

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032420\
 Data File : VN060664.D
 Acq On : 24 Mar 2020 12:01
 Operator : JC/MD
 Sample : VN0324WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0324WBS01

Manual Integrations
 APPROVED

MMDadoda
 3/25/2020 10:20:14 PM

Quant Time: Mar 25 08:57:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	201354	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	330779	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	299556	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	139358	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	135107	48.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.76%	
35) Dibromofluoromethane	7.56	113	99748	49.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.74%	
50) Toluene-d8	10.08	98	405832	49.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.36%	
62) 4-Bromofluorobenzene	12.39	95	145541	48.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	39266	20.154	ug/l	100
3) Chloromethane	2.04	50	65665	18.046	ug/l	99
4) Vinyl Chloride	2.16	62	53459	18.783	ug/l	100
5) Bromomethane	2.55	94	25441	20.707	ug/l	99
6) Chloroethane	2.68	64	31981	19.507	ug/l	99
7) Trichlorofluoromethane	3.00	101	68846	19.637	ug/l	99
8) Diethyl Ether	3.38	74	28269	20.072	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.73	101	40781	20.074	ug/l	98
10) Methyl Iodide	3.92	142	35814	19.812	ug/l	100
11) Tert butyl alcohol	4.72	59	41253	101.479	ug/l	99
12) 1,1-Dichloroethene	3.71	96	42281	19.395	ug/l	96
13) Acrolein	3.57	56	49478	109.819	ug/l	99
14) Allyl chloride	4.29	41	73050	19.052	ug/l	99
15) Acrylonitrile	4.94	53	115619	96.720	ug/l	99
16) Acetone	3.77	43	119860	122.417	ug/l	97
17) Carbon Disulfide	4.03	76	126068	19.014	ug/l	99
18) Methyl Acetate	4.28	43	54739	19.862	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	143933	19.203	ug/l	99
20) Methylene Chloride	4.52	84	46676	19.379	ug/l	95
21) trans-1,2-Dichloroethene	5.00	96	45451	19.562	ug/l	98
22) Diisopropyl ether	5.91	45	163029	20.126	ug/l	98
23) Vinyl Acetate	5.85	43	654196	98.981	ug/l	99
24) 1,1-Dichloroethane	5.81	63	87091	19.722	ug/l	99
25) 2-Butanone	6.79	43	162613	102.636	ug/l	99
26) 2,2-Dichloropropane	6.79	77	75046	21.599	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	52080	19.725	ug/l	100
28) Bromochloromethane	7.17	49	42194	19.971	ug/l	100
29) Tetrahydrofuran	7.18	42	106478	94.984	ug/l	99
30) Chloroform	7.34	83	83164	19.645	ug/l	100
31) Cyclohexane	7.63	56	85697	19.249	ug/l	95
32) 1,1,1-Trichloroethane	7.54	97	72031	19.737	ug/l	99
36) 1,1-Dichloropropene	7.77	75	64632	20.179	ug/l	99
37) Ethyl Acetate	6.89	43	65046	18.795	ug/l	98
38) Carbon Tetrachloride	7.75	117	56097	19.541	ug/l	99

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 3/25/2020 10:20:14 PM

Quant Time: Mar 25 08:57:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	76960	20.219	ug/l	98
40) Benzene	8.02	78	194920	20.159	ug/l	100
41) Methacrylonitrile	7.14	41	29072m	19.683	ug/l	
42) 1,2-Dichloroethane	8.10	62	67273	20.359	ug/l	100
43) Isopropyl Acetate	8.14	43	112218	19.661	ug/l	99
44) Trichloroethene	8.81	130	50350	20.657	ug/l	99
45) 1,2-Dichloropropane	9.10	63	51428	20.157	ug/l	98
46) Dibromomethane	9.19	93	31342	20.320	ug/l	98
47) Bromodichloromethane	9.38	83	63244	19.732	ug/l	99
48) Methyl methacrylate	9.18	41	48081	18.921	ug/l	99
49) 1,4-Dioxane	9.18	88	15502	513.222	ug/l	96
51) 4-Methyl-2-Pentanone	9.97	43	322041	99.153	ug/l	99
52) Toluene	10.14	92	116413	19.936	ug/l	98
53) t-1,3-Dichloropropene	10.37	75	74740	20.300	ug/l	98
54) cis-1,3-Dichloropropene	9.82	75	82789	20.497	ug/l	97
55) 1,1,2-Trichloroethane	10.55	97	44266	19.704	ug/l	98
56) Ethyl methacrylate	10.42	69	67160	19.173	ug/l	97
57) 1,3-Dichloropropane	10.70	76	79310	20.344	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	174723	100.361	ug/l	99
59) 2-Hexanone	10.74	43	234809	100.361	ug/l	99
60) Dibromochloromethane	10.89	129	45860	19.763	ug/l	99
61) 1,2-Dibromoethane	10.99	107	44687	19.782	ug/l	99
64) Tetrachloroethene	10.62	164	48607	20.620	ug/l	98
65) Chlorobenzene	11.42	112	118889	20.020	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.50	131	42657	19.840	ug/l	99
67) Ethyl Benzene	11.50	91	224509	20.330	ug/l	98
68) m/p-Xylenes	11.61	106	163600	39.866	ug/l	99
69) o-Xylene	11.94	106	80070	20.439	ug/l	100
70) Styrene	11.96	104	126159	19.690	ug/l	100
71) Bromoform	12.12	173	31523	18.728	ug/l #	98
73) Isopropylbenzene	12.24	105	211036	20.179	ug/l	100
74) N-amyl acetate	12.06	43	92440	19.128	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	61732	19.519	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	56211m	18.693	ug/l	
77) Bromobenzene	12.52	156	49604	19.684	ug/l	99
78) n-propylbenzene	12.59	91	248716	20.130	ug/l	100
79) 2-Chlorotoluene	12.67	91	145377	19.692	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	178499	20.112	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	23037	19.676	ug/l	98
82) 4-Chlorotoluene	12.77	91	151711	20.177	ug/l	99
83) tert-Butylbenzene	12.99	119	147408	20.036	ug/l	98
84) 1,2,4-Trimethylbenzene	13.03	105	177285	20.191	ug/l	100
85) sec-Butylbenzene	13.17	105	197285	19.941	ug/l	99
86) p-Isopropyltoluene	13.28	119	178182	20.029	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	89853	20.216	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	87482	19.591	ug/l	98
89) n-Butylbenzene	13.61	91	161282	20.080	ug/l	100
90) Hexachloroethane	13.87	117	23456	18.139	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	85804	20.189	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.26	75	12254	18.329	ug/l	96

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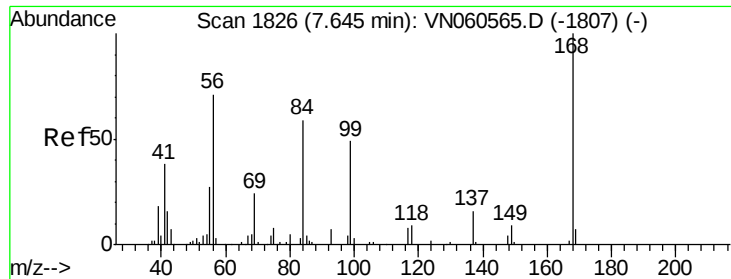
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	52126	19.973	ug/l	100
94) Hexachlorobutadiene	15.01	225	26170	20.455	ug/l	98
95) Naphthalene	15.13	128	153015	19.492	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	50342	19.583	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. -0.01 min

Lab File: VN060664.D

Acq: 24 Mar 2020 12:01

Instrument :

MSVOA_N

ClientSampleId :

VN0324WBS01

Tot Ion:168 Resp: 201354

Ion Ratio Lower Upper

168 100

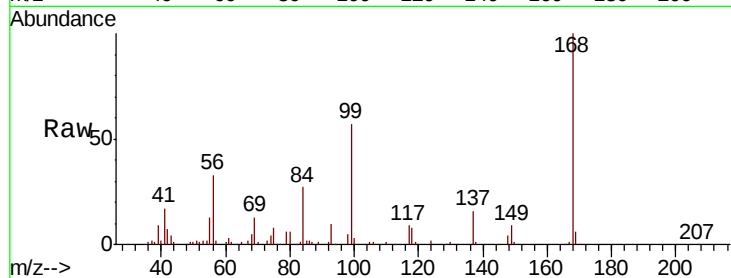
99 56.7 44.0 66.0

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): V

7.64

80000

60000

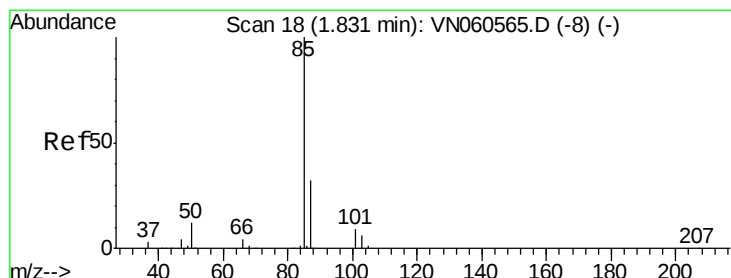
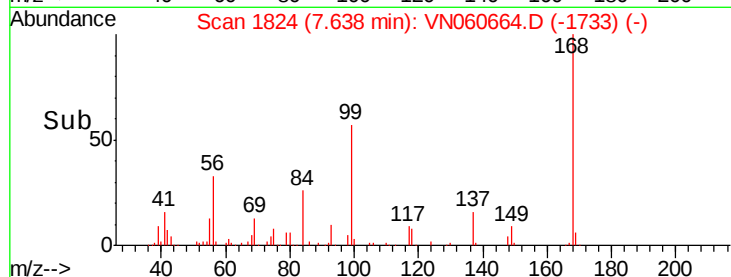
40000

20000

0

7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 20.154 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN060664.D

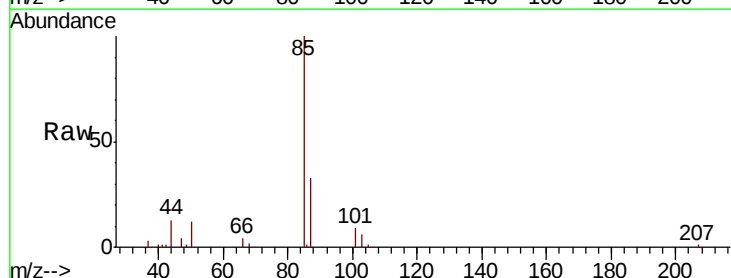
Acq: 24 Mar 2020 12:01

Tgt Ion: 85 Resp: 39266

Ion Ratio Lower Upper

85 100

87 32.5 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): V

Ion 86.90 (86.60 to 87.60): V

1.83

30000

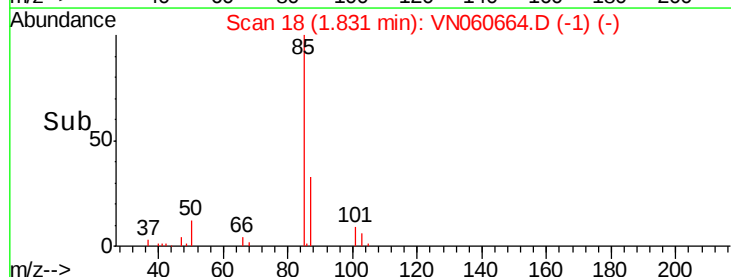
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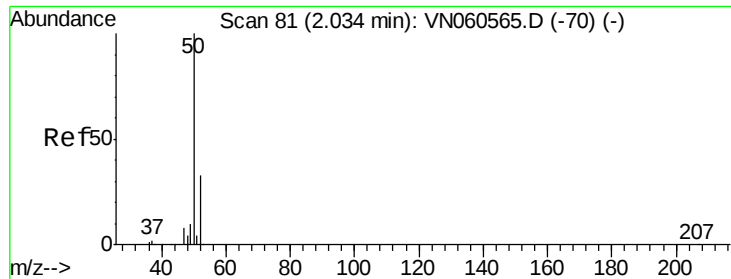
10000

0

1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 18.046 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN060664.D

Acq: 24 Mar 2020 12:01

Instrument :

MSVOA_N

ClientSampleId :

VN0324WBS01

Tot Ion: 50 Resp: 65665

Ion Ratio Lower Upper

50 100

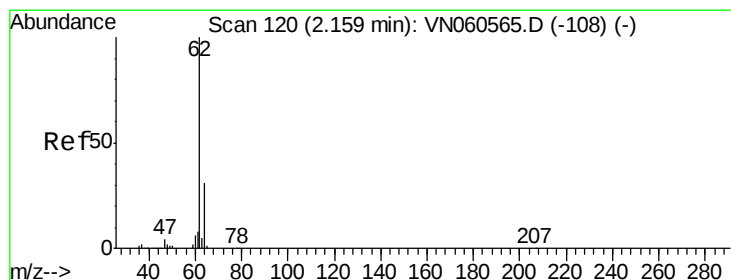
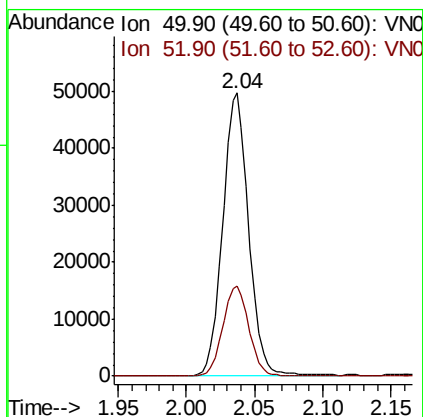
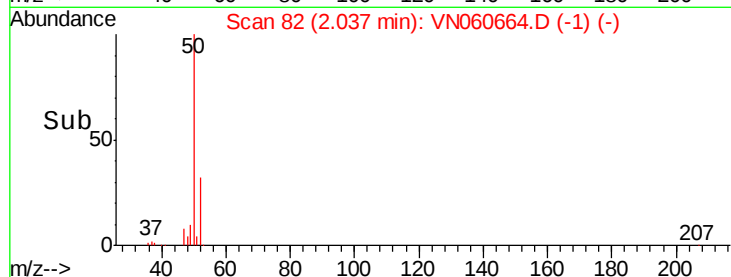
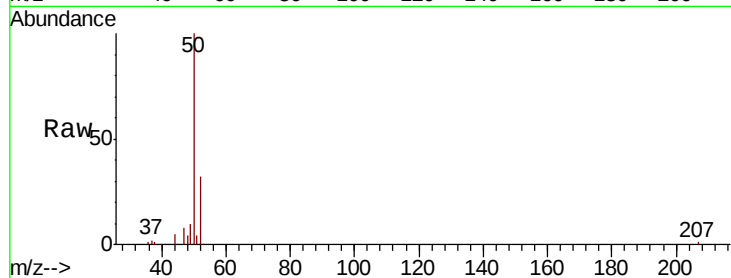
52 31.9 26.2 39.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.783 ug/l

RT: 2.16 min Scan# 121

Delta R.T. 0.00 min

Lab File: VN060664.D

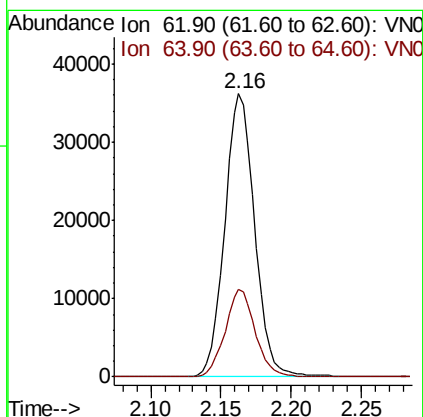
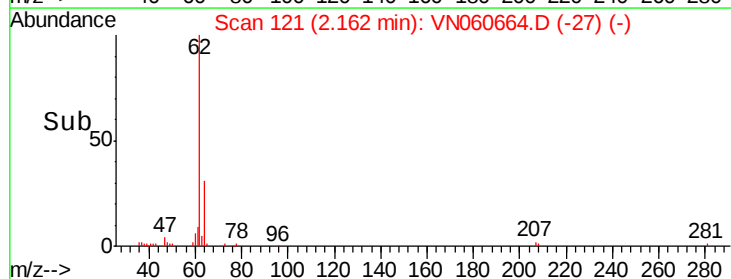
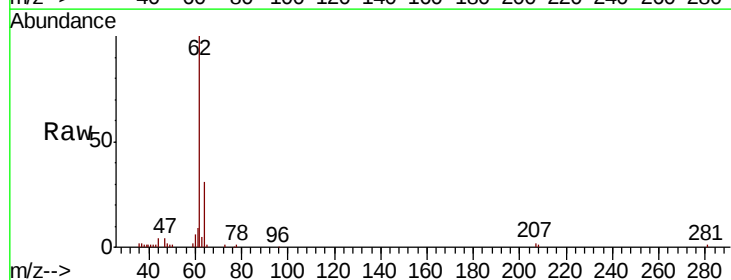
Acq: 24 Mar 2020 12:01

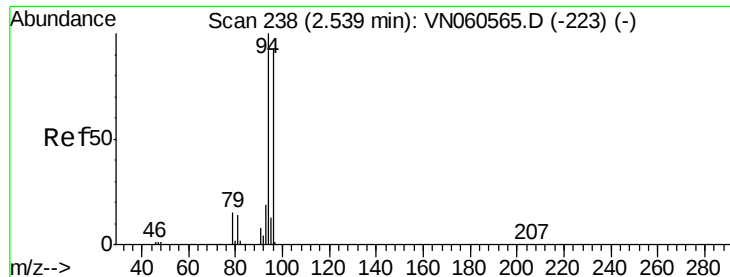
Tgt Ion: 62 Resp: 53459

Ion Ratio Lower Upper

62 100

64 31.0 24.7 37.1





#5

Bromomethane

Concen: 20.707 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.01 min

Lab File: VN060664.D

Acq: 24 Mar 2020 12:01

Instrument :

MSVOA_N

ClientSampleId :

