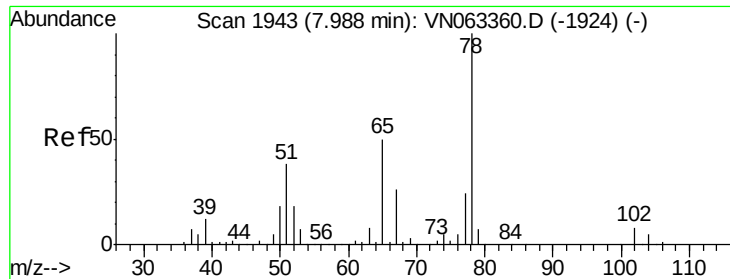
Delta R.T. -0.00 min

Lab File: VN063583.D

Acq: 23 Sep 2020 12:55

Tgt Ion:	97	Resp:	98473
Ion Ratio	Lower	Upper	
97	100		
99	64.3	50.6	76.0
61	49.9	39.2	58.8





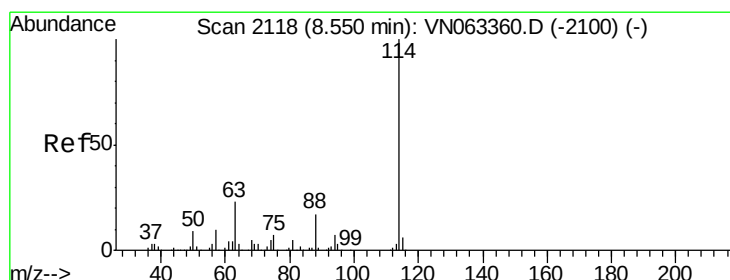
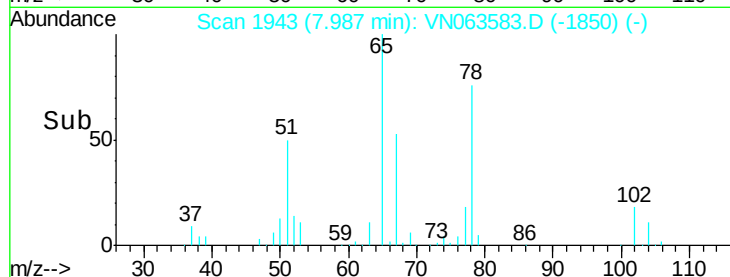
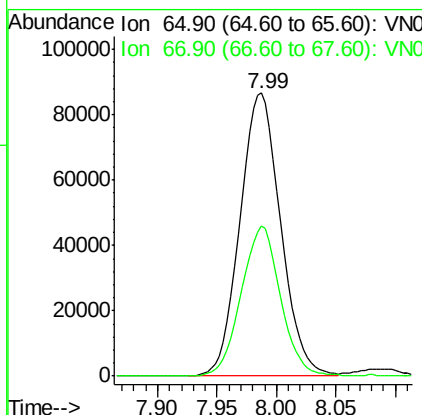
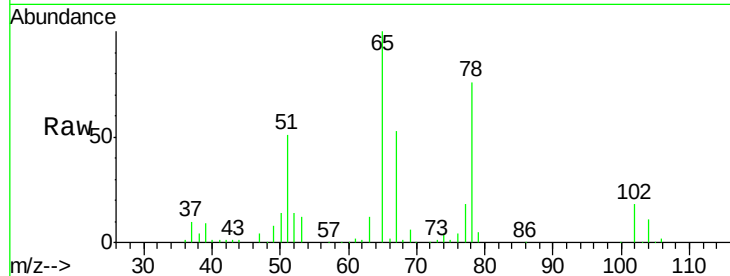
#33
 1,2-Dichloroethane-d4
 Concen: 48.253 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN063583.D
 Acq: 23 Sep 2020 12:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0923WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	205299		
67	51.2	0.0	104.2	

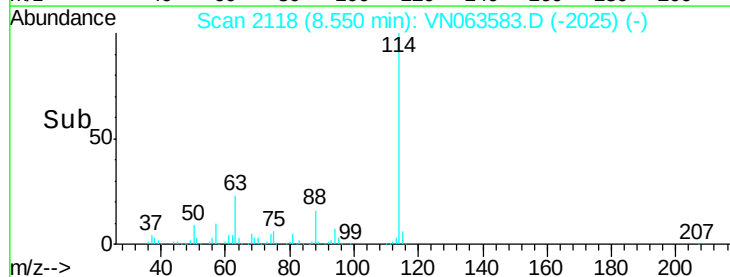
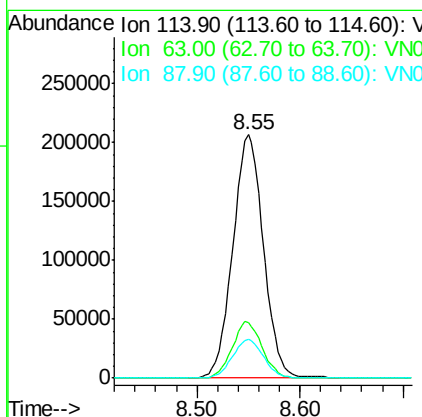
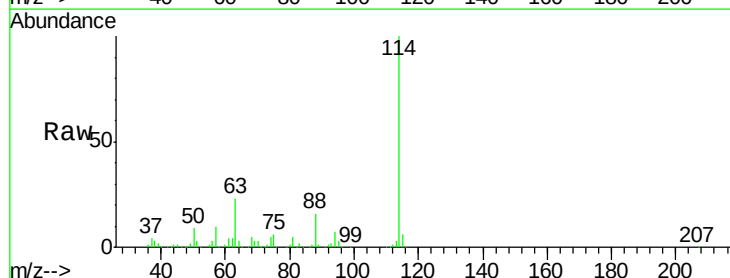
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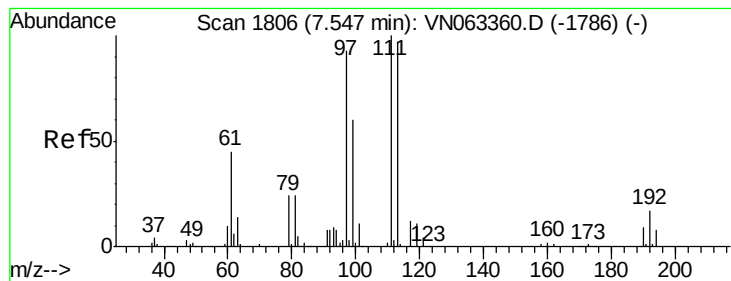
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063583.D
 Acq: 23 Sep 2020 12:55

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	427138		
63	22.8	0.0	46.4	
88	16.2	0.0	33.2	





#35

Dibromofluoromethane

Concen: 48.851 ug/l

RT: 7.55 min Scan# 1806

Delta R.T. -0.00 min

Lab File: VN063583.D

Acq: 23 Sep 2020 12:55

Instrument :

MSVOA_N

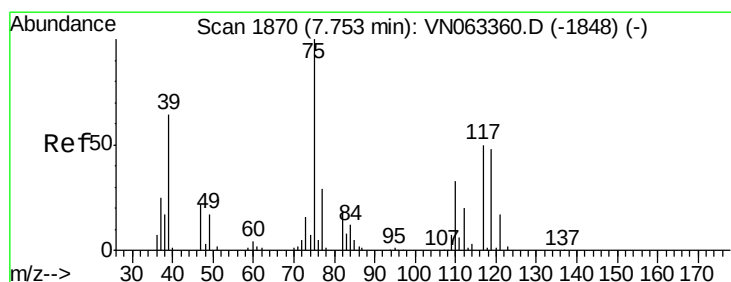
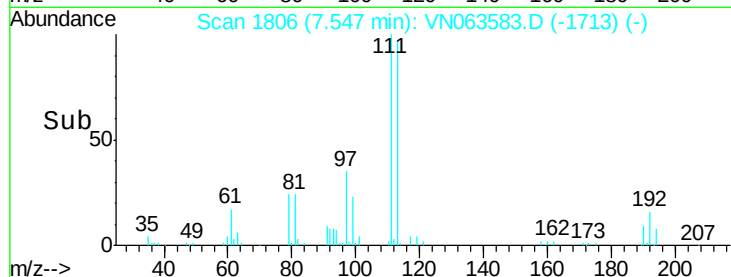
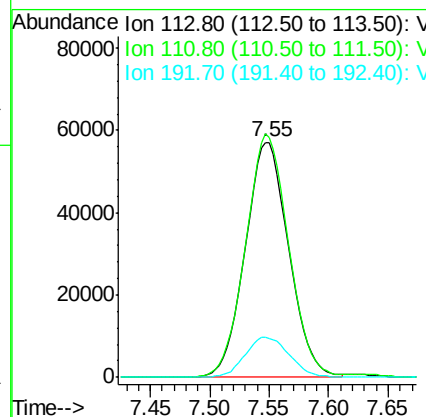
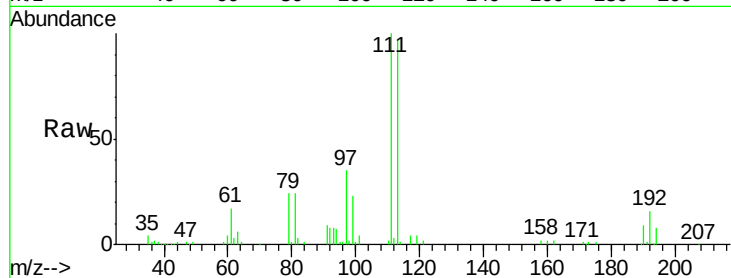
ClientSampleId :

VN0923WBS01

Tot Ion:	113	Resp:	144452
Ion Ratio	Lower	Upper	
113	100		
111	102.4	82.9	124.3
192	17.4	13.9	20.9

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#36

1,1-Dichloropropene

Concen: 18.208 ug/l

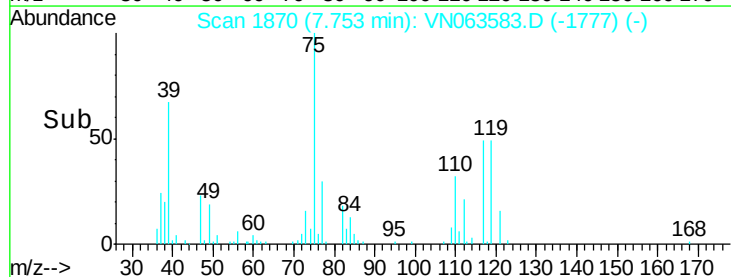
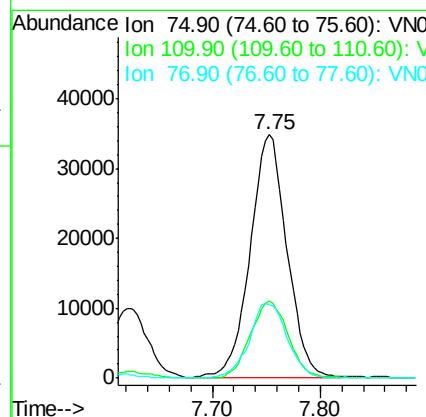
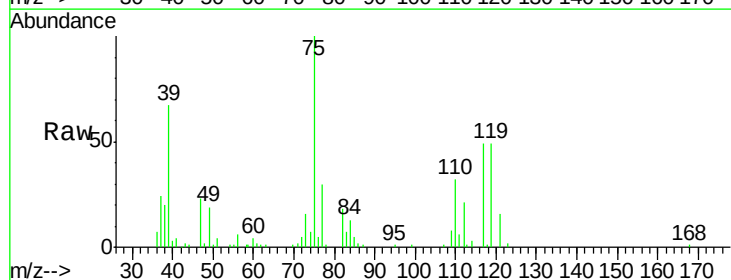
RT: 7.75 min Scan# 1870

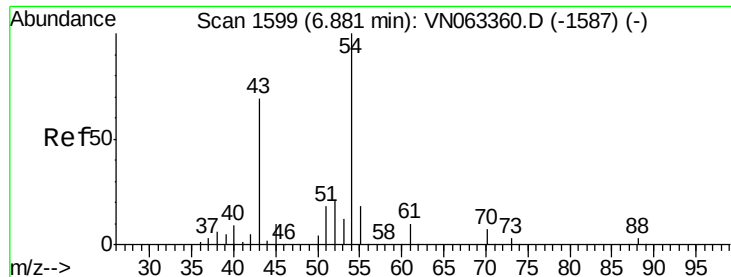
Delta R.T. -0.00 min

Lab File: VN063583.D

Acq: 23 Sep 2020 12:55

Tgt Ion:	75	Resp:	82858
Ion Ratio	Lower	Upper	
75	100		
110	32.5	16.5	49.5
77	31.6	24.6	36.8





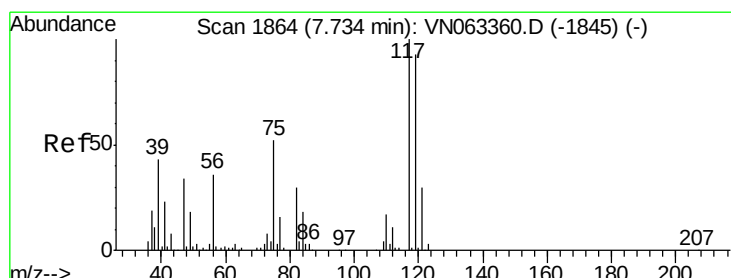
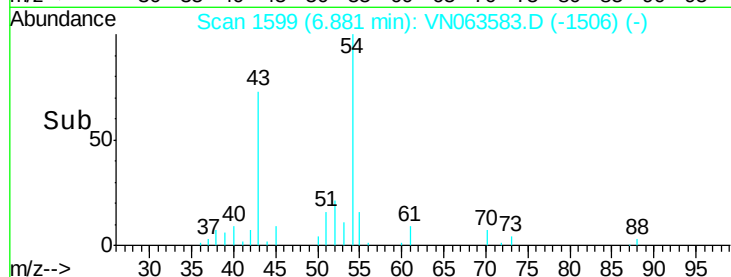
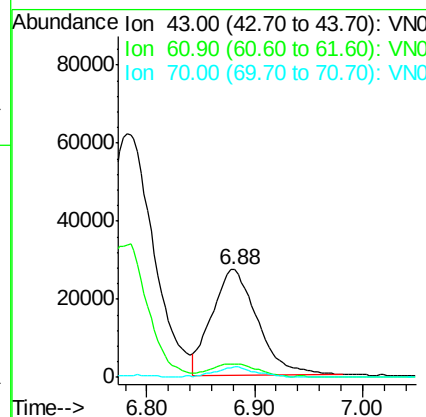
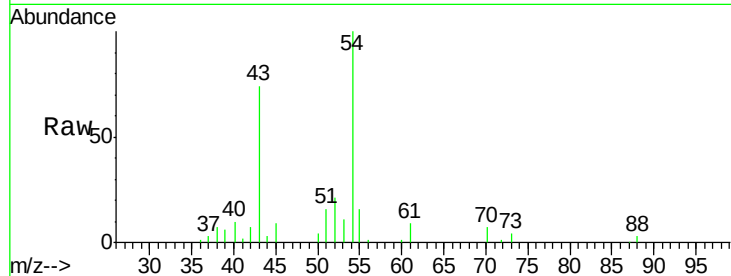
#37
Ethyl Acetate
Concen: 18.137 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VN063583.D
Acq: 23 Sep 2020 12:55

Instrument :
MSVOA_N
ClientSampleId :
VN0923WBS01

Tot Ion	43	61	70
Resp	81003		
Ratio	100	12.1	8.5
Lower		10.6	7.2
Upper		15.8	10.8

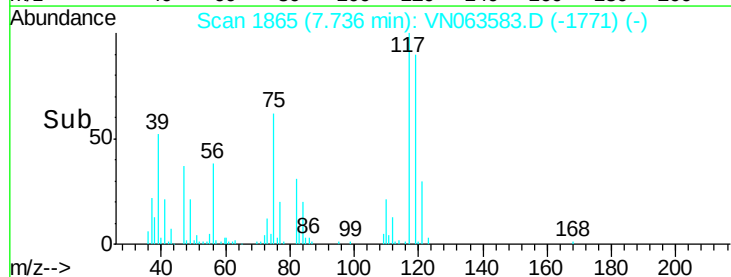
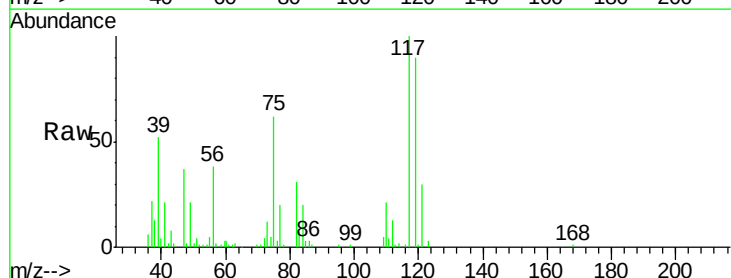
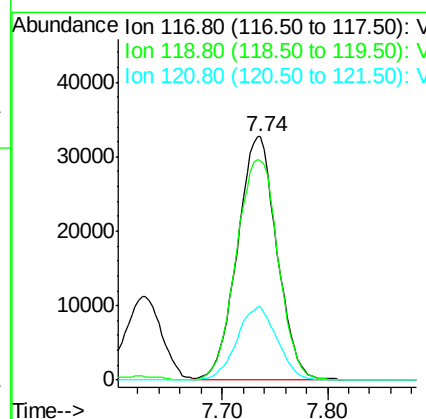
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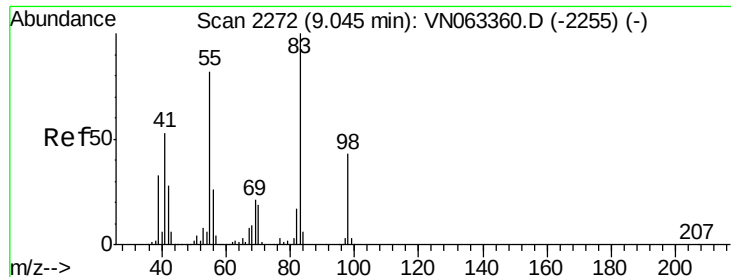
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#38
Carbon Tetrachloride
Concen: 18.349 ug/l
RT: 7.74 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN063583.D
Acq: 23 Sep 2020 12:55

Tgt Ion	117	119	121
Resp	85235		
Ratio	100	90.2	29.9
Lower		74.5	24.1
Upper		111.7	36.1





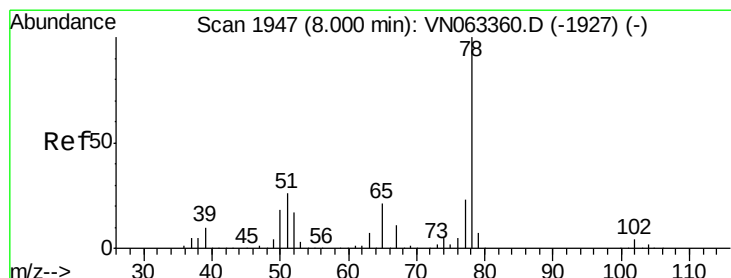
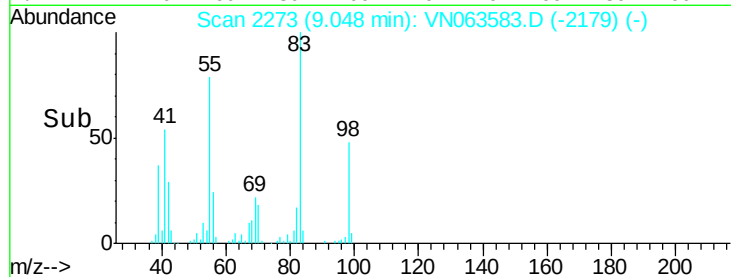
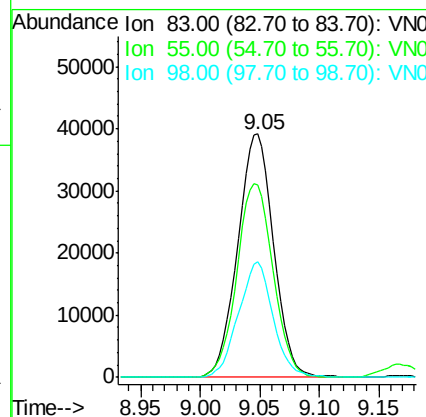
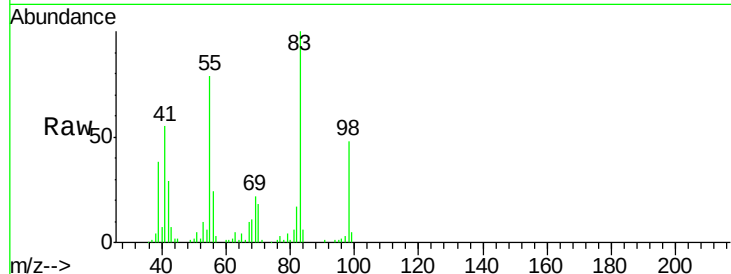
#39
Methylvlcyclohexane
Concen: 16.580 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN063583.D
Acq: 23 Sep 2020 12:55

Instrument :
MSVOA_N
ClientSampleId :
VN0923WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.1	65.5	98.3
98	47.6	34.2	51.4

