

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090220\
 Data File : VN063185.D
 Acq On : 2 Sep 2020 11:00
 Operator : JC/MD
 Sample : VN0902WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0902WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/3/2020 9:28:45 AM

Quant Time: Sep 03 01:24:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 01 04:21:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	417958	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	758924	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	702053	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	314525	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	319552	46.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.54%	
35) Dibromofluoromethane	7.55	113	238542	48.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.98%	
50) Toluene-d8	10.06	98	934888	49.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.78%	
62) 4-Bromofluorobenzene	12.38	95	318188	48.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	76510	18.588	ug/l	98
3) Chloromethane	2.04	50	106293	17.734	ug/l	100
4) Vinyl Chloride	2.17	62	125544	18.962	ug/l	100
5) Bromomethane	2.54	94	109701	19.684	ug/l	97
6) Chloroethane	2.68	64	109576	20.815	ug/l	99
7) Trichlorofluoromethane	2.98	101	193925	18.823	ug/l	100
8) Diethyl Ether	3.37	74	58918	18.599	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.72	101	89851	19.966	ug/l	99
10) Methyl Iodide	3.91	142	98739	16.087	ug/l	99
11) Tert butyl alcohol	4.73	59	85617	102.086	ug/l	96
12) 1,1-Dichloroethene	3.70	96	86018	18.758	ug/l	93
13) Acrolein	3.56	56	14349m	57.874	ug/l	
14) Allyl chloride	4.28	41	150548	18.485	ug/l	96
15) Acrylonitrile	4.93	53	210649	91.209	ug/l	98
16) Acetone	3.78	43	187150	96.357	ug/l	97
17) Carbon Disulfide	4.01	76	240962	17.654	ug/l	98
18) Methyl Acetate	4.28	43	104032	20.890	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	311166	18.292	ug/l	99
20) Methylene Chloride	4.51	84	104027	18.740	ug/l	85
21) trans-1,2-Dichloroethene	4.99	96	98329	19.409	ug/l	94
22) Diisopropyl ether	5.91	45	330649	18.117	ug/l	92
23) Vinyl Acetate	5.84	43	1371068	94.152	ug/l	100
24) 1,1-Dichloroethane	5.80	63	184674	18.355	ug/l	98
25) 2-Butanone	6.78	43	301179	100.146	ug/l	97
26) 2,2-Dichloropropane	6.78	77	168681	18.505	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	111114	18.044	ug/l	97
28) Bromochloromethane	7.15	49	92775	17.650	ug/l	100
29) Tetrahydrofuran	7.17	42	199158	95.773	ug/l	98
30) Chloroform	7.33	83	196643	18.681	ug/l	95
31) Cyclohexane	7.61	56	165988	17.585	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	171124	18.866	ug/l	98
36) 1,1-Dichloropropene	7.75	75	145088	19.886	ug/l	98
37) Ethyl Acetate	6.88	43	132244	19.430	ug/l #	92
38) Carbon Tetrachloride	7.73	117	139247	18.820	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Tue Sep 01 04:21:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	159406	19.448	ug/l	96
40) Benzene	8.00	78	427031	19.918	ug/l	98
41) Methacrylonitrile	7.13	41	61622	20.049	ug/l #	88
42) 1,2-Dichloroethane	8.09	62	159390	19.902	ug/l	99
43) Isopropyl Acetate	8.13	43	235523	19.794	ug/l #	89
44) Trichloroethene	8.80	130	113169	21.762	ug/l	95
45) 1,2-Dichloropropane	9.08	63	109422	19.276	ug/l	98
46) Dibromomethane	9.17	93	75235	19.999	ug/l	99
47) Bromodichloromethane	9.37	83	157252	19.502	ug/l	99
48) Methyl methacrylate	9.17	41	104175	19.422	ug/l	93
49) 1,4-Dioxane	9.17	88	34247	412.796	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	681888	105.461	ug/l	100
52) Toluene	10.13	92	265314	19.865	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	167181	18.954	ug/l	95
54) cis-1,3-Dichloropropene	9.81	75	178864	19.319	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	100445	19.638	ug/l	98
56) Ethyl methacrylate	10.40	69	152112	19.542	ug/l	99
57) 1,3-Dichloropropane	10.68	76	180136	19.769	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	355711	88.247	ug/l	99
59) 2-Hexanone	10.72	43	485804	106.910	ug/l	98
60) Dibromochloromethane	10.87	129	112497	19.894	ug/l	99
61) 1,2-Dibromoethane	10.98	107	103936	19.548	ug/l	95
64) Tetrachloroethene	10.60	164	113536	22.521	ug/l	94
65) Chlorobenzene	11.41	112	277068	19.594	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	102148	19.457	ug/l	99
67) Ethyl Benzene	11.49	91	523323	20.287	ug/l	99
68) m/p-Xylenes	11.59	106	377204	39.481	ug/l	100
69) o-Xylene	11.92	106	181819	19.700	ug/l	97
70) Styrene	11.94	104	310753	19.591	ug/l	100
71) Bromoform	12.10	173	64979	18.238	ug/l #	100
73) Isopropylbenzene	12.23	105	494578	20.502	ug/l	99
74) N-amyl acetate	12.05	43	193316	19.346	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	133741	19.230	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	124812m	20.197	ug/l	
77) Bromobenzene	12.50	156	110906	20.328	ug/l	97
78) n-propylbenzene	12.57	91	584425	20.936	ug/l	100
79) 2-Chlorotoluene	12.65	91	334679	20.017	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	413701	20.603	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	43557	17.036	ug/l	94
82) 4-Chlorotoluene	12.75	91	347066	20.015	ug/l	100
83) tert-Butylbenzene	12.97	119	345219	20.047	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	422501	20.875	ug/l	98
85) sec-Butylbenzene	13.15	105	473955	21.118	ug/l	99
86) p-Isopropyltoluene	13.26	119	416272	20.891	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	204967	20.450	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	204663	19.721	ug/l	99
89) n-Butylbenzene	13.59	91	384800	20.904	ug/l	99
90) Hexachloroethane	13.85	117	65357	17.719	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	208894	21.478	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	28895	18.897	ug/l	98

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ClientSampleId :
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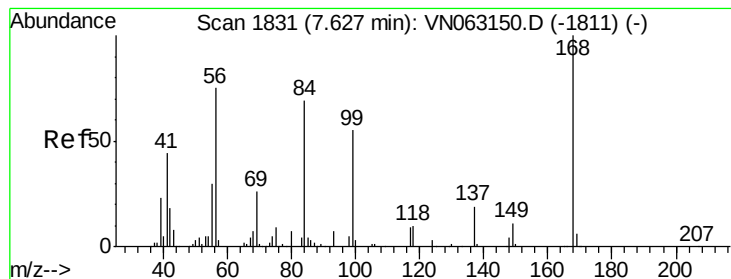
Manual Integrations
APPROVED

MMDadoda
9/3/2020 9:28:45 AM

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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	111804	20.576	ug/l	97
94) Hexachlorobutadiene	14.98	225	40501	19.952	ug/l	97
95) Naphthalene	15.11	128	336356	18.553	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	106474	20.112	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN063185.D

Acq: 2 Sep 2020 11:00

Instrument :

MSVOA_N

ClientSampleId :

VN0902WBS01

Tot Ion:168 Resp: 417958

Ion Ratio Lower Upper

168 100

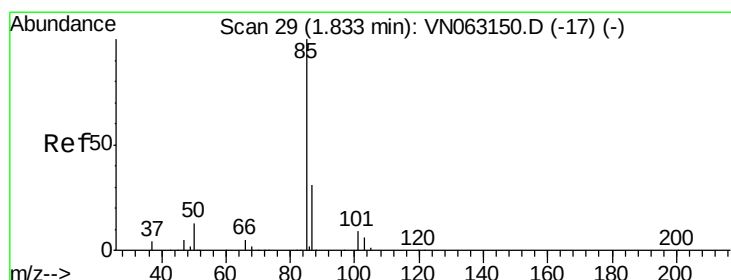
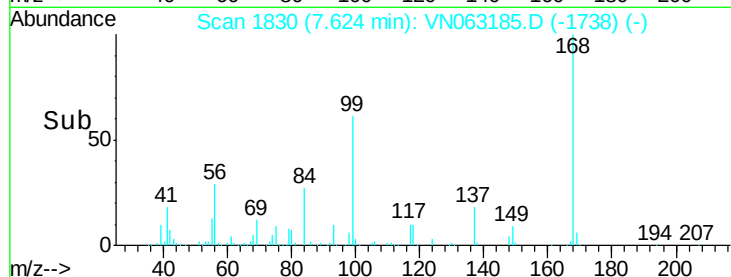
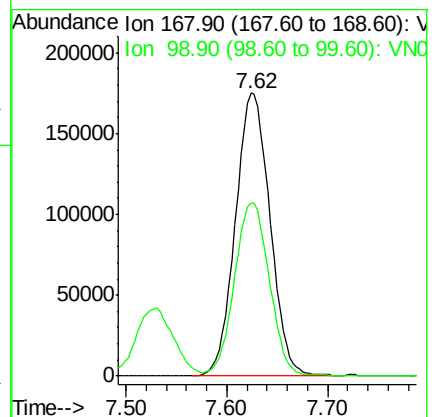
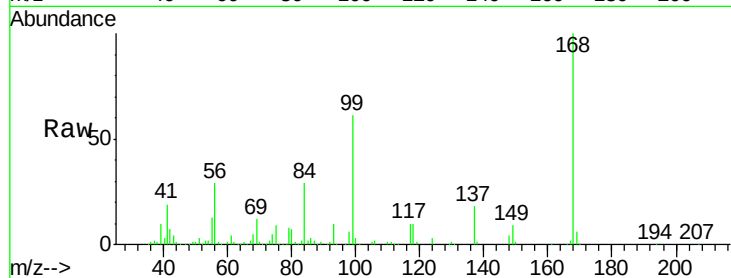
99 61.1 54.2 81.2

Manual Integrations

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9/3/2020 9:28:45 AM



#2

Dichlorodifluoromethane

Concen: 18.588 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063185.D

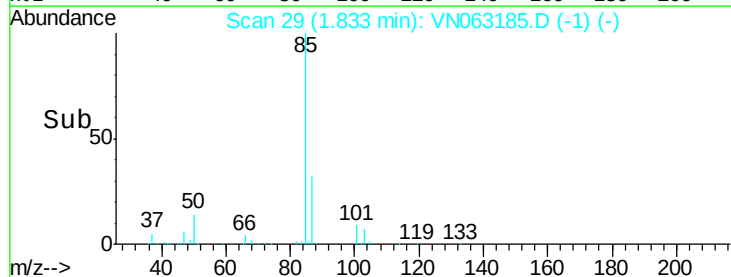
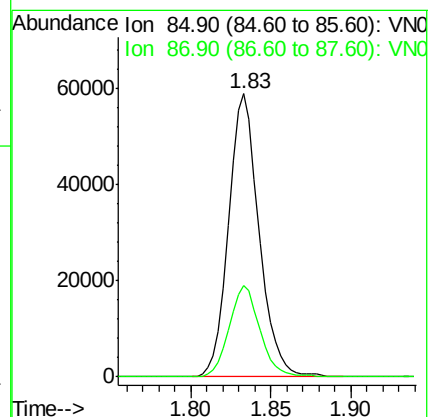
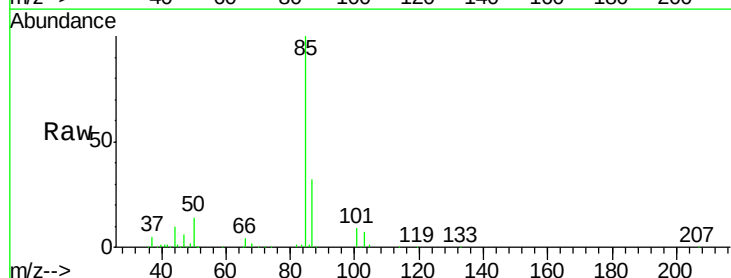
Acq: 2 Sep 2020 11:00

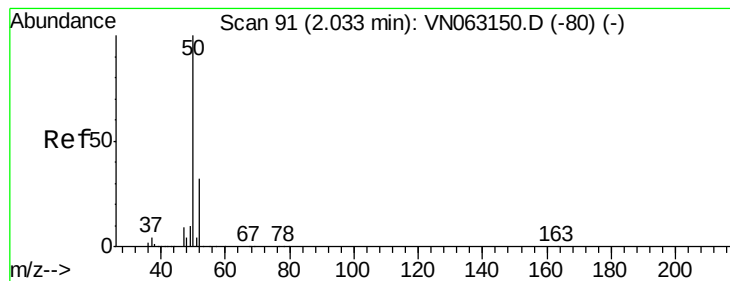
Tgt Ion: 85 Resp: 76510

Ion Ratio Lower Upper

85 100

87 32.4 15.6 46.8





#3

Chloromethane

Concen: 17.734 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063185.D

Acq: 2 Sep 2020 11:00

Instrument :

MSVOA_N

ClientSampleId :

VN0902WBS01

Tot Ion: 50 Resp: 106293

Ion Ratio Lower Upper

50 100

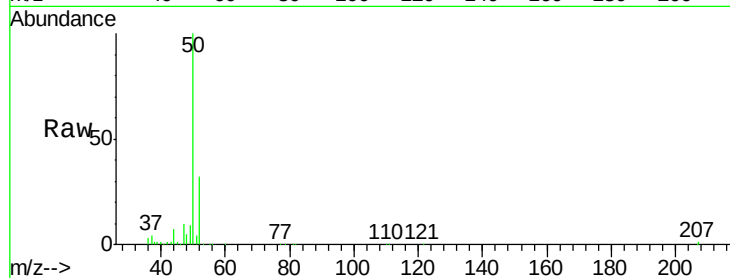
52 32.0 25.8 38.6

Manual Integrations

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9/3/2020 9:28:45 AM



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.04

80000

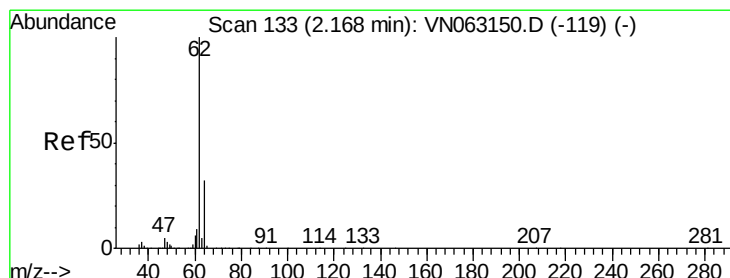
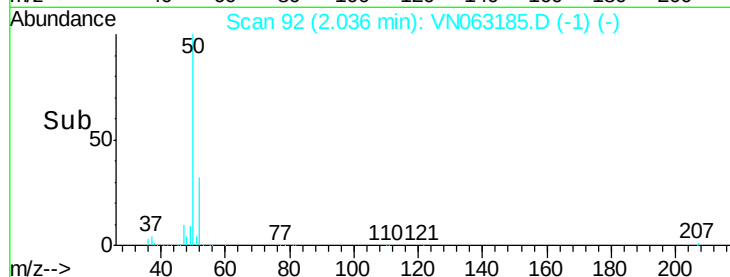
60000

40000

20000

0

Time--> 1.95 2.00 2.05 2.10



#4

Vinyl Chloride

Concen: 18.962 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.00 min

Lab File: VN063185.D

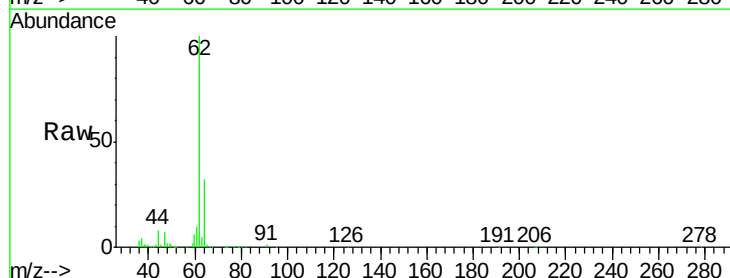
Acq: 2 Sep 2020 11:00

Tgt Ion: 62 Resp: 125544

Ion Ratio Lower Upper

62 100

64 32.2 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

2.17

80000

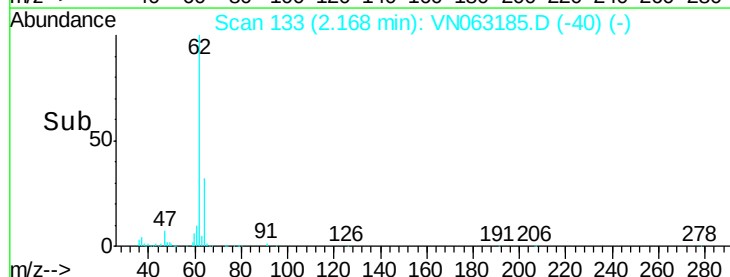
60000

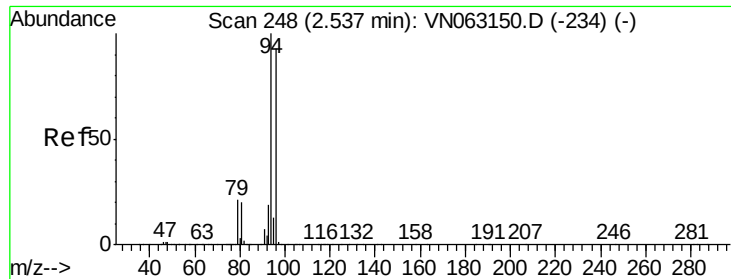
40000

20000

0

Time--> 2.10 2.15 2.20 2.25





#5

Bromomethane

Concen: 19.684 ug/l

RT: 2.54 min Scan# 249

Delta R.T. 0.00 min

Lab File: VN063185.D

Acq: 2 Sep 2020 11:00

Instrument :

MSVOA_N

ClientSampleId :

VN0902WBS01

Tot Ion: 94 Resp: 109701

Ion Ratio Lower Upper

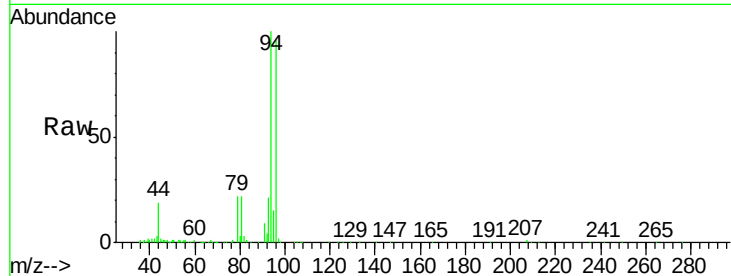
94 100

96 95.8 74.4 111.6

Manual Integrations
APPROVED

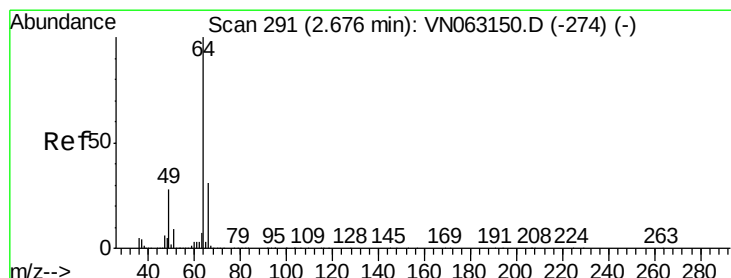
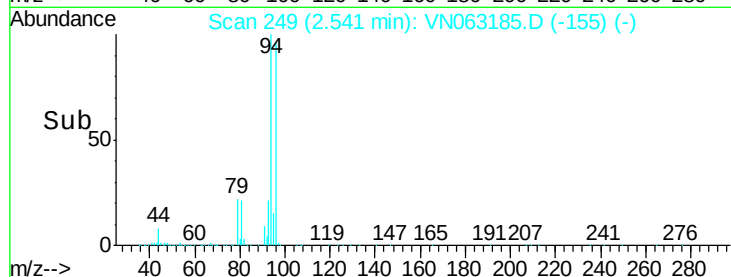
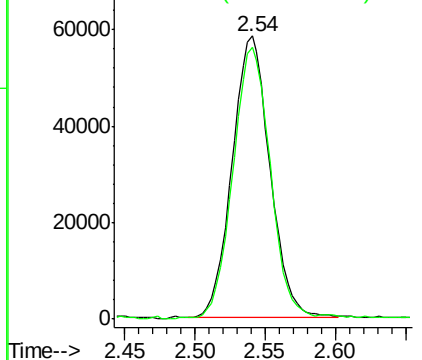
MMDadoda

9/3/2020 9:28:45 AM



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 20.815 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN063185.D

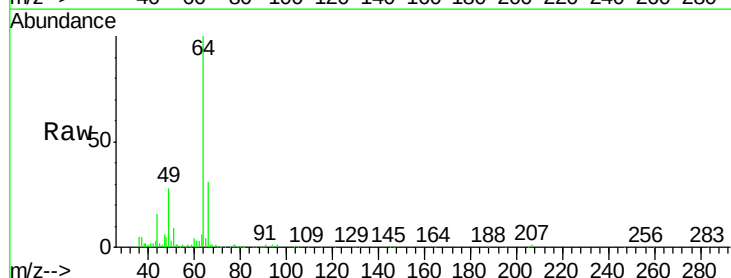
Acq: 2 Sep 2020 11:00

Tgt Ion: 64 Resp: 109576

Ion Ratio Lower Upper

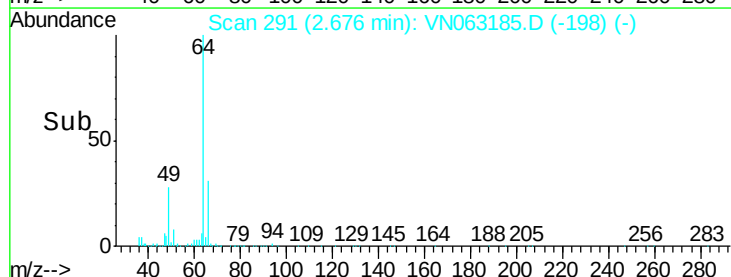
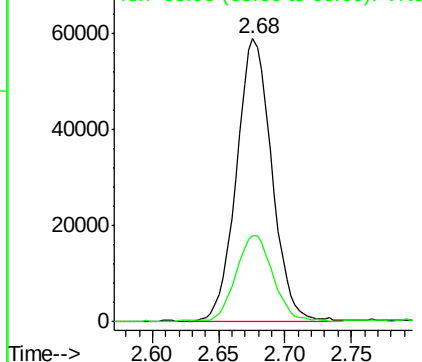
64 100

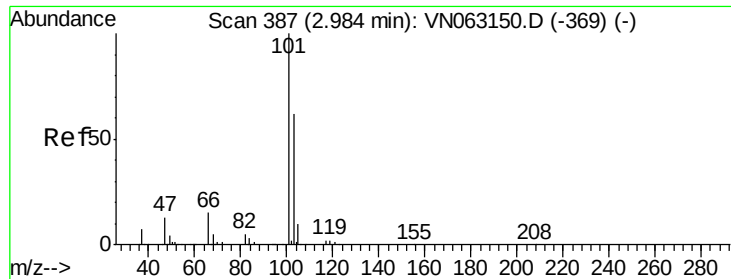
66 30.4 24.7 37.1



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

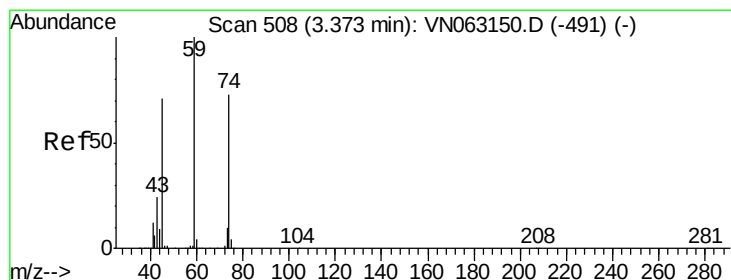
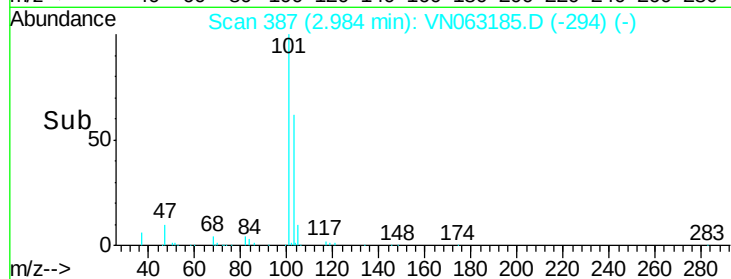
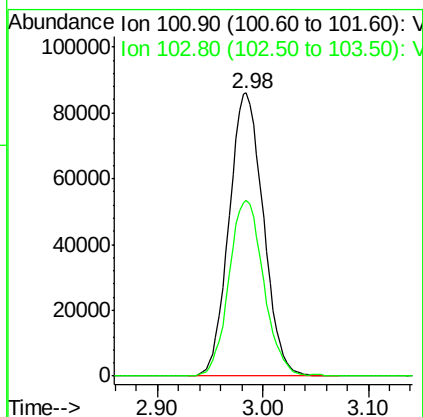
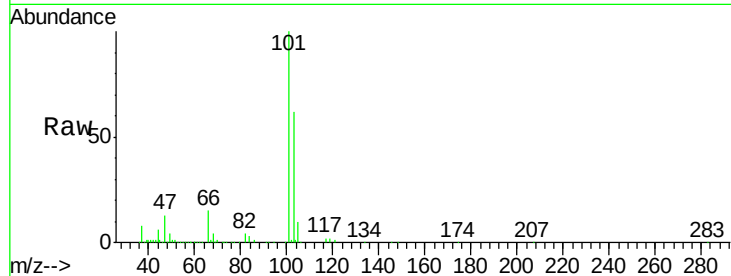
Trichlorofluoromethane
 Concen: 18.823 ug/l
 RT: 2.98 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: VN063185.D
 Acq: 2 Sep 2020 11:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0902WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.2	49.7	74.5

Manual Integrations
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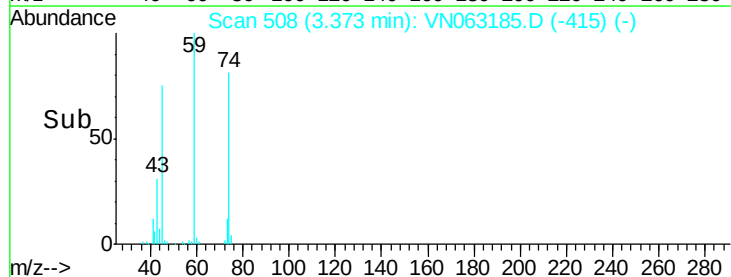
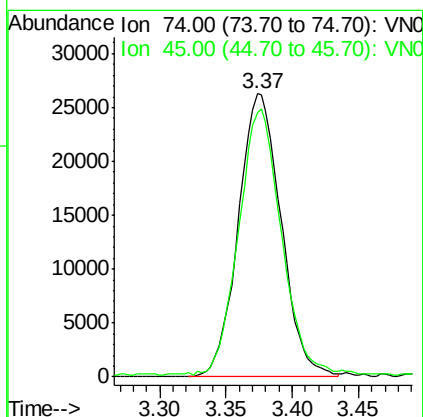
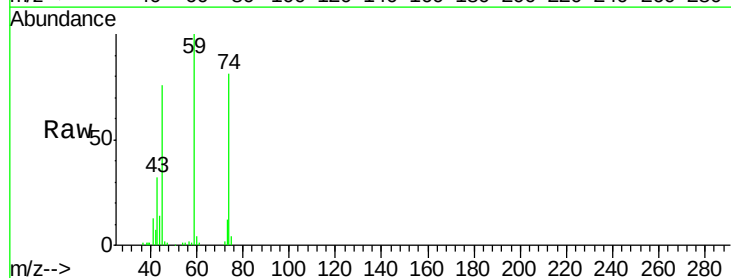
MMDadoda
 9/3/2020 9:28:45 AM

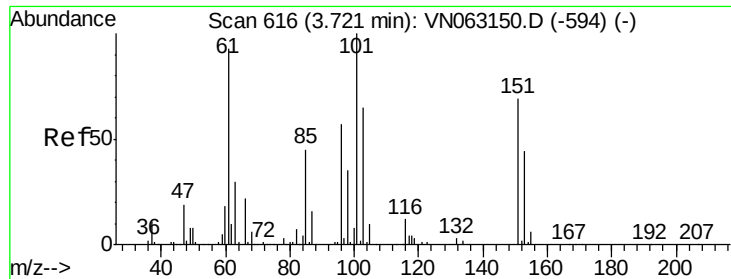


#8

Diethyl Ether
 Concen: 18.599 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: VN063185.D
 Acq: 2 Sep 2020 11:00

Tgt Ion	Ratio	Lower	Upper
74	100		
45	93.3	49.5	148.5





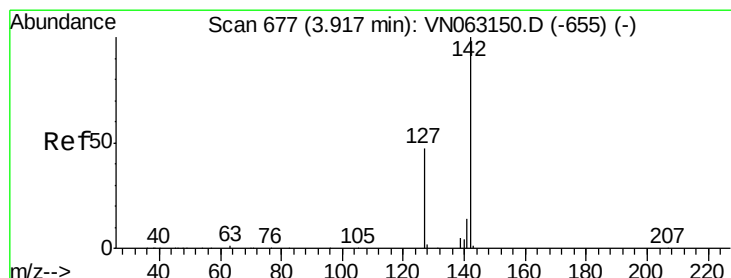
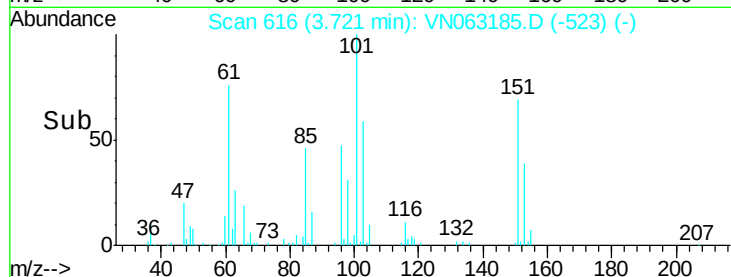
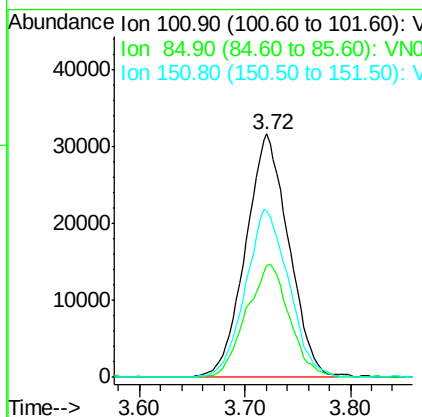
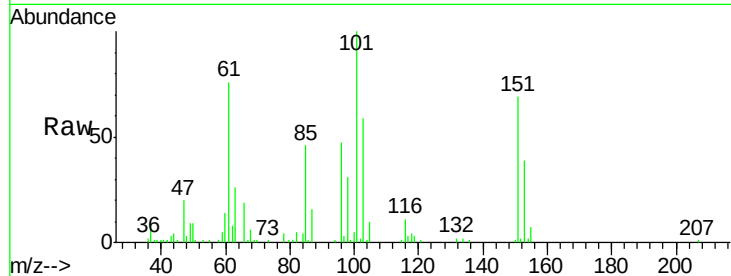
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.966 ug/l
RT: 3.72 min Scan# 616
Delta R.T. 0.00 min
Lab File: VN063185.D
Acq: 2 Sep 2020 11:00

Instrument :
MSVOA_N
ClientSampled :
VN0902WBS01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	89851		
85	46.5	37.8	56.8	
151	69.4	55.0	82.4	

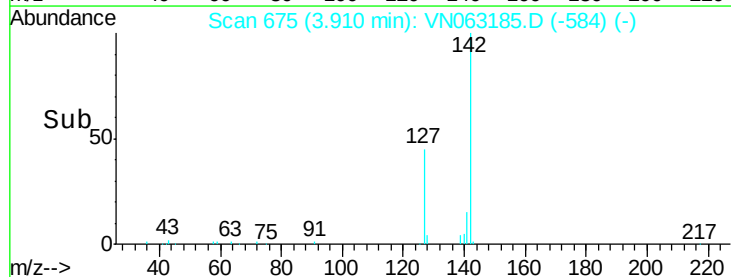
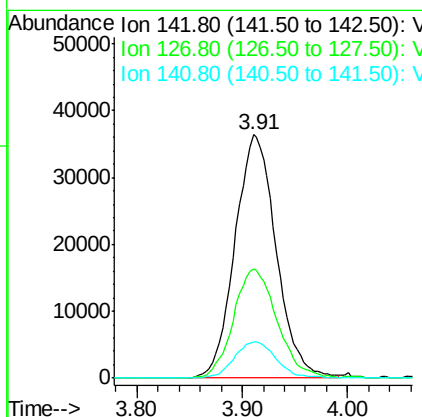
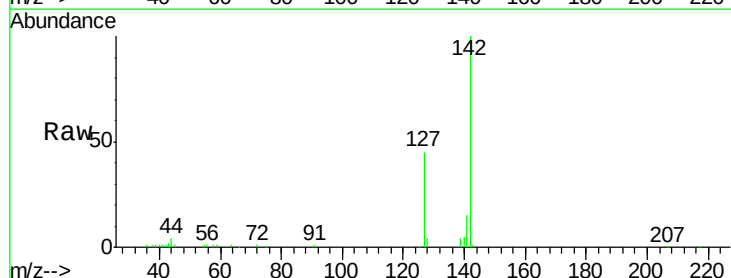
Manual Integrations
APPROVED

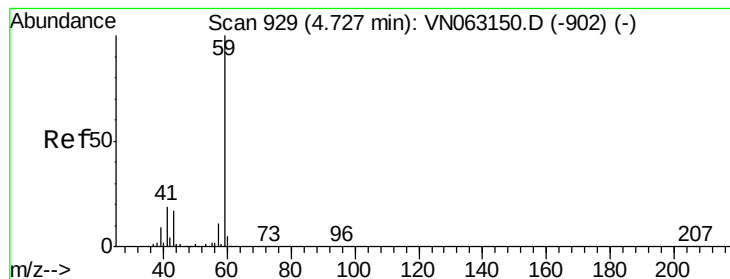
MMDadoda
9/3/2020 9:28:45 AM



#10
Methyl Iodide
Concen: 16.087 ug/l
RT: 3.91 min Scan# 675
Delta R.T. -0.01 min
Lab File: VN063185.D
Acq: 2 Sep 2020 11:00

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	98739		
127	47.4	37.6	56.4	
141	15.1	11.3	16.9	