VN0324WBS01

Tot Ion: 94 Resp: 25441

Ion Ratio Lower Upper

94 100

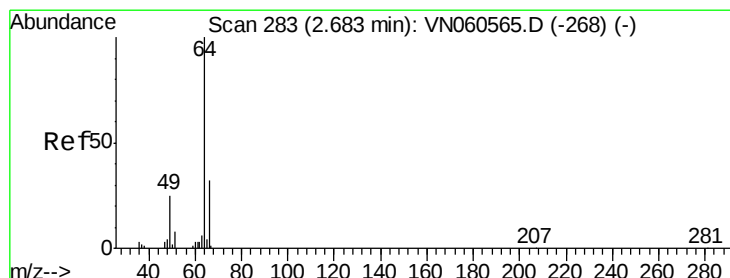
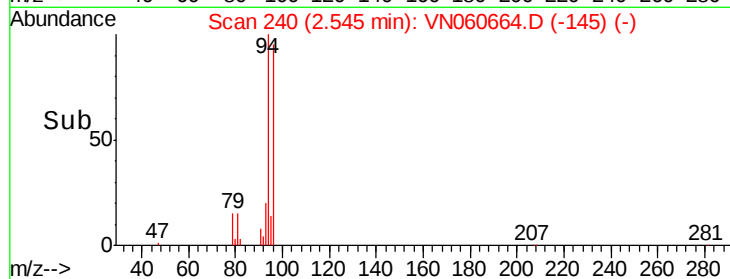
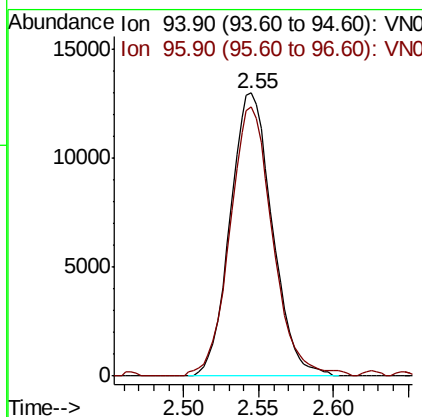
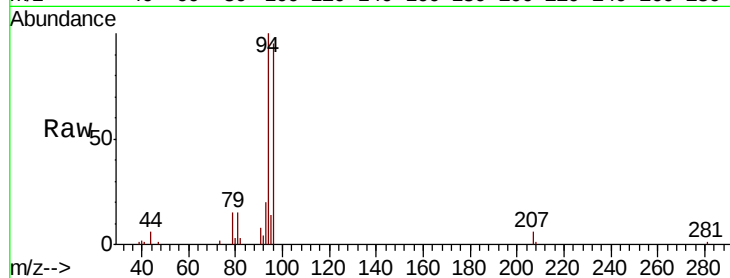
96 94.0 74.6 112.0

Manual Integrations

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#6

Chloroethane

Concen: 19.507 ug/l

RT: 2.68 min Scan# 283

Delta R.T. -0.00 min

Lab File: VN060664.D

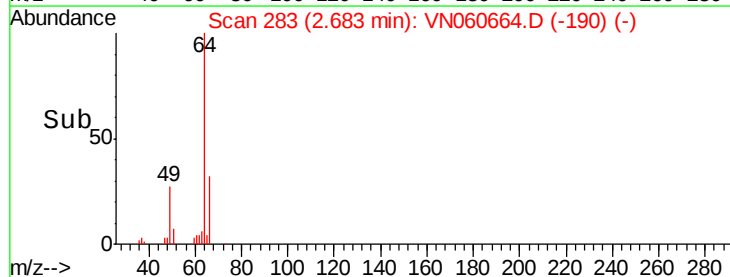
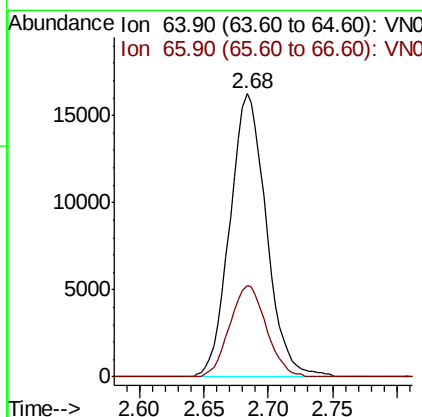
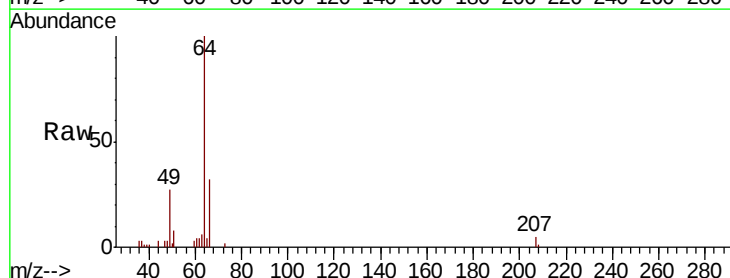
Acq: 24 Mar 2020 12:01

Tgt Ion: 64 Resp: 31981

Ion Ratio Lower Upper

64 100

66 32.3 25.3 37.9





#7

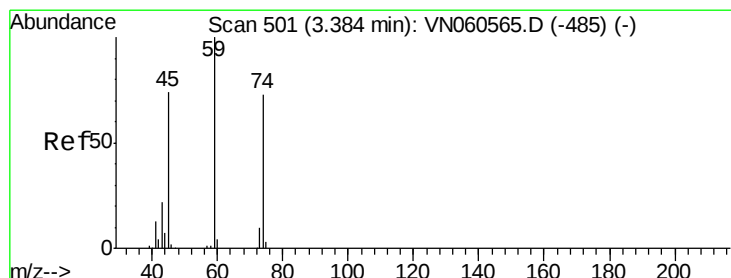
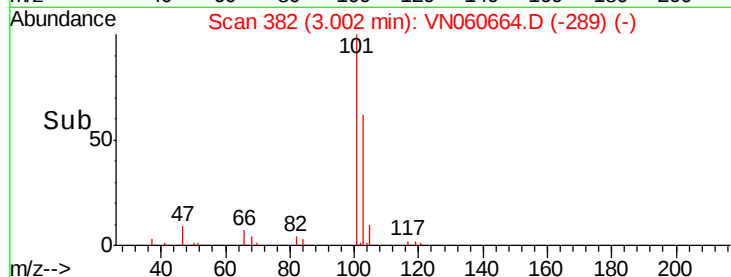
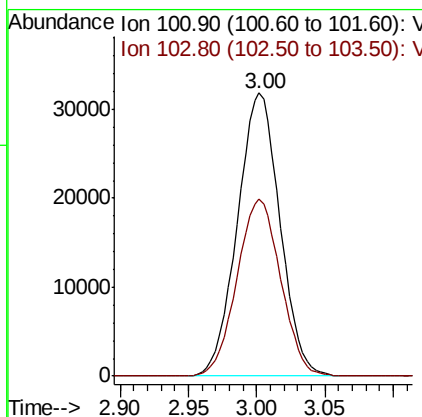
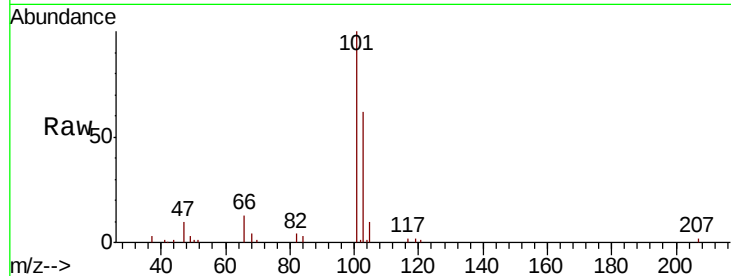
Trichlorofluoromethane
 Concen: 19.637 ug/l
 RT: 3.00 min Scan# 382
 Delta R.T. -0.00 min
 Lab File: VN060664.D
 Acq: 24 Mar 2020 12:01

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 VN0324WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.5	50.6	76.0

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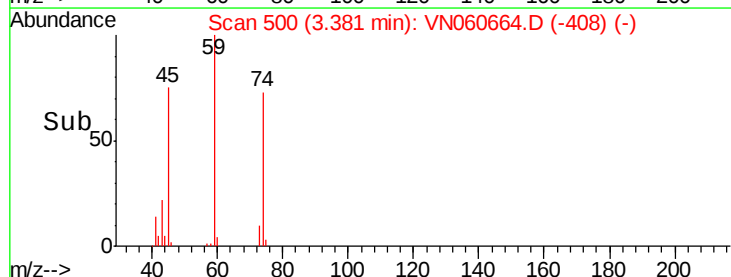
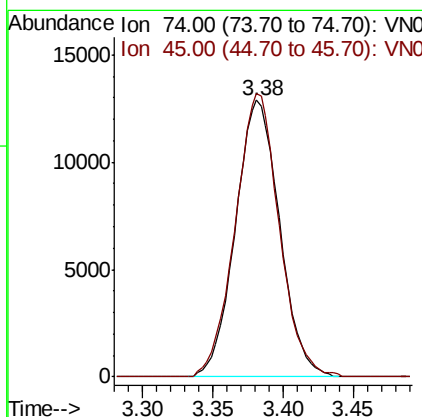
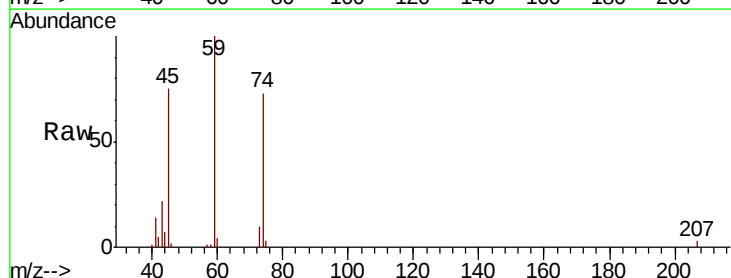
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 3/25/2020 10:20:14 PM



#8

Diethyl Ether
 Concen: 20.072 ug/l
 RT: 3.38 min Scan# 500
 Delta R.T. -0.00 min
 Lab File: VN060664.D
 Acq: 24 Mar 2020 12:01

Tgt Ion	Ratio	Lower	Upper
74	100		
45	101.9	51.3	153.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.074 ug/l

RT: 3.73 min Scan# 609

Delta R.T. -0.00 min

Lab File: VN060664.D

Acq: 24 Mar 2020 12:01

Instrument :

MSVOA_N

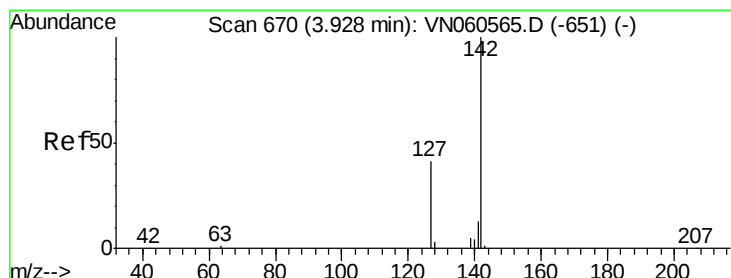
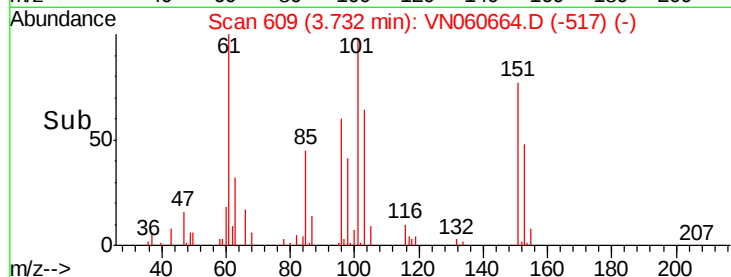
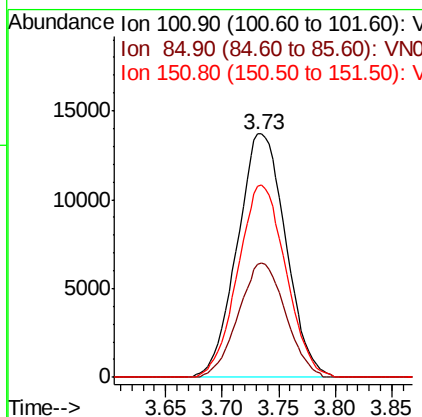
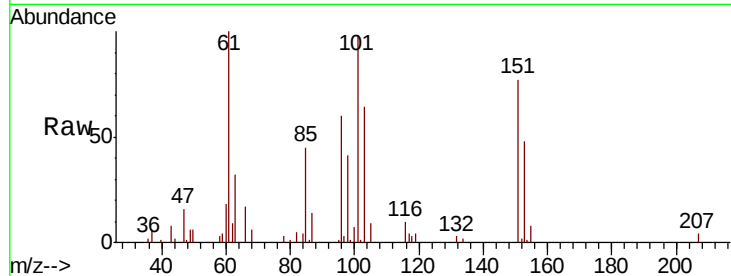
ClientSampled :

VN0324WBS01

Tot Ion:	101	Resp:	40781
Ion Ratio	Lower	Upper	
101	100		
85	45.7	35.6	53.4
151	78.5	61.4	92.2

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#10

Methyl Iodide

Concen: 19.812 ug/l

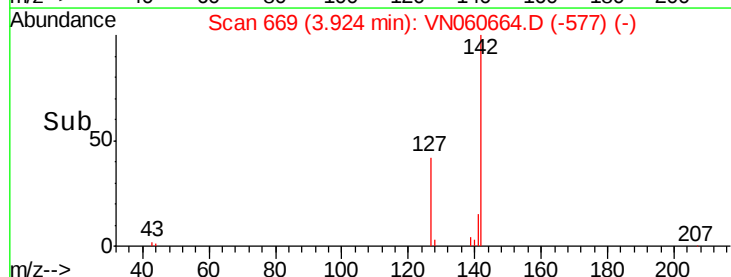
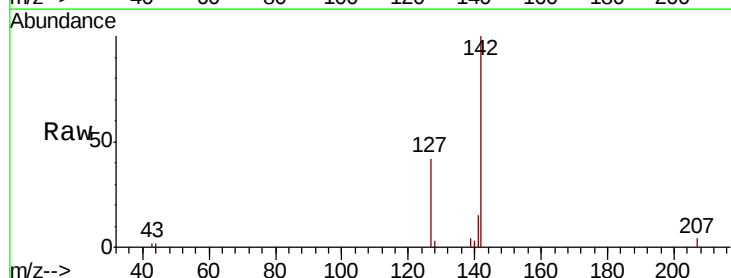
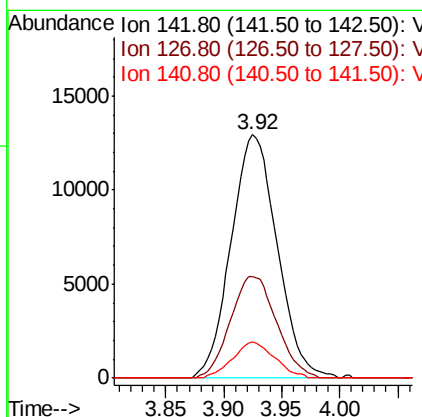
RT: 3.92 min Scan# 669

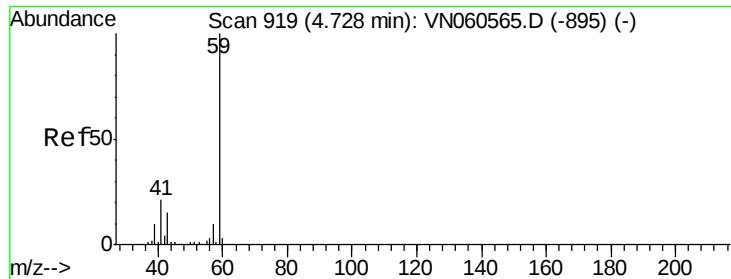
Delta R.T. -0.00 min

Lab File: VN060664.D

Acq: 24 Mar 2020 12:01

Tgt Ion:	142	Resp:	35814
Ion Ratio	Lower	Upper	
142	100		
127	41.8	33.5	50.3
141	13.6	11.0	16.6





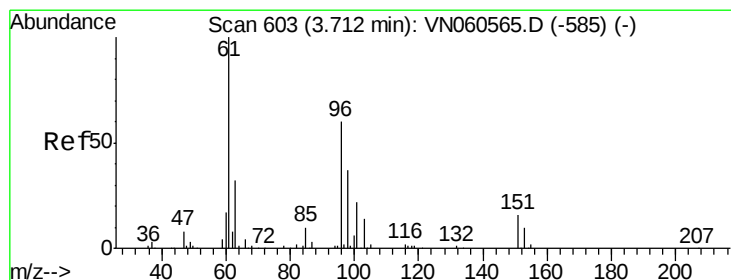
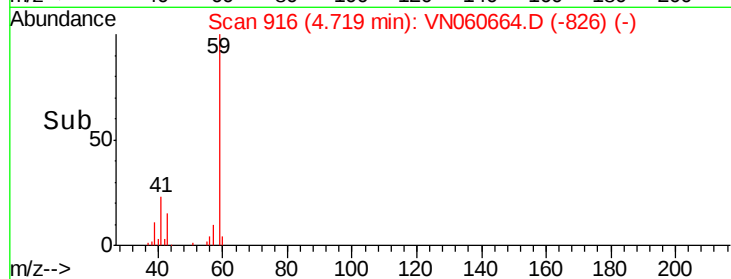
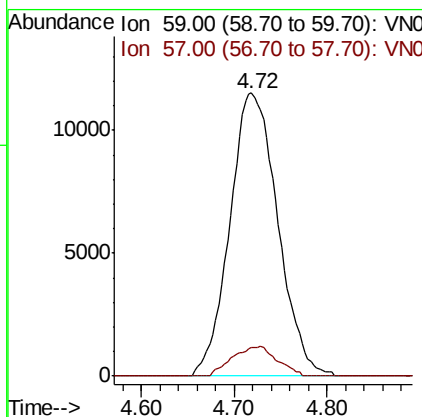
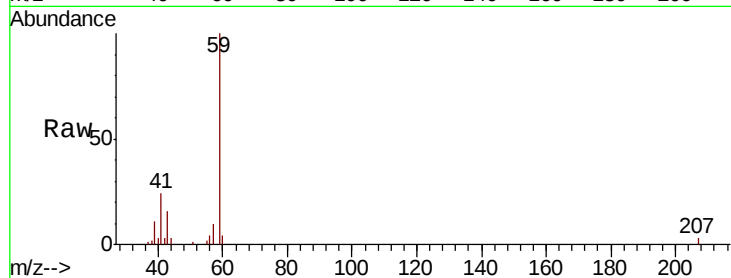
#11
Tert butyl alcohol
Concen: 101.479 ug/l
RT: 4.72 min Scan# 916
Delta R.T. -0.01 min
Lab File: VN060664.D
Acq: 24 Mar 2020 12:01

Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01

Tot Ion: 59 Resp: 41253
Ion Ratio Lower Upper
59 100
57 9.9 8.2 12.4

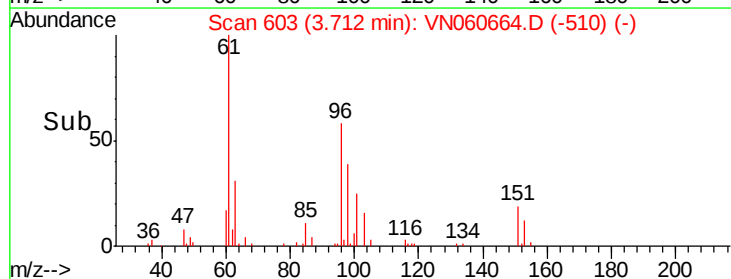
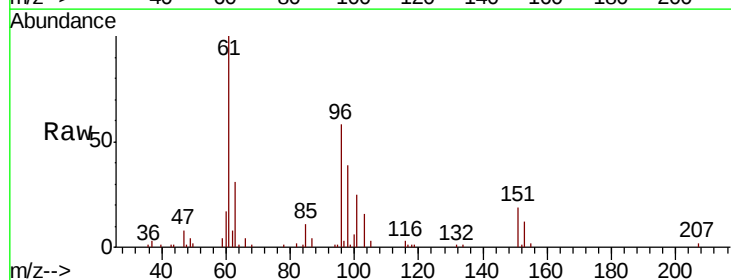
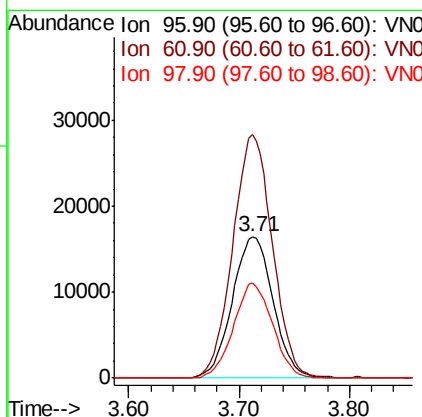
Manual Integrations
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#12
1,1-Dichloroethene
Concen: 19.395 ug/l
RT: 3.71 min Scan# 603
Delta R.T. -0.00 min
Lab File: VN060664.D
Acq: 24 Mar 2020 12:01