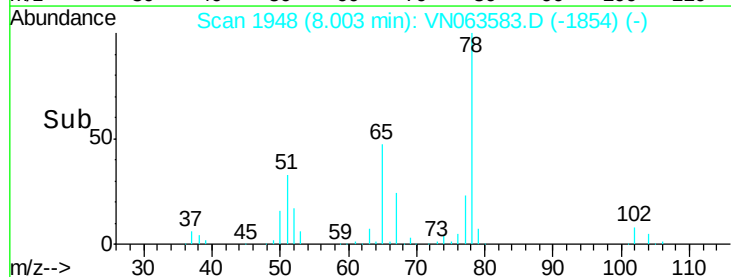
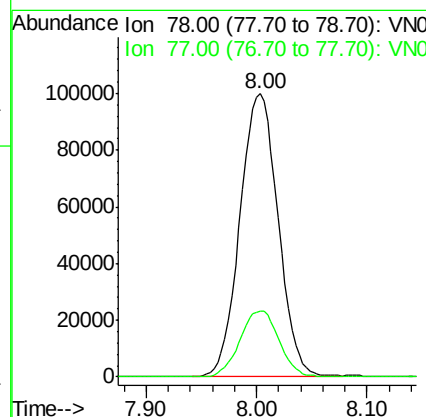
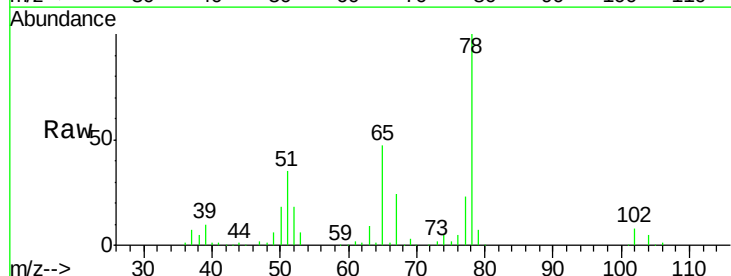
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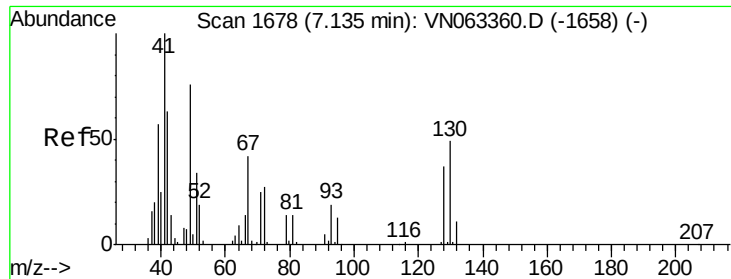
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#40
Benzene
Concen: 18.453 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063583.D
Acq: 23 Sep 2020 12:55

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.3	27.5





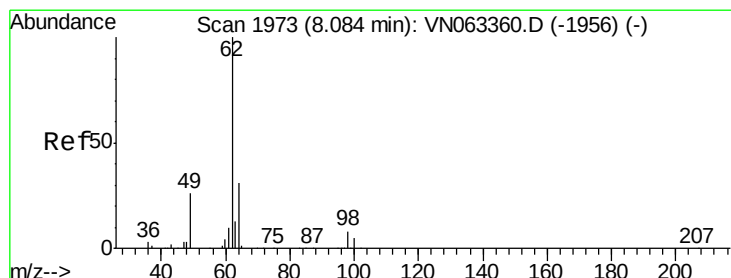
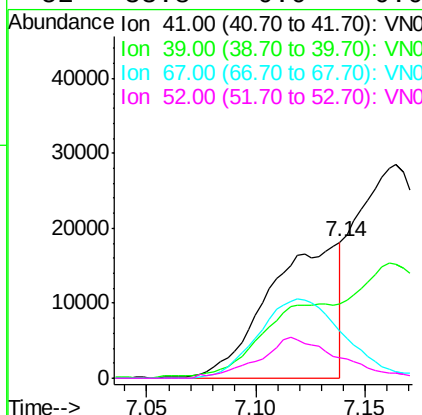
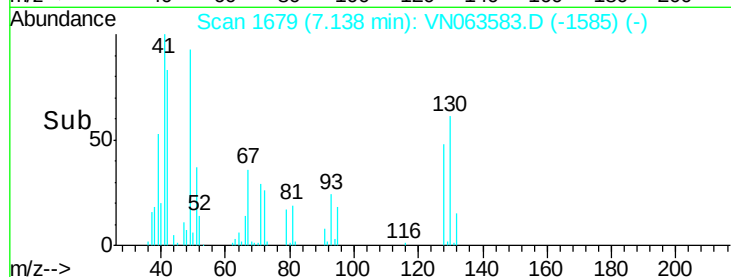
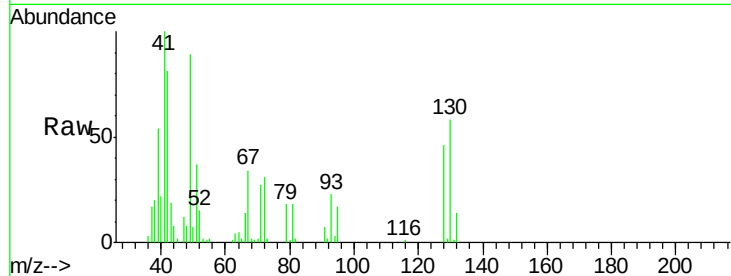
#41
Methacrylonitrile
Concen: 20.542 ug/l m
RT: 7.14 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VN063583.D
Acq: 23 Sep 2020 12:55

Instrument :
MSVOA_N
ClientSampleId :
VN0923WBS01

Tot Ion	41	Resp	41264
Ion	Ratio	Lower	Upper
41	100		
39	51.8	0.0	0.0#
67	70.2	0.0	0.0#
52	33.8	0.0	0.0#

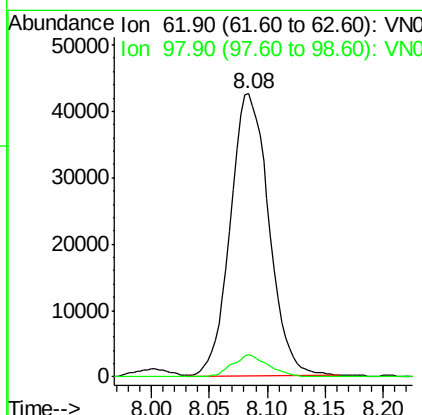
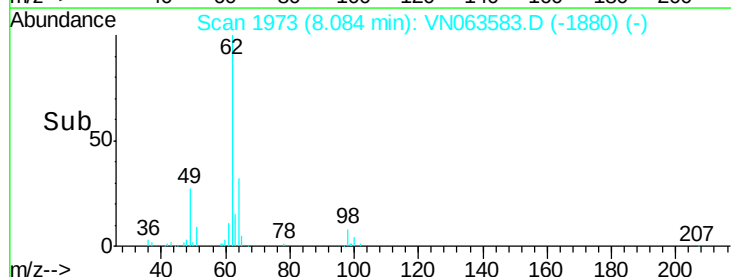
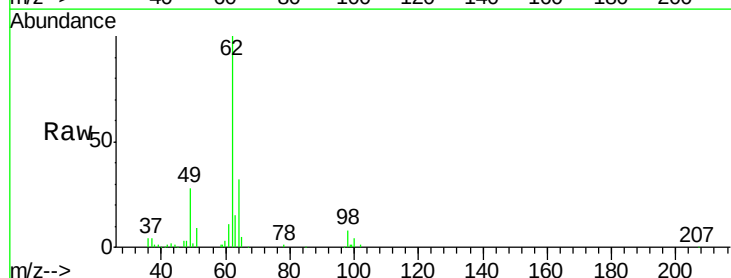
Manual Integrations
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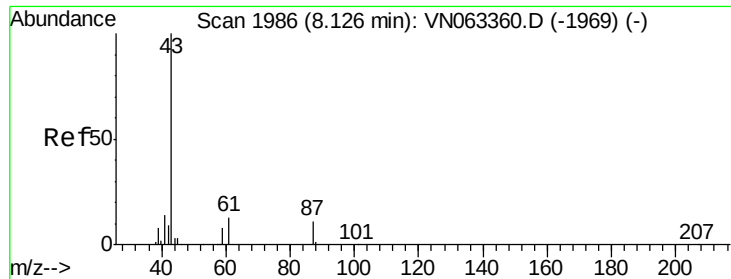
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#42
1,2-Dichloroethane
Concen: 18.811 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN063583.D
Acq: 23 Sep 2020 12:55

Tgt Ion	62	Resp	98268
Ion	Ratio	Lower	Upper
62	100		
98	7.3	0.0	15.6





#43

Isopropyl Acetate

Concen: 16.763 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN063583.D

Acq: 23 Sep 2020 12:55

Instrument :

MSVOA_N

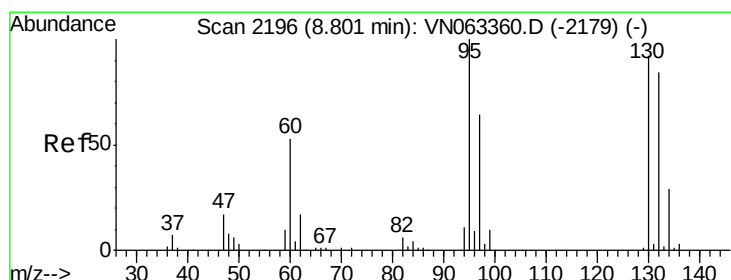
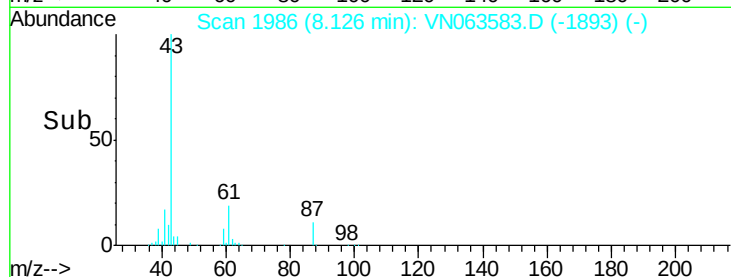
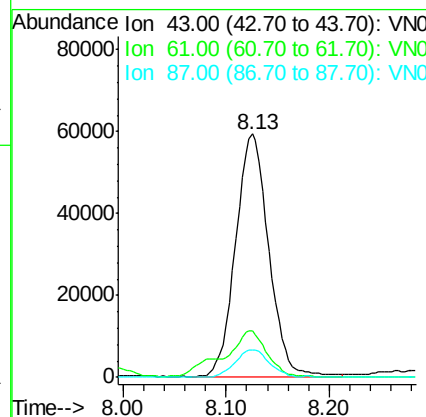
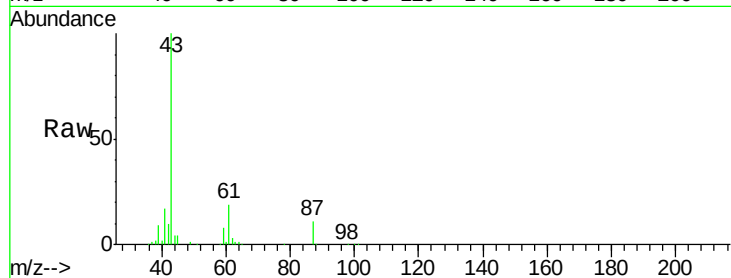
ClientSampleId :

VN0923WBS01

Tot Ion:	43	Resp:	133867
Ion	Ratio	Lower	Upper
43	100		
61	19.1	14.2	21.2
87	11.5	9.0	13.6

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#44

Trichloroethene

Concen: 18.957 ug/l

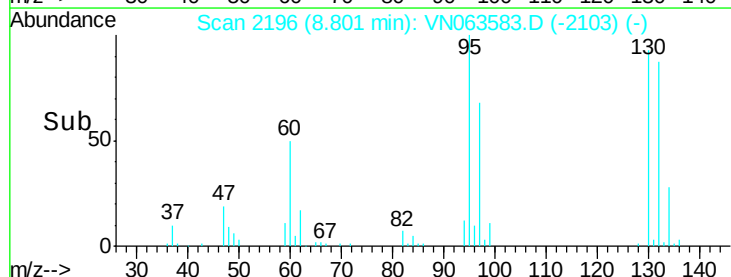
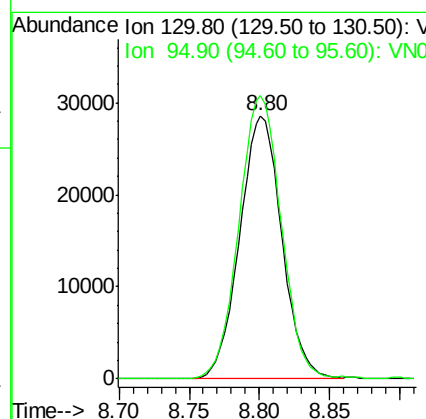
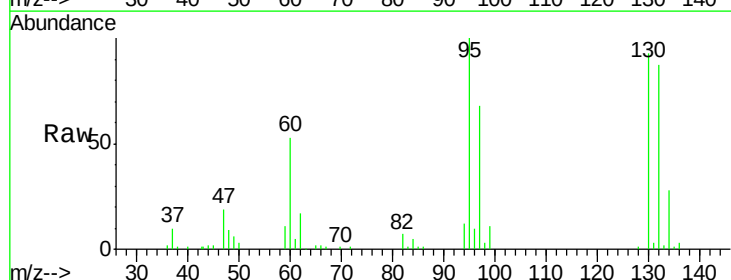
RT: 8.80 min Scan# 2196

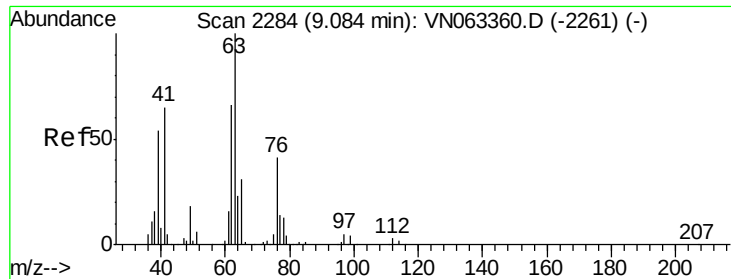
Delta R.T. -0.00 min

Lab File: VN063583.D

Acq: 23 Sep 2020 12:55

Tgt Ion:	130	Resp:	59728
Ion	Ratio	Lower	Upper
130	100		
95	107.6	0.0	217.4





#45

1,2-Dichloropropane

Concen: 18.610 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN063583.D

Acq: 23 Sep 2020 12:55

Instrument :

MSVOA_N

ClientSampleId :

VN0923WBS01

Tot Ion: 63 Resp: 65843

Ion Ratio Lower Upper

63 100

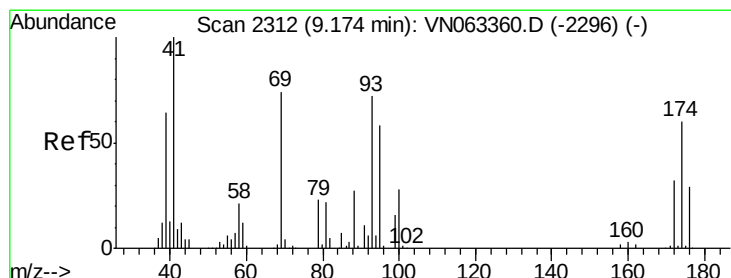
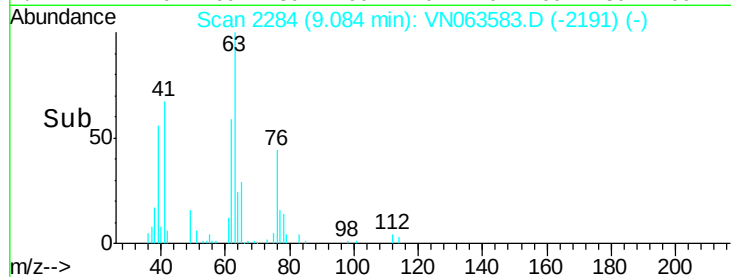
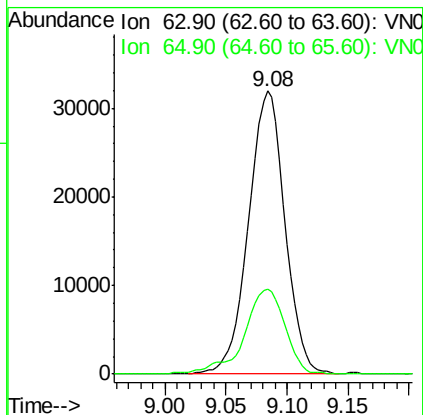
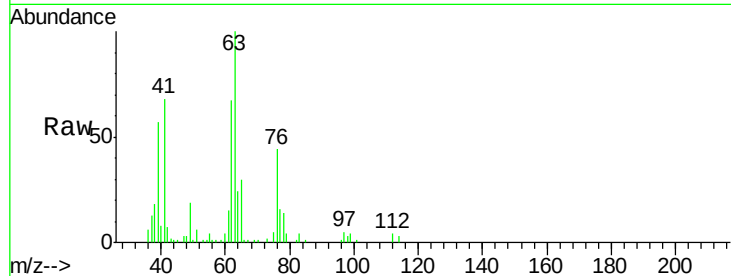
65 29.9 25.0 37.6

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#46

Dibromomethane

Concen: 18.828 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN063583.D

Acq: 23 Sep 2020 12:55

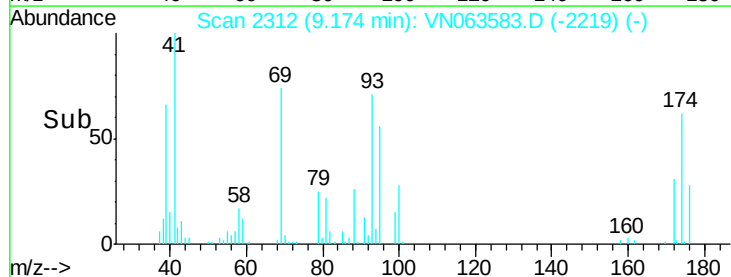
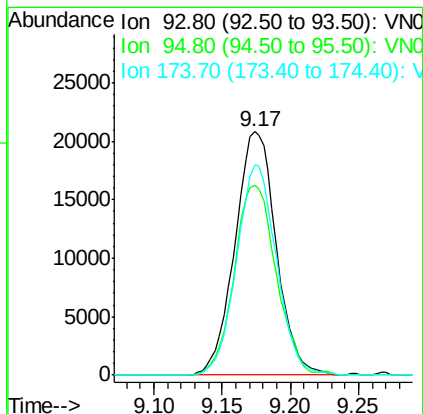
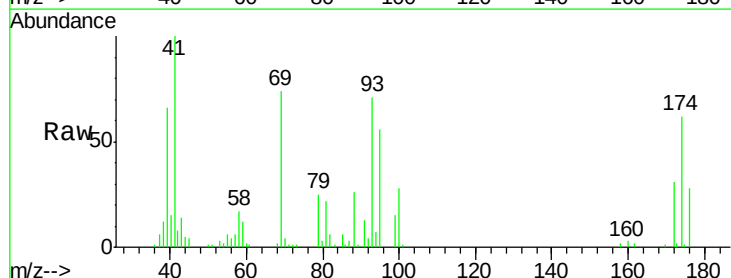
Tgt Ion: 93 Resp: 43781

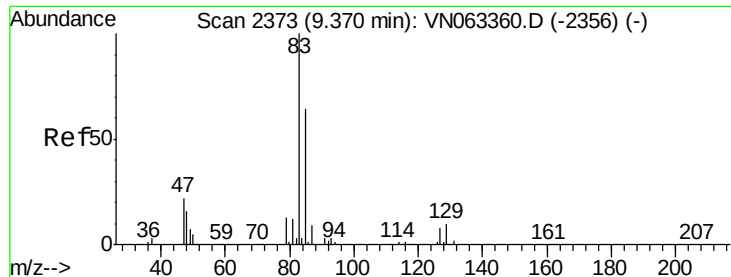
Ion Ratio Lower Upper

93 100

95 79.1 65.6 98.4

174 83.4 68.1 102.1





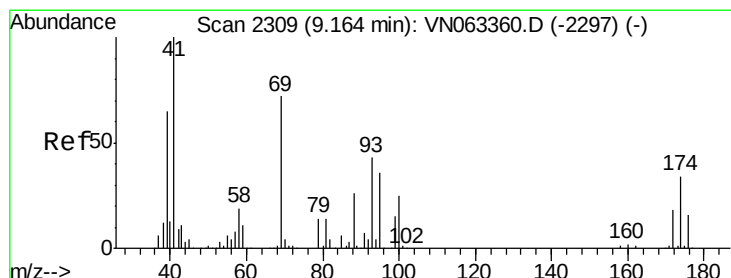
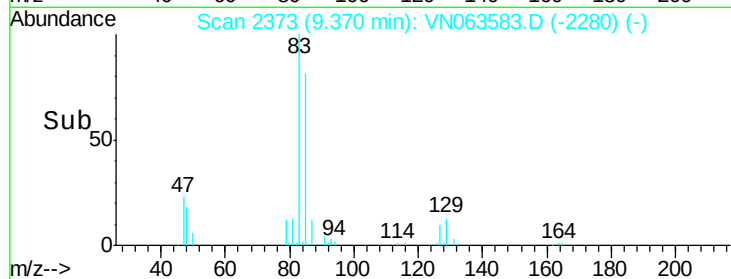
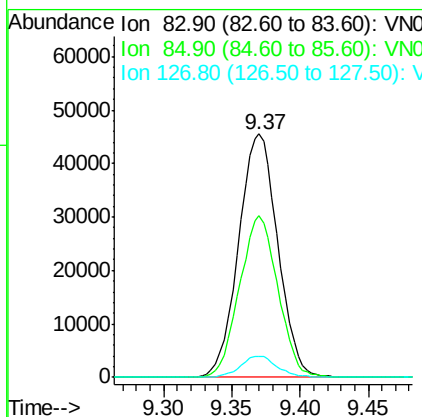
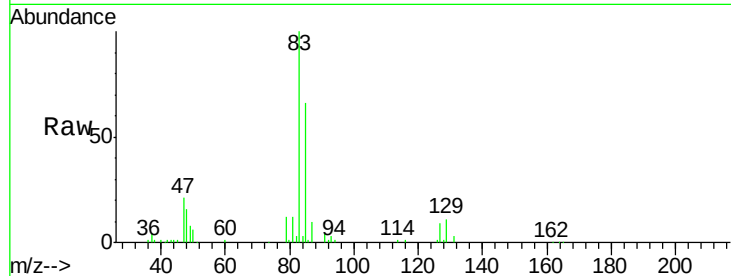
#47
Bromodichloromethane
Concen: 18.775 ug/l
RT: 9.37 min Scan# 2373
Delta R.T. -0.00 min
Lab File: VN063583.D
Acq: 23 Sep 2020 12:55

Instrument :
MSVOA_N
ClientSampleId :
VN0923WBS01

Tot Ion	83	Resp	90701
Ion Ratio	100	Lower	Upper
83	100		
85	66.4	51.0	76.6
127	8.5	6.3	9.5