#11

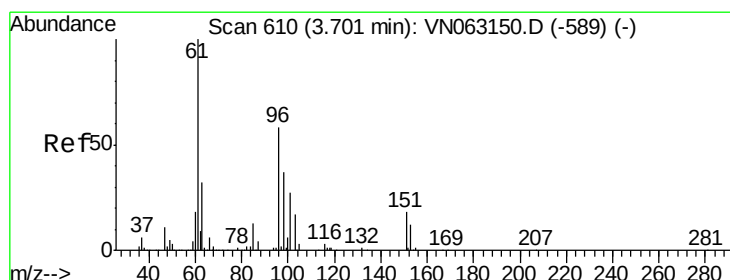
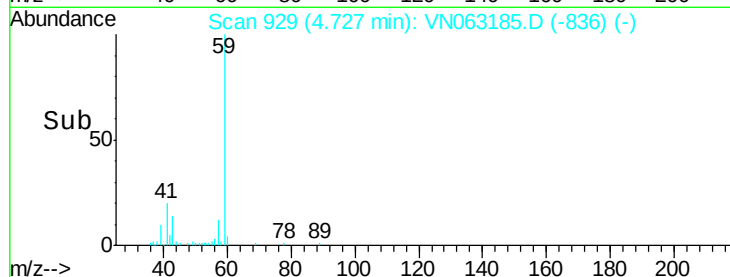
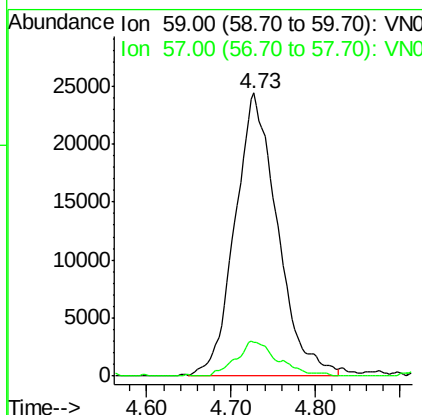
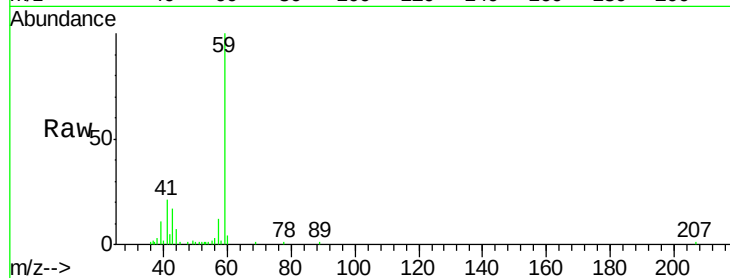
Tert butyl alcohol
 Concen: 102.086 ug/l
 RT: 4.73 min Scan# 929
 Delta R.T. 0.00 min
 Lab File: VN063185.D
 Acq: 2 Sep 2020 11:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0902WBS01

Tot Ion	59	Resp	85617
Ion Ratio	100	Lower	Upper
57	11.9	8.4	12.6

Manual Integrations
 APPROVED

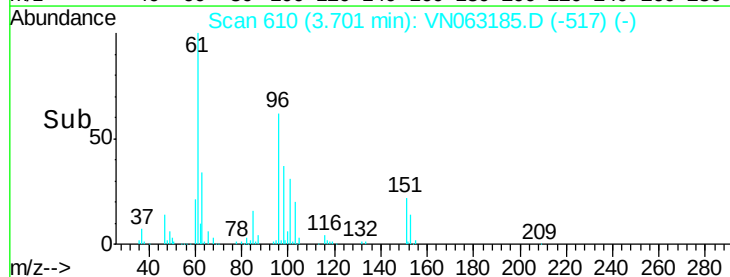
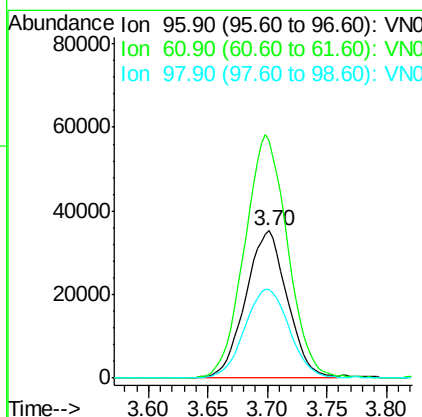
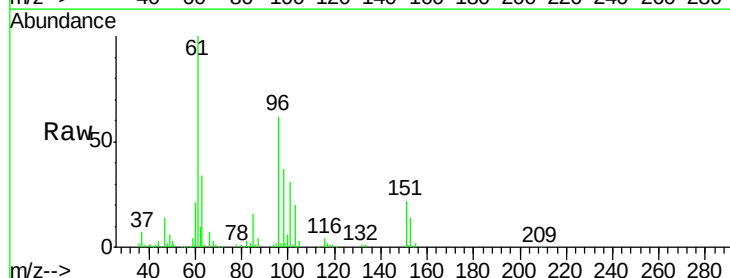
MMDadoda
 9/3/2020 9:28:45 AM

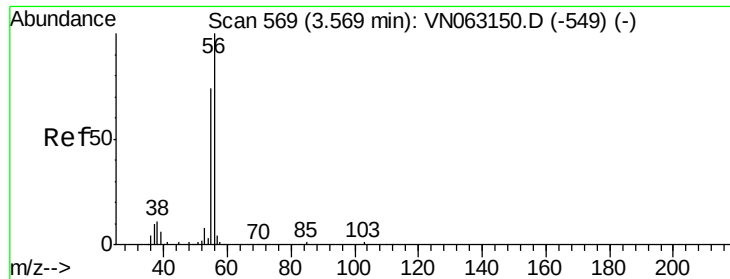


#12

1,1-Dichloroethene
 Concen: 18.758 ug/l
 RT: 3.70 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: VN063185.D
 Acq: 2 Sep 2020 11:00

Tgt Ion	96	Resp	86018
Ion Ratio	100	Lower	Upper
61	160.5	137.4	206.2
98	60.0	50.5	75.7





#13

Acrolein

Concen: 57.874 ug/l m

RT: 3.56 min Scan# 567

Delta R.T. -0.01 min

Lab File: VN063185.D

Acq: 2 Sep 2020 11:00

Instrument :

MSVOA_N

ClientSampled :

VN0902WBS01

Tot Ion: 56 Resp: 14349

Ion Ratio Lower Upper

56 100

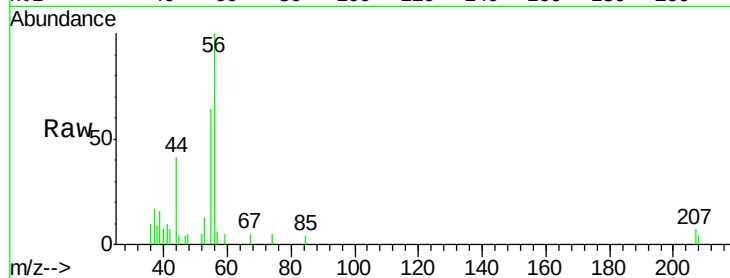
55 69.2 55.4 83.0

Manual Integrations

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MMDadoda

9/3/2020 9:28:45 AM

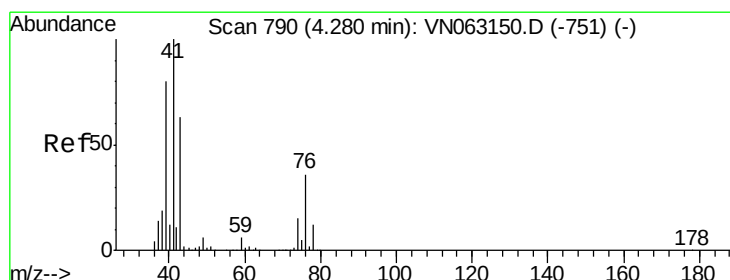
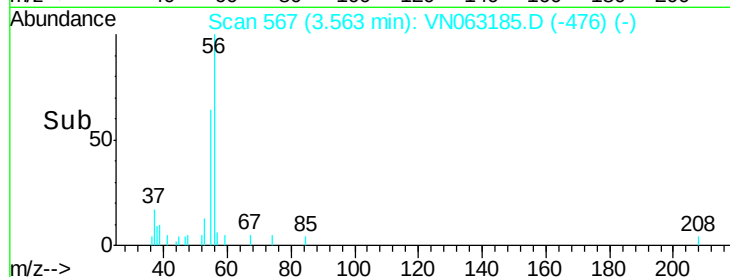


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.56

Time-->



#14

Allyl chloride

Concen: 18.485 ug/l

RT: 4.28 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN063185.D

Acq: 2 Sep 2020 11:00

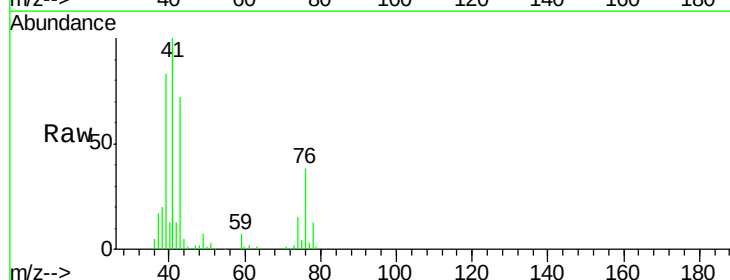
Tgt Ion: 41 Resp: 150548

Ion Ratio Lower Upper

41 100

39 79.6 60.2 90.2

76 35.1 27.7 41.5



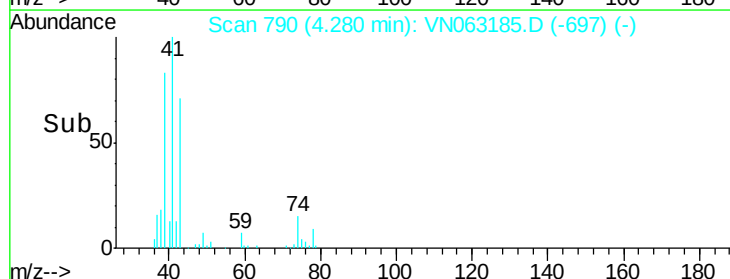
Abundance Ion 41.00 (40.70 to 41.70): VN0

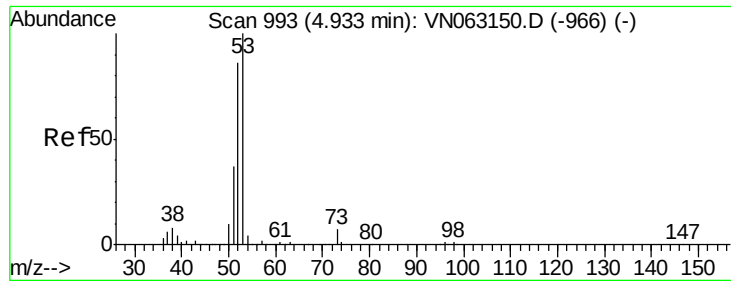
Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

4.28

Time-->





#15

Acrylonitrile

Concen: 91.209 ug/l

RT: 4.93 min Scan# 991

Delta R.T. -0.01 min

Lab File: VN063185.D

Acq: 2 Sep 2020 11:00

Instrument :

MSVOA_N

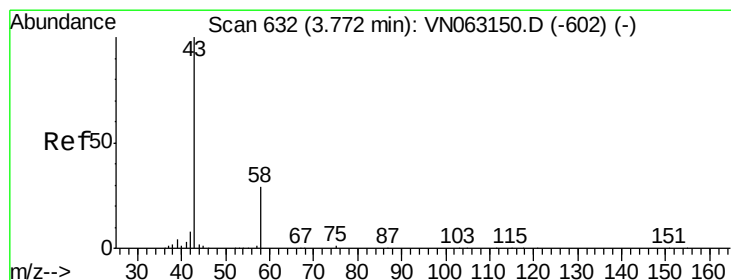
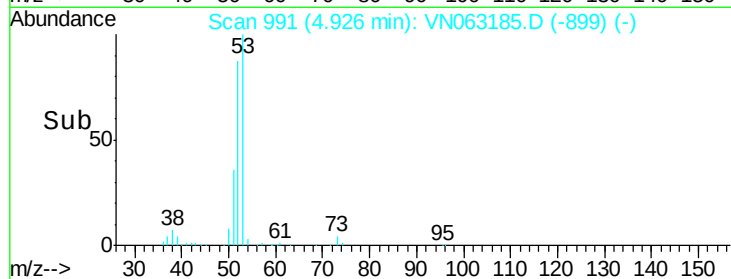
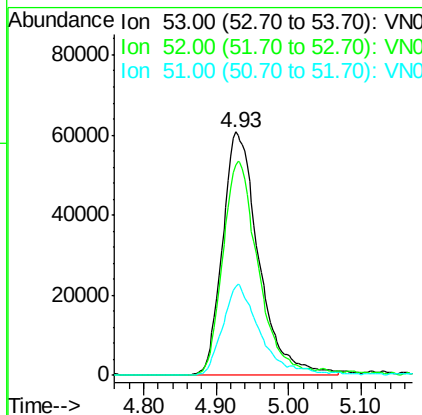
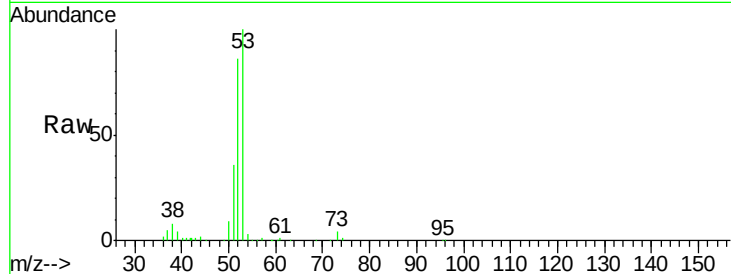
ClientSampleId :

VN0902WBS01

Tot Ion:	53	Resp:	210649
Ion	Ratio	Lower	Upper
53	100		
52	85.8	67.2	100.8
51	38.3	30.2	45.4

Manual Integrations
APPROVED

MMDadoda
9/3/2020 9:28:45 AM



#16

Acetone

Concen: 96.357 ug/l

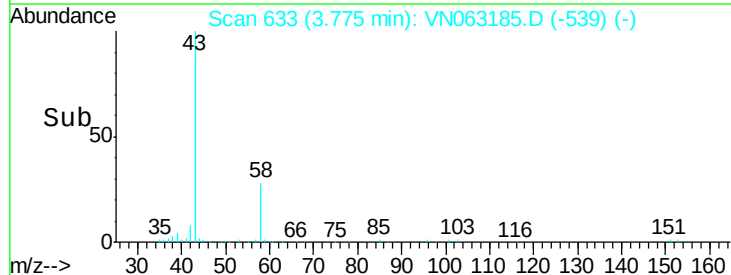
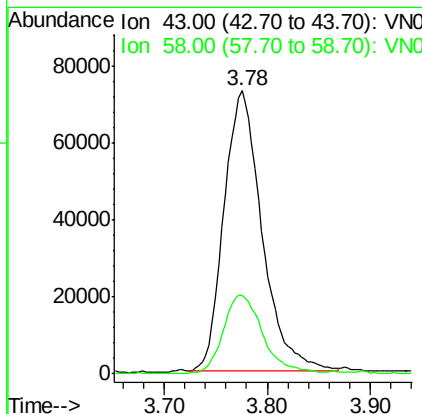
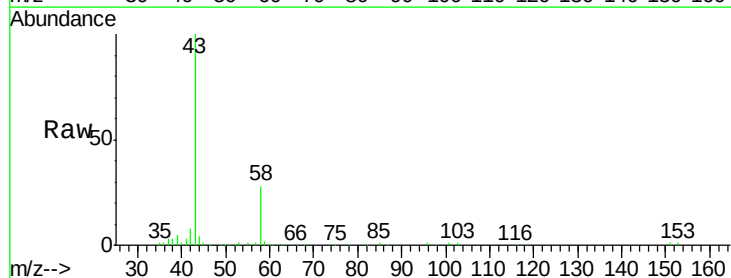
RT: 3.78 min Scan# 633

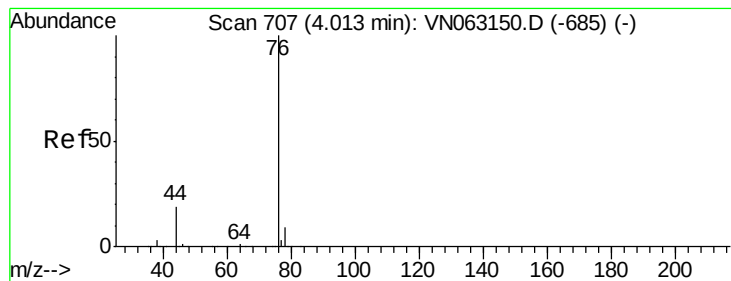
Delta R.T. 0.00 min

Lab File: VN063185.D

Acq: 2 Sep 2020 11:00

Tgt Ion:	43	Resp:	187150
Ion	Ratio	Lower	Upper
43	100		
58	27.6	23.1	34.7





#17

Carbon Disulfide

Concen: 17.654 ug/l

RT: 4.01 min Scan# 707

Delta R.T. 0.00 min

Lab File: VN063185.D

Acq: 2 Sep 2020 11:00

Instrument :

MSVOA_N

ClientSampleId :

VN0902WBS01

Tot Ion: 76 Resp: 240962

Ion Ratio Lower Upper

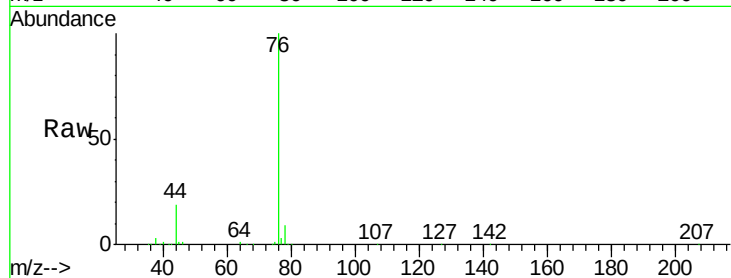
76 100

78 8.6 7.5 11.3

Manual Integrations
APPROVED

MMDadoda

9/3/2020 9:28:45 AM



Abundance Ion 75.90 (75.60 to 76.60): VNO

Ion 77.90 (77.60 to 78.60): VNO

4.01

100000

80000

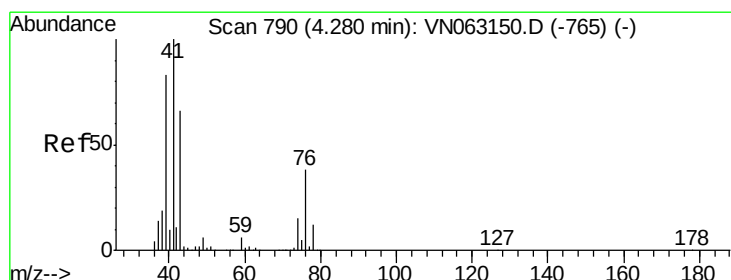
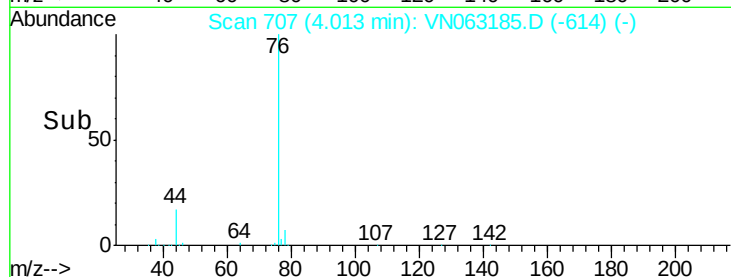
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 20.890 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063185.D

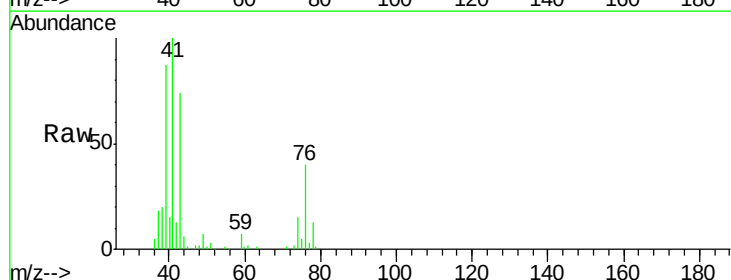
Acq: 2 Sep 2020 11:00

Tgt Ion: 43 Resp: 104032

Ion Ratio Lower Upper

43 100

74 22.5 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 74.00 (73.70 to 74.70): VNO

4.28

40000

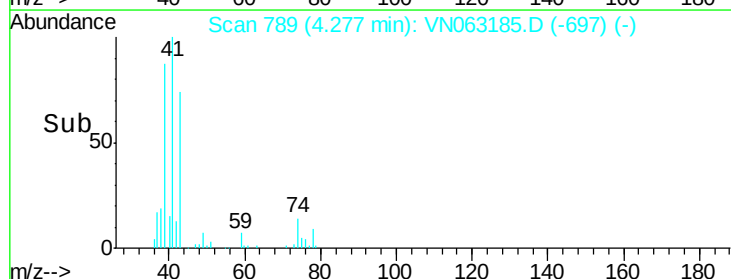
30000

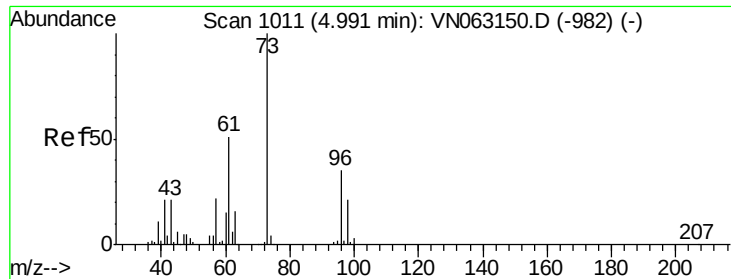
20000

10000

0

Time-->





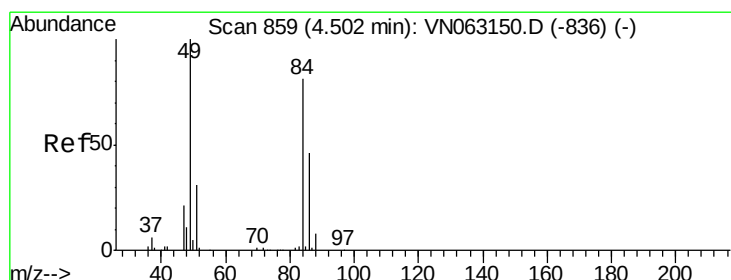
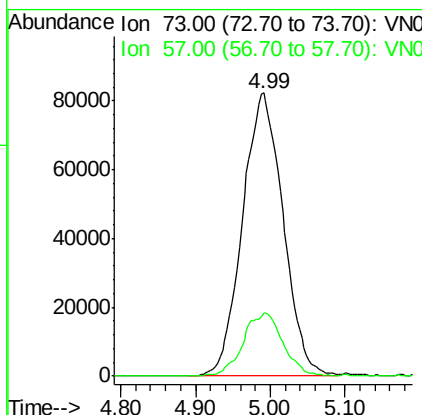
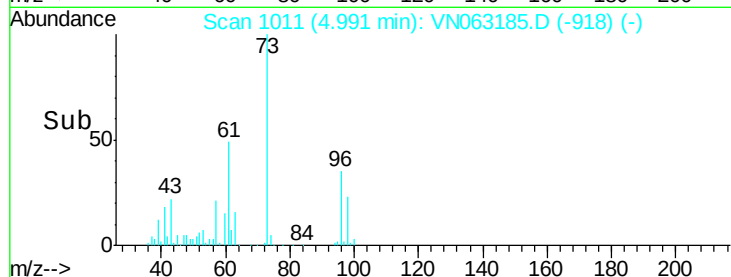
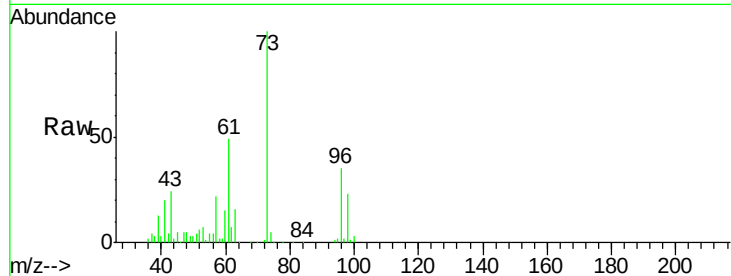
#19
Methvl tert-butyl Ether
Concen: 18.292 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN063185.D
Acq: 2 Sep 2020 11:00

Instrument :
MSVOA_N
ClientSampleId :
VN0902WBS01

Tot Ion: 73 Resp: 311166
Ion Ratio Lower Upper
73 100
57 22.3 17.6 26.4

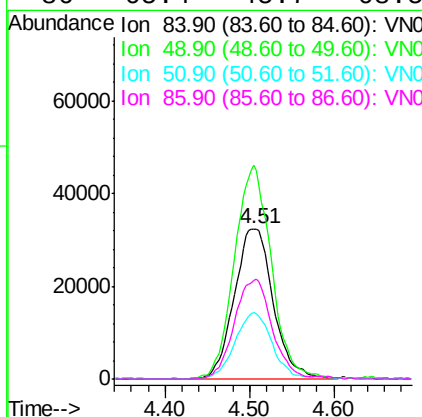
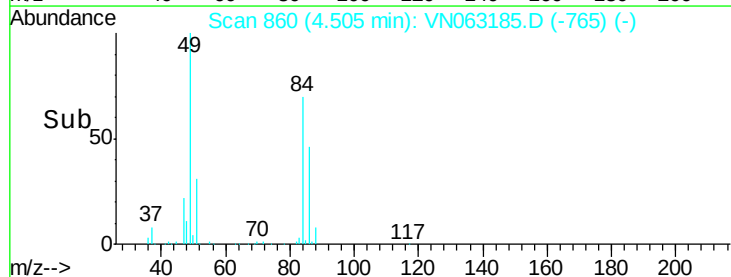
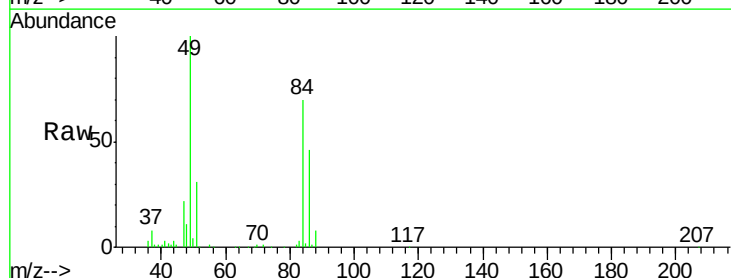
Manual Integrations
APPROVED

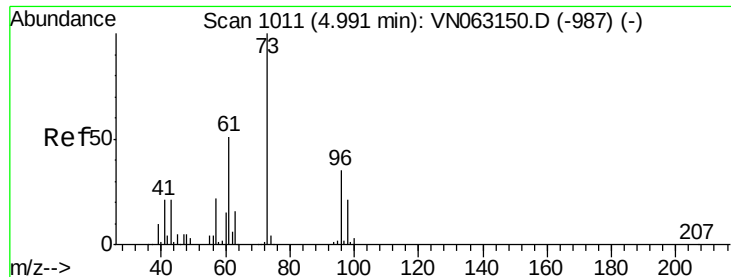
MMDadoda
9/3/2020 9:28:45 AM



#20
Methylene Chloride
Concen: 18.740 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN063185.D
Acq: 2 Sep 2020 11:00

Tgt Ion: 84 Resp: 104027
Ion Ratio Lower Upper
84 100
49 142.6 98.4 147.6
51 44.7 30.4 45.6
86 65.4 45.7 68.5





#21

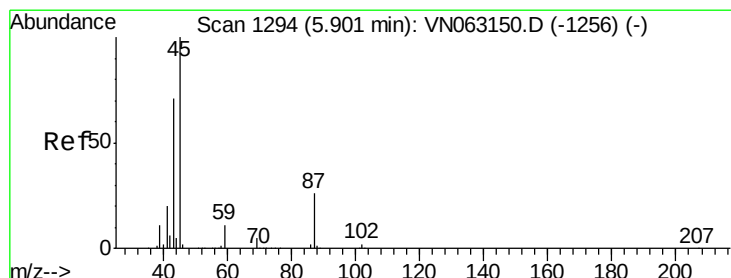
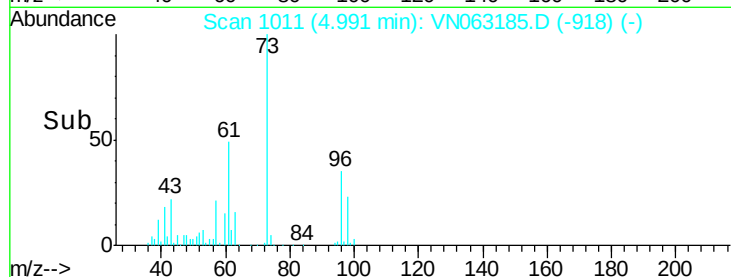
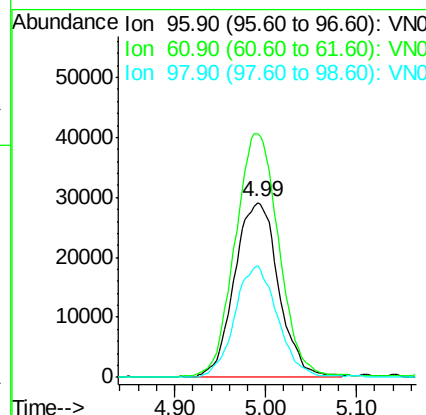
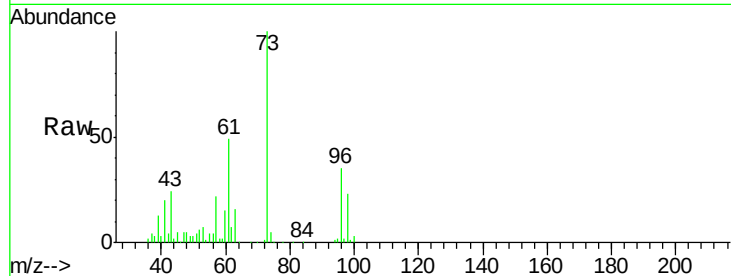
trans-1,2-Dichloroethene
Concen: 19.409 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN063185.D
Acq: 2 Sep 2020 11:00

Instrument :
MSVOA_N
ClientSampleId :
VN0902WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	138.0	116.2	174.4
98	63.8	48.0	72.0

Manual Integrations
APPROVED

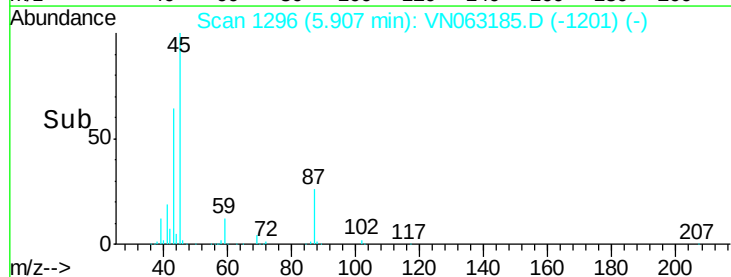
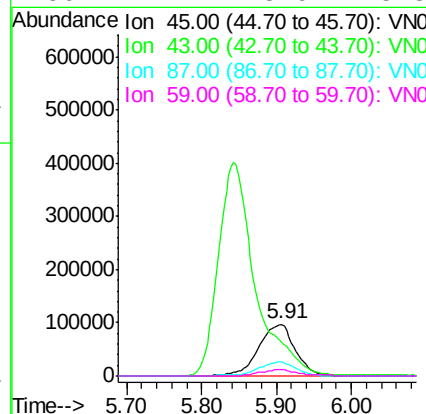
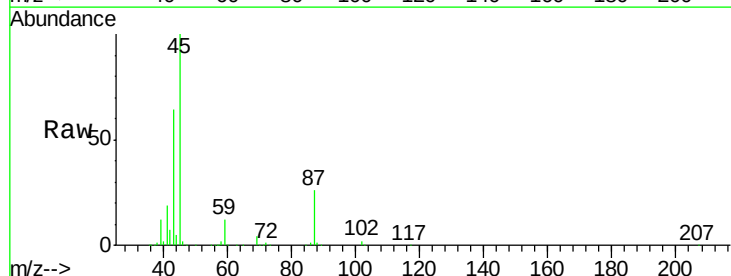
MMDadoda
9/3/2020 9:28:45 AM

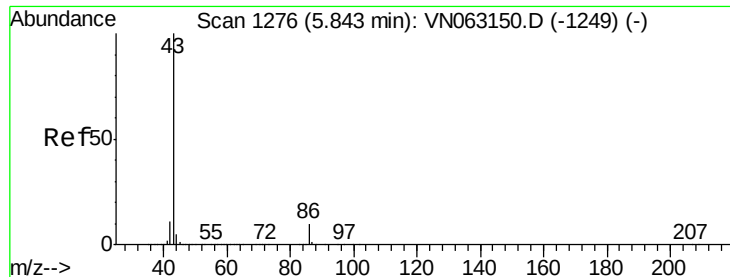


#22

Diisopropyl ether
Concen: 18.117 ug/l
RT: 5.91 min Scan# 1296
Delta R.T. 0.01 min
Lab File: VN063185.D
Acq: 2 Sep 2020 11:00

Tgt Ion	Ratio	Lower	Upper
45	100		
43	61.2	56.8	85.2
87	26.1	21.1	31.7
59	11.4	8.9	13.3





#23

Vinyl Acetate

Concen: 94.152 ug/l

RT: 5.84 min Scan# 1276

Delta R.T. 0.00 min

Lab File: VN063185.D

Acq: 2 Sep 2020 11:00

Instrument :

MSVOA_N

ClientSampleId :