Tgt Ion: 96 Resp: 42281
Ion Ratio Lower Upper
96 100
61 171.8 134.1 201.1
98 67.1 49.9 74.9





#13

Acrolein

Concen: 109.819 ug/l

RT: 3.57 min Scan# 560

Delta R.T. -0.00 min

Lab File: VN060664.D

Acq: 24 Mar 2020 12:01

Instrument :

MSVOA_N

ClientSampleId :

VN0324WBS01

Tot Ion: 56 Resp: 49478

Ion Ratio Lower Upper

56 100

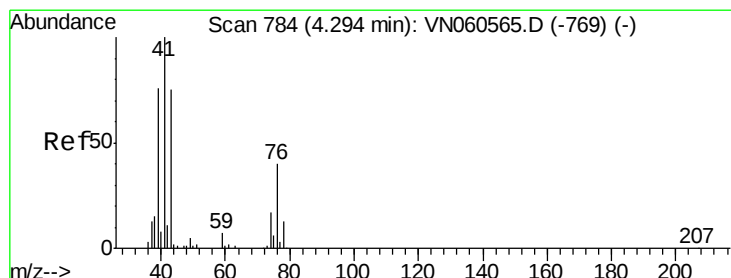
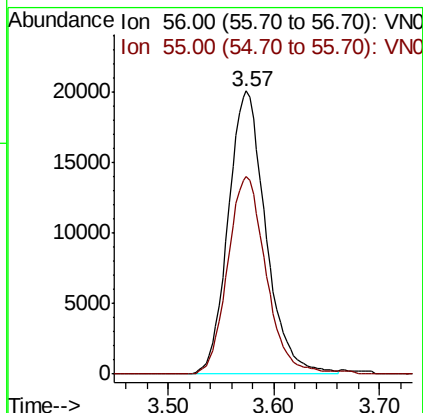
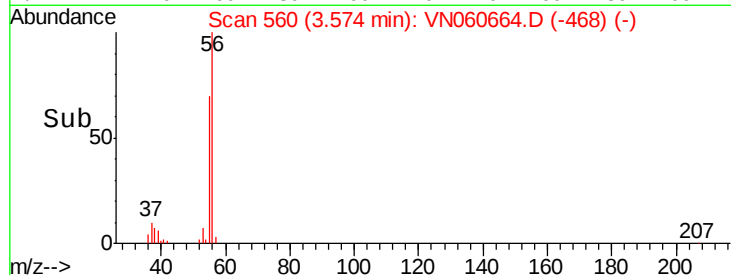
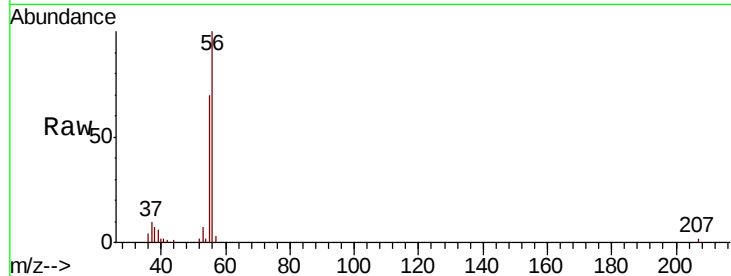
55 71.6 56.7 85.1

Manual Integrations

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#14

Allyl chloride

Concen: 19.052 ug/l

RT: 4.29 min Scan# 782

Delta R.T. -0.01 min

Lab File: VN060664.D

Acq: 24 Mar 2020 12:01

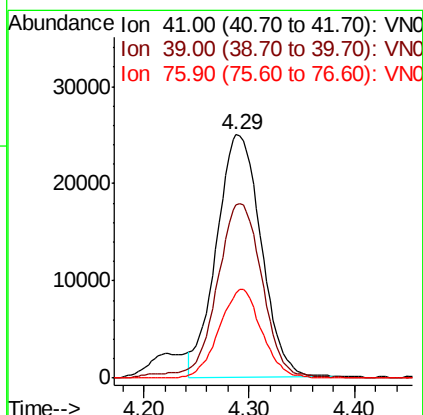
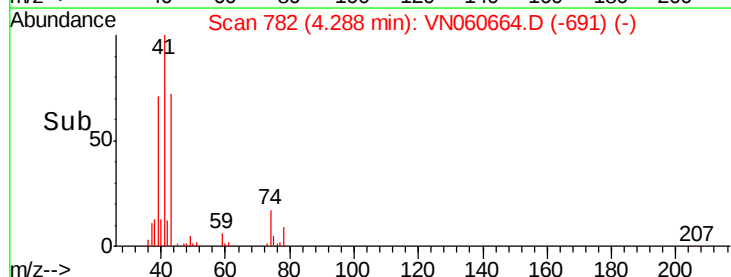
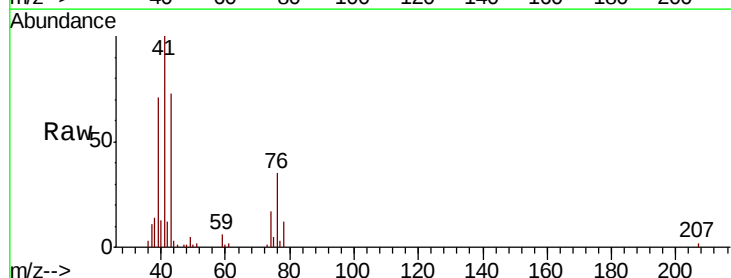
Tgt Ion: 41 Resp: 73050

Ion Ratio Lower Upper

41 100

39 72.8 57.8 86.8

76 35.0 28.6 43.0





#15

Acrylonitrile

Concen: 96.720 ug/l

RT: 4.94 min Scan# 984

Delta R.T. -0.01 min

Lab File: VN060664.D

Acq: 24 Mar 2020 12:01

Instrument :

MSVOA_N

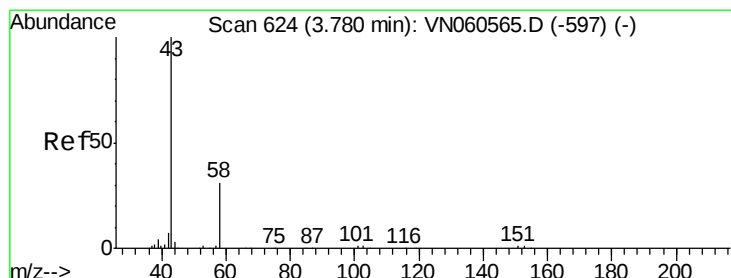
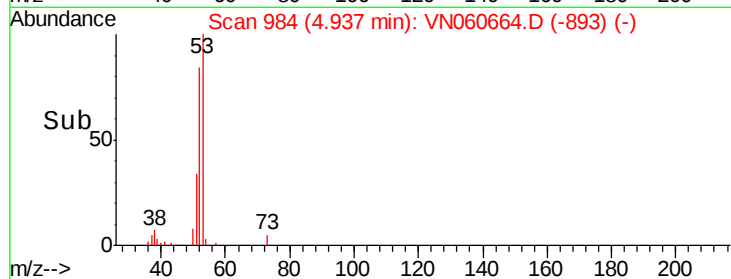
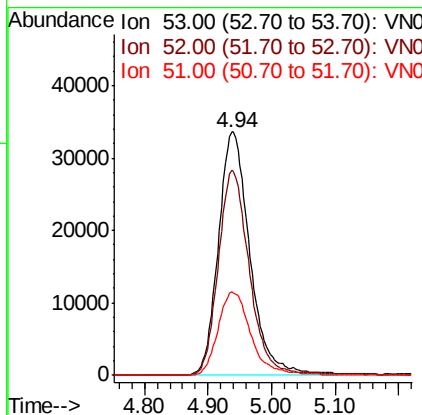
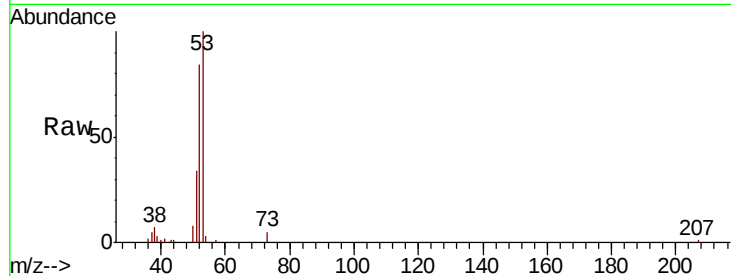
ClientSampleId :

VN0324WBS01

Tot Ion:	53	Resp:	115619
Ion	Ratio	Lower	Upper
53	100		
52	82.1	66.2	99.4
51	35.4	28.7	43.1

Manual Integrations
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#16

Acetone

Concen: 122.417 ug/l

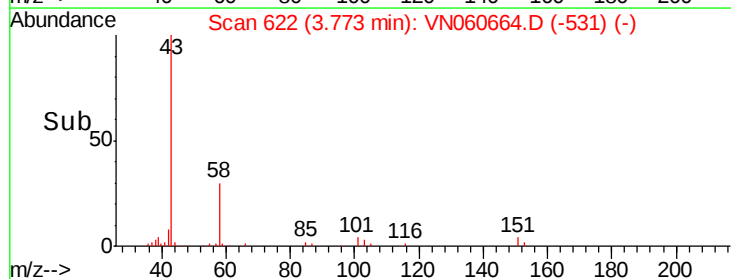
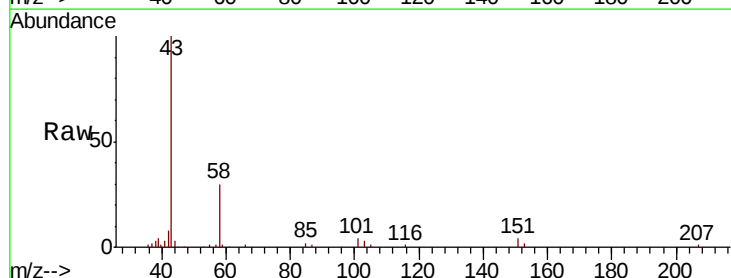
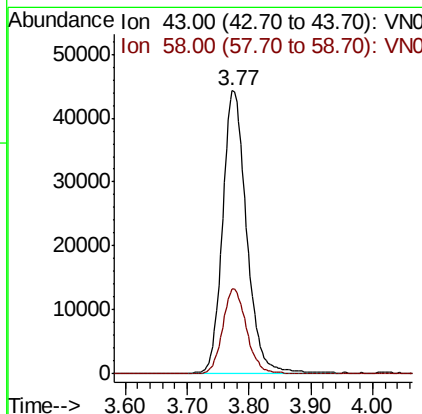
RT: 3.77 min Scan# 622

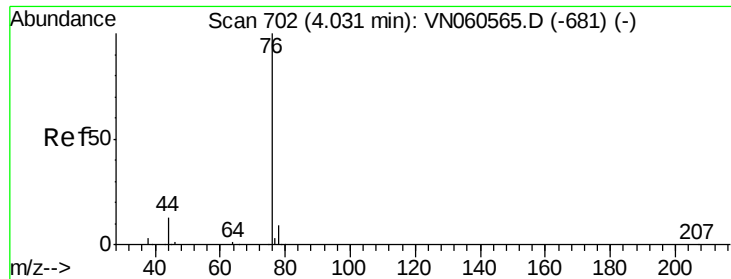
Delta R.T. -0.01 min

Lab File: VN060664.D

Acq: 24 Mar 2020 12:01

Tgt Ion:	43	Resp:	119860
Ion	Ratio	Lower	Upper
43	100		
58	29.9	25.1	37.7





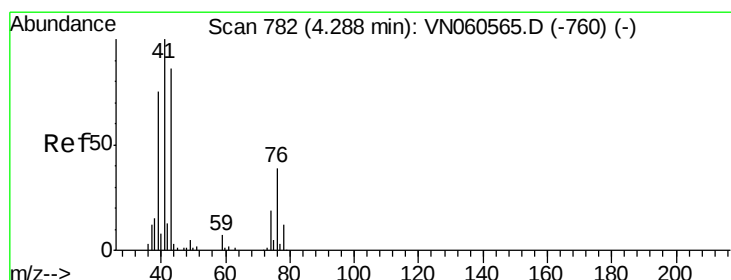
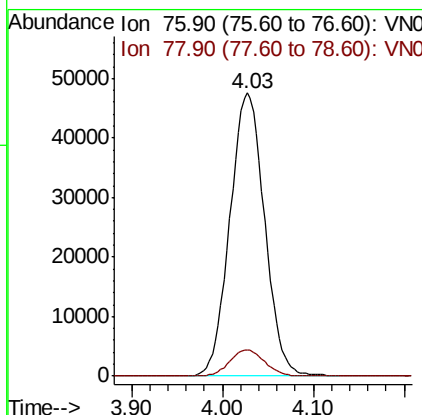
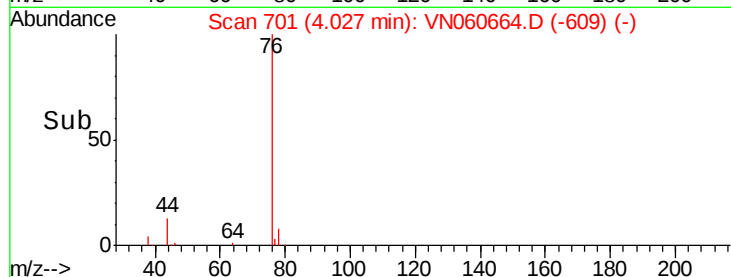
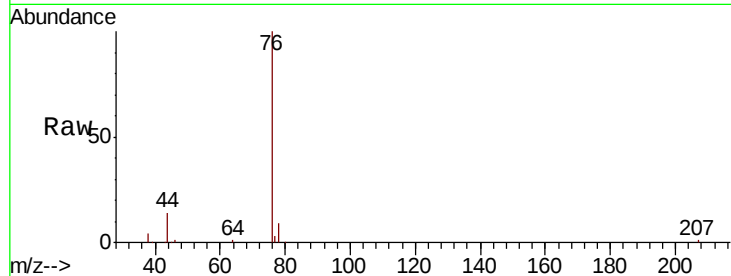
#17
Carbon Disulfide
Concen: 19.014 ug/l
RT: 4.03 min Scan# 701
Delta R.T. -0.00 min
Lab File: VN060664.D
Acq: 24 Mar 2020 12:01

Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01

Tot Ion: 76 Resp: 126068
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8

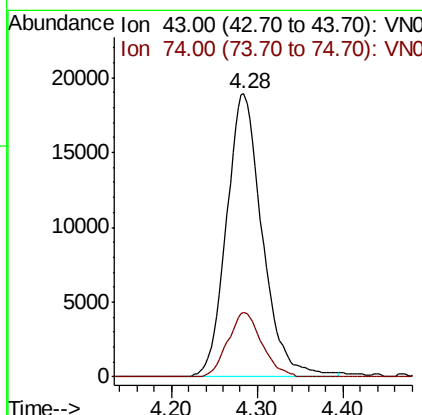
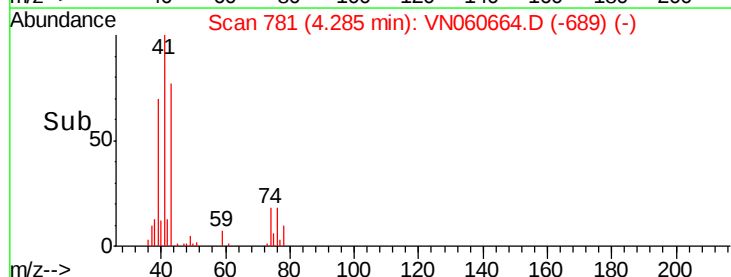
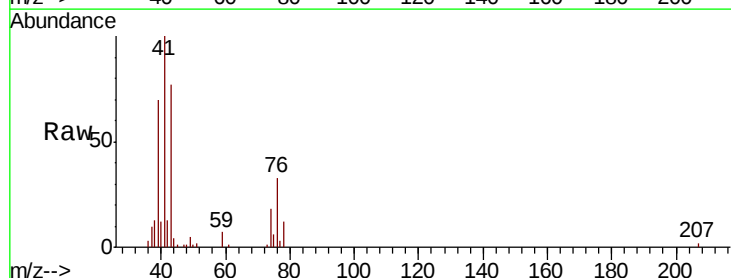
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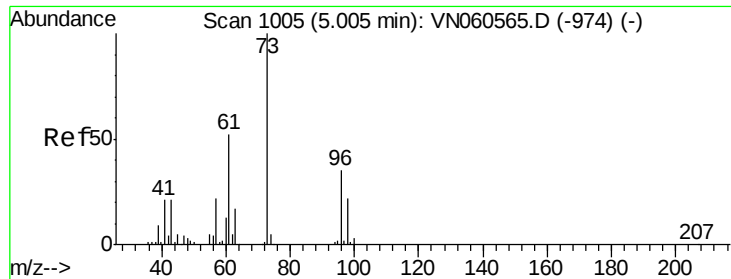
MMDadoda
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#18
Methyl Acetate
Concen: 19.862 ug/l
RT: 4.28 min Scan# 781
Delta R.T. -0.00 min
Lab File: VN060664.D
Acq: 24 Mar 2020 12:01