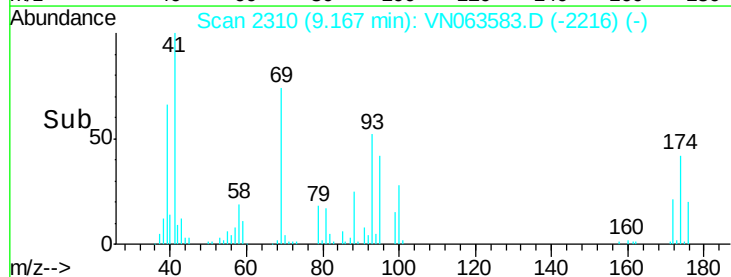
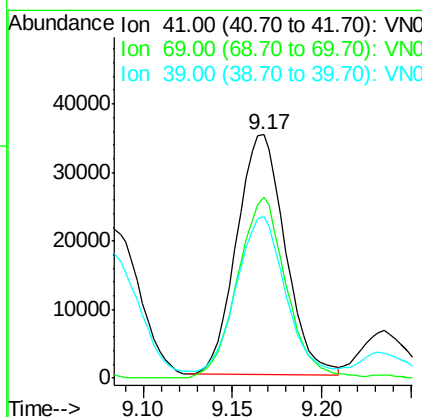
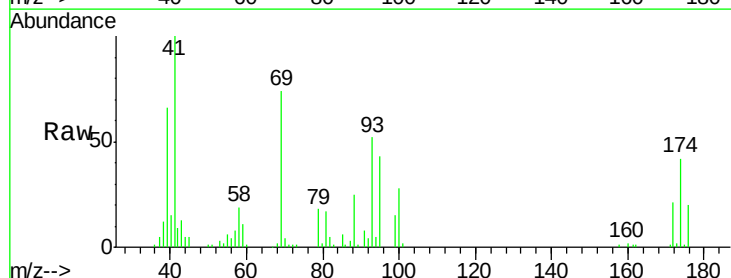
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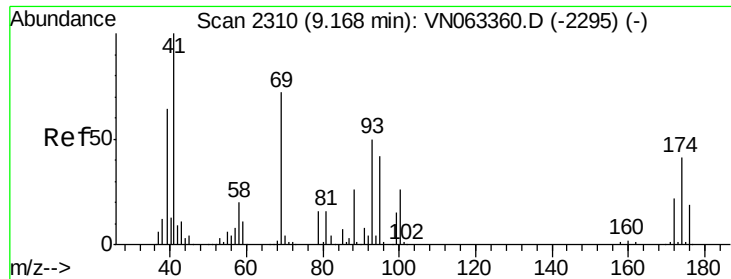
MMDadoda
9/24/2020 1:37:47 PM



#48
Methyl methacrylate
Concen: 17.037 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN063583.D
Acq: 23 Sep 2020 12:55

Tgt Ion	41	Resp	66844
Ion Ratio	100	Lower	Upper
41	100		
69	75.0	59.3	88.9
39	64.2	52.9	79.3





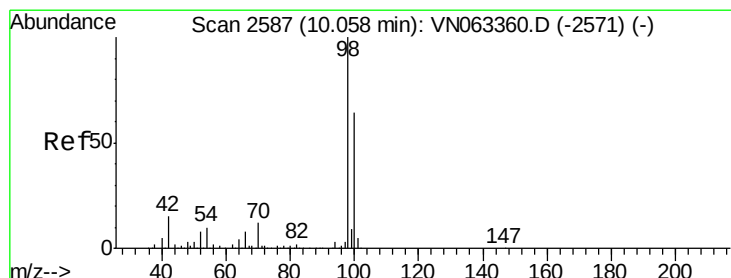
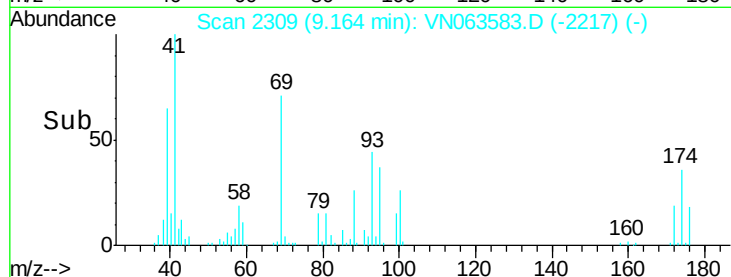
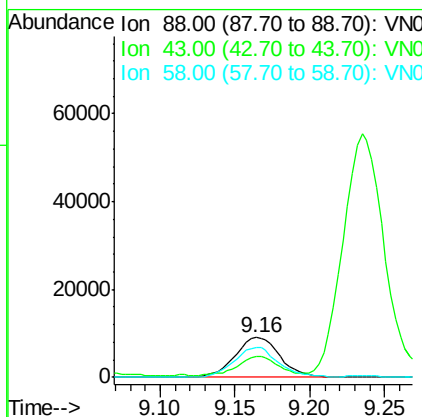
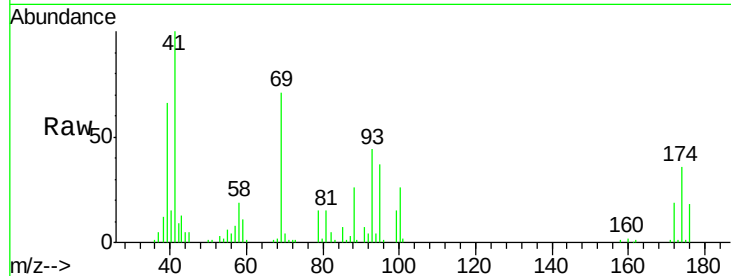
#49
 1,4-Dioxane
 Concen: 337.232 ug/l
 RT: 9.16 min Scan# 2309
 Delta R.T. -0.00 min
 Lab File: VN063583.D
 Acq: 23 Sep 2020 12:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0923WBS01

Tot Ion	88	Resp	18988
Ion Ratio	Lower	Upper	
88	100		
43	43.3	32.6	49.0
58	73.7	60.0	90.0

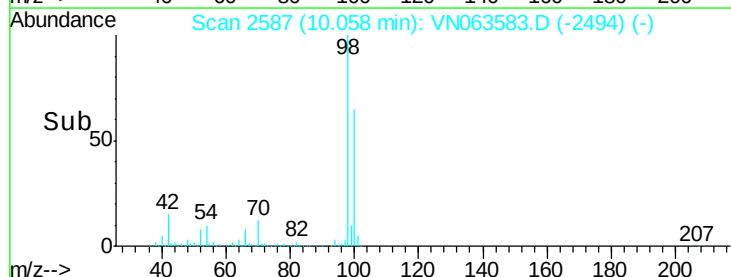
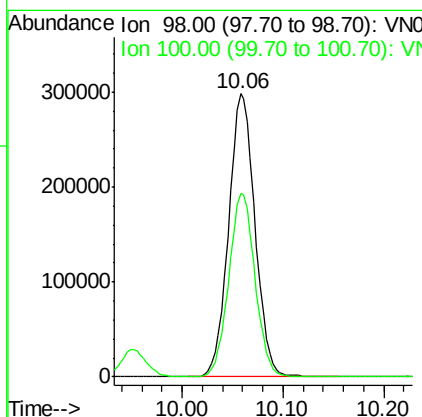
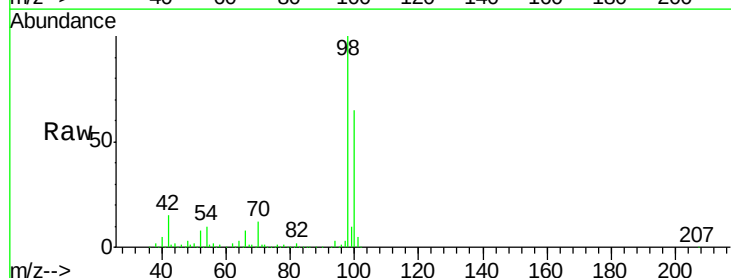
Manual Integrations
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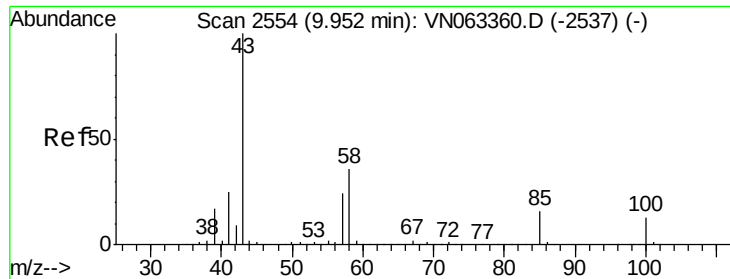
MMDadoda
 9/24/2020 1:37:47 PM



#50
 Toluene-d8
 Concen: 48.908 ug/l
 RT: 10.06 min Scan# 2587
 Delta R.T. -0.00 min
 Lab File: VN063583.D
 Acq: 23 Sep 2020 12:55

Tgt Ion	98	Resp	543804
Ion Ratio	Lower	Upper	
98	100		
100	64.1	50.7	76.1





#51

4-Methyl-2-Pentanone

Concen: 91.175 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN063583.D

Acq: 23 Sep 2020 12:55

Instrument :

MSVOA_N

ClientSampleId :

VN0923WBS01

Tot Ion: 43 Resp: 407627

Ion Ratio Lower Upper

43 100

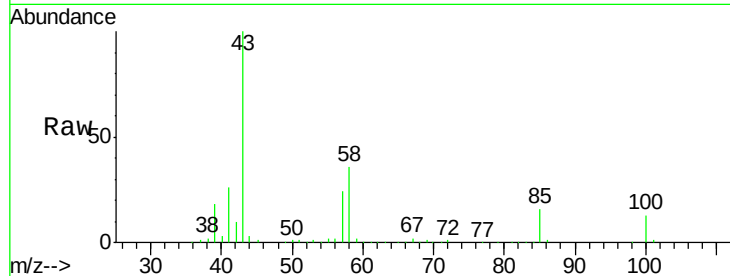
58 35.4 29.0 43.6

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

9.95

200000

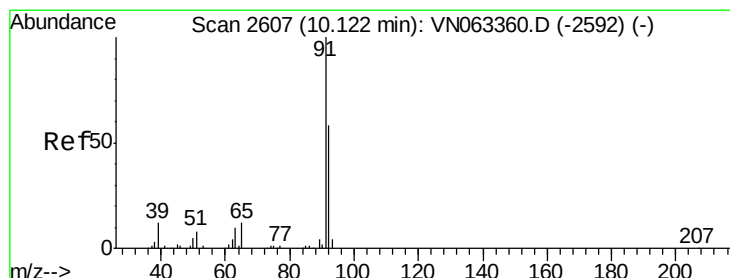
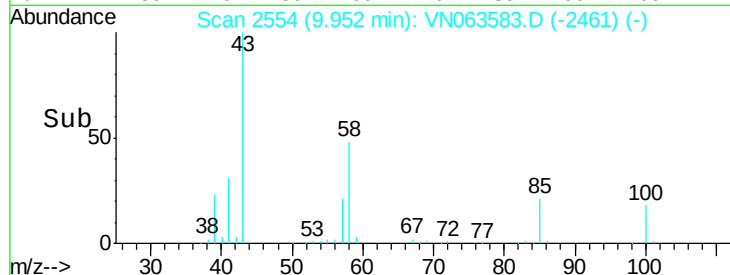
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 18.900 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063583.D

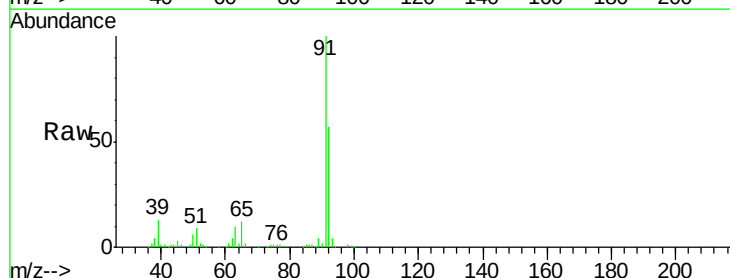
Acq: 23 Sep 2020 12:55

Tgt Ion: 92 Resp: 147613

Ion Ratio Lower Upper

92 100

91 179.4 139.7 209.5



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

10.13

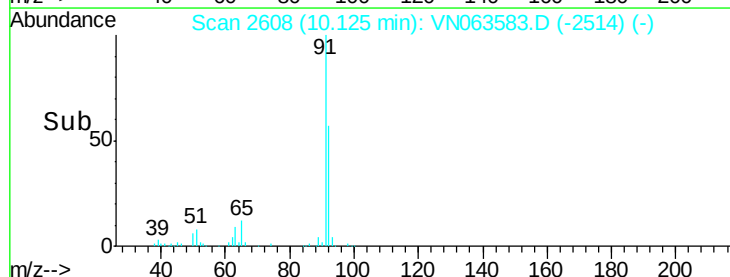
150000

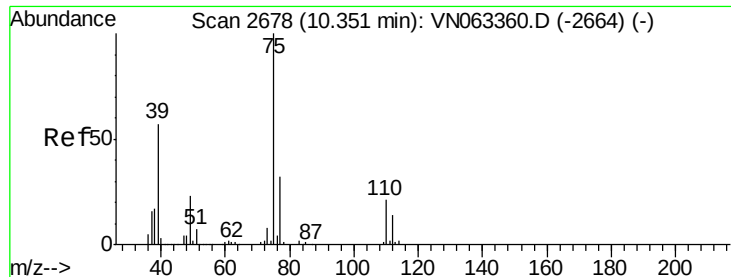
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 17.483 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN063583.D

Acq: 23 Sep 2020 12:55

Instrument :

MSVOA_N

ClientSampleId :

VN0923WBS01

Tot Ion: 75 Resp: 94289

Ion Ratio Lower Upper

75 100

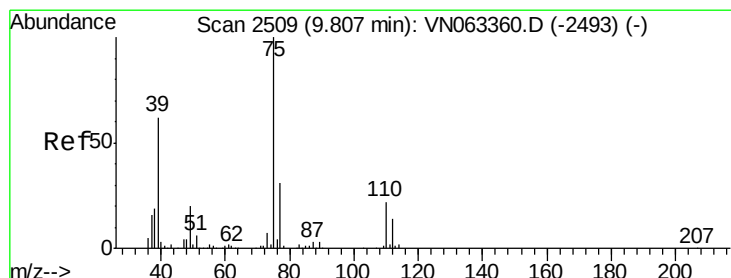
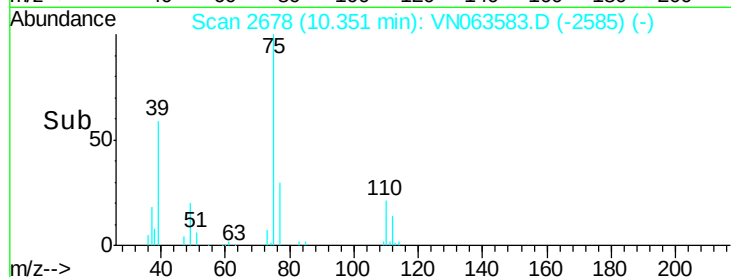
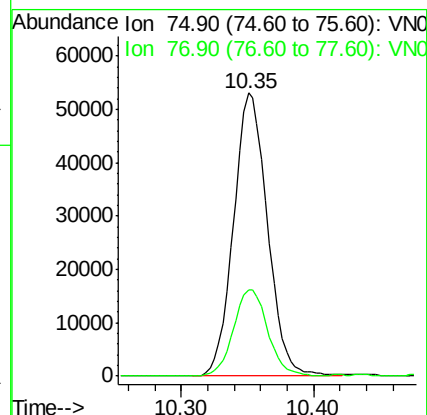
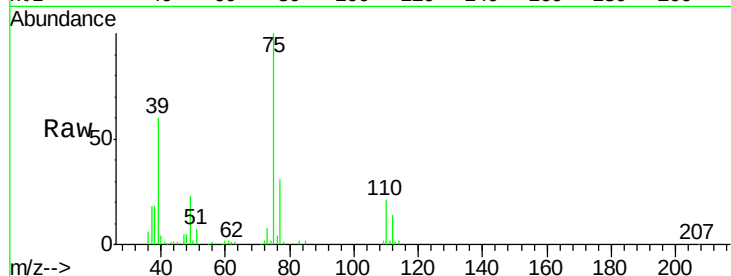
77 30.7 25.4 38.2

Manual Integrations

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9/24/2020 1:37:47 PM



#54

cis-1,3-Dichloropropene

Concen: 18.035 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN063583.D

Acq: 23 Sep 2020 12:55

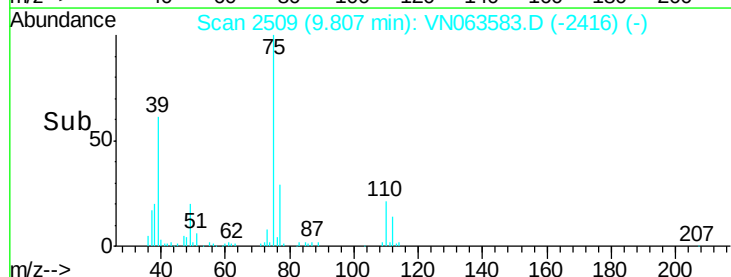
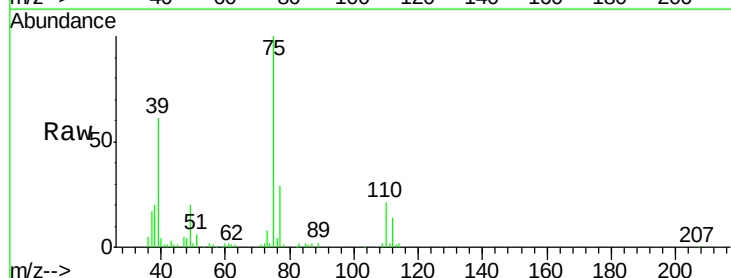
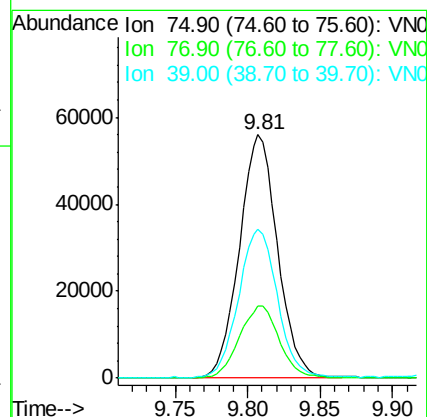
Tgt Ion: 75 Resp: 102595

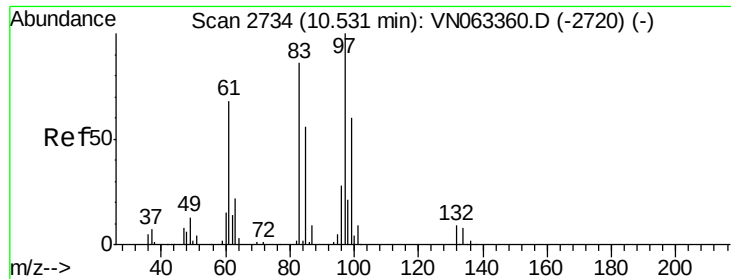
Ion Ratio Lower Upper

75 100

77 29.4 24.6 37.0

39 60.7 49.8 74.8





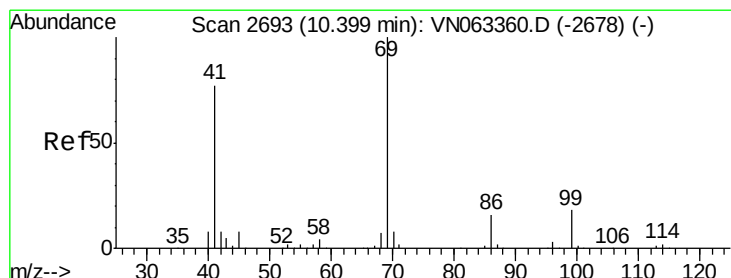
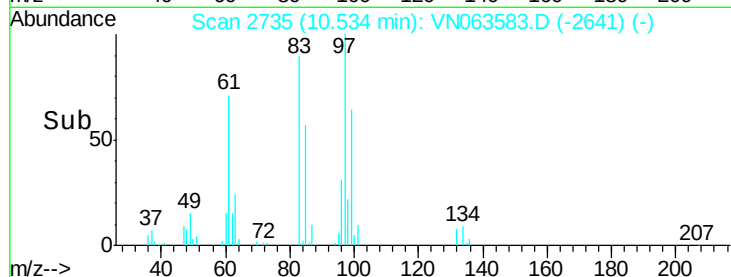
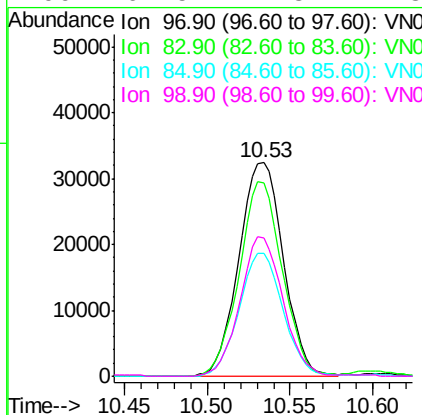
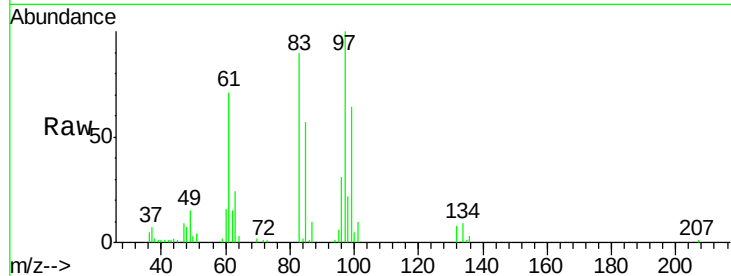
#55
 1,1,2-Trichloroethane
 Concen: 19.496 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN063583.D
 Acq: 23 Sep 2020 12:55

Instrument :
 MSVOA_N
 ClientSampled :
 VN0923WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		60482		
83	90.4	68.9	103.3		
85	57.5	44.8	67.2		
99	64.5	47.8	71.8		