VN0902WBS01

Tot Ion: 43 Resp: 1371068

Ion Ratio Lower Upper

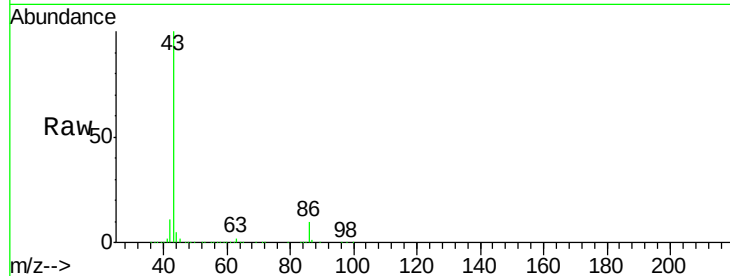
43 100

86 10.4 8.3 12.5

Manual Integrations
APPROVED

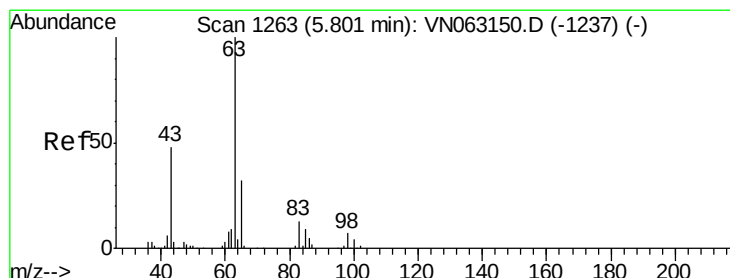
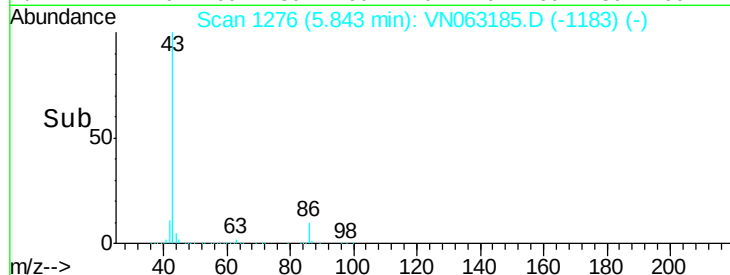
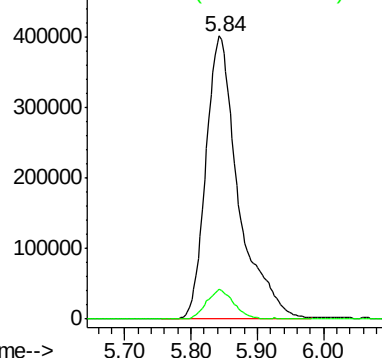
MMDadoda

9/3/2020 9:28:45 AM



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 18.355 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. -0.00 min

Lab File: VN063185.D

Acq: 2 Sep 2020 11:00

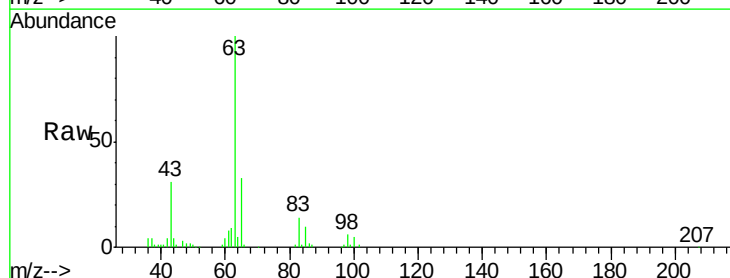
Tgt Ion: 63 Resp: 184674

Ion Ratio Lower Upper

63 100

98 6.2 3.4 10.1

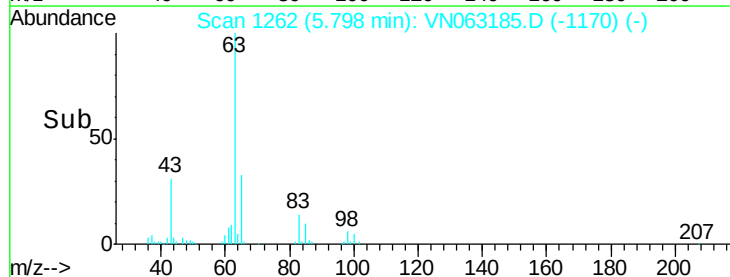
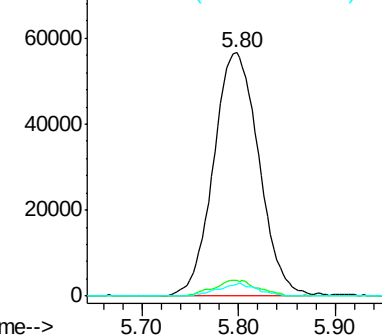
100 5.1 2.3 6.8

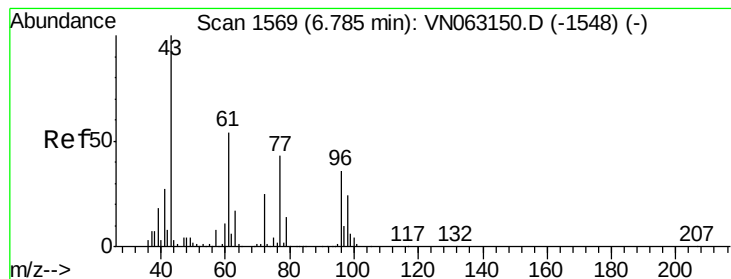


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 100.146 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.00 min

Lab File: VN063185.D

Acq: 2 Sep 2020 11:00

Instrument :

MSVOA_N

ClientSampleId :

VN0902WBS01

Tot Ion: 43 Resp: 301179

Ion Ratio Lower Upper

43 100

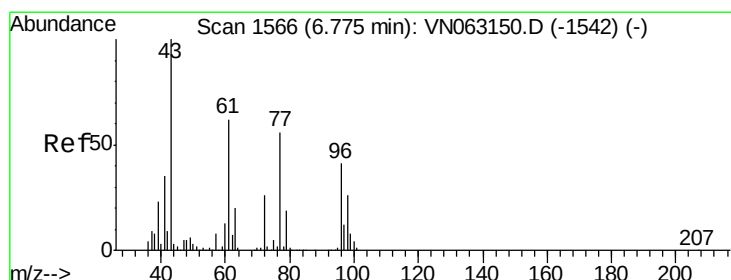
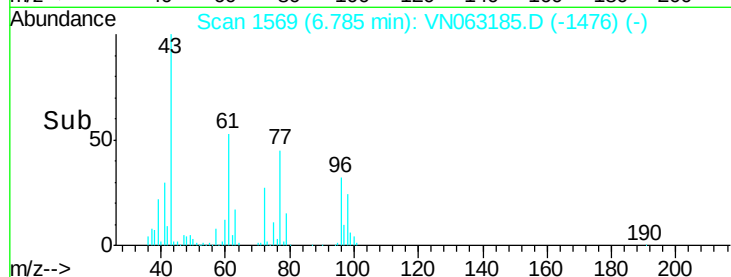
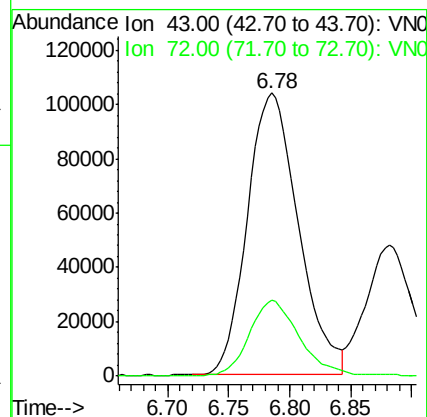
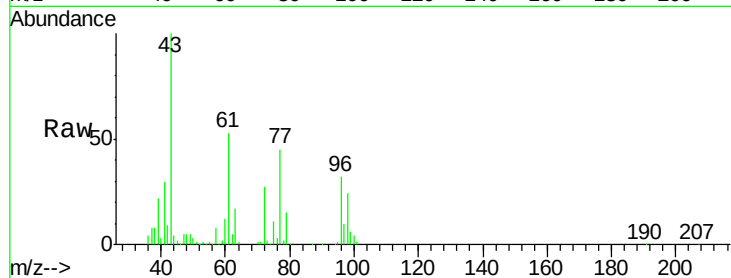
72 27.0 20.2 30.4

Manual Integrations

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MMDadoda

9/3/2020 9:28:45 AM



#26

2,2-Dichloropropane

Concen: 18.505 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN063185.D

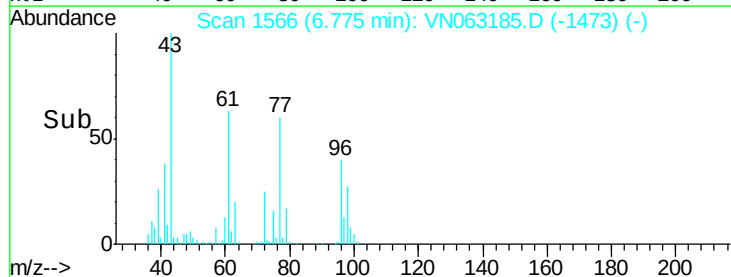
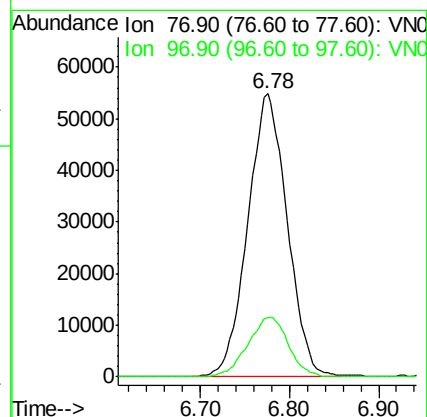
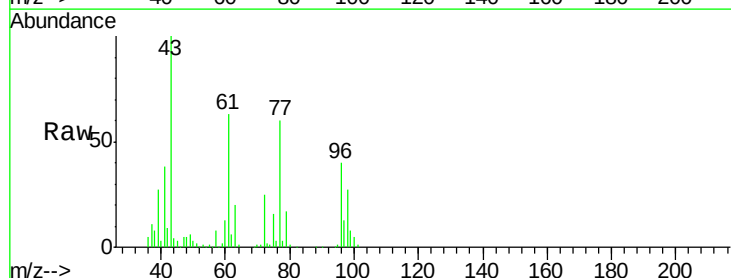
Acq: 2 Sep 2020 11:00

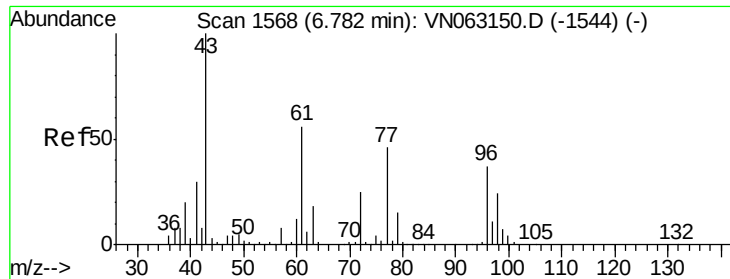
Tgt Ion: 77 Resp: 168681

Ion Ratio Lower Upper

77 100

97 21.6 10.7 31.9





#27

cis-1,2-Dichloroethene

Concen: 18.044 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. -0.01 min

Lab File: VN063185.D

Acq: 2 Sep 2020 11:00

Instrument :

MSVOA_N

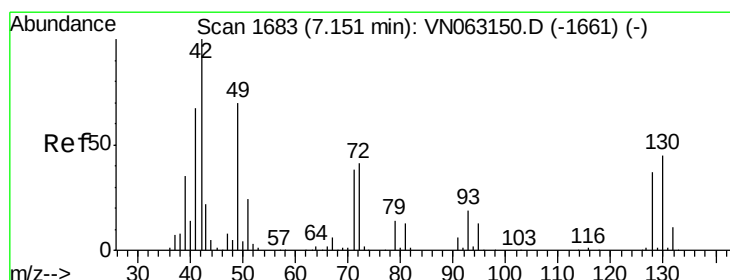
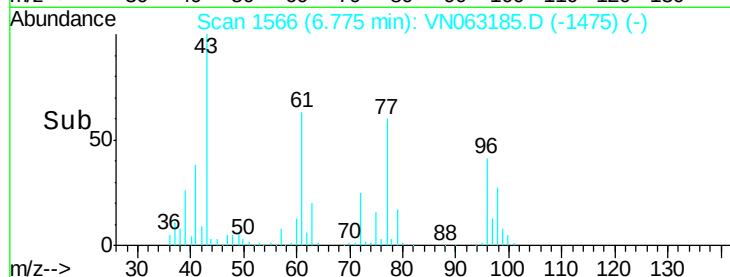
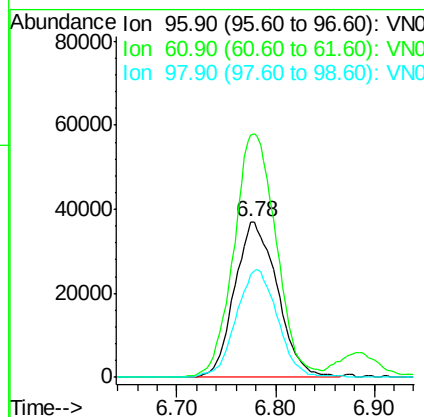
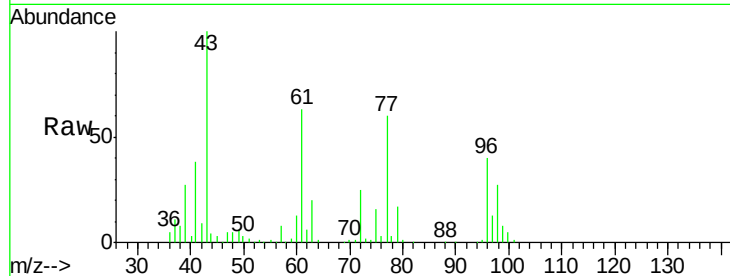
ClientSampleId :

VN0902WBS01

Tot Ion:	96	Resp:	111114
Ion Ratio	Lower	Upper	
96	100		
61	154.8	0.0	303.2
98	66.6	0.0	129.0

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#28

Bromochloromethane

Concen: 17.650 ug/l

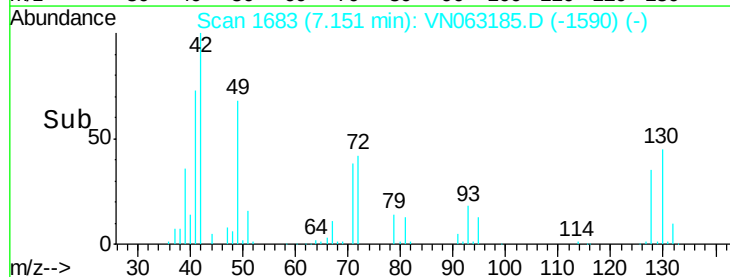
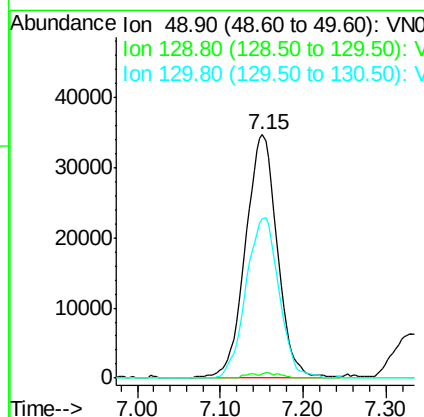
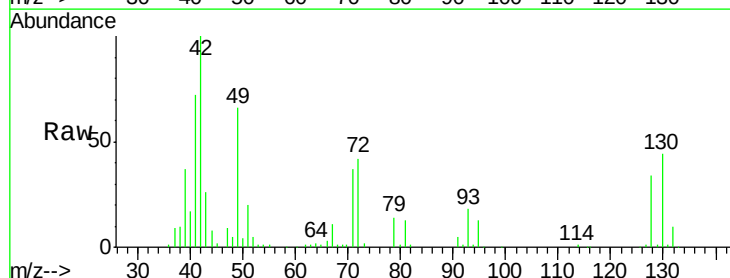
RT: 7.15 min Scan# 1683

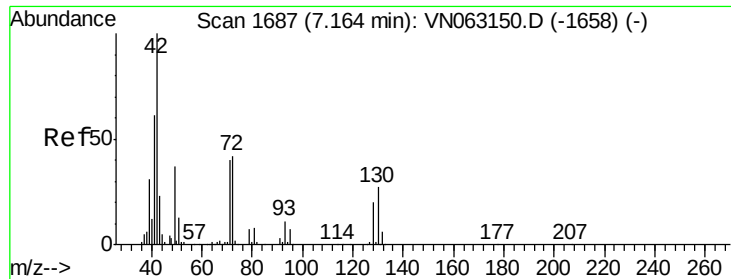
Delta R.T. 0.00 min

Lab File: VN063185.D

Acq: 2 Sep 2020 11:00

Tgt Ion:	49	Resp:	92775
Ion Ratio	Lower	Upper	
49	100		
129	1.2	0.0	4.0
130	68.1	54.4	81.6





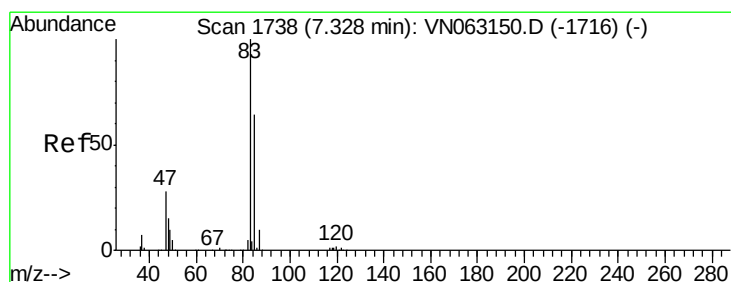
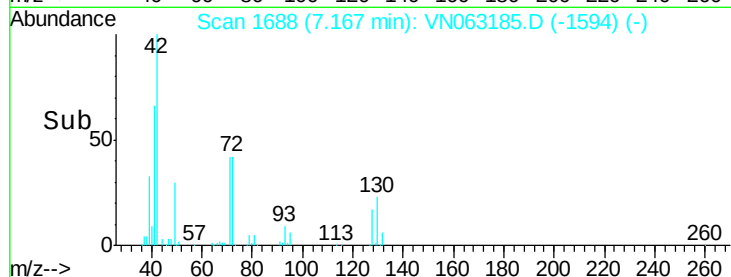
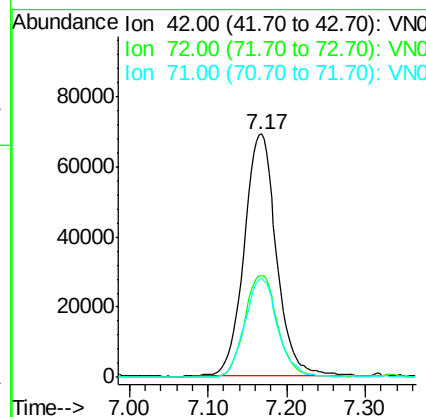
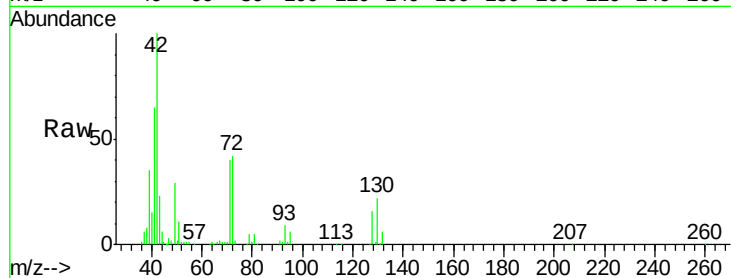
#29
Tetrahydrofuran
Concen: 95.773 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VN063185.D
Acq: 2 Sep 2020 11:00

Instrument :
MSVOA_N
ClientSampleId :
VN0902WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.1	33.9	50.9
71	41.7	31.9	47.9

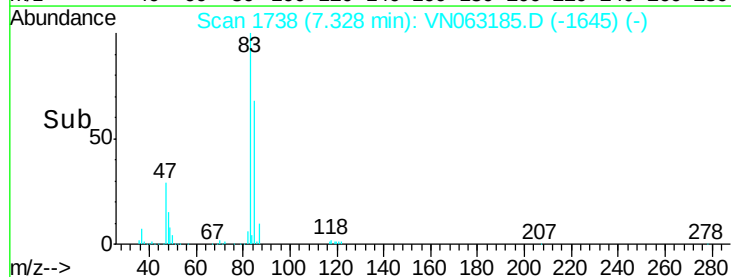
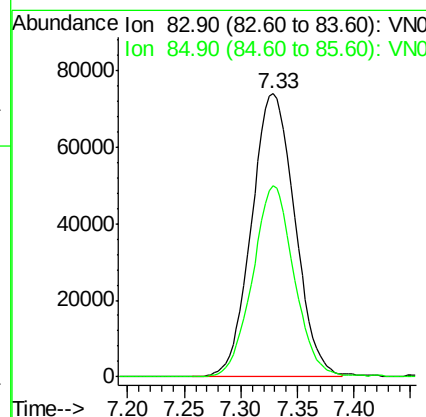
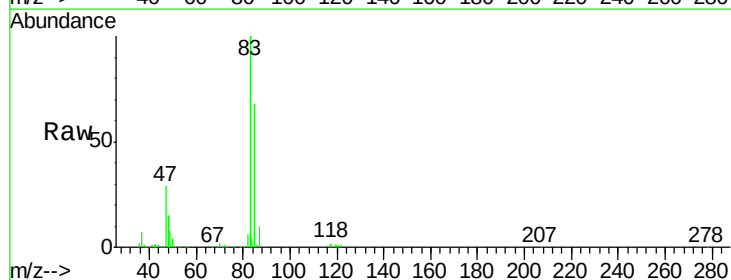
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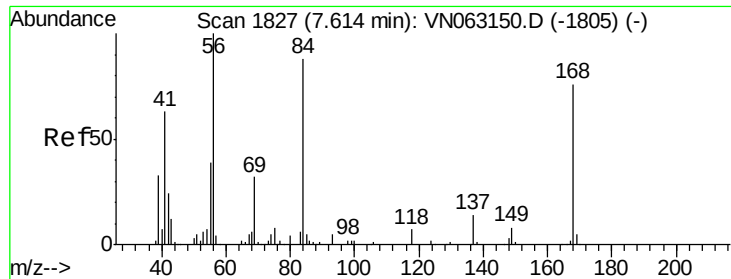
MMDadoda
9/3/2020 9:28:45 AM



#30
Chloroform
Concen: 18.681 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN063185.D
Acq: 2 Sep 2020 11:00

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.6	51.0	76.6





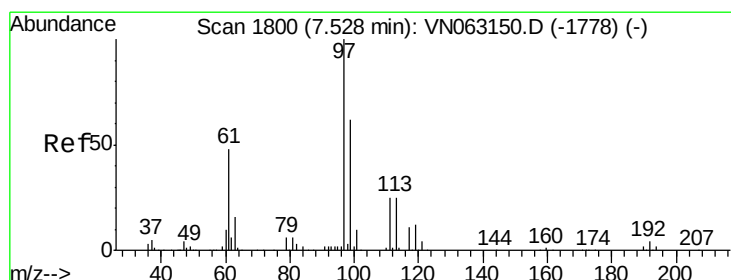
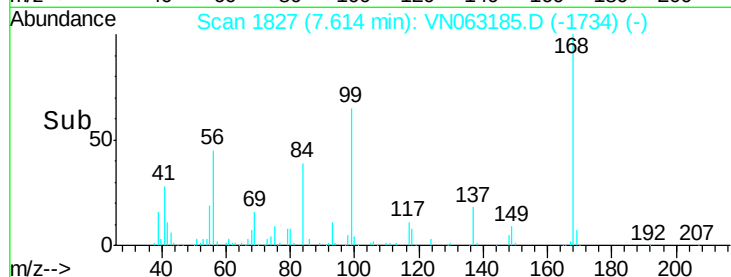
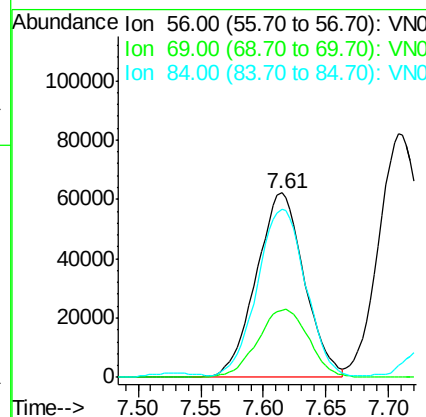
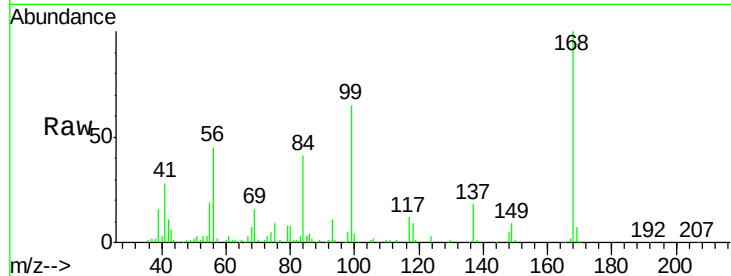
#31
Cyclohexane
Concen: 17.585 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. 0.00 min
Lab File: VN063185.D
Acq: 2 Sep 2020 11:00

Instrument :
MSVOA_N
ClientSampleId :
VN0902WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	36.5	25.4	38.0
84	89.5	70.2	105.4

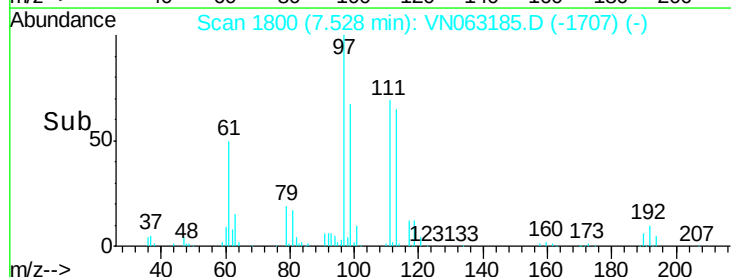
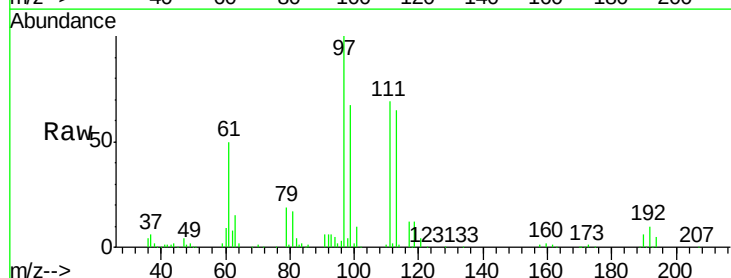
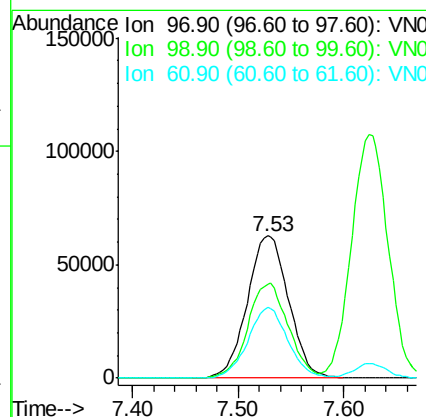
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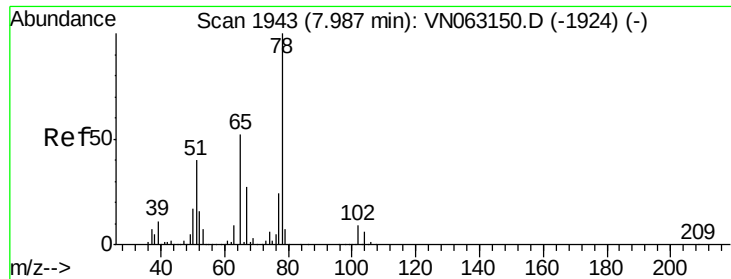
MMDadoda
9/3/2020 9:28:45 AM



#32
1,1,1-Trichloroethane
Concen: 18.866 ug/l
RT: 7.53 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VN063185.D
Acq: 2 Sep 2020 11:00

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.0	50.8	76.2
61	48.0	37.4	56.2





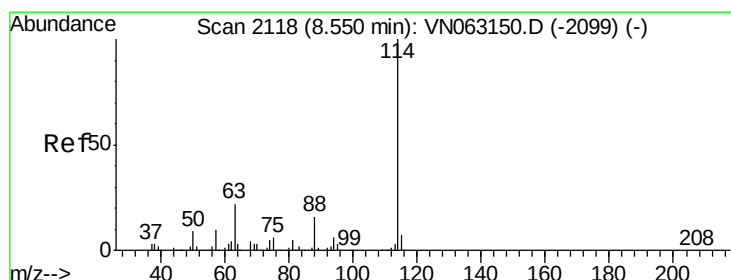
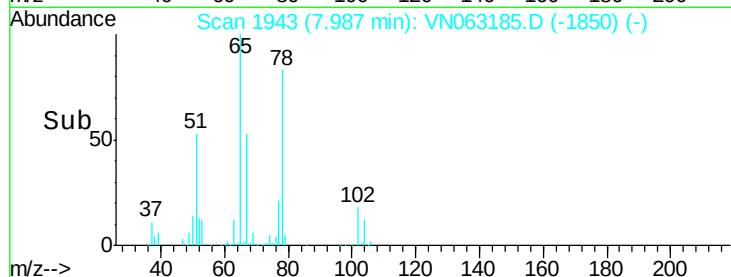
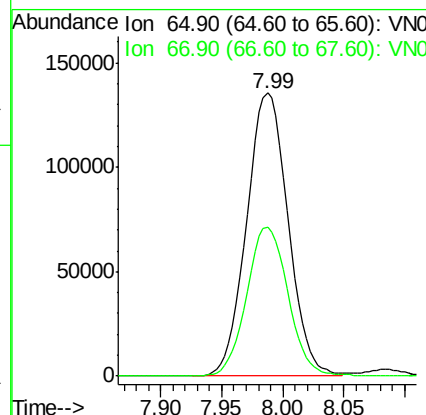
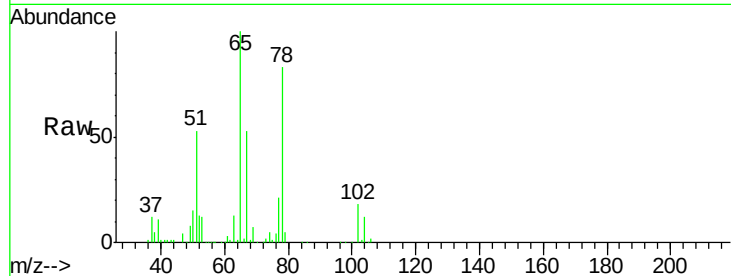
#33
 1,2-Dichloroethane-d4
 Concen: 46.770 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN063185.D
 Acq: 2 Sep 2020 11:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0902WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	52.5	0.0	104.4	

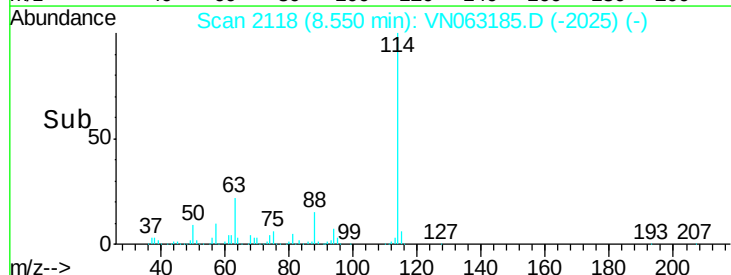
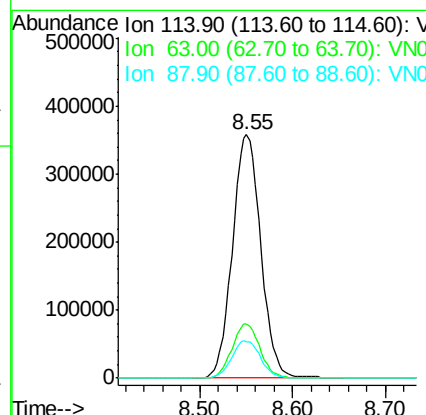
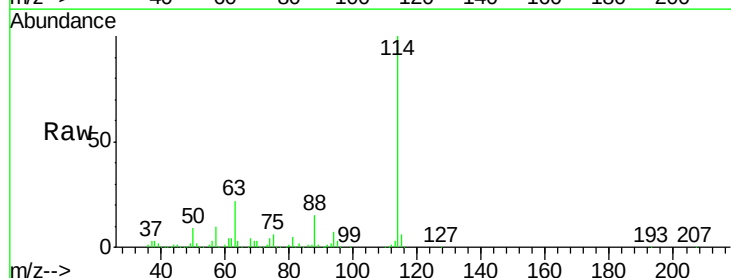
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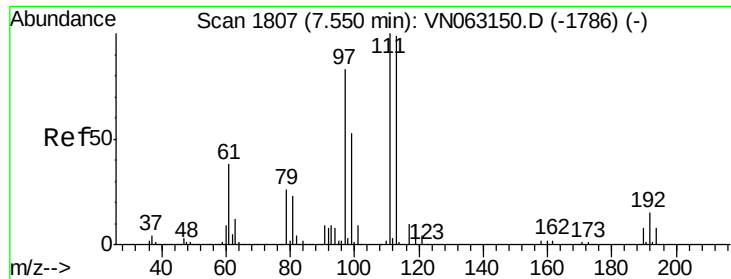
MMDadoda
 9/3/2020 9:28:45 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN063185.D
 Acq: 2 Sep 2020 11:00

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	22.4	0.0	43.0	
88	15.1	0.0	31.6	





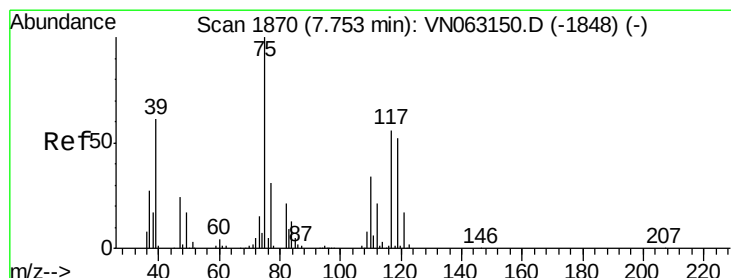
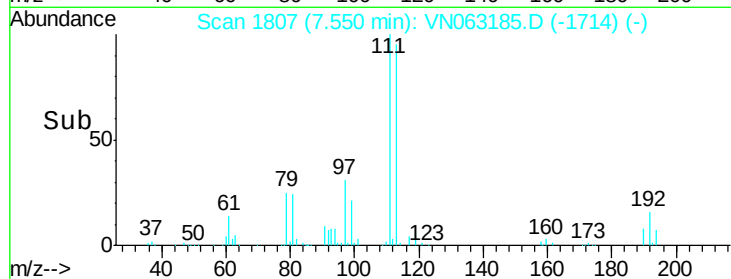
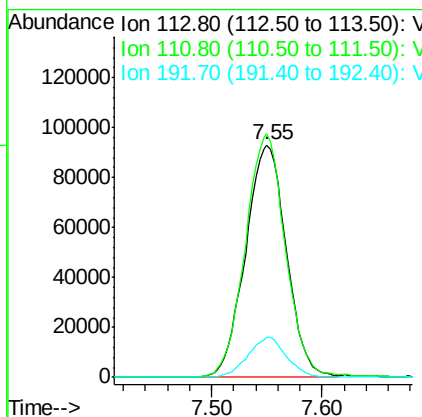
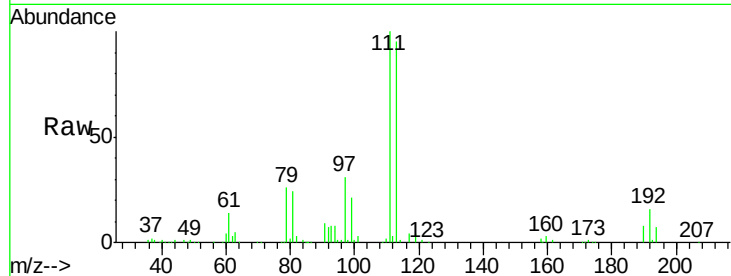
#35
 Dibromofluoromethane
 Concen: 48.993 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063185.D
 Acq: 2 Sep 2020 11:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0902WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	238542		
111	103.0	80.7	121.1	
192	16.3	12.6	19.0	