Tgt Ion: 43 Resp: 54739
Ion Ratio Lower Upper
43 100
74 21.6 17.5 26.3





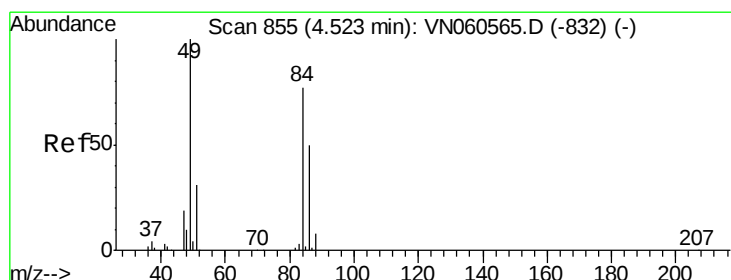
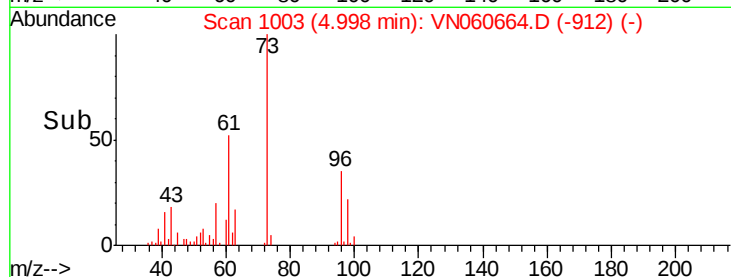
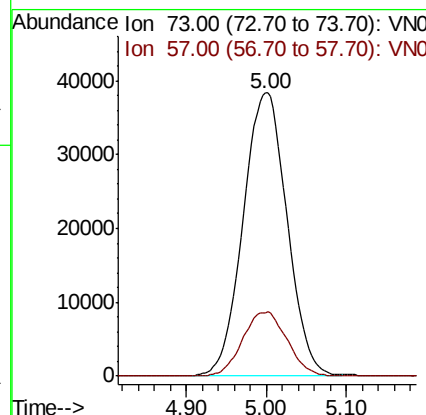
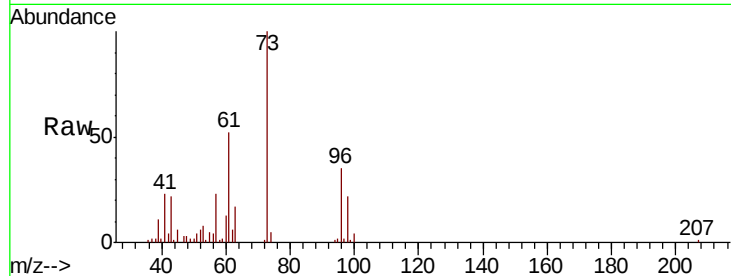
#19
Methvl tert-butvl Ether
Concen: 19.203 ug/l
RT: 5.00 min Scan# 1003
Delta R.T. -0.01 min
Lab File: VN060664.D
Acq: 24 Mar 2020 12:01

Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01

Tot Ion: 73 Resp: 143933
Ion Ratio Lower Upper
73 100
57 22.5 17.5 26.3

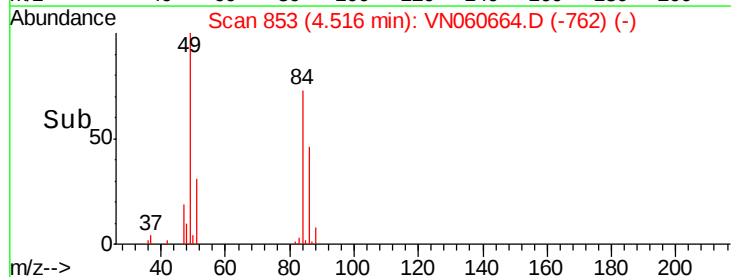
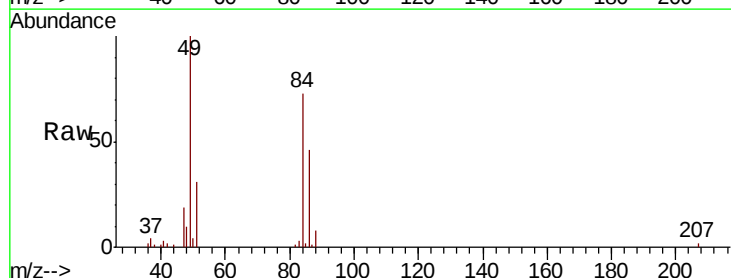
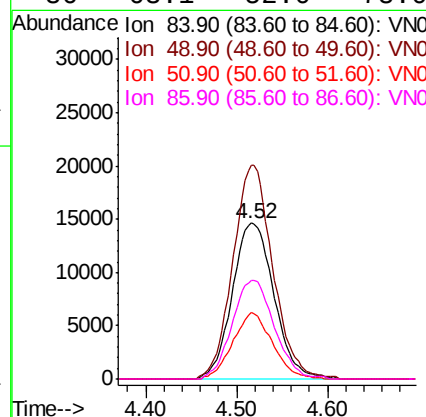
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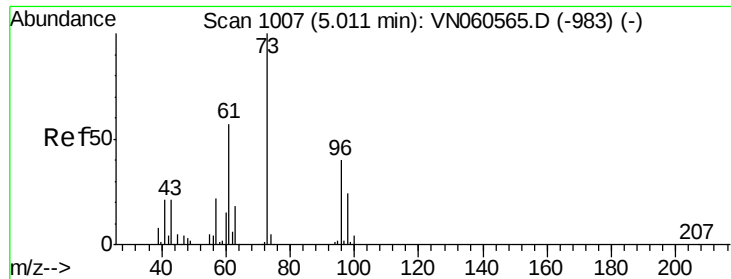
MMDadoda
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#20
Methylene Chloride
Concen: 19.379 ug/l
RT: 4.52 min Scan# 853
Delta R.T. -0.01 min
Lab File: VN060664.D
Acq: 24 Mar 2020 12:01

Tgt Ion: 84 Resp: 46676
Ion Ratio Lower Upper
84 100
49 137.3 103.3 154.9
51 42.8 31.6 47.4
86 63.1 52.0 78.0





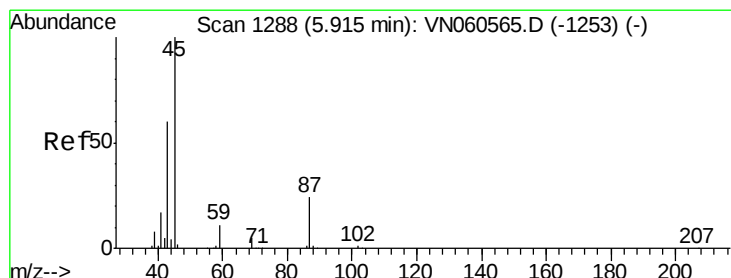
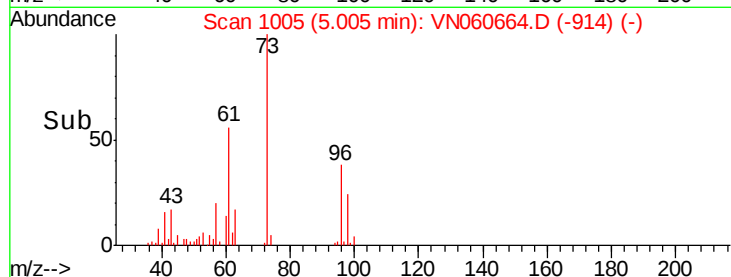
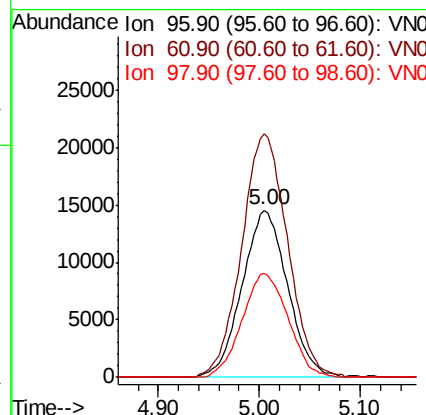
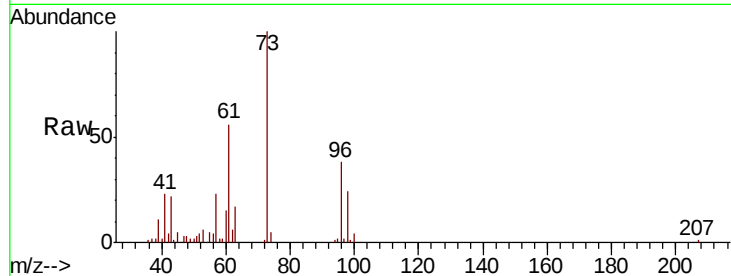
#21
trans-1,2-Dichloroethene
Concen: 19.562 ug/l
RT: 5.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: VN060664.D
Acq: 24 Mar 2020 12:01

Instrument :
MSVOA_N
ClientSampled :
VN0324WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	145.9	114.4	171.6
98	62.6	48.4	72.6

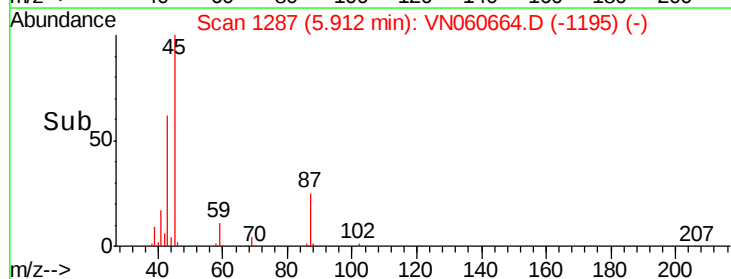
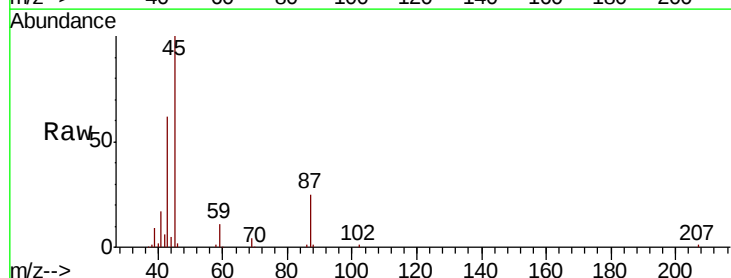
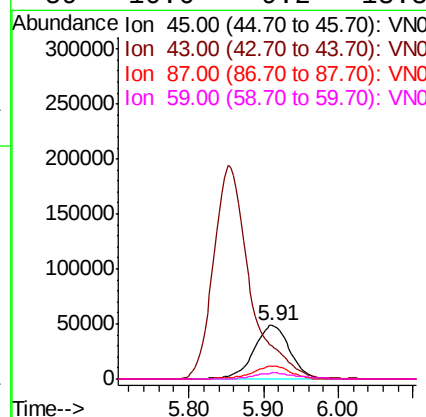
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#22
Diisopropyl ether
Concen: 20.126 ug/l
RT: 5.91 min Scan# 1287
Delta R.T. -0.00 min
Lab File: VN060664.D
Acq: 24 Mar 2020 12:01

Tgt Ion	Ratio	Lower	Upper
45	100		
43	60.4	49.8	74.8
87	25.2	20.1	30.1
59	10.6	9.2	13.8





#23

Vinyl Acetate

Concen: 98.981 ug/l

RT: 5.85 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VN060664.D

Acq: 24 Mar 2020 12:01

Instrument :

MSVOA_N

ClientSampled :

VN0324WBS01

Tot Ion: 43 Resp: 654196

Ion Ratio Lower Upper

43 100

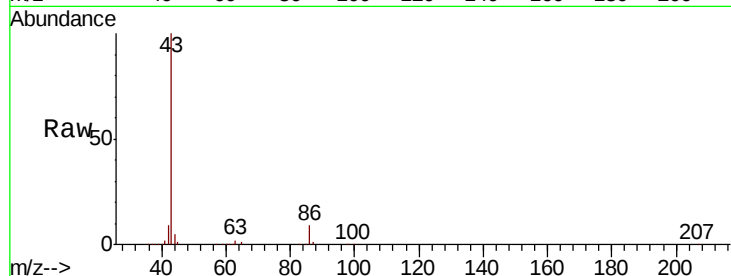
86 9.3 7.6 11.4

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VN060565.D (-1246) (-)

Ion 86.00 (85.70 to 86.70): VN060565.D (-1246) (-)

5.85

200000

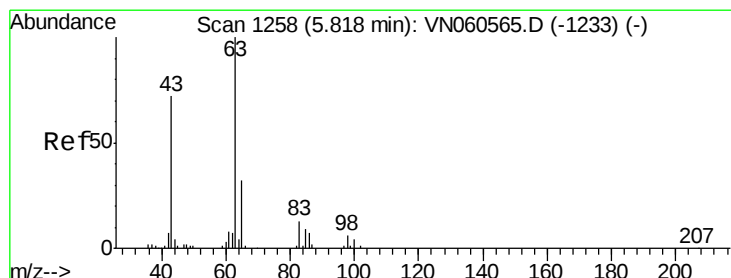
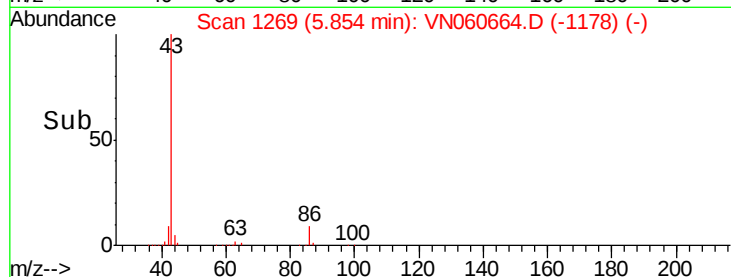
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 19.722 ug/l

RT: 5.81 min Scan# 1256

Delta R.T. -0.01 min

Lab File: VN060664.D

Acq: 24 Mar 2020 12:01

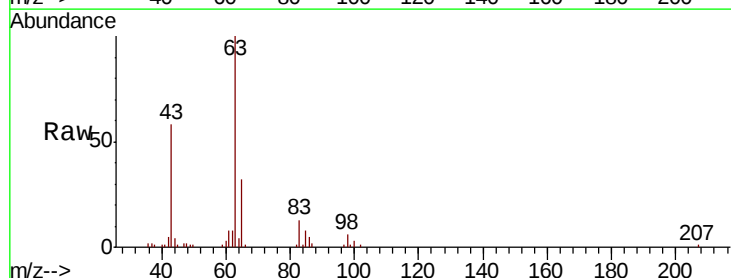
Tgt Ion: 63 Resp: 87091

Ion Ratio Lower Upper

63 100

98 6.3 2.9 8.7

100 3.5 1.8 5.5



Abundance Ion 62.90 (62.60 to 63.60): VN060565.D (-1233) (-)

Ion 97.90 (97.60 to 98.60): VN060565.D (-1233) (-)

Ion 99.90 (99.60 to 100.60): VN060565.D (-1233) (-)

5.81

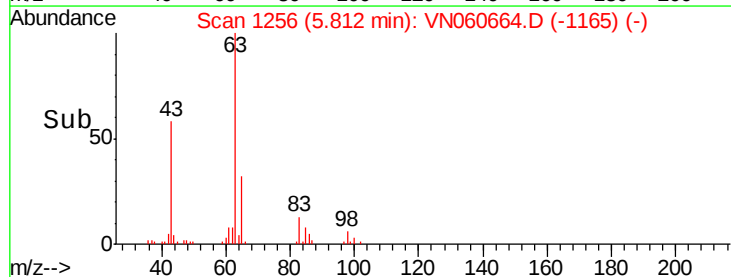
30000

20000

10000

0

Time-->





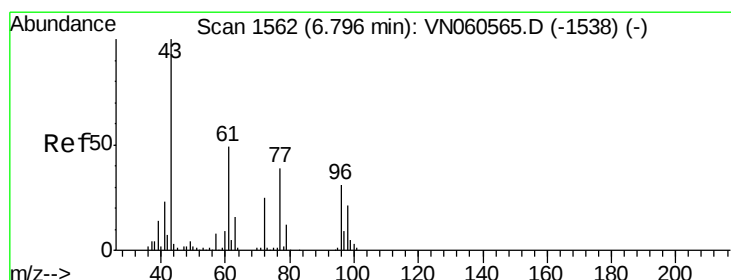
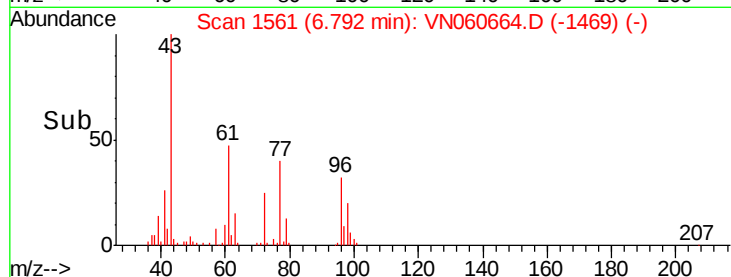
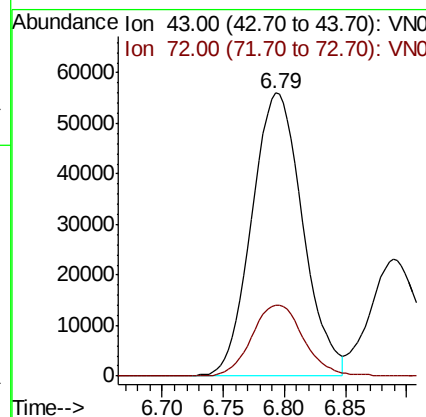
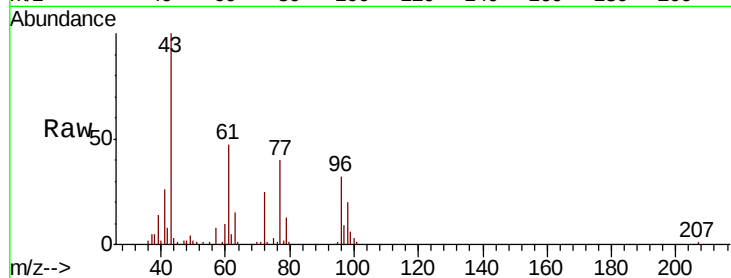
#25
2-Butanone
Concen: 102.636 ug/l
RT: 6.79 min Scan# 1561
Delta R.T. -0.00 min
Lab File: VN060664.D
Acq: 24 Mar 2020 12:01

Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01

Tot Ion: 43 Resp: 162613
Ion Ratio Lower Upper
43 100
72 25.2 20.4 30.6

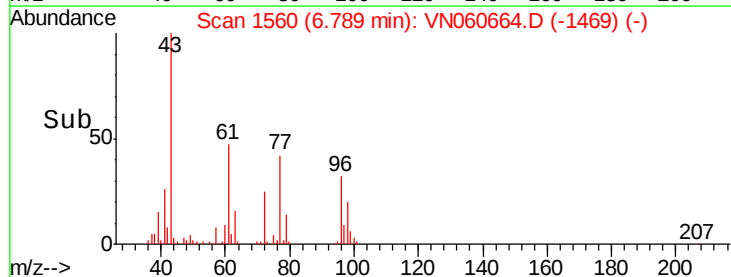
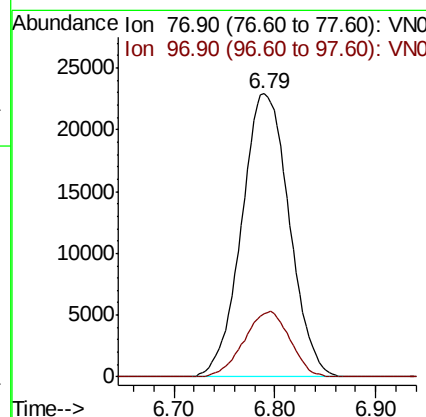
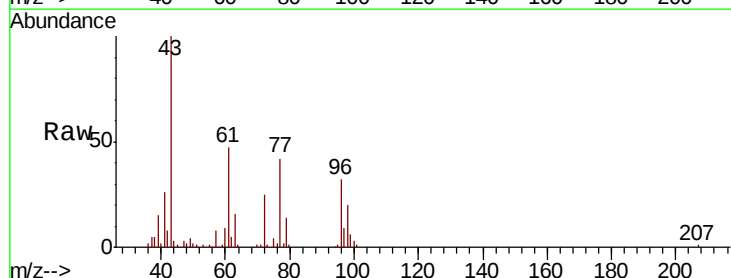
Manual Integrations
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#26
2,2-Dichloropropane
Concen: 21.599 ug/l
RT: 6.79 min Scan# 1560
Delta R.T. -0.01 min
Lab File: VN060664.D
Acq: 24 Mar 2020 12:01

