

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100720\
 Data File : VN063963.D
 Acq On : 8 Oct 2020 00:53
 Operator : JC/MD
 Sample : VN1007WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1007WBSD02

Manual Integrations
 APPROVED

MMDadoda
 10/8/2020 10:09:38 AM

Quant Time: Oct 08 06:30:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	273656	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	453289	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	423072	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	195445	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	218706	48.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.76%	
35) Dibromofluoromethane	7.55	113	150780	47.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.88%	
50) Toluene-d8	10.06	98	555180	46.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.12%	
62) 4-Bromofluorobenzene	12.38	95	202252	45.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	48340	16.741	ug/l	100
3) Chloromethane	2.04	50	57671	17.022	ug/l	100
4) Vinyl Chloride	2.16	62	58380	17.166	ug/l	96
5) Bromomethane	2.54	94	35293	16.498	ug/l	89
6) Chloroethane	2.68	64	38506	18.948	ug/l	97
7) Trichlorofluoromethane	2.99	101	96925	17.969	ug/l	96
8) Diethyl Ether	3.38	74	33954	18.613	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.73	101	51522	17.871	ug/l	97
10) Methyl Iodide	3.91	142	54056	16.148	ug/l #	96
11) Tert butyl alcohol	4.73	59	50690	101.556	ug/l	98
12) 1,1-Dichloroethene	3.70	96	47768	17.334	ug/l	95
13) Acrolein	3.57	56	27323	89.192	ug/l	99
14) Allyl chloride	4.28	41	95143	18.585	ug/l	96
15) Acrylonitrile	4.93	53	138268	96.777	ug/l	98
16) Acetone	3.78	43	132992	95.560	ug/l	96
17) Carbon Disulfide	4.01	76	129316	17.820	ug/l	100
18) Methyl Acetate	4.28	43	73895	20.450	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	188462	18.824	ug/l	98
20) Methylene Chloride	4.51	84	60789	19.131	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	54839	17.767	ug/l	92
22) Diisopropyl ether	5.90	45	211869	20.115	ug/l	94
23) Vinyl Acetate	5.85	43	839315	96.195	ug/l	99
24) 1,1-Dichloroethane	5.79	63	113828	18.900	ug/l	98
25) 2-Butanone	6.78	43	200409	101.571	ug/l	98
26) 2,2-Dichloropropane	6.78	77	77878	14.121	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	64627	18.205	ug/l	98
28) Bromochloromethane	7.15	49	55569	18.669	ug/l	98
29) Tetrahydrofuran	7.17	42	134136	101.362	ug/l	96
30) Chloroform	7.33	83	121045	19.276	ug/l	94
31) Cyclohexane	7.61	56	90480	17.239	ug/l	94
32) 1,1,1-Trichloroethane	7.53	97	105268	18.585	ug/l	100
36) 1,1-Dichloropropene	7.75	75	83293	18.138	ug/l	97
37) Ethyl Acetate	6.88	43	83586	18.320	ug/l	98
38) Carbon Tetrachloride	7.74	117	92268	17.918	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	74017	16.162	ug/l	97
40) Benzene	8.00	78	243293	18.548	ug/l	100
41) Methacrylonitrile	7.13	41	41381	20.407	ug/l	97
42) 1,2-Dichloroethane	8.09	62	102005	18.218	ug/l	98
43) Isopropyl Acetate	8.13	43	143393	19.054	ug/l #	90
44) Trichloroethene	8.80	130	61953	18.027	ug/l	99
45) 1,2-Dichloropropane	9.08	63	68352	19.295	ug/l	99
46) Dibromomethane	9.17	93	45223	18.506	ug/l	98
47) Bromodichloromethane	9.37	83	95712	19.004	ug/l	100
48) Methyl methacrylate	9.17	41	73541	19.779	ug/l	90
49) 1,4-Dioxane	9.17	88	19363	366.427	ug/l	93
51) 4-Methyl-2-Pentanone	9.95	43	445667	100.913	ug/l	99
52) Toluene	10.13	92	149953	18.483	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	93467	17.313	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	100063	17.723	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	62049	19.071	ug/l	98
56) Ethyl methacrylate	10.40	69	84280	18.275	ug/l	96
57) 1,3-Dichloropropane	10.68	76	105072	19.088	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	232167	94.111	ug/l	99
59) 2-Hexanone	10.72	43	314200	95.771	ug/l	99
60) Dibromochloromethane	10.87	129	69992	18.472	ug/l	98
61) 1,2-Dibromoethane	10.98	107	62049	18.643	ug/l	99
64) Tetrachloroethene	10.60	164	58271	17.803	ug/l	97
65) Chlorobenzene	11.41	112	161110	18.564	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	62960	18.923	ug/l	98
67) Ethyl Benzene	11.49	91	283747	17.968	ug/l	100
68) m/p-Xylenes	11.59	106	211659	35.962	ug/l	99
69) o-Xylene	11.92	106	100189	18.213	ug/l	100
70) Styrene	11.94	104	168167	18.009	ug/l	99
71) Bromoform	12.10	173	46307	18.198	ug/l #	97
73) Isopropylbenzene	12.22	105	266346	18.684	ug/l	100
74) N-amyl acetate	12.05	43	116805	19.064	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	85445	19.601	ug/l	97
76) 1,2,3-Trichloropropane	12.53	75	82822m	19.223	ug/l	
77) Bromobenzene	12.50	156	69003	19.727	ug/l	99
78) n-propylbenzene	12.57	91	302081	18.208	ug/l	99
79) 2-Chlorotoluene	12.65	91	190952	18.714	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	220628	18.448	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	24488	16.370	ug/l	89
82) 4-Chlorotoluene	12.75	91	194770	18.388	ug/l	97
83) tert-Butylbenzene	12.97	119	181012	18.503	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	223717	18.736	ug/l	99
85) sec-Butylbenzene	13.15	105	235706	18.344	ug/l	100
86) p-Isopropyltoluene	13.26	119	204169	17.962	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	117671	18.594	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	116625	17.700	ug/l	99
89) n-Butylbenzene	13.59	91	169314	16.138	ug/l	99
90) Hexachloroethane	13.85	117	40079	18.196	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	117450	18.738	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	18756	18.347	ug/l	98

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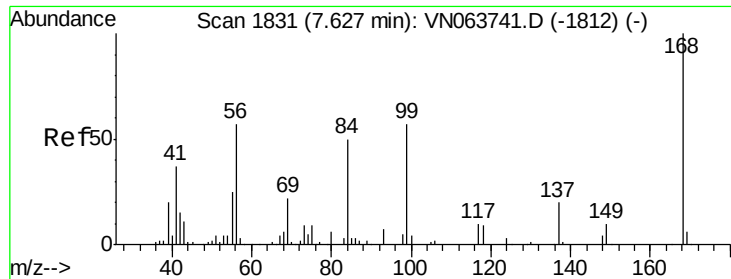
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APPROVED

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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	52496	16.604	ug/l	98
94) Hexachlorobutadiene	14.98	225	32235	19.009	ug/l	96
95) Naphthalene	15.10	128	158131	16.342	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	53850	17.347	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063963.D

Acq: 8 Oct 2020 00:53

Instrument :

MSVOA_N

ClientSampleId :

VN1007WBSD02

Tot Ion:168 Resp: 273656

Ion Ratio Lower Upper

168 100

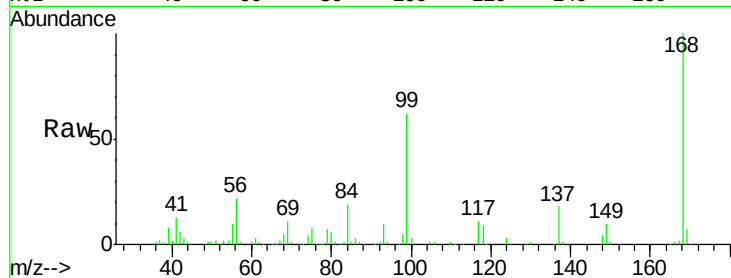
99 61.9 51.8 77.6

Manual Integrations

APPROVED

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10/8/2020 10:09:38 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

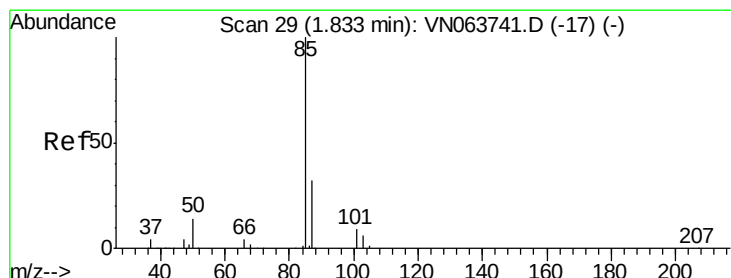
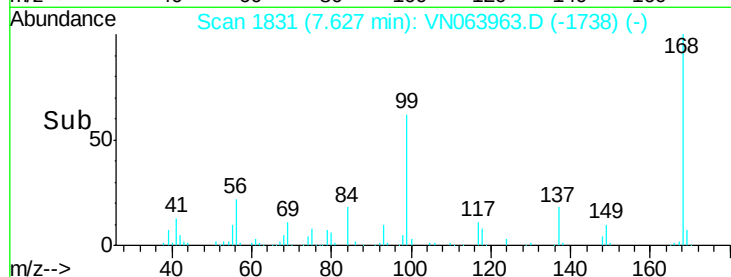
7.63

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 16.741 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063963.D

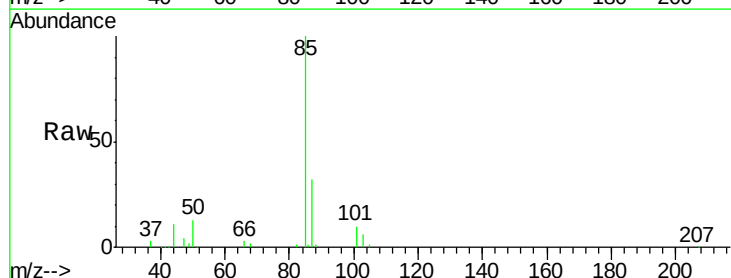
Acq: 8 Oct 2020 00:53

Tgt Ion: 85 Resp: 48340

Ion Ratio Lower Upper

85 100

87 32.0 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

40000

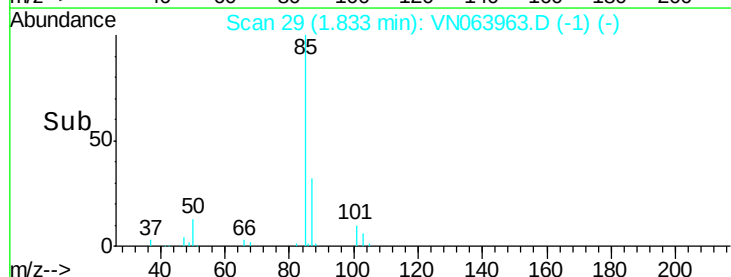
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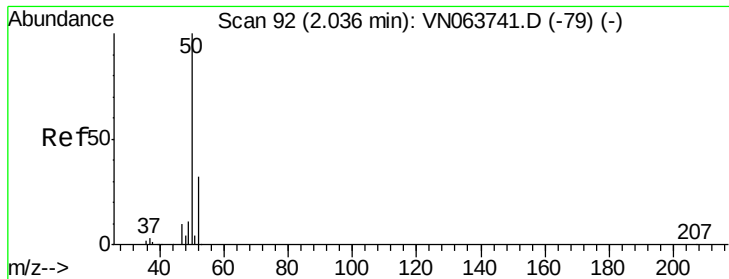
20000

10000

0

Time-->





#3

Chloromethane

Concen: 17.022 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063963.D

Acq: 8 Oct 2020 00:53

Instrument :

MSVOA_N

ClientSampleId :

VN1007WBSD02

Tot Ion: 50 Resp: 57671

Ion Ratio Lower Upper

50 100

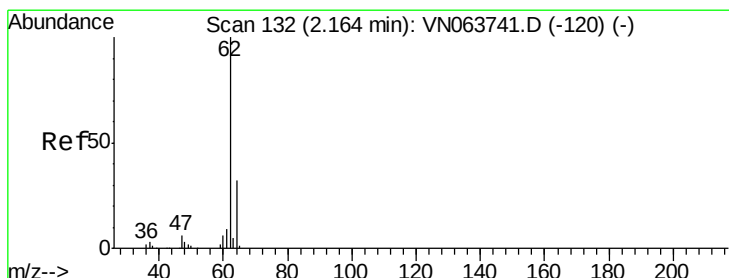
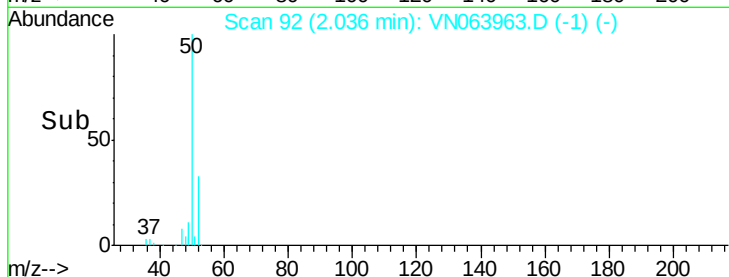
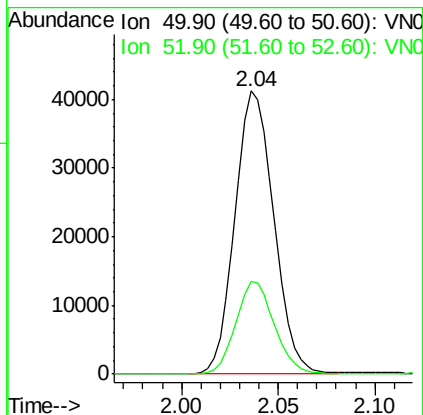
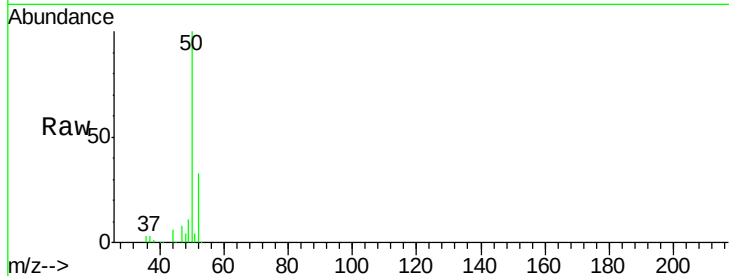
52 32.6 25.8 38.8

Manual Integrations

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10/8/2020 10:09:38 AM



#4

Vinyl Chloride

Concen: 17.166 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN063963.D

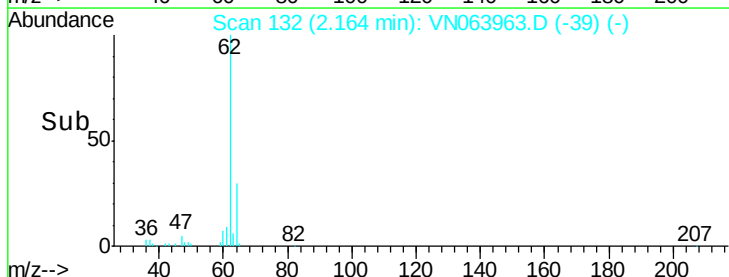
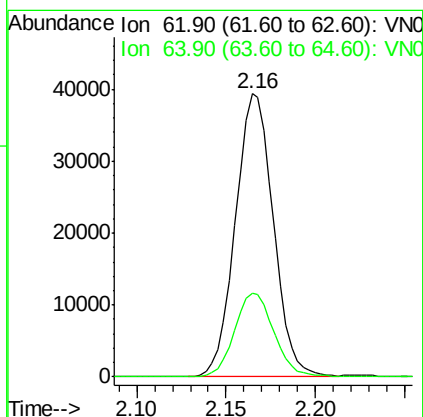
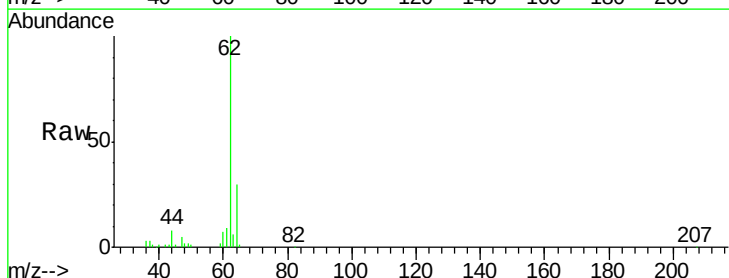
Acq: 8 Oct 2020 00:53

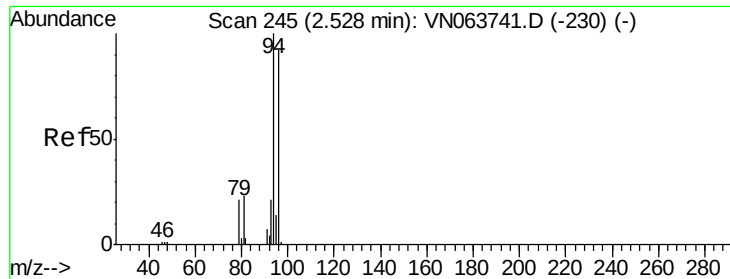
Tgt Ion: 62 Resp: 58380

Ion Ratio Lower Upper

62 100

64 29.8 25.6 38.4





#5

Bromomethane

Concen: 16.498 ug/l

RT: 2.54 min Scan# 248

Delta R.T. 0.01 min

Lab File: VN063963.D

Acq: 8 Oct 2020 00:53

Instrument :

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ClientSampleId :

VN1007WBSD02

Tot Ion: 94 Resp: 35293

Ion Ratio Lower Upper

94 100

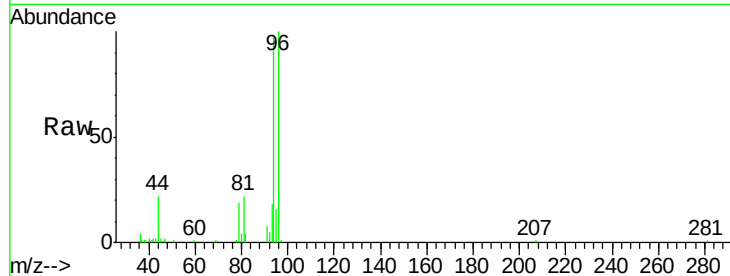
96 102.2 73.3 109.9

Manual Integrations

APPROVED

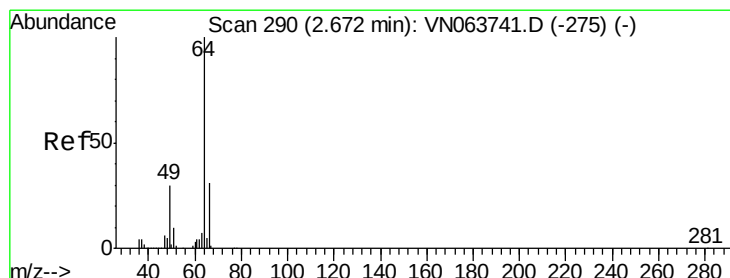
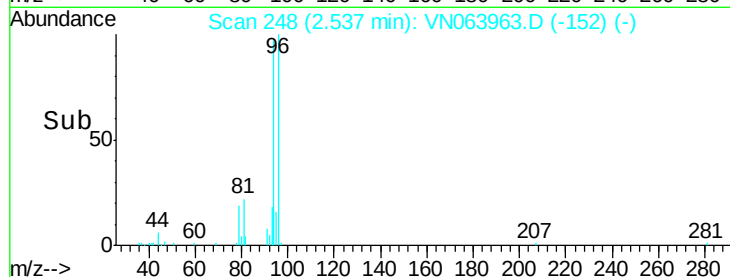
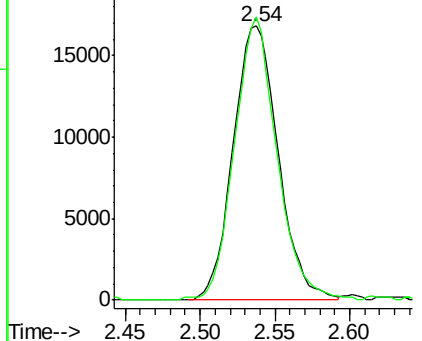
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 18.948 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN063963.D

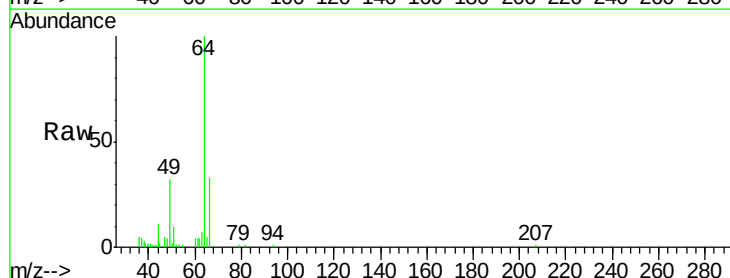
Acq: 8 Oct 2020 00:53

Tgt Ion: 64 Resp: 38506

Ion Ratio Lower Upper

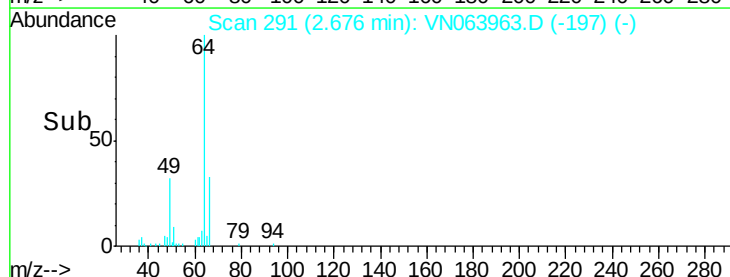
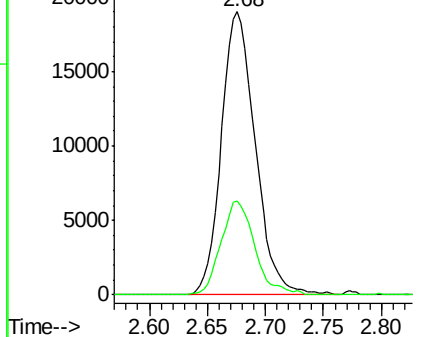
64 100

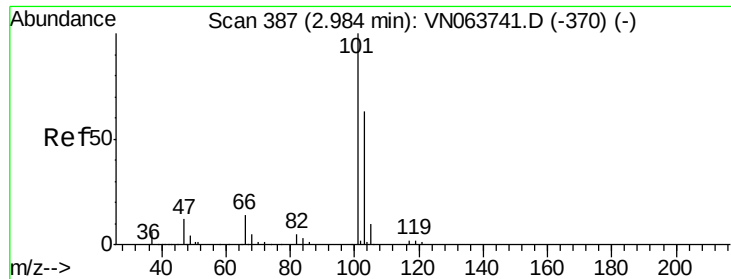
66 33.3 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

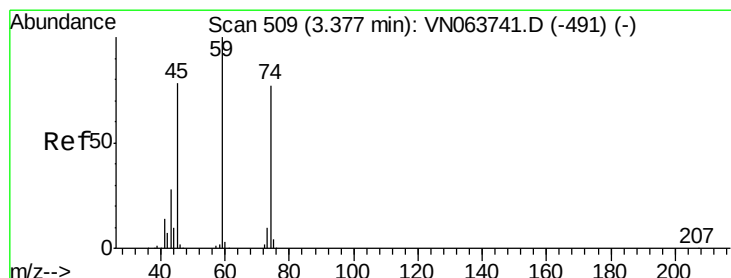
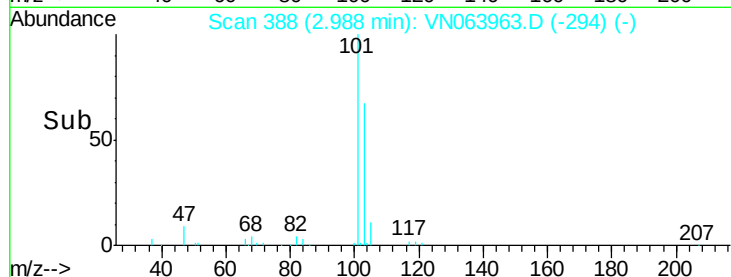
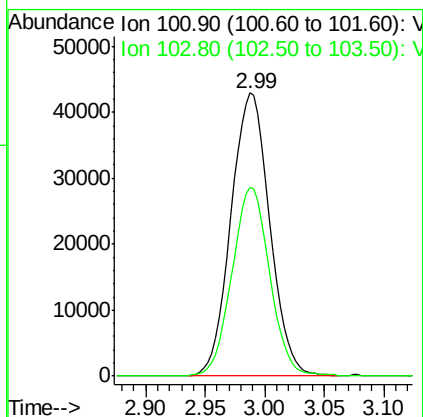
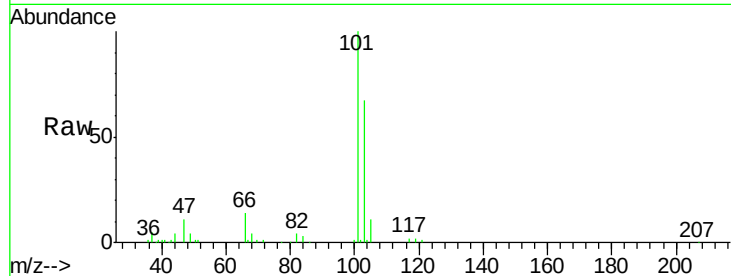
Trichlorofluoromethane
 Concen: 17.969 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: VN063963.D
 Acq: 8 Oct 2020 00:53

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 ClientSampleId :
 VN1007WBSD02

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.9	50.7	76.1

Manual Integrations
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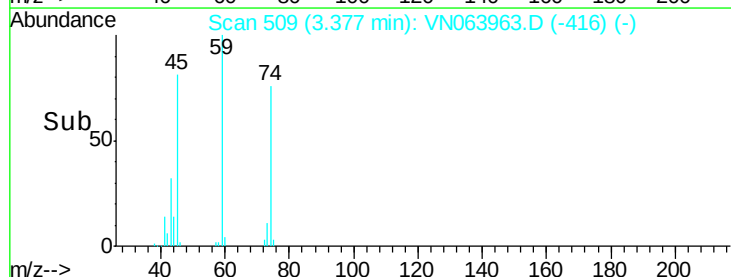
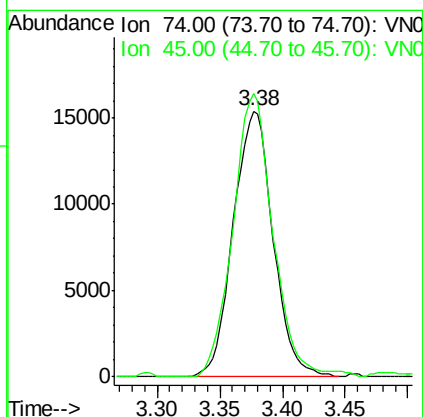
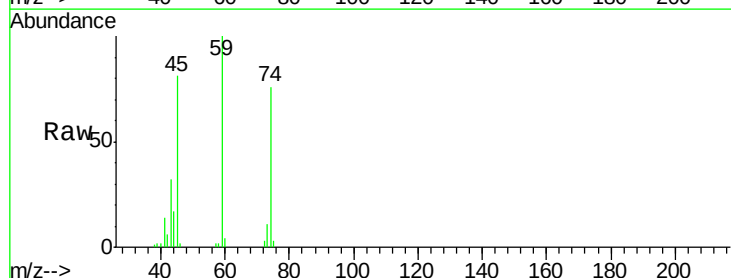
MMDadoda
 10/8/2020 10:09:38 AM

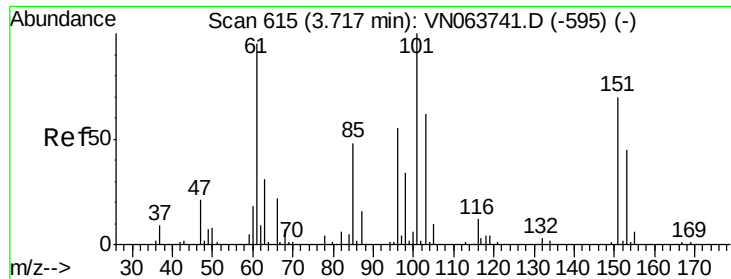


#8

Diethyl Ether
 Concen: 18.613 ug/l
 RT: 3.38 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: VN063963.D
 Acq: 8 Oct 2020 00:53

Tgt Ion	Ratio	Lower	Upper
74	100		
45	106.8	50.9	152.8





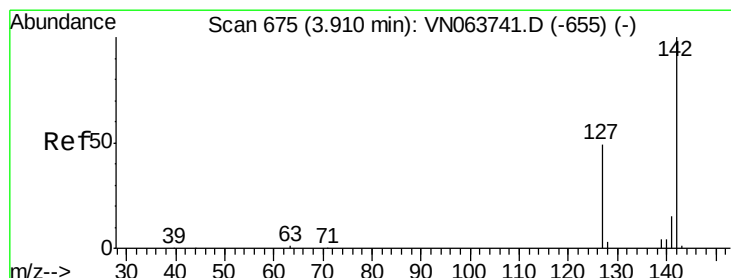
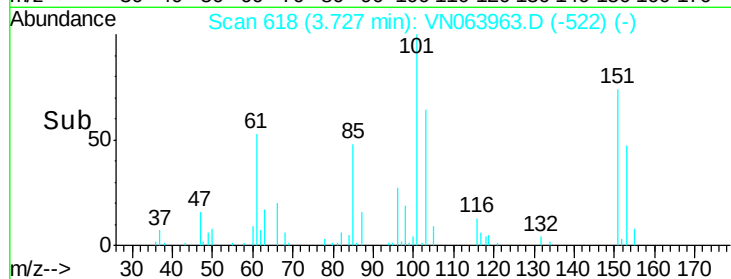
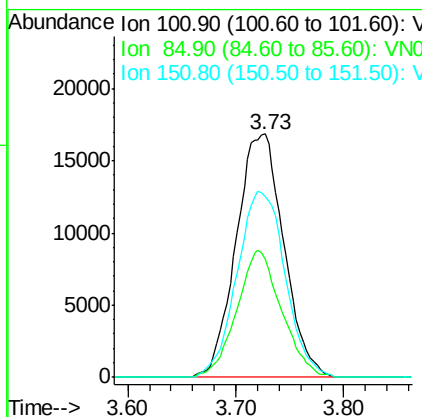
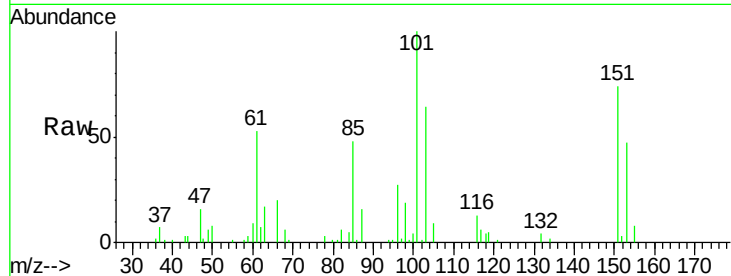
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.871 ug/l
RT: 3.73 min Scan# 618
Delta R.T. 0.01 min
Lab File: VN063963.D
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Tot Ion	Ratio	Lower	Upper
101	100		
85	49.3	38.6	58.0
151	77.4	58.7	88.1

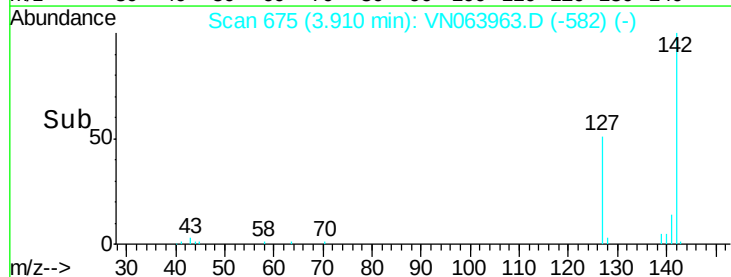
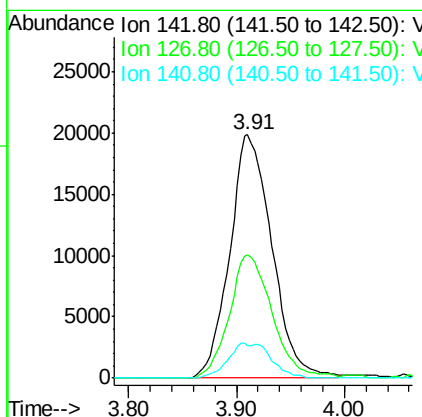
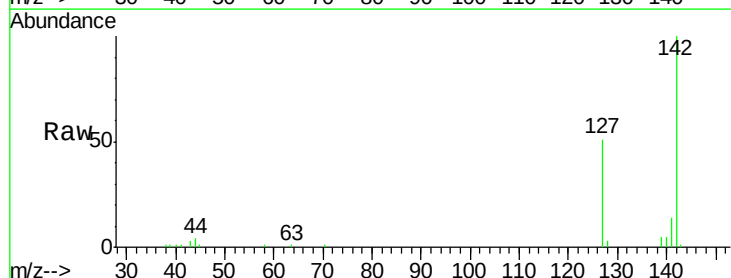
Manual Integrations
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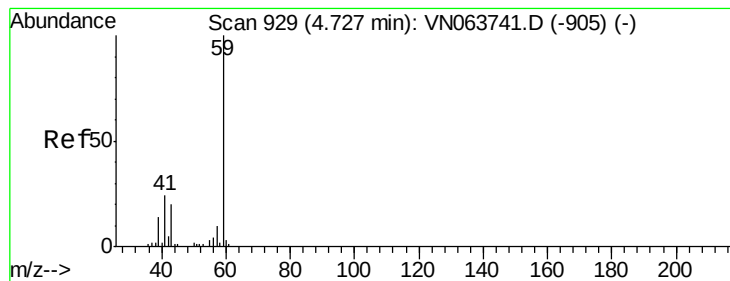
MMDadoda
10/8/2020 10:09:38 AM



#10
Methyl Iodide
Concen: 16.148 ug/l
RT: 3.91 min Scan# 675
Delta R.T. 0.00 min
Lab File: VN063963.D
Acq: 8 Oct 2020 00:53