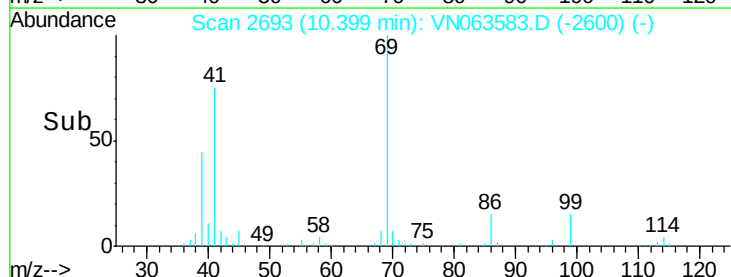
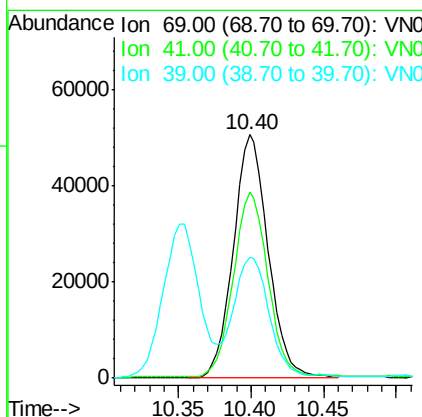
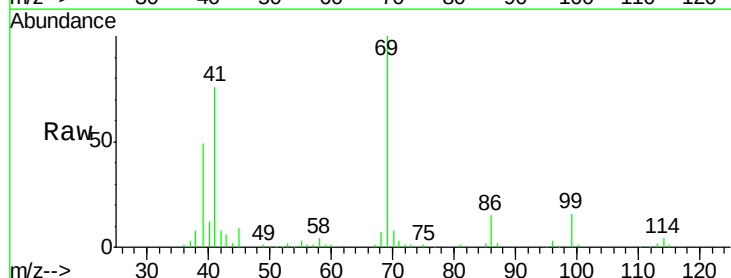
Manual Integrations
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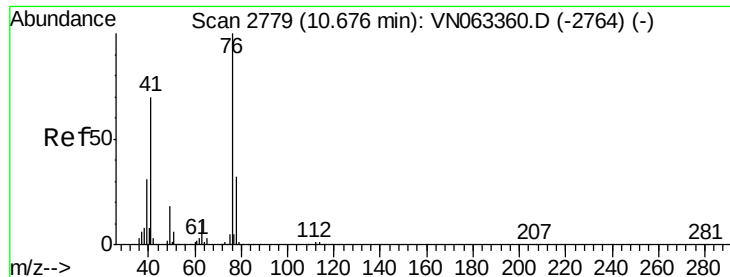
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#56
 Ethyl methacrylate
 Concen: 17.444 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. -0.00 min
 Lab File: VN063583.D
 Acq: 23 Sep 2020 12:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		84479		
41	74.8	61.0	91.6		
39	49.0	39.2	58.8		





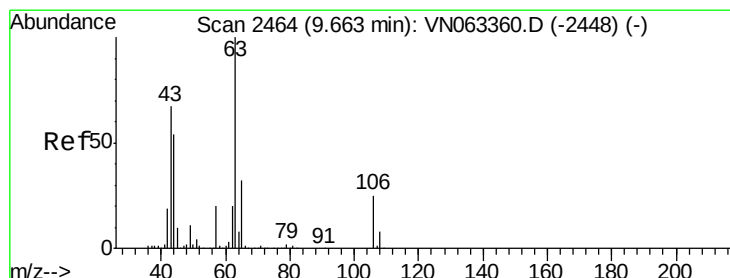
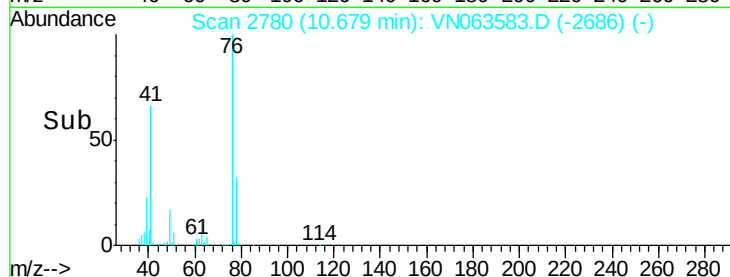
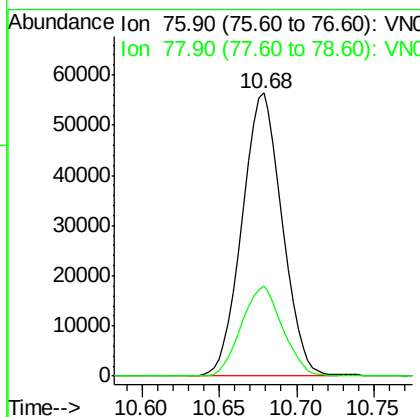
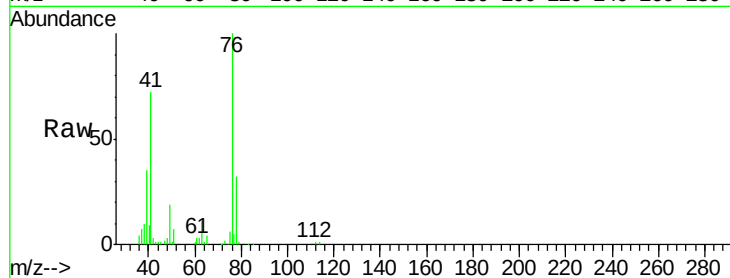
#57
 1,3-Dichloropropane
 Concen: 18.200 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. 0.00 min
 Lab File: VN063583.D
 Acq: 23 Sep 2020 12:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0923WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.6	25.8	38.8

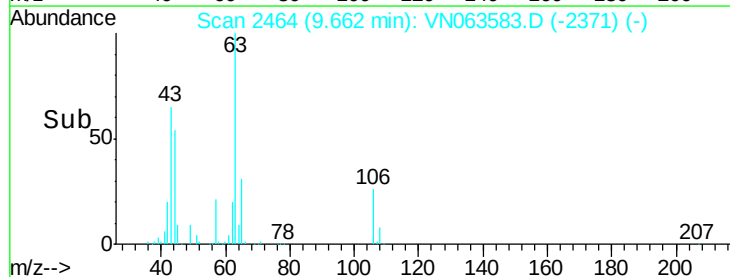
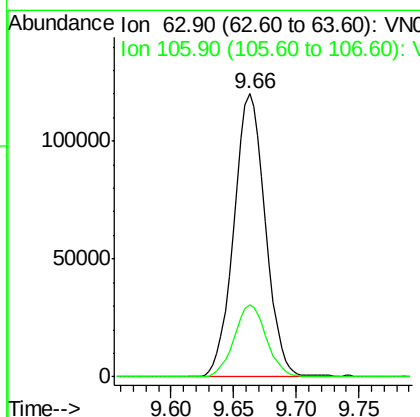
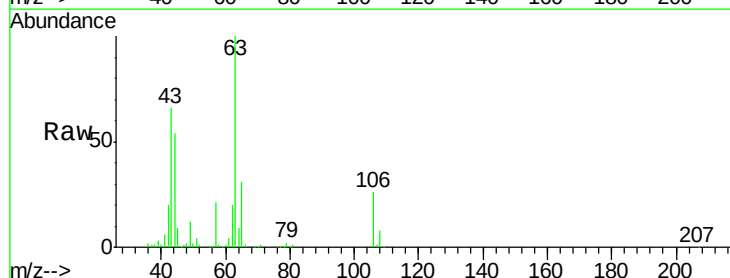
Manual Integrations
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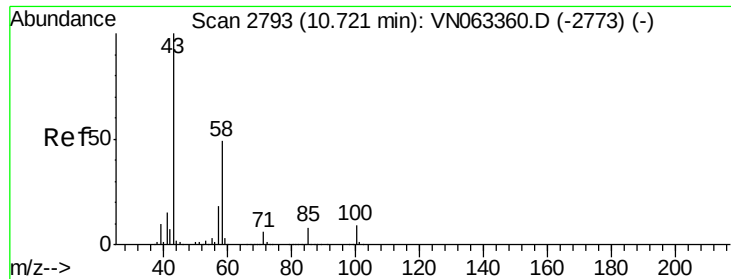
MMDadoda
 9/24/2020 1:37:47 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 82.576 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. -0.00 min
 Lab File: VN063583.D
 Acq: 23 Sep 2020 12:55

Tgt Ion	Ratio	Lower	Upper
63	100		
106	25.9	19.5	29.3





#59

2-Hexanone

Concen: 89.505 ug/l

RT: 10.72 min Scan# 2794

Delta R.T. 0.00 min

Lab File: VN063583.D

Acq: 23 Sep 2020 12:55

Instrument :

MSVOA_N

ClientSampleId :

VN0923WBS01

Tot Ion: 43 Resp: 289905

Ion Ratio Lower Upper

43 100

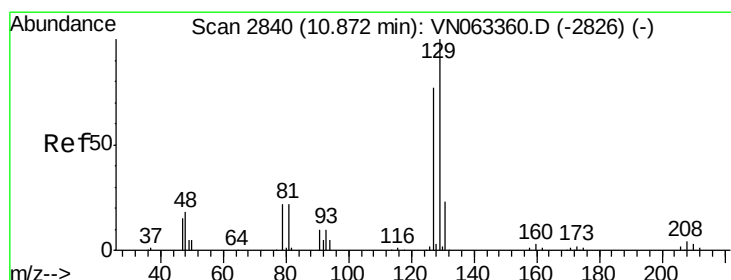
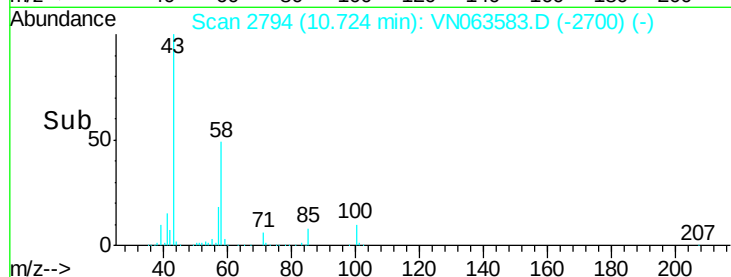
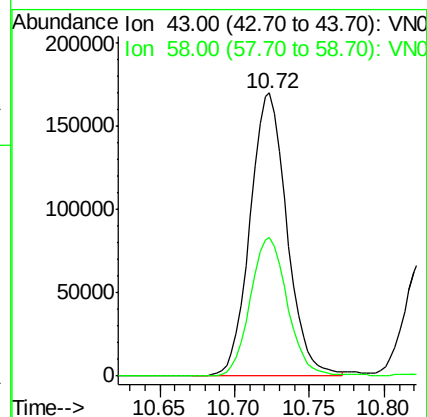
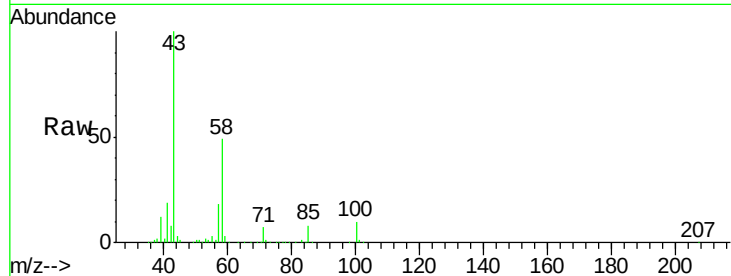
58 49.8 24.7 74.1

Manual Integrations

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9/24/2020 1:37:47 PM



#60

Dibromochloromethane

Concen: 18.066 ug/l

RT: 10.87 min Scan# 2840

Delta R.T. -0.00 min

Lab File: VN063583.D

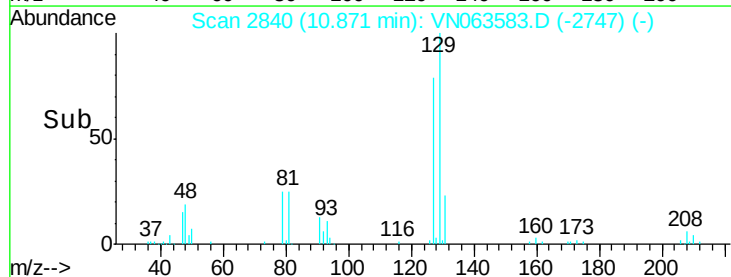
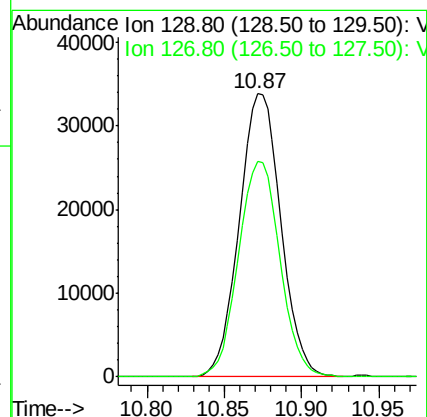
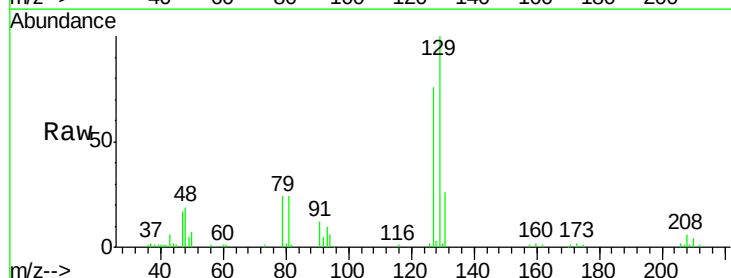
Acq: 23 Sep 2020 12:55

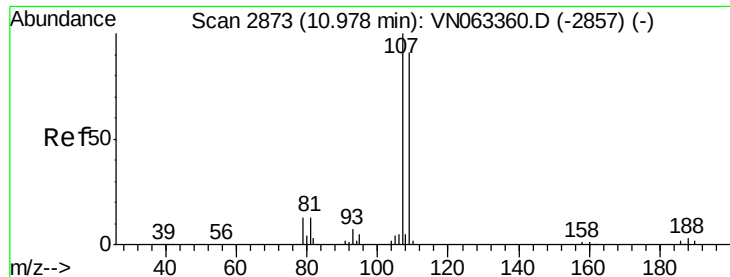
Tgt Ion: 129 Resp: 63316

Ion Ratio Lower Upper

129 100

127 75.9 39.1 117.3





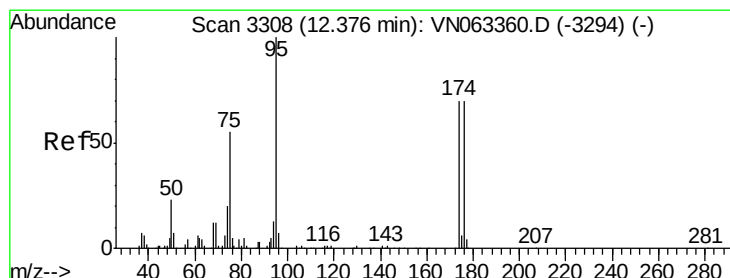
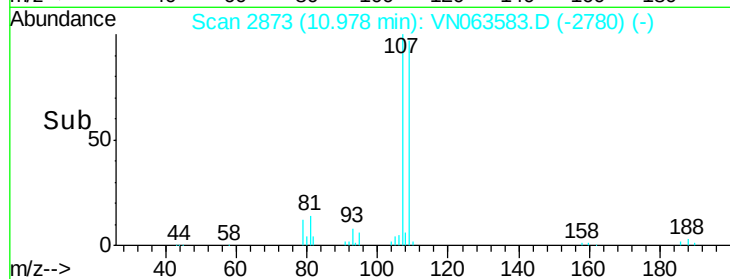
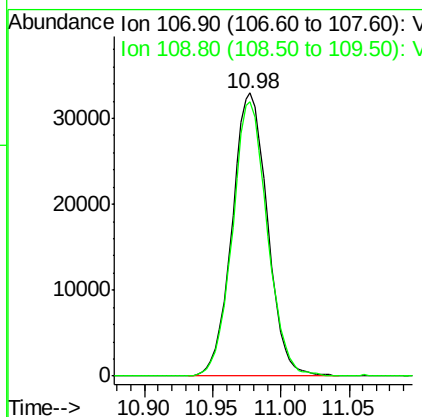
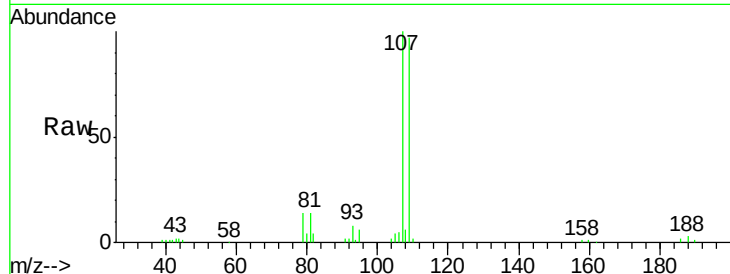
#61
 1,2-Dibromoethane
 Concen: 18.377 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. -0.00 min
 Lab File: VN063583.D
 Acq: 23 Sep 2020 12:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0923WBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.6	74.6	111.8

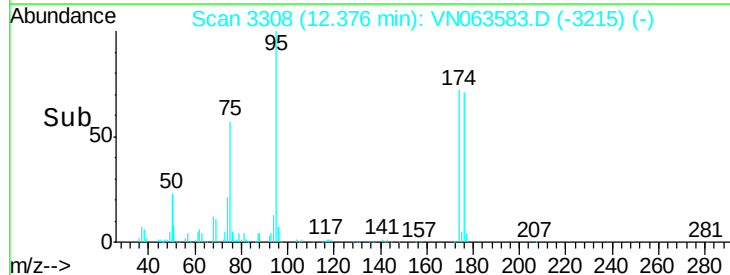
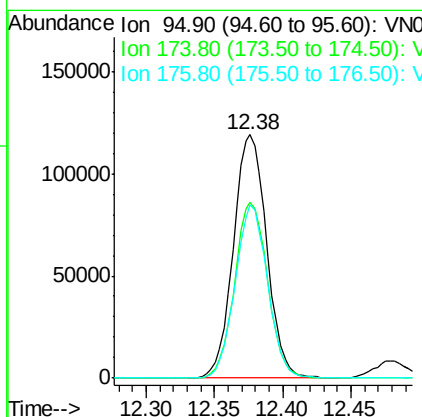
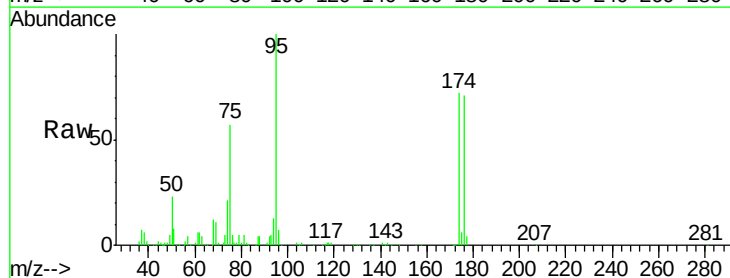
Manual Integrations
 APPROVED

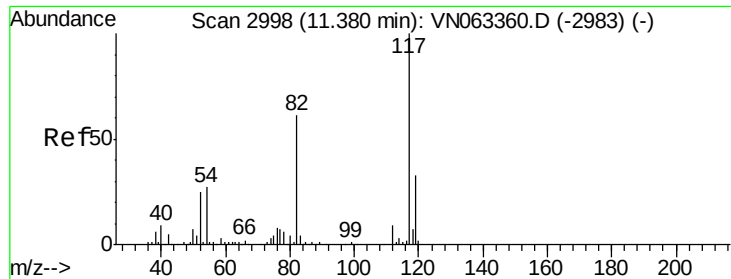
MMDadoda
 9/24/2020 1:37:47 PM



#62
 4-Bromofluorobenzene
 Concen: 49.414 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. -0.00 min
 Lab File: VN063583.D
 Acq: 23 Sep 2020 12:55

Tgt Ion	Ratio	Lower	Upper
95	100		
174	71.9	0.0	140.8
176	69.7	0.0	137.6





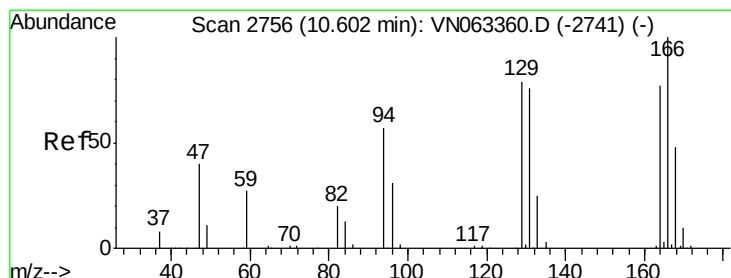
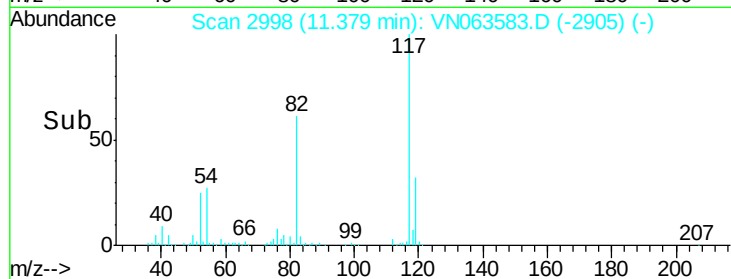
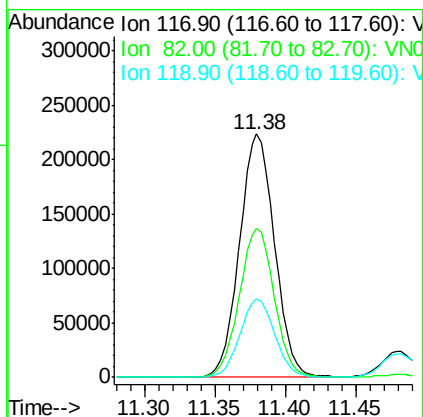
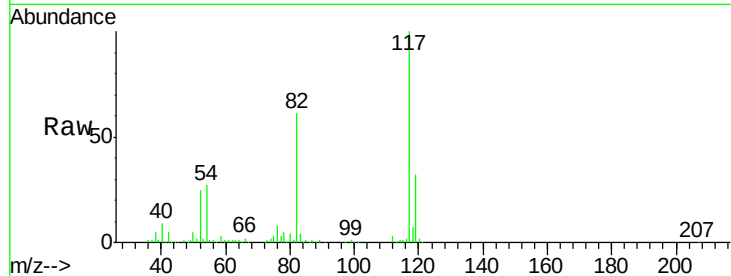
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063583.D
Acq: 23 Sep 2020 12:55

Instrument :
MSVOA_N
ClientSampleId :
VN0923WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	389821		
82	61.4	49.2	73.8	
119	32.3	26.2	39.4	