Tgt Ion: 77 Resp: 75046
Ion Ratio Lower Upper
77 100
97 22.3 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 19.725 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN060664.D

Acq: 24 Mar 2020 12:01

Instrument :

MSVOA_N

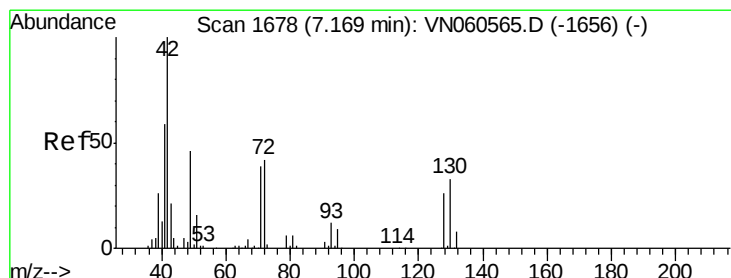
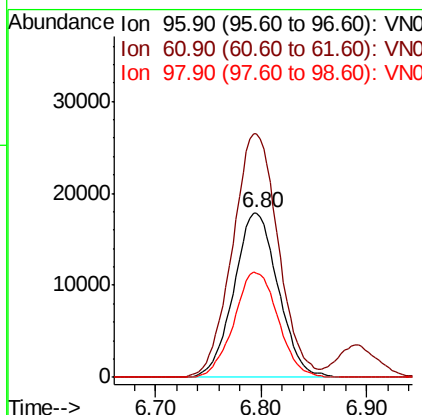
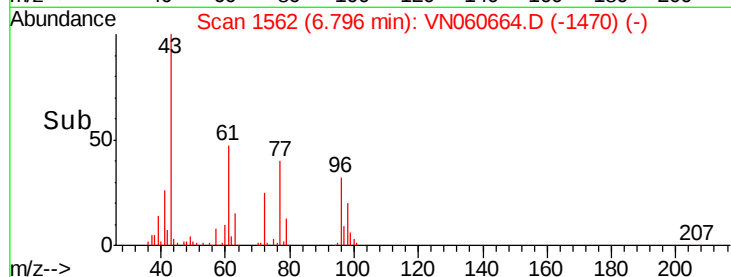
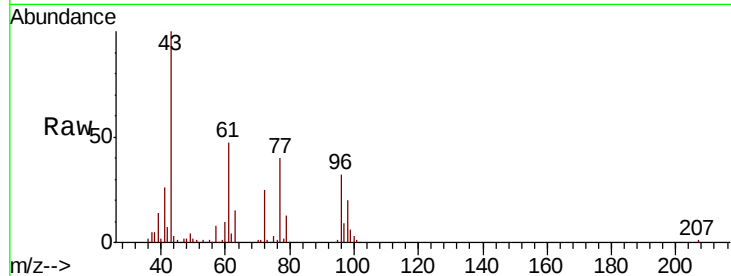
ClientSampleId :

VN0324WBS01

Tot Ion:	96	Resp:	52080
Ion	Ratio	Lower	Upper
96	100		
61	153.5	0.0	305.6
98	63.9	0.0	127.6

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#28

Bromochloromethane

Concen: 19.971 ug/l

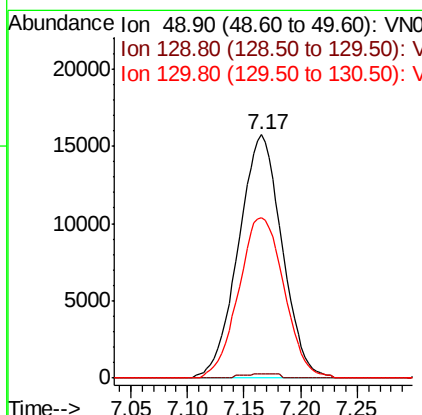
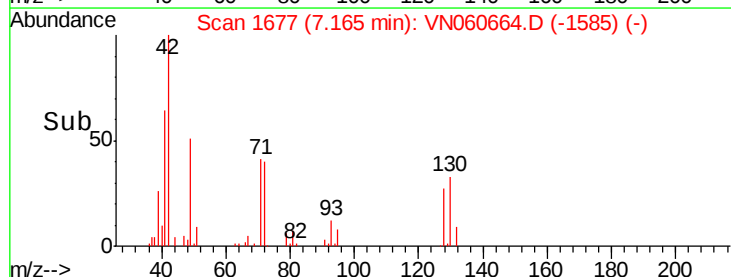
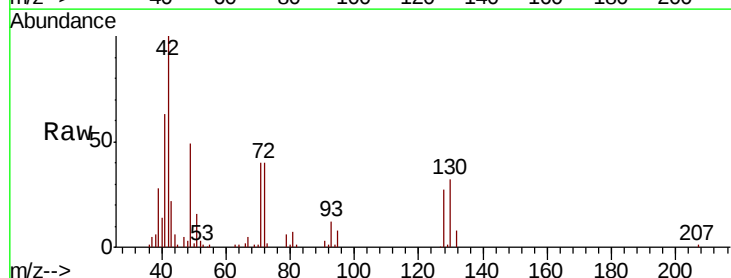
RT: 7.17 min Scan# 1677

Delta R.T. -0.00 min

Lab File: VN060664.D

Acq: 24 Mar 2020 12:01

Tgt Ion:	49	Resp:	42194
Ion	Ratio	Lower	Upper
49	100		
129	1.4	0.0	3.4
130	68.7	55.0	82.4





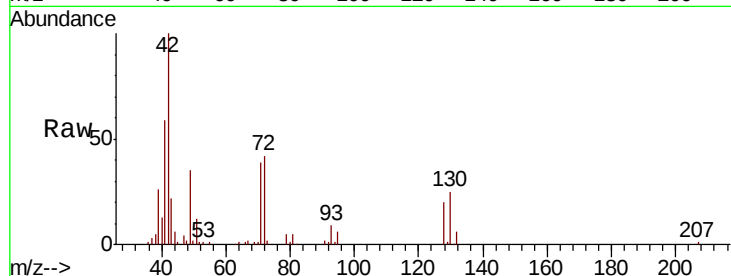
#29
Tetrahydrofuran
Concen: 94.984 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VN060664.D
Acq: 24 Mar 2020 12:01

Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.6	33.2	49.8
71	38.4	31.1	46.7

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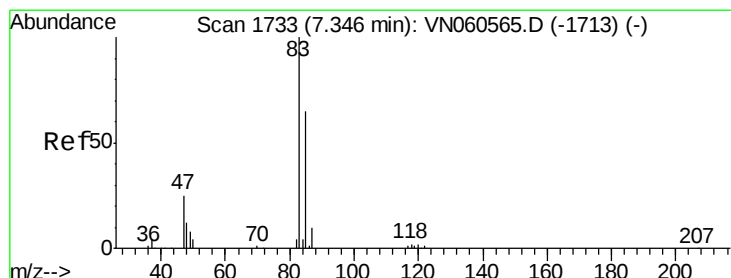
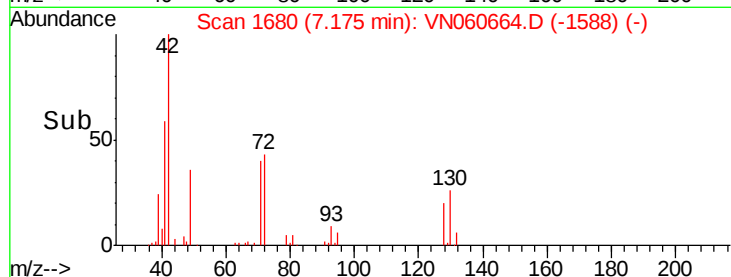
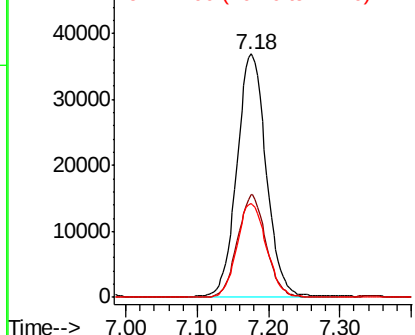


Abundance

Ion 42.00 (41.70 to 42.70): VN0

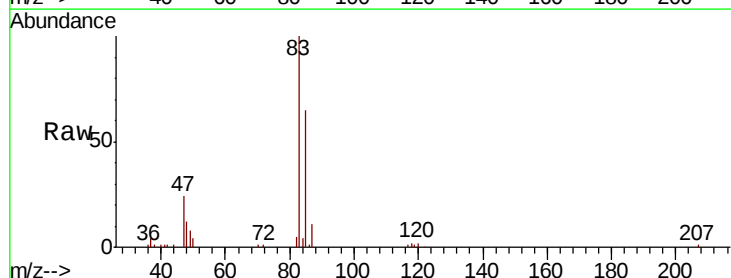
Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30
Chloroform
Concen: 19.645 ug/l
RT: 7.34 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VN060664.D
Acq: 24 Mar 2020 12:01

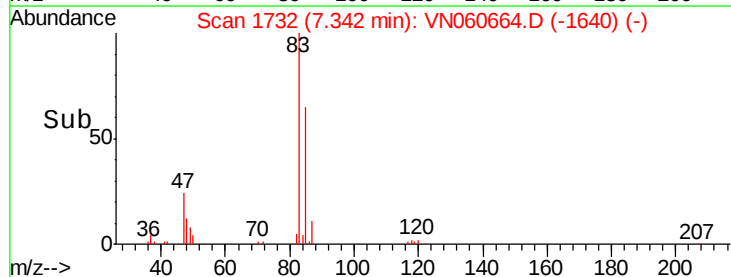
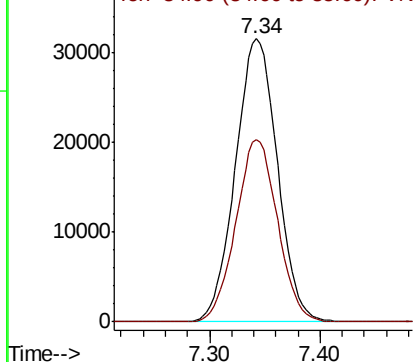
Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.6	51.8	77.8

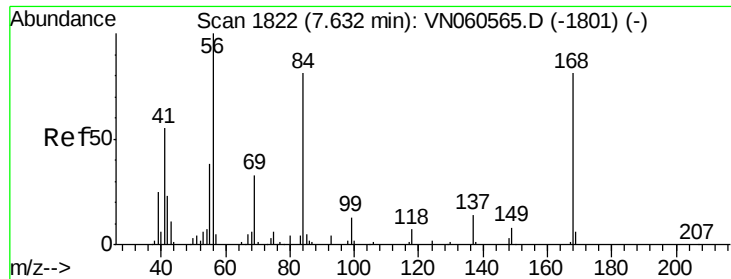


Abundance

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





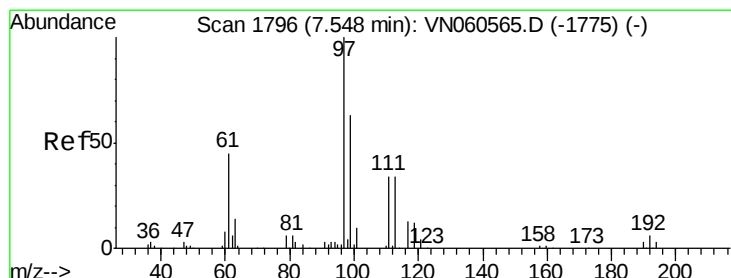
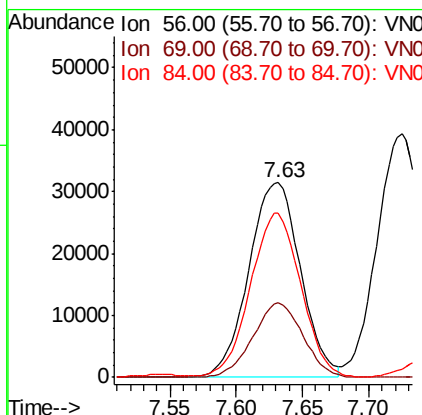
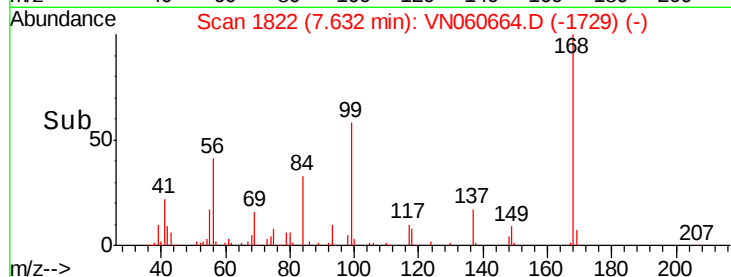
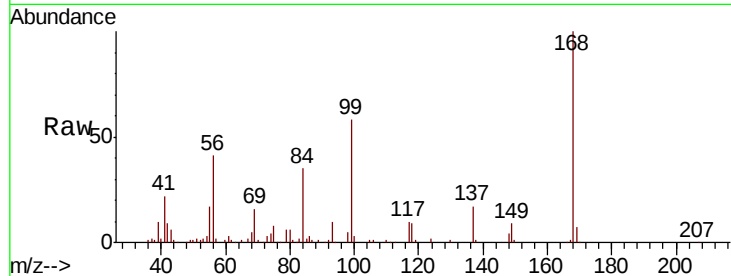
#31
Cyclohexane
Concen: 19.249 ug/l
RT: 7.63 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VN060664.D
Acq: 24 Mar 2020 12:01

Instrument :
MSVOA_N
ClientSampled :
VN0324WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	38.4	26.6	40.0
84	83.4	64.3	96.5

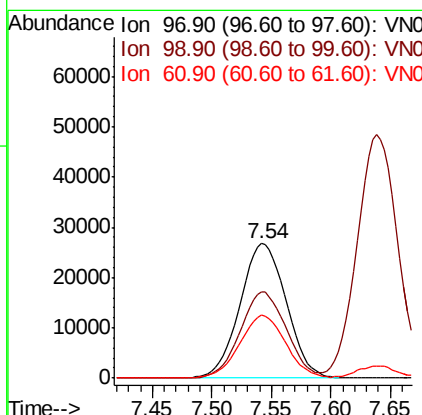
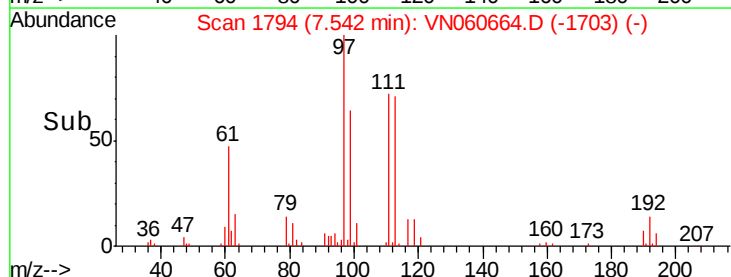
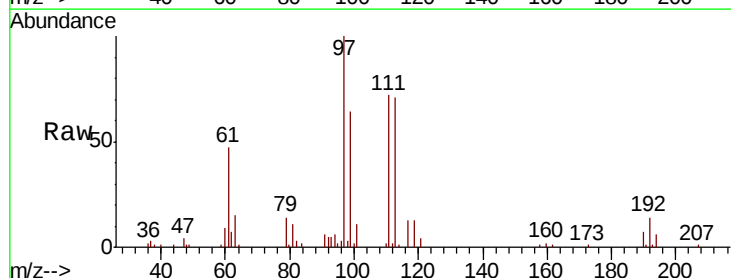
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#32
1,1,1-Trichloroethane
Concen: 19.737 ug/l
RT: 7.54 min Scan# 1794
Delta R.T. -0.01 min
Lab File: VN060664.D
Acq: 24 Mar 2020 12:01

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.0	50.6	75.8
61	46.3	36.2	54.4





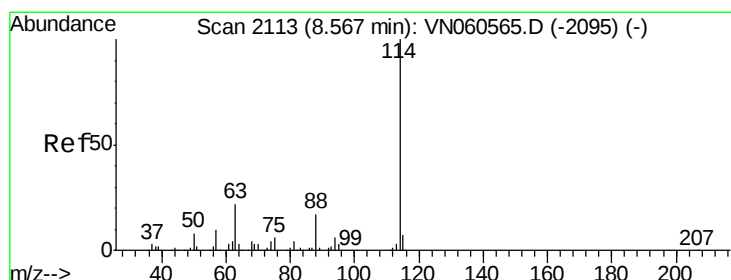
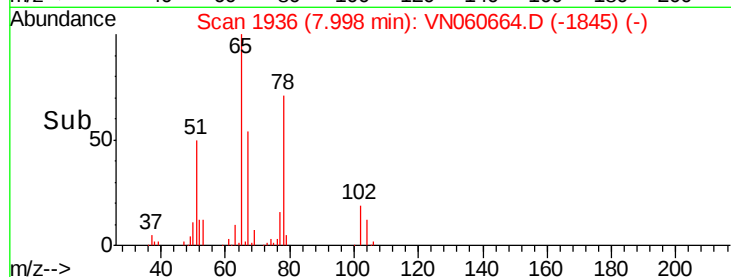
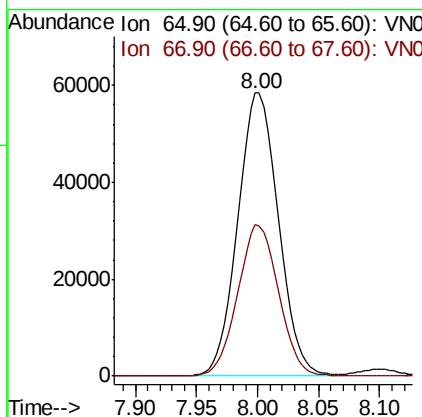
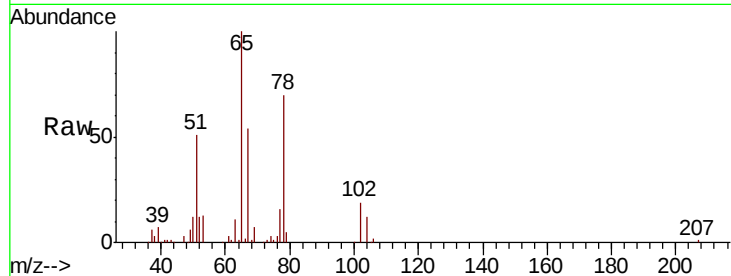
#33
 1,2-Dichloroethane-d4
 Concen: 48.879 ug/l
 RT: 8.00 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: VN060664.D
 Acq: 24 Mar 2020 12:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0324WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	135107		
67	53.6	0.0	107.6	