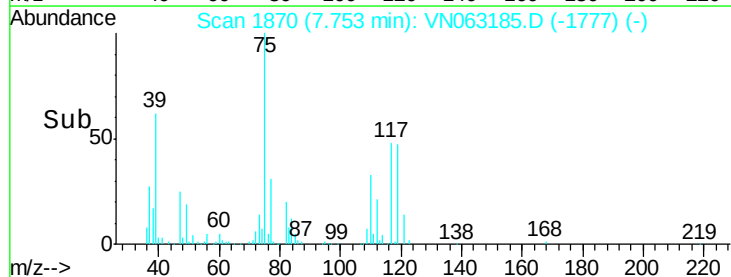
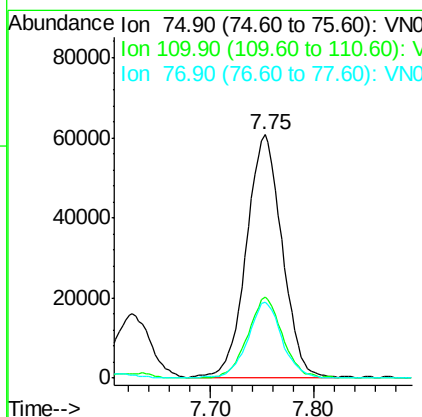
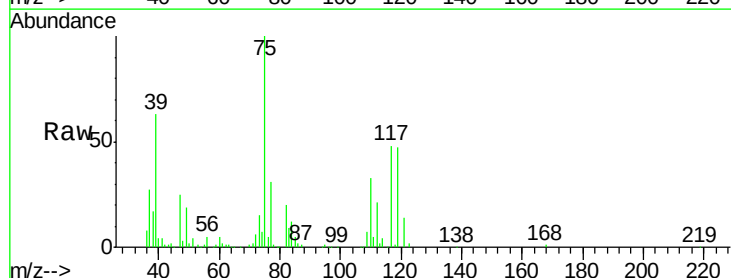
Manual Integrations
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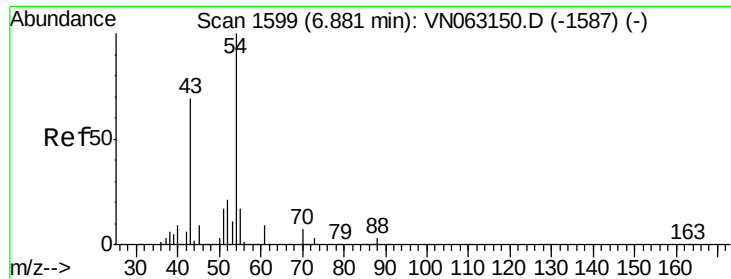
MMDadoda
 9/3/2020 9:28:45 AM



#36
 1,1-Dichloropropene
 Concen: 19.886 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. 0.00 min
 Lab File: VN063185.D
 Acq: 2 Sep 2020 11:00

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	145088		
110	32.4	16.6	49.8	
77	30.3	25.4	38.2	





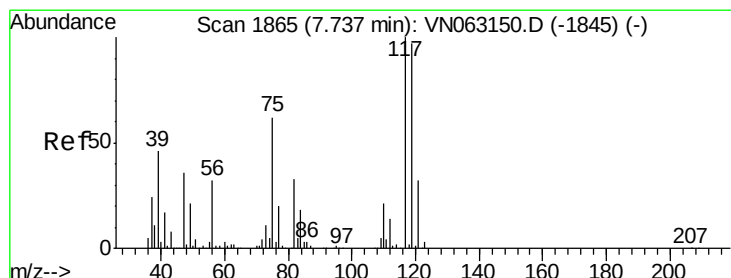
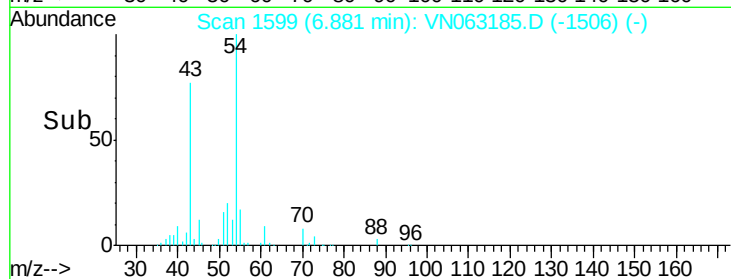
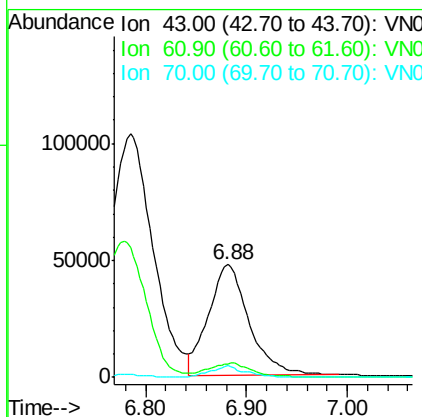
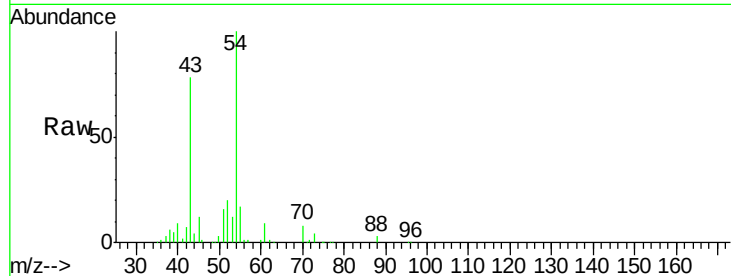
#37
Ethyl Acetate
Concen: 19.430 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VN063185.D
Acq: 2 Sep 2020 11:00

Instrument :
MSVOA_N
ClientSampleId :
VN0902WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	10.9	10.2	15.4
70	9.2	3.0	4.6#

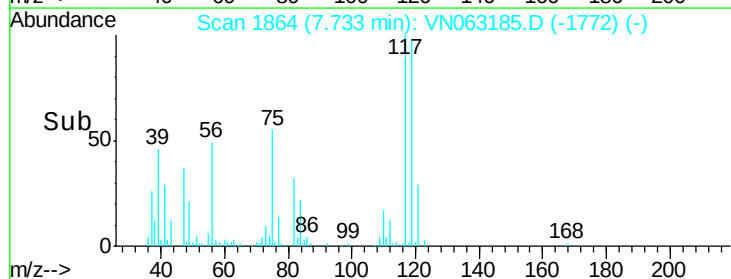
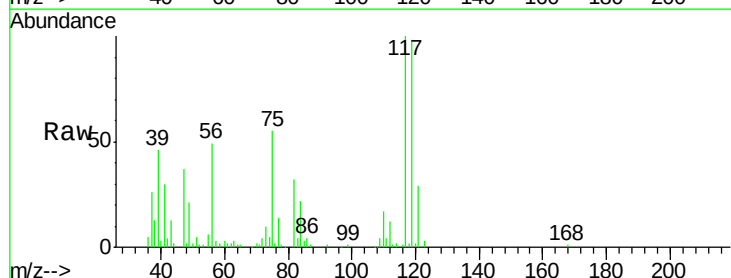
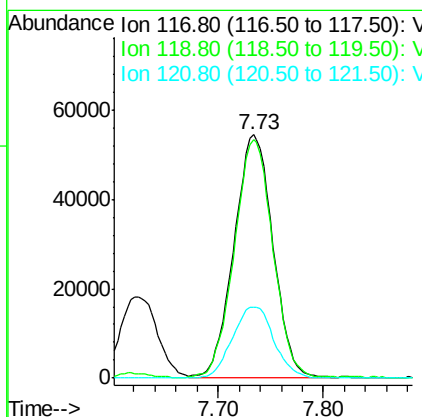
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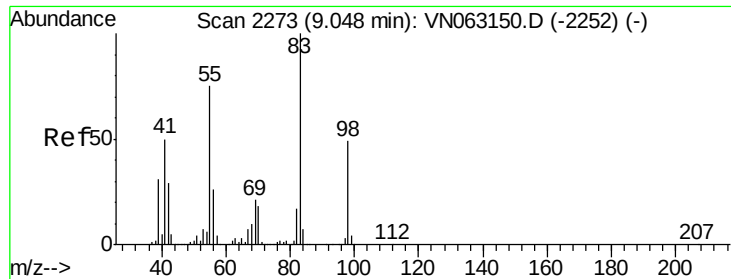
MMDadoda
9/3/2020 9:28:45 AM



#38
Carbon Tetrachloride
Concen: 18.820 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN063185.D
Acq: 2 Sep 2020 11:00

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.1	77.2	115.8
121	29.1	25.6	38.4





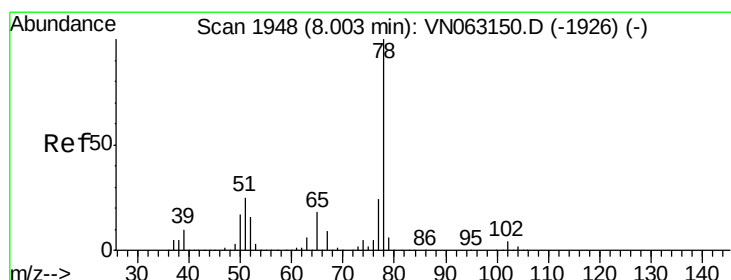
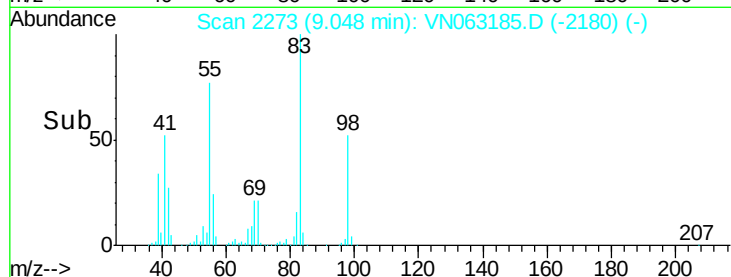
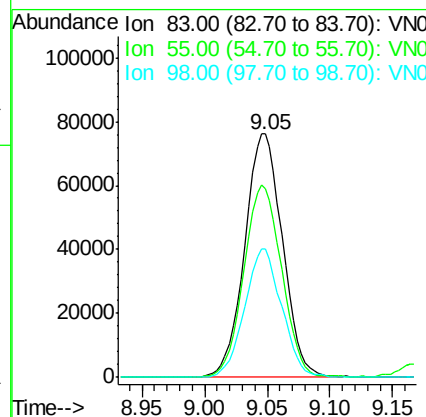
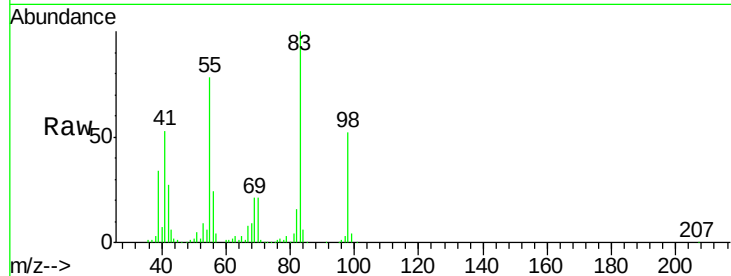
#39
Methylvlcyclohexane
Concen: 19.448 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN063185.D
Acq: 2 Sep 2020 11:00

Instrument :
MSVOA_N
ClientSampled :
VN0902WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.4	60.3	90.5
98	52.5	38.9	58.3

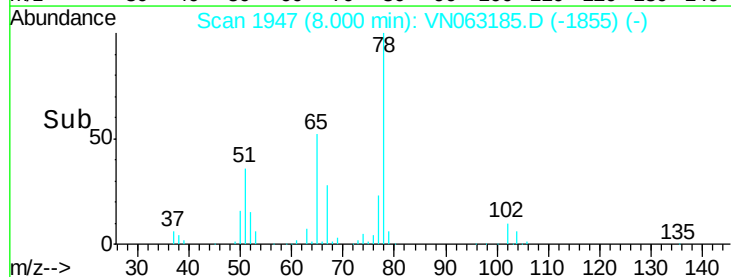
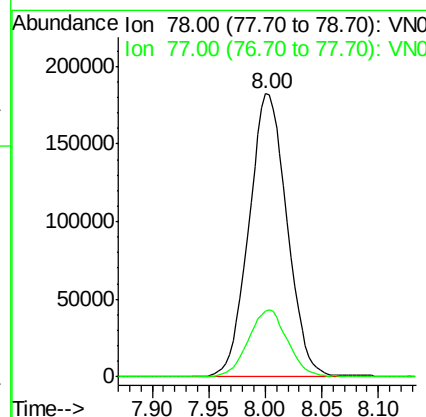
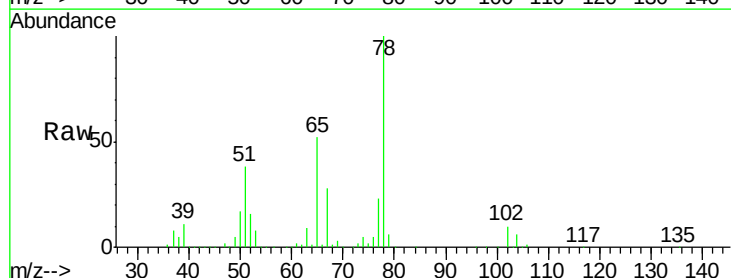
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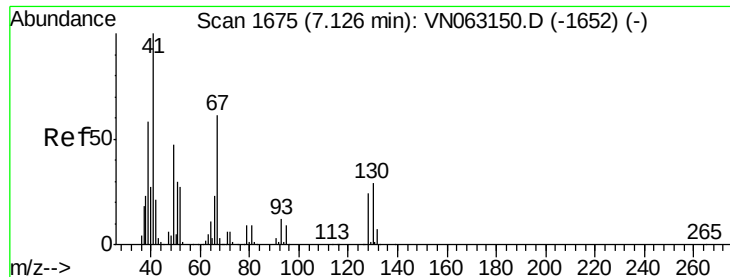
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#40
Benzene
Concen: 19.918 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN063185.D
Acq: 2 Sep 2020 11:00

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.3	28.9





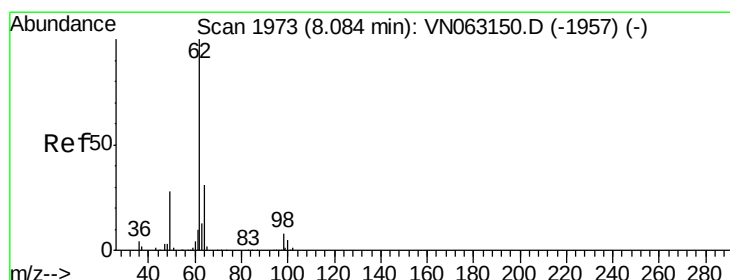
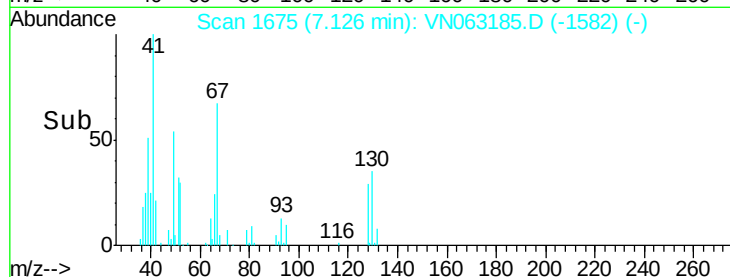
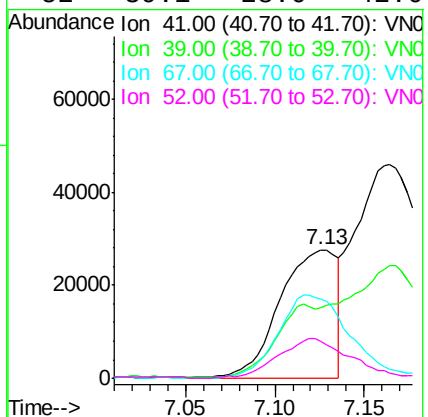
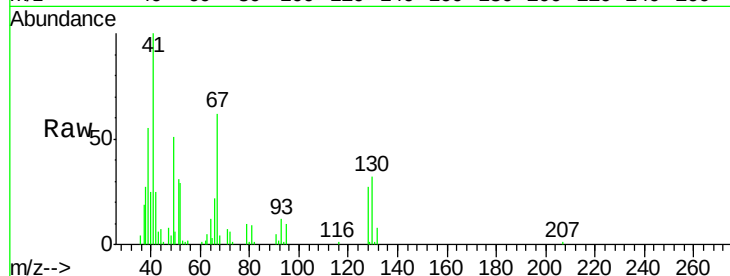
#41
Methacrylonitrile
Concen: 20.049 ug/l
RT: 7.13 min Scan# 1675
Delta R.T. 0.00 min
Lab File: VN063185.D
Acq: 2 Sep 2020 11:00

Instrument :
MSVOA_N
ClientSampleId :
VN0902WBS01

Tot Ion	41	Resp:	61622
Ion Ratio	Lower	Upper	
41	100		
39	38.8	46.6	70.0#
67	81.9	62.6	94.0
52	39.1	28.0	42.0

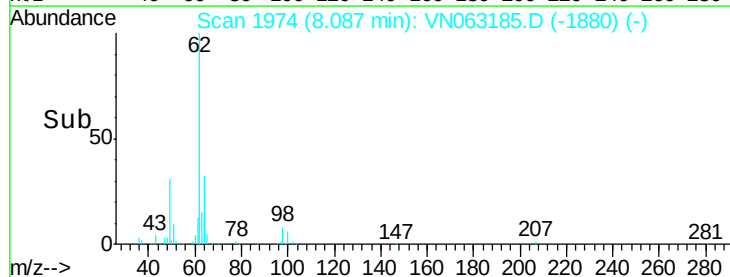
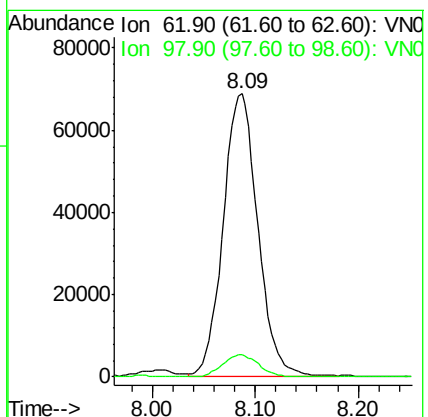
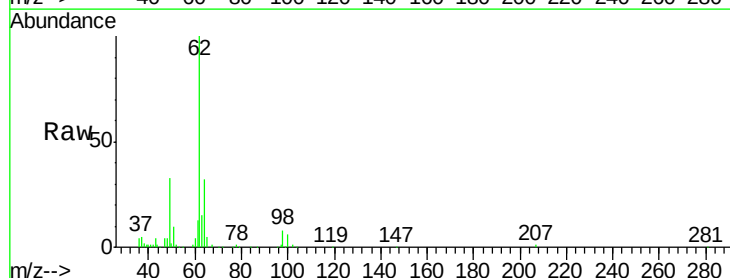
Manual Integrations
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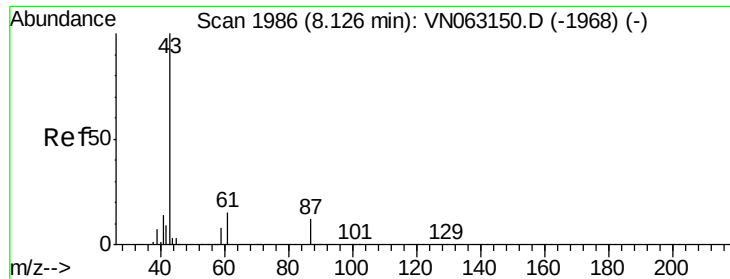
MMDadoda
9/3/2020 9:28:45 AM



#42
1,2-Dichloroethane
Concen: 19.902 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN063185.D
Acq: 2 Sep 2020 11:00

Tgt Ion	62	Resp:	159390
Ion Ratio	Lower	Upper	
62	100		
98	8.1	0.0	17.2





#43

Isopropyl Acetate

Concen: 19.794 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN063185.D

Acq: 2 Sep 2020 11:00

Instrument :

MSVOA_N

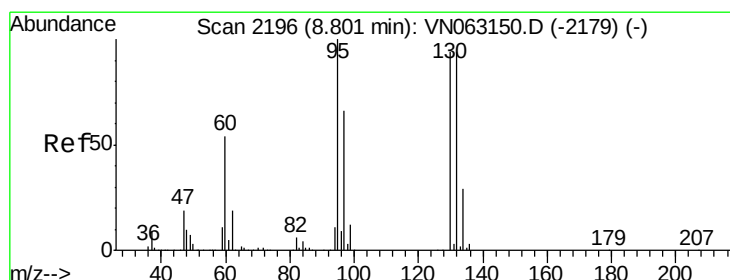
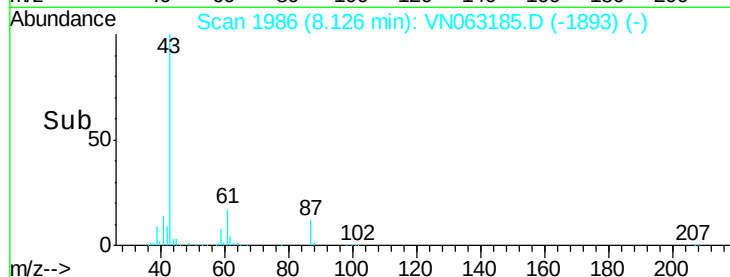
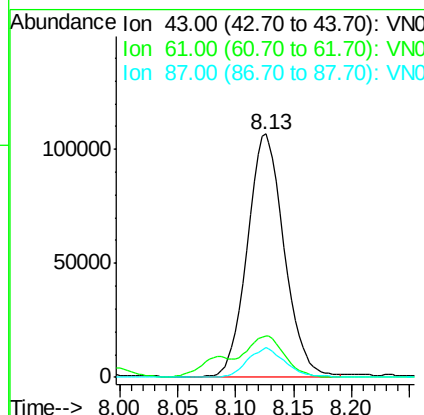
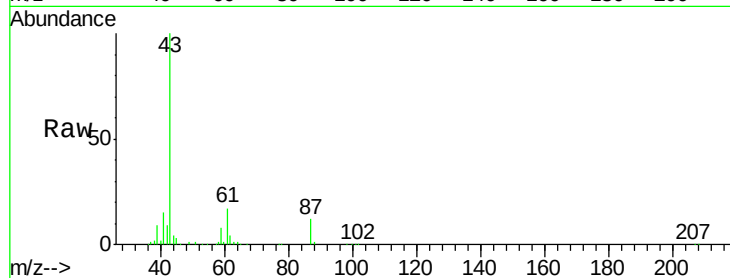
ClientSampleId :

VN0902WBS01

Tot Ion:	43	Resp:	235523
Ion	Ratio	Lower	Upper
43	100		
61	17.0	20.2	30.4#
87	12.3	9.8	14.6

Manual Integrations
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MMDadoda
9/3/2020 9:28:45 AM



#44

Trichloroethene

Concen: 21.762 ug/l

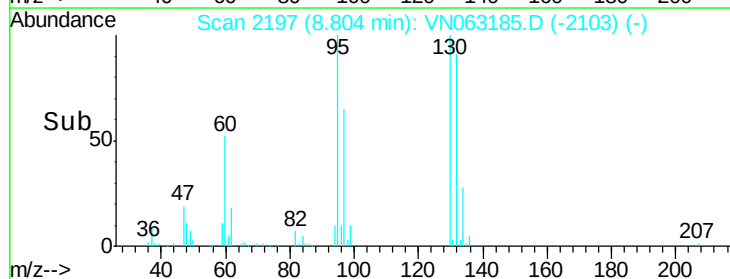
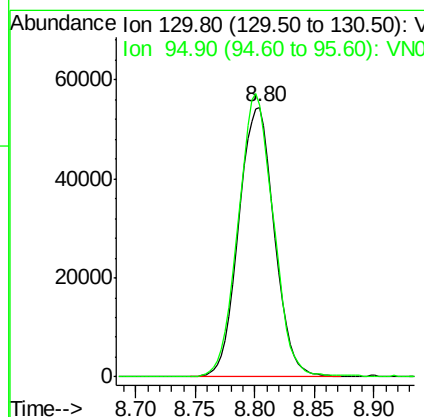
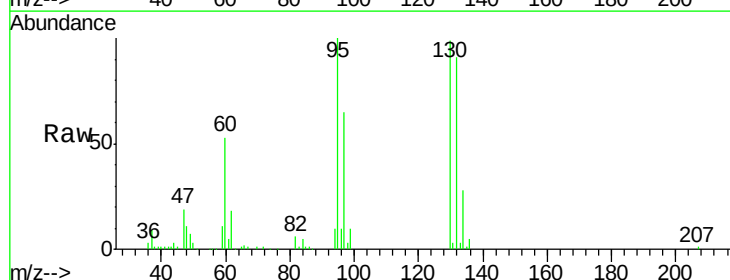
RT: 8.80 min Scan# 2197

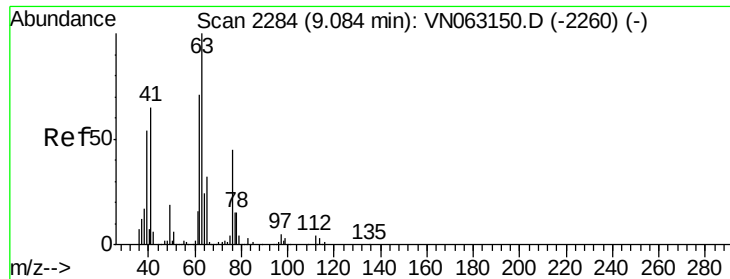
Delta R.T. 0.00 min

Lab File: VN063185.D

Acq: 2 Sep 2020 11:00

Tgt Ion:	130	Resp:	113169
Ion	Ratio	Lower	Upper
130	100		
95	100.7	0.0	212.0





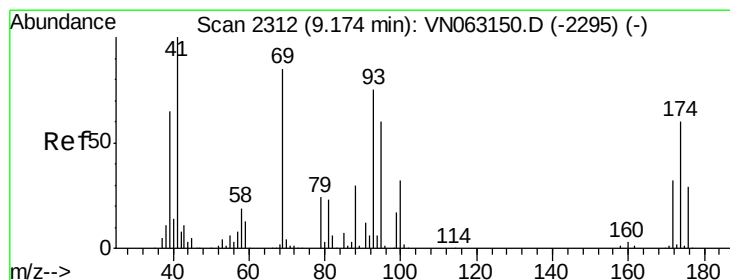
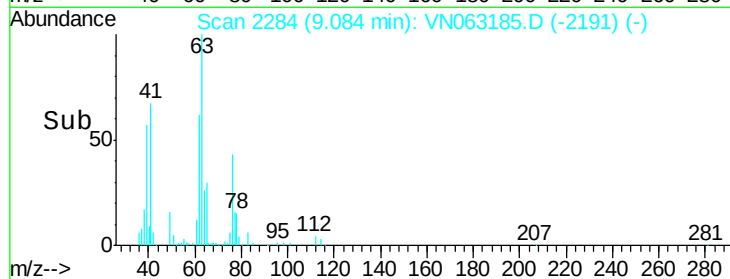
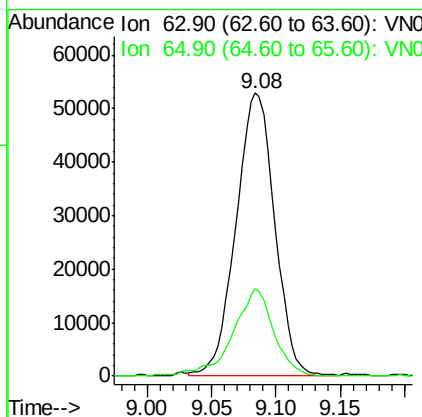
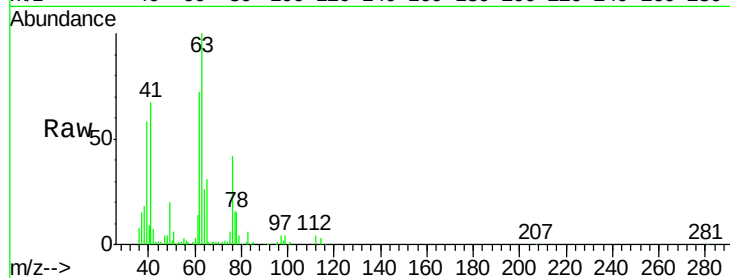
#45
 1,2-Dichloropropane
 Concen: 19.276 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN063185.D
 Acq: 2 Sep 2020 11:00

Instrument :
 MSVOA_N
 ClientSampled :
 VN0902WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.8	25.4	38.0

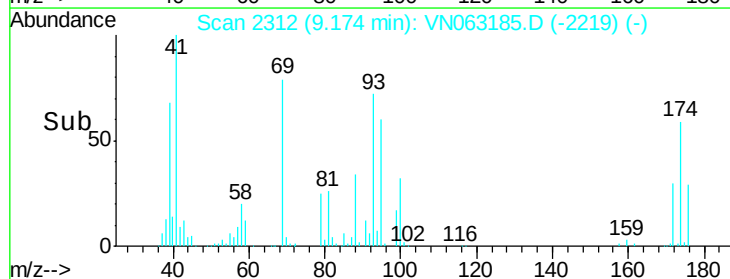
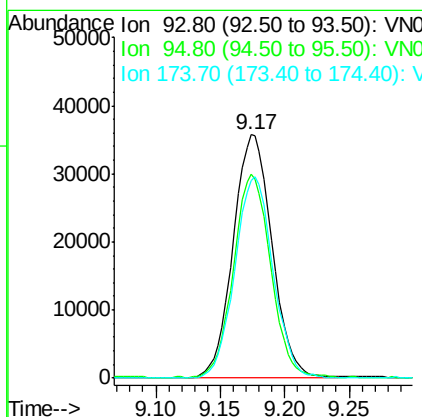
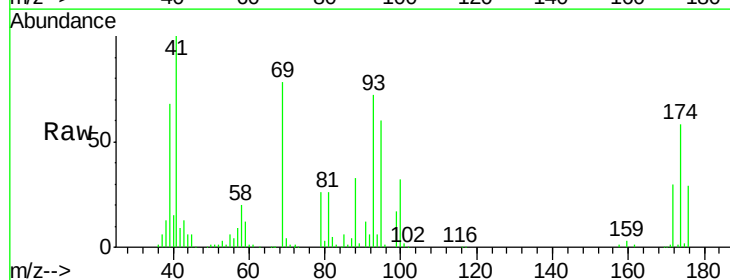
Manual Integrations
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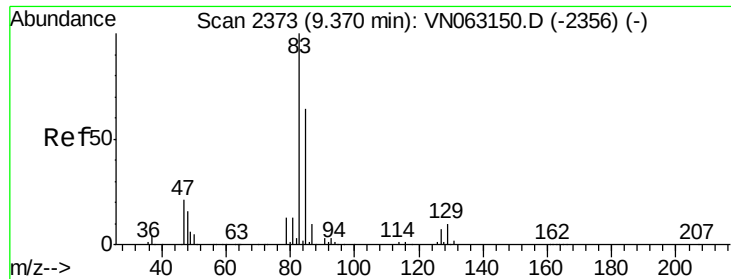
MMDadoda
 9/3/2020 9:28:45 AM



#46
 Dibromomethane
 Concen: 19.999 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN063185.D
 Acq: 2 Sep 2020 11:00

Tgt Ion	Ratio	Lower	Upper
93	100		
95	80.6	65.2	97.8
174	81.1	64.6	97.0





#47

Bromodichloromethane

Concen: 19.502 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN063185.D

Acq: 2 Sep 2020 11:00

Instrument :

MSVOA_N

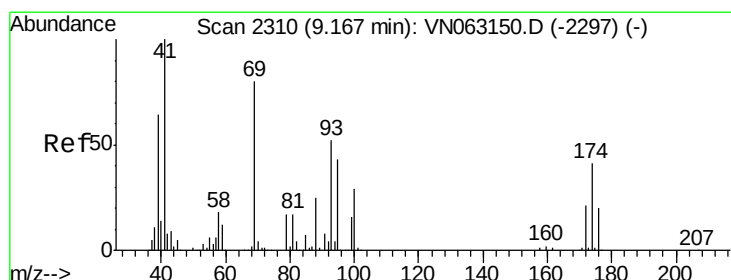
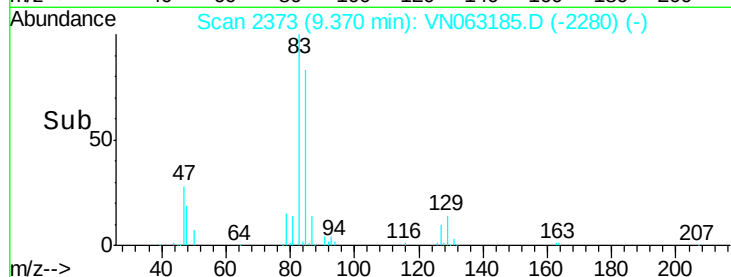
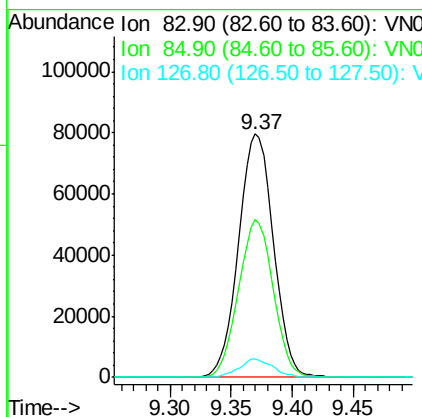
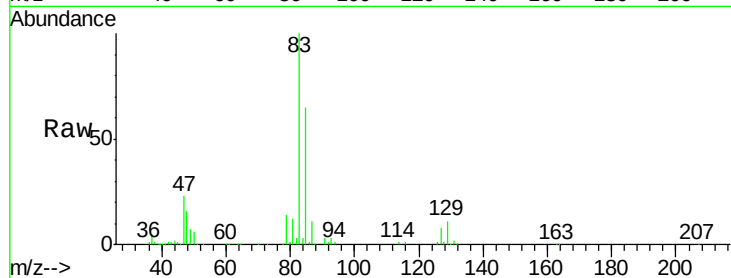
ClientSampled :