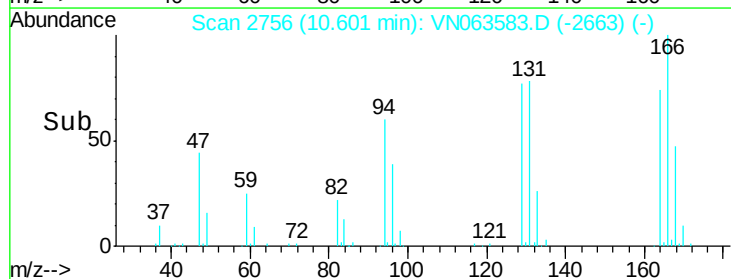
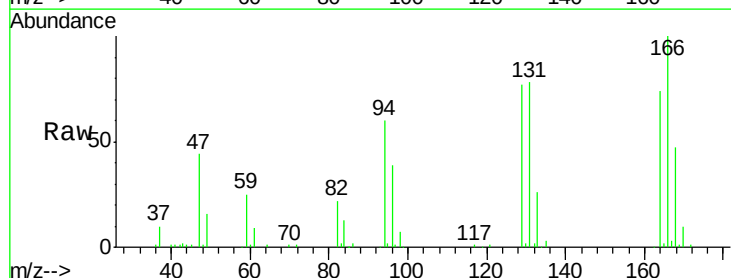
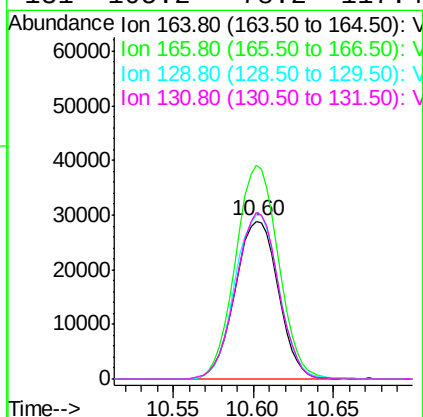
Manual Integrations
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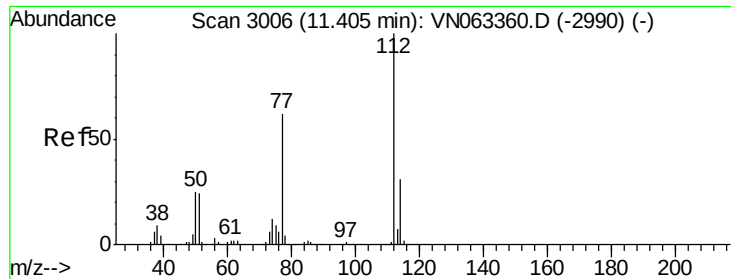
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#64
Tetrachloroethene
Concen: 20.098 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN063583.D
Acq: 23 Sep 2020 12:55

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	53347		
166	135.5	103.4	155.0	
129	104.1	81.8	122.6	
131	105.2	78.2	117.4	





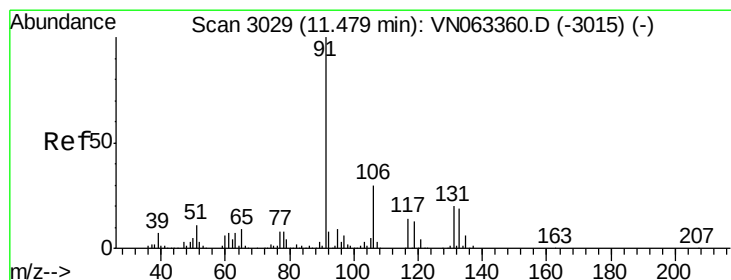
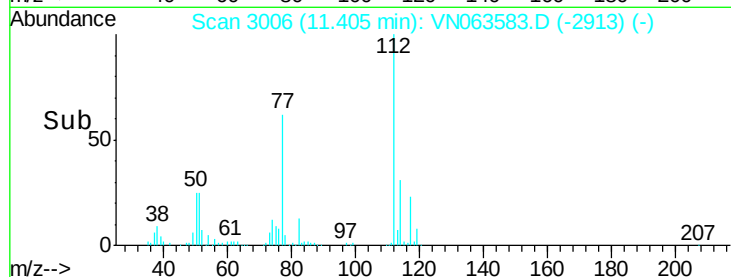
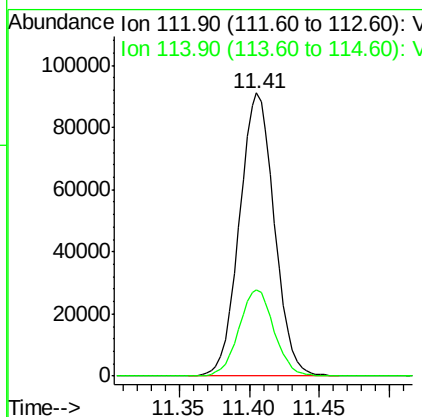
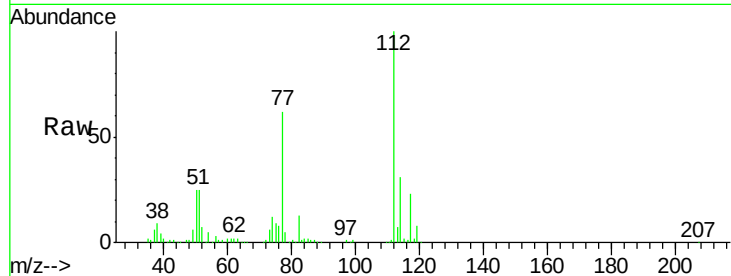
#65
Chlorobenzene
Concen: 19.108 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN063583.D
Acq: 23 Sep 2020 12:55

Instrument :
MSVOA_N
ClientSampleId :
VN0923WBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	30.6	25.0	37.6

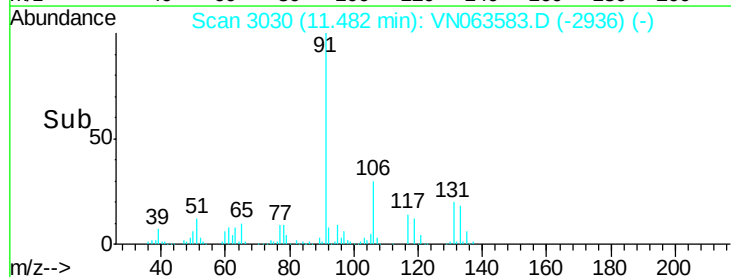
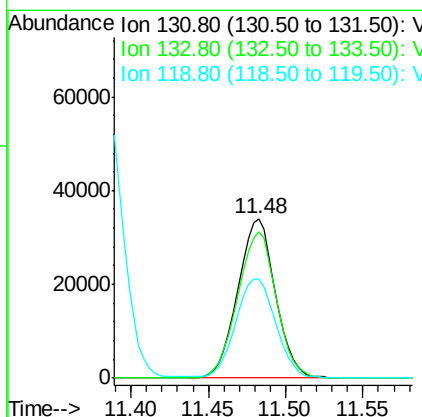
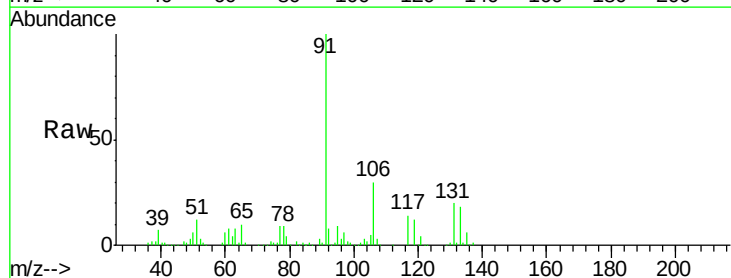
Manual Integrations
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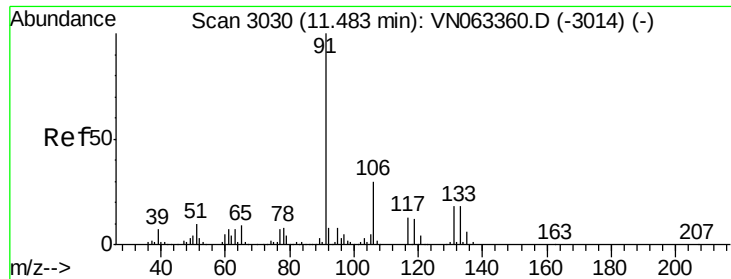
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.980 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN063583.D
Acq: 23 Sep 2020 12:55

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.1	47.3	141.9
119	66.3	33.6	100.8





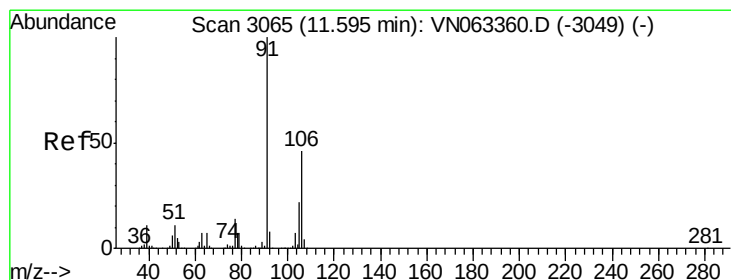
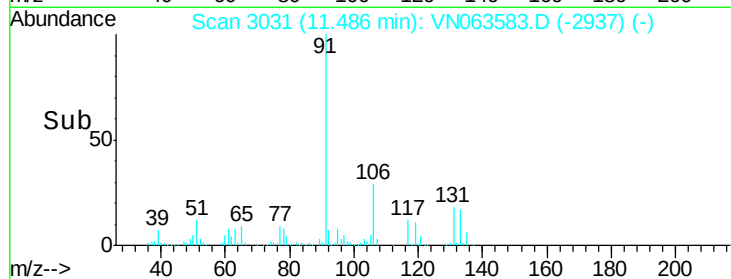
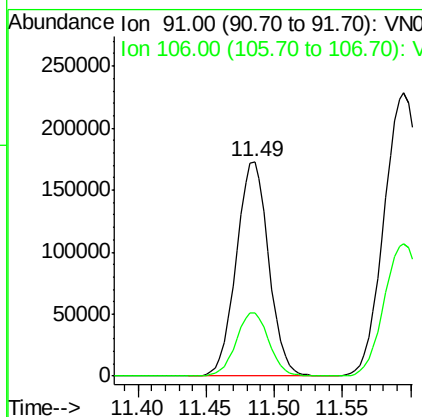
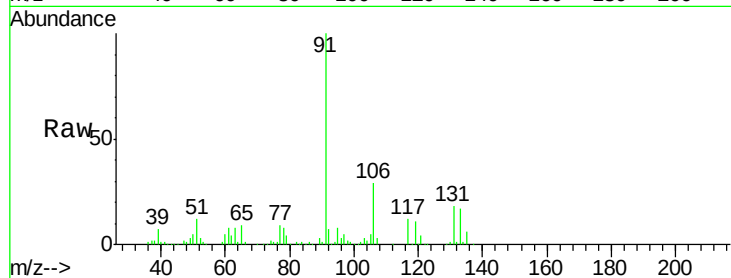
#67
Ethyl Benzene
Concen: 18.336 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. 0.00 min
Lab File: VN063583.D
Acq: 23 Sep 2020 12:55

Instrument :
MSVOA_N
ClientSampleId :
VN0923WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100		285731		
106	29.4		23.8	35.6	

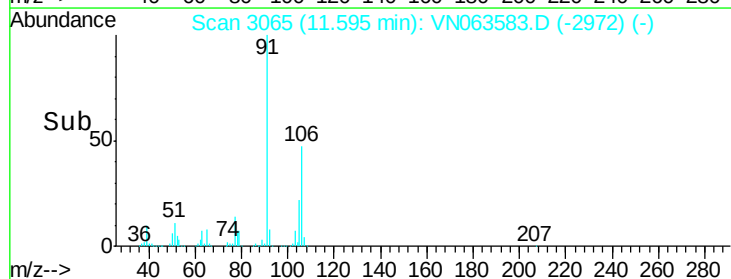
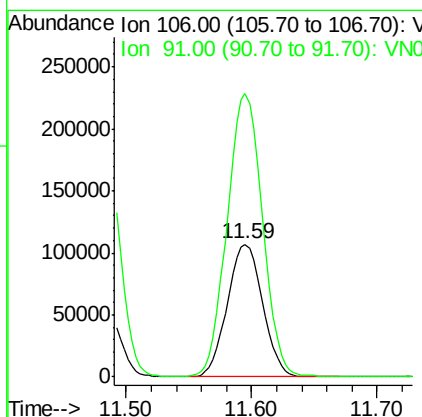
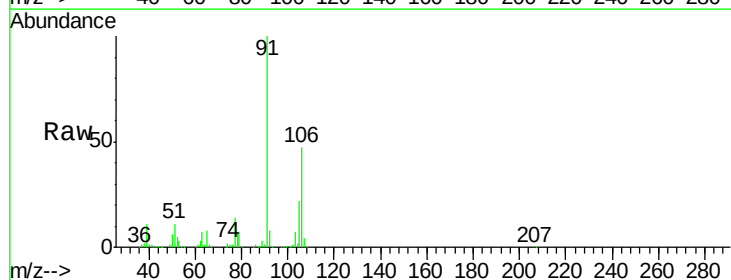
Manual Integrations
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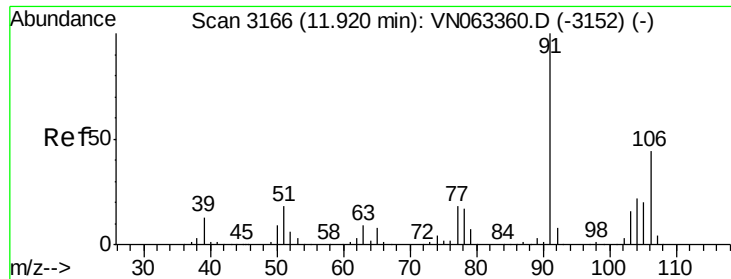
MMDadoda
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#68
m/p-Xylenes
Concen: 37.240 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN063583.D
Acq: 23 Sep 2020 12:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
106	100		209232		
91	213.2		171.2	256.8	





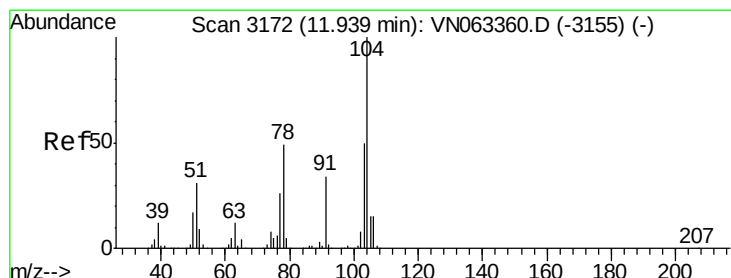
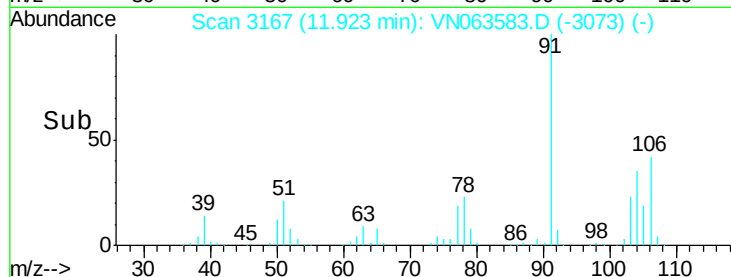
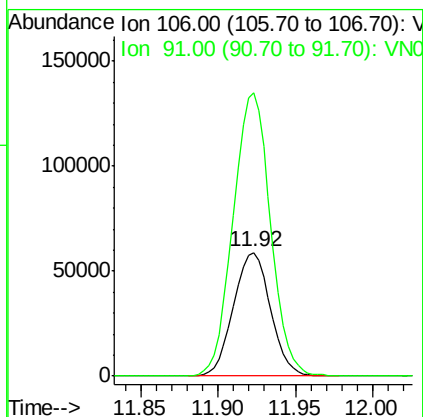
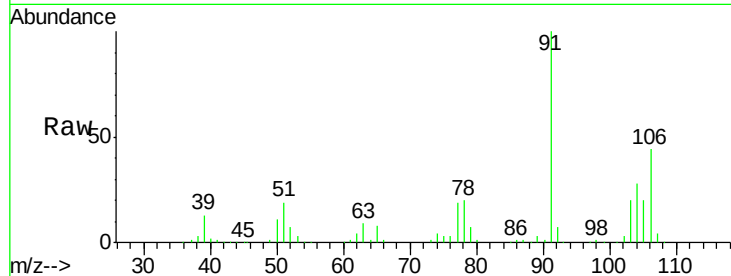
#69
o-Xylene
Concen: 18.354 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063583.D
Acq: 23 Sep 2020 12:55

Instrument :
MSVOA_N
ClientSampleId :
VN0923WBS01

Tot Ion:106 Resp: 98232
Ion Ratio Lower Upper
106 100
91 230.6 113.6 340.8

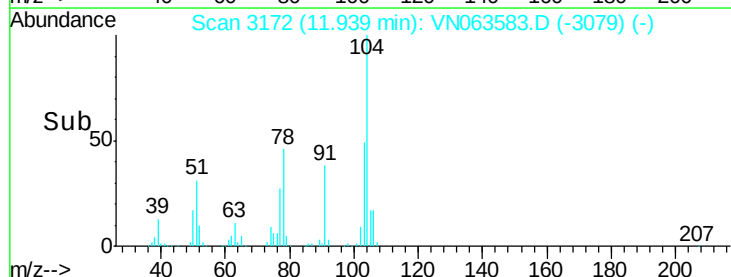
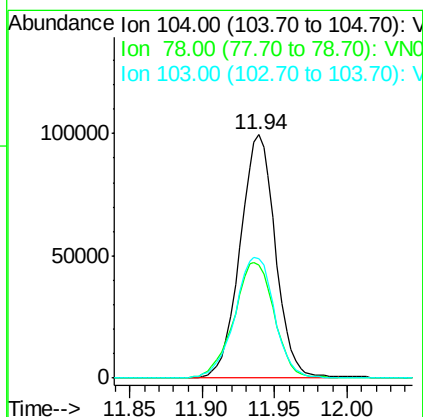
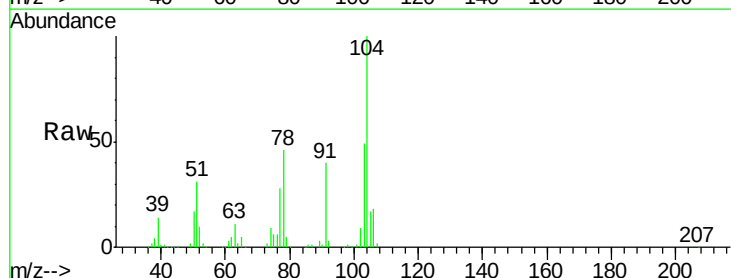
Manual Integrations
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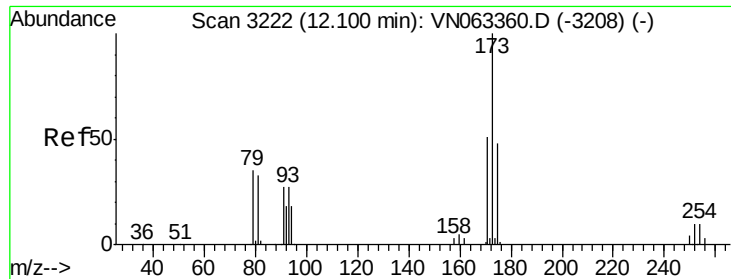
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#70
Styrene
Concen: 18.790 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. -0.00 min
Lab File: VN063583.D
Acq: 23 Sep 2020 12:55

Tgt Ion:104 Resp: 168647
Ion Ratio Lower Upper
104 100
78 54.4 44.4 66.6
103 55.7 43.7 65.5





#71

Bromoform

Concen: 17.925 ug/l

RT: 12.10 min Scan# 3223

Delta R.T. 0.00 min

Lab File: VN063583.D

Acq: 23 Sep 2020 12:55

Instrument :

MSVOA_N

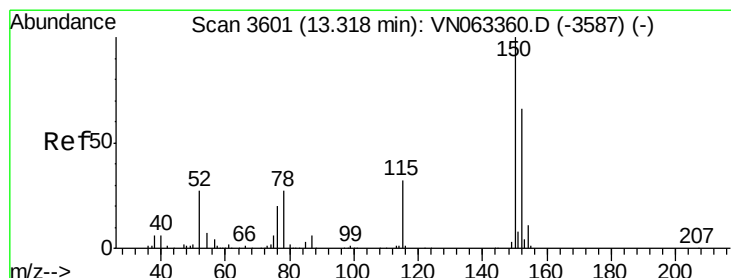
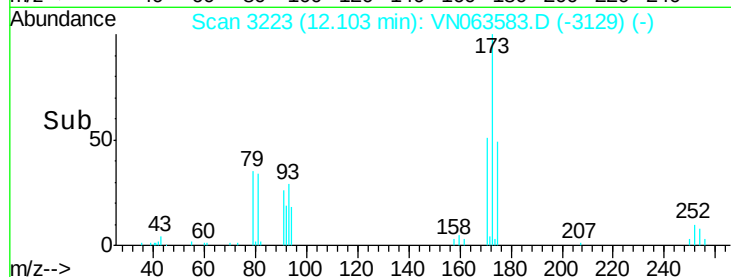
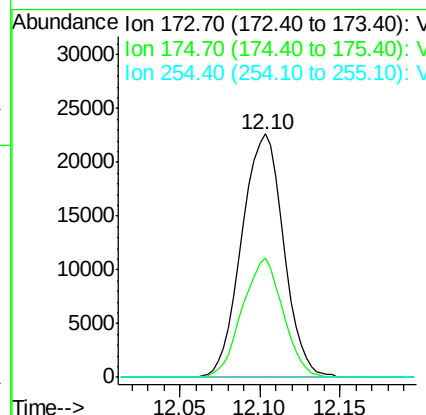
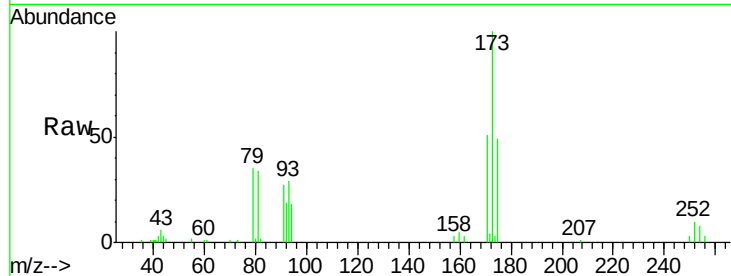
ClientSampleId :