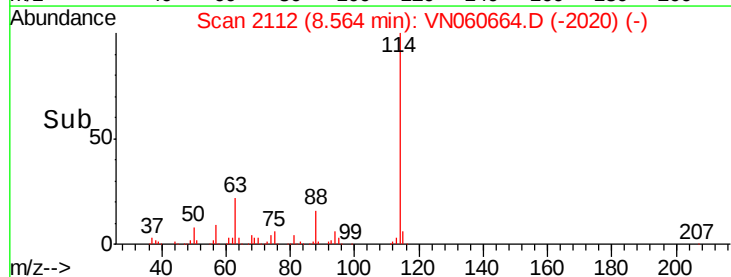
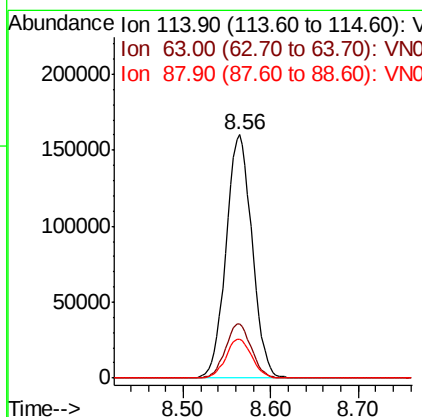
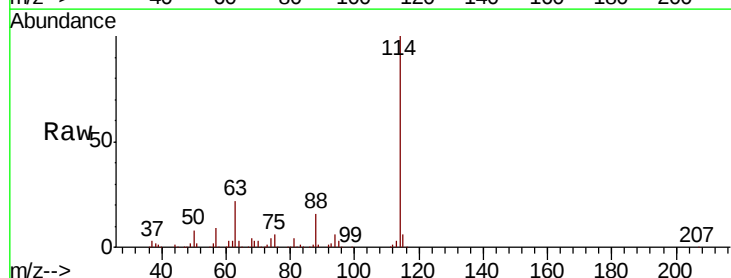
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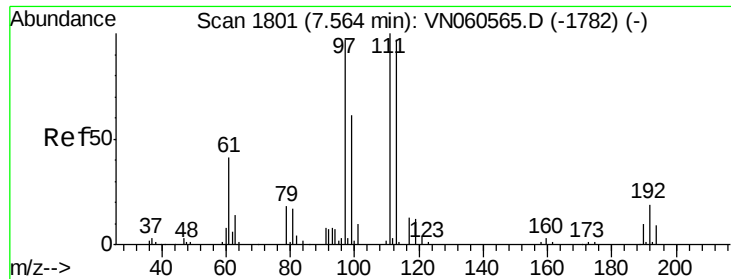
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN060664.D
 Acq: 24 Mar 2020 12:01

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	330779		
63	22.5	0.0	43.8	
88	16.0	0.0	33.0	





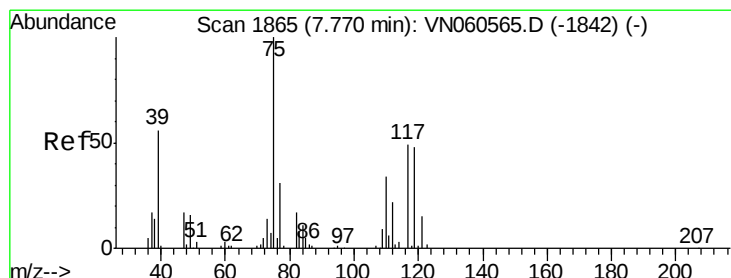
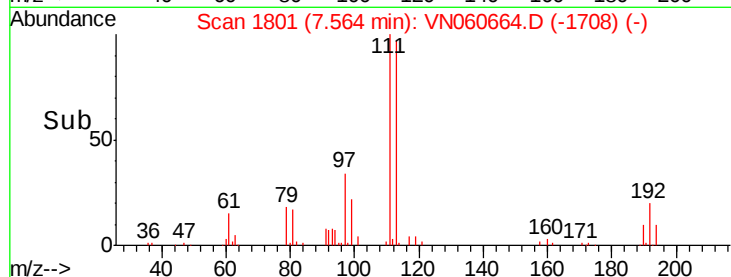
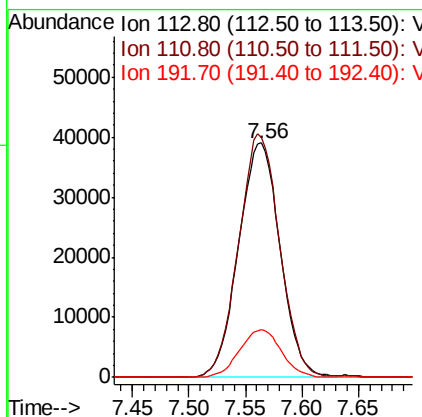
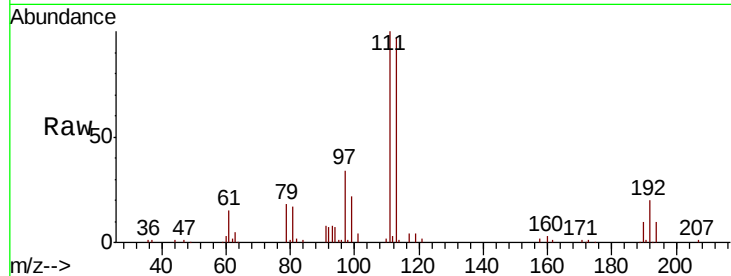
#35
 Dibromofluoromethane
 Concen: 49.871 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN060664.D
 Acq: 24 Mar 2020 12:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0324WBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.9	124.3
192	20.4	15.8	23.8

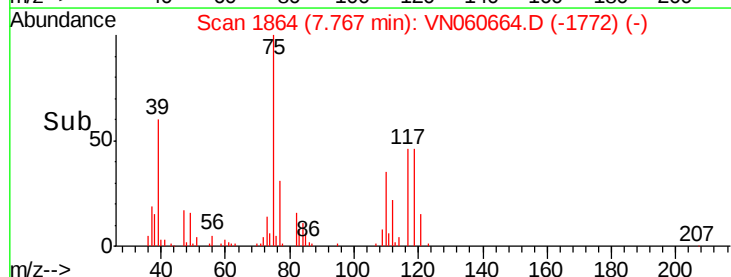
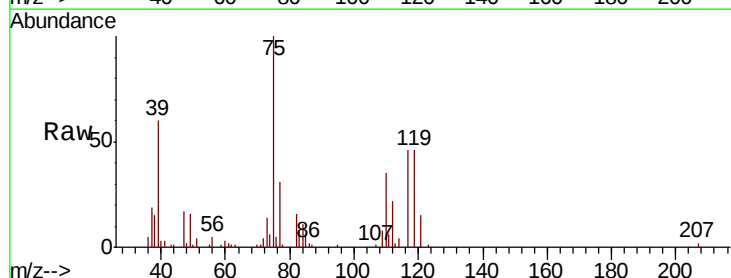
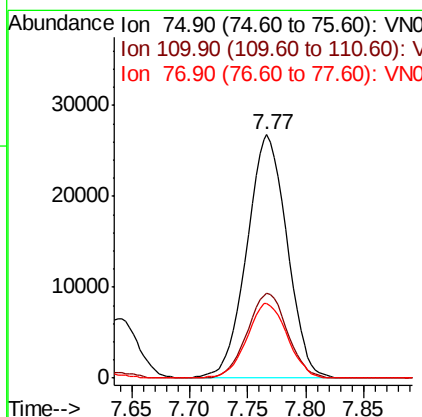
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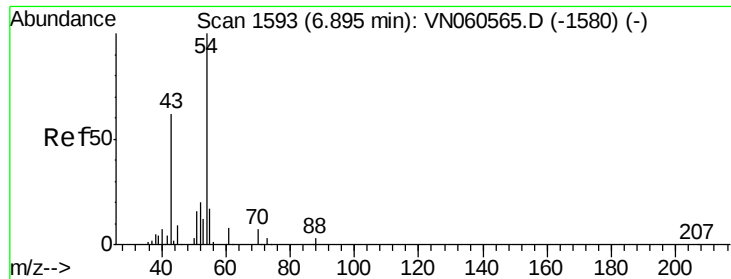
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#36
 1,1-Dichloropropene
 Concen: 20.179 ug/l
 RT: 7.77 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VN060664.D
 Acq: 24 Mar 2020 12:01

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.7	16.9	50.6
77	31.0	24.6	36.8





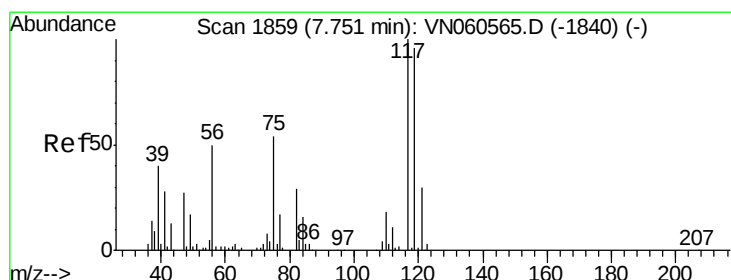
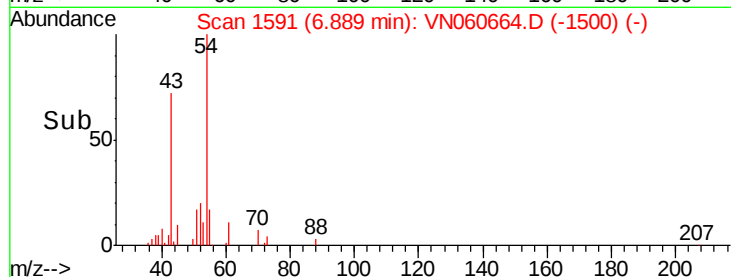
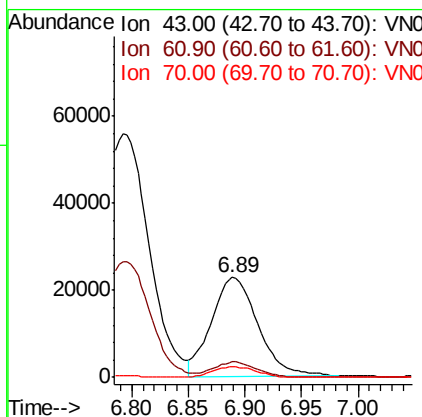
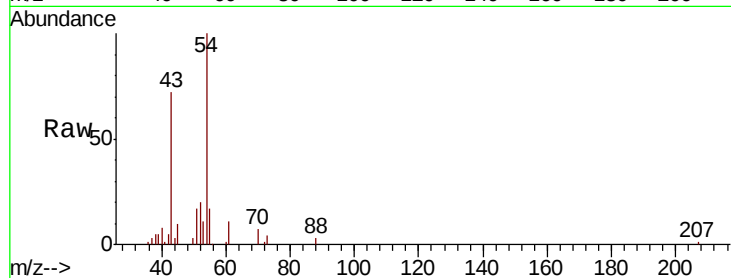
#37
Ethyl Acetate
Concen: 18.795 ug/l
RT: 6.89 min Scan# 1591
Delta R.T. -0.01 min
Lab File: VN060664.D
Acq: 24 Mar 2020 12:01

Instrument :
MSVOA_N
ClientSampled :
VN0324WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.6	10.6	15.8
70	10.0	7.9	11.9

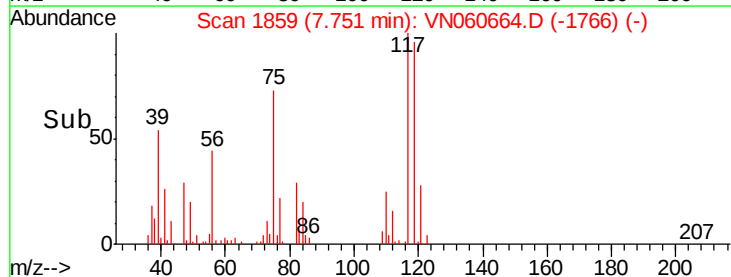
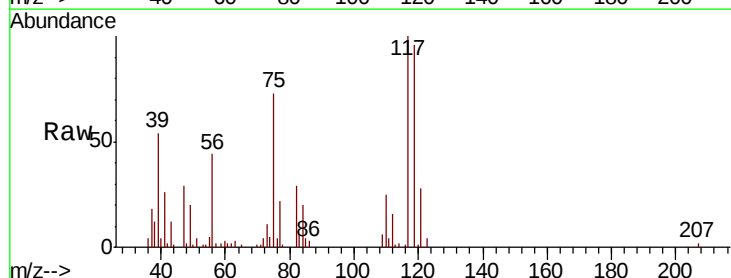
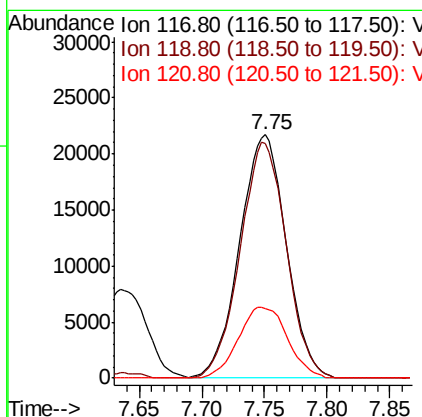
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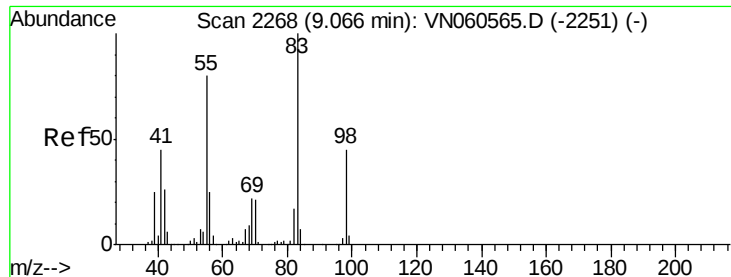
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#38
Carbon Tetrachloride
Concen: 19.541 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VN060664.D
Acq: 24 Mar 2020 12:01

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.4	76.2	114.2
121	28.4	23.7	35.5





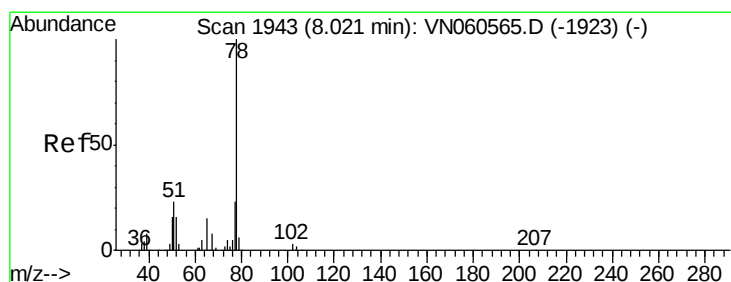
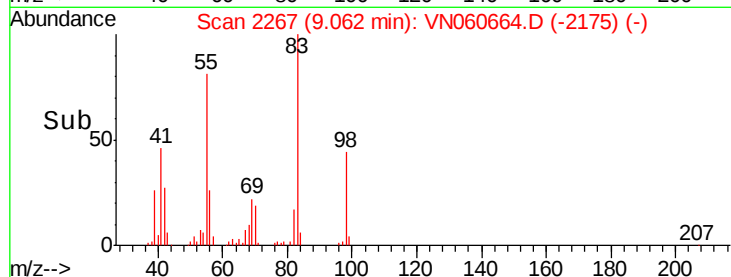
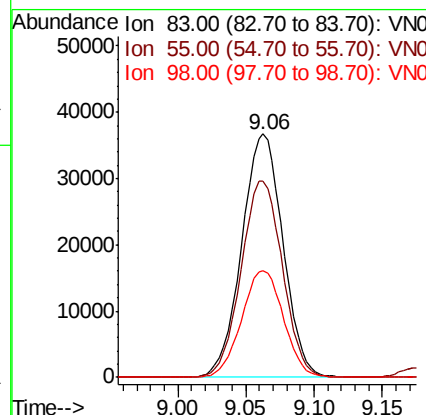
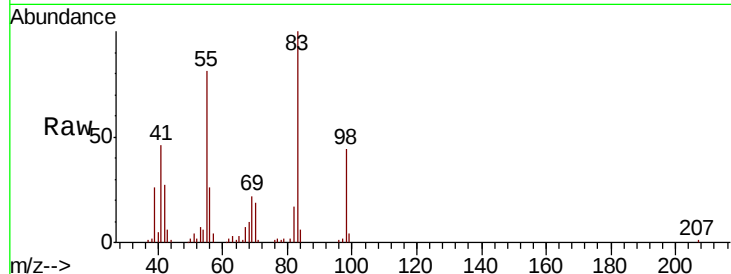
#39
Methvlcvclohexane
Concen: 20.219 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN060664.D
Acq: 24 Mar 2020 12:01

Instrument :
MSVOA_N
ClientSampled :
VN0324WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.8	63.6	95.4
98	43.8	36.0	54.0

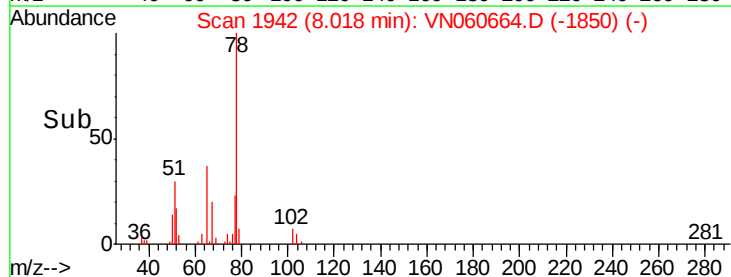
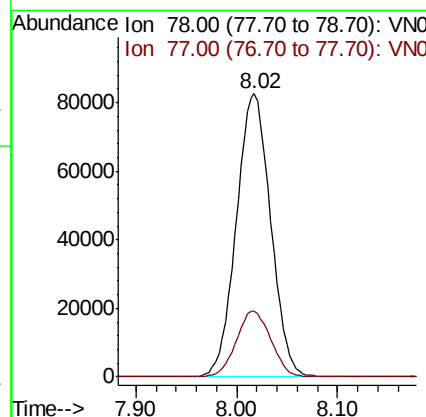
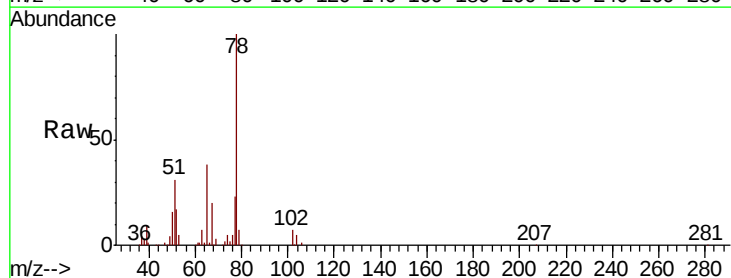
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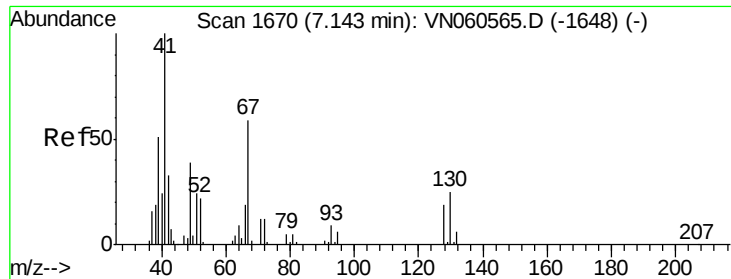
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#40
Benzene
Concen: 20.159 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN060664.D
Acq: 24 Mar 2020 12:01