Tgt Ion	Ratio	Lower	Upper
142	100		
127	51.4	40.5	60.7
141	8.1	11.7	17.5





#11

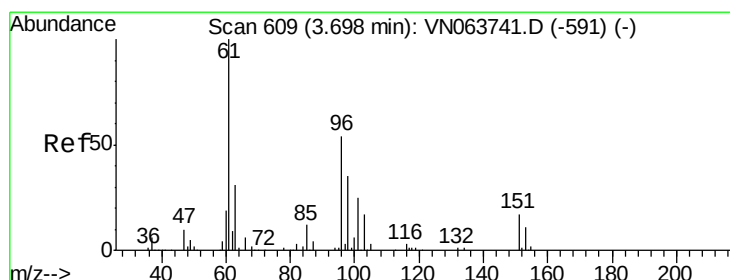
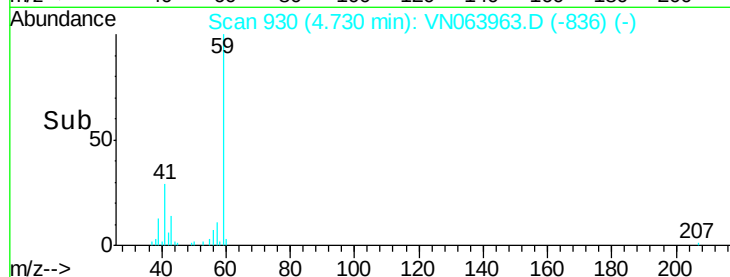
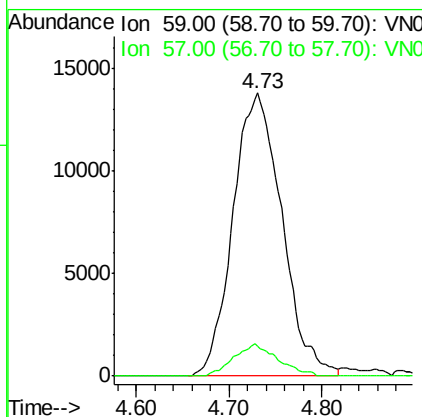
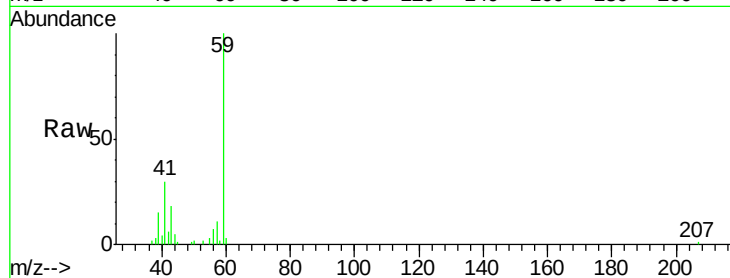
Tert butyl alcohol
Concen: 101.556 ug/l
RT: 4.73 min Scan# 930
Delta R.T. 0.00 min
Lab File: VN063963.D
Acq: 8 Oct 2020 00:53

Instrument :
MSVOA_N
ClientSampleId :
VN1007WBSD02

Tot Ion	59	Resp	50690
Ion Ratio	100	Lower	Upper
57	10.0	8.7	13.1

Manual Integrations
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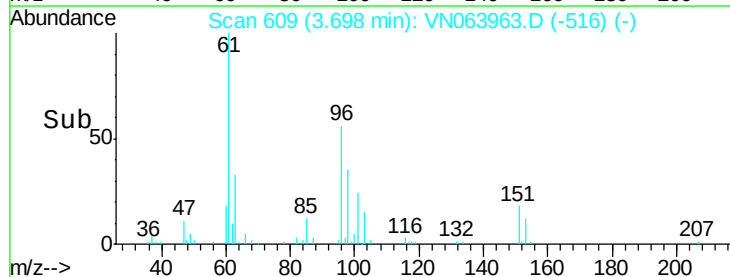
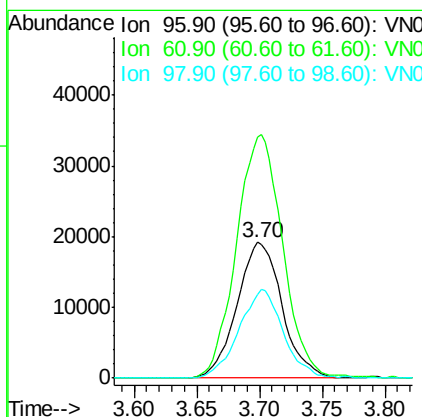
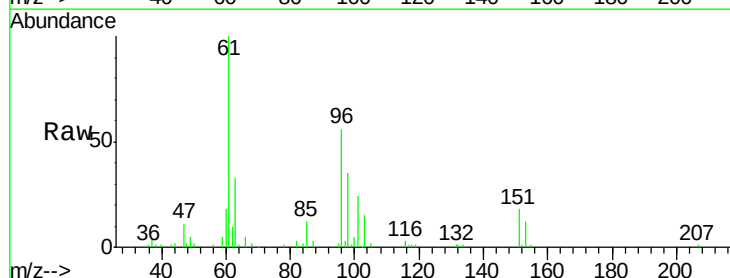
MMDadoda
10/8/2020 10:09:38 AM

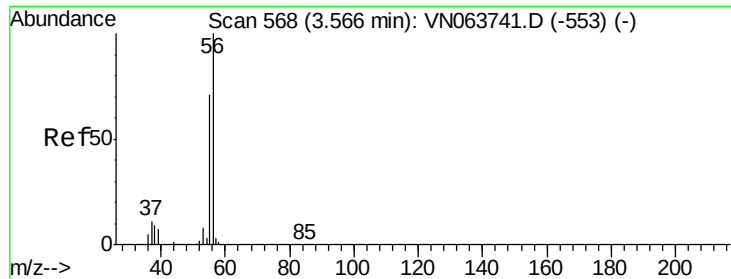


#12

1,1-Dichloroethene
Concen: 17.334 ug/l
RT: 3.70 min Scan# 609
Delta R.T. 0.00 min
Lab File: VN063963.D
Acq: 8 Oct 2020 00:53

Tgt Ion	96	Resp	47768
Ion Ratio	100	Lower	Upper
61	177.3	147.7	221.5
98	62.1	51.9	77.9





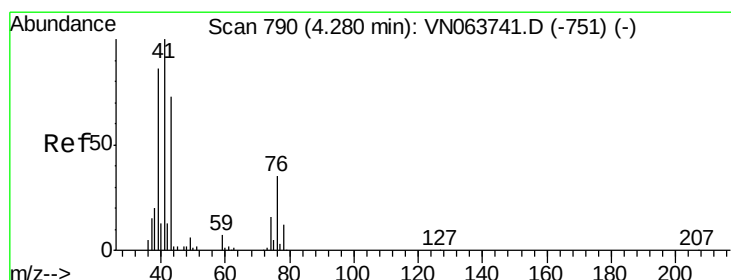
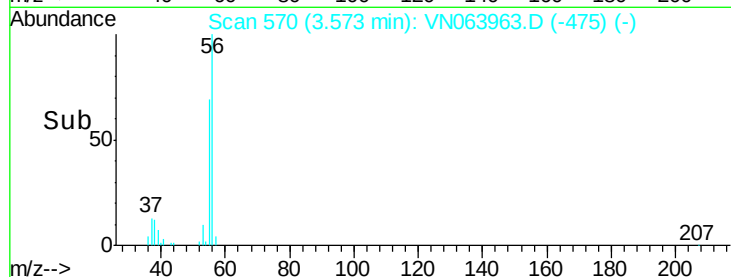
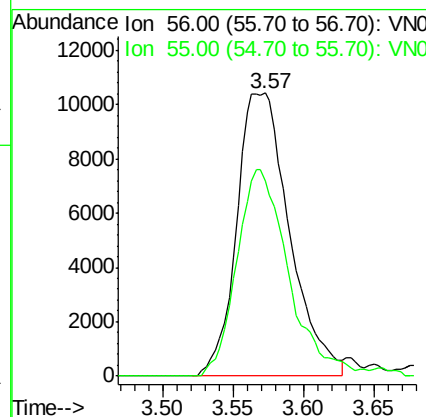
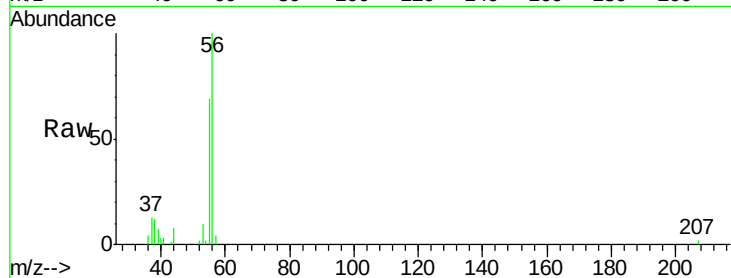
#13
Acrolein
Concen: 89.192 ug/l
RT: 3.57 min Scan# 570
Delta R.T. 0.01 min
Lab File: VN063963.D
Acq: 8 Oct 2020 00:53

Instrument :
MSVOA_N
ClientSampleId :
VN1007WBSD02

Tot Ion	56	Resp	27323
Ion Ratio	100	Lower	Upper
56	100		
55	71.7	56.9	85.3

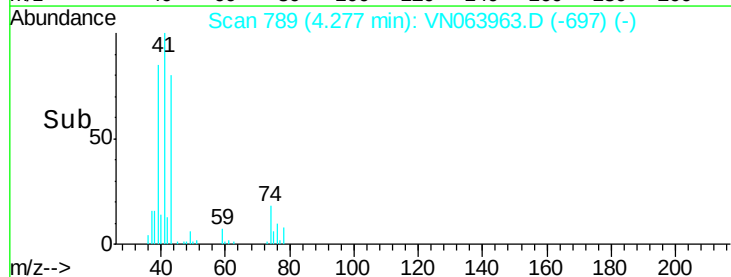
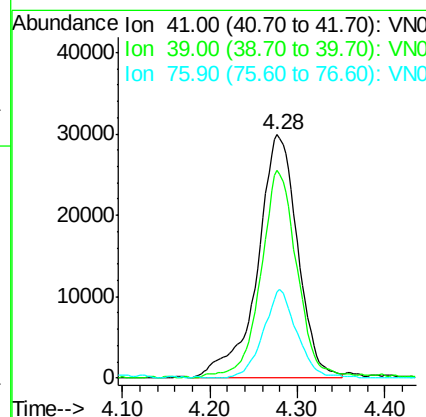
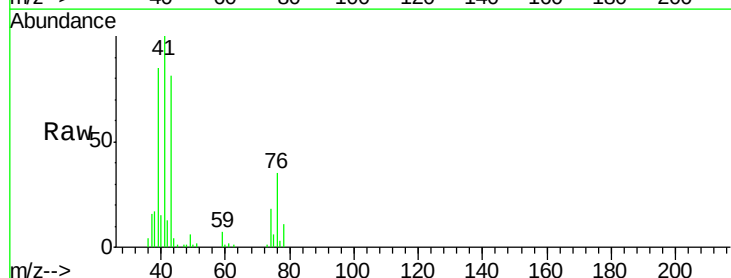
Manual Integrations
APPROVED

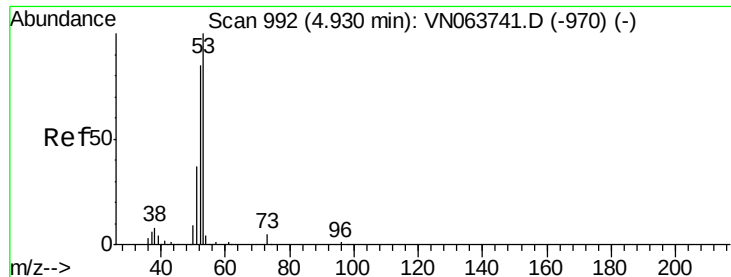
MMDadoda
10/8/2020 10:09:38 AM



#14
Allyl chloride
Concen: 18.585 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN063963.D
Acq: 8 Oct 2020 00:53

Tgt Ion	41	Resp	95143
Ion Ratio	100	Lower	Upper
41	100		
39	77.3	64.5	96.7
76	30.1	25.9	38.9





#15

Acrylonitrile

Concen: 96.777 ug/l

RT: 4.93 min Scan# 993

Delta R.T. 0.00 min

Lab File: VN063963.D

Acq: 8 Oct 2020 00:53

Instrument :

MSVOA_N

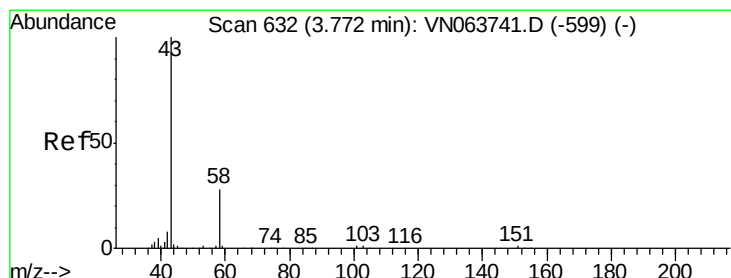
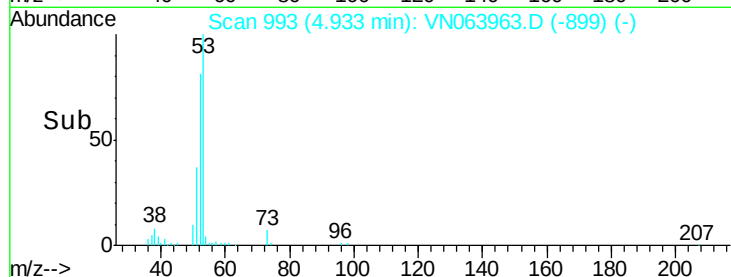
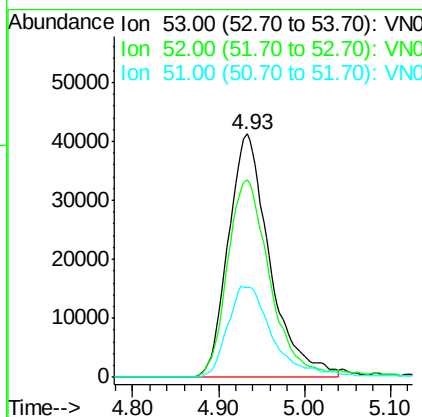
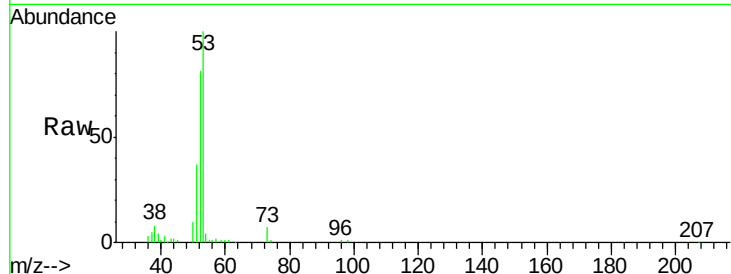
ClientSampleId :

VN1007WBSD02

Tot Ion:	53	Resp:	138268
Ion Ratio	Lower	Upper	
53	100		
52	82.2	66.5	99.7
51	40.7	29.9	44.9

Manual Integrations
APPROVED

MMDadoda
10/8/2020 10:09:38 AM



#16

Acetone

Concen: 95.560 ug/l

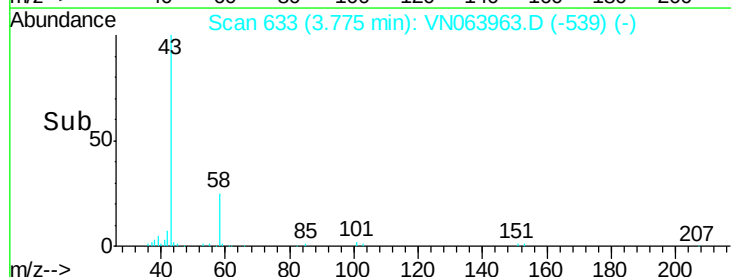
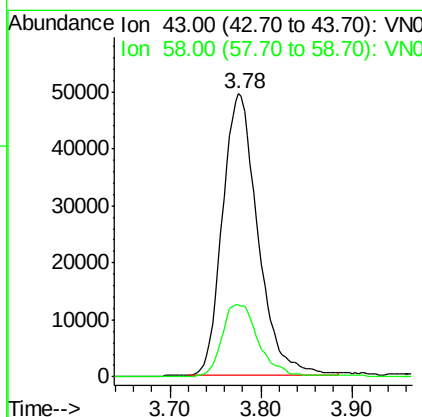
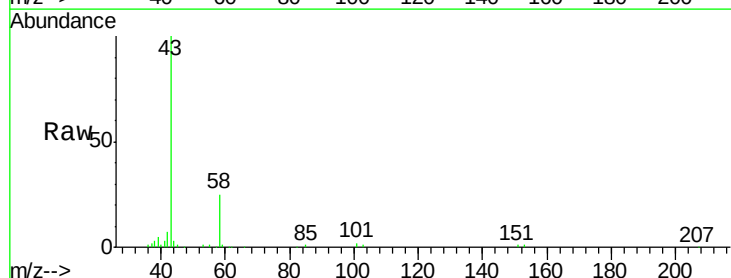
RT: 3.78 min Scan# 633

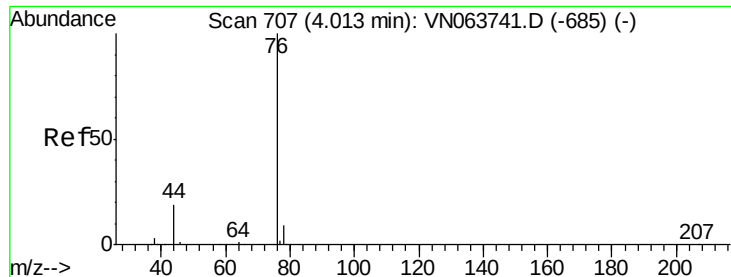
Delta R.T. 0.00 min

Lab File: VN063963.D

Acq: 8 Oct 2020 00:53

Tgt Ion:	43	Resp:	132992
Ion Ratio	Lower	Upper	
43	100		
58	25.5	22.3	33.5





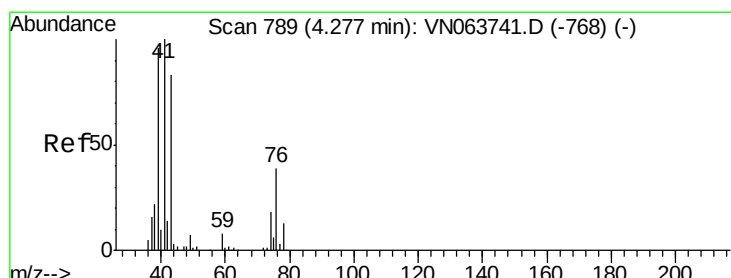
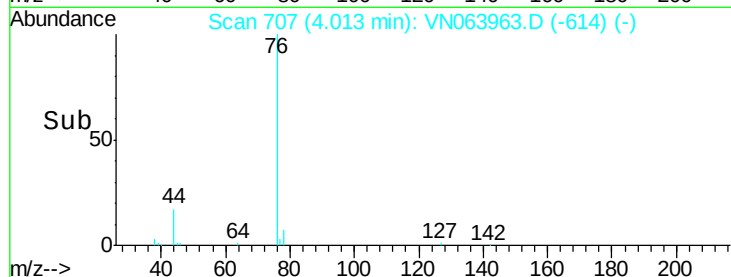
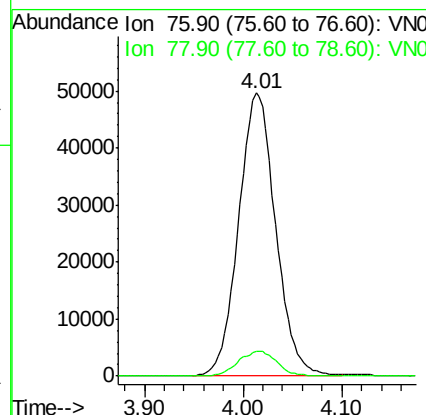
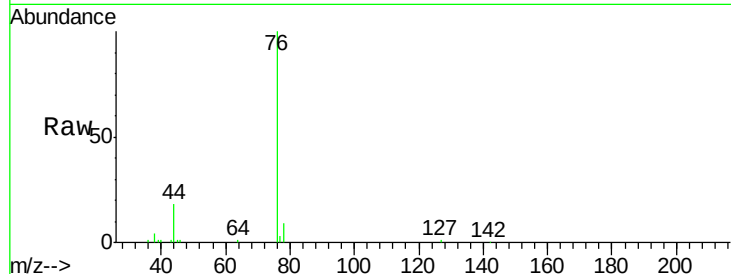
#17
Carbon Disulfide
Concen: 17.820 ug/l
RT: 4.01 min Scan# 707
Delta R.T. 0.00 min
Lab File: VN063963.D
Acq: 8 Oct 2020 00:53

Instrument :
MSVOA_N
ClientSampleId :
VN1007WBSD02

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.0	10.4

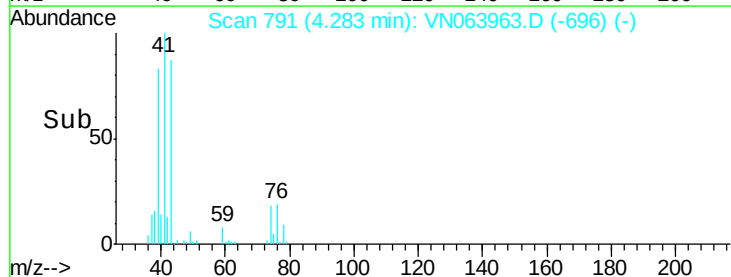
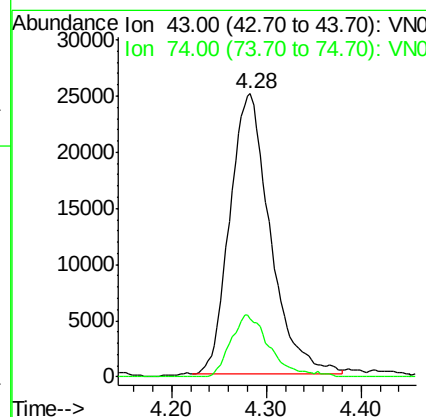
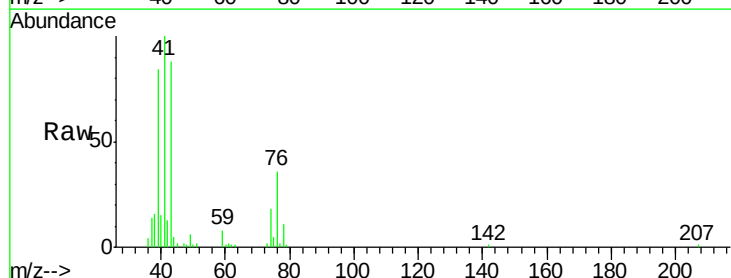
Manual Integrations
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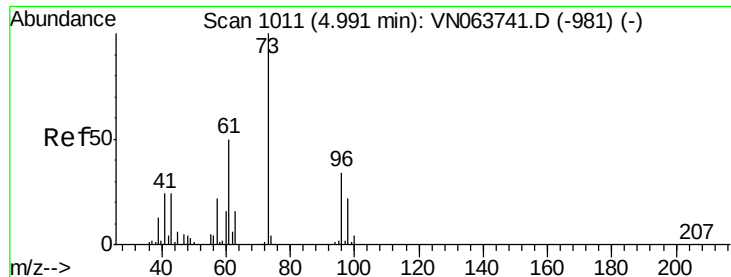
MMDadoda
10/8/2020 10:09:38 AM



#18
Methyl Acetate
Concen: 20.450 ug/l
RT: 4.28 min Scan# 791
Delta R.T. 0.01 min
Lab File: VN063963.D
Acq: 8 Oct 2020 00:53

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.3	17.4	26.2





#19

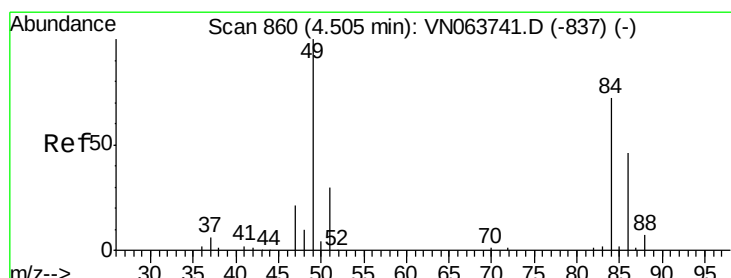
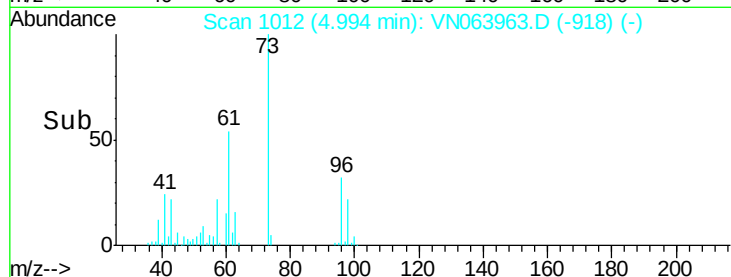
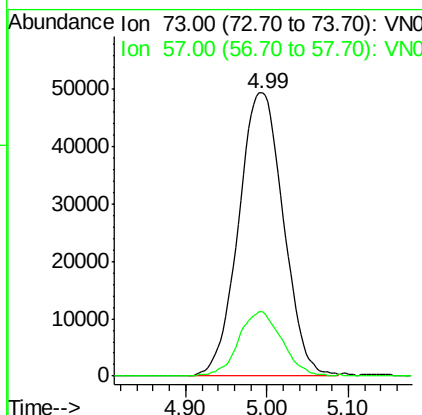
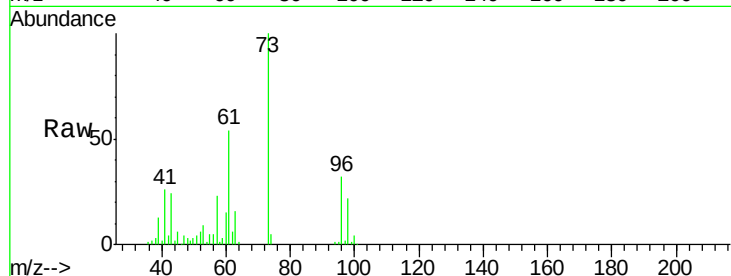
Methvl tert-butyl Ether
 Concen: 18.824 ug/l
 RT: 4.99 min Scan# 1012
 Delta R.T. 0.00 min
 Lab File: VN063963.D
 Acq: 8 Oct 2020 00:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1007WBSD02

Tot Ion: 73 Resp: 188462
 Ion Ratio Lower Upper
 73 100
 57 22.9 17.6 26.4

Manual Integrations
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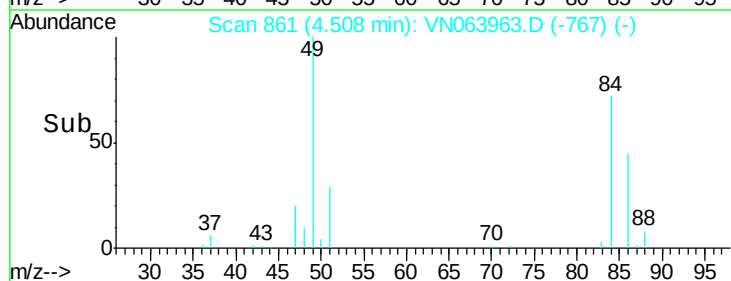
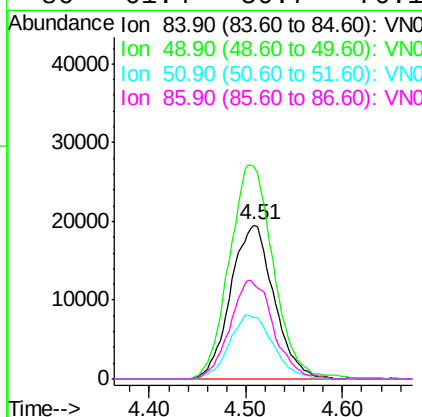
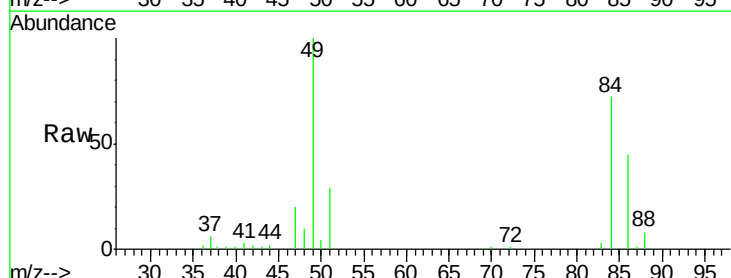
MMDadoda
 10/8/2020 10:09:38 AM

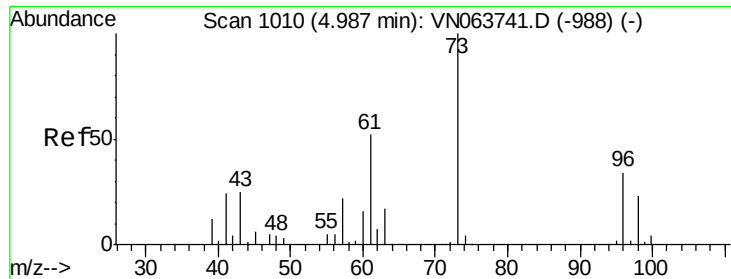


#20

Methylene Chloride
 Concen: 19.131 ug/l
 RT: 4.51 min Scan# 861
 Delta R.T. 0.00 min
 Lab File: VN063963.D
 Acq: 8 Oct 2020 00:53

Tgt Ion: 84 Resp: 60789
 Ion Ratio Lower Upper
 84 100
 49 138.0 110.4 165.6
 51 39.9 33.3 49.9
 86 61.4 50.7 76.1





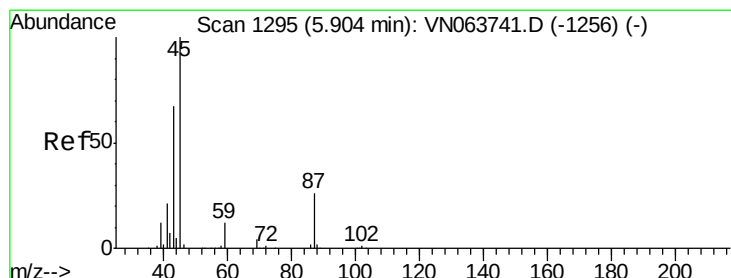
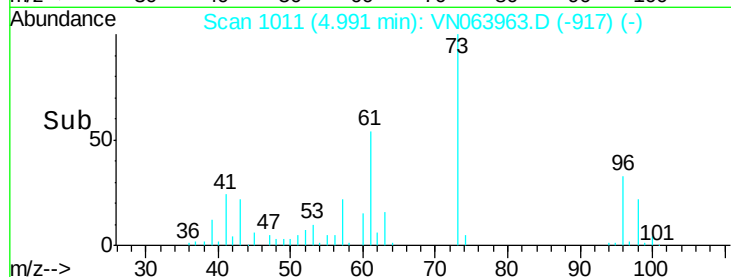
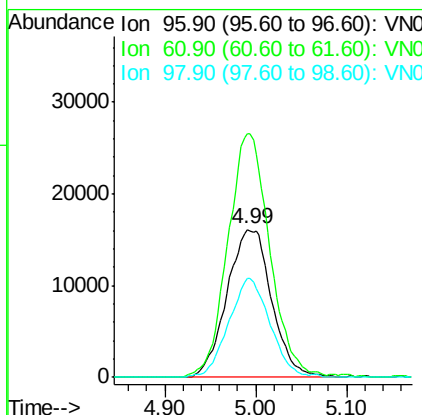
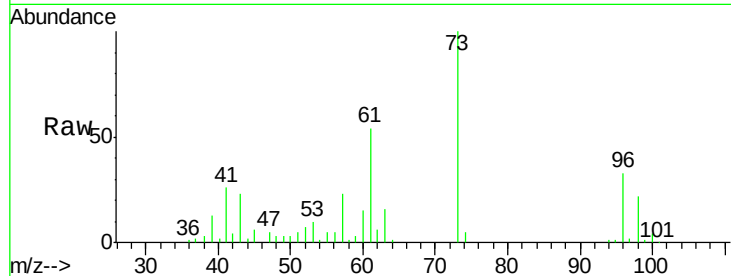
#21
trans-1,2-Dichloroethene
Concen: 17.767 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN063963.D
Acq: 8 Oct 2020 00:53

Instrument :
MSVOA_N
ClientSampleId :
VN1007WBSD02

Tot Ion	Ratio	Lower	Upper
96	100		
61	163.4	120.2	180.2
98	67.1	52.6	79.0

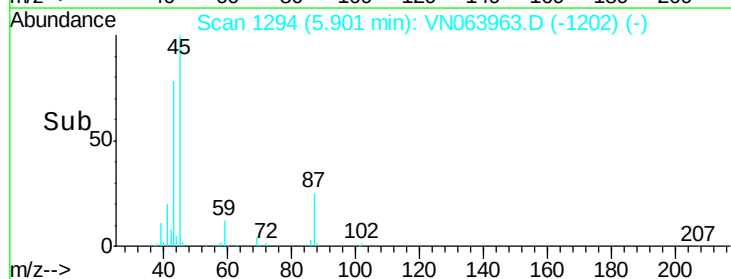
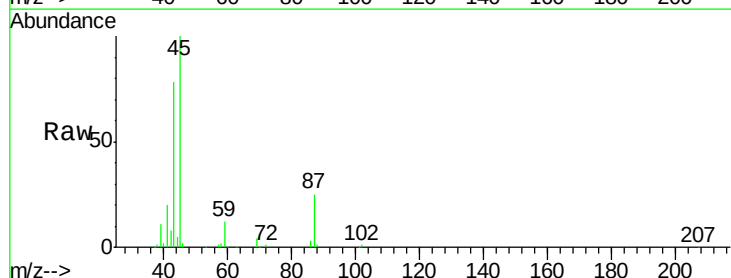
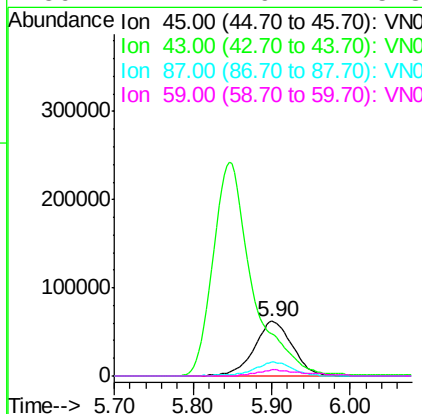
Manual Integrations
APPROVED

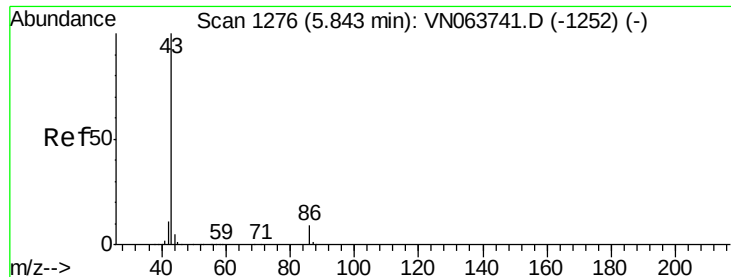
MMDadoda
10/8/2020 10:09:38 AM



#22
Diisopropyl ether
Concen: 20.115 ug/l
RT: 5.90 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VN063963.D
Acq: 8 Oct 2020 00:53