VN0923WBS01

Tot Ion:	173	Resp:	40505
Ion Ratio	Lower	Upper	
173	100		
175	47.5	24.0	72.0
254	0.0	0.0	0.0

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

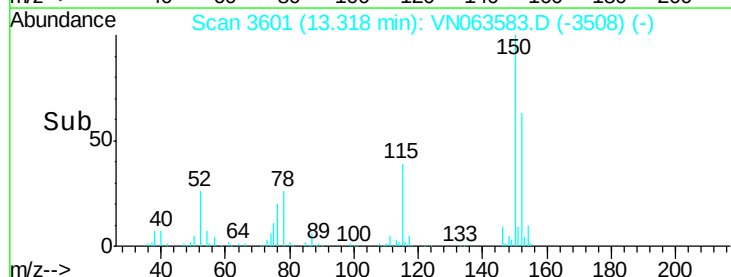
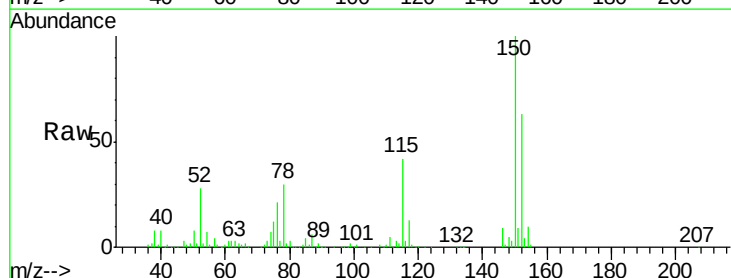
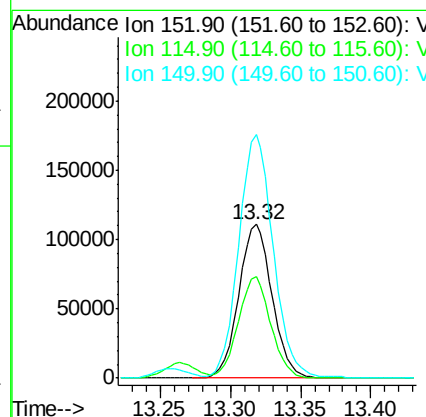
RT: 13.32 min Scan# 3601

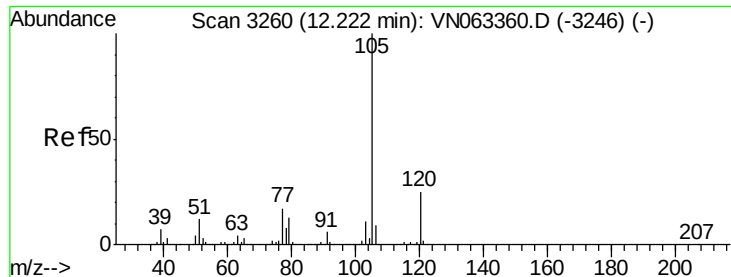
Delta R.T. -0.00 min

Lab File: VN063583.D

Acq: 23 Sep 2020 12:55

Tgt Ion:	152	Resp:	183357
Ion Ratio	Lower	Upper	
152	100		
115	64.3	32.2	96.6
150	163.5	0.0	343.4





#73

Isopropylbenzene

Concen: 18.345 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN063583.D

Acq: 23 Sep 2020 12:55

Instrument :

MSVOA_N

ClientSampleId :

VN0923WBS01

Tot Ion: 105 Resp: 269546

Ion Ratio Lower Upper

105 100

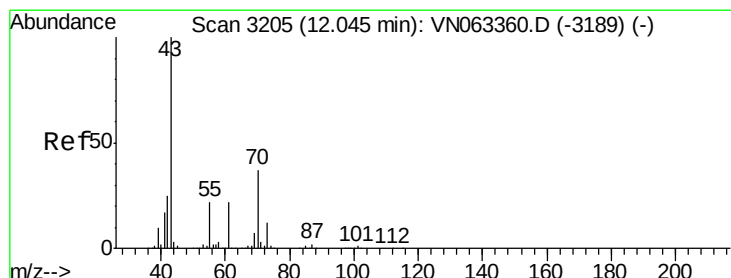
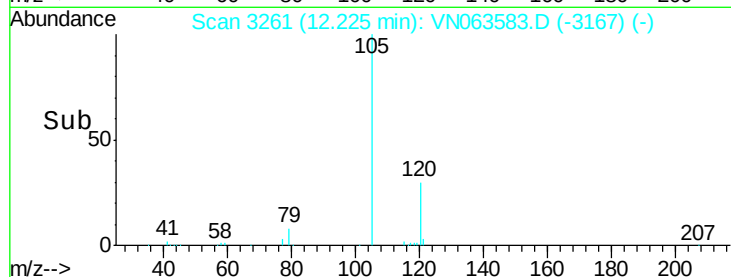
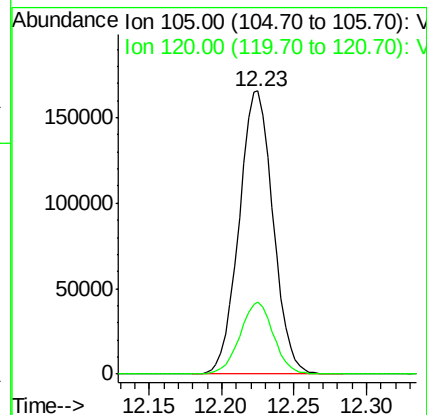
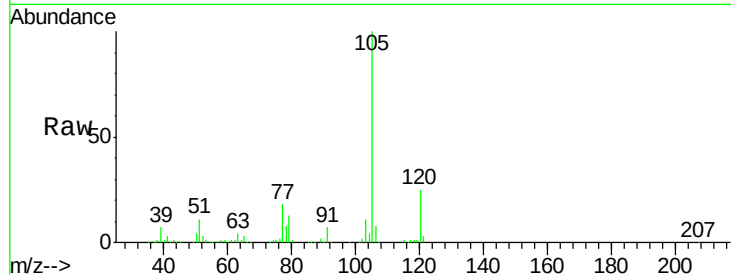
120 25.1 12.7 38.0

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#74

N-ethyl acetate

Concen: 16.469 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. -0.00 min

Lab File: VN063583.D

Acq: 23 Sep 2020 12:55

Tgt Ion: 43 Resp: 114548

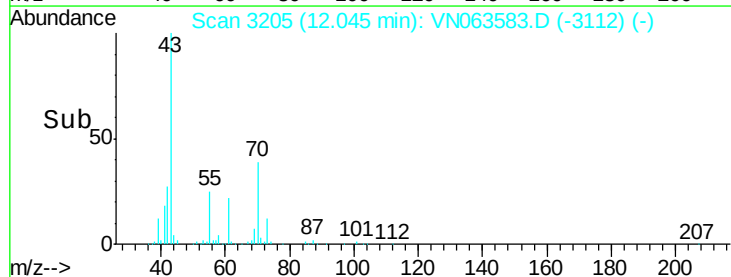
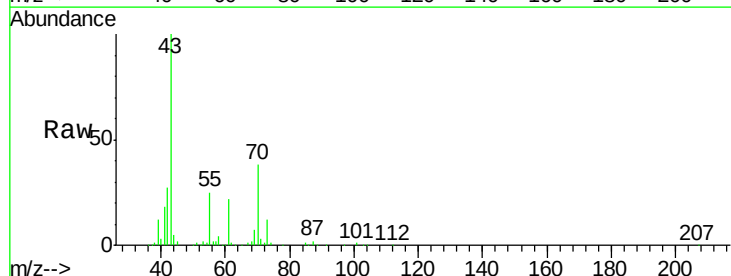
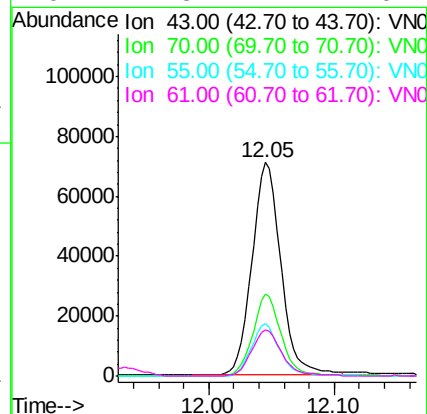
Ion Ratio Lower Upper

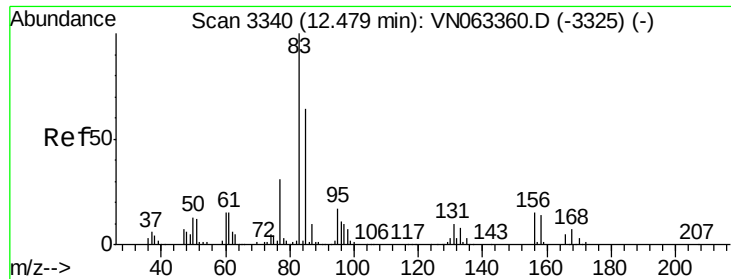
43 100

70 37.3 29.6 44.4

55 24.0 17.7 26.5

61 22.3 17.4 26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 18.426 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. -0.00 min

Lab File: VN063583.D

Acq: 23 Sep 2020 12:55

Instrument :

MSVOA_N

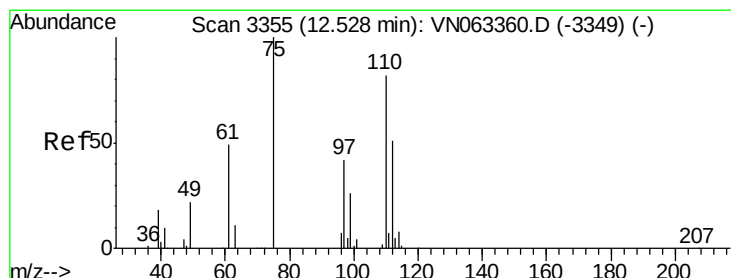
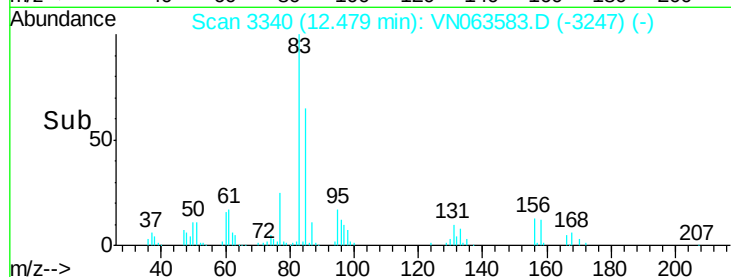
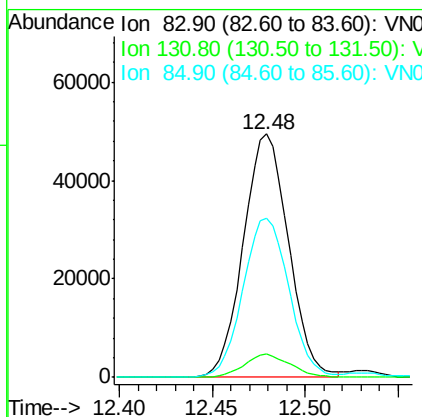
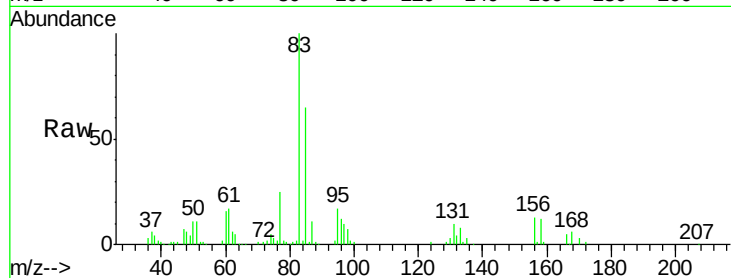
ClientSampleId :

VN0923WBS01

Tot Ion:	83	Resp:	83830
Ion Ratio	Lower	Upper	
83	100		
131	9.8	4.9	14.7
85	66.5	32.0	96.0

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#76

1,2,3-Trichloropropane

Concen: 19.999 ug/l m

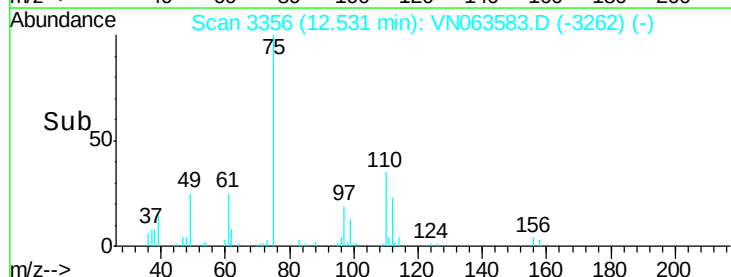
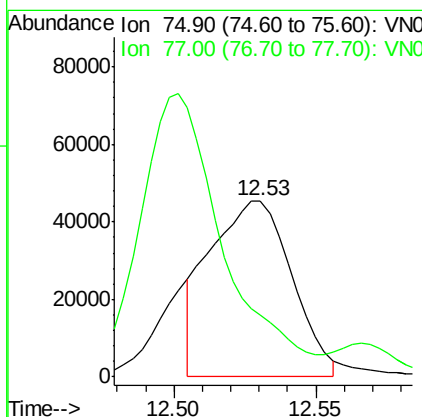
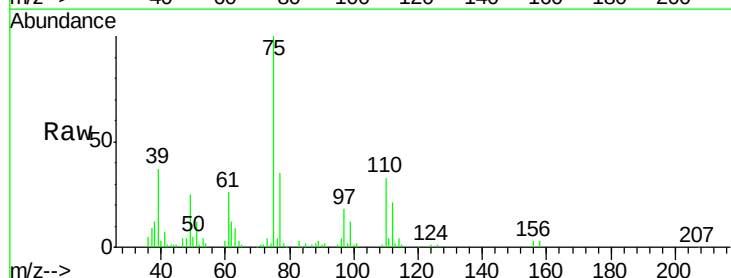
RT: 12.53 min Scan# 3356

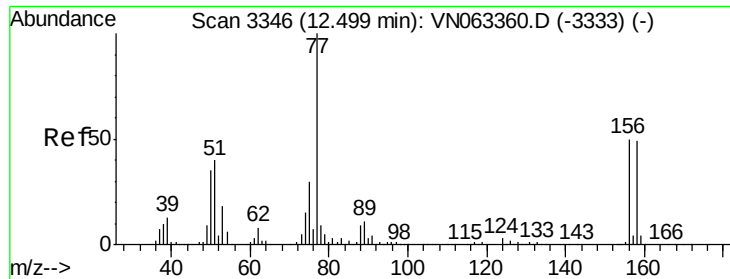
Delta R.T. 0.00 min

Lab File: VN063583.D

Acq: 23 Sep 2020 12:55

Tgt Ion:	75	Resp:	90761
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.661 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN063583.D

Acq: 23 Sep 2020 12:55

Instrument :

MSVOA_N

ClientSampleId :

VN0923WBS01

Tot Ion:156 Resp: 64982

Ion Ratio Lower Upper

156 100

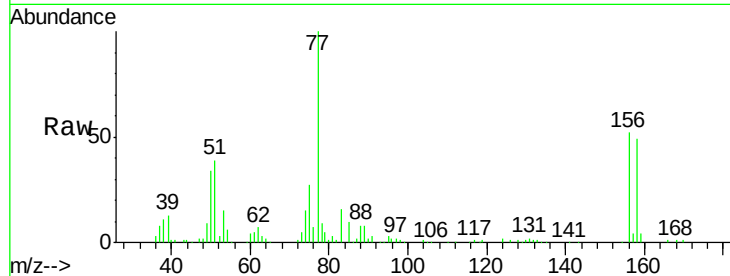
77 230.4 120.2 360.6

158 94.5 48.9 146.6

Manual Integrations
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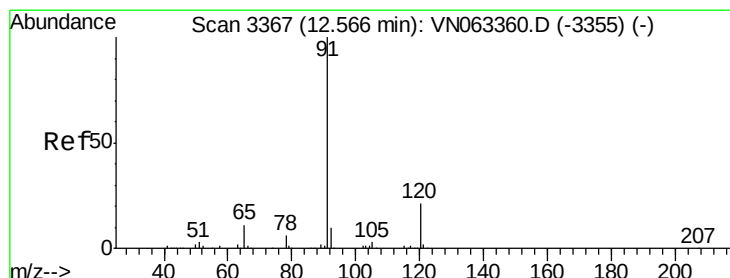
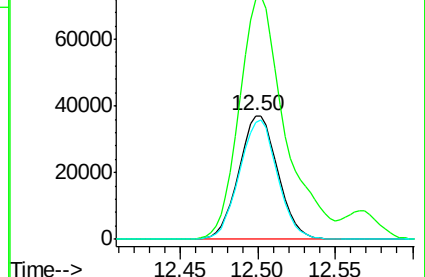
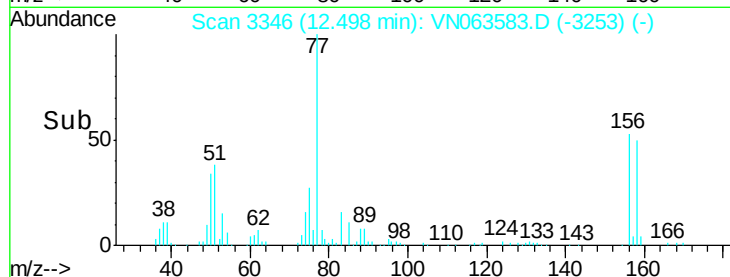
9/24/2020 1:37:47 PM



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: 18.534 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063583.D

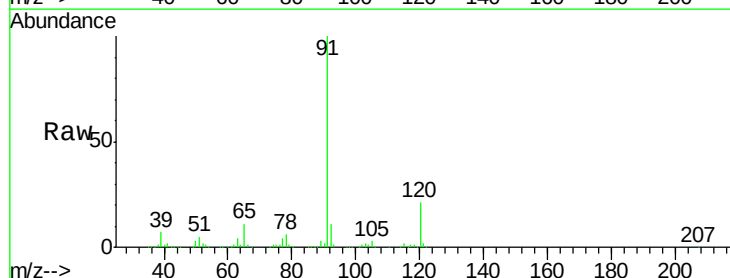
Acq: 23 Sep 2020 12:55

Tgt Ion: 91 Resp: 317174

Ion Ratio Lower Upper

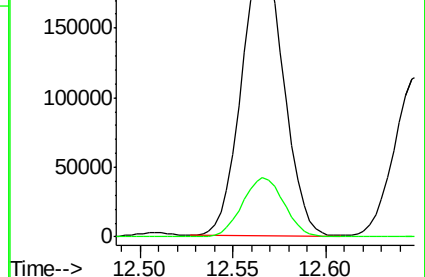
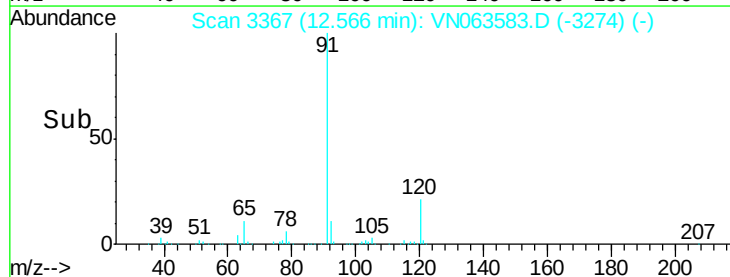
91 100

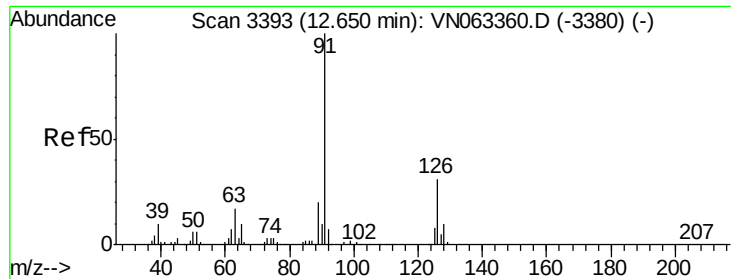
120 21.1 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.686 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. -0.00 min

Lab File: VN063583.D

Acq: 23 Sep 2020 12:55

Instrument :

MSVOA_N

ClientSampled :

VN0923WBS01

Tot Ion: 91 Resp: 191696

Ion Ratio Lower Upper

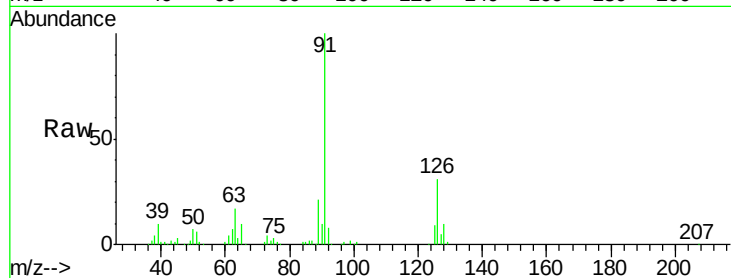
91 100

126 31.5 15.8 47.3

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Abundance Ion 91.00 (90.70 to 91.70): VN063360.D (-3380) (-)

Ion 125.90 (125.60 to 126.60): VN063360.D (-3380) (-)

200000

150000

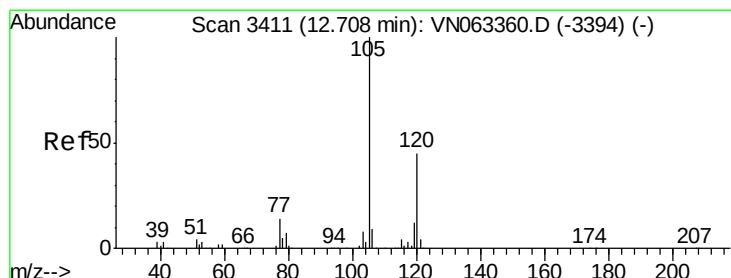
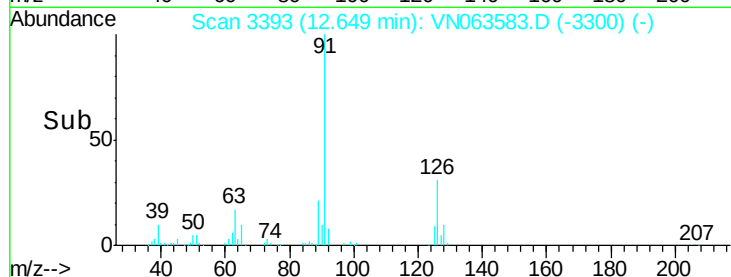
100000