VN0902WBS01

Tot Ion:	83	Resp:	157252
Ion	Ratio	Lower	Upper
83	100		
85	64.7	51.0	76.6
127	7.7	5.7	8.5

Manual Integrations
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MMDadoda
9/3/2020 9:28:45 AM



#48

Methyl methacrylate

Concen: 19.422 ug/l

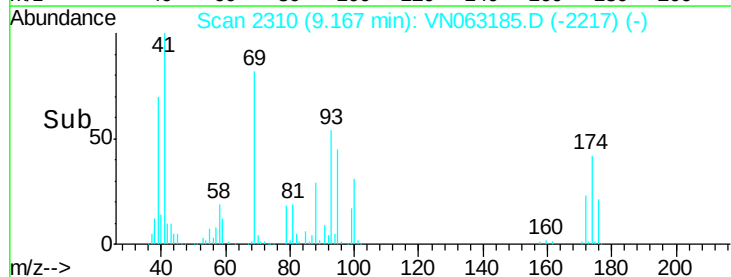
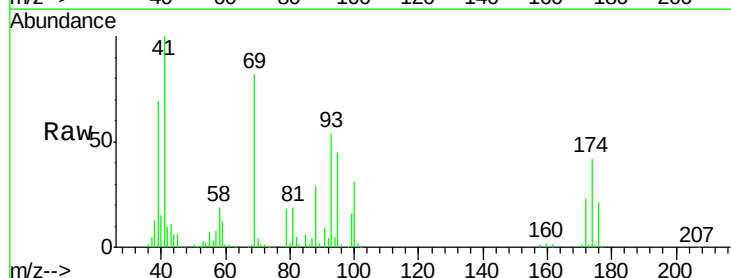
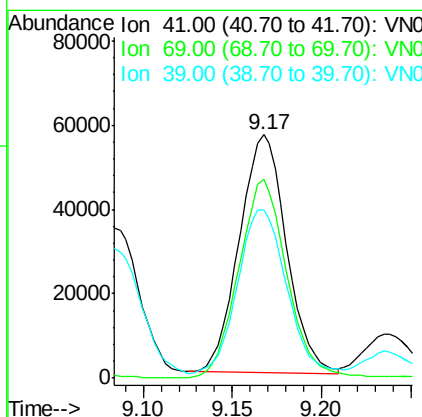
RT: 9.17 min Scan# 2310

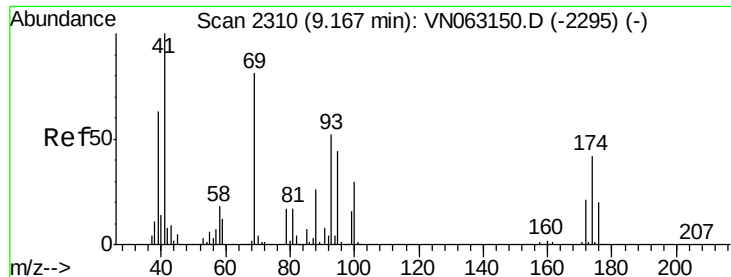
Delta R.T. 0.00 min

Lab File: VN063185.D

Acq: 2 Sep 2020 11:00

Tgt Ion:	41	Resp:	104175
Ion	Ratio	Lower	Upper
41	100		
69	85.5	65.9	98.9
39	74.8	52.0	78.0





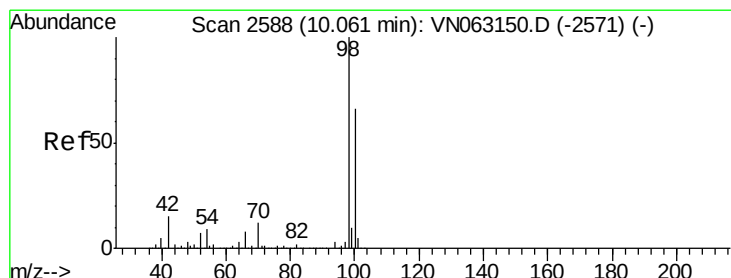
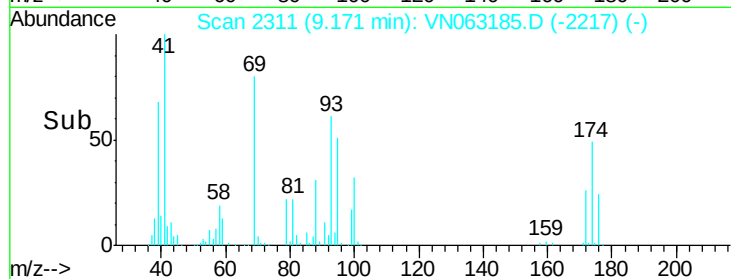
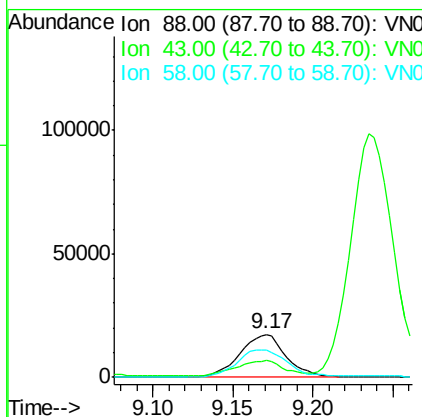
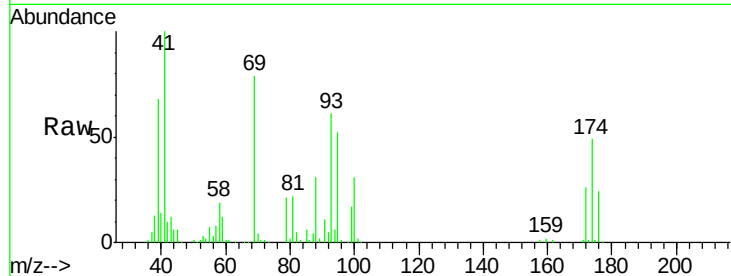
#49
 1,4-Dioxane
 Concen: 412.796 ug/l
 RT: 9.17 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: VN063185.D
 Acq: 2 Sep 2020 11:00

Instrument :
 MSVOA_N
 ClientSampled :
 VN0902WBS01

Tot Ion	88	Resp	34247
Ion	Ratio	Lower	Upper
88	100		
43	37.4	28.6	42.8
58	70.4	53.2	79.8

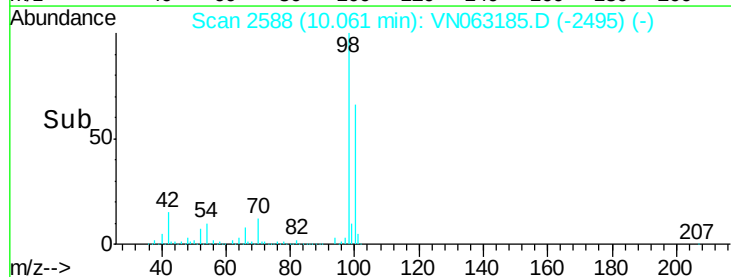
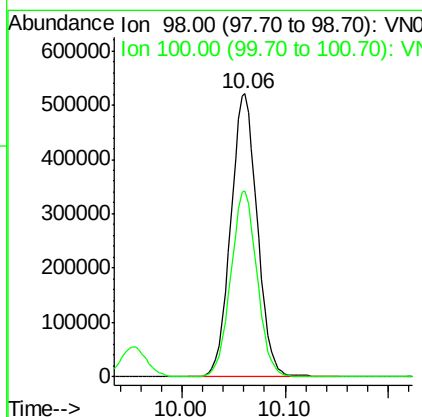
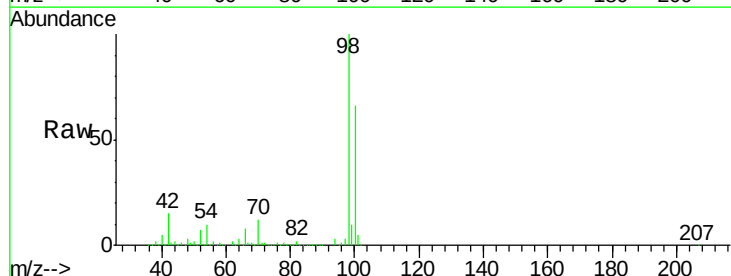
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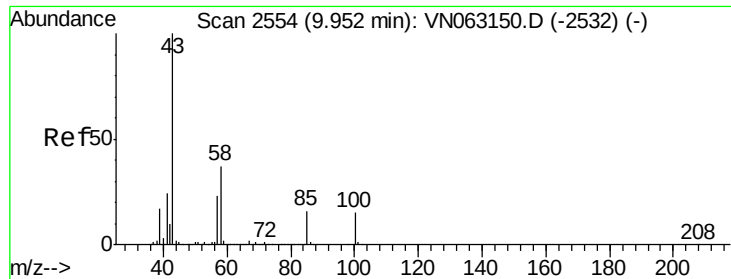
MMDadoda
 9/3/2020 9:28:45 AM



#50
 Toluene-d8
 Concen: 49.886 ug/l
 RT: 10.06 min Scan# 2588
 Delta R.T. 0.00 min
 Lab File: VN063185.D
 Acq: 2 Sep 2020 11:00

Tgt Ion	98	Resp	934888
Ion	Ratio	Lower	Upper
98	100		
100	64.5	52.0	78.0





#51

4-Methyl-2-Pentanone

Concen: 105.461 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN063185.D

Acq: 2 Sep 2020 11:00

Instrument :

MSVOA_N

ClientSampleId :

VN0902WBS01

Tot Ion: 43 Resp: 681888

Ion Ratio Lower Upper

43 100

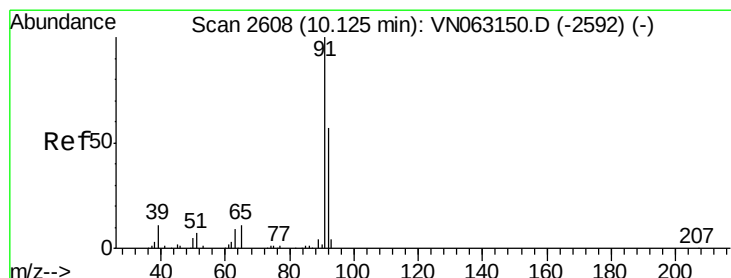
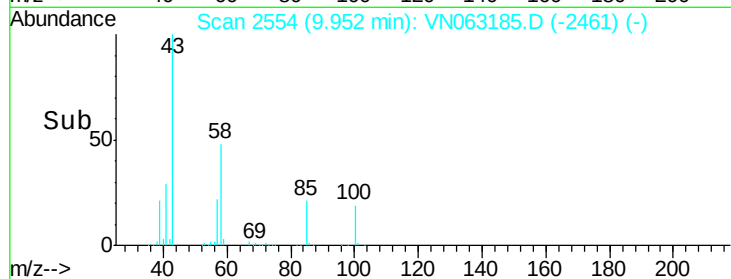
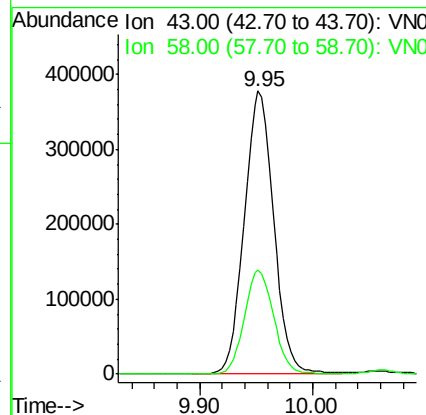
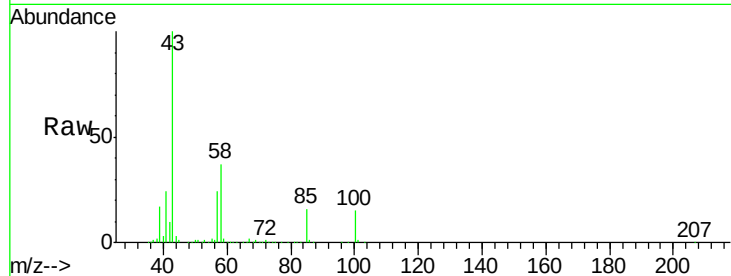
58 36.7 29.2 43.8

Manual Integrations

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MMDadoda

9/3/2020 9:28:45 AM



#52

Toluene

Concen: 19.865 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063185.D

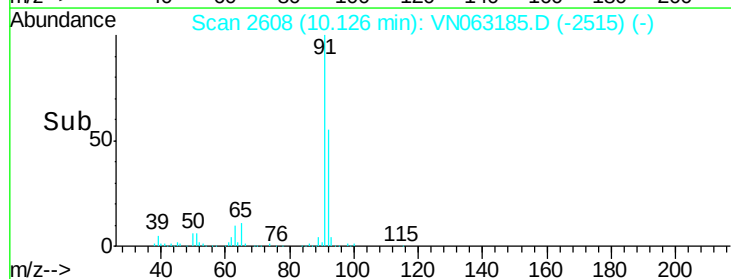
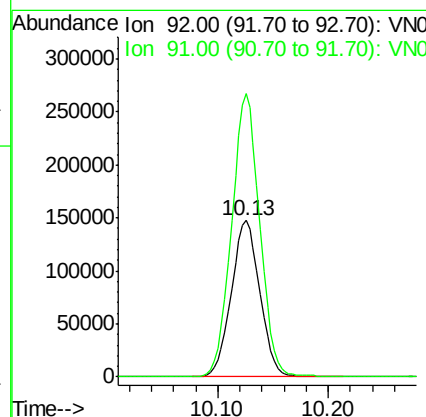
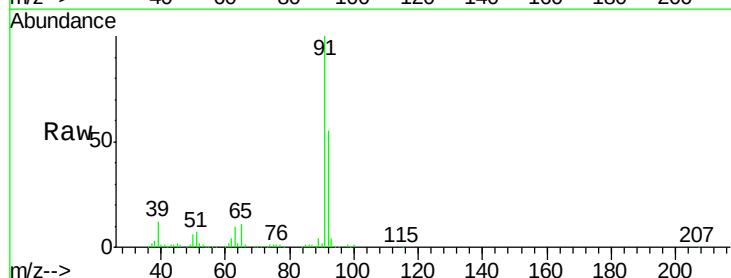
Acq: 2 Sep 2020 11:00

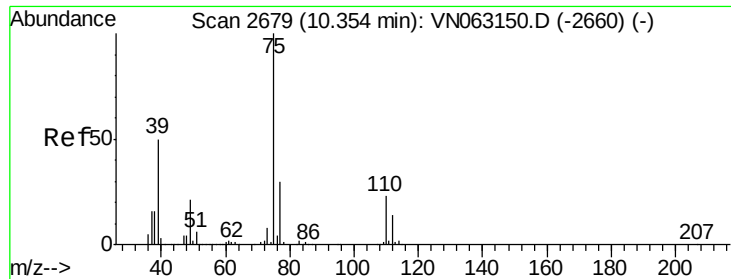
Tgt Ion: 92 Resp: 265314

Ion Ratio Lower Upper

92 100

91 176.9 141.2 211.8





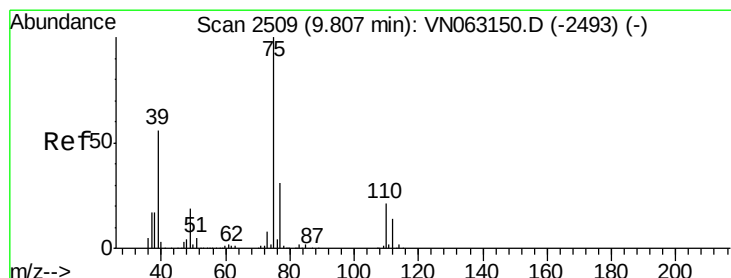
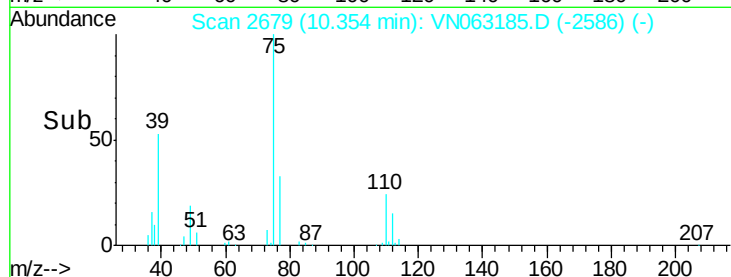
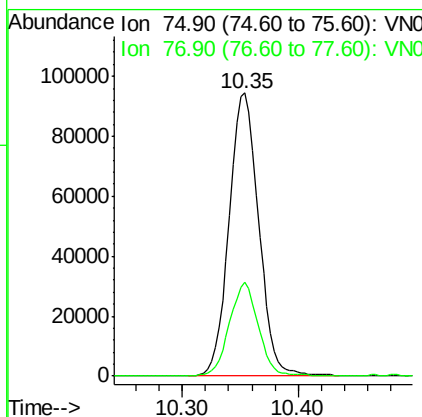
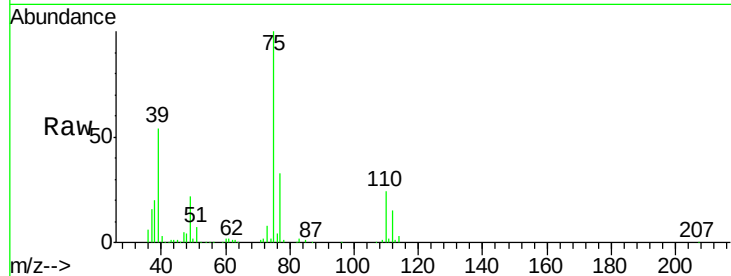
#53
t-1,3-Dichloropropene
Concen: 18.954 ug/l
RT: 10.35 min Scan# 2679
Delta R.T. 0.00 min
Lab File: VN063185.D
Acq: 2 Sep 2020 11:00

Instrument :
MSVOA_N
ClientSampleId :
VN0902WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.9	24.2	36.2

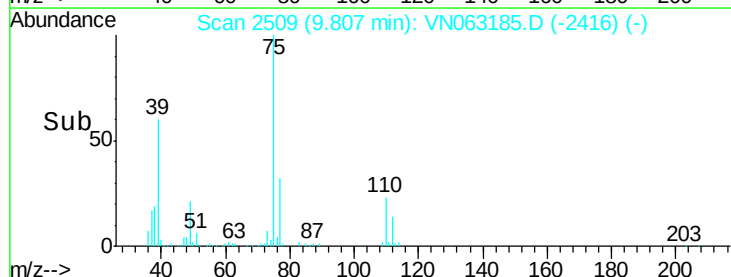
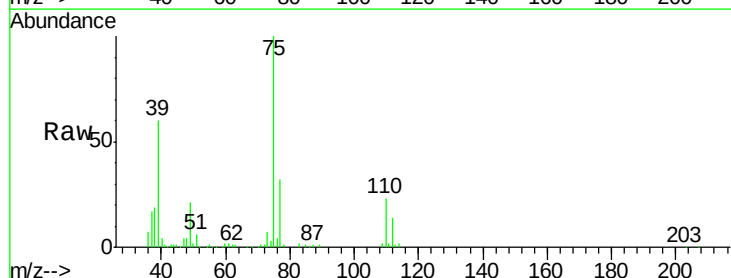
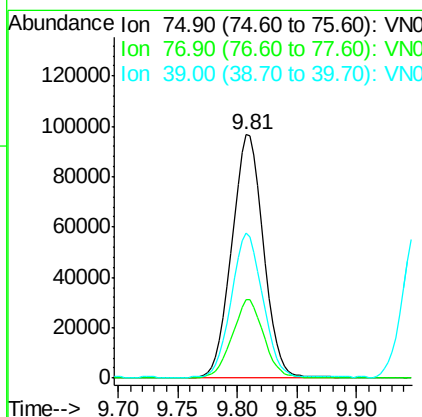
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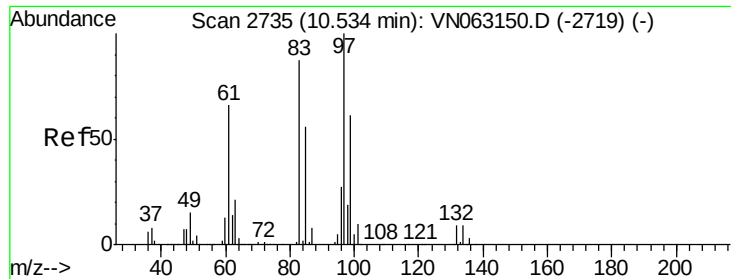
MMDadoda
9/3/2020 9:28:45 AM



#54
cis-1,3-Dichloropropene
Concen: 19.319 ug/l
RT: 9.81 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VN063185.D
Acq: 2 Sep 2020 11:00

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.2	24.8	37.2
39	59.6	45.0	67.6





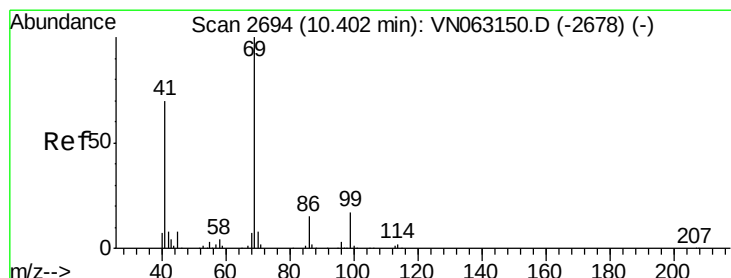
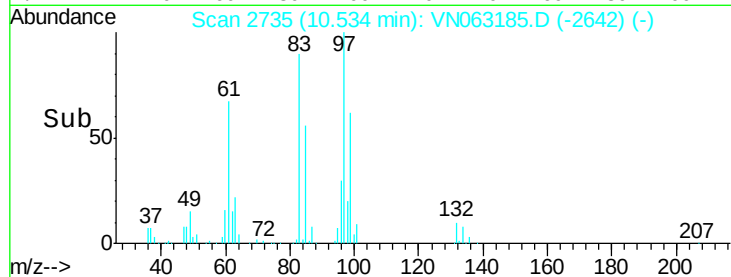
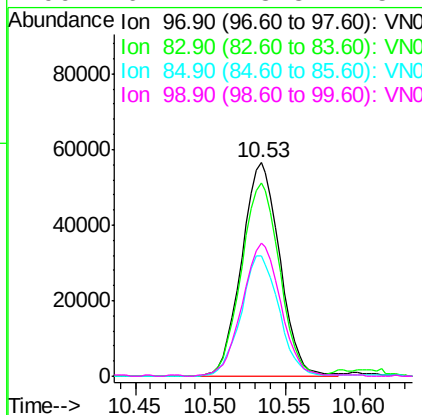
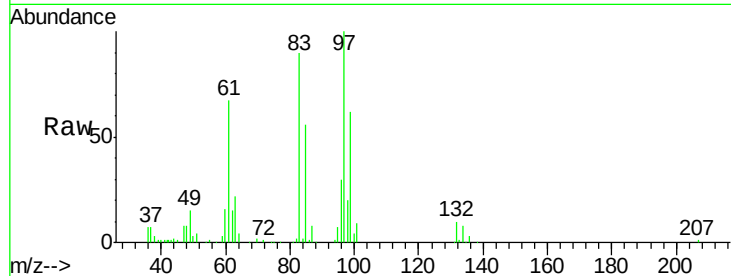
#55
 1,1,2-Trichloroethane
 Concen: 19.638 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN063185.D
 Acq: 2 Sep 2020 11:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0902WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		100445		
83	90.4	69.8	104.8		
85	56.1	44.9	67.3		
99	62.1	48.8	73.2		

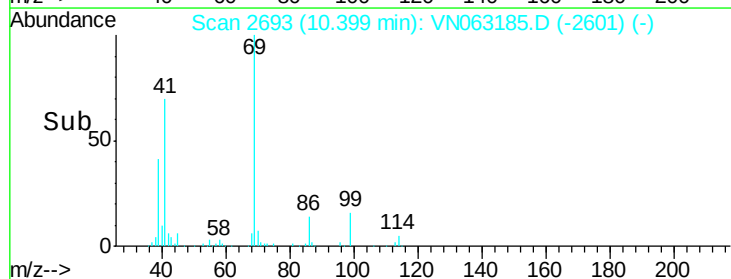
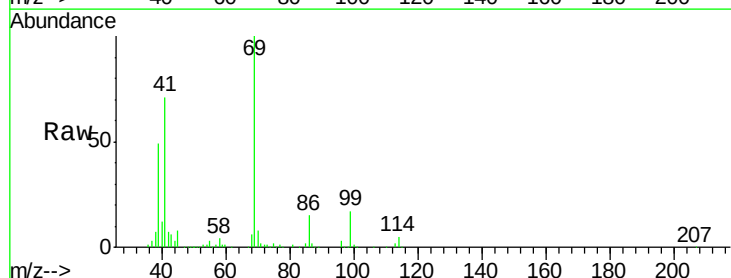
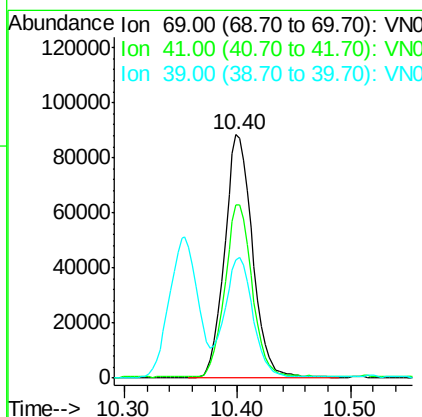
Manual Integrations
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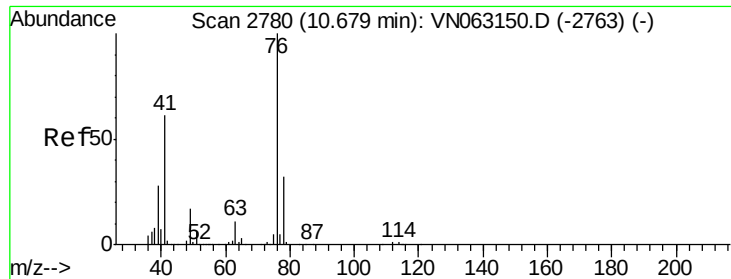
MMDadoda
 9/3/2020 9:28:45 AM



#56
 Ethyl methacrylate
 Concen: 19.542 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. -0.00 min
 Lab File: VN063185.D
 Acq: 2 Sep 2020 11:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		152112		
41	68.7	55.5	83.3		
39	49.0	38.2	57.2		





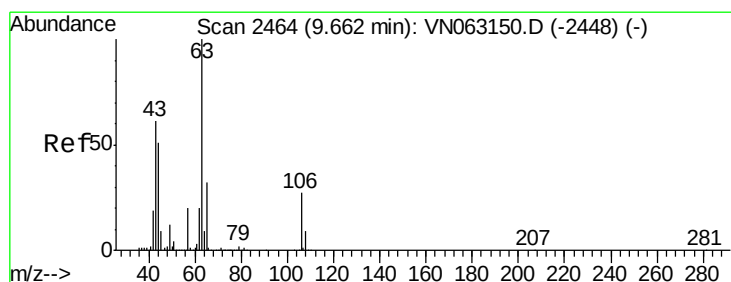
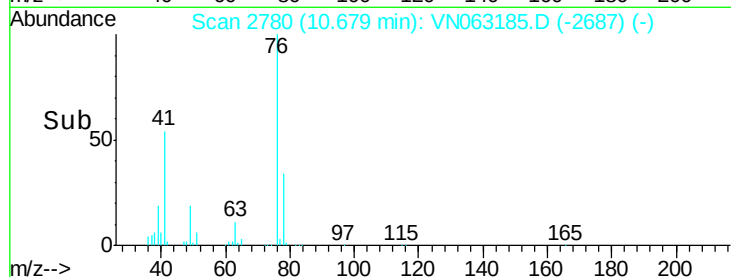
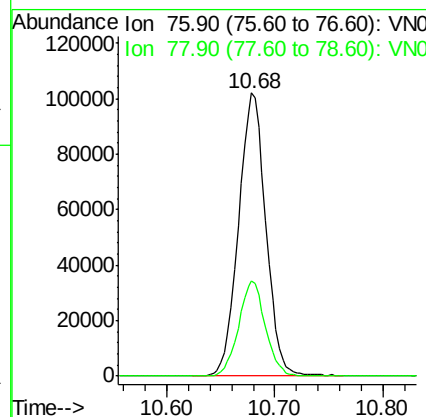
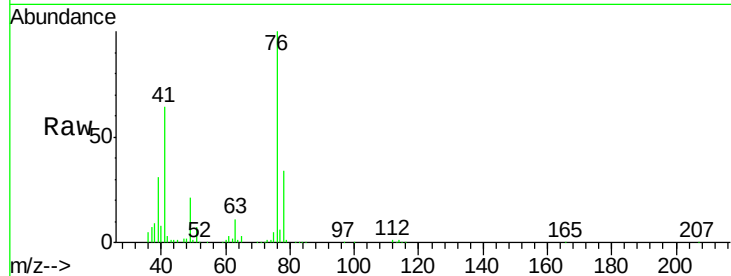
#57
 1,3-Dichloropropane
 Concen: 19.769 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. 0.00 min
 Lab File: VN063185.D
 Acq: 2 Sep 2020 11:00

Instrument :
 MSVOA_N
 ClientSampled :
 VN0902WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.7	25.5	38.3

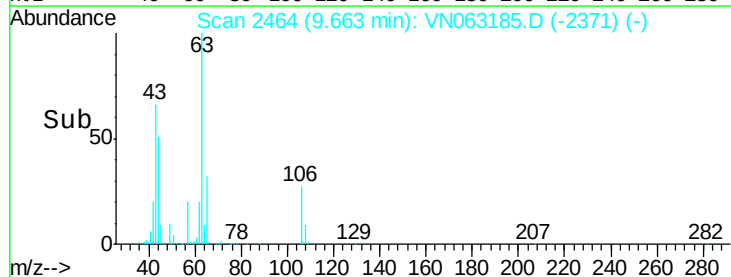
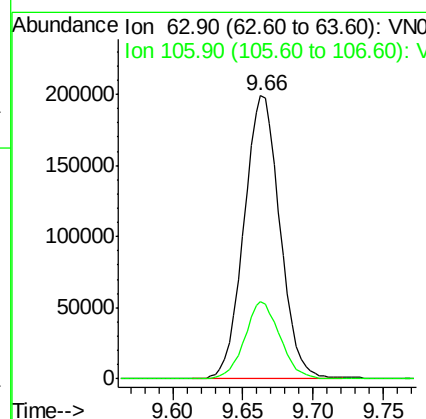
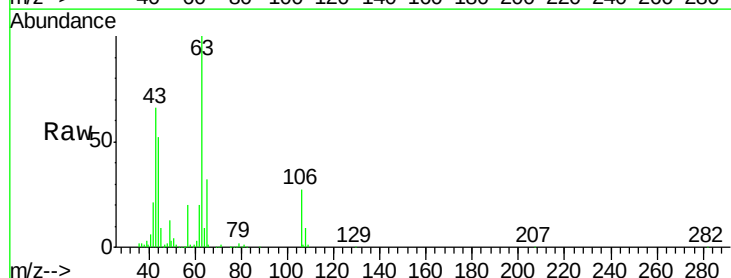
Manual Integrations
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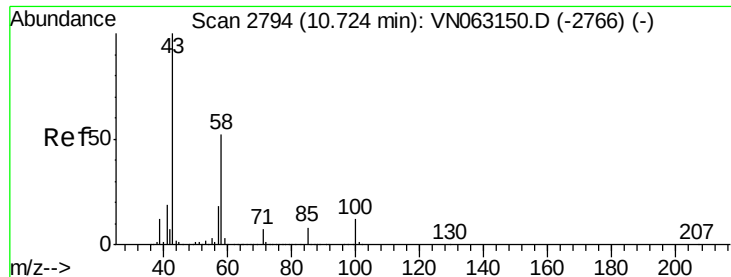
MMDadoda
 9/3/2020 9:28:45 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 88.247 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN063185.D
 Acq: 2 Sep 2020 11:00

Tgt Ion	Ratio	Lower	Upper
63	100		
106	26.9	21.8	32.6





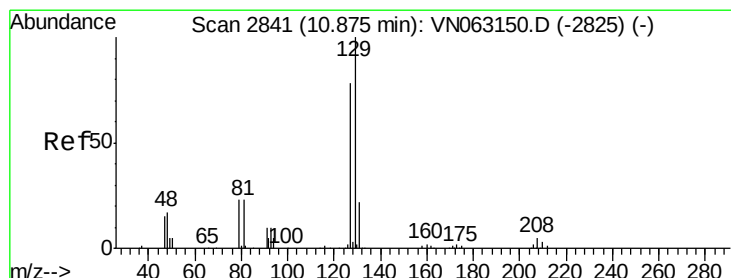
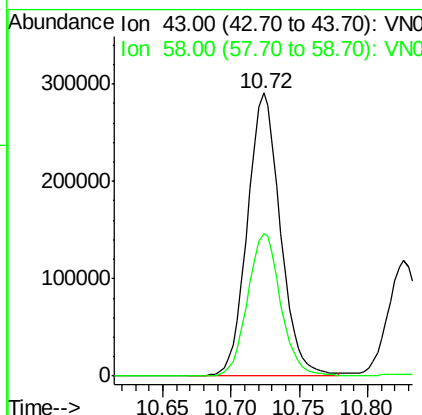
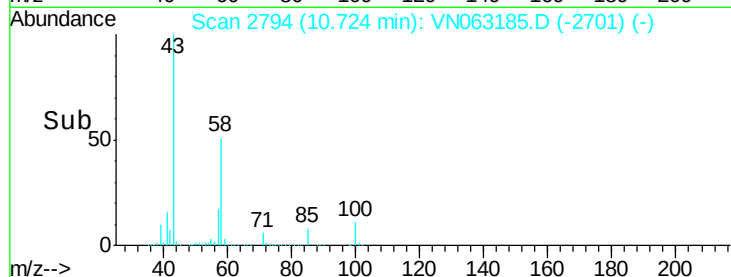
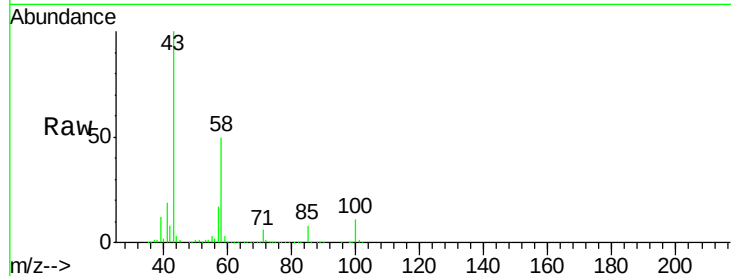
#59
2-Hexanone
Concen: 106.910 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN063185.D
Acq: 2 Sep 2020 11:00