Tgt Ion	Ratio	Lower	Upper
45	100		
43	73.8	53.7	80.5
87	25.3	21.1	31.7
59	11.2	9.2	13.8





#23

Vinyl Acetate

Concen: 96.195 ug/l

RT: 5.85 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VN063963.D

Acq: 8 Oct 2020 00:53

Instrument :

MSVOA_N

ClientSampleId :

VN1007WBSD02

Tot Ion: 43 Resp: 839315

Ion Ratio Lower Upper

43 100

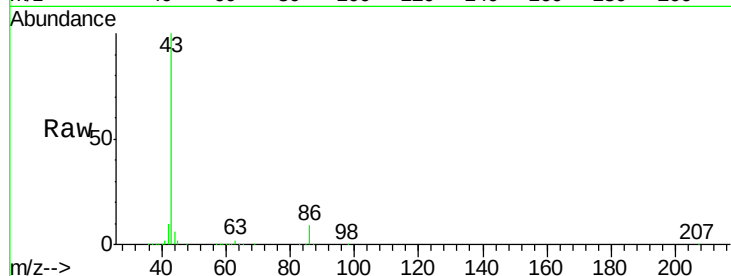
86 8.6 7.3 10.9

Manual Integrations

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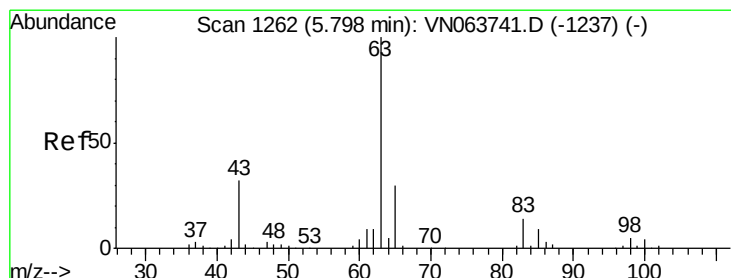
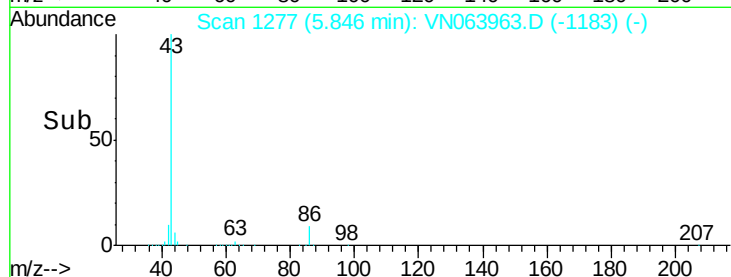
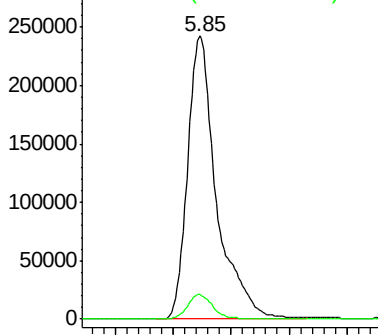
MMDadoda

10/8/2020 10:09:38 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: 18.900 ug/l

RT: 5.79 min Scan# 1261

Delta R.T. -0.00 min

Lab File: VN063963.D

Acq: 8 Oct 2020 00:53

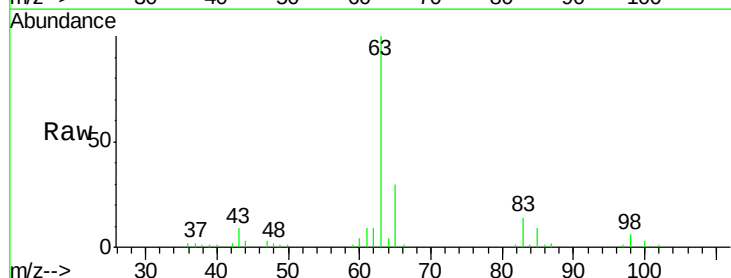
Tgt Ion: 63 Resp: 113828

Ion Ratio Lower Upper

63 100

98 6.2 2.7 8.1

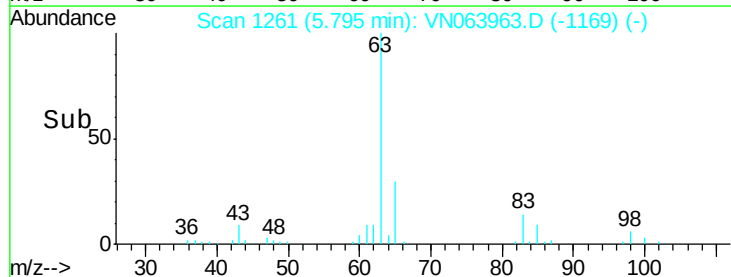
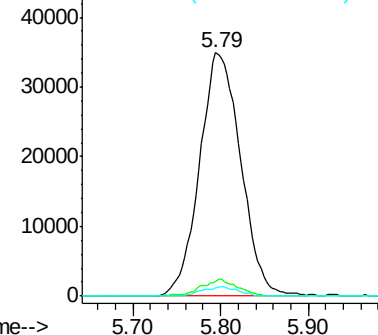
100 3.3 1.9 5.7

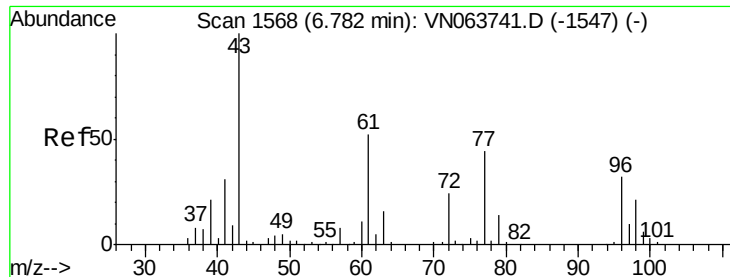


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 101.571 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.00 min

Lab File: VN063963.D

Acq: 8 Oct 2020 00:53

Instrument :

MSVOA_N

ClientSampleId :

VN1007WBSD02

Tot Ion: 43 Resp: 200409

Ion Ratio Lower Upper

43 100

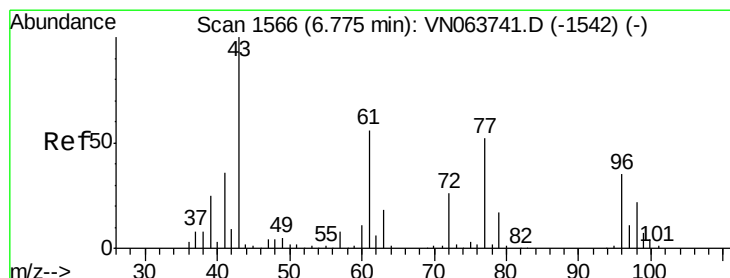
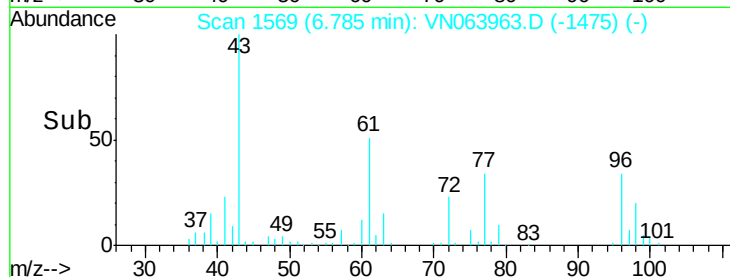
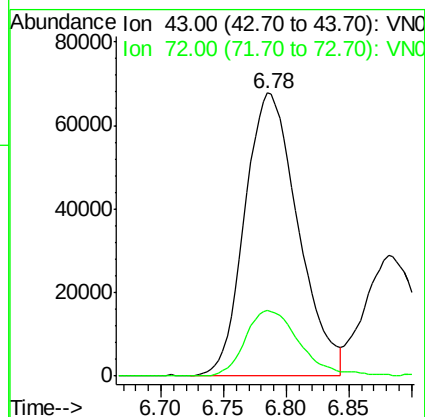
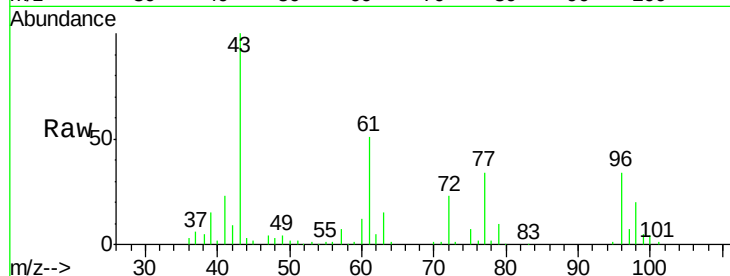
72 23.2 19.3 28.9

Manual Integrations

APPROVED

MMDadoda

10/8/2020 10:09:38 AM



#26

2,2-Dichloropropane

Concen: 14.121 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN063963.D

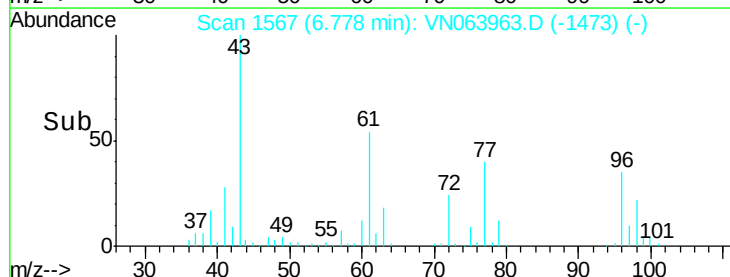
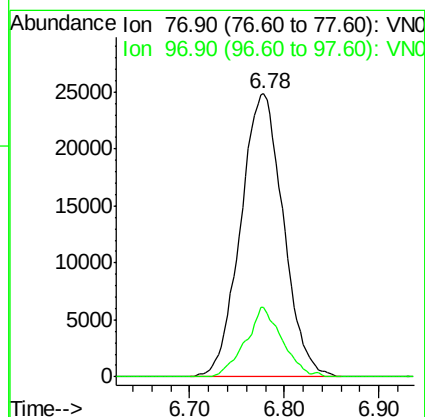
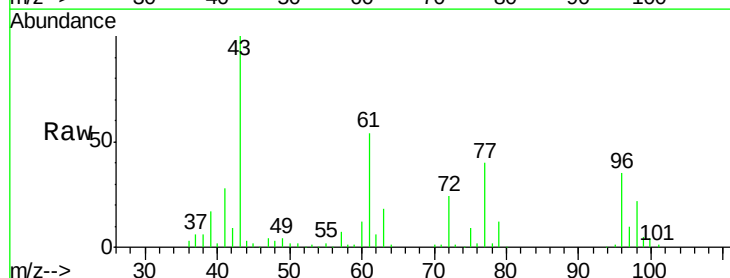
Acq: 8 Oct 2020 00:53

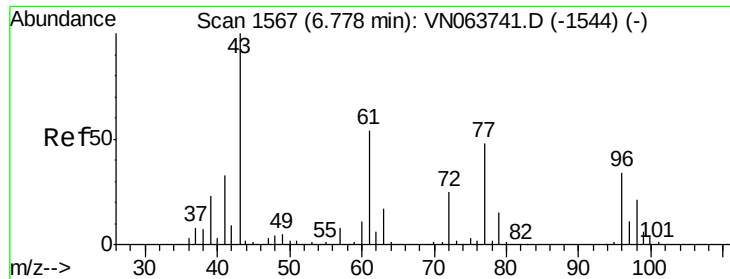
Tgt Ion: 77 Resp: 77878

Ion Ratio Lower Upper

77 100

97 21.0 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 18.205 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN063963.D

Acq: 8 Oct 2020 00:53

Instrument :

MSVOA_N

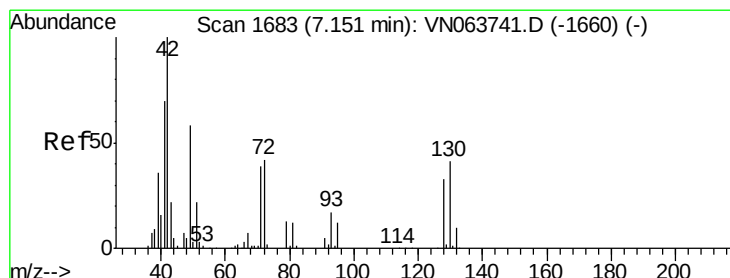
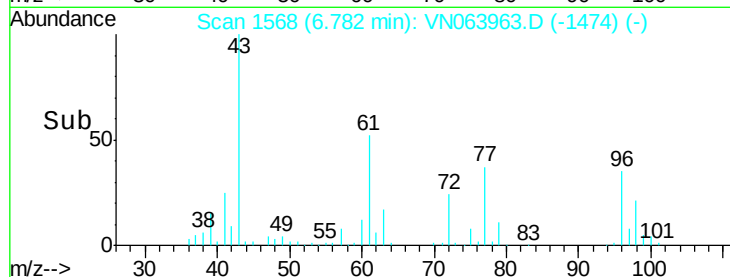
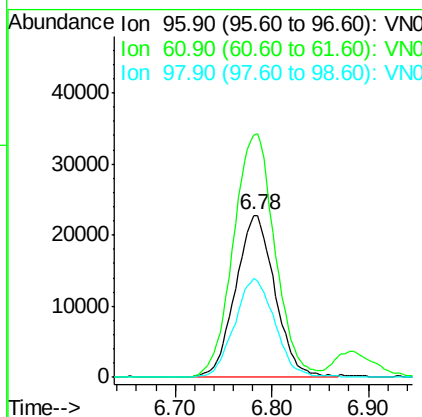
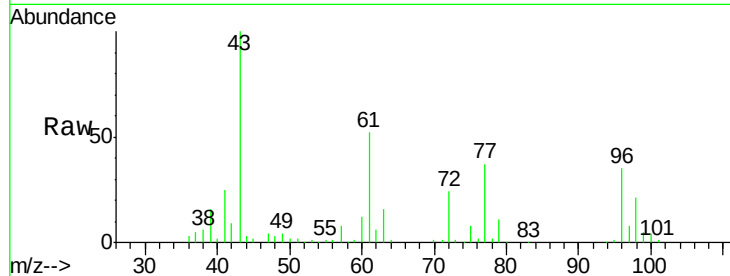
ClientSampleId :

VN1007WBSD02

Tot Ion:	96	Resp:	64627
Ion	Ratio	Lower	Upper
96	100		
61	158.0	0.0	321.2
98	62.5	0.0	124.4

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#28

Bromochloromethane

Concen: 18.669 ug/l

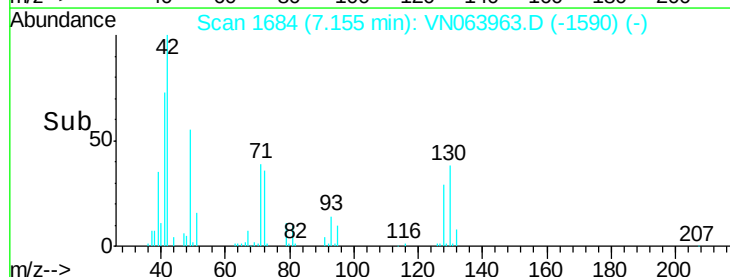
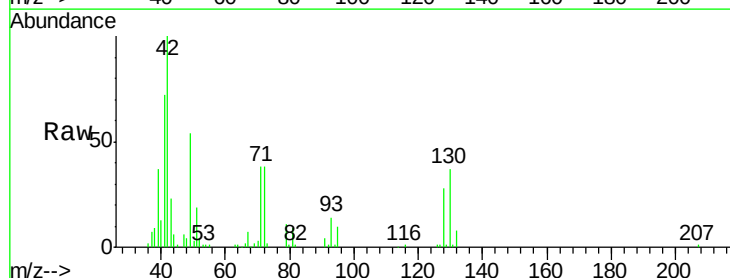
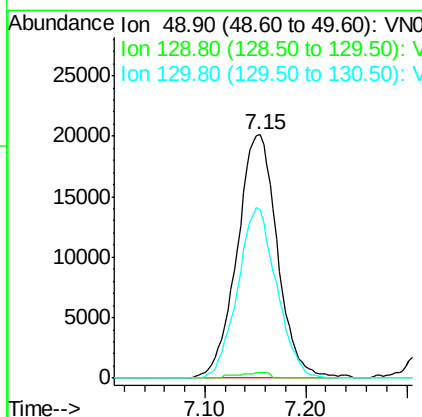
RT: 7.15 min Scan# 1684

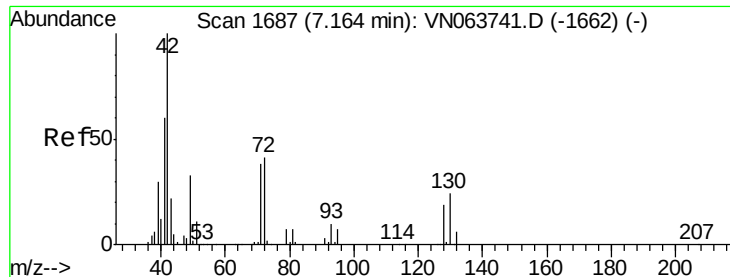
Delta R.T. 0.00 min

Lab File: VN063963.D

Acq: 8 Oct 2020 00:53

Tgt Ion:	49	Resp:	55569
Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	4.8
130	67.5	55.6	83.4





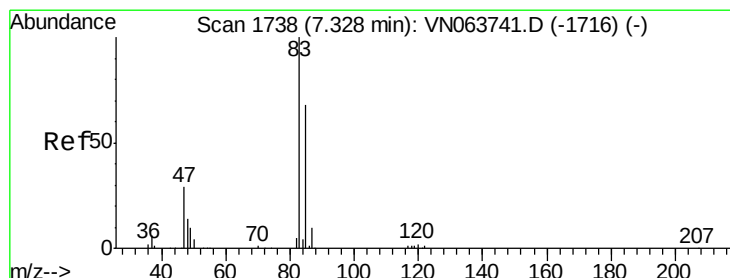
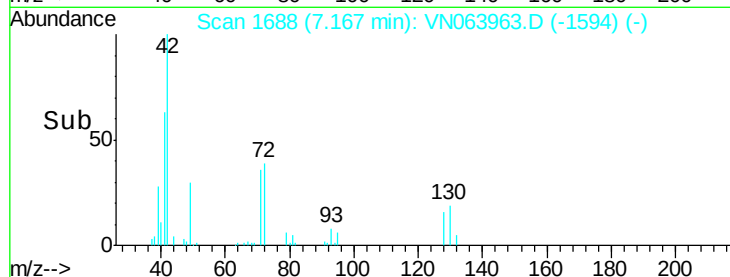
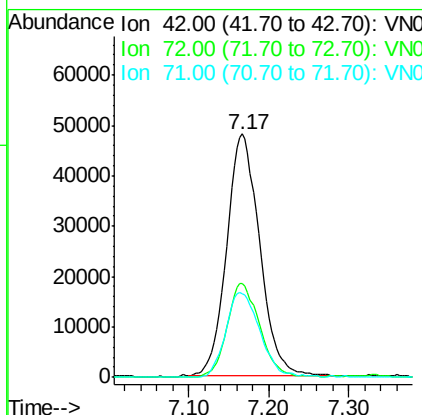
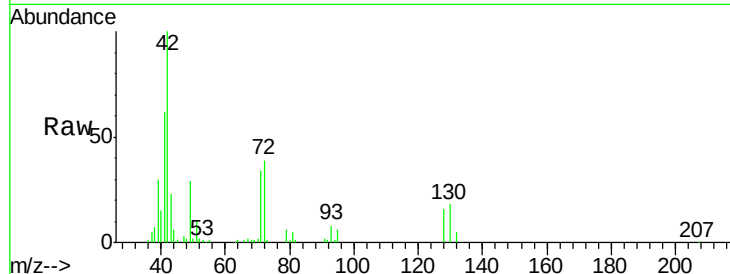
#29
Tetrahydrofuran
Concen: 101.362 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VN063963.D
Acq: 8 Oct 2020 00:53

Instrument :
MSVOA_N
ClientSampleId :
VN1007WBSD02

Tot Ion	Ratio	Lower	Upper
42	100		
72	38.4	32.8	49.2
71	36.3	30.6	45.8

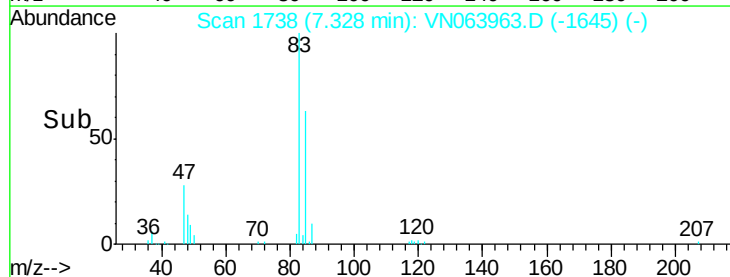
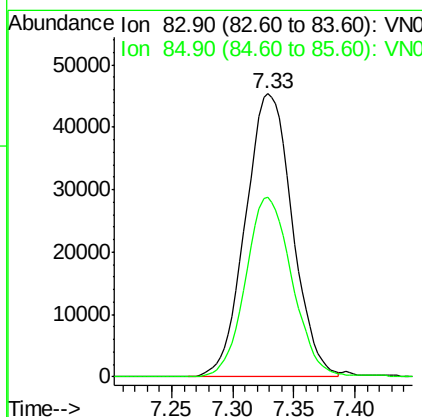
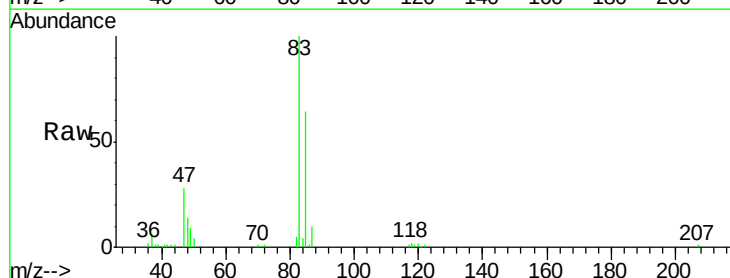
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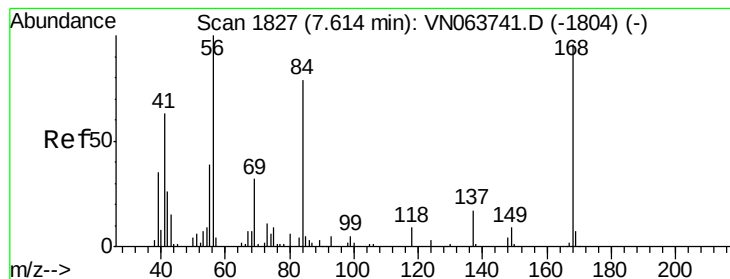
MMDadoda
10/8/2020 10:09:38 AM



#30
Chloroform
Concen: 19.276 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN063963.D
Acq: 8 Oct 2020 00:53

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.5	54.6	82.0





#31

Cyclohexane

Concen: 17.239 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN063963.D

Acq: 8 Oct 2020 00:53

Instrument :

MSVOA_N

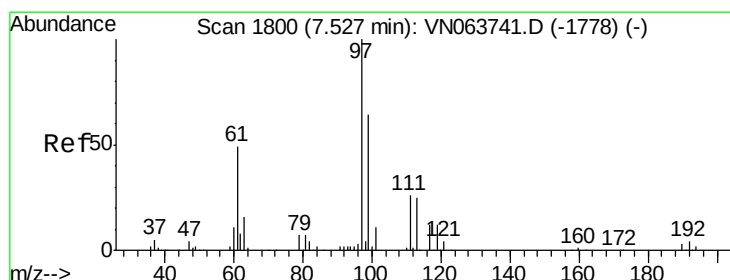
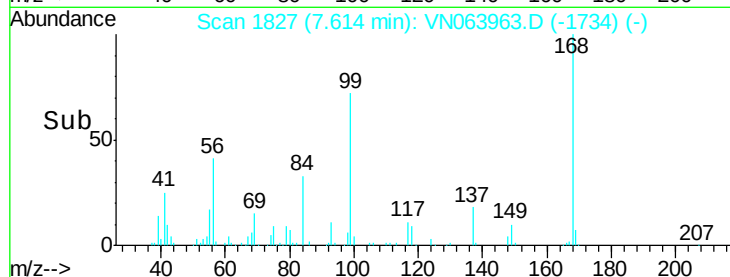
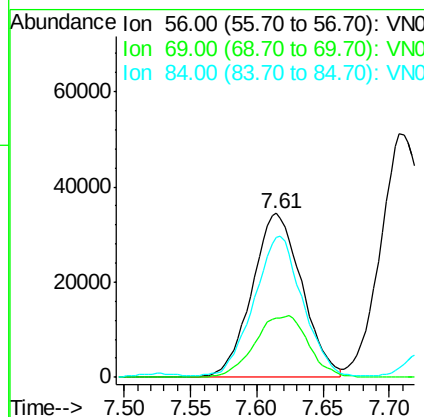
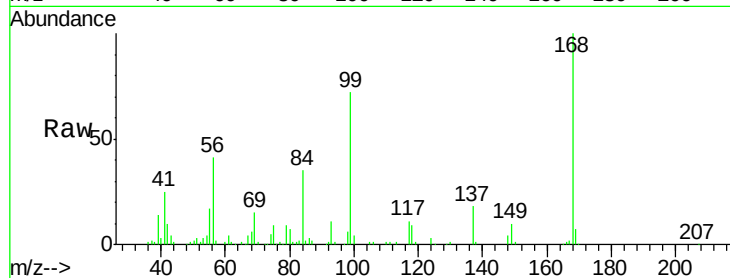
ClientSampleId :

VN1007WBSD02

Tot Ion:	56	Resp:	90480
Ion	Ratio	Lower	Upper
56	100		
69	36.2	25.4	38.2
84	84.1	63.3	94.9

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 18.585 ug/l

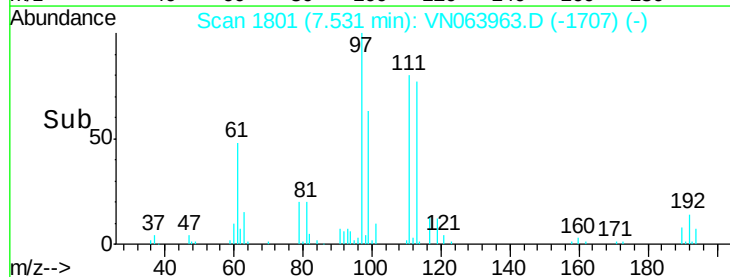
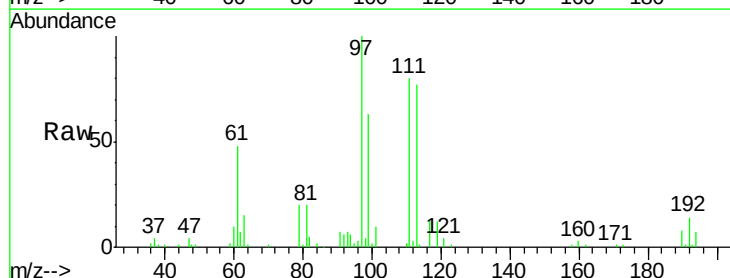
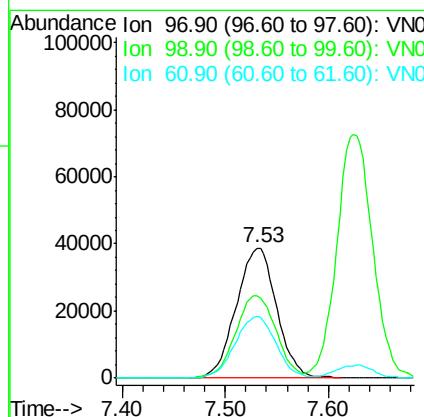
RT: 7.53 min Scan# 1801

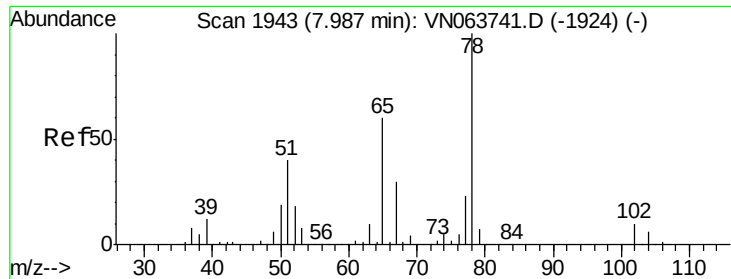
Delta R.T. 0.00 min

Lab File: VN063963.D

Acq: 8 Oct 2020 00:53

Tgt Ion:	97	Resp:	105268
Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.0	76.6
61	48.2	38.7	58.1





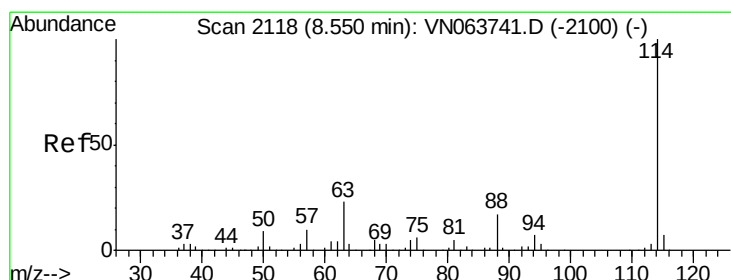
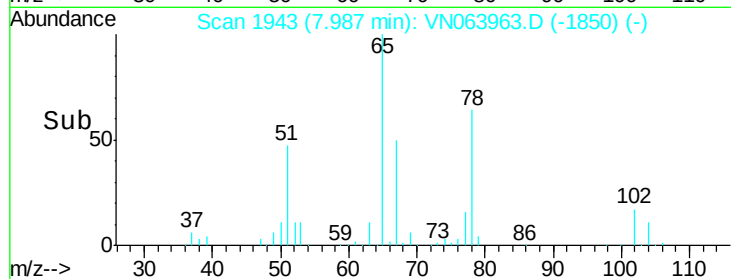
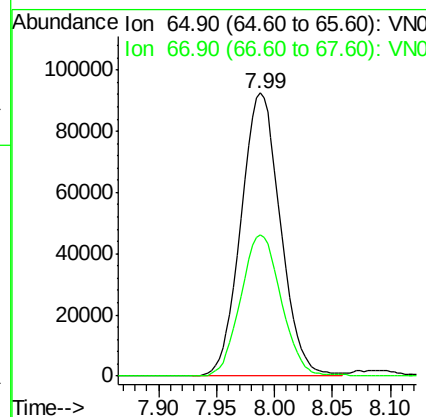
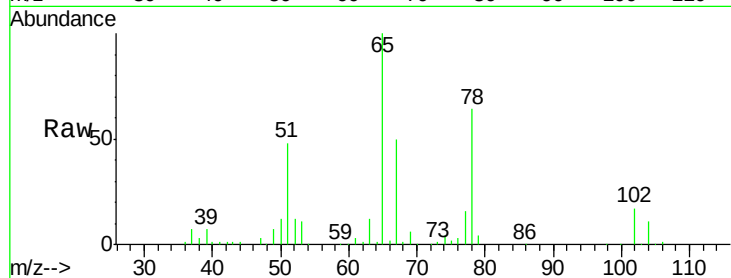
#33
 1,2-Dichloroethane-d4
 Concen: 48.376 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN063963.D
 Acq: 8 Oct 2020 00:53

Instrument :
 MSVOA_N
 ClientSampled :
 VN1007WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	218706		
67	51.0	0.0	99.6	

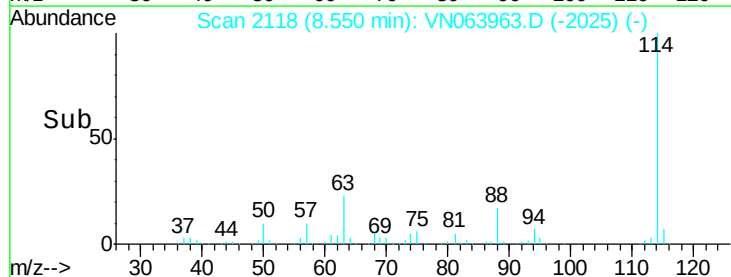
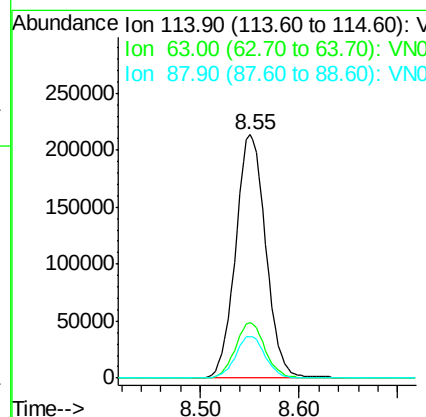
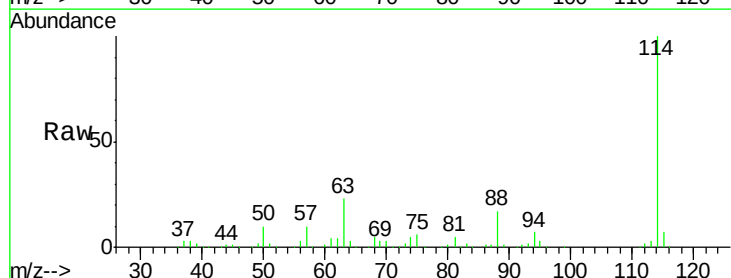
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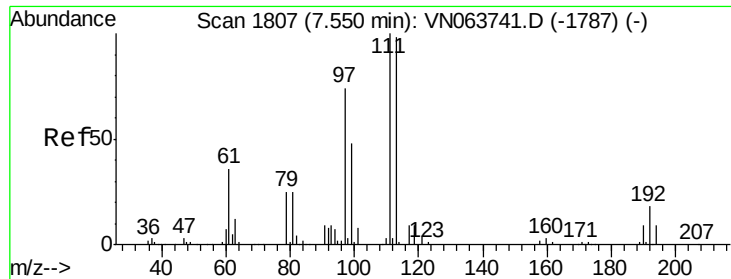
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN063963.D
 Acq: 8 Oct 2020 00:53

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	453289		
63	22.9	0.0	45.0	
88	17.2	0.0	34.0	