50000

0

12.60 12.65 12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 18.685 ug/l

RT: 12.71 min Scan# 3412

Delta R.T. 0.00 min

Lab File: VN063583.D

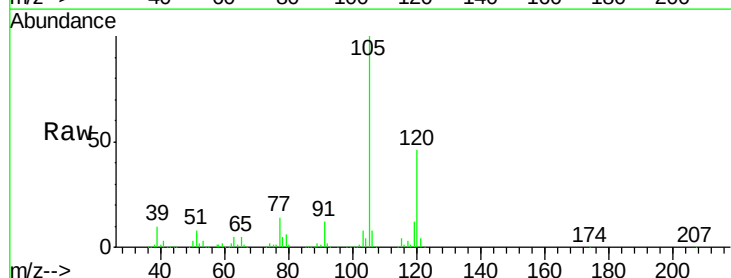
Acq: 23 Sep 2020 12:55

Tgt Ion: 105 Resp: 228932

Ion Ratio Lower Upper

105 100

120 45.8 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): VN063360.D (-3394) (-)

Ion 120.00 (119.70 to 120.70): VN063360.D (-3394) (-)

150000

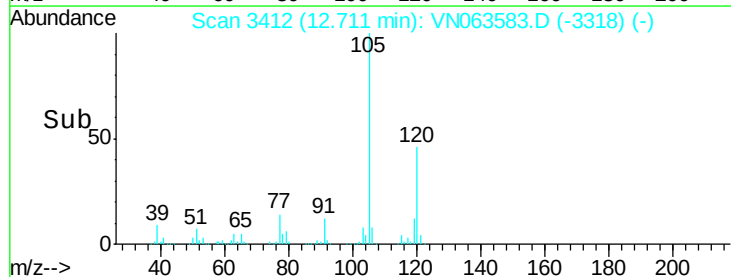
100000

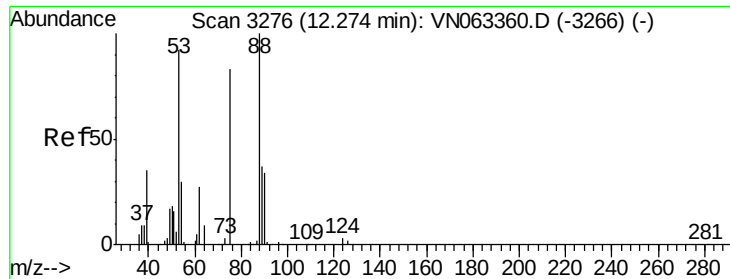
50000

0

12.65 12.70 12.75 12.80

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 15.905 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN063583.D

Acq: 23 Sep 2020 12:55

Instrument :

MSVOA_N

ClientSampleId :

VN0923WBS01

Tot Ion: 75 Resp: 26329

Ion Ratio Lower Upper

75 100

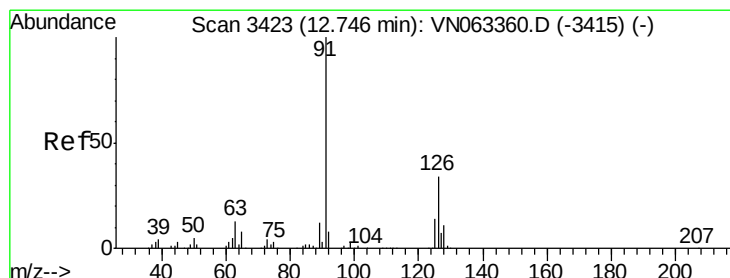
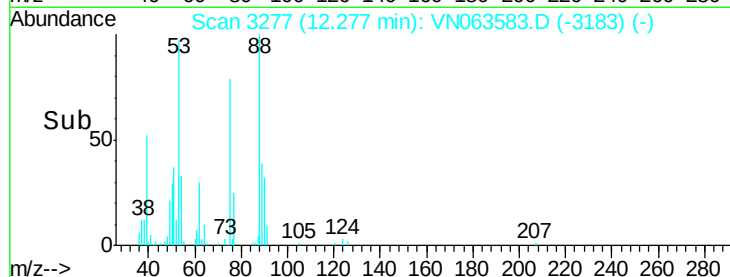
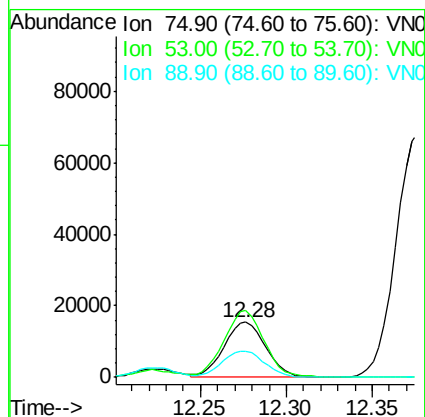
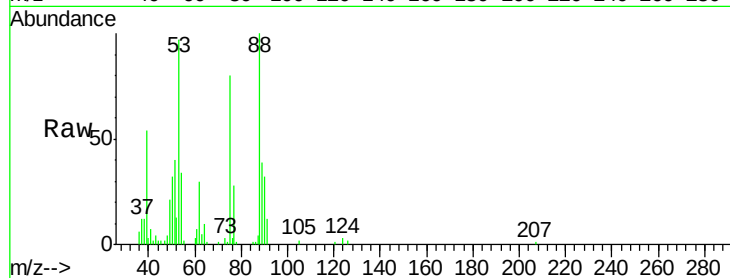
53 117.2 85.7 128.5

89 48.1 38.0 57.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 18.419 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. -0.00 min

Lab File: VN063583.D

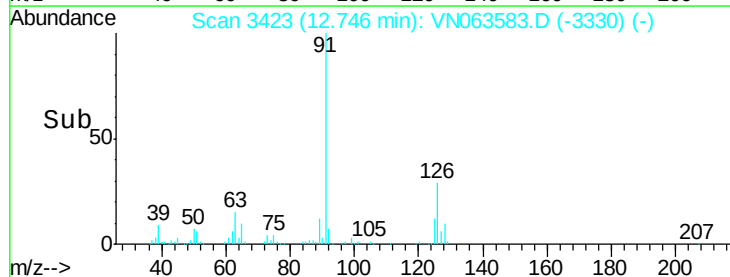
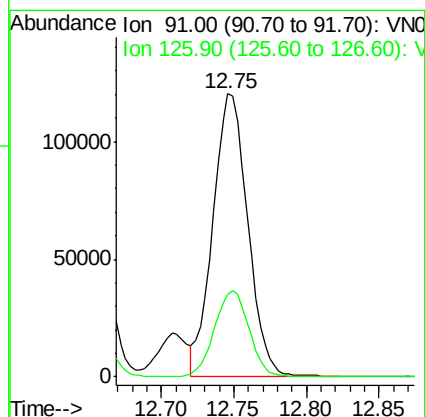
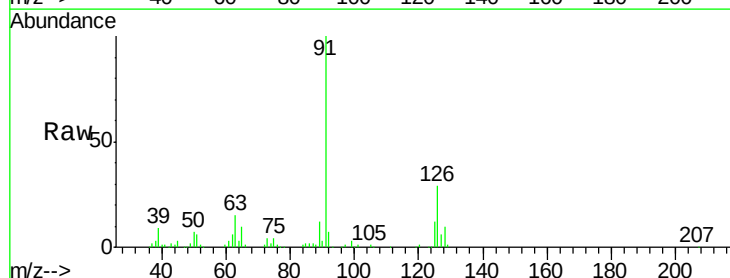
Acq: 23 Sep 2020 12:55

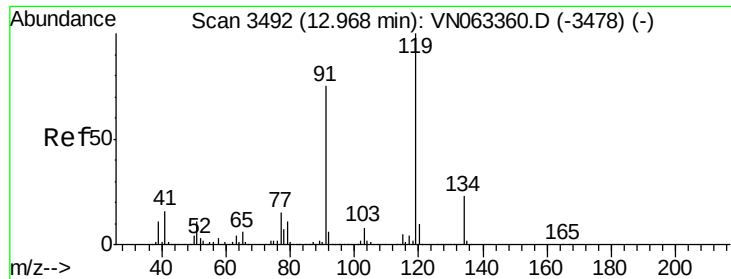
Tgt Ion: 91 Resp: 199643

Ion Ratio Lower Upper

91 100

126 30.5 15.5 46.5





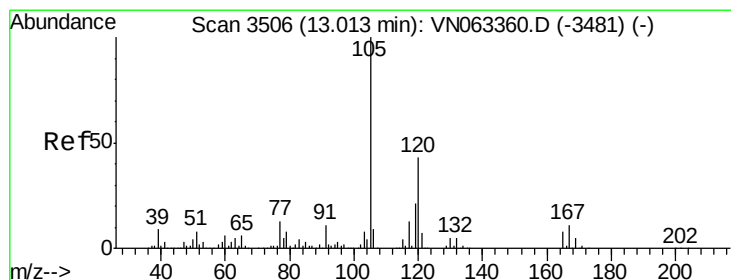
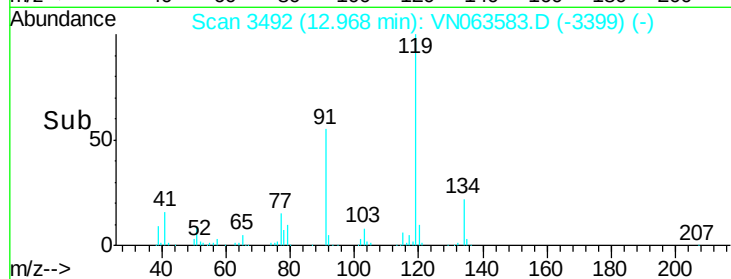
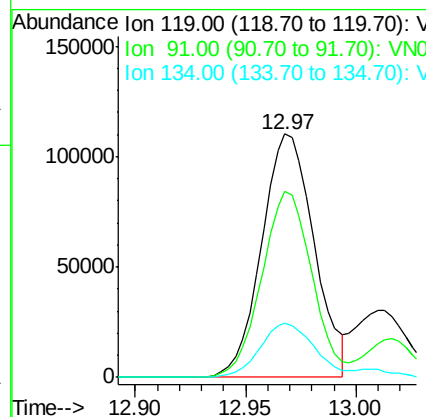
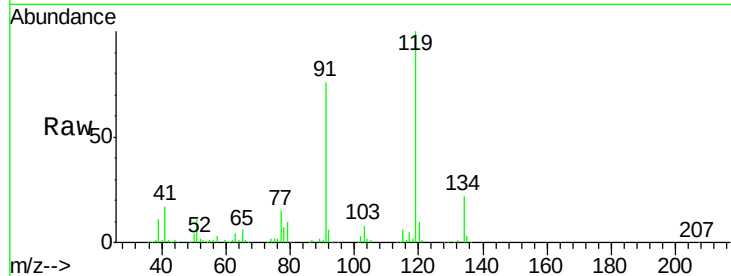
#83
 tert-Butylbenzene
 Concen: 18.006 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. -0.00 min
 Lab File: VN063583.D
 Acq: 23 Sep 2020 12:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0923WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	182085		
91	73.1	36.3	108.9	
134	22.9	12.3	36.8	

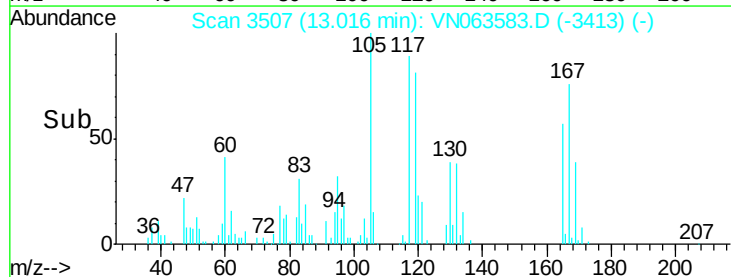
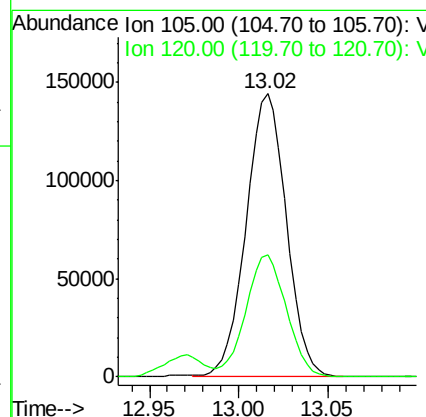
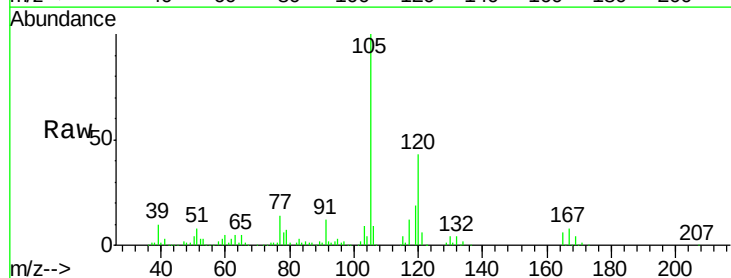
Manual Integrations
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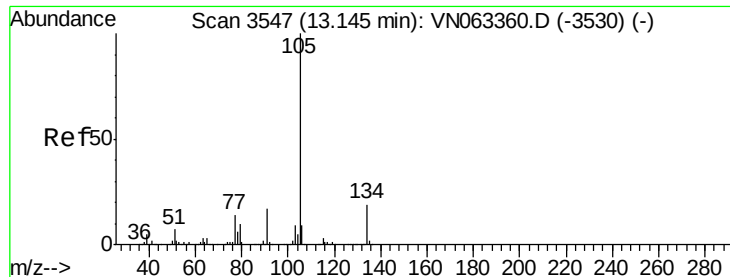
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#84
 1,2,4-Trimethylbenzene
 Concen: 18.263 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. 0.00 min
 Lab File: VN063583.D
 Acq: 23 Sep 2020 12:55

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	226020		
120	44.0	21.3	63.9	





#85

sec-Butylbenzene

Concen: 17.889 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN063583.D

Acq: 23 Sep 2020 12:55

Instrument :

MSVOA_N

ClientSampleId :

VN0923WBS01

Tot Ion:105 Resp: 242138

Ion Ratio Lower Upper

105 100

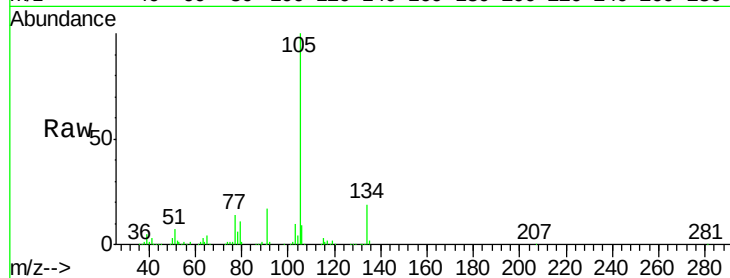
134 18.7 9.3 27.7

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.15

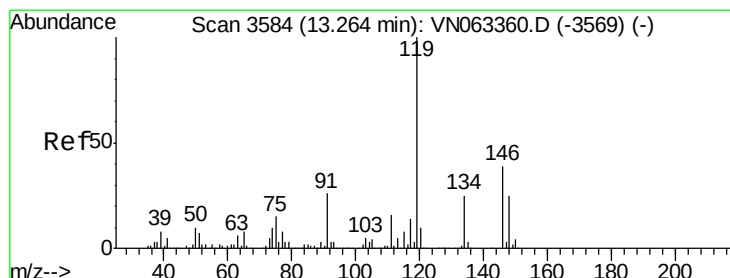
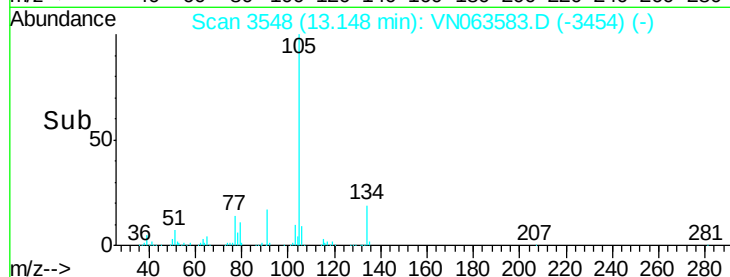
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 18.087 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. -0.00 min

Lab File: VN063583.D

Acq: 23 Sep 2020 12:55

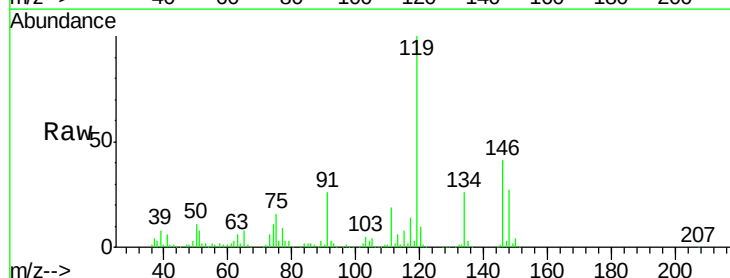
Tgt Ion:119 Resp: 215941

Ion Ratio Lower Upper

119 100

134 25.3 12.5 37.5

91 27.0 13.4 40.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.26

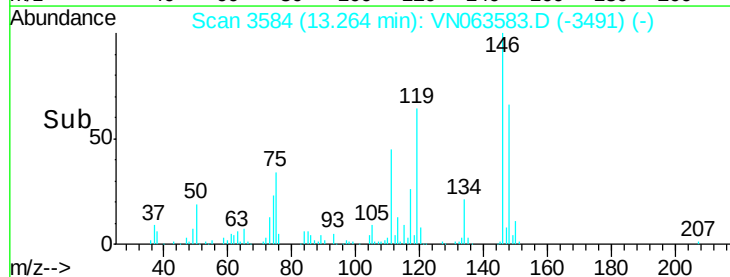
150000

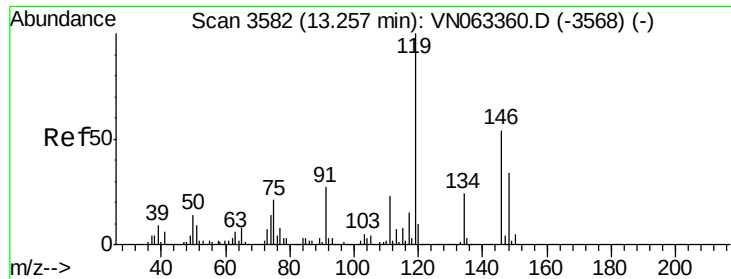
100000

50000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 18.441 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. -0.00 min

Lab File: VN063583.D

Acq: 23 Sep 2020 12:55

Instrument :

MSVOA_N

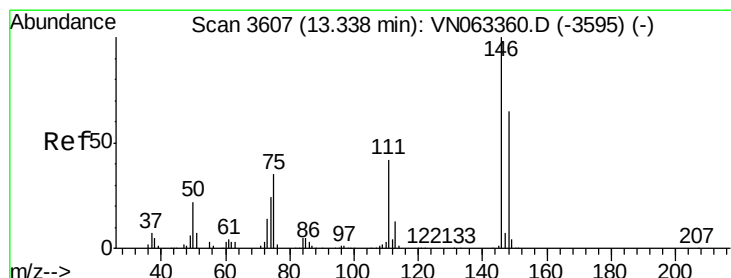
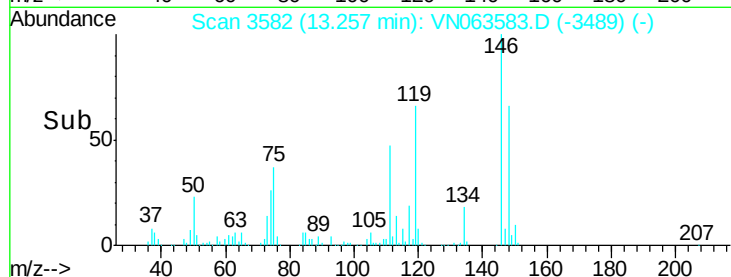
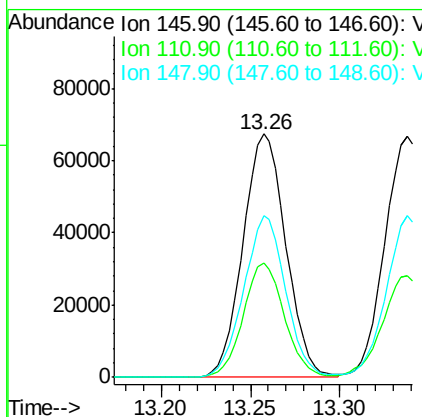
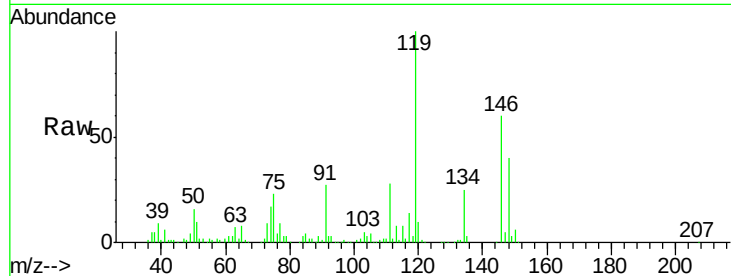
ClientSampleId :

VN0923WBS01

Tot Ion:	146	Resp:	112968
Ion Ratio	Lower	Upper	
146	100		
111	45.1	21.4	64.3
148	65.0	31.9	95.7