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.6	28.0





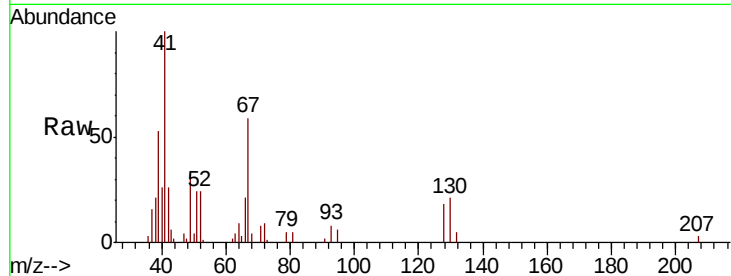
#41
Methacrylonitrile
Concen: 19.683 ug/l m
RT: 7.14 min Scan# 1668
Delta R.T. -0.01 min
Lab File: VN060664.D
Acq: 24 Mar 2020 12:01

Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01

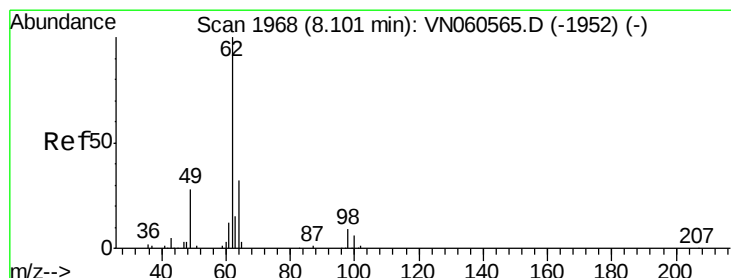
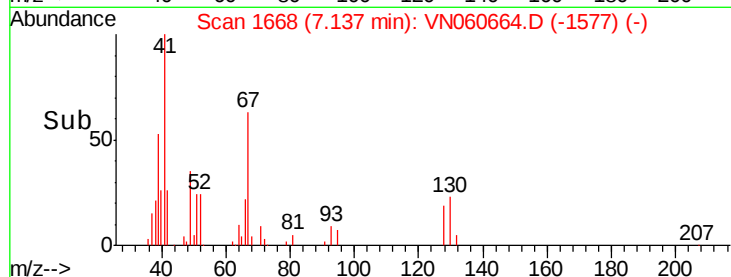
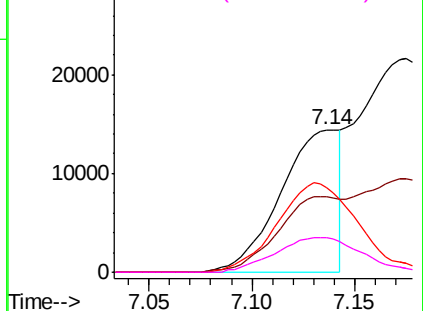
Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

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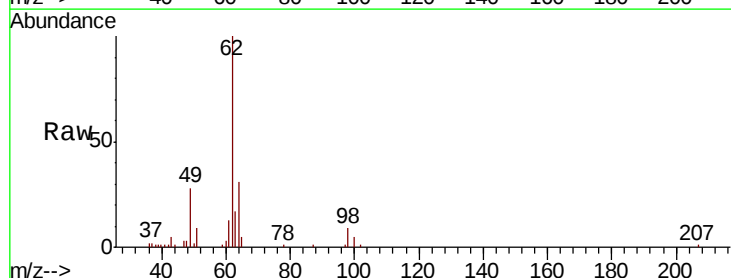


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

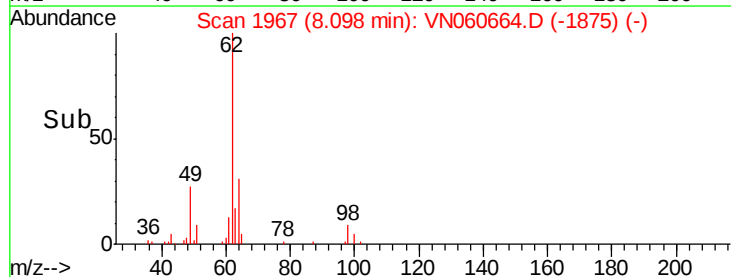
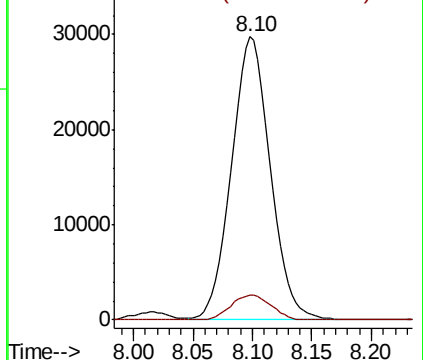


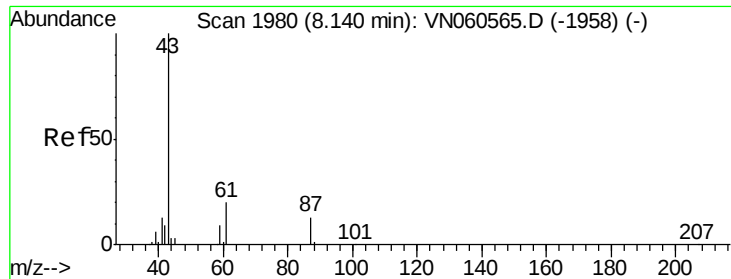
#42
1,2-Dichloroethane
Concen: 20.359 ug/l
RT: 8.10 min Scan# 1967
Delta R.T. -0.00 min
Lab File: VN060664.D
Acq: 24 Mar 2020 12:01

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	17.8



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





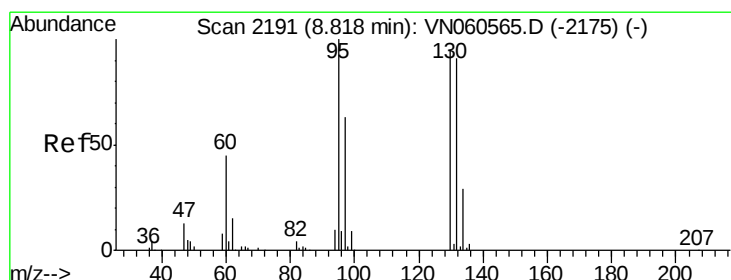
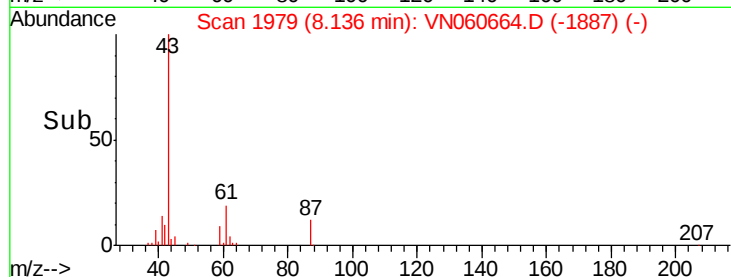
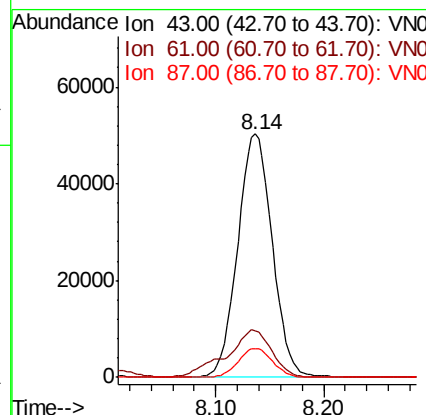
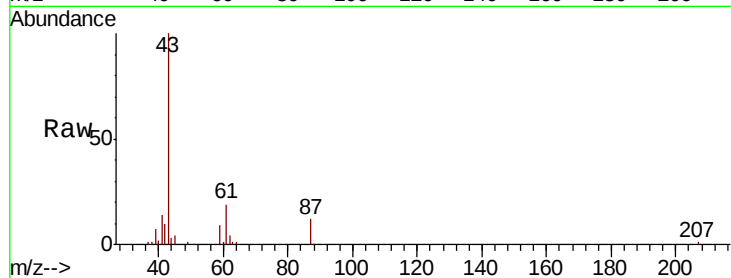
#43
Isopropyl Acetate
Concen: 19.661 ug/l
RT: 8.14 min Scan# 1979
Delta R.T. -0.00 min
Lab File: VN060664.D
Acq: 24 Mar 2020 12:01

Instrument :
MSVOA_N
ClientSampled :
VN0324WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	25.6	20.7	31.1
87	11.9	9.8	14.8

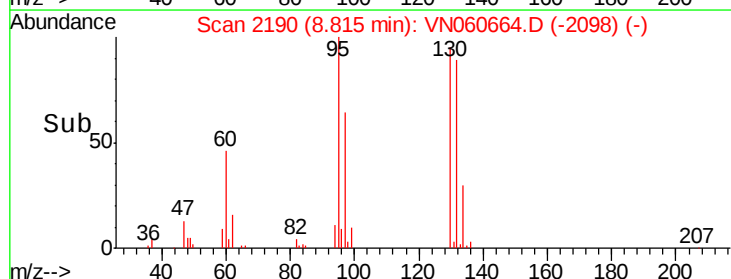
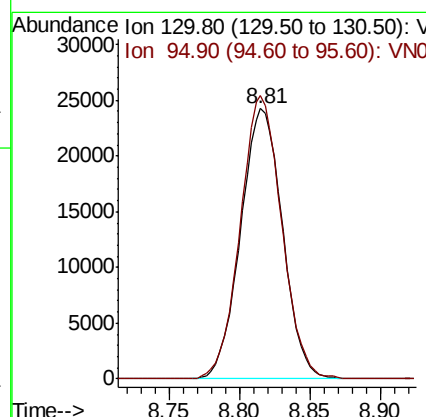
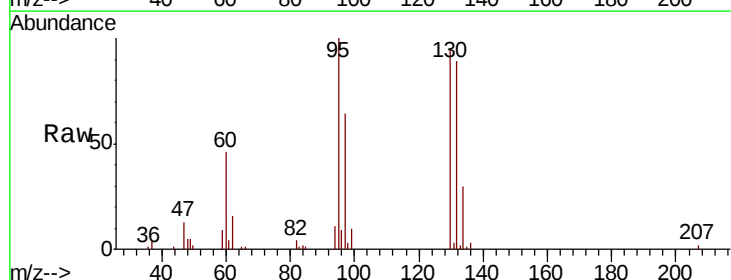
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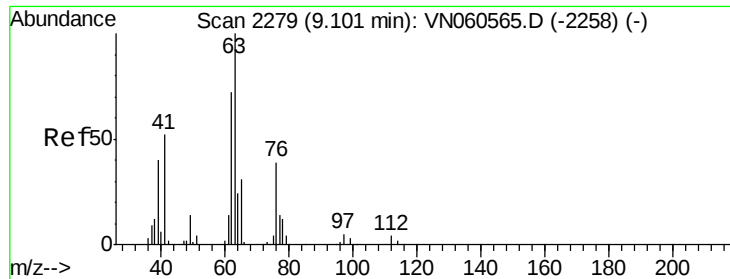
MMDadoda
3/25/2020 10:20:14 PM



#44
Trichloroethene
Concen: 20.657 ug/l
RT: 8.81 min Scan# 2190
Delta R.T. -0.00 min
Lab File: VN060664.D
Acq: 24 Mar 2020 12:01

Tgt Ion	Ratio	Lower	Upper
130	100		
95	104.9	0.0	211.2





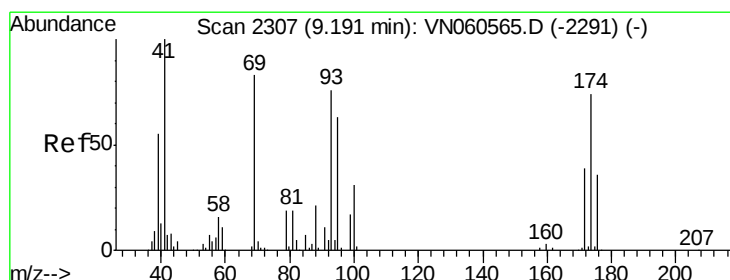
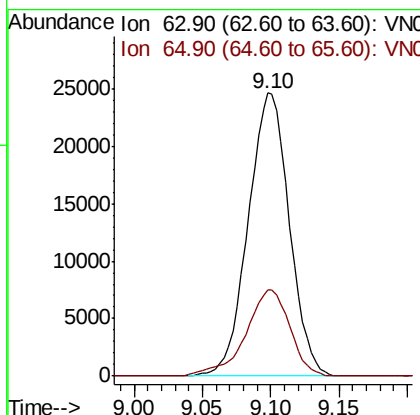
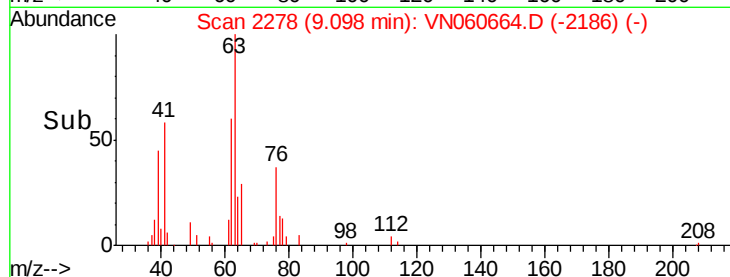
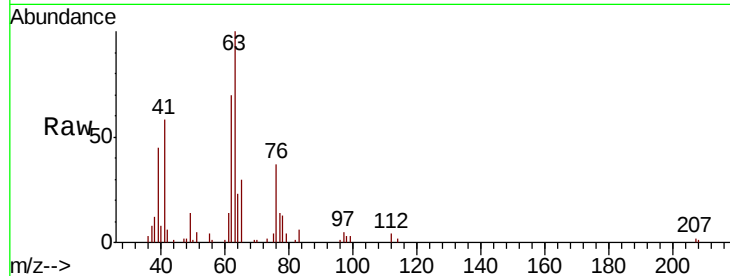
#45
 1,2-Dichloropropane
 Concen: 20.157 ug/l
 RT: 9.10 min Scan# 2278
 Delta R.T. -0.00 min
 Lab File: VN060664.D
 Acq: 24 Mar 2020 12:01

Instrument :
 MSVOA_N
 ClientSampled :
 VN0324WBS01

Tot Ion: 63 Resp: 51428
 Ion Ratio Lower Upper
 63 100
 65 30.4 25.4 38.0

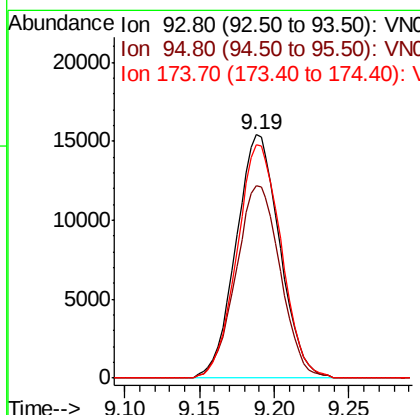
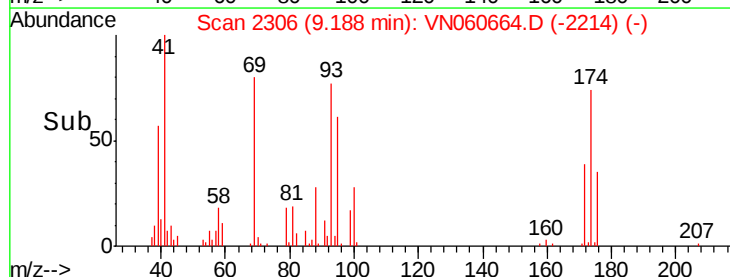
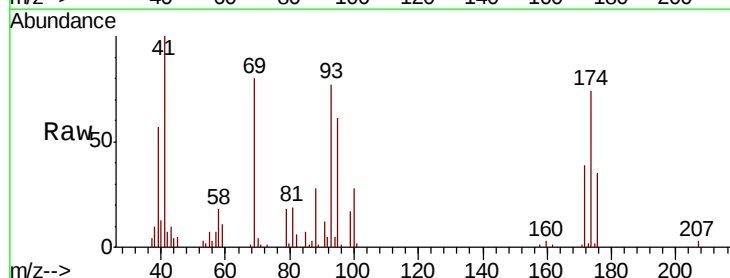
Manual Integrations
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MMDadoda
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#46
 Dibromomethane
 Concen: 20.320 ug/l
 RT: 9.19 min Scan# 2306
 Delta R.T. -0.00 min
 Lab File: VN060664.D
 Acq: 24 Mar 2020 12:01

Tgt Ion: 93 Resp: 31342
 Ion Ratio Lower Upper
 93 100
 95 80.3 66.2 99.4
 174 96.7 77.9 116.9





#47

Bromodichloromethane

Concen: 19.732 ug/l

RT: 9.38 min Scan# 2367

Delta R.T. -0.00 min

Lab File: VN060664.D

Acq: 24 Mar 2020 12:01

Instrument :

MSVOA_N

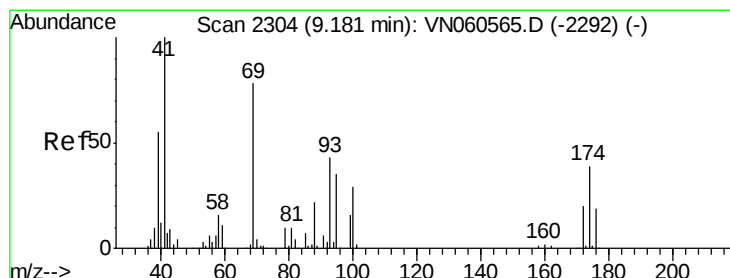
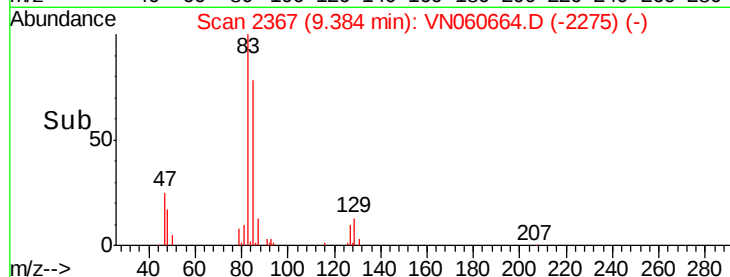
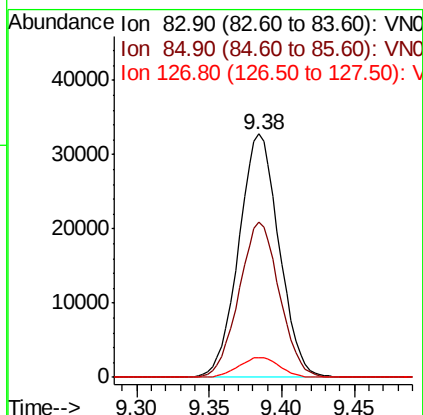
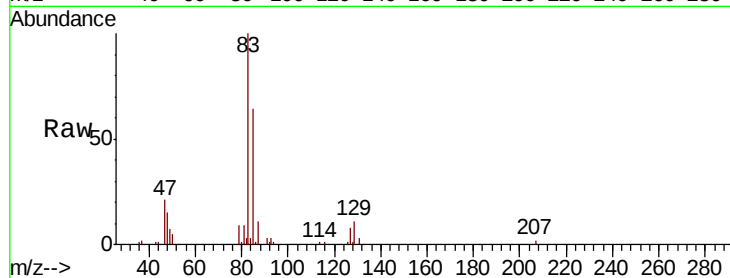
ClientSampleId :