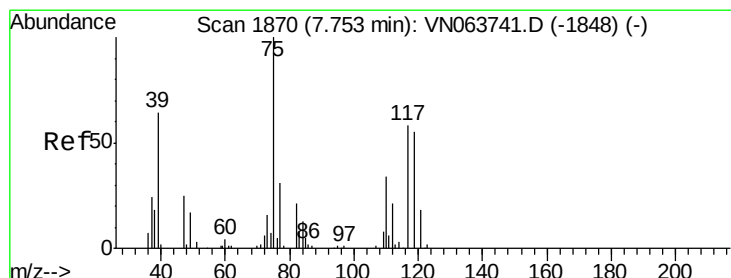
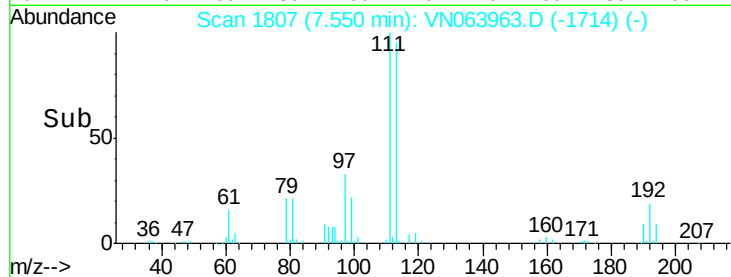
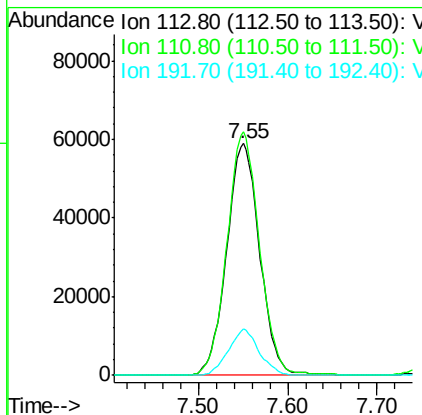
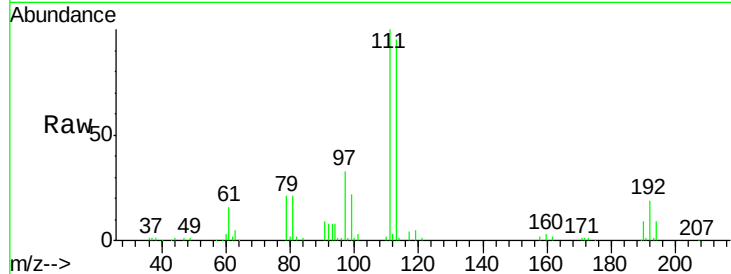
#35
 Dibromofluoromethane
 Concen: 47.939 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063963.D
 Acq: 8 Oct 2020 00:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1007WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
113	100	150780		
111	103.3	81.8	122.8	
192	18.5	14.2	21.2	

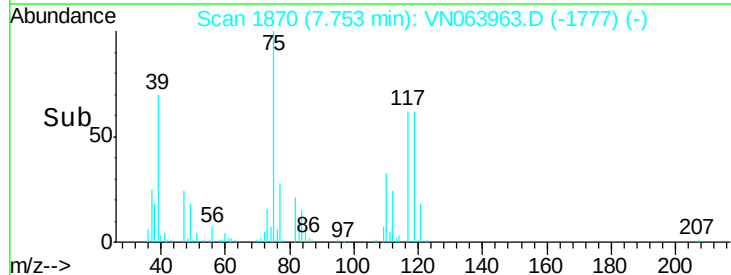
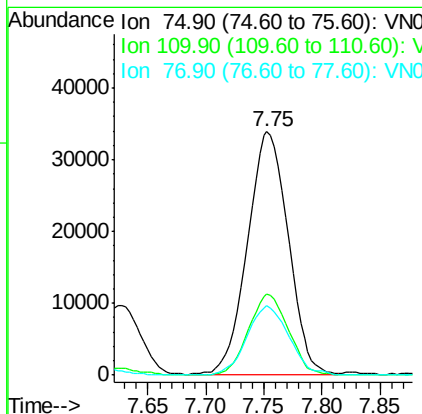
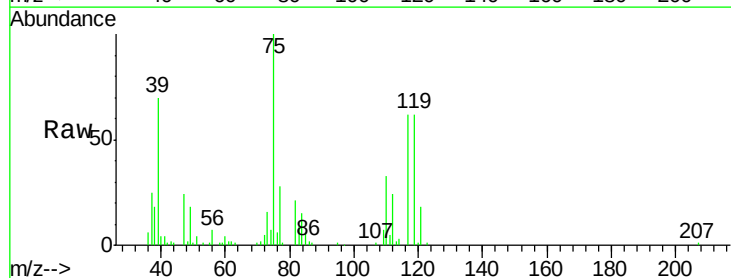
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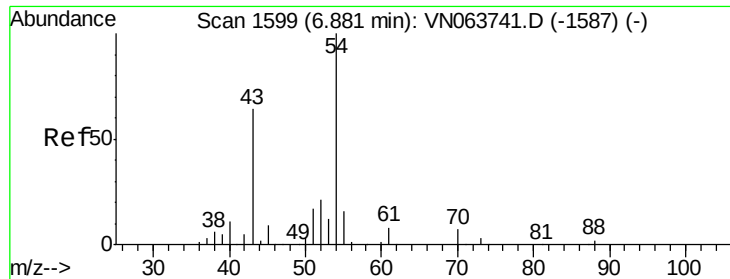
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#36
 1,1-Dichloropropene
 Concen: 18.138 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. 0.00 min
 Lab File: VN063963.D
 Acq: 8 Oct 2020 00:53

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	83293		
110	32.3	16.9	50.6	
77	29.1	24.5	36.7	





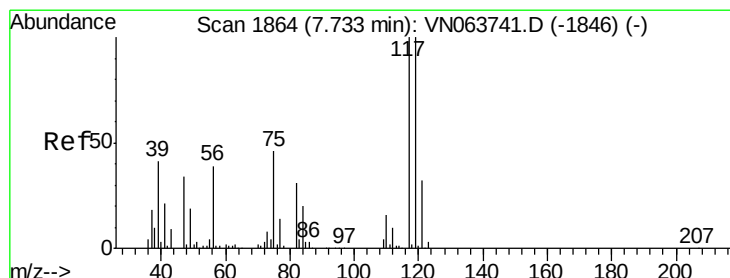
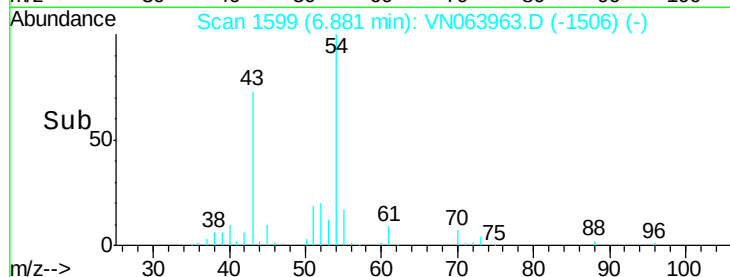
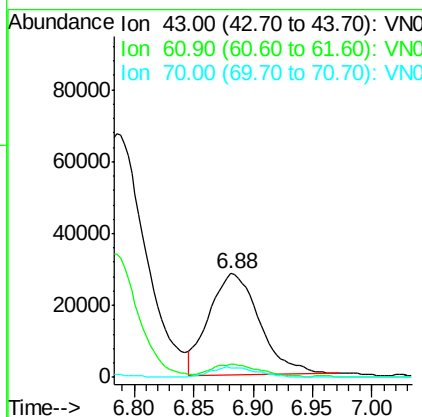
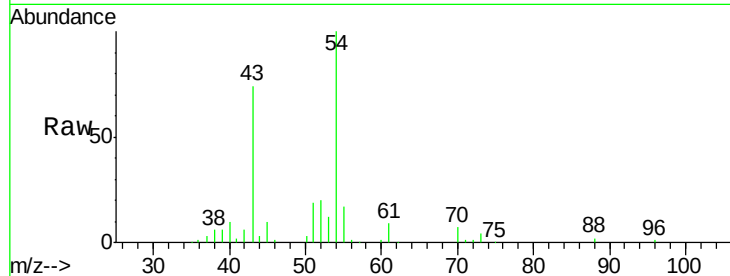
#37
Ethyl Acetate
Concen: 18.320 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VN063963.D
Acq: 8 Oct 2020 00:53

Instrument :
MSVOA_N
ClientSampleId :
VN1007WBSD02

Tot Ion	43	61	70
Resp	83586		
Ratio	100	11.6	9.4
Lower		10.4	7.3
Upper		15.6	10.9

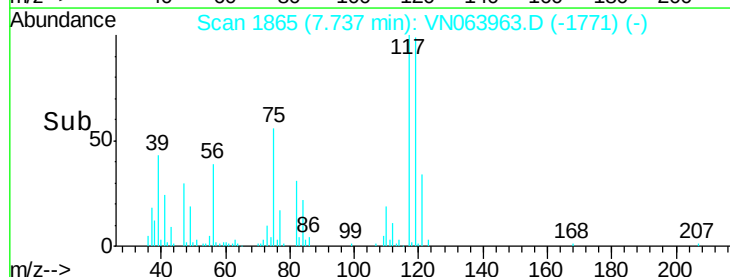
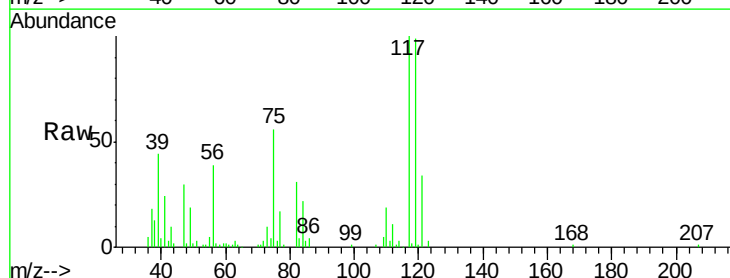
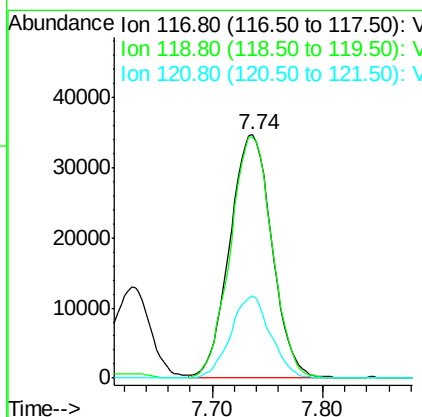
Manual Integrations
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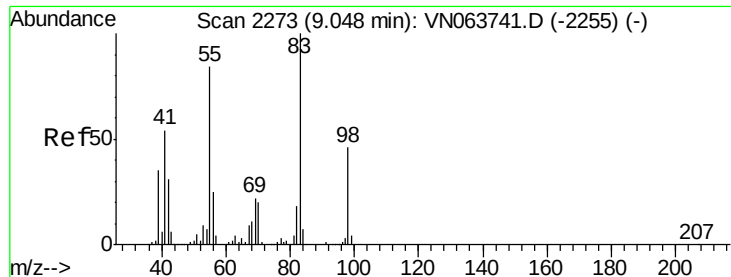
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#38
Carbon Tetrachloride
Concen: 17.918 ug/l
RT: 7.74 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN063963.D
Acq: 8 Oct 2020 00:53

Tgt Ion	117	119	121
Resp	92268		
Ratio	100	99.1	33.8
Lower		80.1	25.7
Upper		120.1	38.5





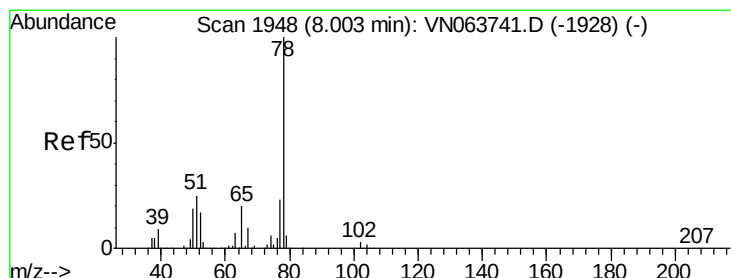
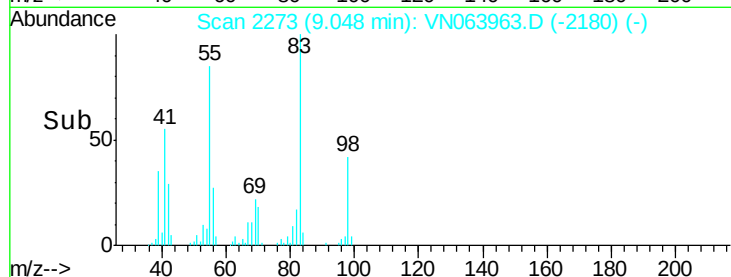
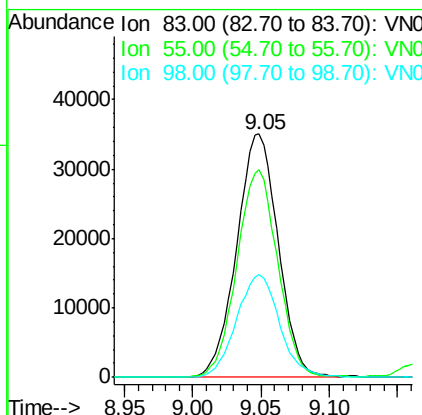
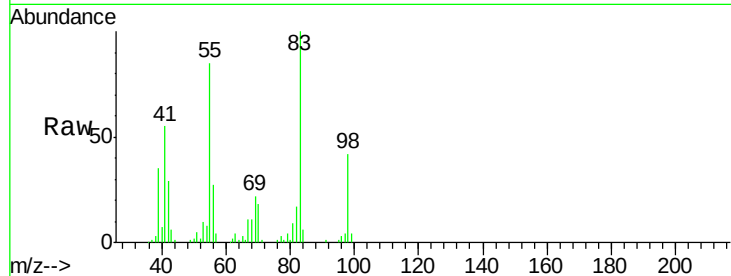
#39
Methylvlcyclohexane
Concen: 16.162 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN063963.D
Acq: 8 Oct 2020 00:53

Instrument :
MSVOA_N
ClientSampleId :
VN1007WBSD02

Tot Ion	83	Resp	74017
Ion	Ratio	Lower	Upper
83	100		
55	84.9	67.1	100.7
98	42.1	36.6	54.8

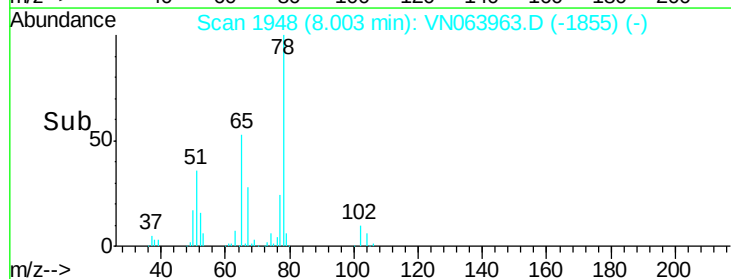
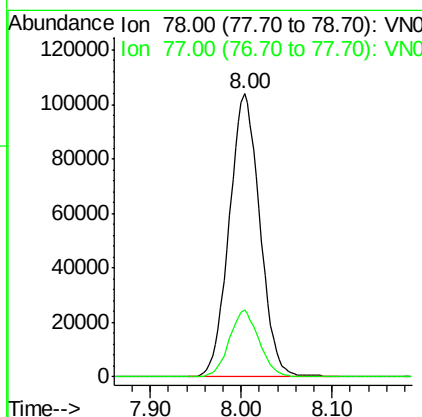
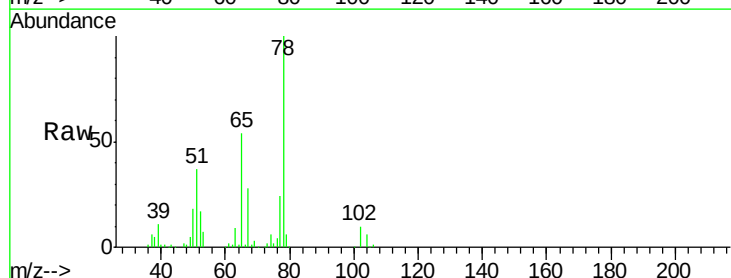
Manual Integrations
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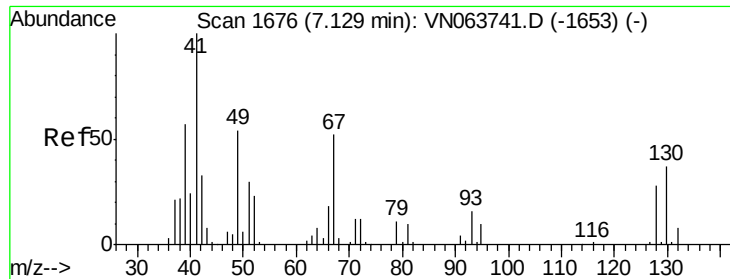
MMDadoda
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#40
Benzene
Concen: 18.548 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063963.D
Acq: 8 Oct 2020 00:53

Tgt Ion	78	Resp	243293
Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.7	28.1





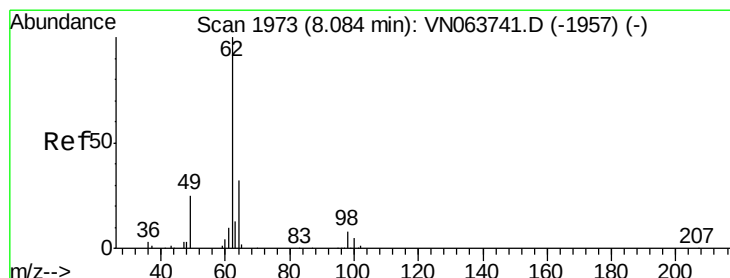
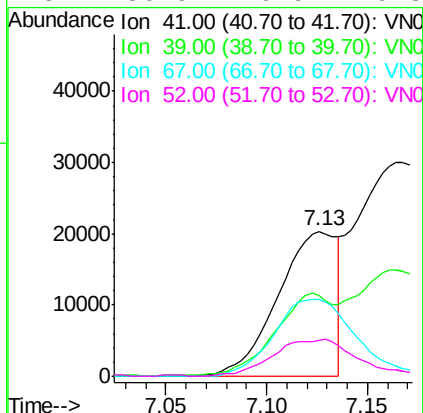
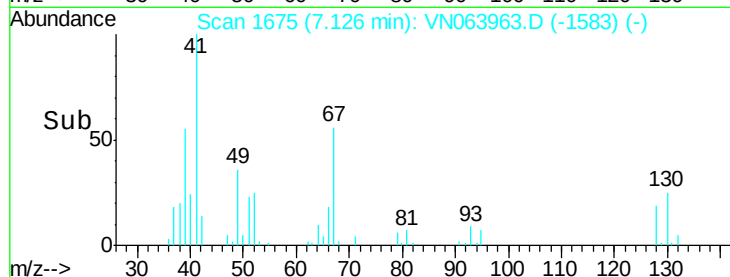
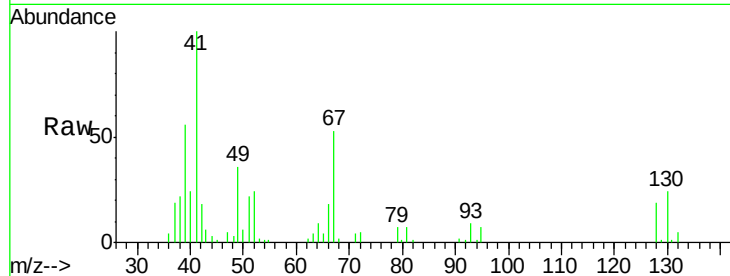
#41
Methacrylonitrile
Concen: 20.407 ug/l
RT: 7.13 min Scan# 1675
Delta R.T. -0.00 min
Lab File: VN063963.D
Acq: 8 Oct 2020 00:53

Instrument :
MSVOA_N
ClientSampleId :
VN1007WBSD02

Tot Ion	41	Resp	41381
Ion Ratio	Lower	Upper	
41	100		
39	51.4	42.5	63.7
67	73.8	57.4	86.2
52	36.9	26.9	40.3

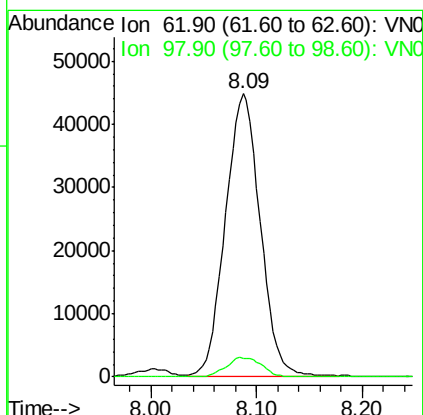
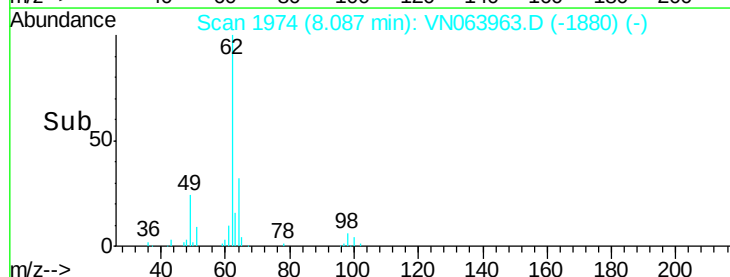
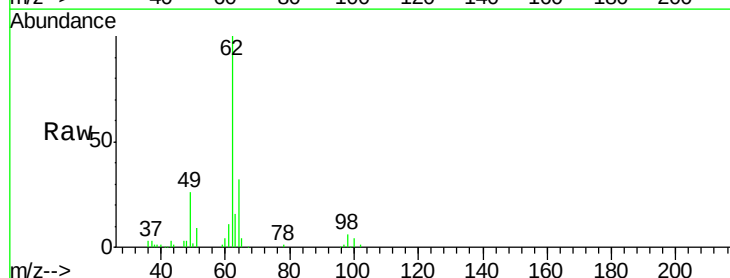
Manual Integrations
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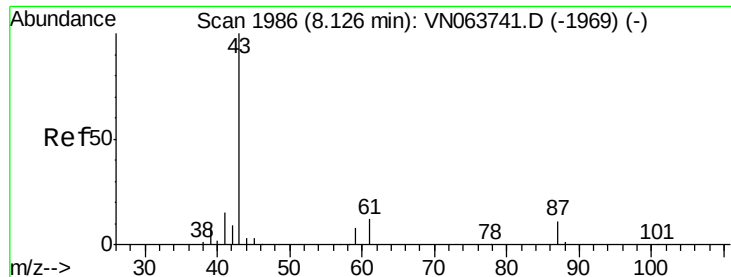
MMDadoda
10/8/2020 10:09:38 AM



#42
1,2-Dichloroethane
Concen: 18.218 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN063963.D
Acq: 8 Oct 2020 00:53

Tgt Ion	62	Resp	102005
Ion Ratio	Lower	Upper	
62	100		
98	6.8	0.0	15.0





#43

Isopropyl Acetate

Concen: 19.054 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN063963.D

Acq: 8 Oct 2020 00:53

Instrument :

MSVOA_N

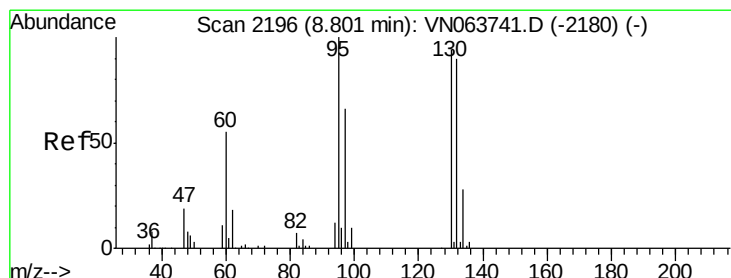
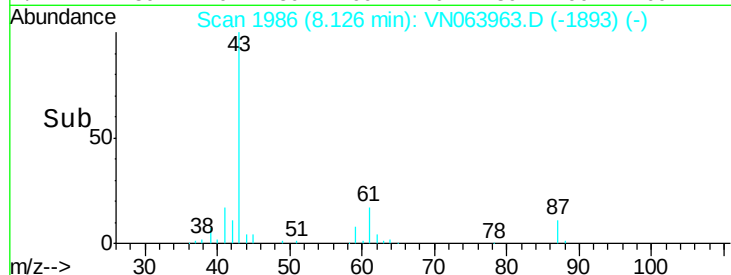
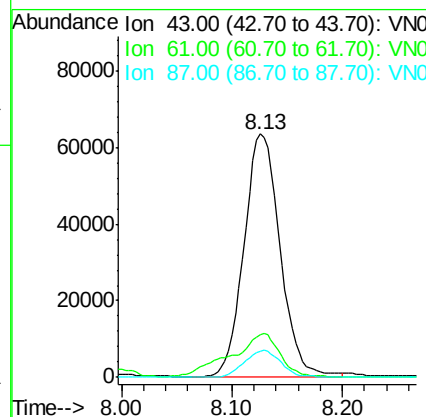
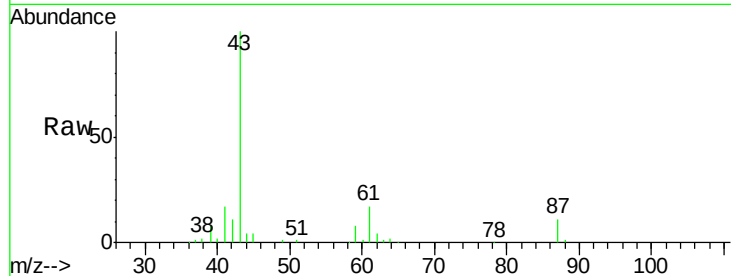
ClientSampleId :

VN1007WBSD02

Tot Ion:	43	Resp:	143393
Ion	Ratio	Lower	Upper
43	100		
61	25.1	14.2	21.4#
87	11.3	9.0	13.6

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#44

Trichloroethene

Concen: 18.027 ug/l

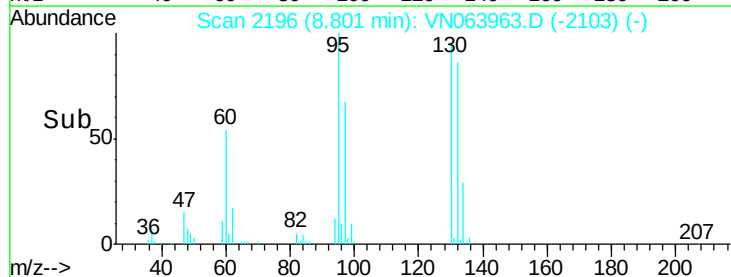
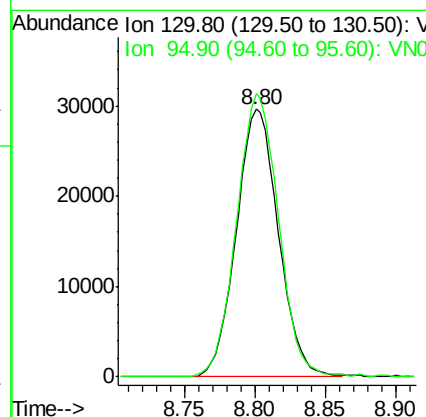
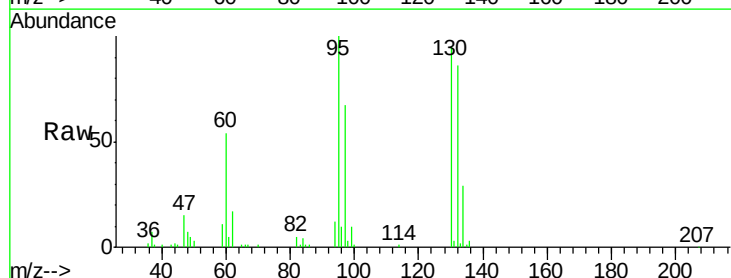
RT: 8.80 min Scan# 2196

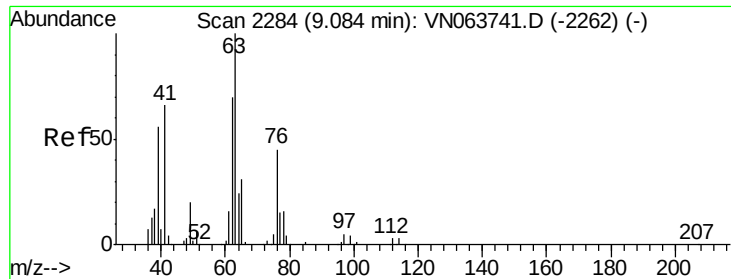
Delta R.T. 0.00 min

Lab File: VN063963.D

Acq: 8 Oct 2020 00:53

Tgt Ion:	130	Resp:	61953
Ion	Ratio	Lower	Upper
130	100		
95	105.7	0.0	213.6





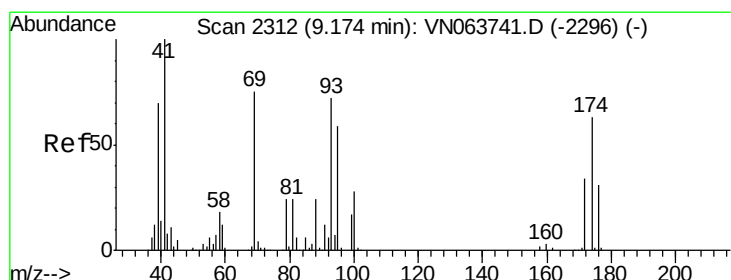
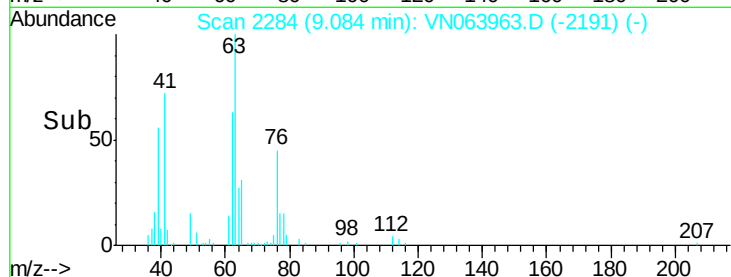
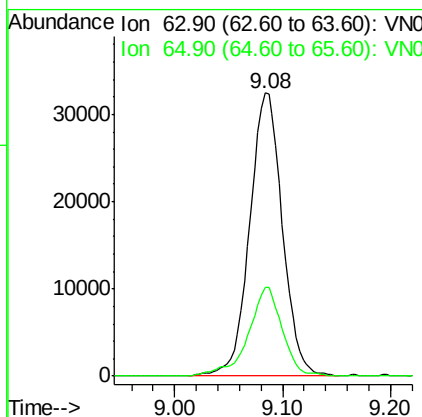
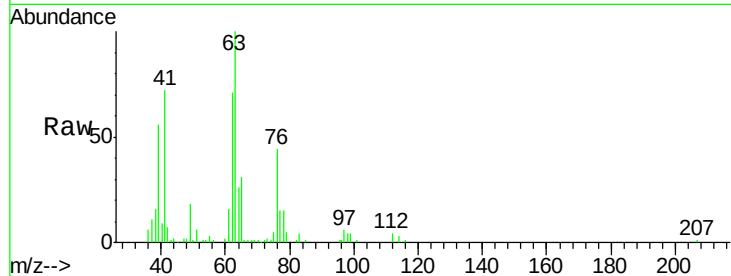
#45
 1,2-Dichloropropane
 Concen: 19.295 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN063963.D
 Acq: 8 Oct 2020 00:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1007WBSD02

Tot Ion: 63 Resp: 68352
 Ion Ratio Lower Upper
 63 100
 65 31.3 24.7 37.1

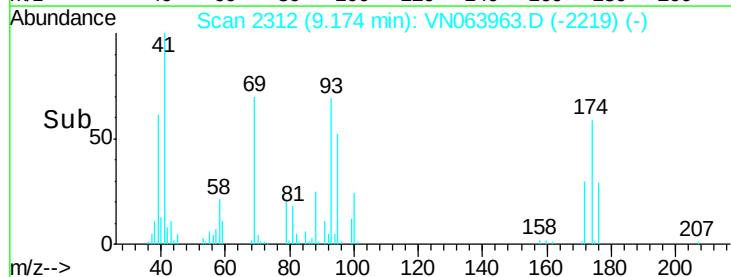
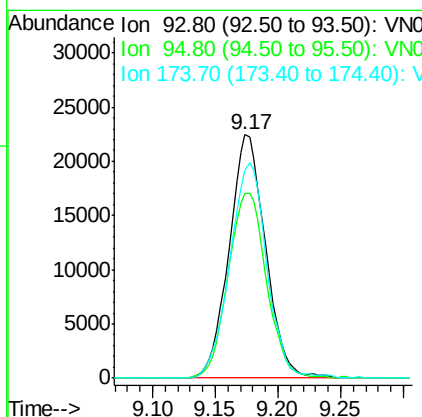
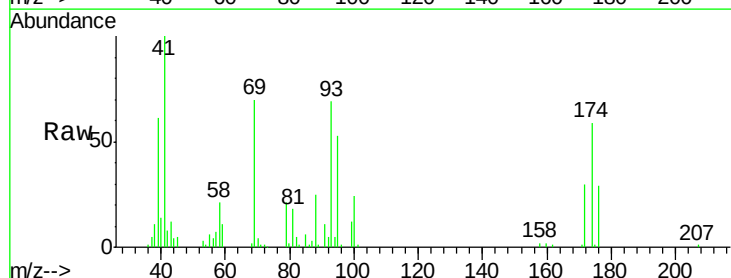
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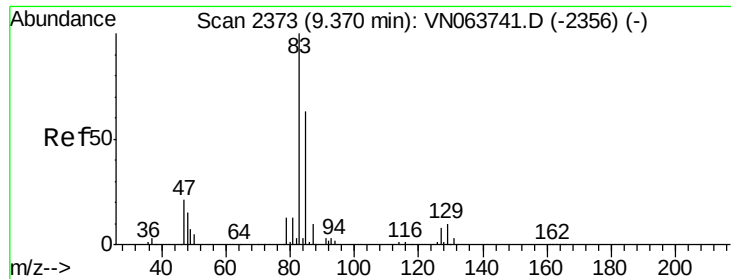
MMDadoda
 10/8/2020 10:09:38 AM



#46
 Dibromomethane
 Concen: 18.506 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN063963.D
 Acq: 8 Oct 2020 00:53

Tgt Ion: 93 Resp: 45223
 Ion Ratio Lower Upper
 93 100
 95 79.8 66.3 99.5
 174 90.1 72.7 109.1





#47

Bromodichloromethane

Concen: 19.004 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN063963.D

Acq: 8 Oct 2020 00:53

Instrument :