Instrument :
MSVOA_N
ClientSampleId :
VN0902WBS01

Tot Ion: 43 Resp: 485804
Ion Ratio Lower Upper
43 100
58 50.8 25.9 77.8

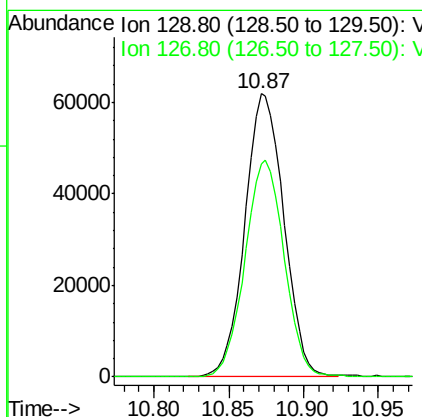
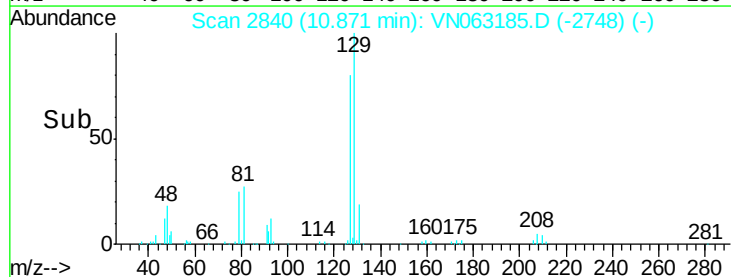
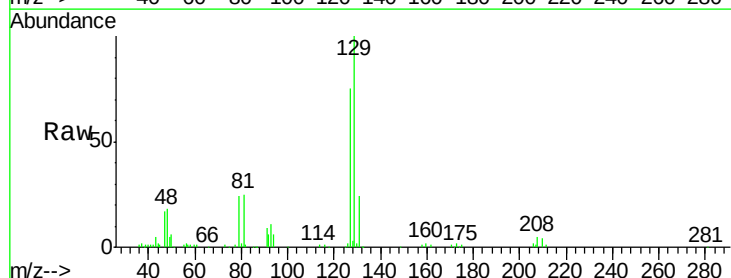
Manual Integrations
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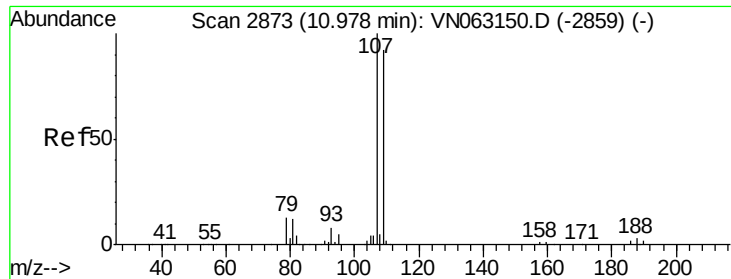
MMDadoda
9/3/2020 9:28:45 AM



#60
Dibromochloromethane
Concen: 19.894 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN063185.D
Acq: 2 Sep 2020 11:00

Tgt Ion: 129 Resp: 112497
Ion Ratio Lower Upper
129 100
127 76.8 39.0 117.0





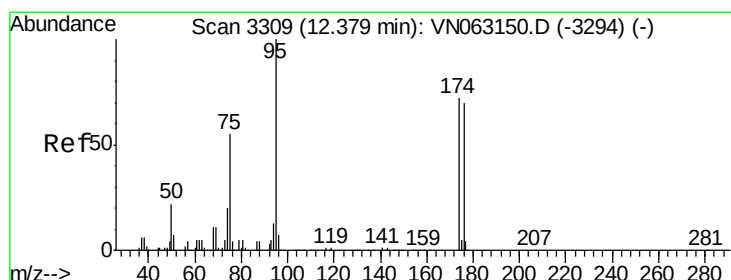
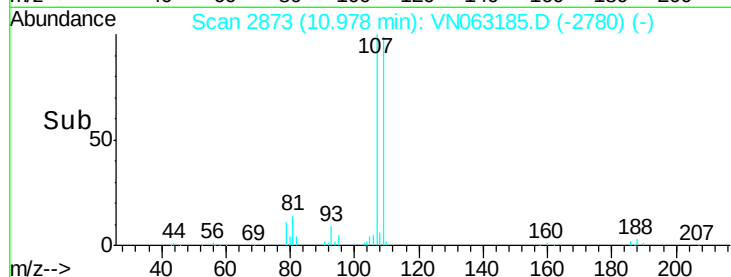
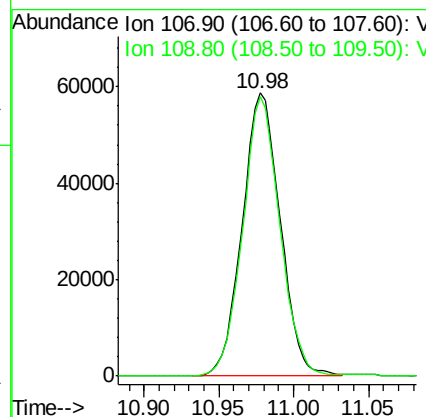
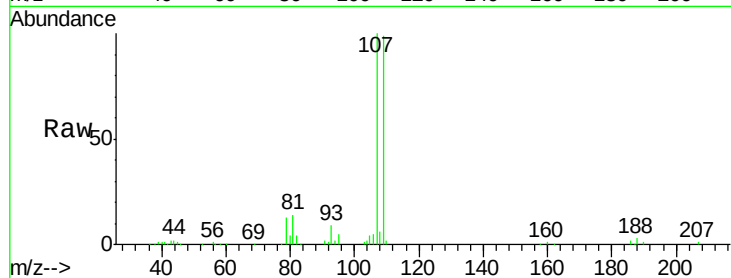
#61
 1,2-Dibromoethane
 Concen: 19.548 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN063185.D
 Acq: 2 Sep 2020 11:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0902WBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	96.5	73.4	110.0

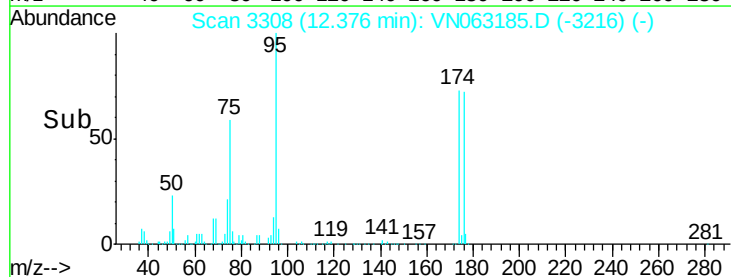
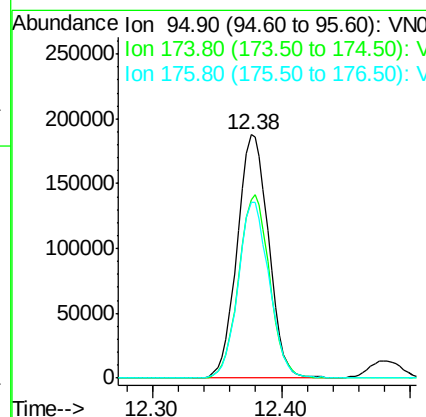
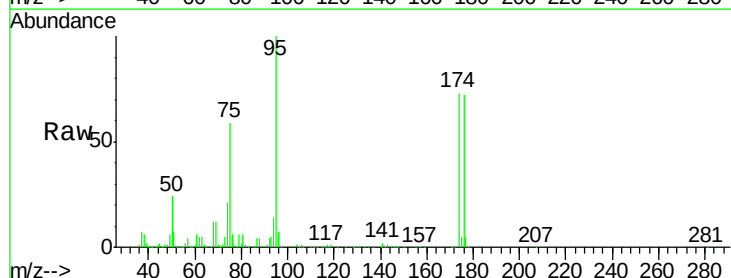
Manual Integrations
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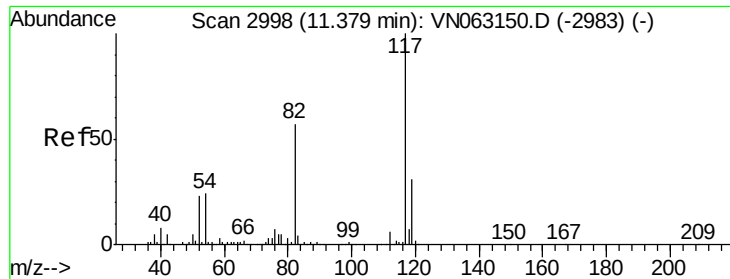
MMDadoda
 9/3/2020 9:28:45 AM



#62
 4-Bromofluorobenzene
 Concen: 48.538 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. -0.00 min
 Lab File: VN063185.D
 Acq: 2 Sep 2020 11:00

Tgt Ion	Ratio	Lower	Upper
95	100		
174	74.0	0.0	143.8
176	71.4	0.0	138.4





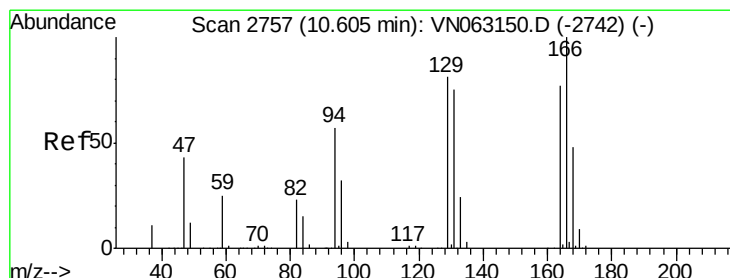
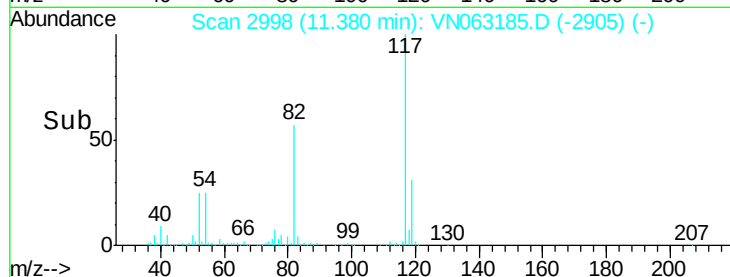
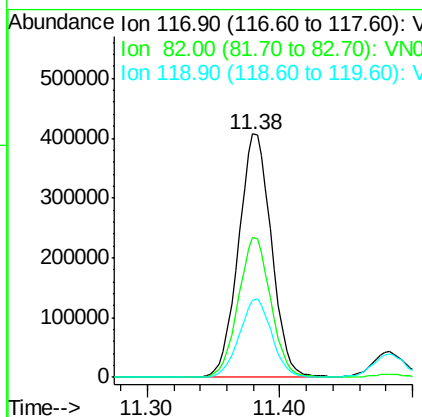
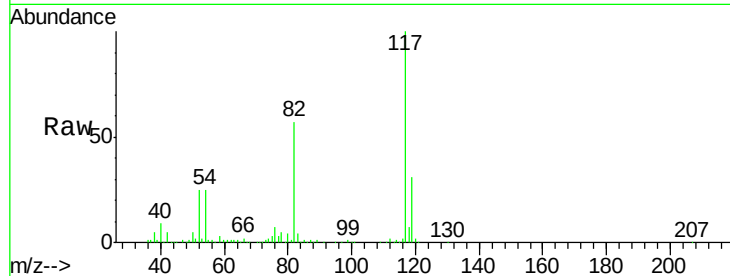
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063185.D
Acq: 2 Sep 2020 11:00

Instrument :
MSVOA_N
ClientSampled :
VN0902WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.3	45.4	68.0
119	31.5	24.6	37.0

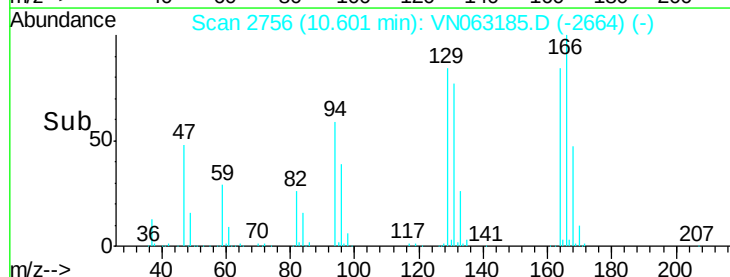
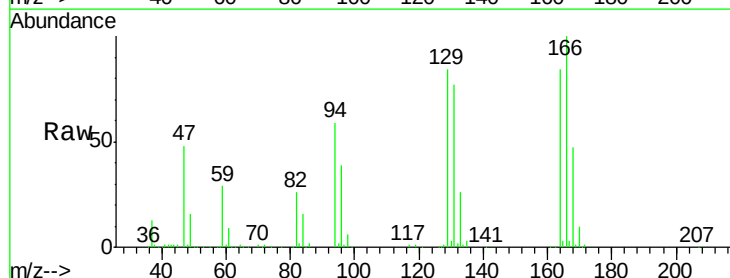
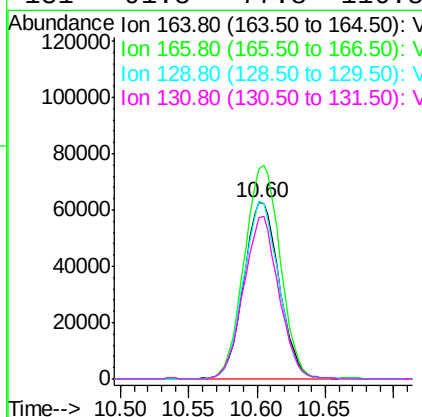
Manual Integrations
APPROVED

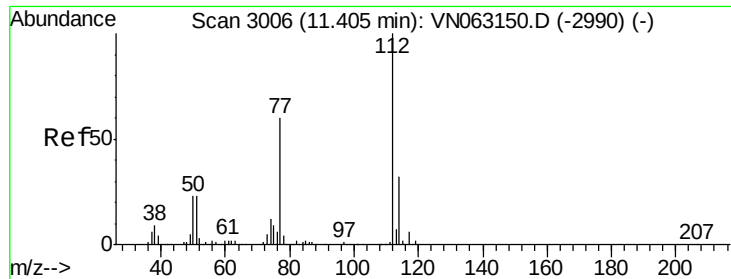
MMDadoda
9/3/2020 9:28:45 AM



#64
Tetrachloroethene
Concen: 22.521 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN063185.D
Acq: 2 Sep 2020 11:00

Tgt Ion	Ratio	Lower	Upper
164	100		
166	119.3	103.4	155.2
129	100.5	83.4	125.0
131	91.8	77.8	116.8





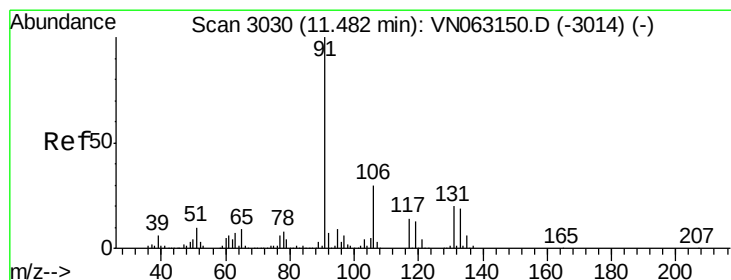
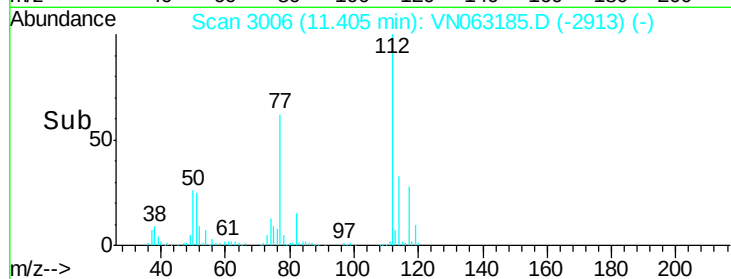
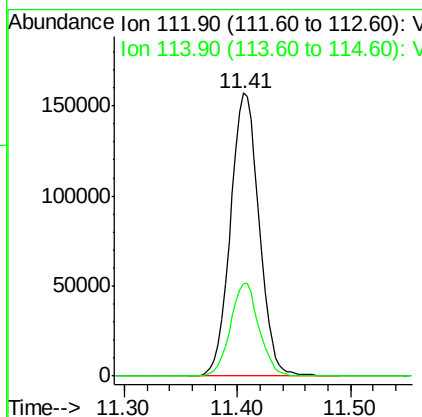
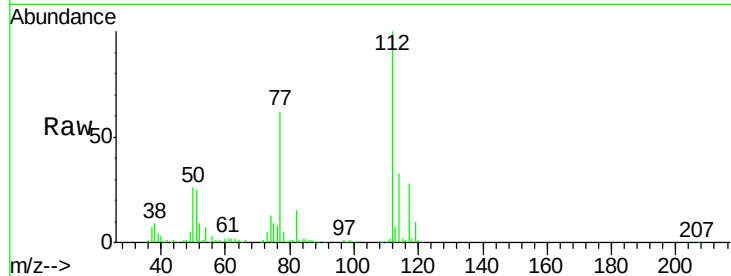
#65
Chlorobenzene
Concen: 19.594 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN063185.D
Acq: 2 Sep 2020 11:00

Instrument :
MSVOA_N
ClientSampled :
VN0902WBS01

Tot Ion:112 Resp: 277068
Ion Ratio Lower Upper
112 100
114 32.9 25.2 37.8

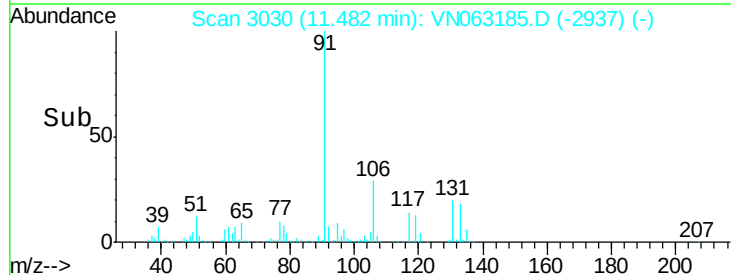
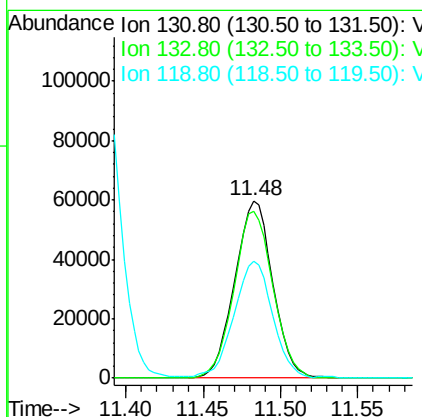
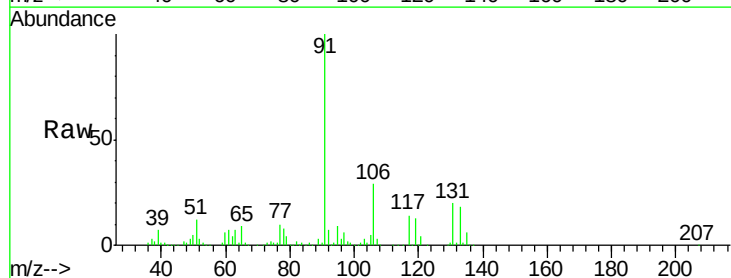
Manual Integrations
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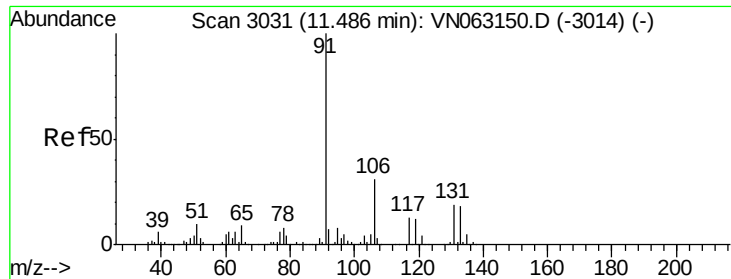
MMDadoda
9/3/2020 9:28:45 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 19.457 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN063185.D
Acq: 2 Sep 2020 11:00

Tgt Ion:131 Resp: 102148
Ion Ratio Lower Upper
131 100
133 96.3 47.3 142.0
119 65.7 32.4 97.0





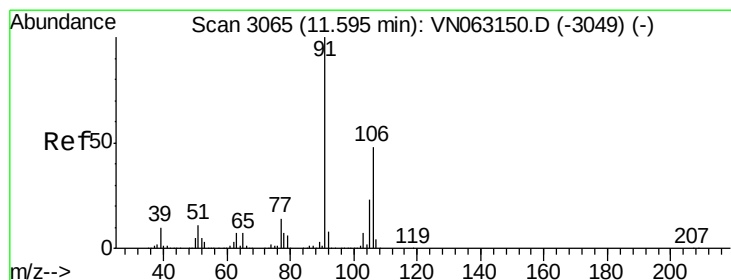
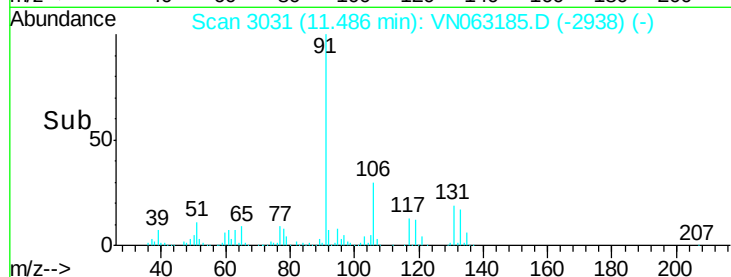
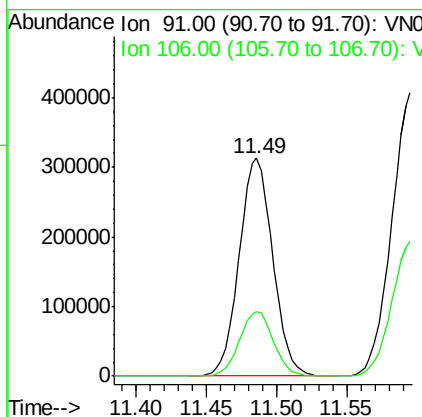
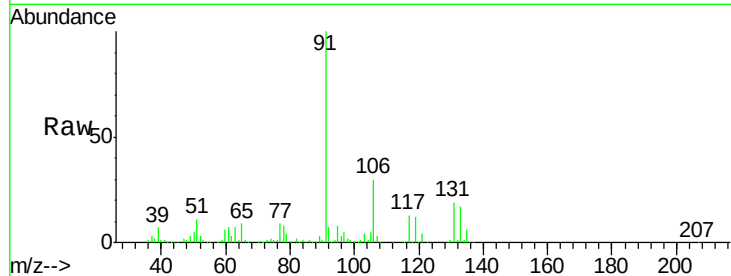
#67
Ethyl Benzene
Concen: 20.287 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. 0.00 min
Lab File: VN063185.D
Acq: 2 Sep 2020 11:00

Instrument :
MSVOA_N
ClientSampled :
VN0902WBS01

Tot Ion: 91 Resp: 523323
Ion Ratio Lower Upper
91 100
106 29.8 24.4 36.6

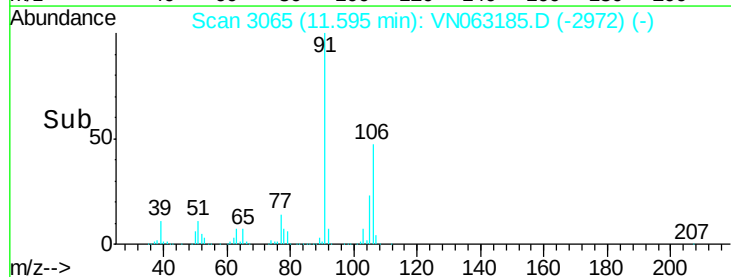
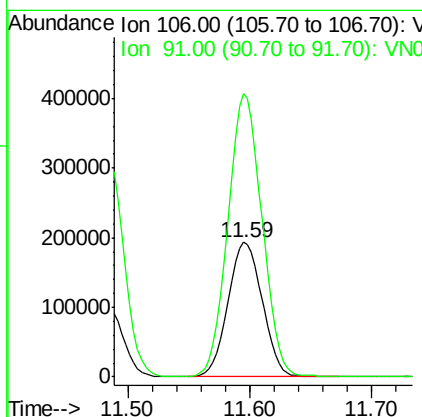
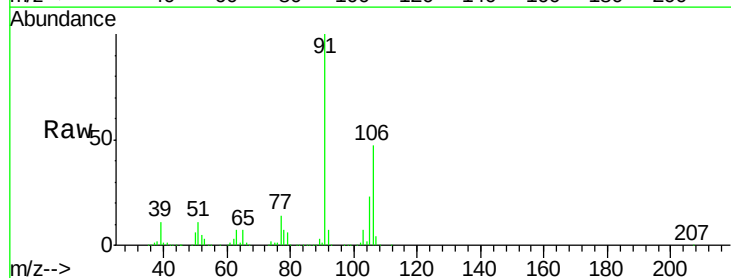
Manual Integrations
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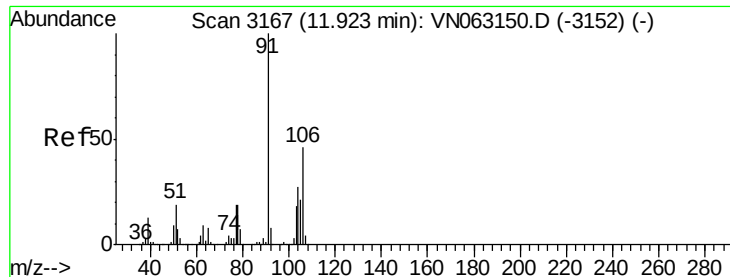
MMDadoda
9/3/2020 9:28:45 AM



#68
m/p-Xylenes
Concen: 39.481 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN063185.D
Acq: 2 Sep 2020 11:00

Tgt Ion: 106 Resp: 377204
Ion Ratio Lower Upper
106 100
91 208.4 166.7 250.1





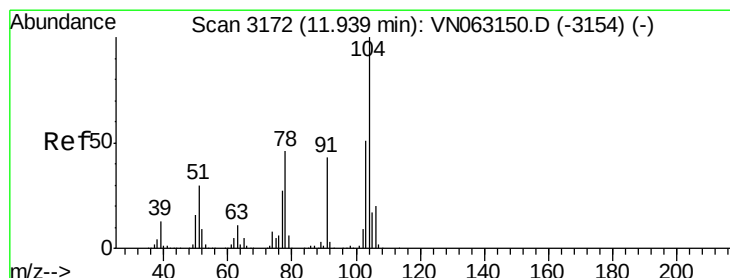
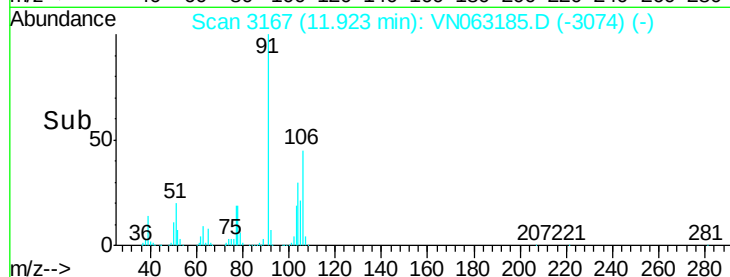
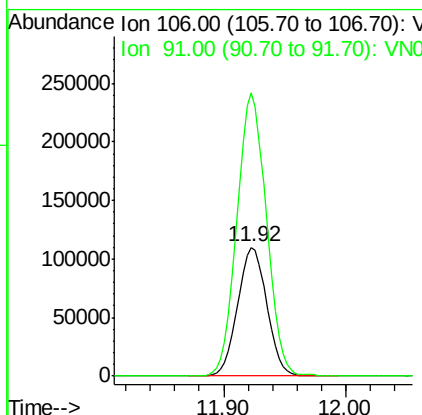
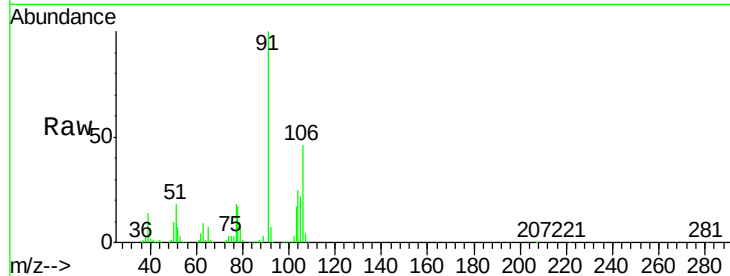
#69
o-Xylene
Concen: 19.700 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063185.D
Acq: 2 Sep 2020 11:00

Instrument :
MSVOA_N
ClientSampled :
VN0902WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	181819		
91	91	222.2	108.6	325.6	

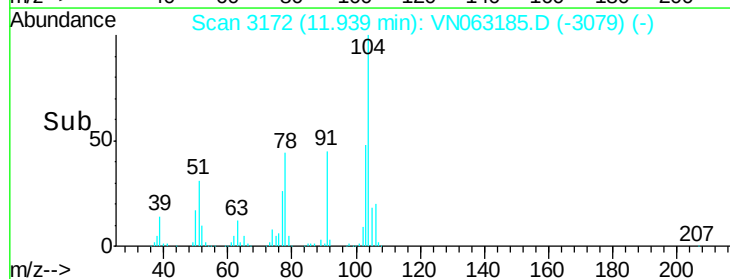
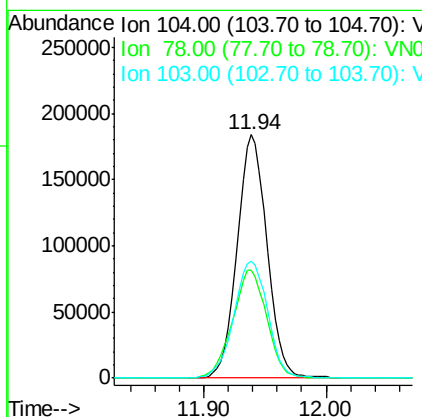
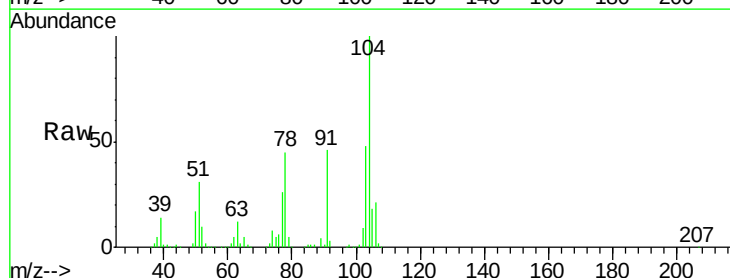
Manual Integrations
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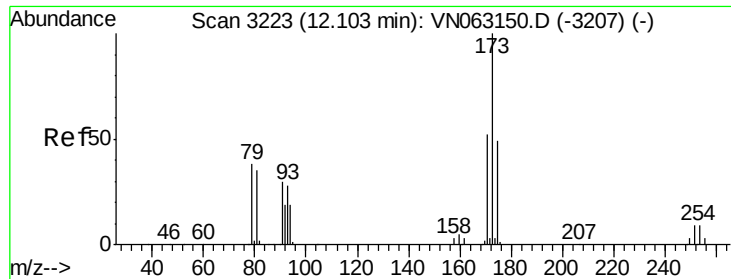
MMDadoda
9/3/2020 9:28:45 AM



#70
Styrene
Concen: 19.591 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN063185.D
Acq: 2 Sep 2020 11:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	310753		
78	78	51.2	41.0	61.6	
103	103	54.7	43.8	65.8	





#71

Bromoform

Concen: 18.238 ug/l

RT: 12.10 min Scan# 3223

Delta R.T. 0.00 min

Lab File: VN063185.D

Acq: 2 Sep 2020 11:00

Instrument :

MSVOA_N

ClientSampleId :

VN0902WBS01

Tot Ion:173 Resp: 64979

Ion Ratio Lower Upper

173 100

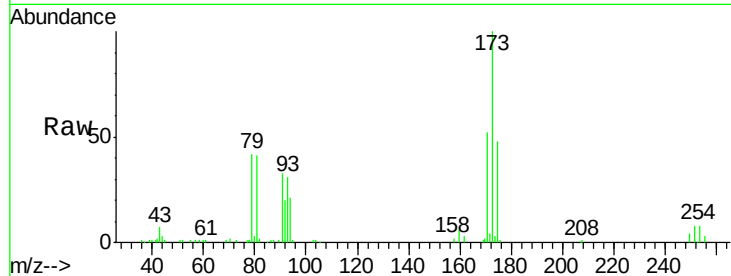
175 49.0 24.6 73.8

254 0.0 0.0 0.0#

Manual Integrations
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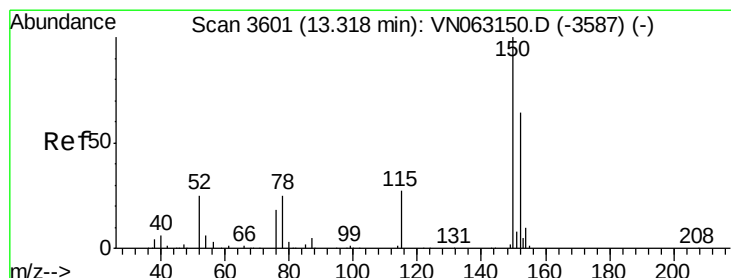
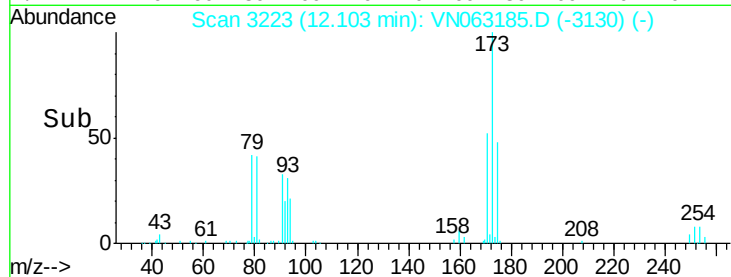
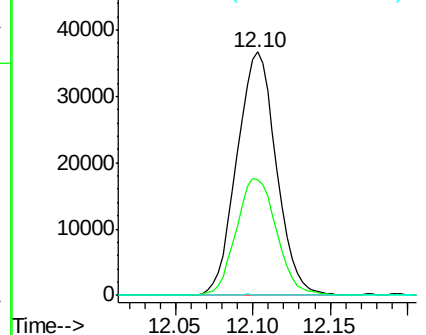
9/3/2020 9:28:45 AM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3602