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 18.272 ug/l

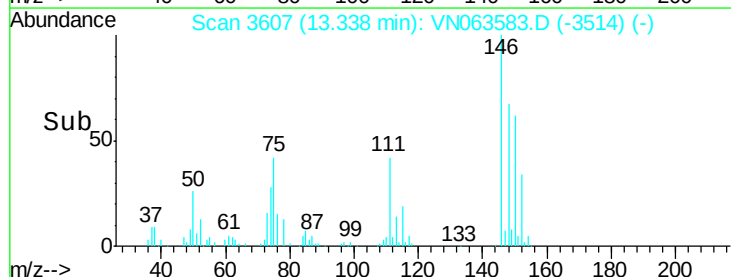
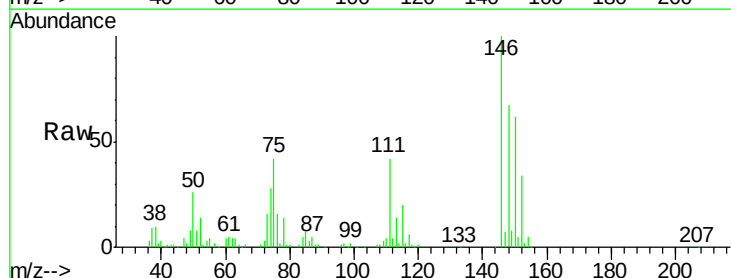
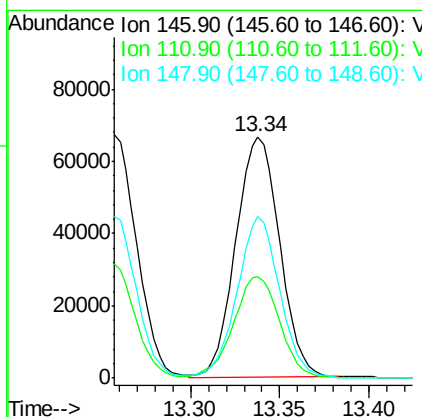
RT: 13.34 min Scan# 3607

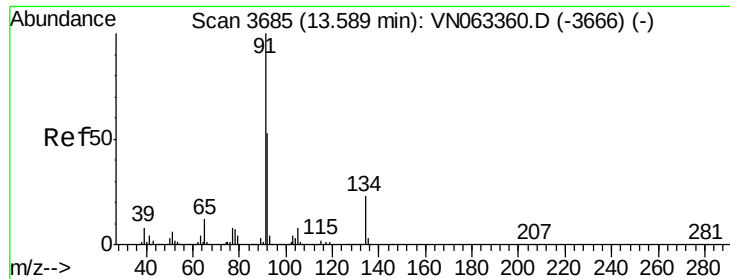
Delta R.T. -0.00 min

Lab File: VN063583.D

Acq: 23 Sep 2020 12:55

Tgt Ion:	146	Resp:	113804
Ion Ratio	Lower	Upper	
146	100		
111	44.6	21.2	63.6
148	65.9	31.9	95.9





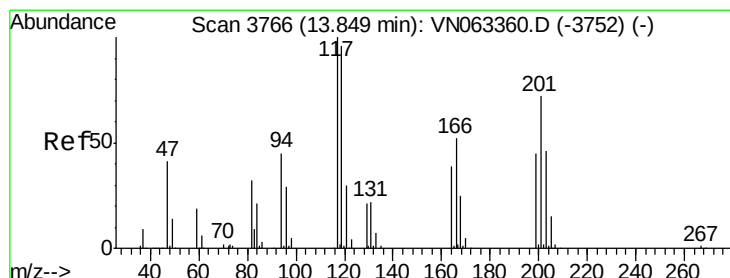
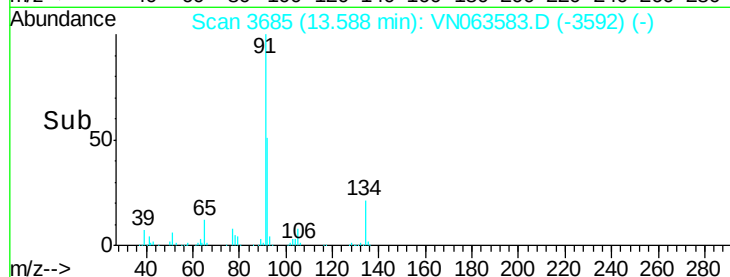
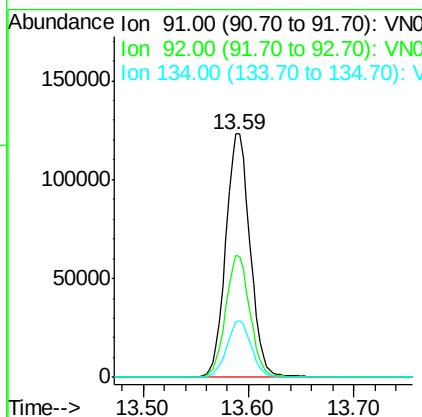
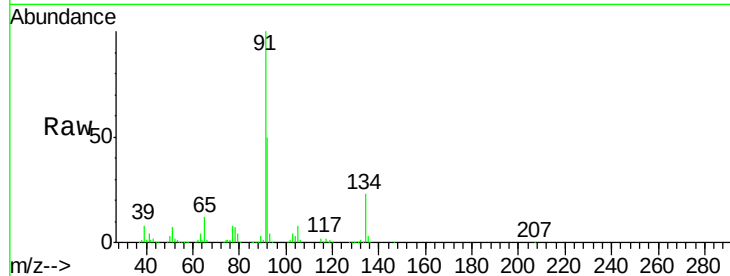
#89
n-Butylbenzene
Concen: 17.887 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN063583.D
Acq: 23 Sep 2020 12:55

Instrument :
MSVOA_N
ClientSampleId :
VN0923WBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	196835		
92	49.6	26.0	78.0	
134	23.1	11.7	35.0	

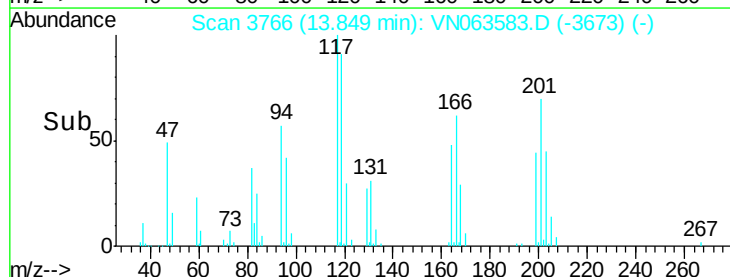
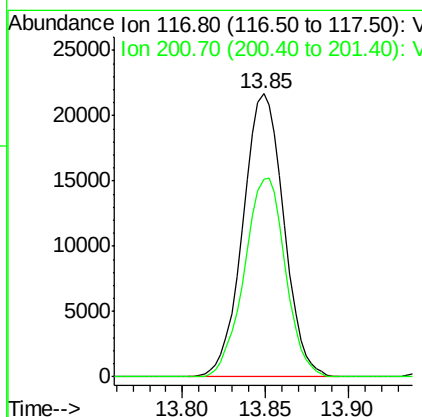
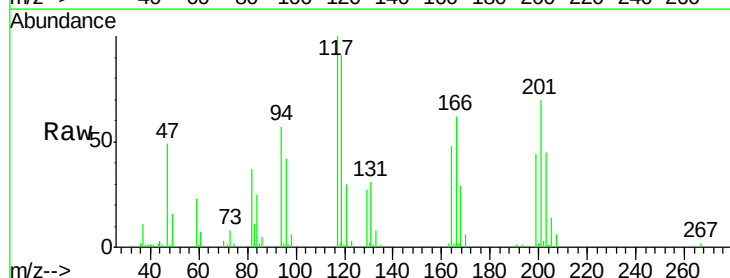
Manual Integrations
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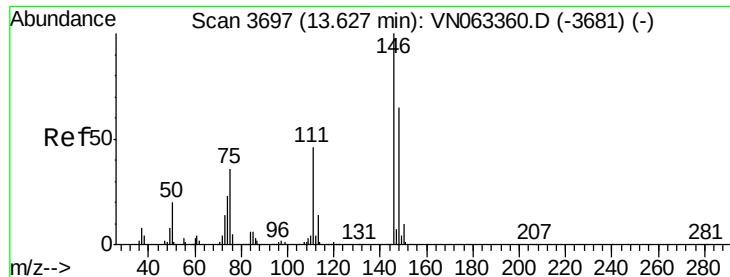
MMDadoda
9/24/2020 1:37:47 PM



#90
Hexachloroethane
Concen: 16.353 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. -0.00 min
Lab File: VN063583.D
Acq: 23 Sep 2020 12:55

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	37176		
201	70.4	35.5	106.7	





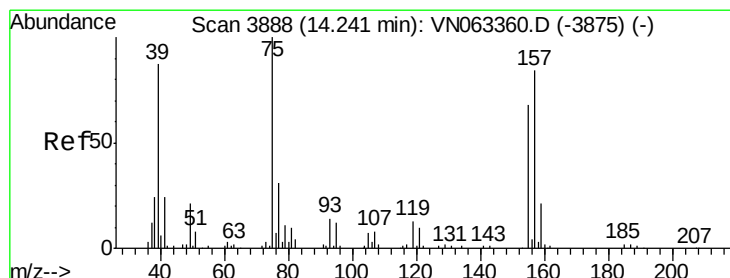
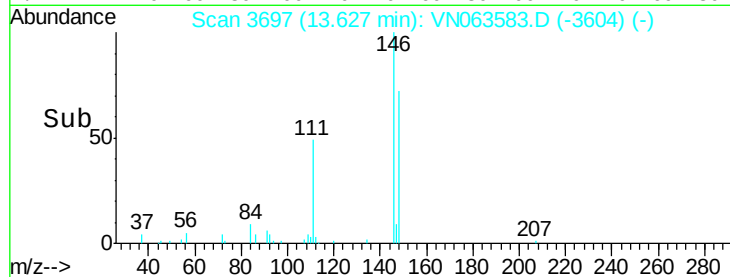
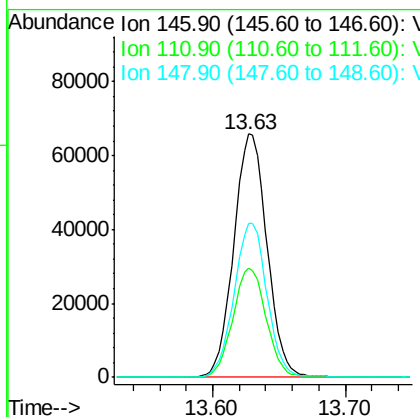
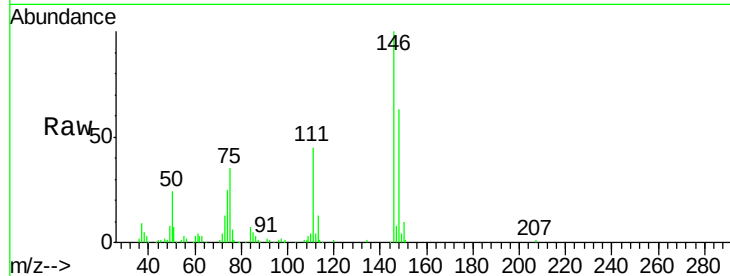
#91
 1,2-Dichlorobenzene
 Concen: 19.078 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. -0.00 min
 Lab File: VN063583.D
 Acq: 23 Sep 2020 12:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0923WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.6	22.4	67.2
148	62.9	32.0	96.0

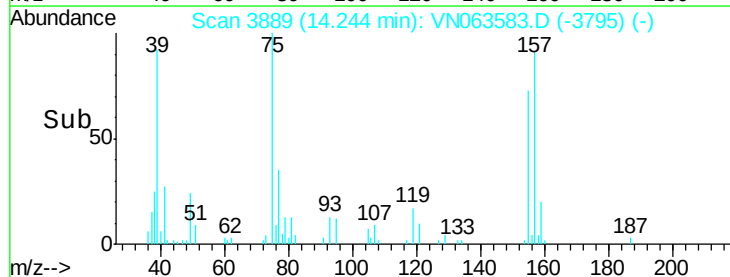
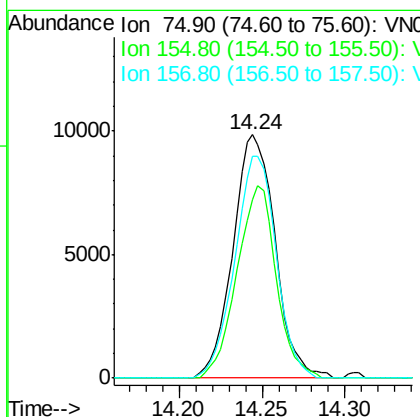
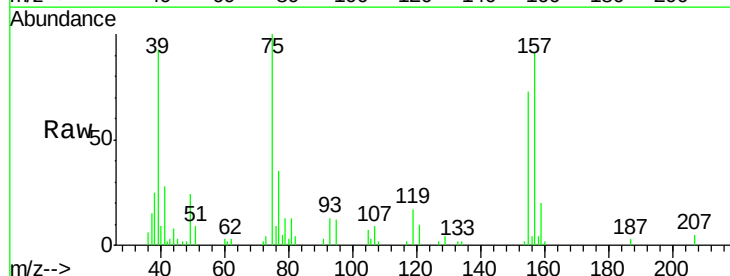
Manual Integrations
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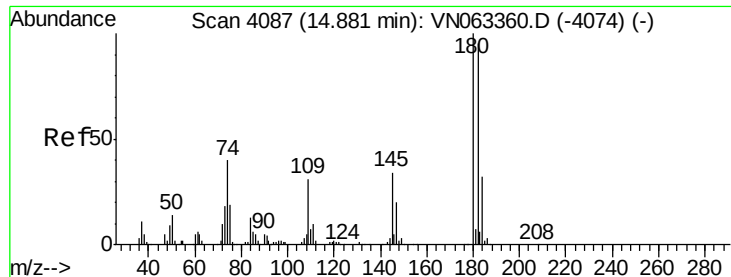
MMDadoda
 9/24/2020 1:37:47 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.096 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN063583.D
 Acq: 23 Sep 2020 12:55

Tgt Ion	Ratio	Lower	Upper
75	100		
155	73.5	34.6	103.9
157	89.6	43.7	131.1





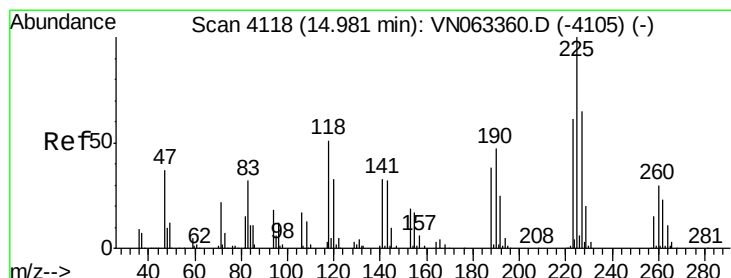
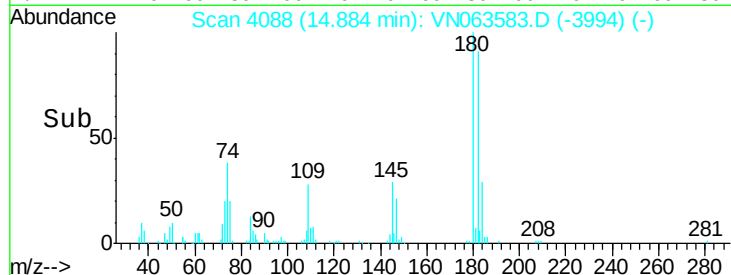
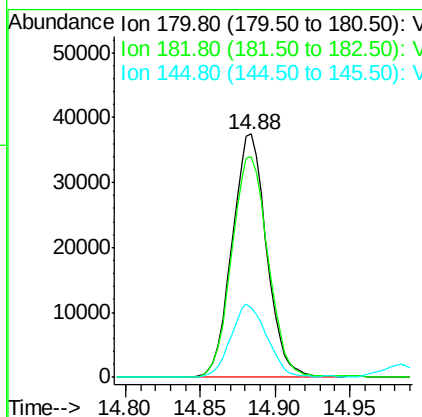
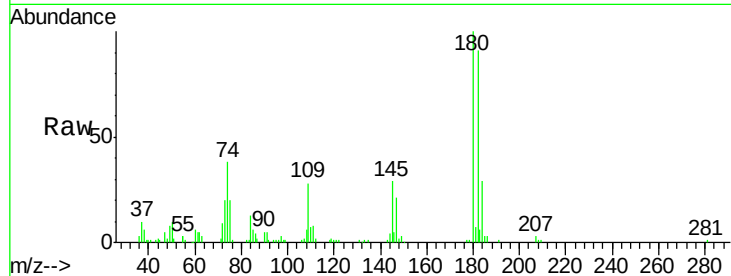
#93
 1,2,4-Trichlorobenzene
 Concen: 16.962 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN063583.D
 Acq: 23 Sep 2020 12:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0923WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	60142		
182	95.3	47.3	142.0	
145	31.7	16.6	49.7	

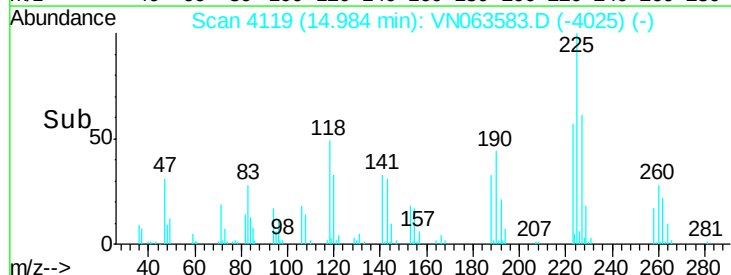
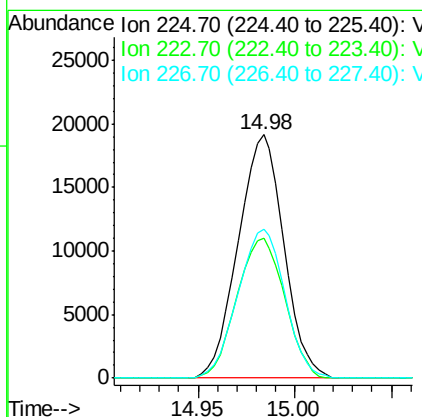
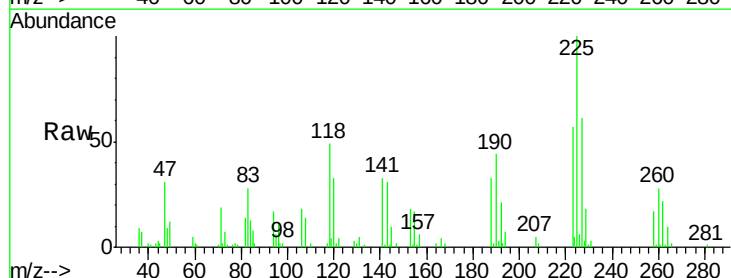
Manual Integrations
 APPROVED

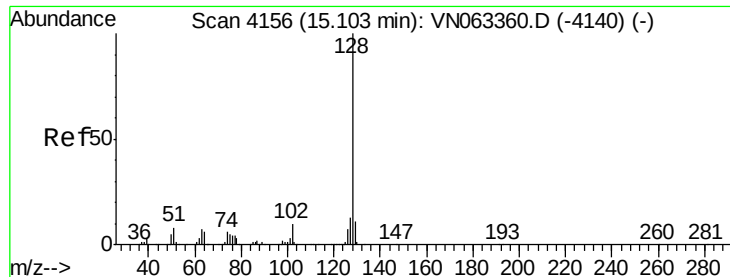
MMDadoda
 9/24/2020 1:37:47 PM



#94
 Hexachlorobutadiene
 Concen: 21.432 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN063583.D
 Acq: 23 Sep 2020 12:55

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	31459		
223	60.0	30.6	91.6	
227	62.8	31.2	93.6	





#95

Naphthalene

Concen: 16.307 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. -0.00 min

Lab File: VN063583.D

Acq: 23 Sep 2020 12:55

Instrument :

MSVOA_N

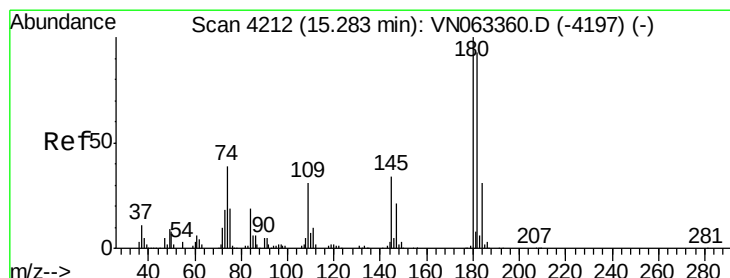
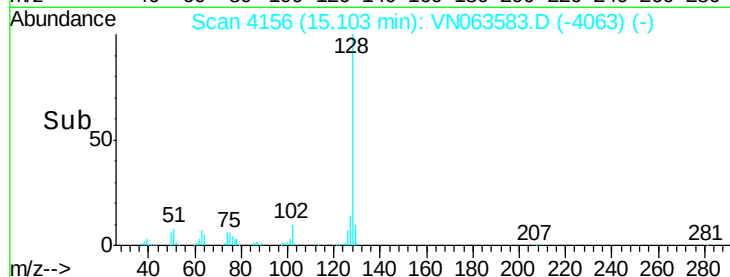
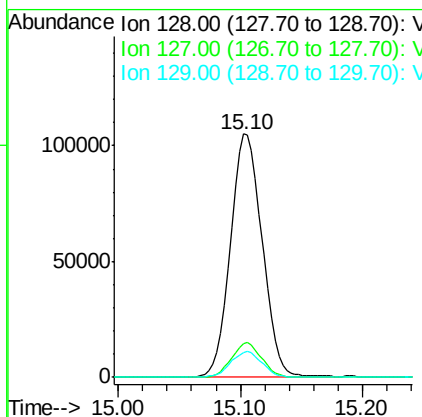
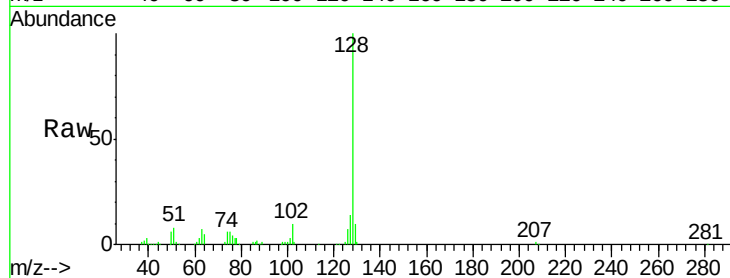
ClientSampleId :

VN0923WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
128	100		191021		
127	13.4		10.6	15.8	
129	10.6		8.8	13.2	

Manual Integrations
APPROVED

MMDadoda
9/24/2020 1:37:47 PM



#96

1,2,3-Trichlorobenzene

Concen: 16.882 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. -0.00 min

Lab File: VN063583.D

Acq: 23 Sep 2020 12:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		57835		
182	97.6		46.7	140.1	
145	34.2		16.8	50.3	