MSVOA_N

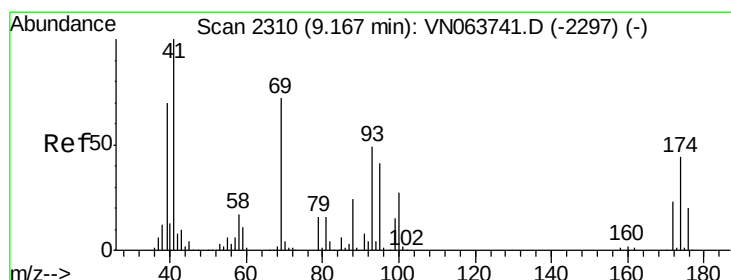
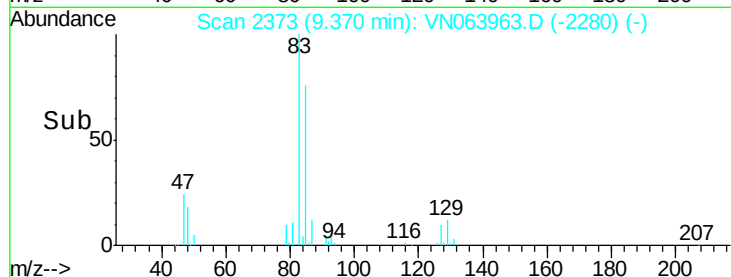
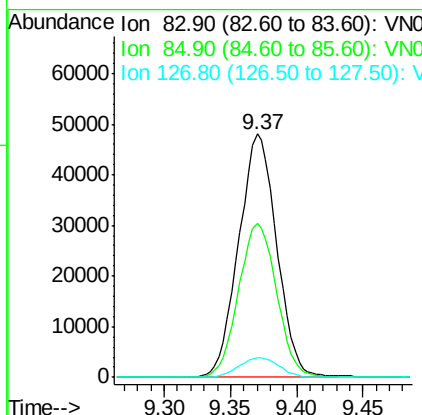
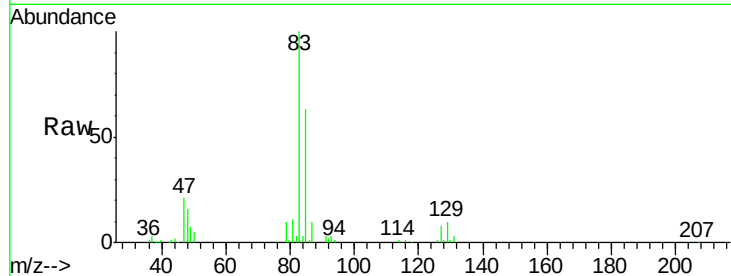
ClientSampleId :

VN1007WBSD02

Tot Ion:	83	Resp:	95712
Ion	Ratio	Lower	Upper
83	100		
85	63.1	50.6	75.8
127	7.9	6.6	9.8

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.779 ug/l

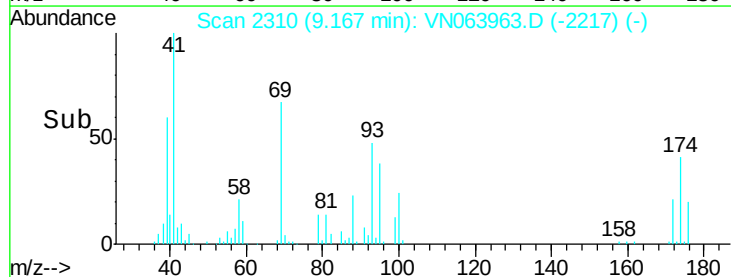
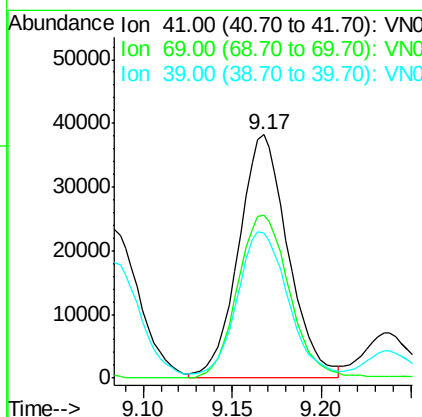
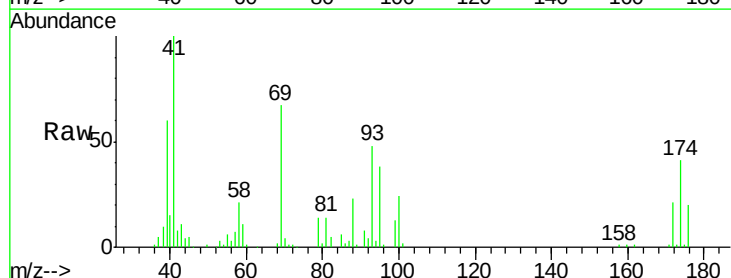
RT: 9.17 min Scan# 2310

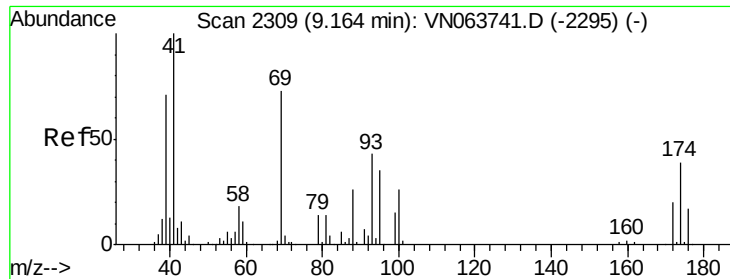
Delta R.T. 0.00 min

Lab File: VN063963.D

Acq: 8 Oct 2020 00:53

Tgt Ion:	41	Resp:	73541
Ion	Ratio	Lower	Upper
41	100		
69	70.5	60.9	91.3
39	60.8	57.5	86.3





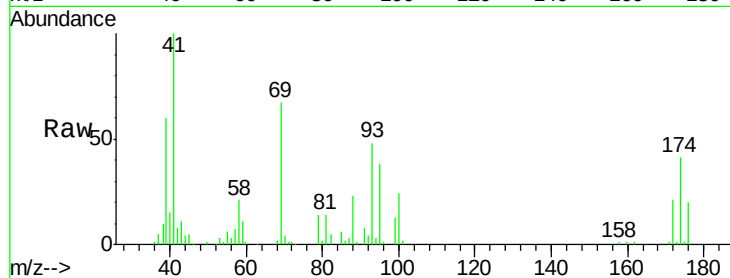
#49
1,4-Dioxane
Concen: 366.427 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN063963.D
Acq: 8 Oct 2020 00:53

Instrument :
MSVOA_N
ClientSampleId :
VN1007WBSD02

Tot Ion	Ratio	Lower	Upper
88	100		
43	40.7	33.1	49.7
58	81.8	58.9	88.3

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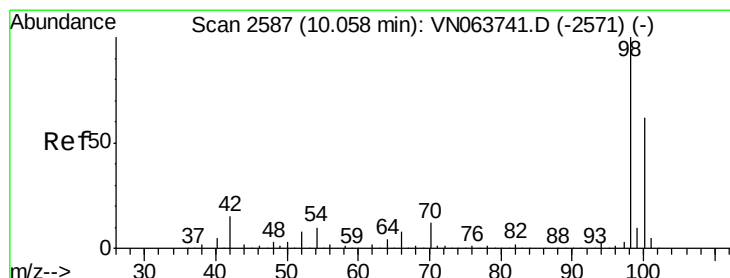
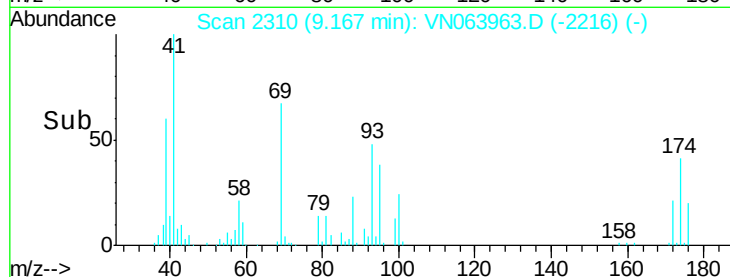
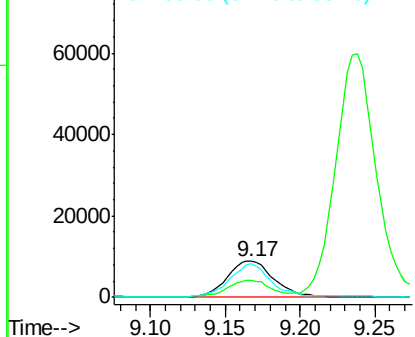


Abundance

Ion 88.00 (87.70 to 88.70): VN063963.D (-2295) (-)

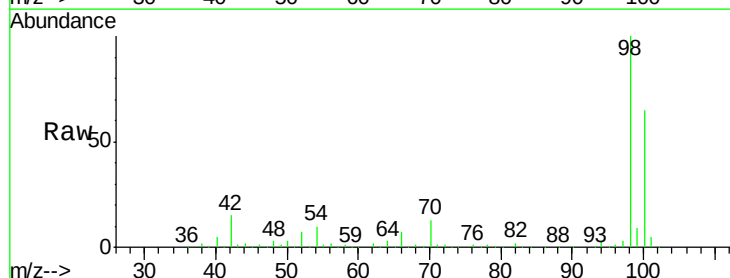
Ion 43.00 (42.70 to 43.70): VN063963.D (-2295) (-)

Ion 58.00 (57.70 to 58.70): VN063963.D (-2295) (-)



#50
Toluene-d8
Concen: 46.562 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN063963.D
Acq: 8 Oct 2020 00:53

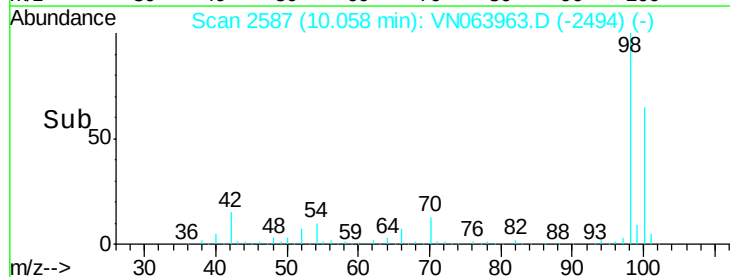
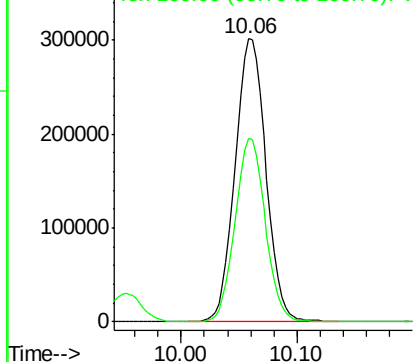
Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.3	49.8	74.6

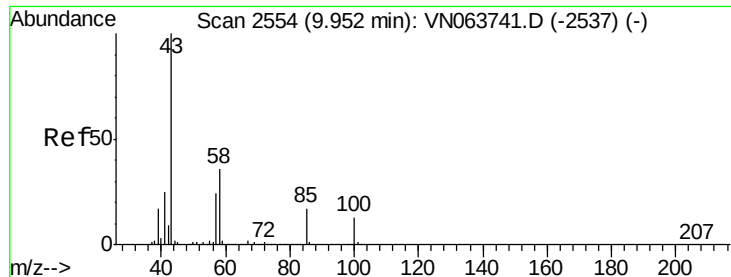


Abundance

Ion 98.00 (97.70 to 98.70): VN063963.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN063963.D (-2494) (-)





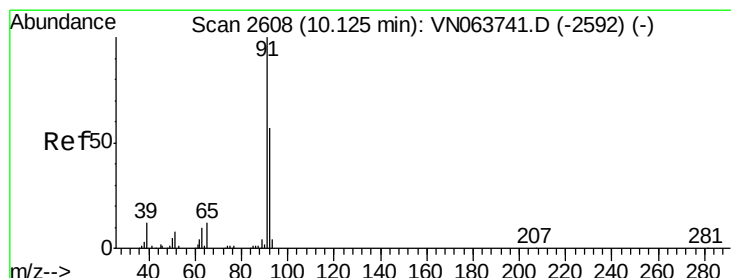
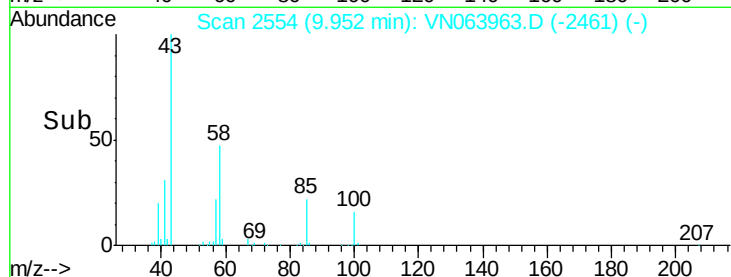
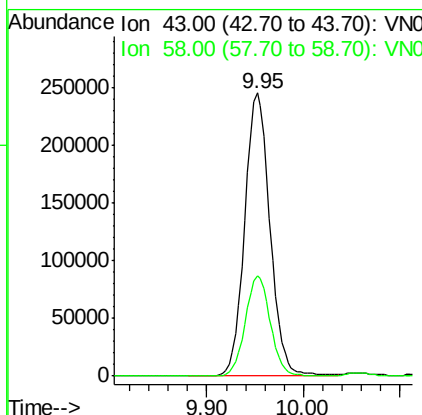
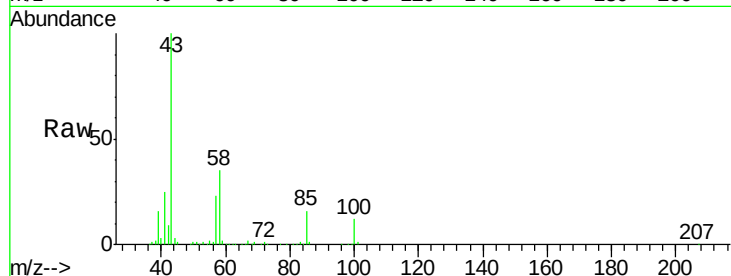
#51
4-Methyl-2-Pentanone
Concen: 100.913 ug/l
RT: 9.95 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN063963.D
Acq: 8 Oct 2020 00:53

Instrument :
MSVOA_N
ClientSampleId :
VN1007WBSD02

Tot Ion	43	Resp	445667
Ion	Ratio	Lower	Upper
43	100		
58	35.0	28.4	42.6

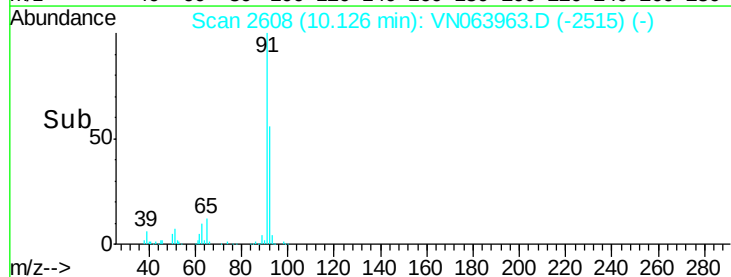
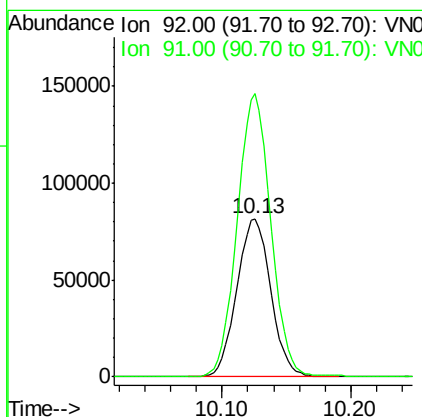
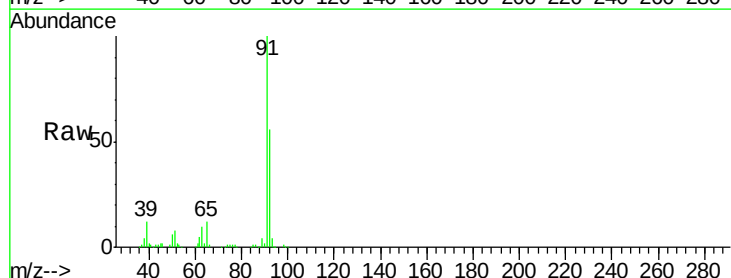
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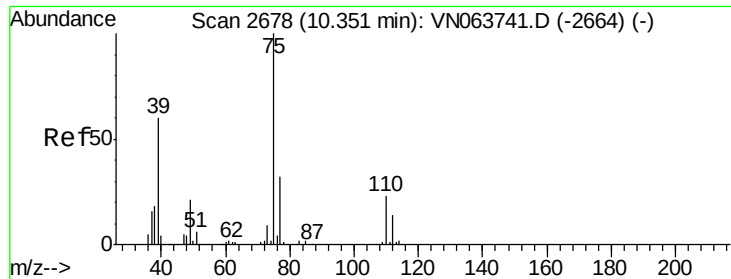
MMDadoda
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#52
Toluene
Concen: 18.483 ug/l
RT: 10.13 min Scan# 2608
Delta R.T. 0.00 min
Lab File: VN063963.D
Acq: 8 Oct 2020 00:53

Tgt Ion	92	Resp	149953
Ion	Ratio	Lower	Upper
92	100		
91	176.4	140.6	210.8





#53

t-1,3-Dichloropropene

Concen: 17.313 ug/l

RT: 10.35 min Scan# 2679

Delta R.T. 0.00 min

Lab File: VN063963.D

Acq: 8 Oct 2020 00:53

Instrument :

MSVOA_N

ClientSampleId :

VN1007WBSD02

Tot Ion: 75 Resp: 93467

Ion Ratio Lower Upper

75 100

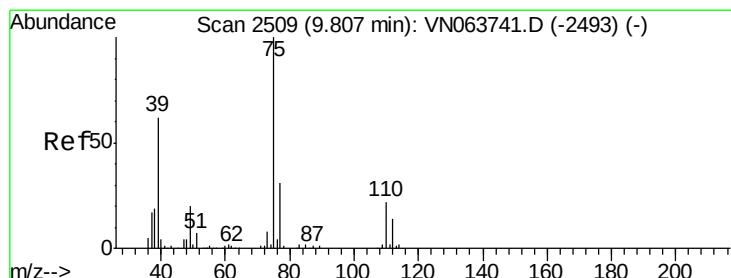
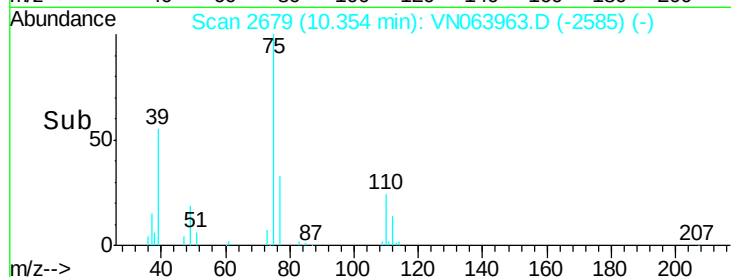
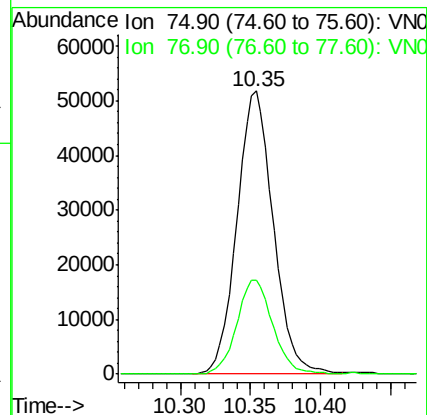
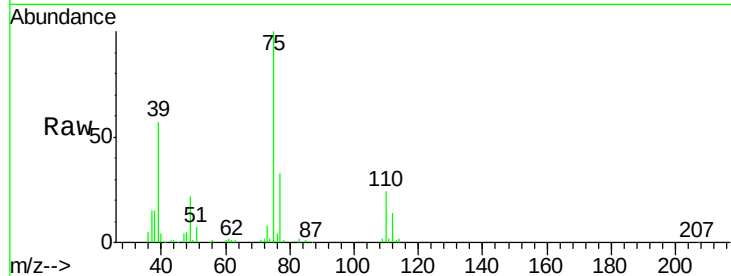
77 33.4 25.3 37.9

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#54

cis-1,3-Dichloropropene

Concen: 17.723 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN063963.D

Acq: 8 Oct 2020 00:53

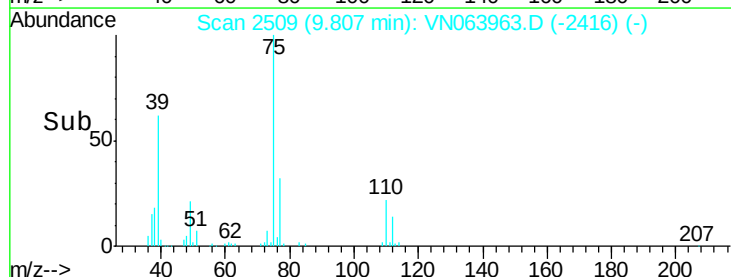
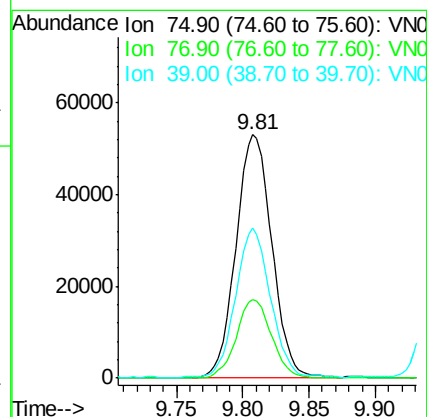
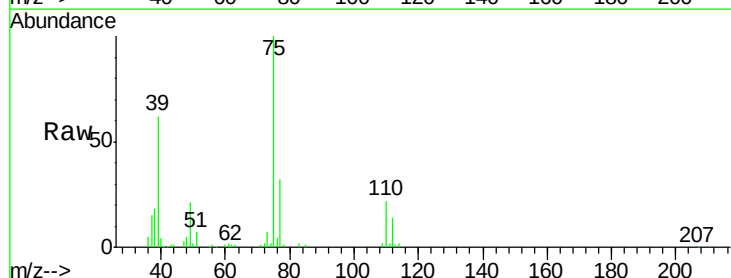
Tgt Ion: 75 Resp: 100063

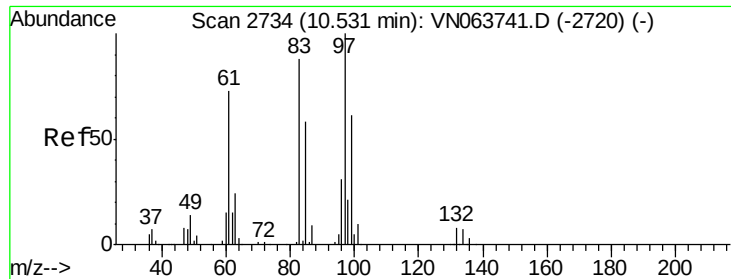
Ion Ratio Lower Upper

75 100

77 32.4 24.6 36.8

39 61.1 49.7 74.5





#55

1,1,2-Trichloroethane

Concen: 19.071 ug/l

RT: 10.53 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN063963.D

Acq: 8 Oct 2020 00:53

Instrument :

MSVOA_N

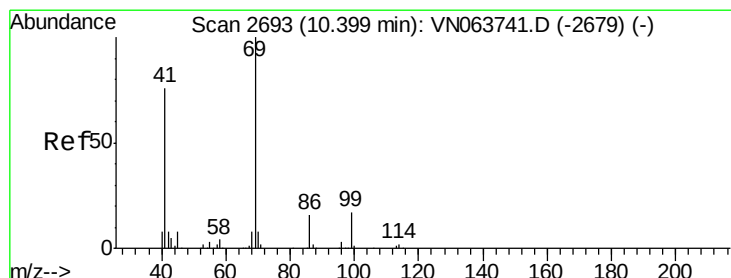
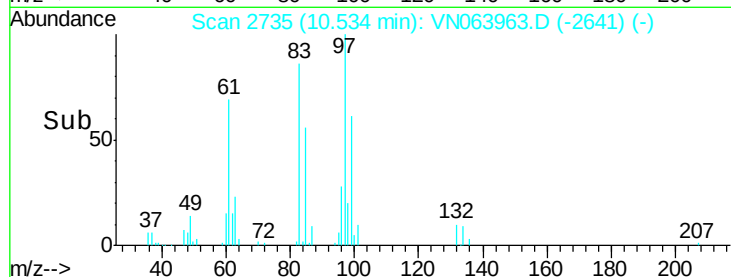
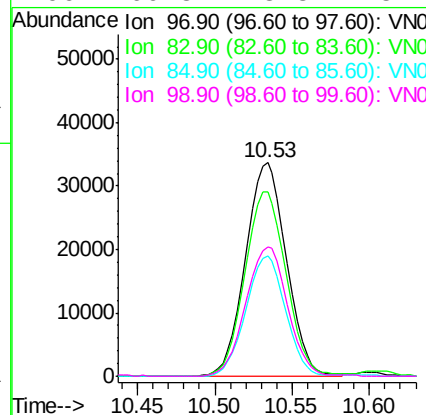
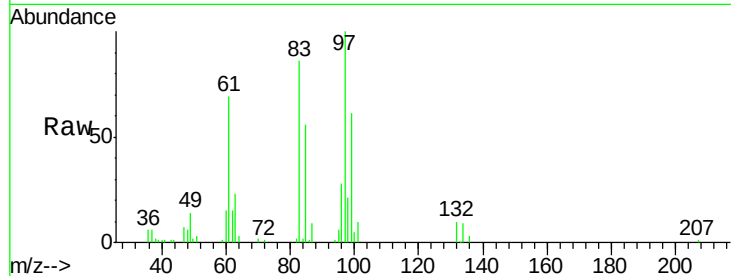
ClientSampleId :

VN1007WBSD02

Tot Ion:	97	Resp:	62049
Ion	Ratio	Lower	Upper
97	100		
83	86.4	70.7	106.1
85	56.2	46.1	69.1
99	60.8	48.8	73.2

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#56

Ethyl methacrylate

Concen: 18.275 ug/l

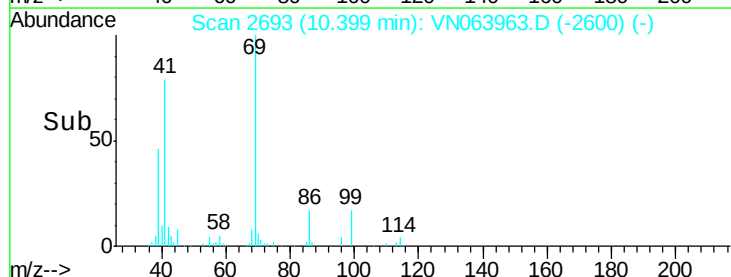
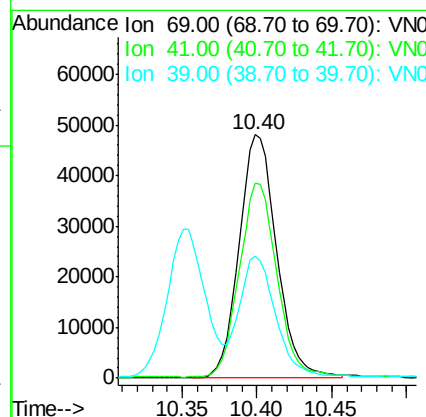
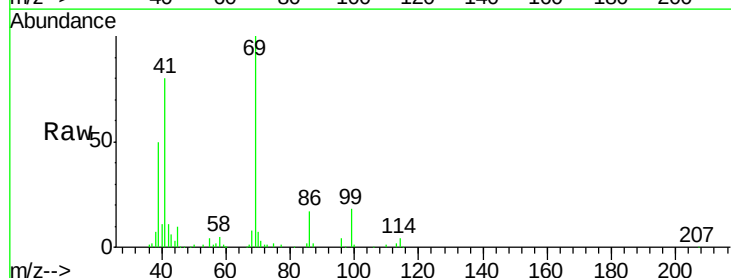
RT: 10.40 min Scan# 2693

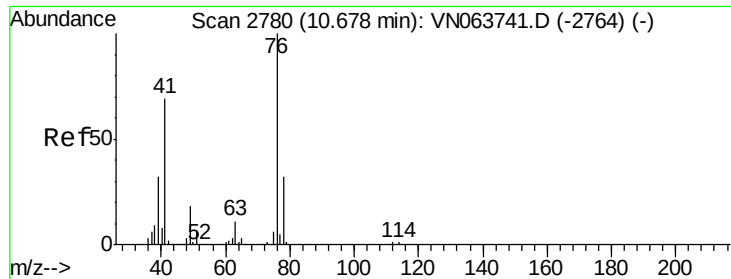
Delta R.T. 0.00 min

Lab File: VN063963.D

Acq: 8 Oct 2020 00:53

Tgt Ion:	69	Resp:	84280
Ion	Ratio	Lower	Upper
69	100		
41	79.3	61.1	91.7
39	49.1	42.2	63.4





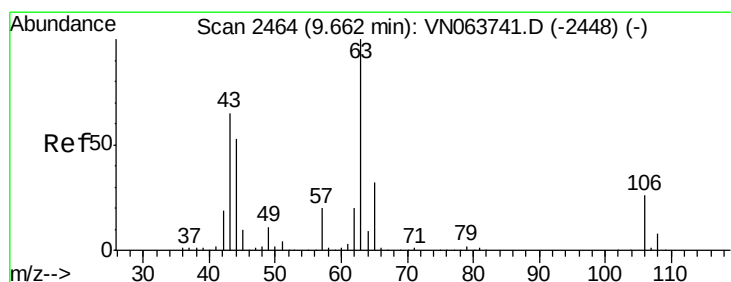
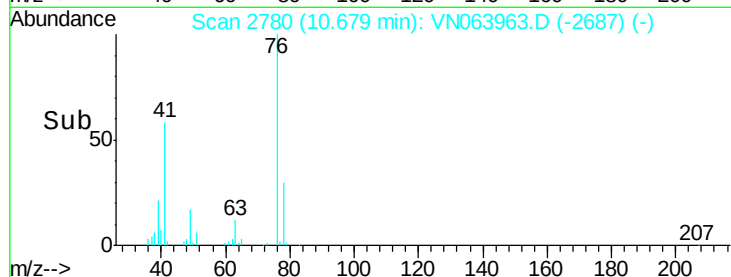
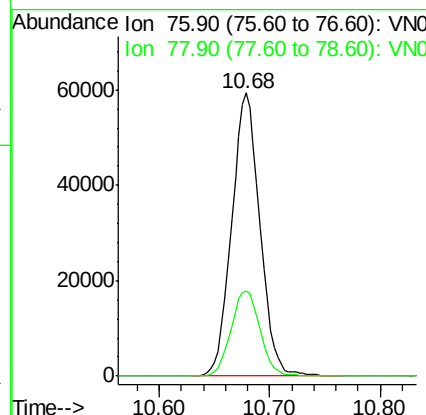
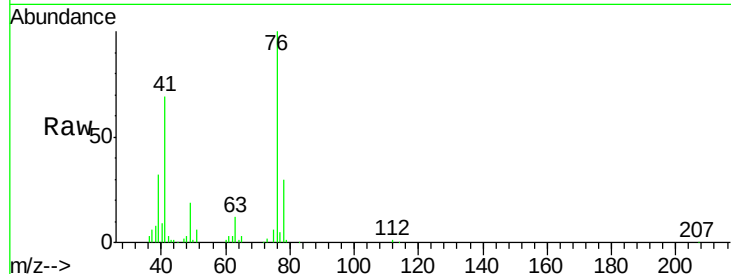
#57
 1,3-Dichloropropane
 Concen: 19.088 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. 0.00 min
 Lab File: VN063963.D
 Acq: 8 Oct 2020 00:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1007WBSD02

Tot Ion: 76 Resp: 105072
 Ion Ratio Lower Upper
 76 100
 78 31.1 25.2 37.8

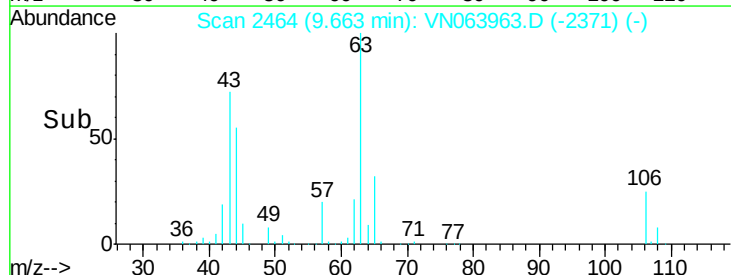
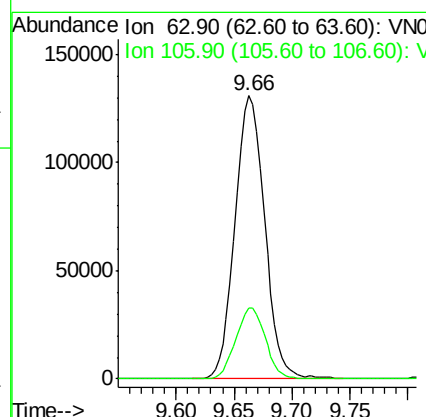
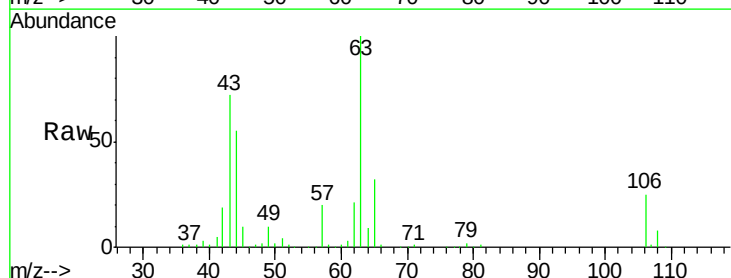
Manual Integrations
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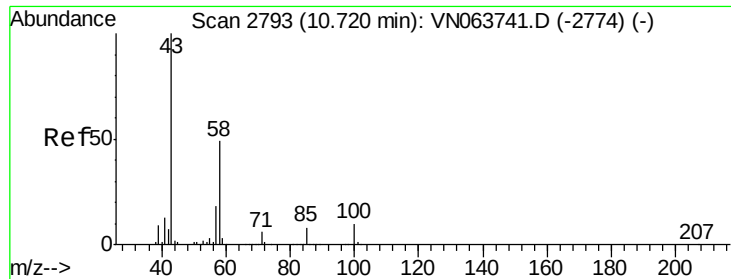
MMDadoda
 10/8/2020 10:09:38 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 94.111 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN063963.D
 Acq: 8 Oct 2020 00:53