Delta R.T. 0.00 min

Lab File: VN063185.D

Acq: 2 Sep 2020 11:00

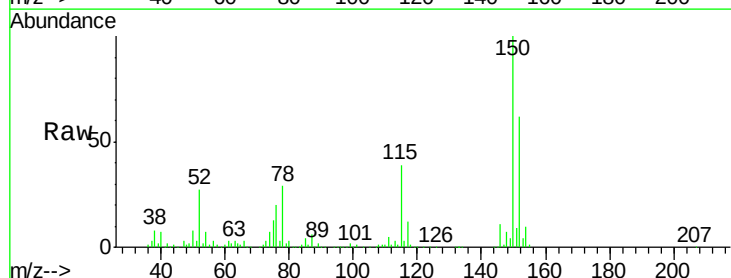
Tgt Ion:152 Resp: 314525

Ion Ratio Lower Upper

152 100

115 62.8 32.0 96.2

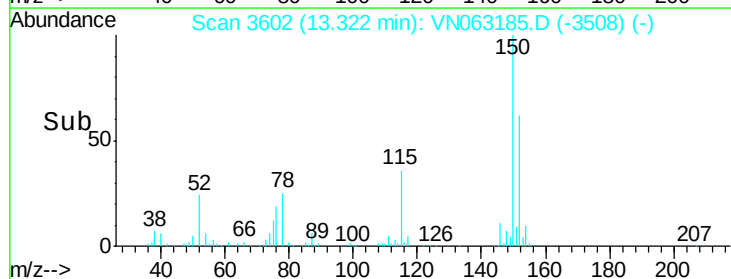
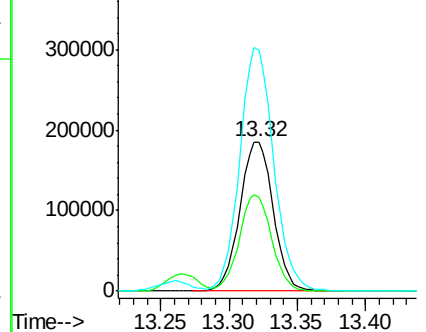
150 165.9 0.0 353.0

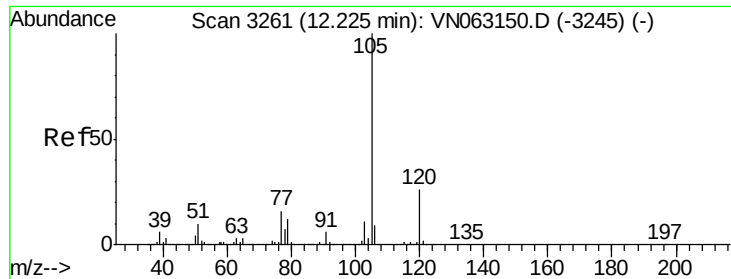


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.502 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN063185.D

Acq: 2 Sep 2020 11:00

Instrument :

MSVOA_N

ClientSampleId :

VN0902WBS01

Tot Ion: 105 Resp: 494578

Ion Ratio Lower Upper

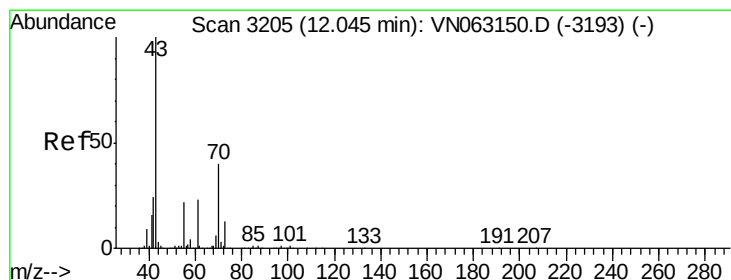
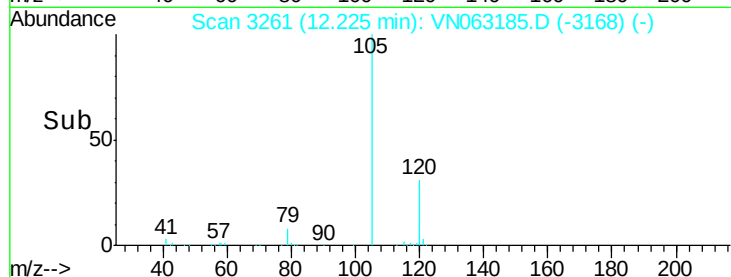
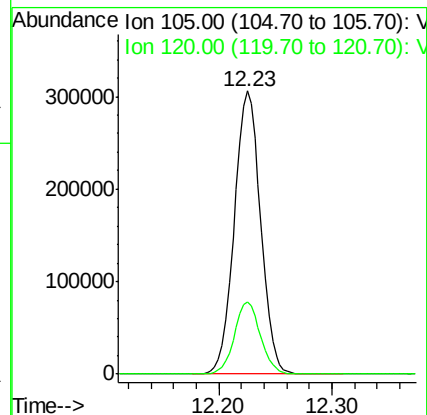
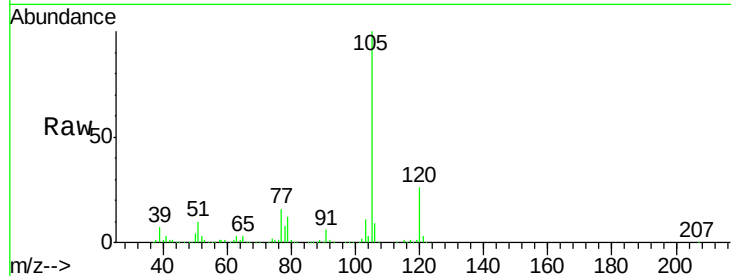
105 100

120 25.4 12.9 38.6

Manual Integrations
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#74

N-ethyl acetate

Concen: 19.346 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN063185.D

Acq: 2 Sep 2020 11:00

Tgt Ion: 43 Resp: 193316

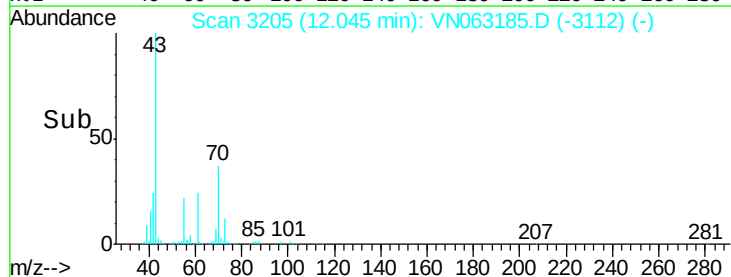
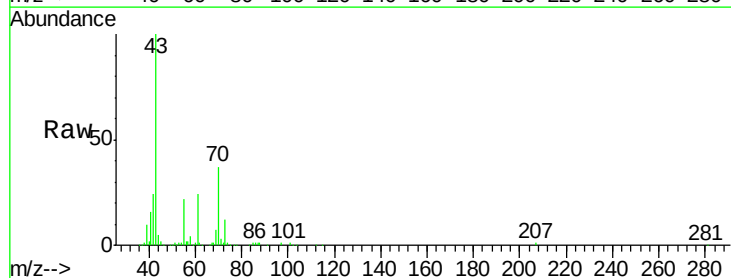
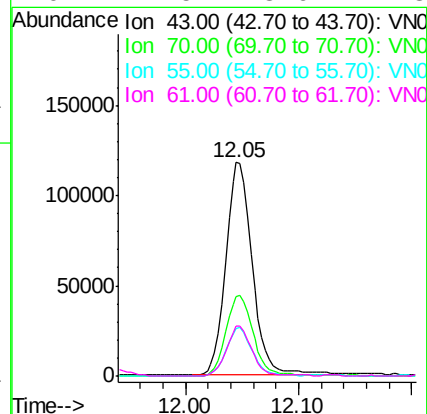
Ion Ratio Lower Upper

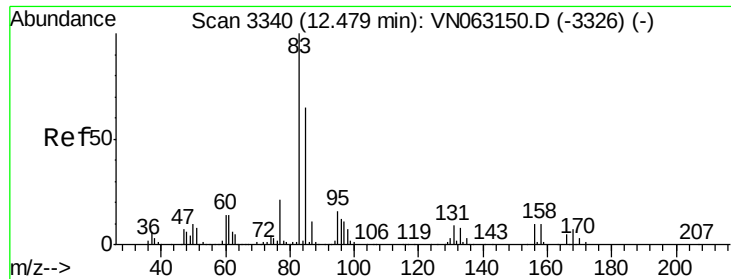
43 100

70 38.7 32.1 48.1

55 22.2 17.4 26.0

61 22.5 18.6 27.8





#75

1,1,2,2-Tetrachloroethane

Concen: 19.230 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN063185.D

Acq: 2 Sep 2020 11:00

Instrument :

MSVOA_N

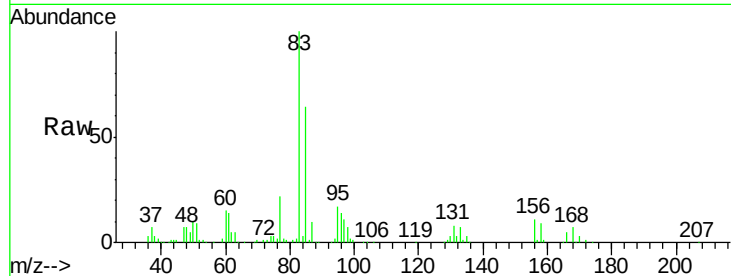
ClientSampled :

VN0902WBS01

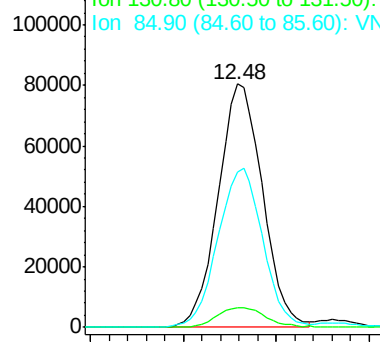
Tot Ion:	83	Resp:	133741
Ion Ratio	Lower	Upper	
83	100		
131	8.9	4.7	14.0
85	65.9	32.7	98.1

Manual Integrations
APPROVED

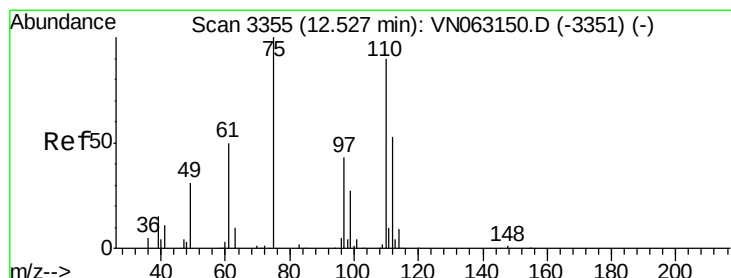
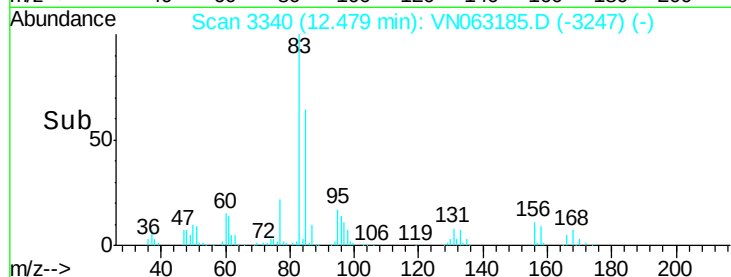
MMDadoda
9/3/2020 9:28:45 AM



Abundance Ion 82.90 (82.60 to 83.60): VN063185.D (-3247) (-)



Time--> 12.40 12.45 12.50



#76

1,2,3-Trichloropropane

Concen: 20.197 ug/l m

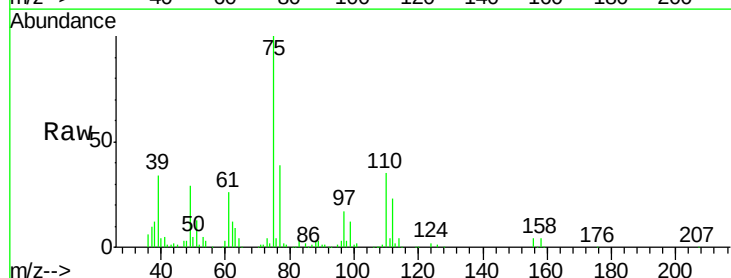
RT: 12.53 min Scan# 3356

Delta R.T. 0.00 min

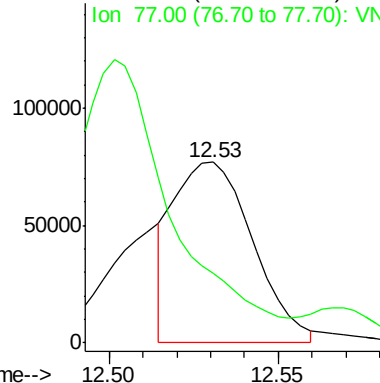
Lab File: VN063185.D

Acq: 2 Sep 2020 11:00

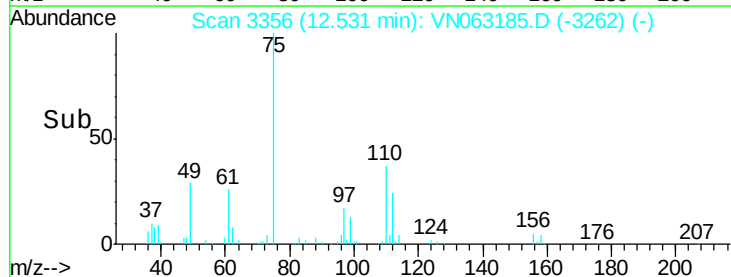
Tgt Ion:	75	Resp:	124812
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0

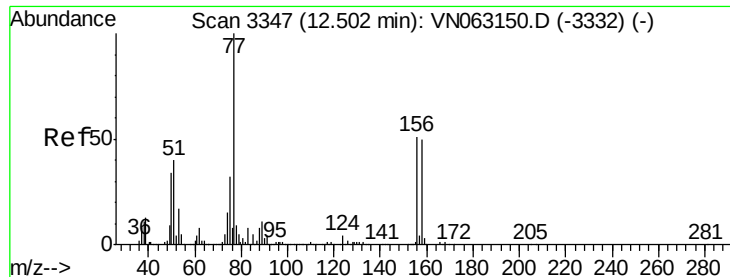


Abundance Ion 74.90 (74.60 to 75.60): VN063185.D (-3262) (-)



Time--> 12.50 12.55





#77

Bromobenzene

Concen: 20.328 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. 0.00 min

Lab File: VN063185.D

Acq: 2 Sep 2020 11:00

Instrument :

MSVOA_N

ClientSampleId :

VN0902WBS01

Tot Ion:156 Resp: 110906

Ion Ratio Lower Upper

156 100

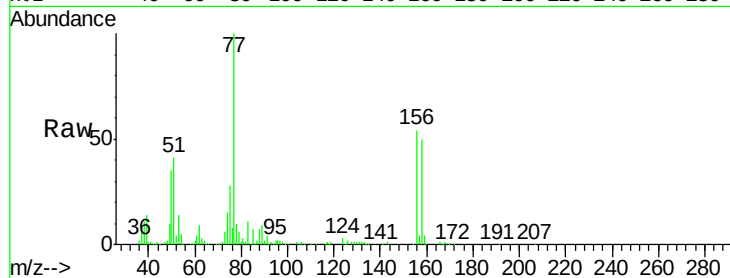
77 226.2 116.1 348.3

158 95.5 48.8 146.4

Manual Integrations
APPROVED

MMDadoda

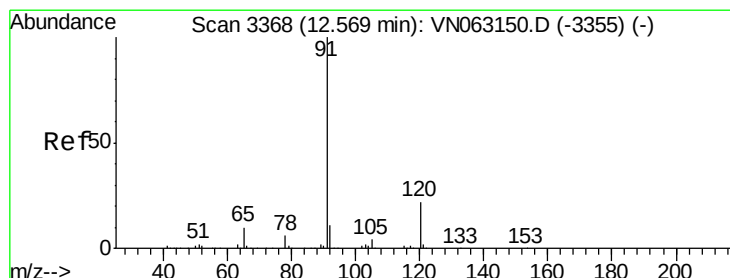
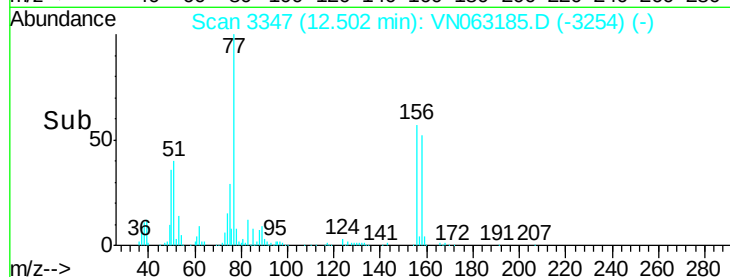
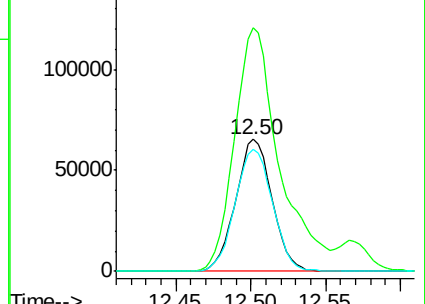
9/3/2020 9:28:45 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.936 ug/l

RT: 12.57 min Scan# 3368

Delta R.T. 0.00 min

Lab File: VN063185.D

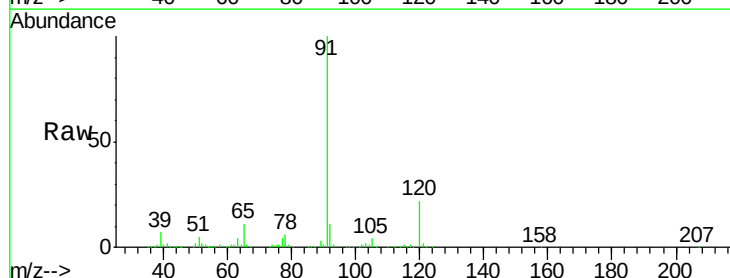
Acq: 2 Sep 2020 11:00

Tgt Ion: 91 Resp: 584425

Ion Ratio Lower Upper

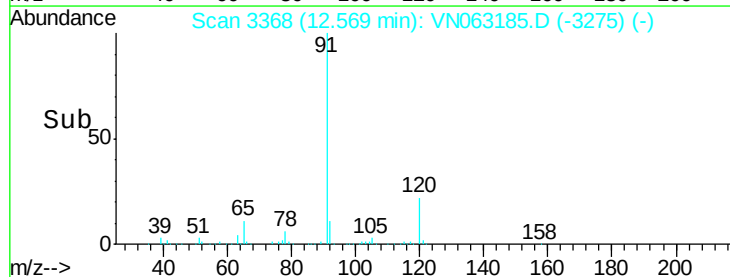
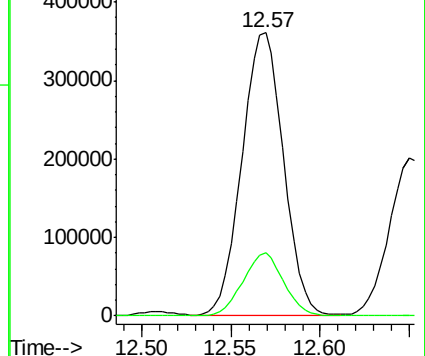
91 100

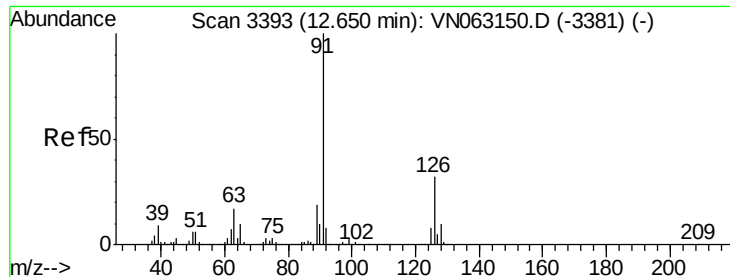
120 21.9 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.017 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN063185.D

Acq: 2 Sep 2020 11:00

Instrument :

MSVOA_N

ClientSampleId :

VN0902WBS01

Tot Ion: 91 Resp: 334679

Ion Ratio Lower Upper

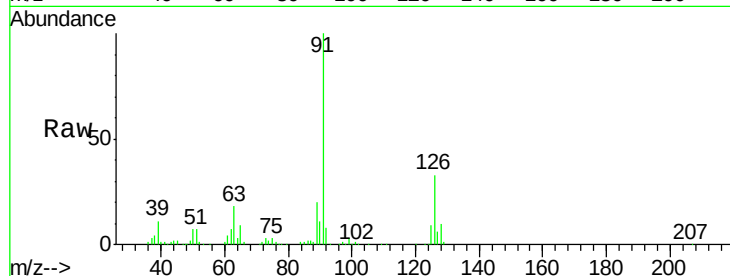
91 100

126 33.0 16.1 48.3

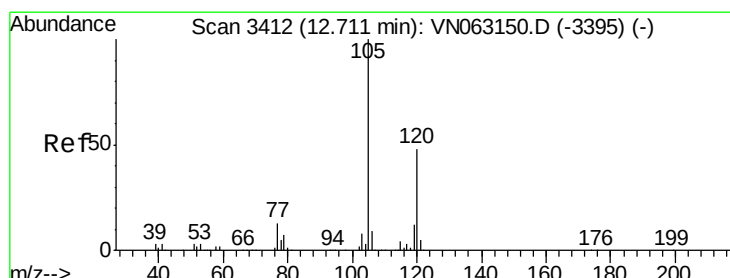
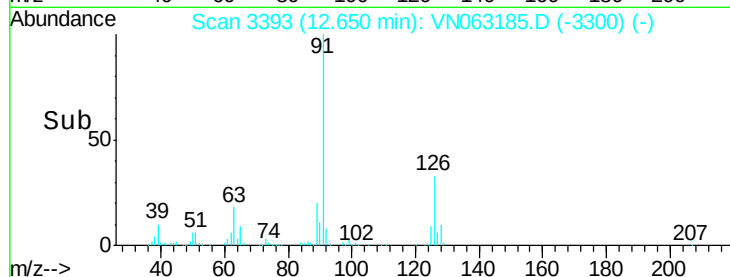
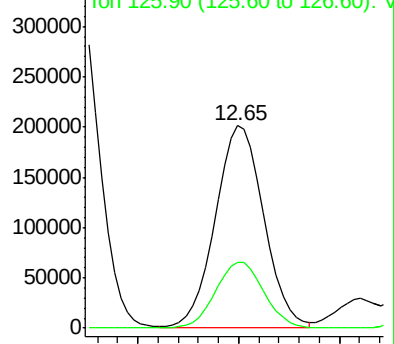
Manual Integrations
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9/3/2020 9:28:45 AM



Abundance Ion 91.00 (90.70 to 91.70): VN063185.D (-3300) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.603 ug/l

RT: 12.71 min Scan# 3412

Delta R.T. 0.00 min

Lab File: VN063185.D

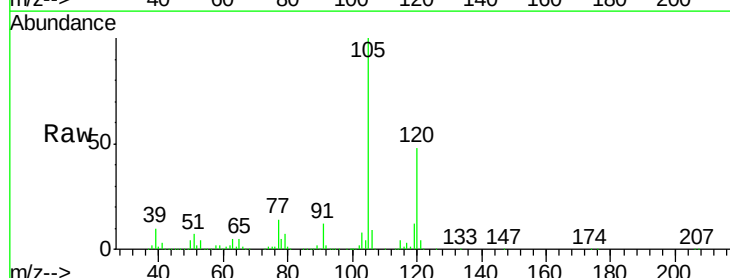
Acq: 2 Sep 2020 11:00

Tgt Ion: 105 Resp: 413701

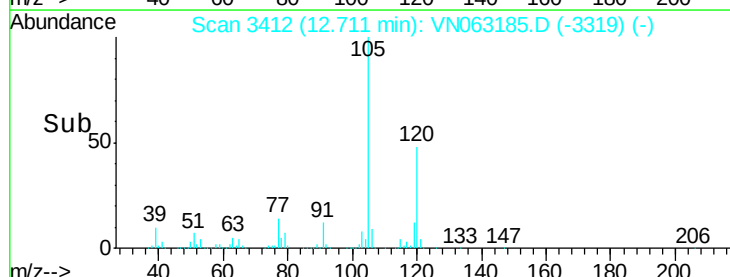
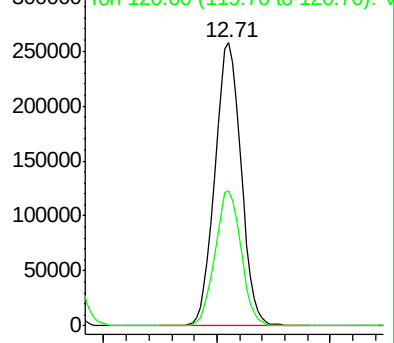
Ion Ratio Lower Upper

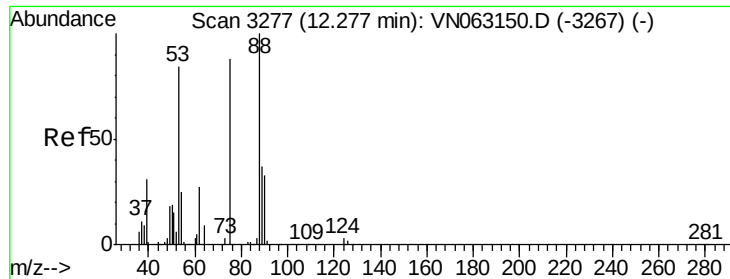
105 100

120 47.6 24.2 72.6



Abundance Ion 105.00 (104.70 to 105.70): VN063185.D (-3319) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 17.036 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN063185.D

Acq: 2 Sep 2020 11:00

Instrument :

MSVOA_N

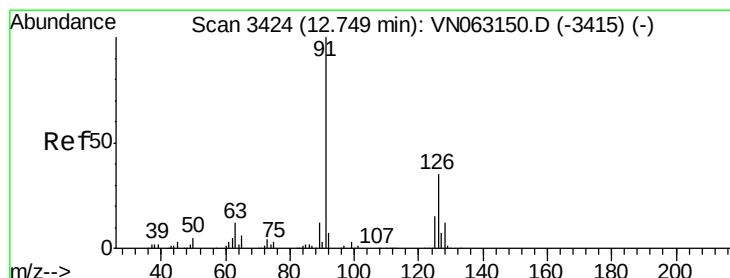
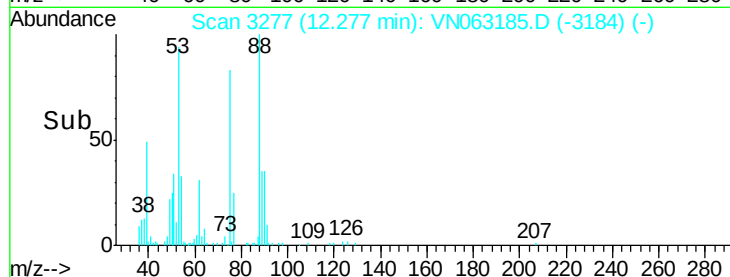
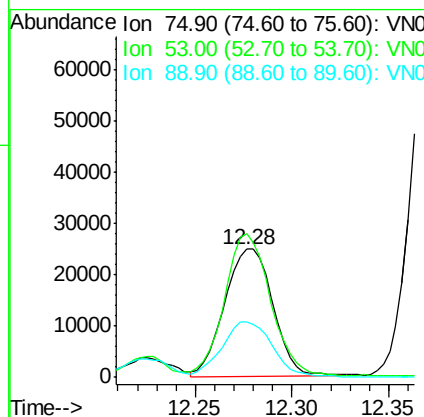
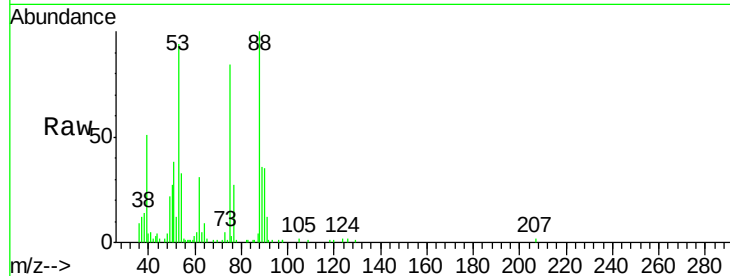
ClientSampleId :

VN0902WBS01

Tot Ion:	75	Resp:	43557
Ion	Ratio	Lower	Upper
75	100		
53	106.3	78.7	118.1
89	45.6	35.3	52.9

Manual Integrations
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#82

4-Chlorotoluene

Concen: 20.015 ug/l

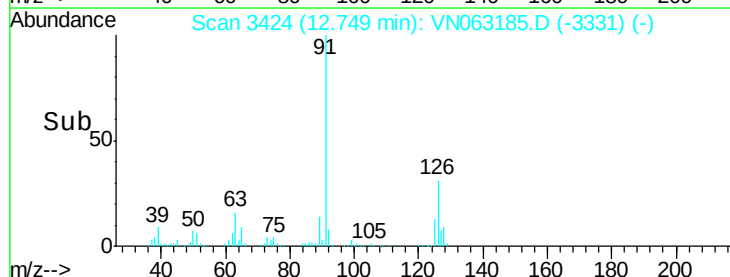
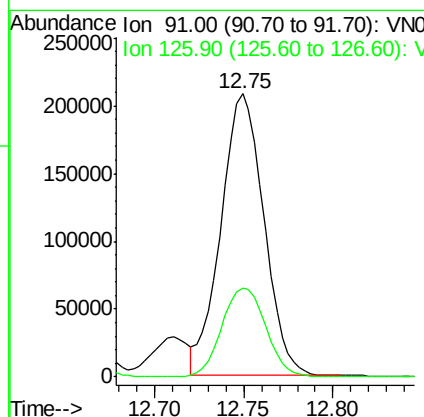
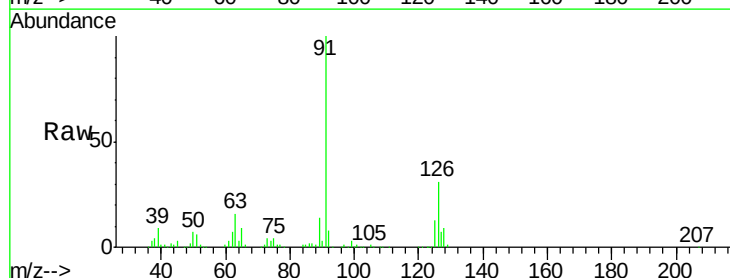
RT: 12.75 min Scan# 3424

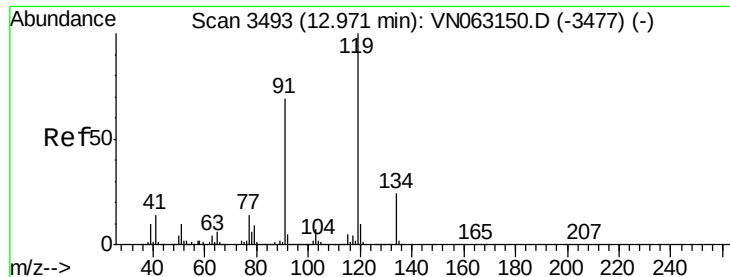
Delta R.T. 0.00 min

Lab File: VN063185.D

Acq: 2 Sep 2020 11:00

Tgt Ion:	91	Resp:	347066
Ion	Ratio	Lower	Upper
91	100		
126	32.1	16.2	48.5





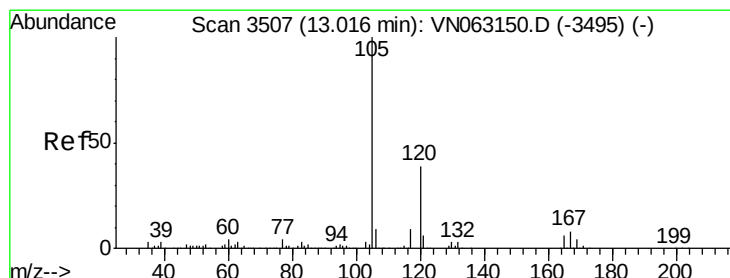
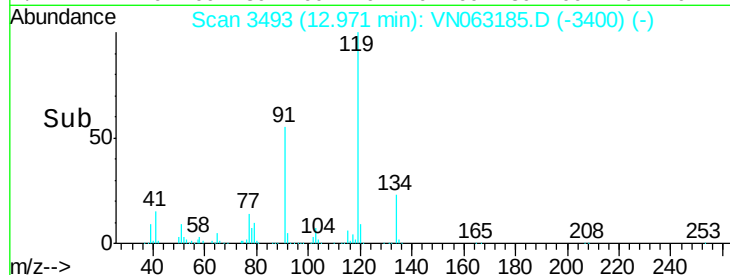
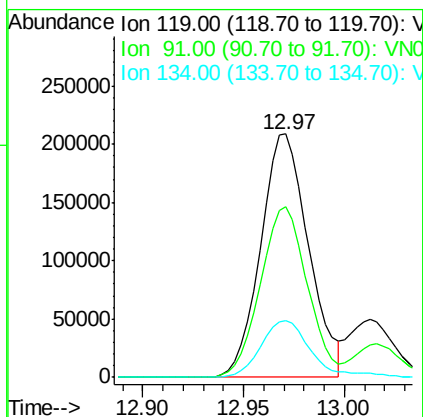
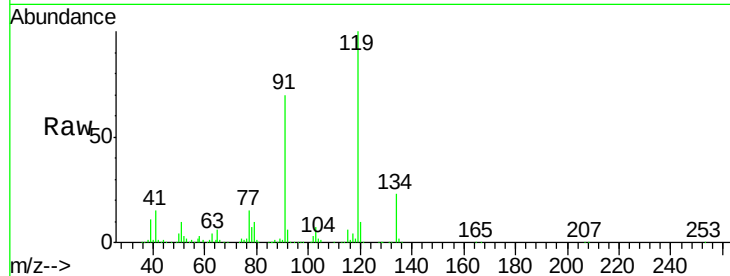
#83
tert-Butylbenzene
Concen: 20.047 ug/l
RT: 12.97 min Scan# 3493
Delta R.T. 0.00 min
Lab File: VN063185.D
Acq: 2 Sep 2020 11:00

Instrument :
MSVOA_N
ClientSampled :
VN0902WBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	68.2	33.7	101.0
134	24.7	12.0	36.0