Tgt Ion: 63 Resp: 232167
 Ion Ratio Lower Upper
 63 100
 106 25.2 20.7 31.1





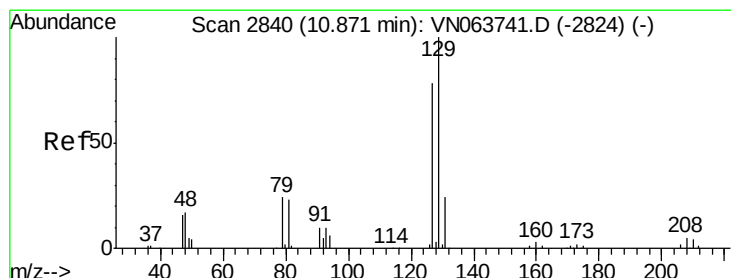
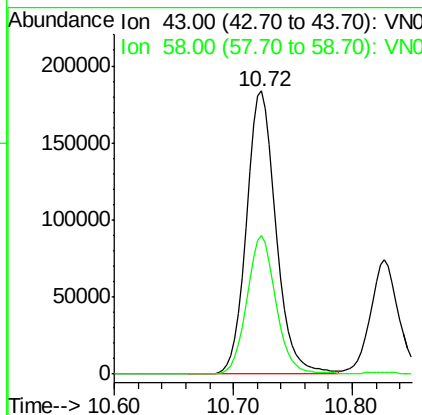
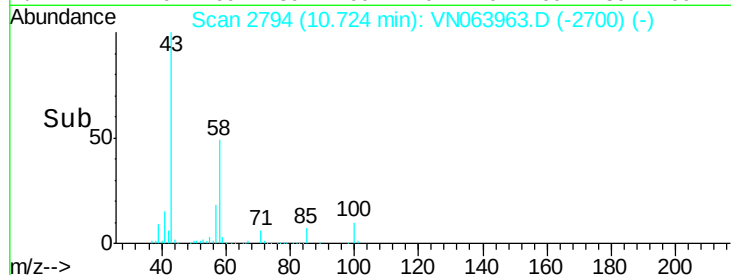
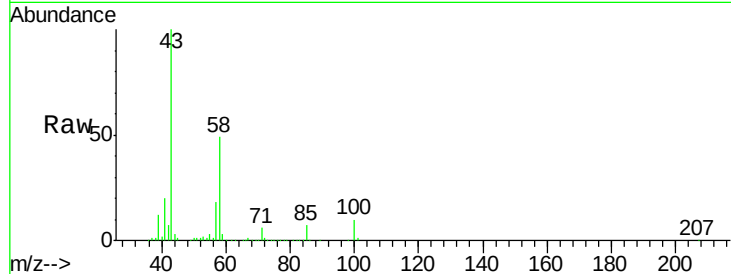
#59
2-Hexanone
Concen: 95.771 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN063963.D
Acq: 8 Oct 2020 00:53

Instrument :
MSVOA_N
ClientSampleId :
VN1007WBSD02

Tot Ion: 43 Resp: 314200
Ion Ratio Lower Upper
43 100
58 48.2 24.6 73.8

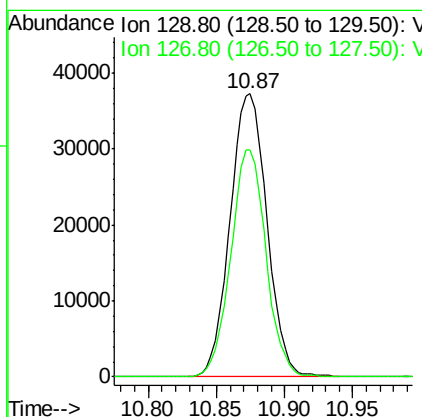
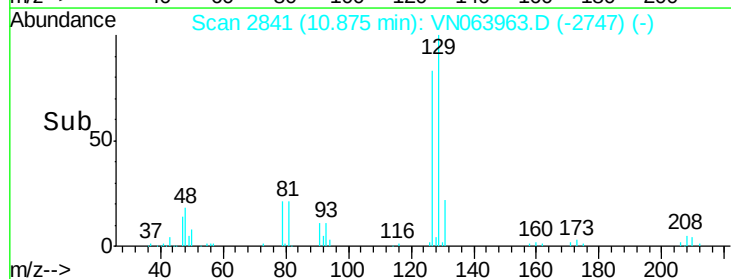
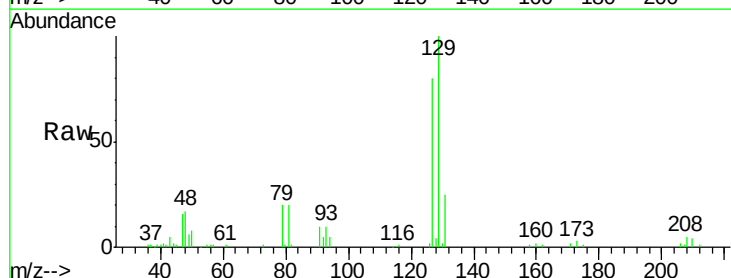
Manual Integrations
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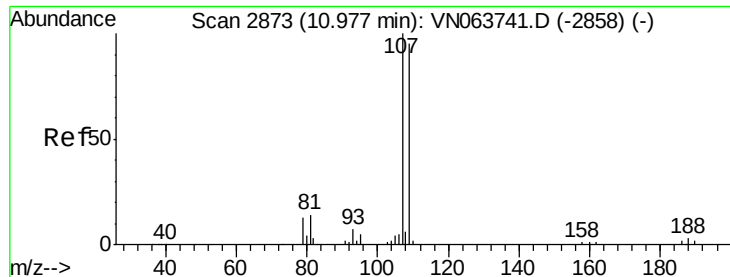
MMDadoda
10/8/2020 10:09:38 AM



#60
Dibromochloromethane
Concen: 18.472 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN063963.D
Acq: 8 Oct 2020 00:53

Tgt Ion: 129 Resp: 69992
Ion Ratio Lower Upper
129 100
127 76.5 38.9 116.7





#61

1,2-Dibromoethane

Concen: 18.643 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. 0.00 min

Lab File: VN063963.D

Acq: 8 Oct 2020 00:53

Instrument :

MSVOA_N

ClientSampleId :

VN1007WBSD02

Tot Ion:107 Resp: 62049

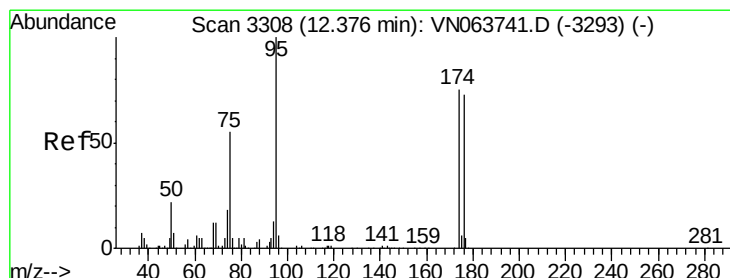
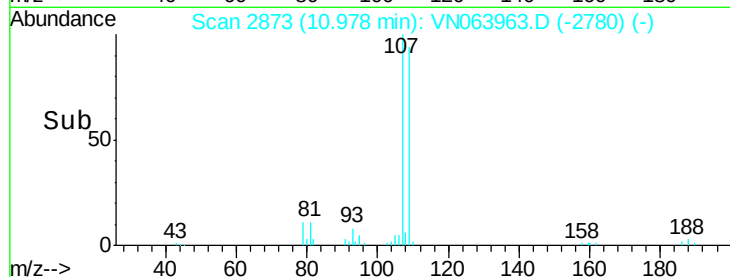
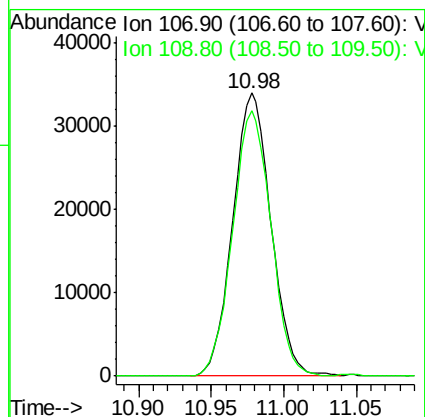
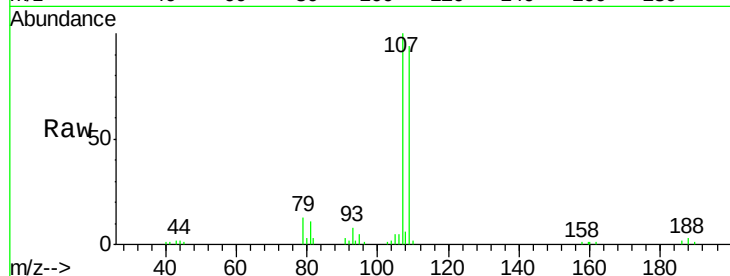
Ion Ratio Lower Upper

107 100

109 94.0 74.8 112.2

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#62

4-Bromofluorobenzene

Concen: 45.124 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN063963.D

Acq: 8 Oct 2020 00:53

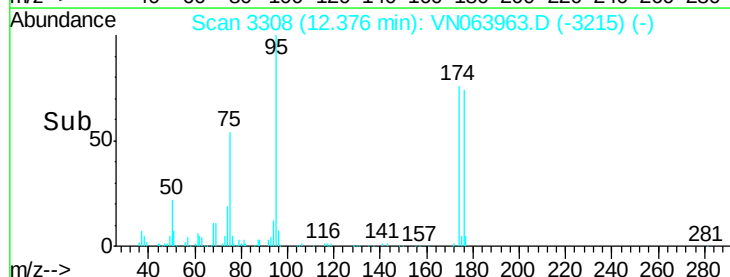
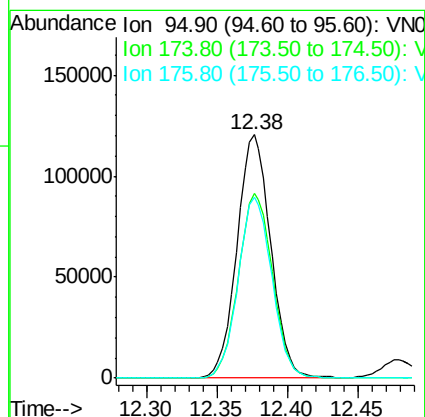
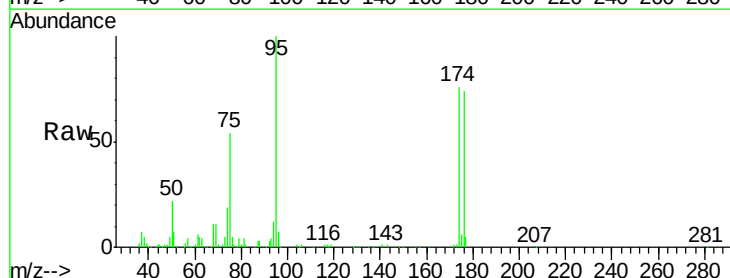
Tgt Ion: 95 Resp: 202252

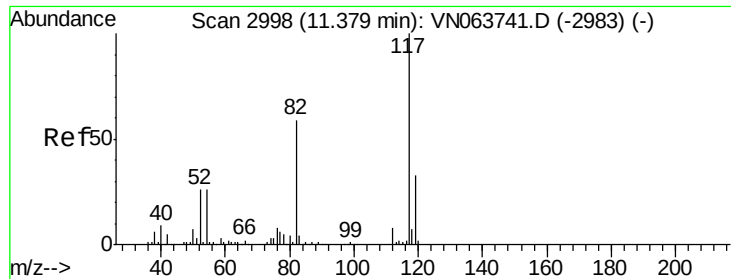
Ion Ratio Lower Upper

95 100

174 77.1 0.0 150.6

176 74.8 0.0 145.4





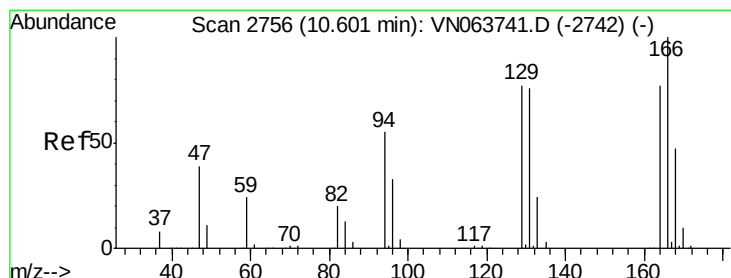
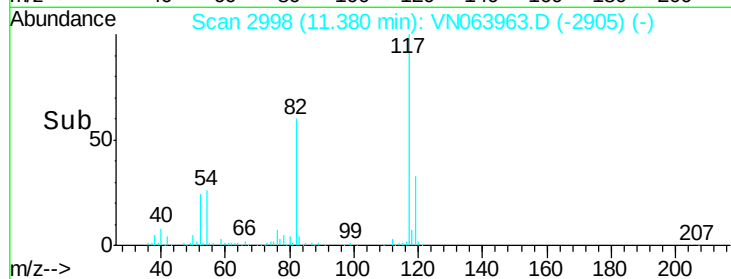
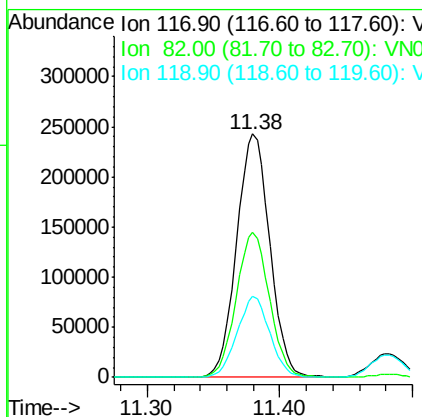
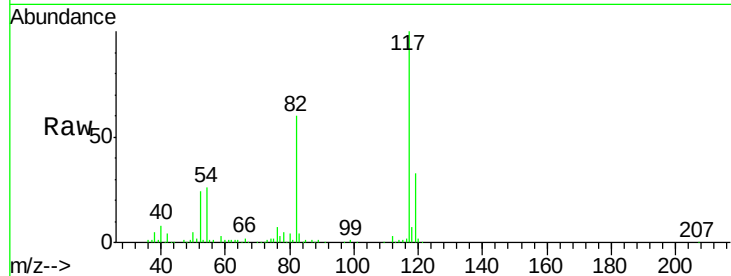
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063963.D
Acq: 8 Oct 2020 00:53

Instrument :
MSVOA_N
ClientSampleId :
VN1007WBSD02

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.6	47.4	71.2
119	33.2	26.4	39.6

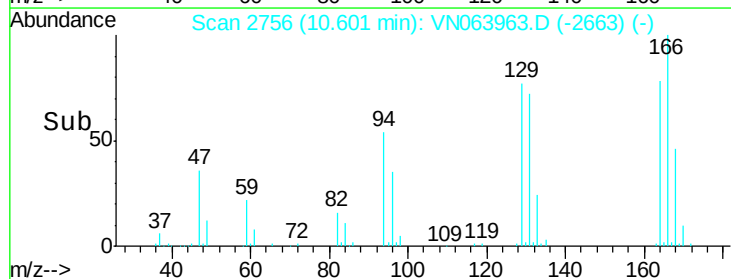
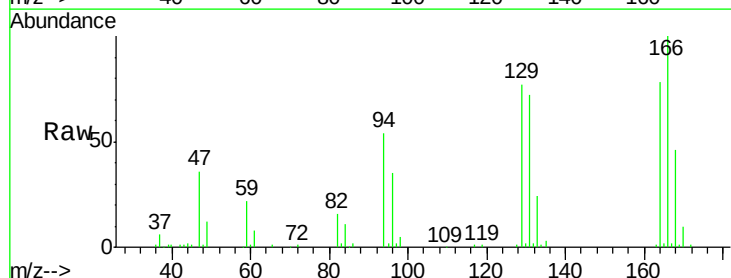
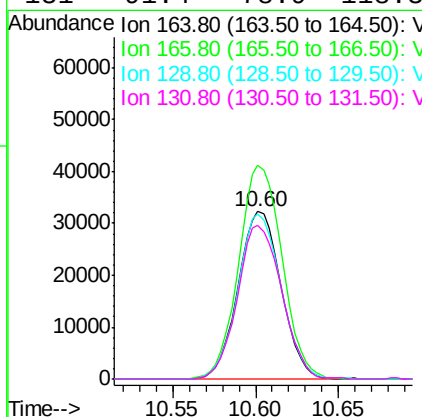
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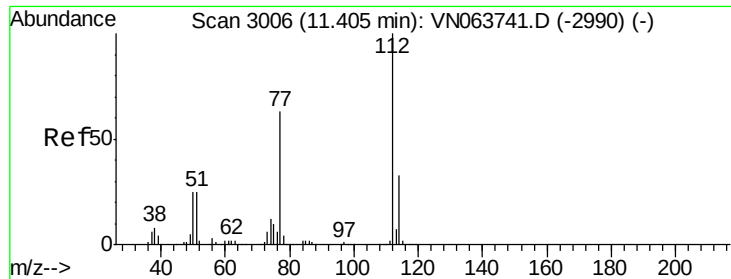
MMDadoda
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#64
Tetrachloroethene
Concen: 17.803 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN063963.D
Acq: 8 Oct 2020 00:53

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.6	103.9	155.9
129	98.7	80.3	120.5
131	91.4	78.9	118.3





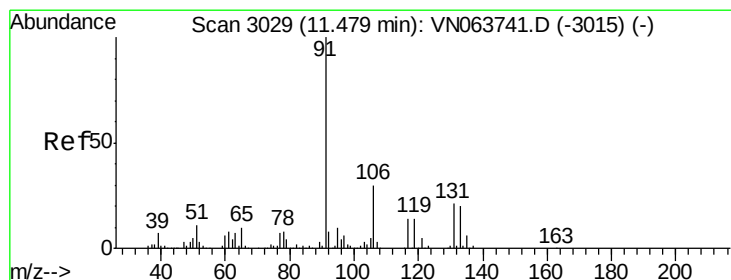
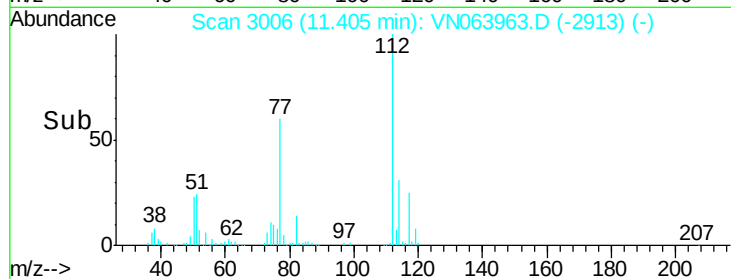
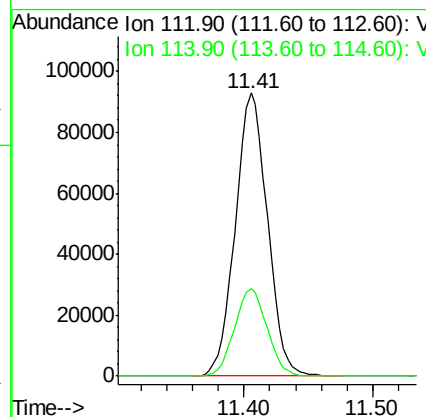
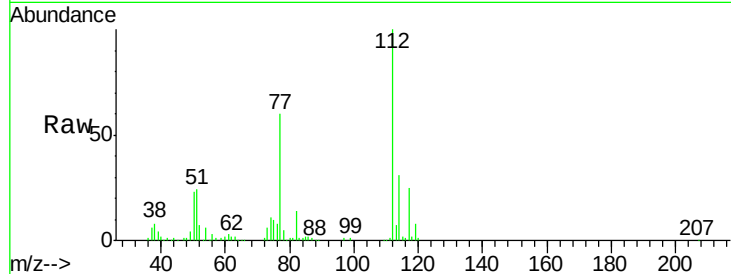
#65
Chlorobenzene
Concen: 18.564 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN063963.D
Acq: 8 Oct 2020 00:53

Instrument :
MSVOA_N
ClientSampled :
VN1007WBSD02

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.0	26.1	39.1

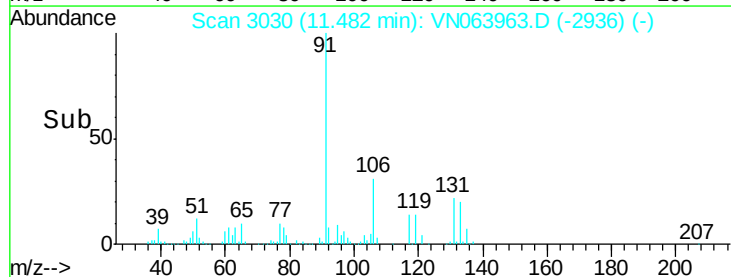
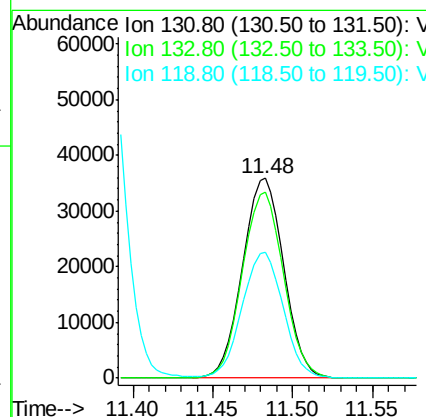
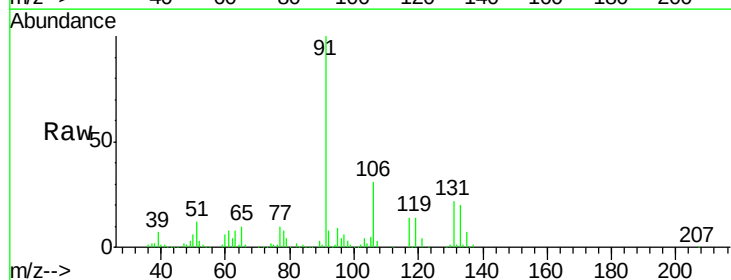
Manual Integrations
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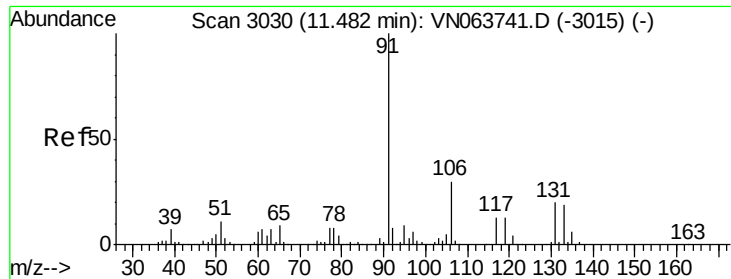
MMDadoda
10/8/2020 10:09:38 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 18.923 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN063963.D
Acq: 8 Oct 2020 00:53

Tgt Ion	Ratio	Lower	Upper
131	100		
133	93.4	47.3	141.8
119	62.6	32.6	97.7





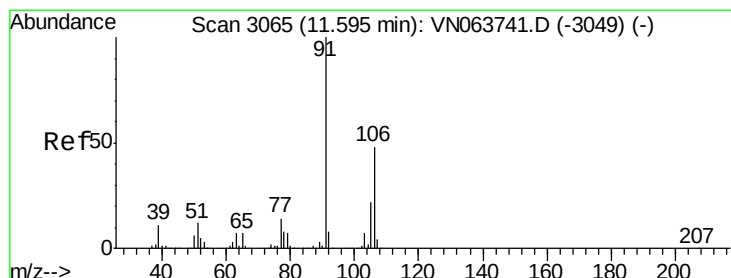
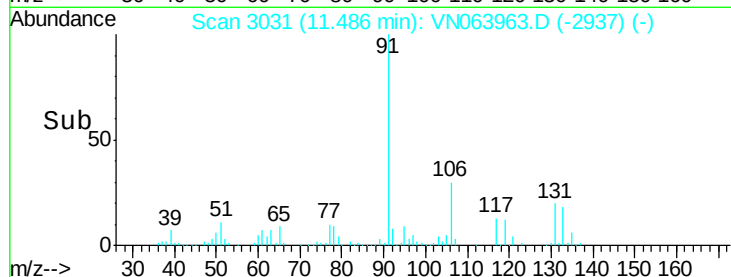
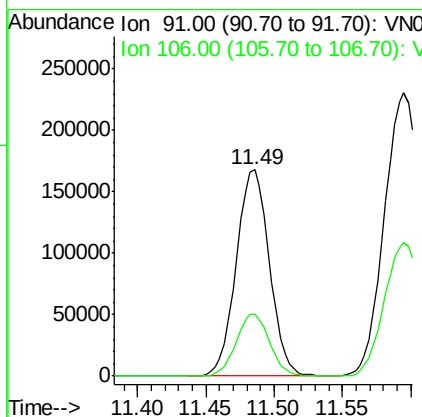
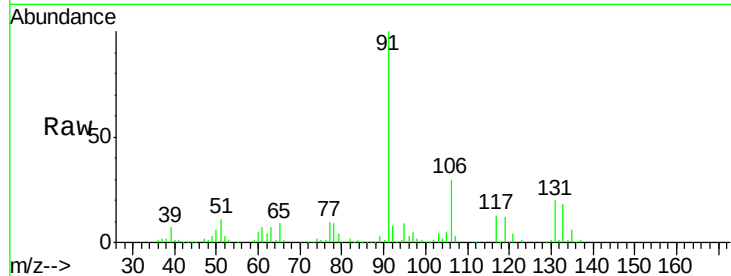
#67
Ethyl Benzene
Concen: 17.968 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. 0.00 min
Lab File: VN063963.D
Acq: 8 Oct 2020 00:53

Instrument :
MSVOA_N
ClientSampleId :
VN1007WBSD02

Tot Ion: 91 Resp: 283747
Ion Ratio Lower Upper
91 100
106 30.3 24.2 36.2

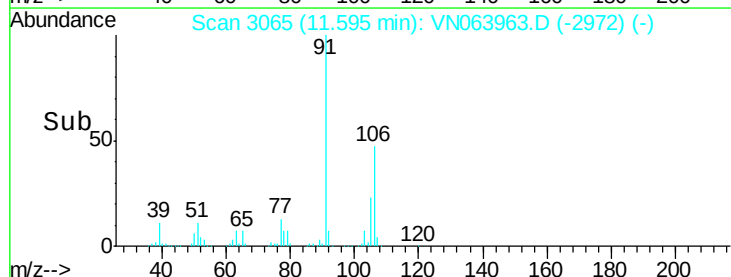
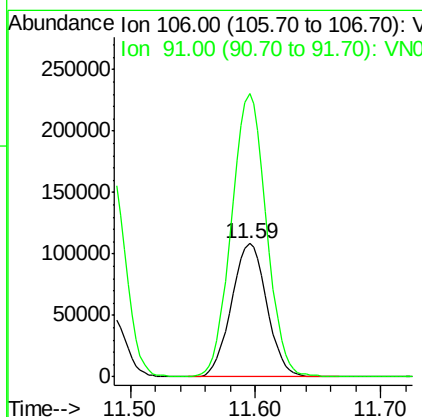
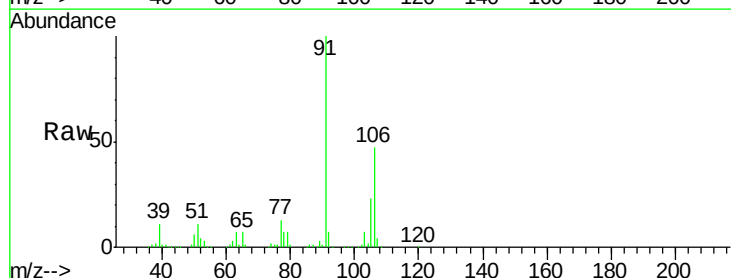
Manual Integrations
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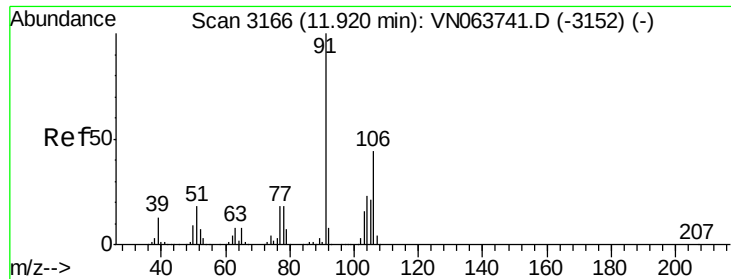
MMDadoda
10/8/2020 10:09:38 AM



#68
m/p-Xylenes
Concen: 35.962 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN063963.D
Acq: 8 Oct 2020 00:53

Tgt Ion: 106 Resp: 211659
Ion Ratio Lower Upper
106 100
91 208.9 168.0 252.0





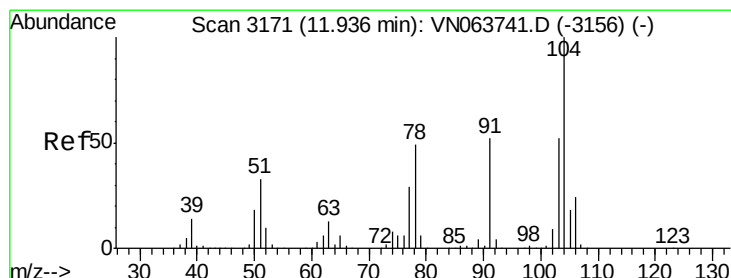
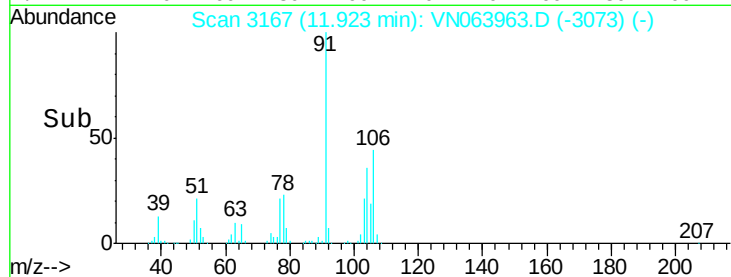
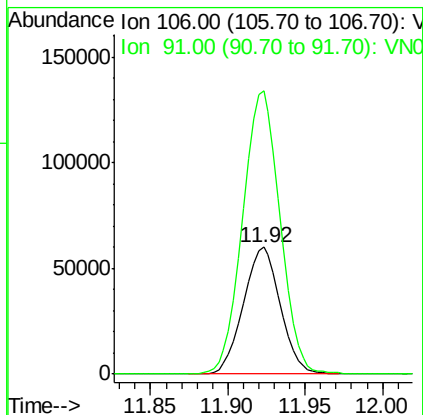
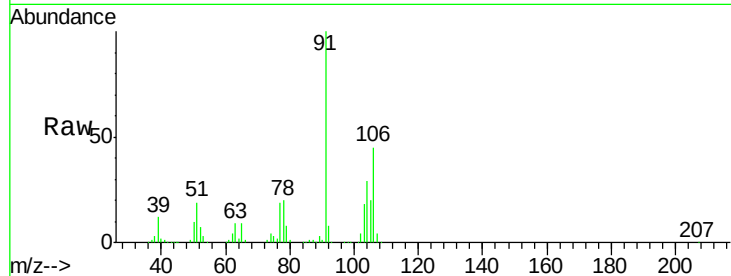
#69
o-Xylene
Concen: 18.213 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063963.D
Acq: 8 Oct 2020 00:53

Instrument :
MSVOA_N
ClientSampleId :
VN1007WBSD02

Tot Ion:106 Resp: 100189
Ion Ratio Lower Upper
106 100
91 225.6 112.7 338.0

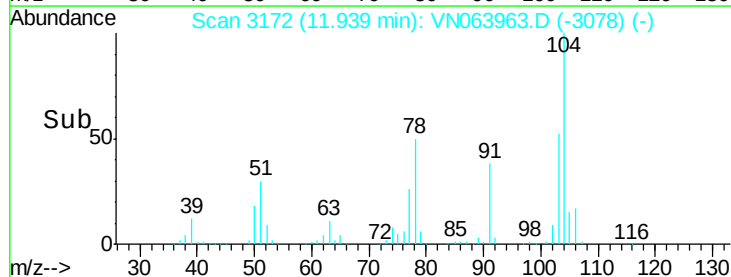
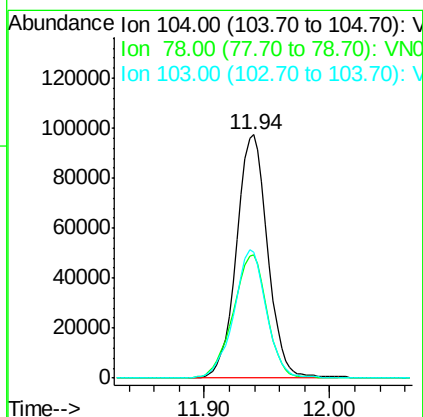
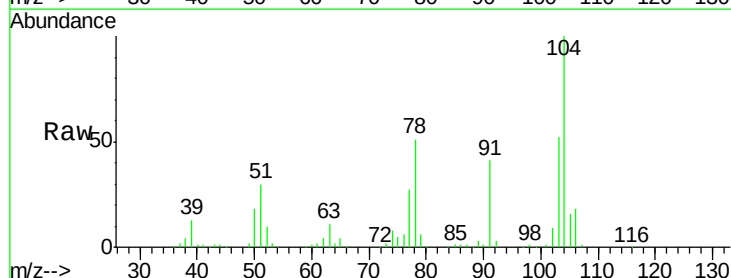
Manual Integrations
APPROVED

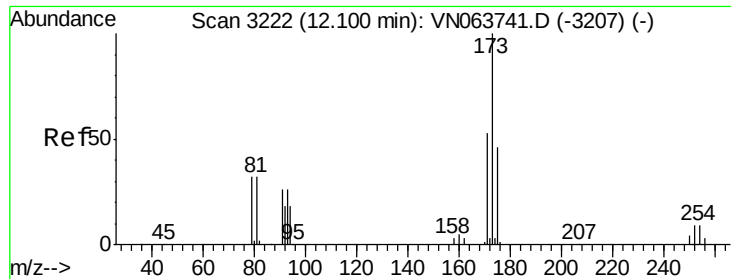
MMDadoda
10/8/2020 10:09:38 AM



#70
Styrene
Concen: 18.009 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN063963.D
Acq: 8 Oct 2020 00:53

Tgt Ion:104 Resp: 168167
Ion Ratio Lower Upper
104 100
78 55.4 44.1 66.1
103 54.9 44.3 66.5





#71

Bromoform

Concen: 18.198 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN063963.D

Acq: 8 Oct 2020 00:53

Instrument :