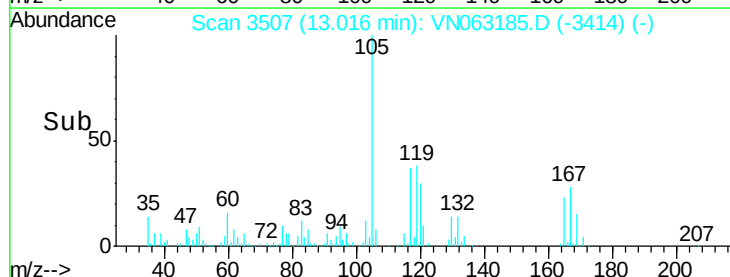
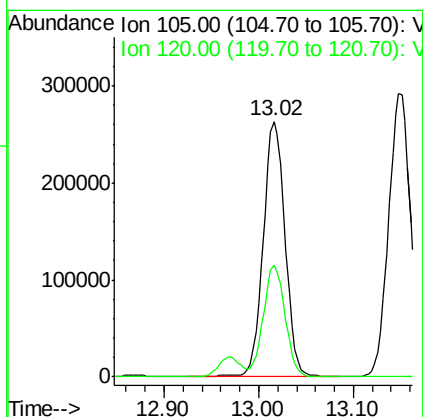
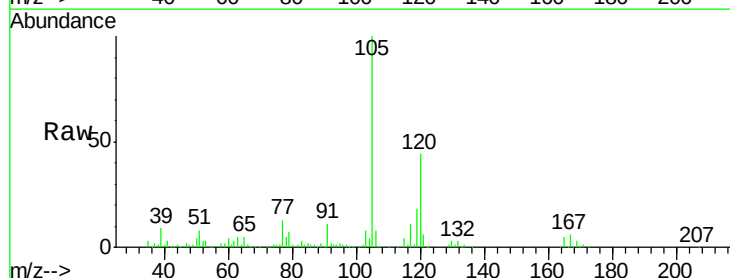
Manual Integrations
APPROVED

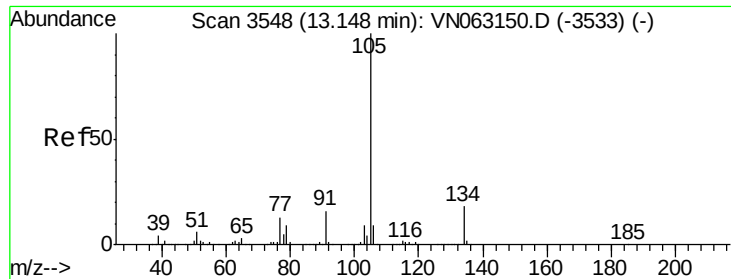
MMDadoda
9/3/2020 9:28:45 AM



#84
1,2,4-Trimethylbenzene
Concen: 20.875 ug/l
RT: 13.02 min Scan# 3507
Delta R.T. 0.00 min
Lab File: VN063185.D
Acq: 2 Sep 2020 11:00

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.5	22.6	67.7





#85

sec-Butylbenzene

Concen: 21.118 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN063185.D

Acq: 2 Sep 2020 11:00

Instrument :

MSVOA_N

ClientSampleId :

VN0902WBS01

Tot Ion:105 Resp: 473955

Ion Ratio Lower Upper

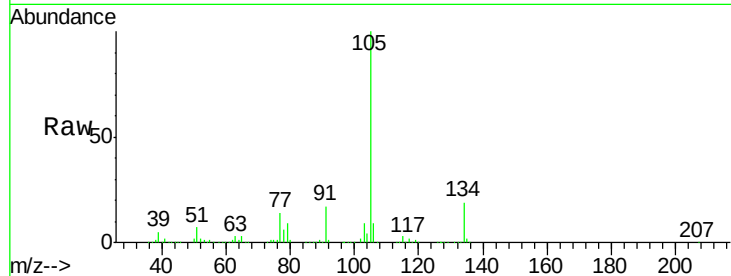
105 100

134 18.4 9.4 28.3

Manual Integrations
APPROVED

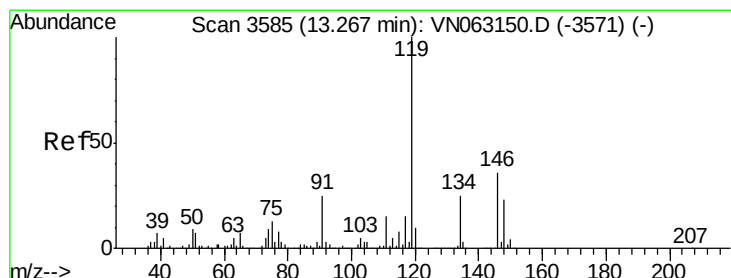
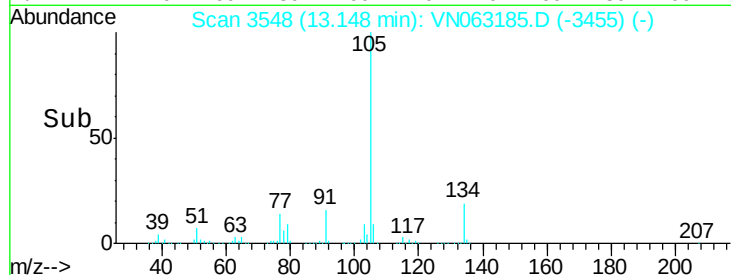
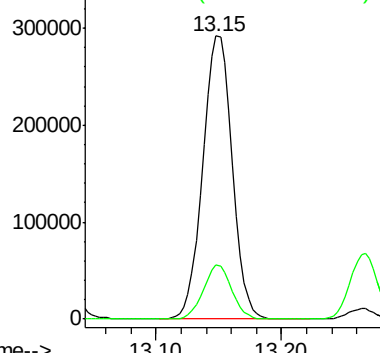
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9/3/2020 9:28:45 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.891 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. -0.00 min

Lab File: VN063185.D

Acq: 2 Sep 2020 11:00

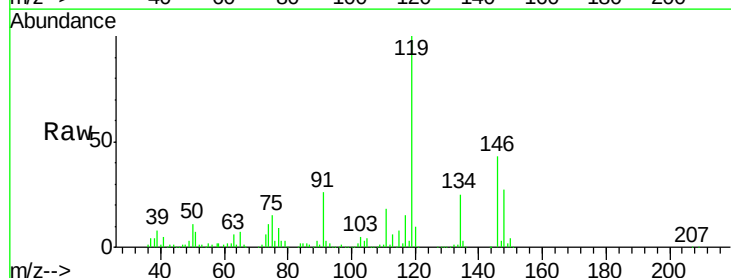
Tgt Ion:119 Resp: 416272

Ion Ratio Lower Upper

119 100

134 24.9 12.4 37.4

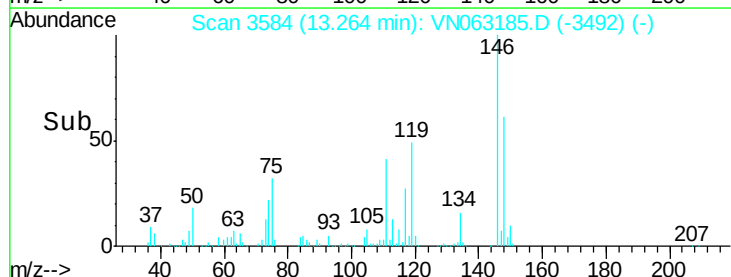
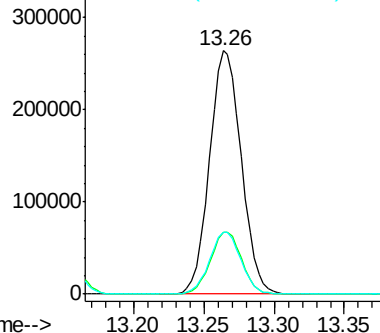
91 25.2 12.2 36.6

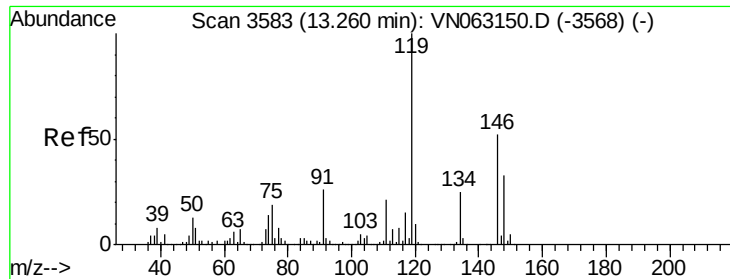


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





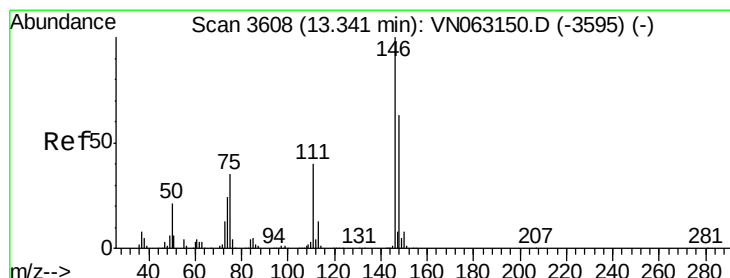
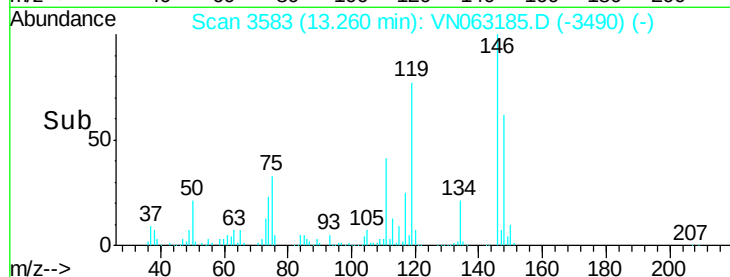
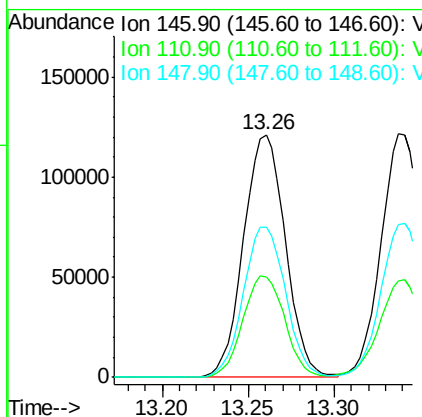
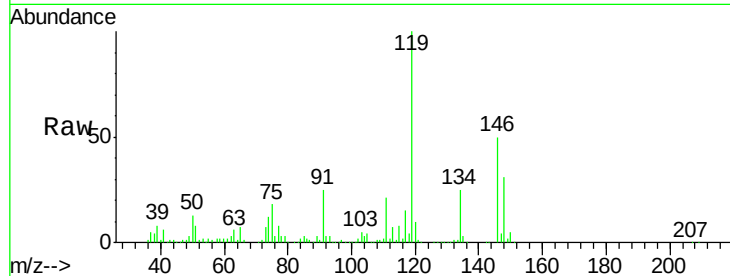
#87
 1,3-Dichlorobenzene
 Concen: 20.450 ug/l
 RT: 13.26 min Scan# 3583
 Delta R.T. 0.00 min
 Lab File: VN063185.D
 Acq: 2 Sep 2020 11:00

Instrument :
 MSVOA_N
 ClientSampled :
 VN0902WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.7	21.3	63.7
148	62.5	31.9	95.9

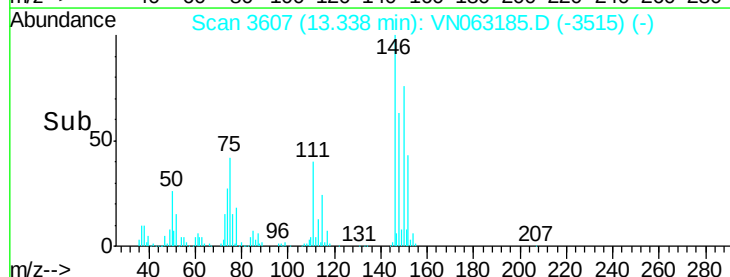
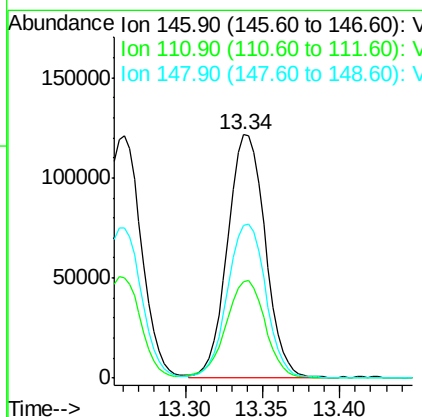
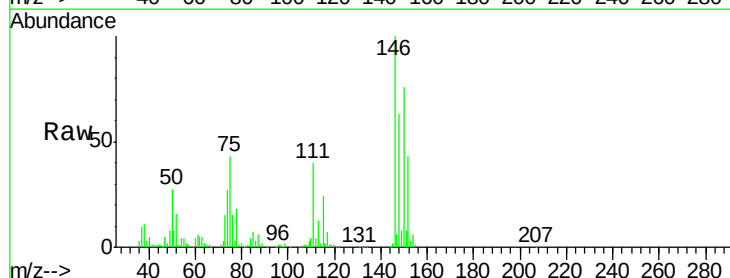
Manual Integrations
 APPROVED

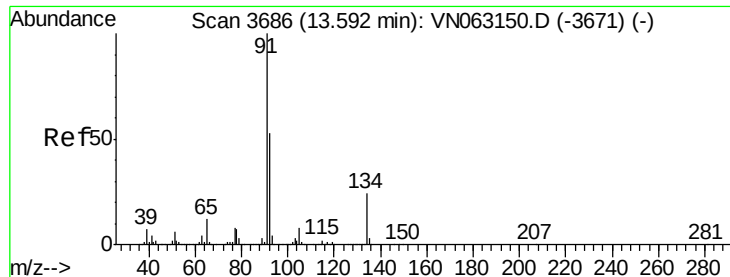
MMDadoda
 9/3/2020 9:28:45 AM



#88
 1,4-Dichlorobenzene
 Concen: 19.721 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. -0.00 min
 Lab File: VN063185.D
 Acq: 2 Sep 2020 11:00

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.2	20.5	61.5
148	64.6	31.9	95.7





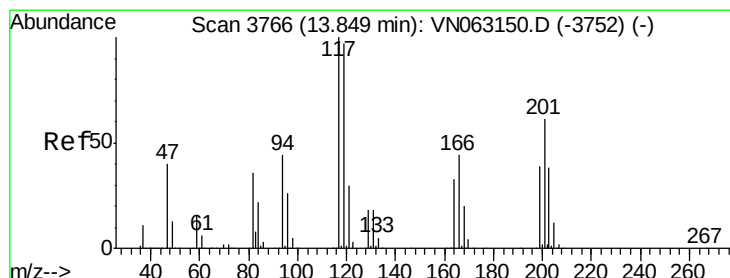
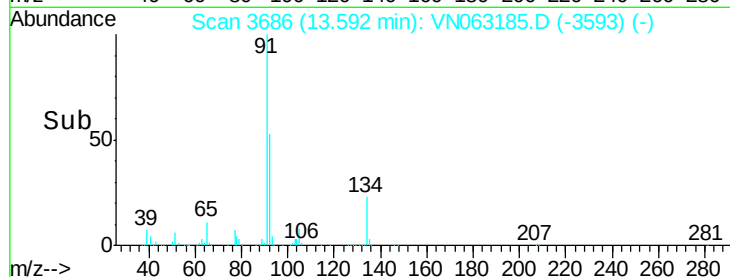
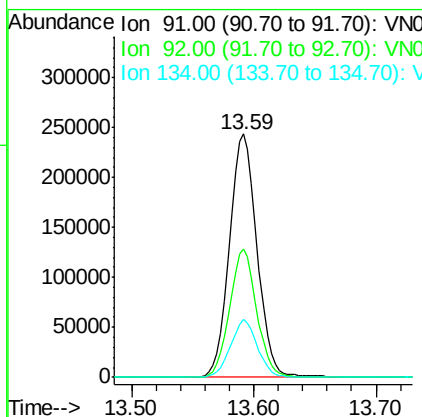
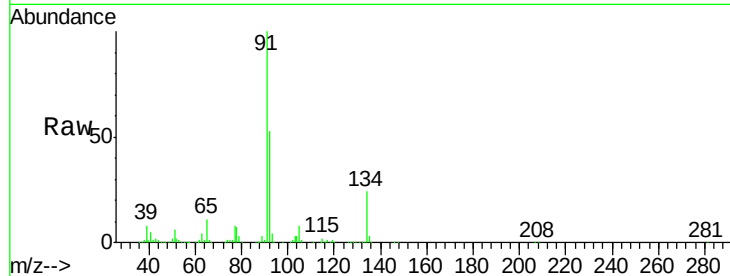
#89
n-Butylbenzene
Concen: 20.904 ug/l
RT: 13.59 min Scan# 3686
Delta R.T. 0.00 min
Lab File: VN063185.D
Acq: 2 Sep 2020 11:00

Instrument :
MSVOA_N
ClientSampleId :
VN0902WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.6	26.3	78.8
134	23.2	12.0	36.0

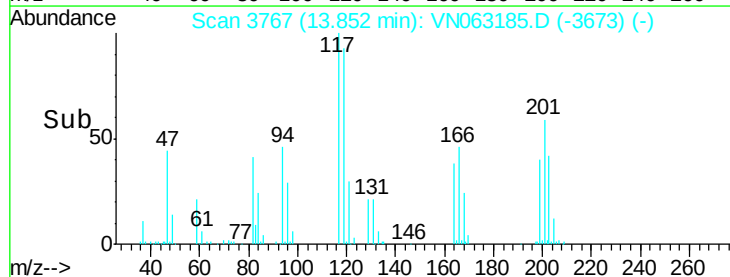
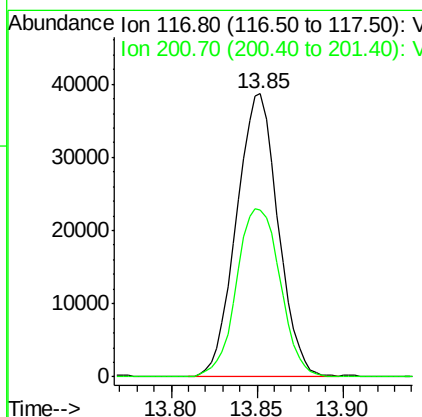
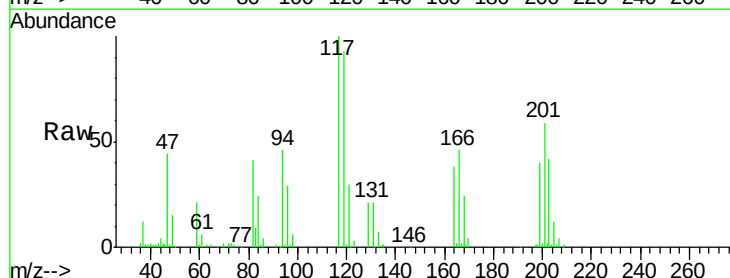
Manual Integrations
APPROVED

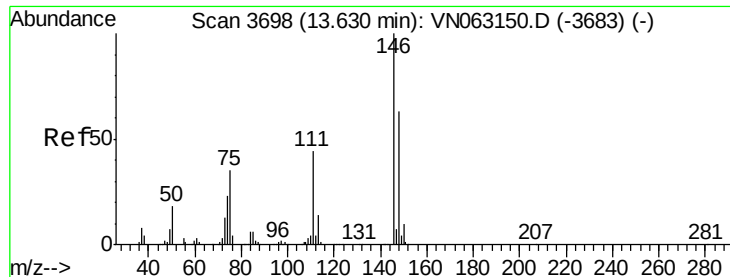
MMDadoda
9/3/2020 9:28:45 AM



#90
Hexachloroethane
Concen: 17.719 ug/l
RT: 13.85 min Scan# 3767
Delta R.T. 0.00 min
Lab File: VN063185.D
Acq: 2 Sep 2020 11:00

Tgt Ion	Ratio	Lower	Upper
117	100		
201	62.3	30.6	92.0





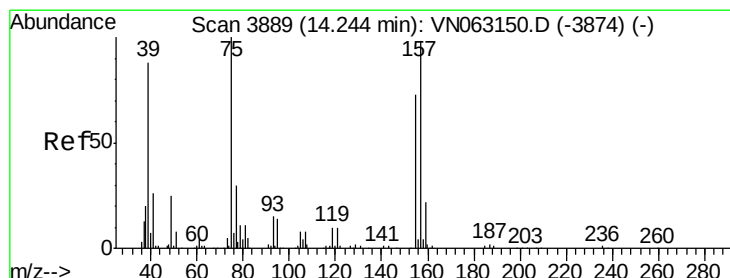
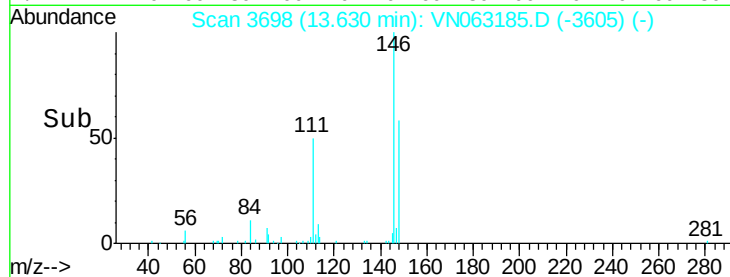
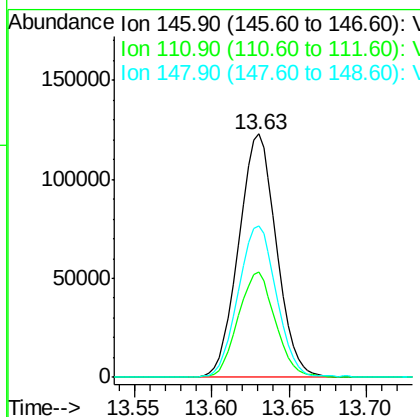
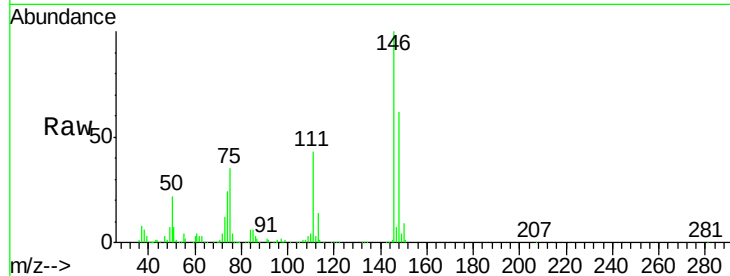
#91
 1,2-Dichlorobenzene
 Concen: 21.478 ug/l
 RT: 13.63 min Scan# 3698
 Delta R.T. 0.00 min
 Lab File: VN063185.D
 Acq: 2 Sep 2020 11:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0902WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.7	22.0	66.0
148	62.9	31.6	95.0

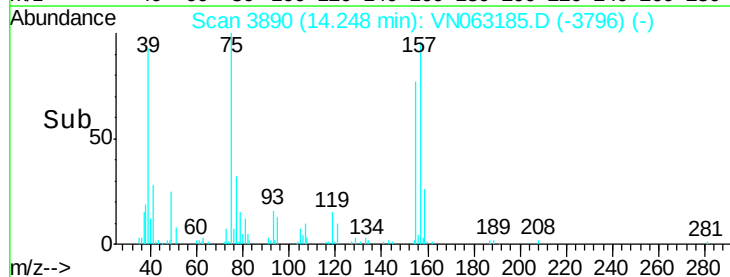
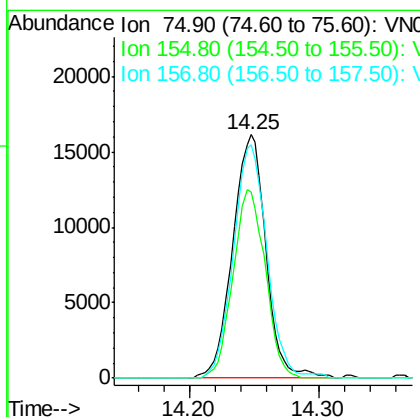
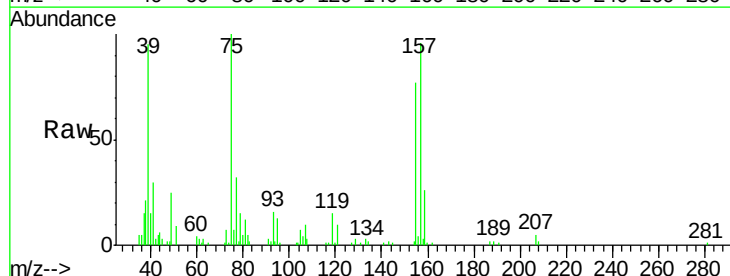
Manual Integrations
 APPROVED

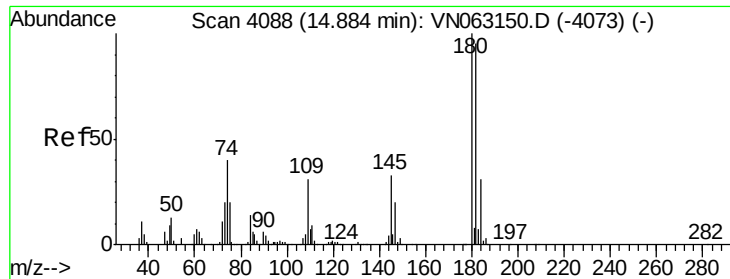
MMDadoda
 9/3/2020 9:28:45 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.897 ug/l
 RT: 14.25 min Scan# 3890
 Delta R.T. 0.00 min
 Lab File: VN063185.D
 Acq: 2 Sep 2020 11:00

Tgt Ion	Ratio	Lower	Upper
75	100		
155	75.0	36.1	108.5
157	96.9	48.4	145.0





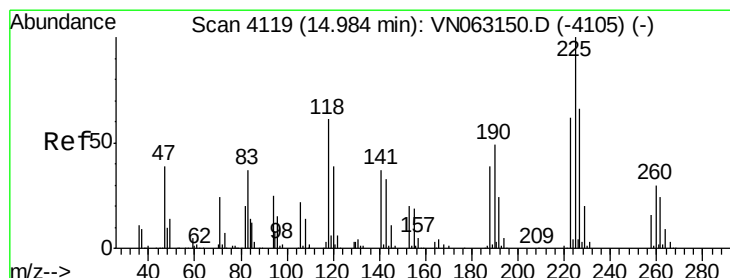
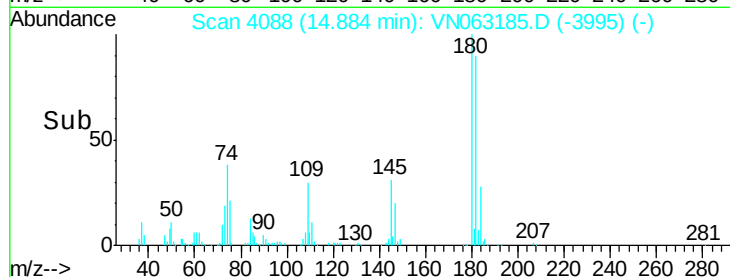
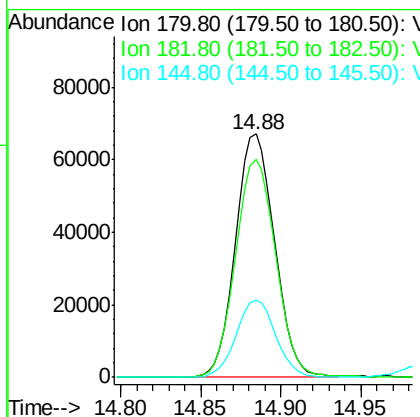
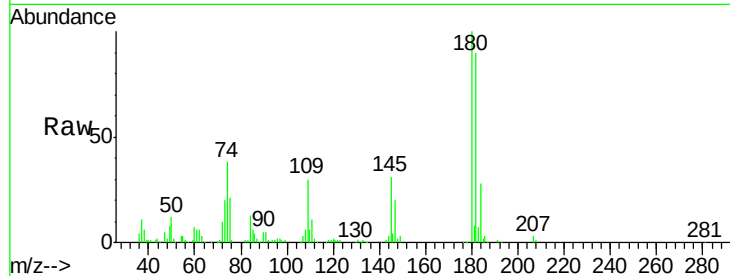
#93
 1,2,4-Trichlorobenzene
 Concen: 20.576 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN063185.D
 Acq: 2 Sep 2020 11:00

Instrument :
 MSVOA_N
 ClientSampled :
 VN0902WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	111804		
182	91.9	47.5	142.5	
145	32.0	16.6	49.8	

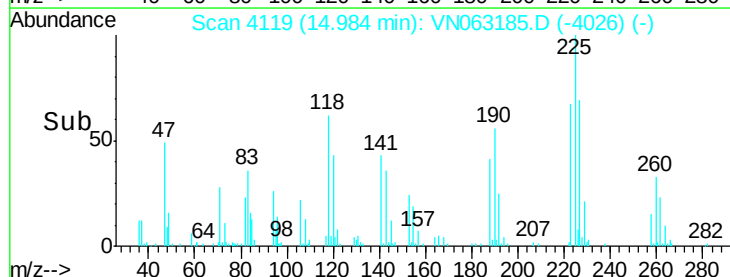
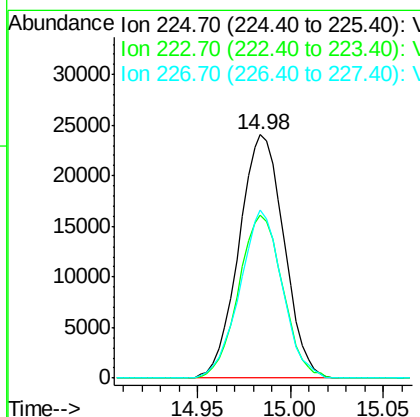
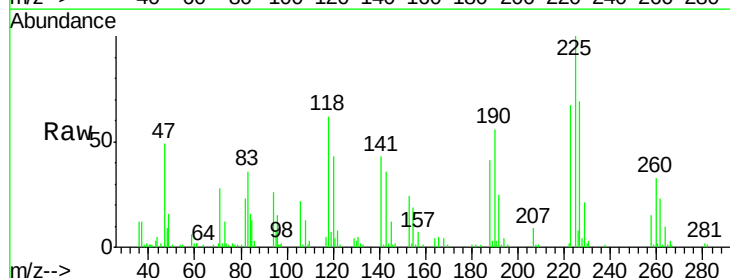
Manual Integrations
 APPROVED

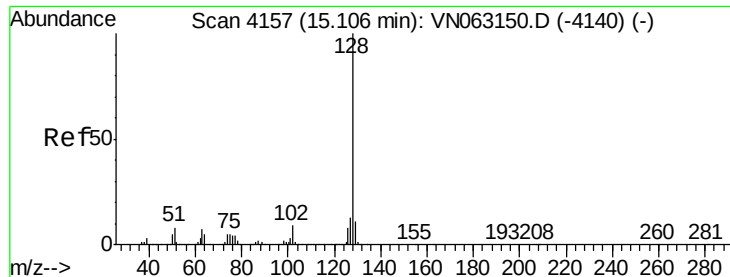
MMDadoda
 9/3/2020 9:28:45 AM



#94
 Hexachlorobutadiene
 Concen: 19.952 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN063185.D
 Acq: 2 Sep 2020 11:00

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	40501		
223	65.6	30.9	92.7	
227	64.9	32.9	98.7	





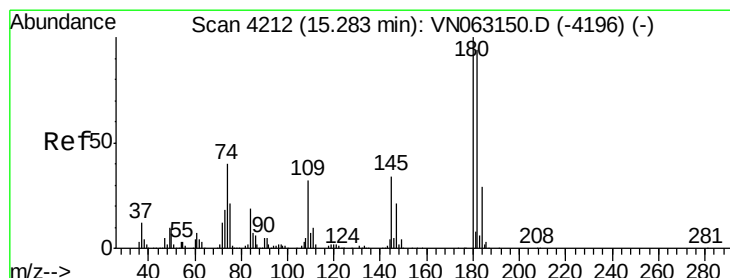
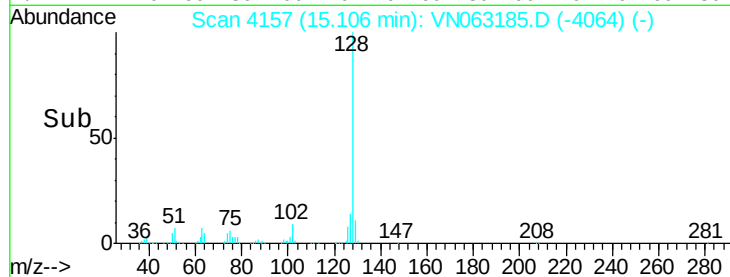
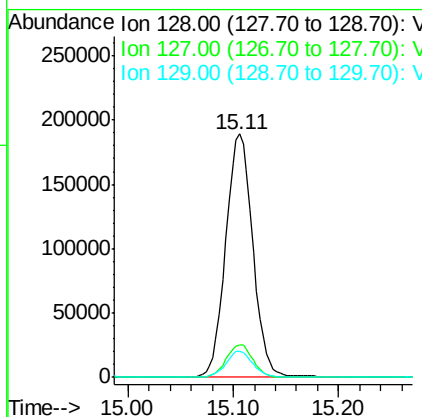
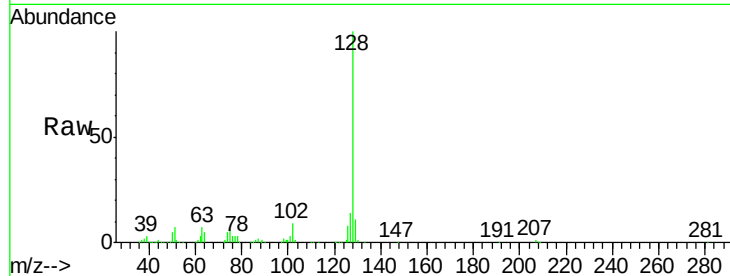
#95
Naphthalene
Concen: 18.553 ug/l
RT: 15.11 min Scan# 4157
Delta R.T. 0.00 min
Lab File: VN063185.D
Acq: 2 Sep 2020 11:00

Instrument :
MSVOA_N
ClientSampleId :
VN0902WBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
127	13.3	10.5	15.7	
129	10.5	8.6	13.0	

Manual Integrations
APPROVED

MMDadoda
9/3/2020 9:28:45 AM



#96
1,2,3-Trichlorobenzene
Concen: 20.112 ug/l
RT: 15.29 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN063185.D
Acq: 2 Sep 2020 11:00

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	91.2	47.5	142.5	
145	31.7	17.3	52.0	