MSVOA_N

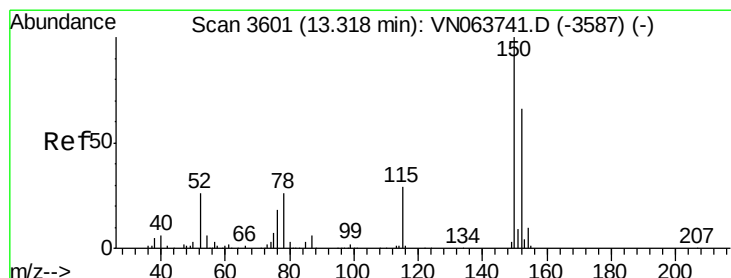
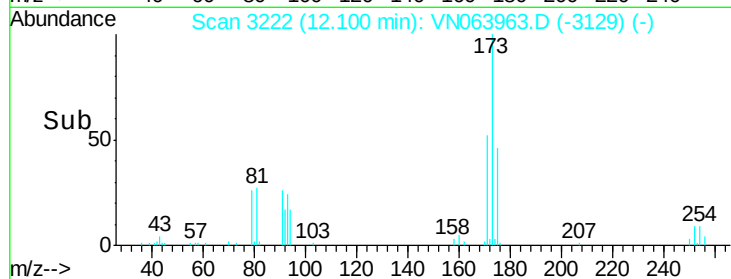
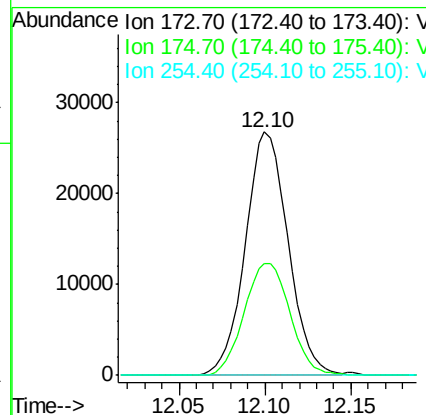
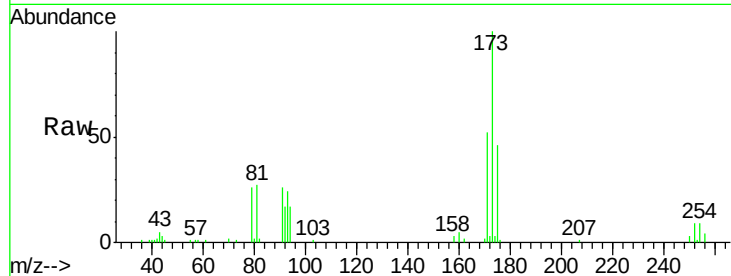
ClientSampleId :

VN1007WBSD02

Tot Ion:173 Resp: 46307
 Ion Ratio Lower Upper
 173 100
 175 49.1 23.5 70.5
 254 0.0 0.0 0.0

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

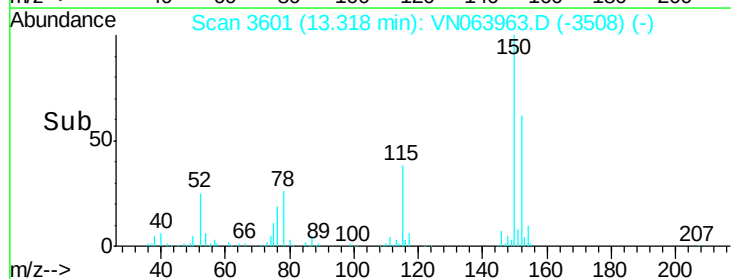
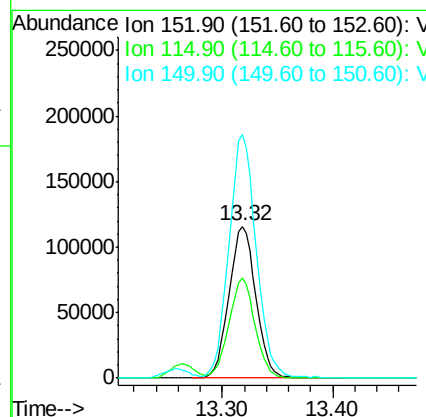
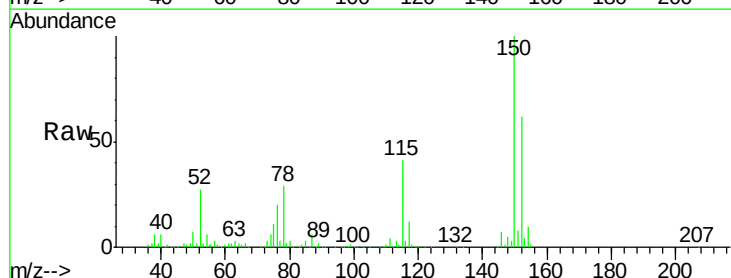
RT: 13.32 min Scan# 3601

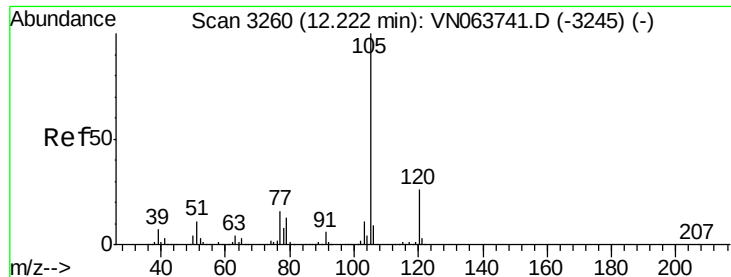
Delta R.T. 0.00 min

Lab File: VN063963.D

Acq: 8 Oct 2020 00:53

Tgt Ion:152 Resp: 195445
 Ion Ratio Lower Upper
 152 100
 115 63.3 31.3 93.8
 150 161.7 0.0 341.8





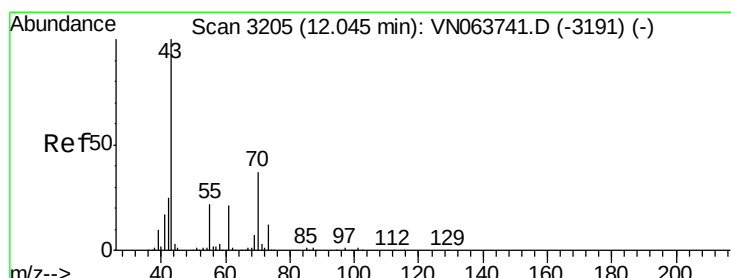
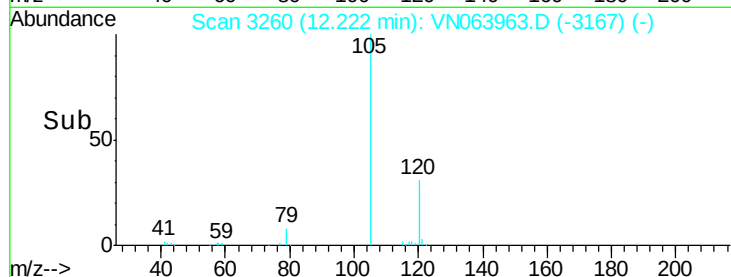
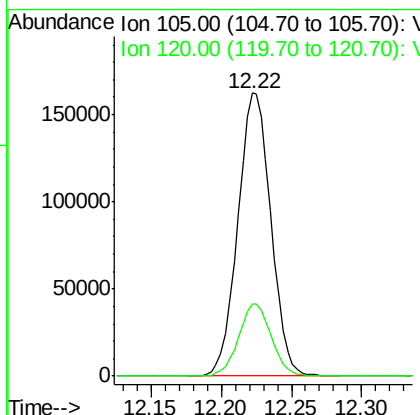
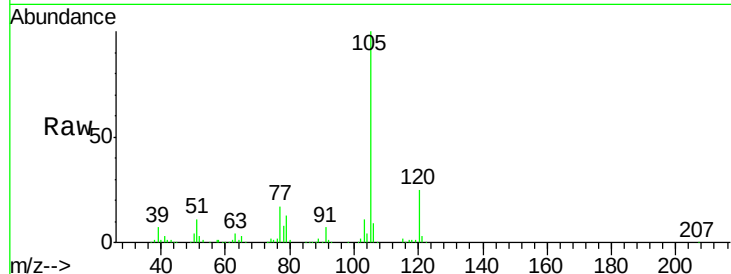
#73
Isopropylbenzene
Concen: 18.684 ug/l
RT: 12.22 min Scan# 3260
Delta R.T. 0.00 min
Lab File: VN063963.D
Acq: 8 Oct 2020 00:53

Instrument :
MSVOA_N
ClientSampleId :
VN1007WBSD02

Tot Ion	Ratio	Lower	Upper
105	100		
120	25.1	12.6	37.8

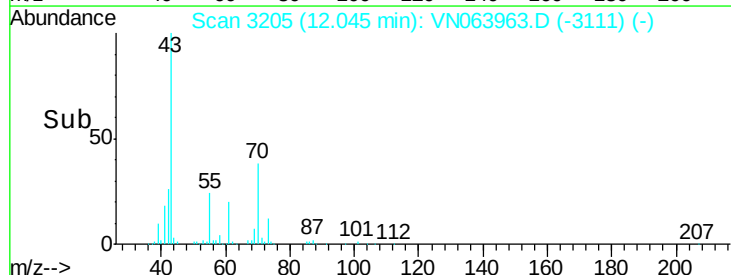
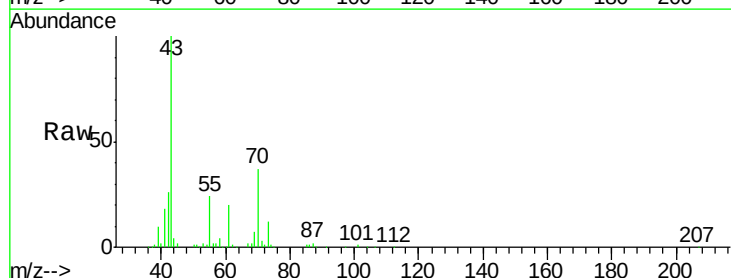
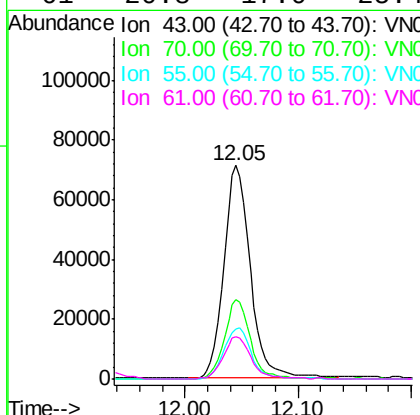
Manual Integrations
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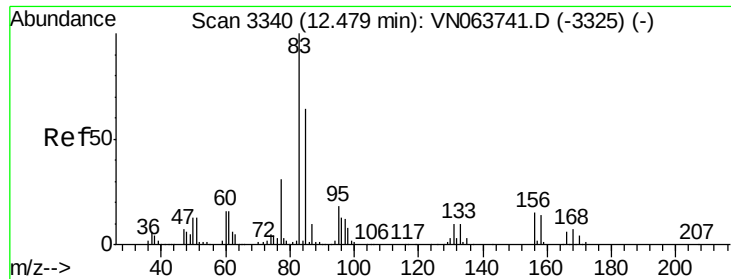
MMDadoda
10/8/2020 10:09:38 AM



#74
N-ethyl acetate
Concen: 19.064 ug/l
RT: 12.05 min Scan# 3205
Delta R.T. 0.00 min
Lab File: VN063963.D
Acq: 8 Oct 2020 00:53

Tgt Ion	Ratio	Lower	Upper
43	100		
70	36.8	29.8	44.8
55	24.6	17.9	26.9
61	20.8	17.0	25.4





#75

1,1,2,2-Tetrachloroethane

Concen: 19.601 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN063963.D

Acq: 8 Oct 2020 00:53

Instrument :

MSVOA_N

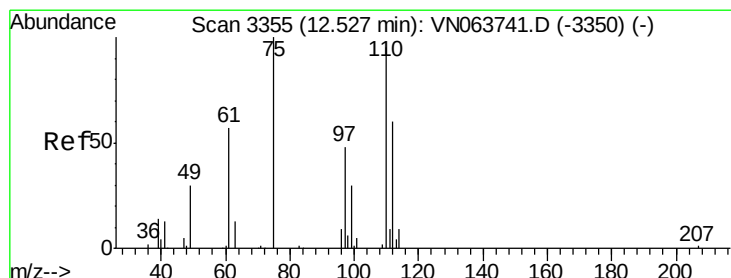
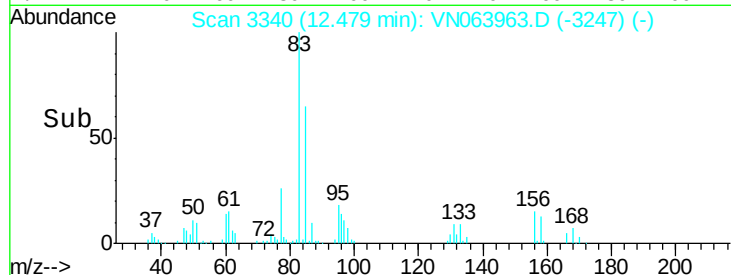
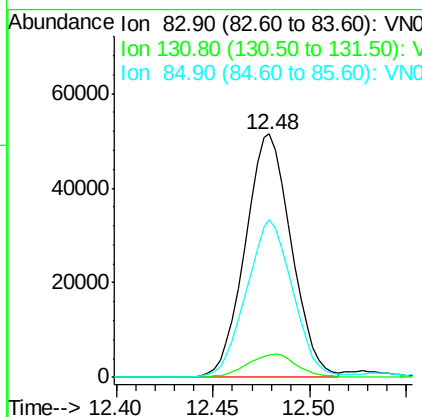
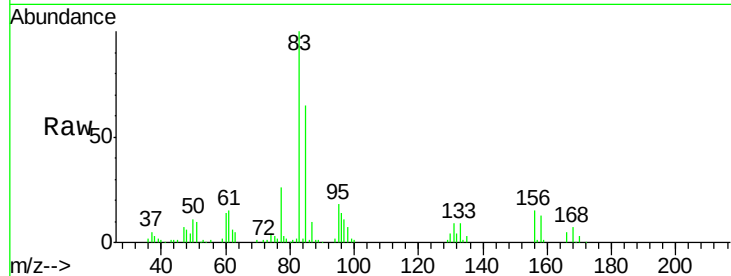
ClientSampleId :

VN1007WBSD02

Tot Ion:	83	Resp:	85445
Ion Ratio	Lower	Upper	
83	100		
131	10.2	5.3	15.8
85	65.3	31.3	93.8

Manual Integrations
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MMDadoda
10/8/2020 10:09:38 AM



#76

1,2,3-Trichloropropane

Concen: 19.223 ug/l m

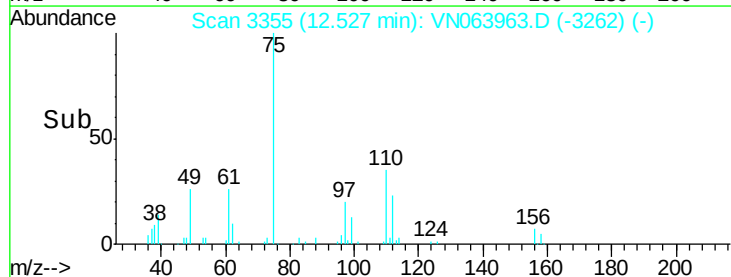
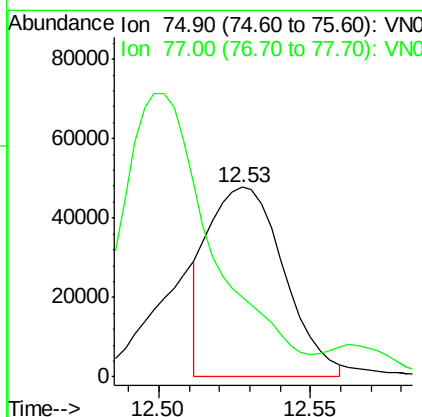
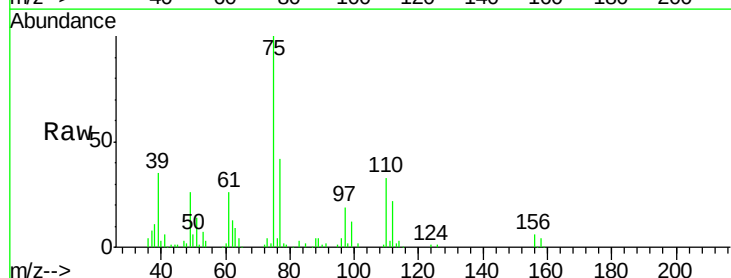
RT: 12.53 min Scan# 3355

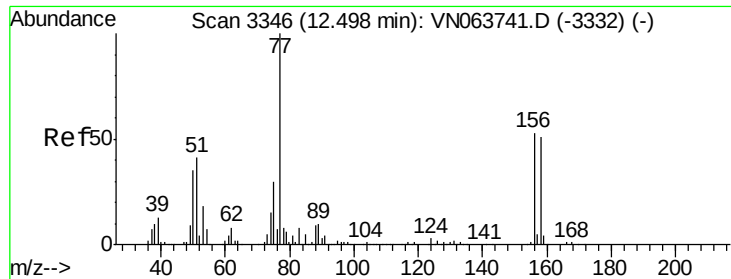
Delta R.T. 0.00 min

Lab File: VN063963.D

Acq: 8 Oct 2020 00:53

Tgt Ion:	75	Resp:	82822
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.727 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN063963.D

Acq: 8 Oct 2020 00:53

Instrument :

MSVOA_N

ClientSampleId :

VN1007WBSD02

Tot Ion:156 Resp: 69003

Ion Ratio Lower Upper

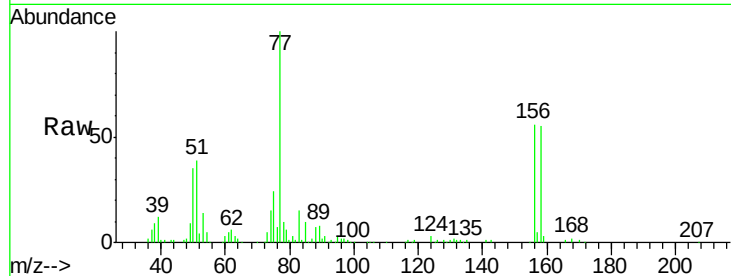
156 100

77 220.2 110.9 332.7

158 95.9 47.7 143.1

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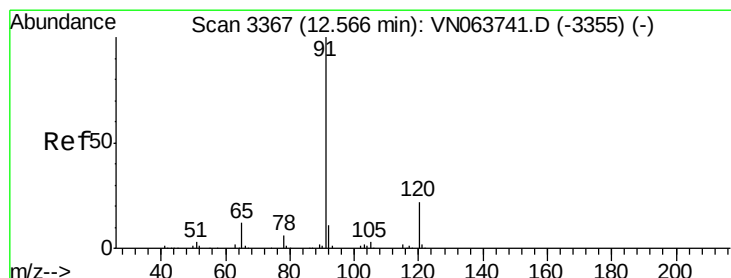
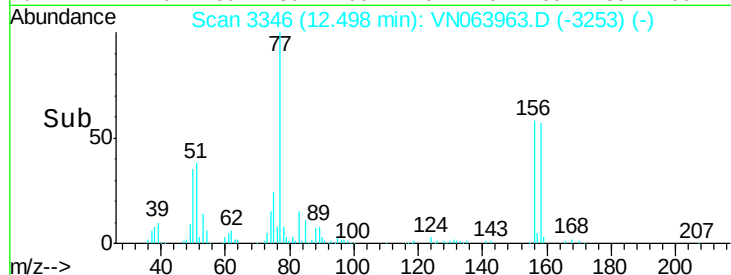
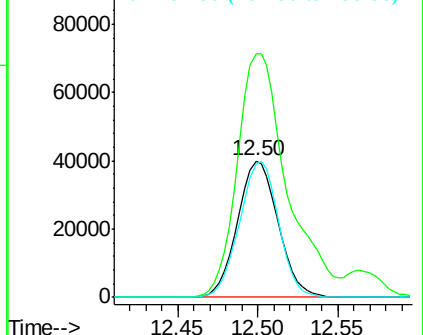
MMDadoda
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.208 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN063963.D

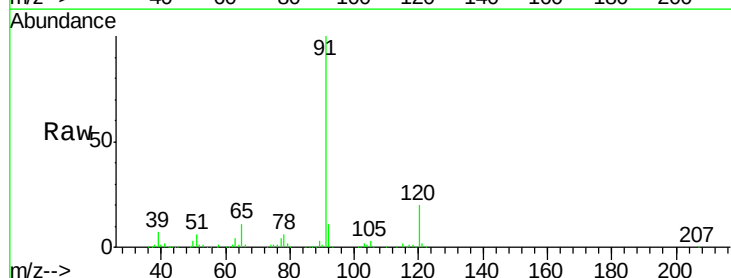
Acq: 8 Oct 2020 00:53

Tgt Ion: 91 Resp: 302081

Ion Ratio Lower Upper

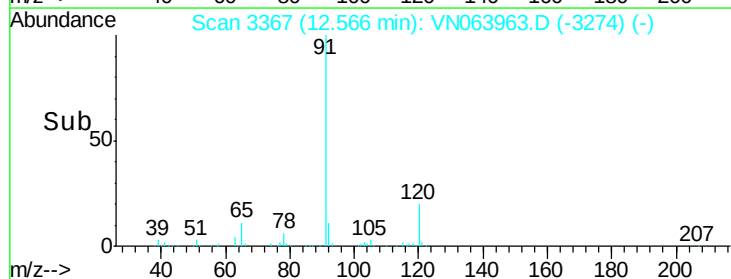
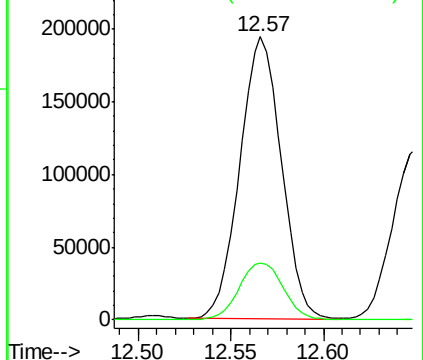
91 100

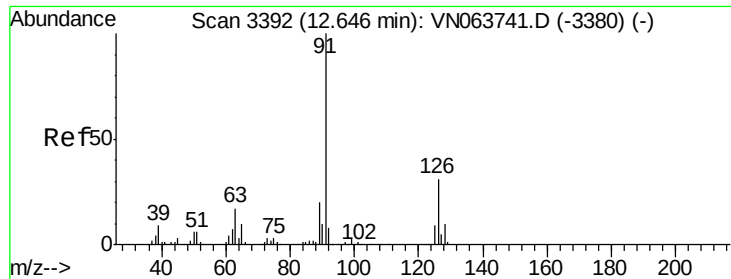
120 21.7 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.714 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN063963.D

Acq: 8 Oct 2020 00:53

Instrument :

MSVOA_N

ClientSampleId :

VN1007WBSD02

Tot Ion: 91 Resp: 190952

Ion Ratio Lower Upper

91 100

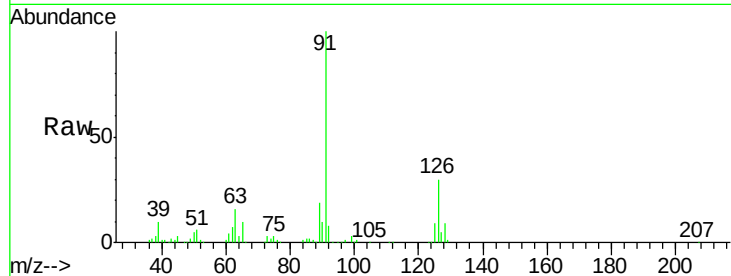
126 32.0 15.9 47.7

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Abundance Ion 91.00 (90.70 to 91.70): VN063741.D (-3380) (-)

Ion 125.90 (125.60 to 126.60): VN063741.D (-3380) (-)

200000

150000

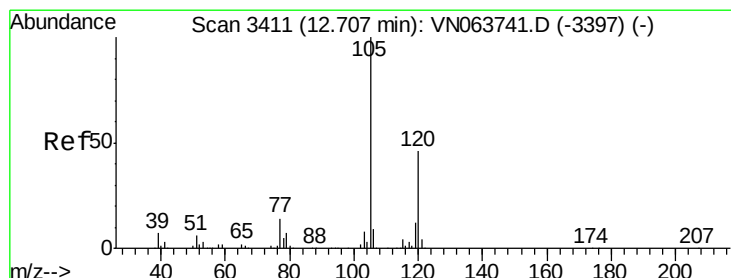
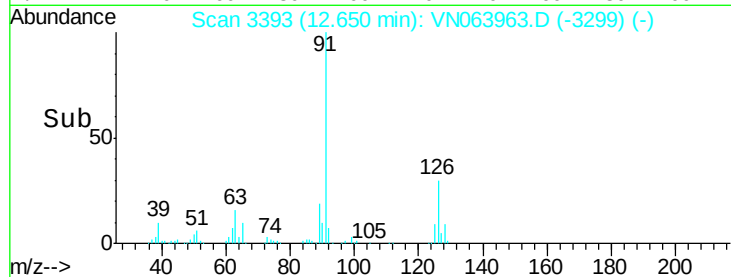
100000

50000

0

12.60 12.65 12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 18.448 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN063963.D

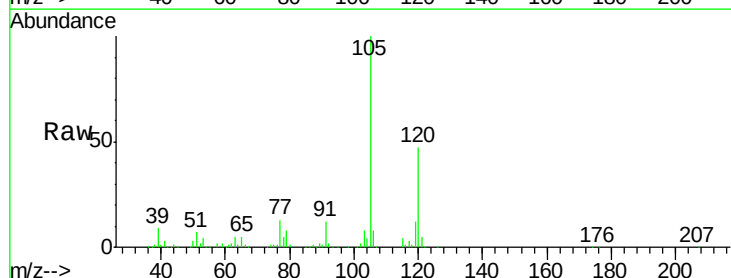
Acq: 8 Oct 2020 00:53

Tgt Ion: 105 Resp: 220628

Ion Ratio Lower Upper

105 100

120 46.6 23.3 69.9



Abundance Ion 105.00 (104.70 to 105.70): VN063741.D (-3397) (-)

Ion 120.00 (119.70 to 120.70): VN063741.D (-3397) (-)

150000

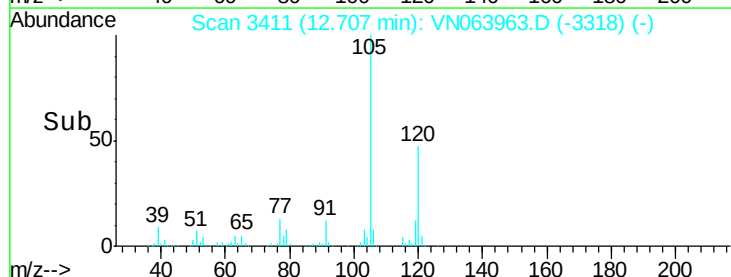
100000

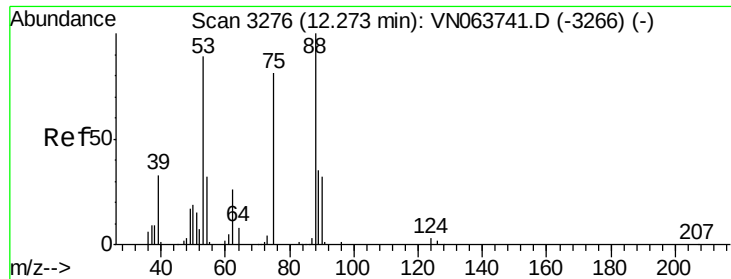
50000

0

12.60 12.70 12.80

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 16.370 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN063963.D

Acq: 8 Oct 2020 00:53

Instrument :

MSVOA_N

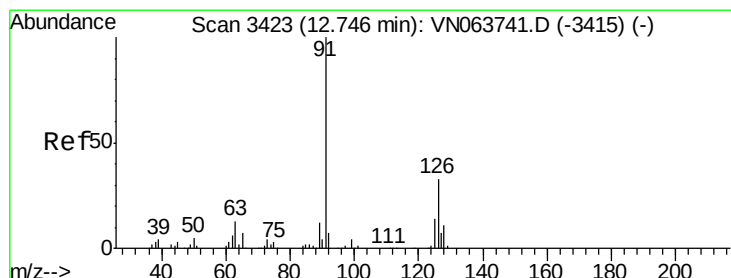
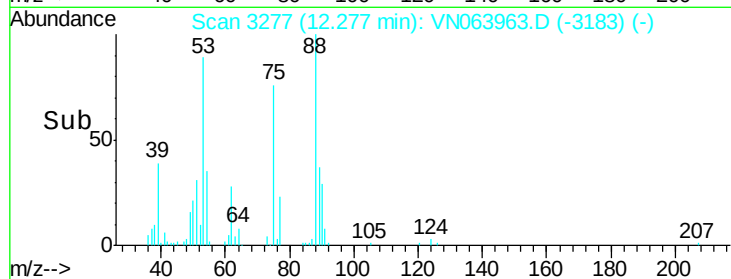
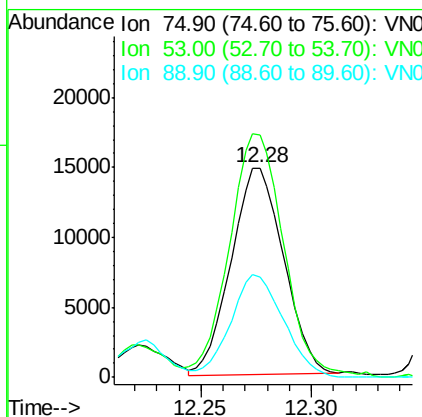
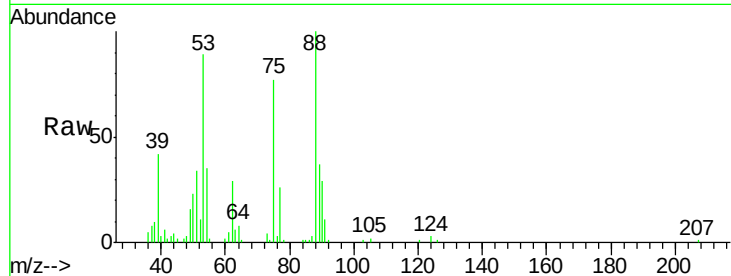
ClientSampleId :

VN1007WBSD02

Tot Ion:	75	Resp:	24488
Ion	Ratio	Lower	Upper
75	100		
53	122.8	88.2	132.2
89	50.0	36.0	54.0

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#82

4-Chlorotoluene

Concen: 18.388 ug/l

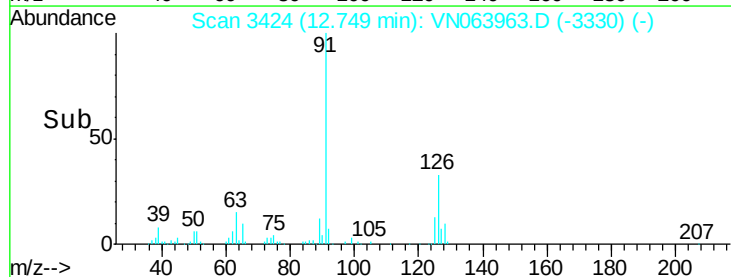
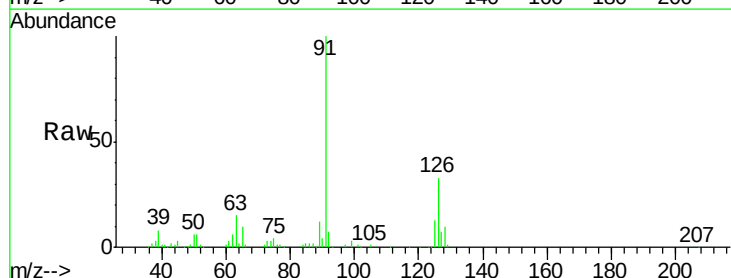
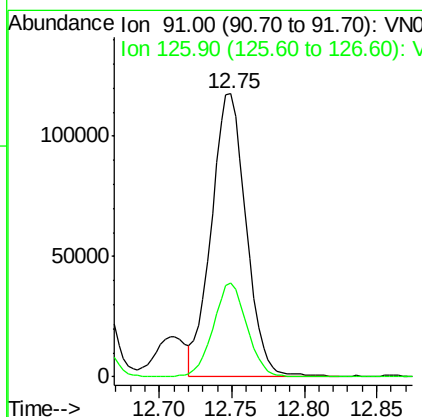
RT: 12.75 min Scan# 3424

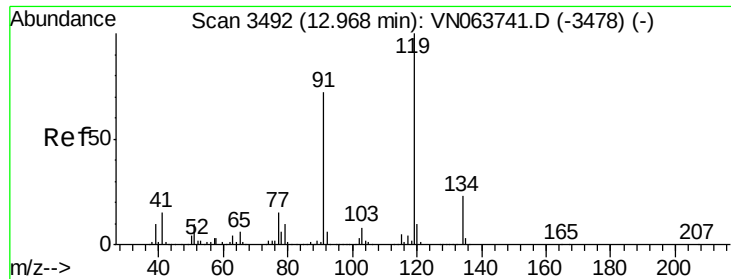
Delta R.T. 0.00 min

Lab File: VN063963.D

Acq: 8 Oct 2020 00:53

Tgt Ion:	91	Resp:	194770
Ion	Ratio	Lower	Upper
91	100		
126	32.5	15.4	46.2





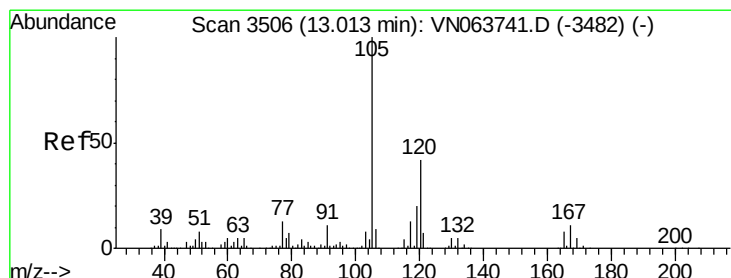
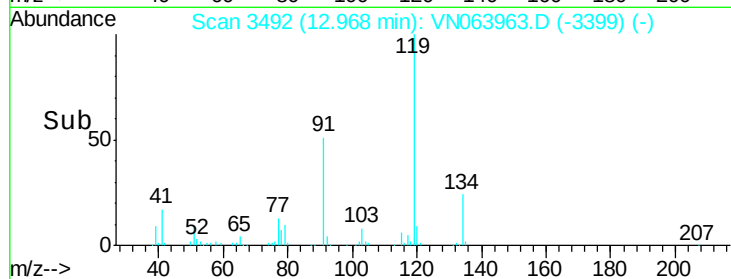
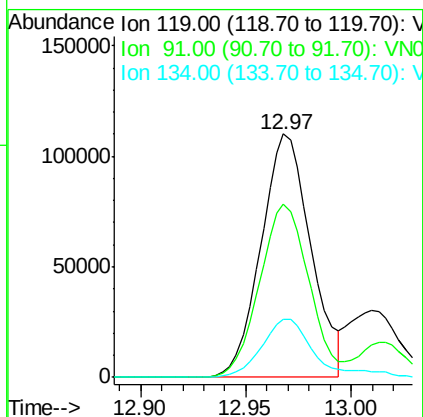
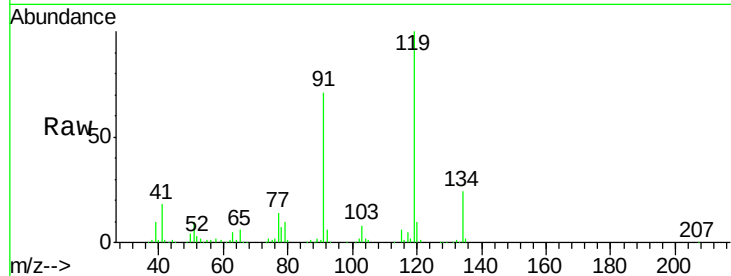
#83
 tert-Butylbenzene
 Concen: 18.503 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: VN063963.D
 Acq: 8 Oct 2020 00:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1007WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	181012		
91	70.8	35.5	106.5	
134	25.5	11.7	35.1	

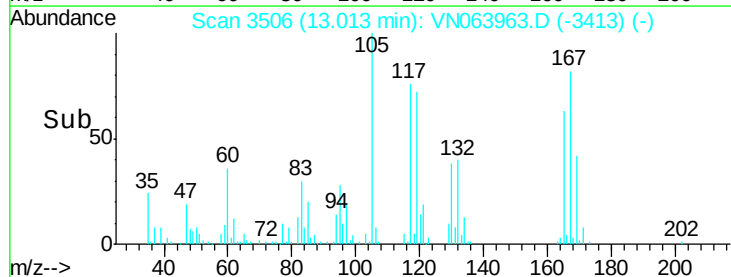
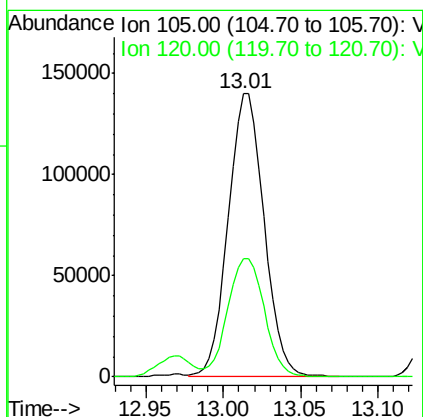
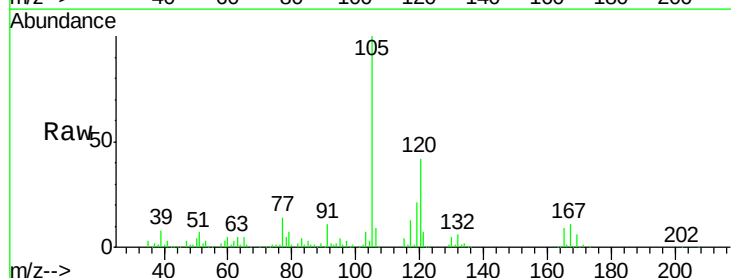
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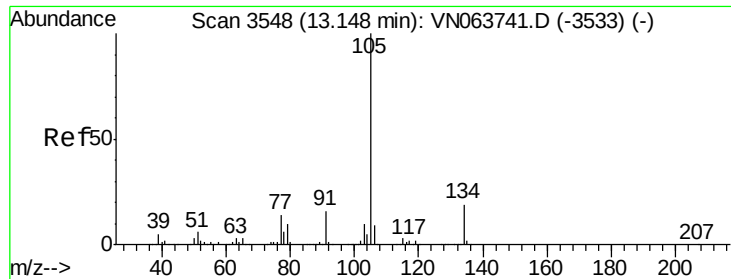
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#84
 1,2,4-Trimethylbenzene
 Concen: 18.736 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN063963.D
 Acq: 8 Oct 2020 00:53

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	223717		
120	42.7	20.9	62.7	





#85

sec-Butylbenzene

Concen: 18.344 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN063963.D

Acq: 8 Oct 2020 00:53

Instrument :

MSVOA_N

ClientSampleId :

VN1007WBSD02

Tot Ion:105 Resp: 235706

Ion Ratio Lower Upper

105 100

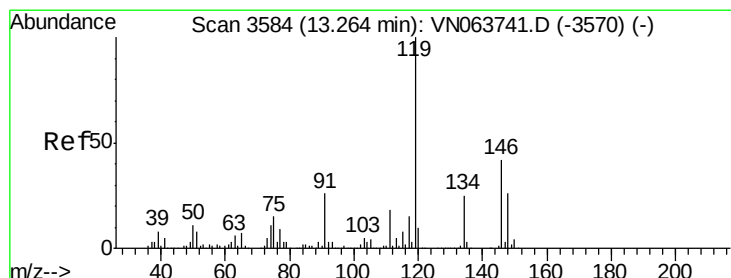
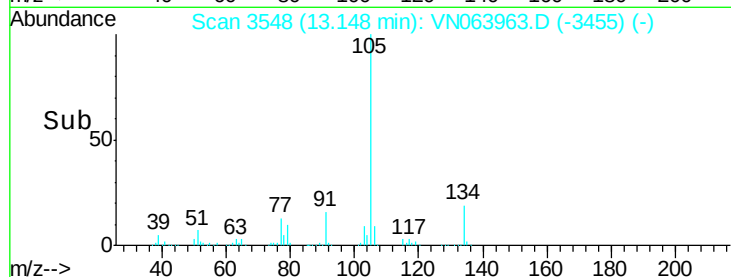
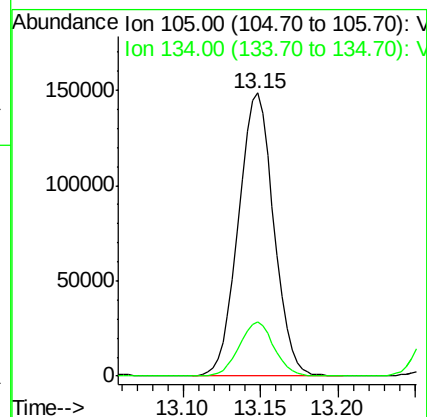
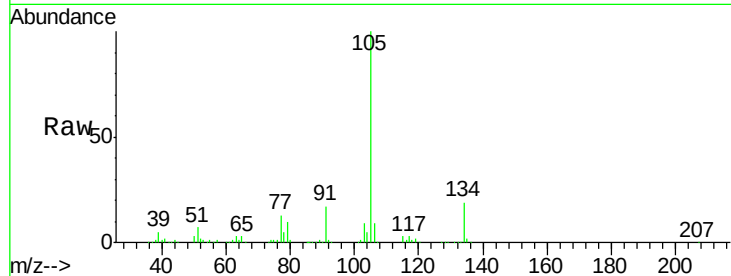
134 18.9 9.5 28.5

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#86

p-Isopropyltoluene

Concen: 17.962 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN063963.D

Acq: 8 Oct 2020 00:53

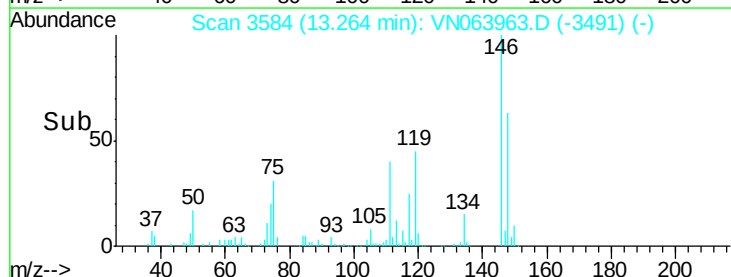
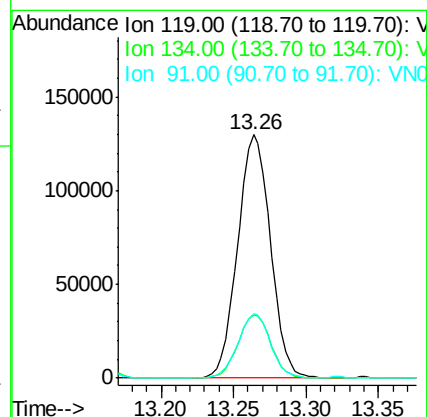
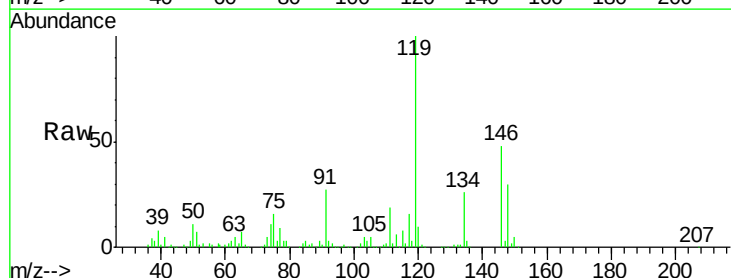
Tgt Ion:119 Resp: 204169

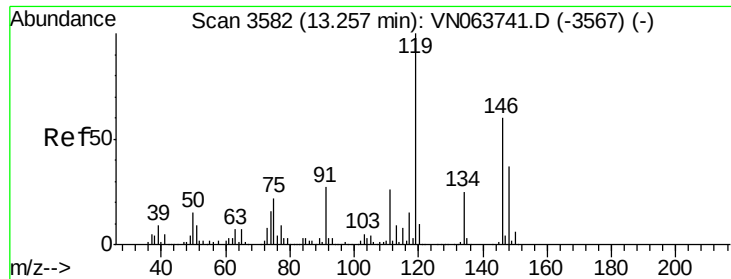
Ion Ratio Lower Upper

119 100

134 26.0 12.6 37.8

91 26.3 13.4 40.2





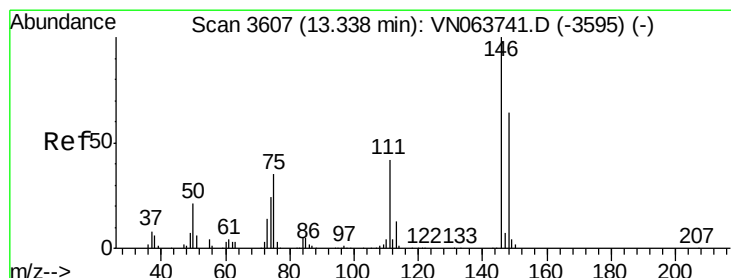
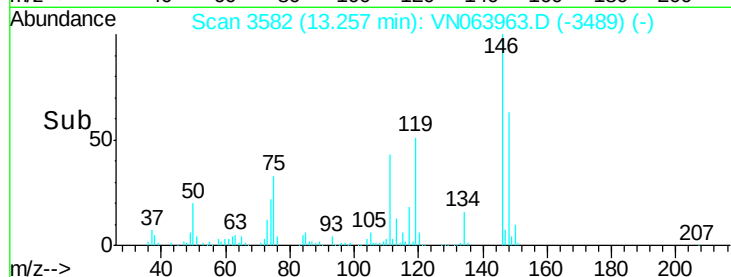
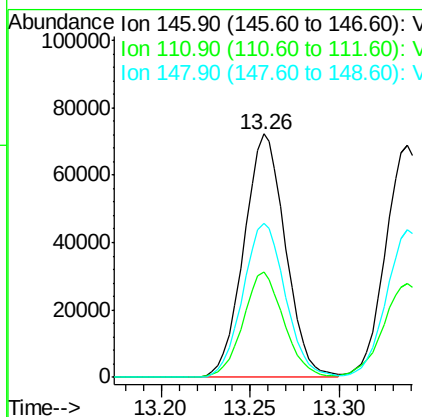
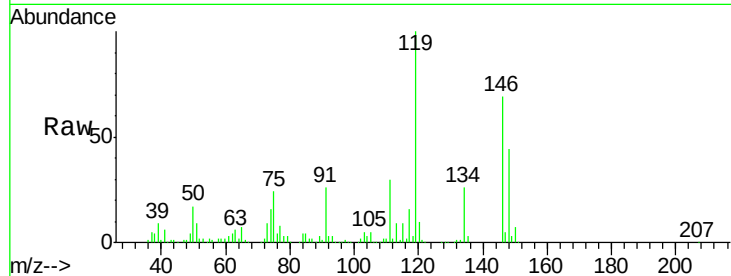
#87
 1,3-Dichlorobenzene
 Concen: 18.594 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN063963.D
 Acq: 8 Oct 2020 00:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1007WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.3	21.5	64.5
148	64.5	31.1	93.3

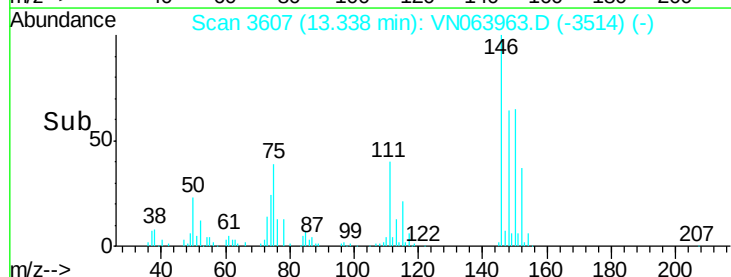
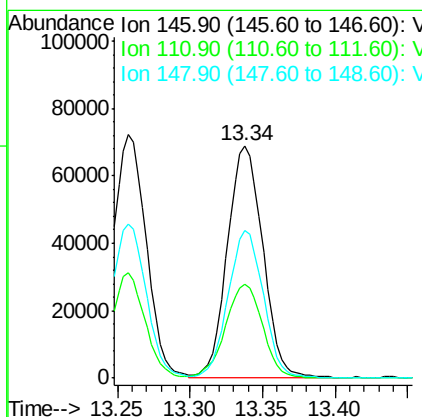
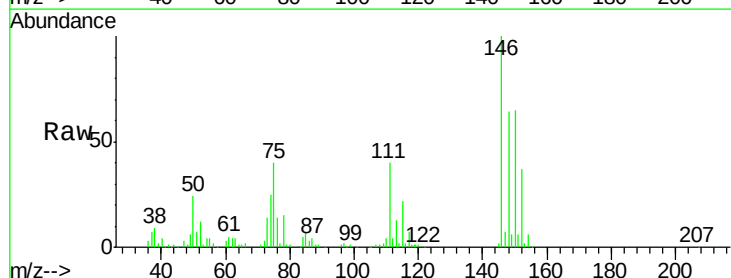
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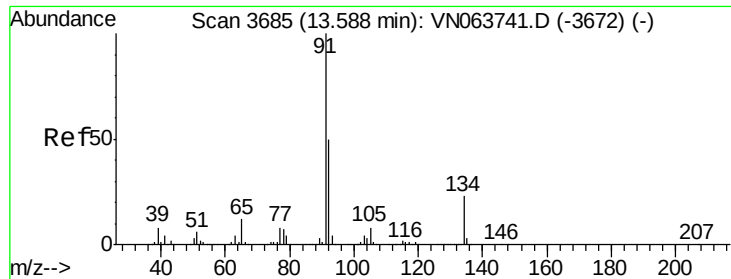
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#88
 1,4-Dichlorobenzene
 Concen: 17.700 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN063963.D
 Acq: 8 Oct 2020 00:53

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.7	21.3	63.7
148	63.0	32.0	96.0





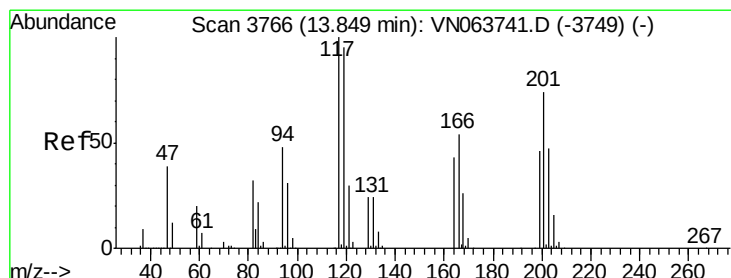
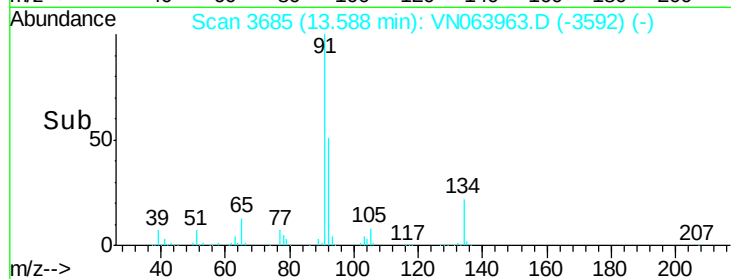
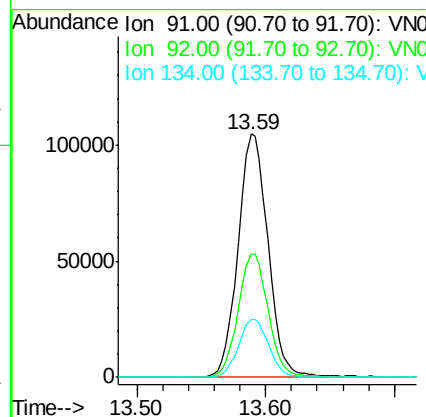
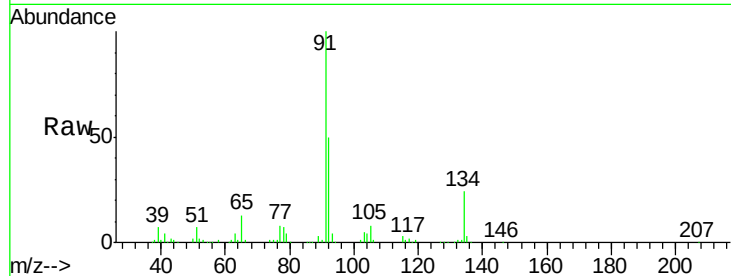
#89
n-Butylbenzene
Concen: 16.138 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN063963.D
Acq: 8 Oct 2020 00:53

Instrument :
MSVOA_N
ClientSampleId :
VN1007WBSD02

Tot Ion	Ratio	Lower	Upper
91	100		
92	50.9	25.4	76.4
134	24.2	11.7	35.1

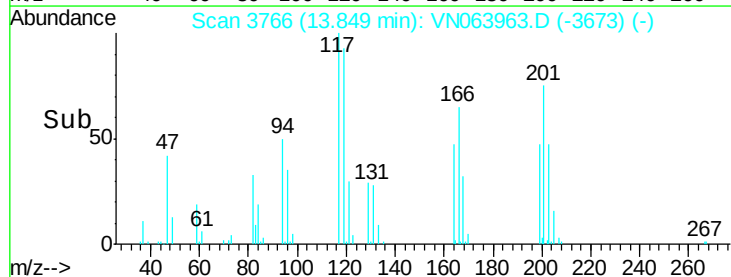
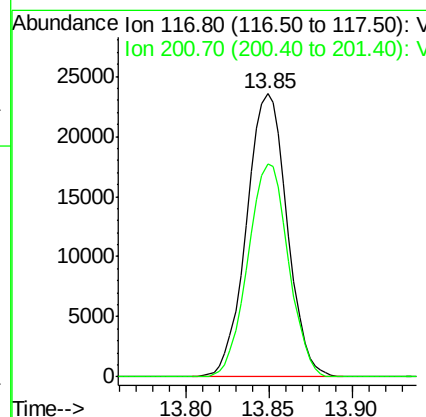
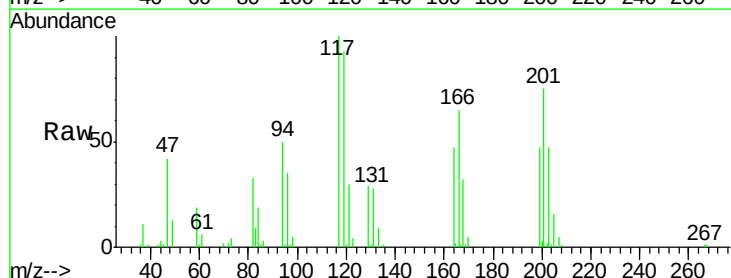
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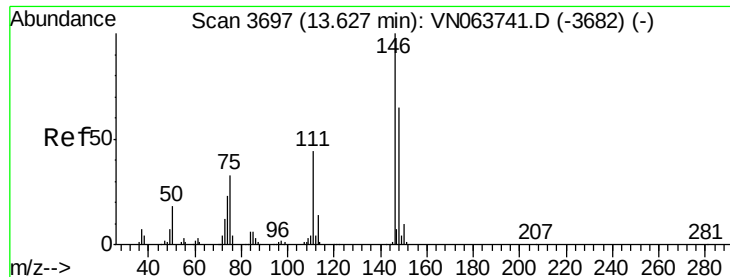
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#90
Hexachloroethane
Concen: 18.196 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN063963.D
Acq: 8 Oct 2020 00:53

Tgt Ion	Ratio	Lower	Upper
117	100		
201	75.0	36.0	108.0





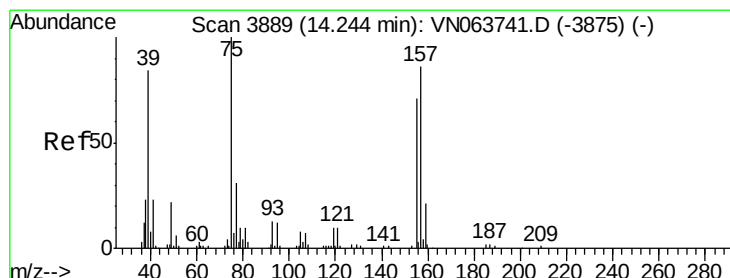
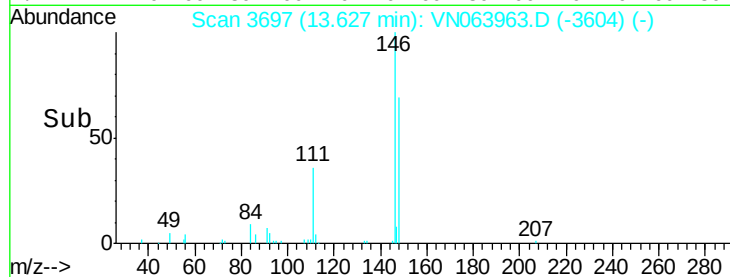
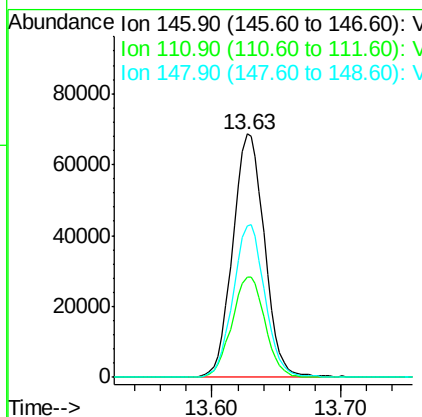
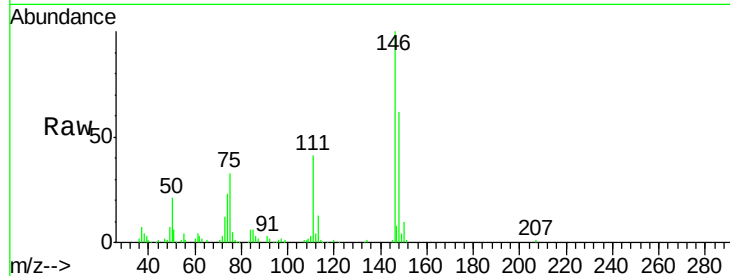
#91
 1,2-Dichlorobenzene
 Concen: 18.738 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN063963.D
 Acq: 8 Oct 2020 00:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1007WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.0	22.2	66.6
148	62.9	32.5	97.4

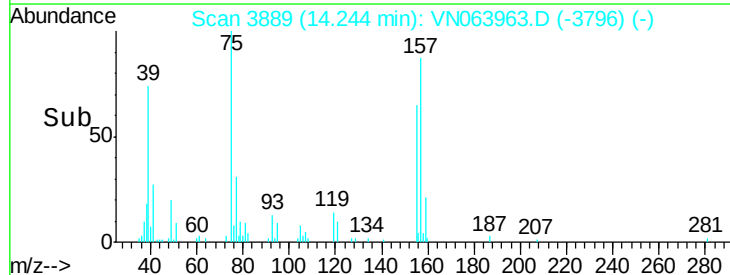
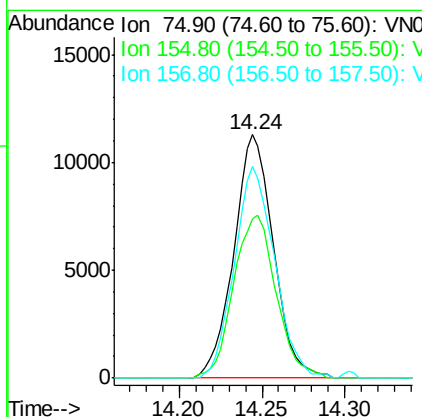
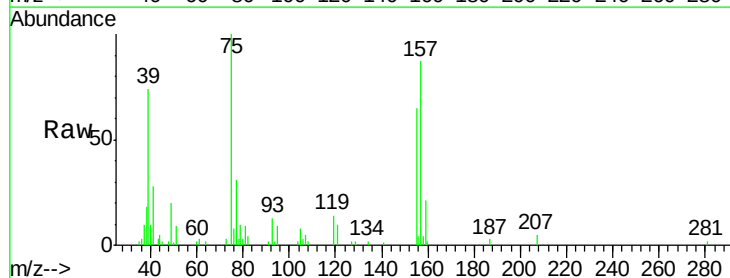
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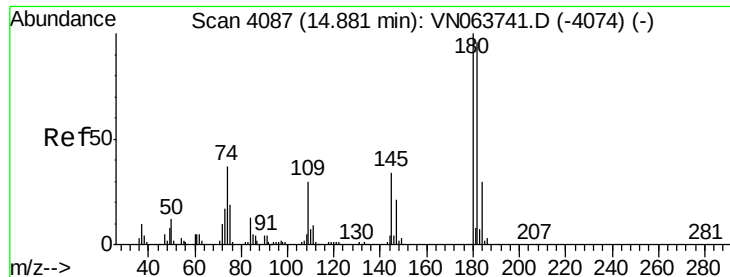
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 10/8/2020 10:09:38 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.347 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN063963.D
 Acq: 8 Oct 2020 00:53

Tgt Ion	Ratio	Lower	Upper
75	100		
155	71.6	34.8	104.5
157	88.6	43.7	131.1





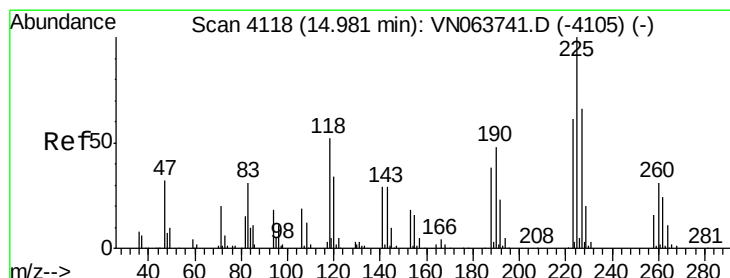
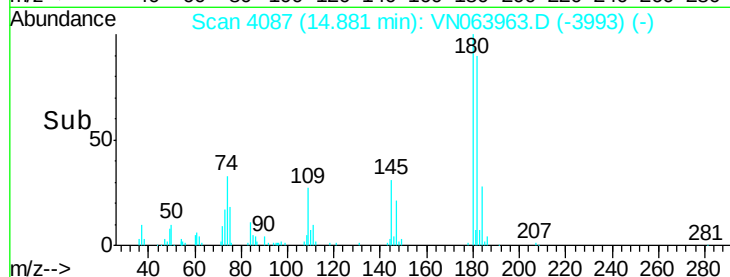
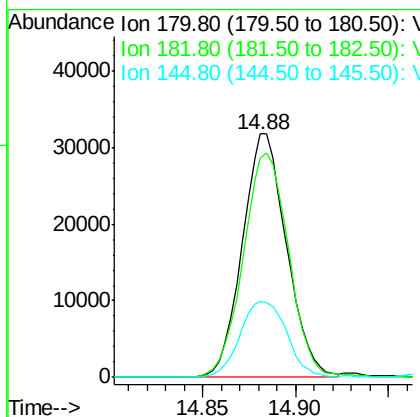
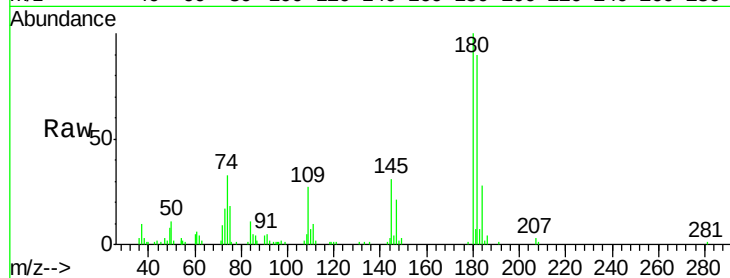
#93
 1,2,4-Trichlorobenzene
 Concen: 16.604 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN063963.D
 Acq: 8 Oct 2020 00:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1007WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	52496		
182	94.8		48.2	144.6
145	32.9		17.1	51.2

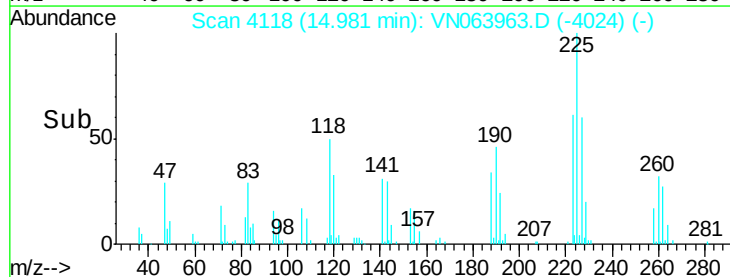
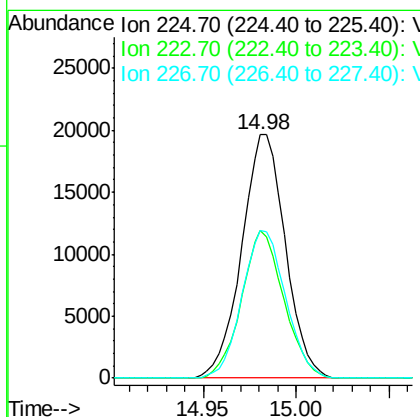
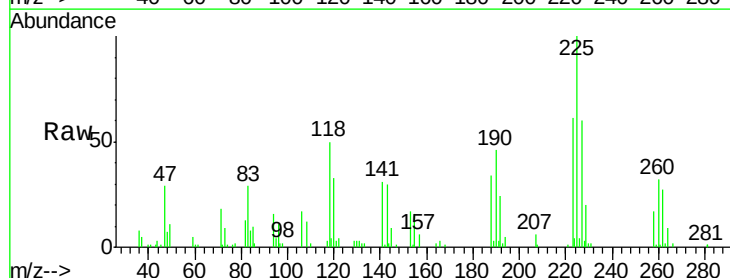
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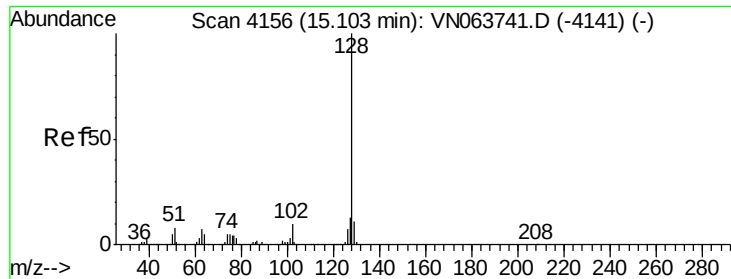
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#94
 Hexachlorobutadiene
 Concen: 19.009 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN063963.D
 Acq: 8 Oct 2020 00:53

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	32235		
223	58.6		30.3	91.0
227	60.3		31.9	95.5





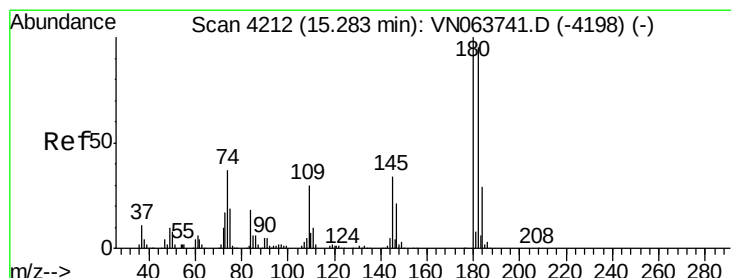
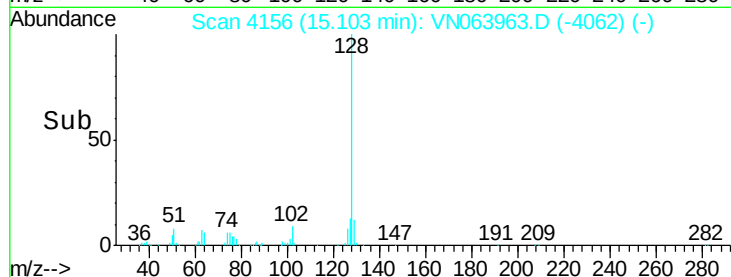
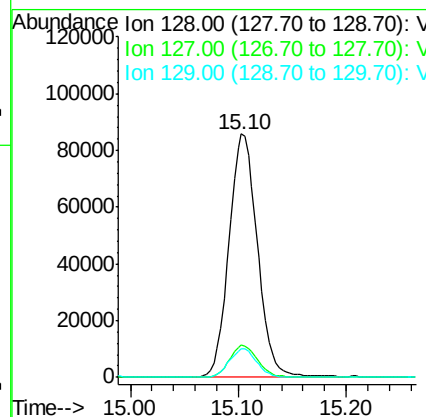
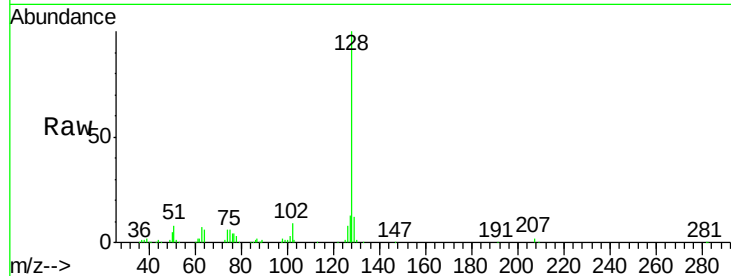
#95
Naphthalene
Concen: 16.342 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN063963.D
Acq: 8 Oct 2020 00:53

Instrument :
MSVOA_N
ClientSampleId :
VN1007WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
128	100	158131		
127	13.0		10.5	15.7
129	11.3		8.7	13.1

Manual Integrations
APPROVED

MMDadoda
10/8/2020 10:09:38 AM



#96
1,2,3-Trichlorobenzene
Concen: 17.347 ug/l
RT: 15.29 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN063963.D
Acq: 8 Oct 2020 00:53

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	53850		
182	94.8		47.9	143.6
145	33.5		17.2	51.5