VN0324WBS01

Tot Ion:	83	Resp:	63244
Ion	Ratio	Lower	Upper
83	100		
85	63.6	51.8	77.6
127	8.3	6.5	9.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 18.921 ug/l

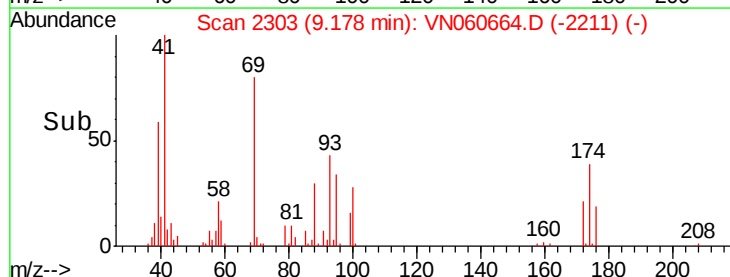
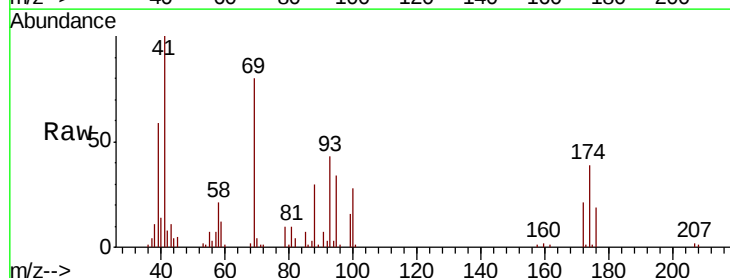
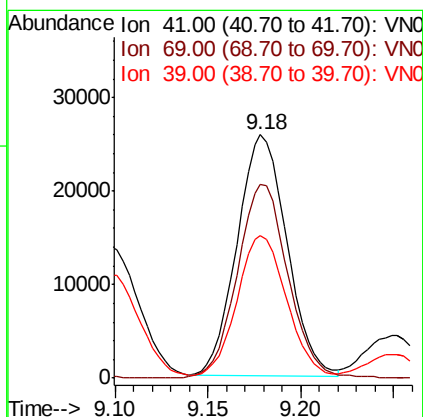
RT: 9.18 min Scan# 2303

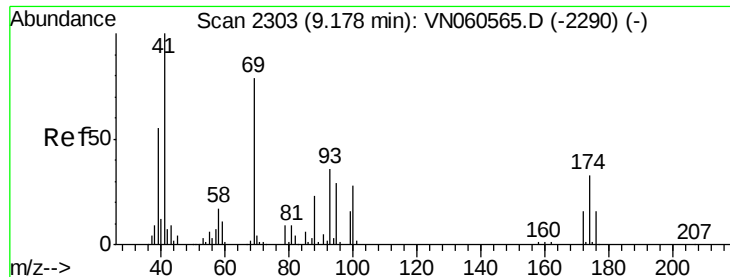
Delta R.T. -0.00 min

Lab File: VN060664.D

Acq: 24 Mar 2020 12:01

Tgt Ion:	41	Resp:	48081
Ion	Ratio	Lower	Upper
41	100		
69	81.8	65.4	98.0
39	56.9	44.0	66.0





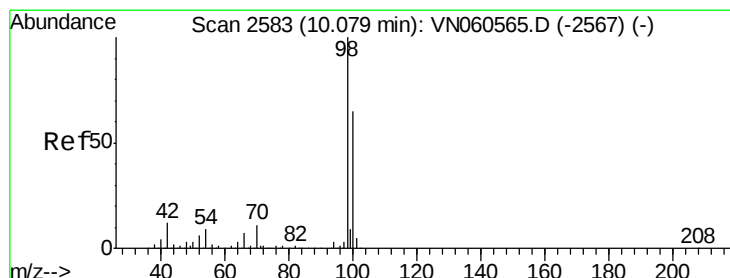
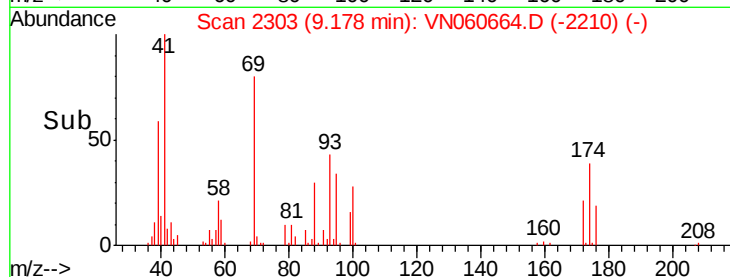
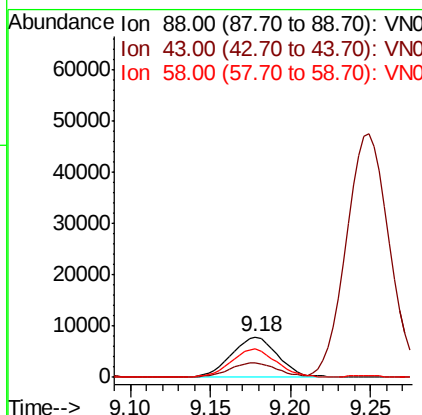
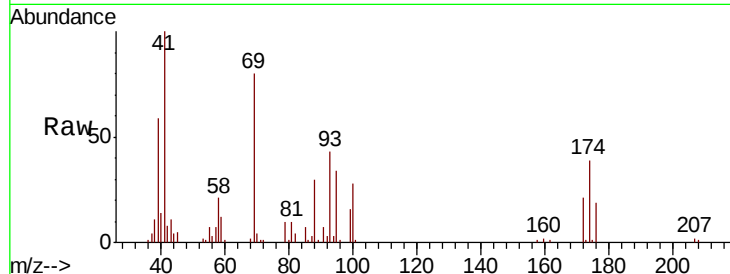
#49
1,4-Dioxane
Concen: 513.222 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.00 min
Lab File: VN060664.D
Acq: 24 Mar 2020 12:01

Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.8	30.8	46.2
58	70.4	59.8	89.8

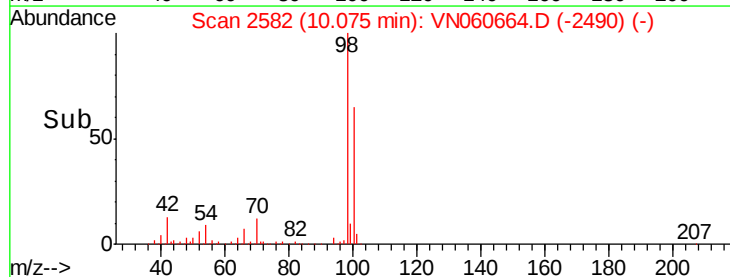
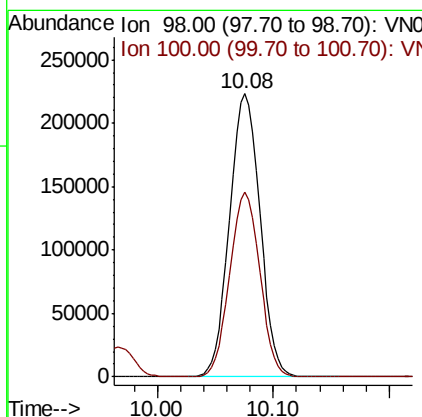
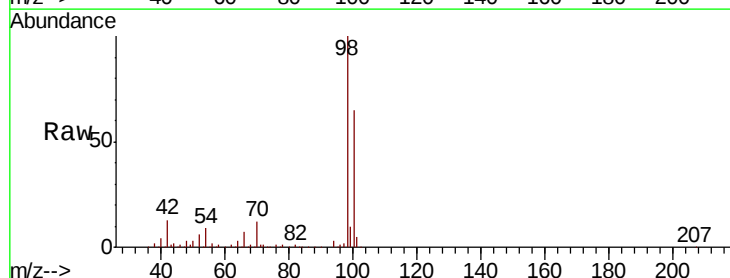
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#50
Toluene-d8
Concen: 49.675 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN060664.D
Acq: 24 Mar 2020 12:01

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.8	77.8





#51

4-Methyl-2-Pentanone

Concen: 99.153 ug/l

RT: 9.97 min Scan# 2548

Delta R.T. -0.00 min

Lab File: VN060664.D

Acq: 24 Mar 2020 12:01

Instrument :

MSVOA_N

ClientSampleId :

VN0324WBS01

Tot Ion: 43 Resp: 322041

Ion Ratio Lower Upper

43 100

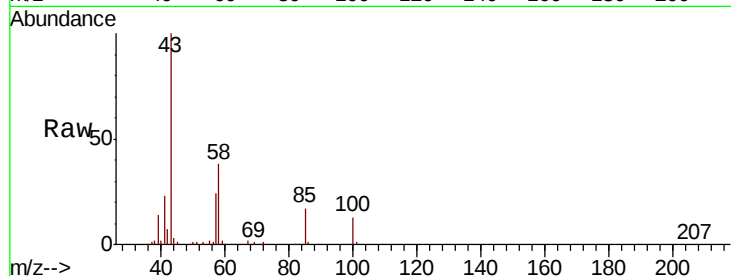
58 37.8 30.8 46.2

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VN060565.D (-2529) (-)

Ion 58.00 (57.70 to 58.70): VN060565.D (-2529) (-)

9.97

200000

150000

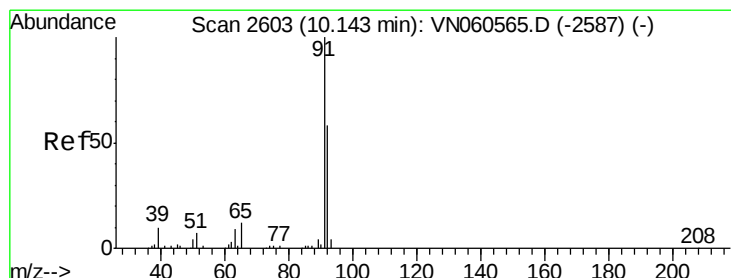
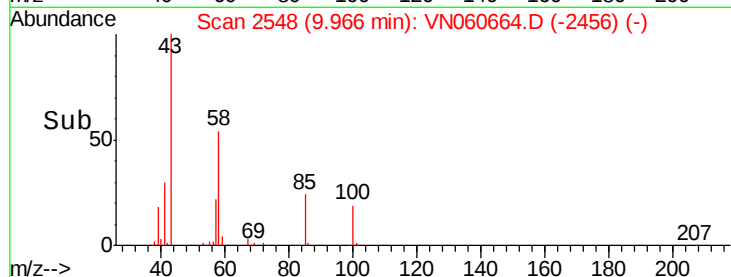
100000

50000

0

9.90 10.00

Time-->



#52

Toluene

Concen: 19.936 ug/l

RT: 10.14 min Scan# 2602

Delta R.T. -0.00 min

Lab File: VN060664.D

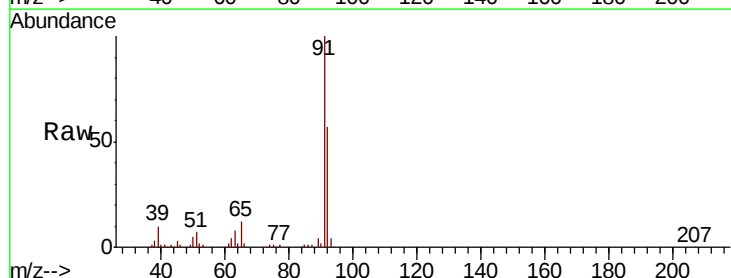
Acq: 24 Mar 2020 12:01

Tgt Ion: 92 Resp: 116413

Ion Ratio Lower Upper

92 100

91 174.9 137.6 206.4



Abundance Ion 92.00 (91.70 to 92.70): VN060565.D (-2587) (-)

Ion 91.00 (90.70 to 91.70): VN060565.D (-2587) (-)

10.14

120000

100000

80000

60000

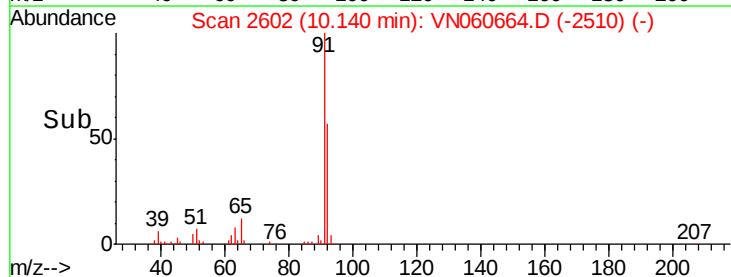
40000

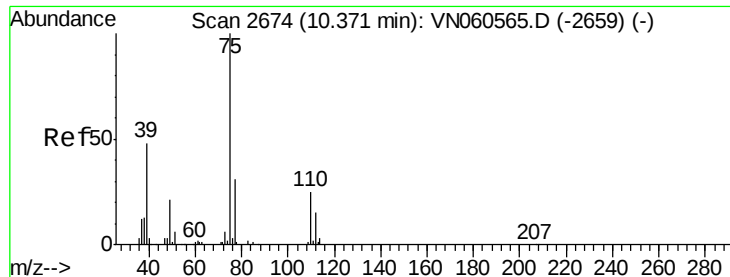
20000

0

10.05 10.10 10.15 10.20

Time-->





#53

t-1,3-Dichloropropene

Concen: 20.300 ug/l

RT: 10.37 min Scan# 2673

Delta R.T. -0.00 min

Lab File: VN060664.D

Acq: 24 Mar 2020 12:01

Instrument :

MSVOA_N

ClientSampled :

VN0324WBS01

Tot Ion: 75 Resp: 74740

Ion Ratio Lower Upper

75 100

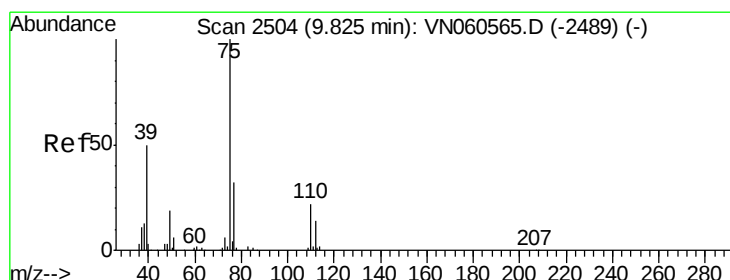
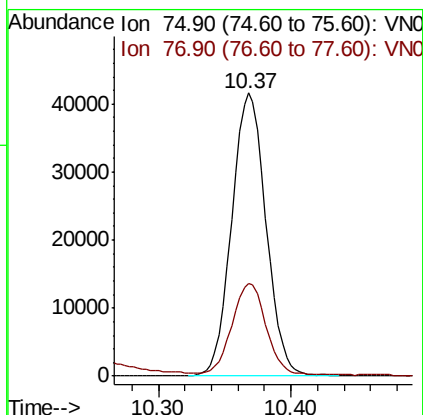
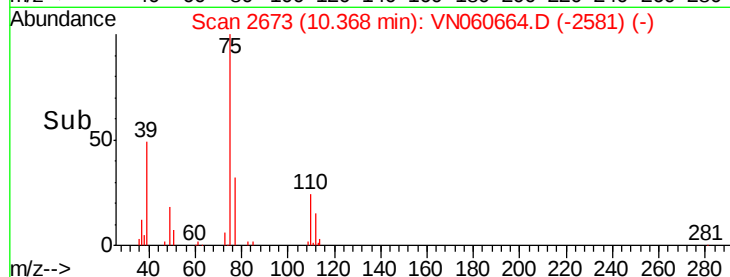
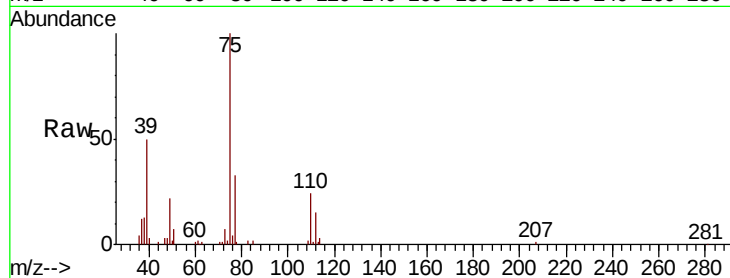
77 32.3 25.1 37.7

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 20.497 ug/l

RT: 9.82 min Scan# 2503

Delta R.T. -0.00 min

Lab File: VN060664.D

Acq: 24 Mar 2020 12:01

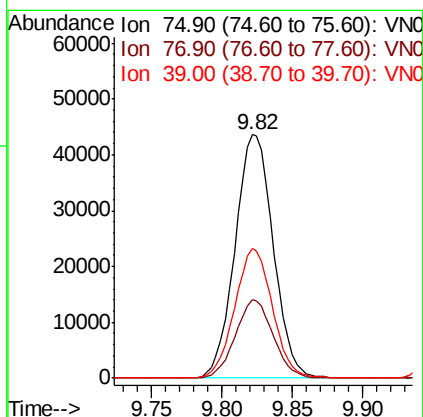
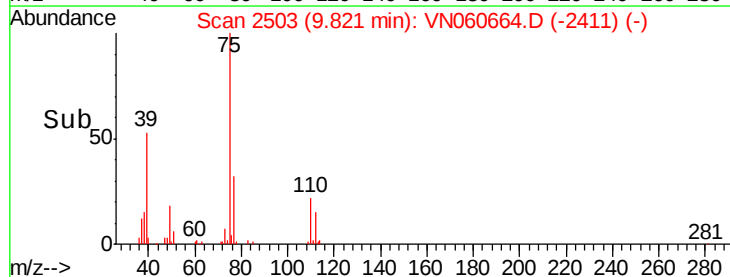
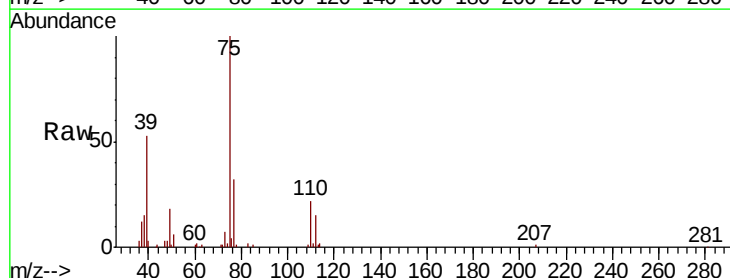
Tgt Ion: 75 Resp: 82789

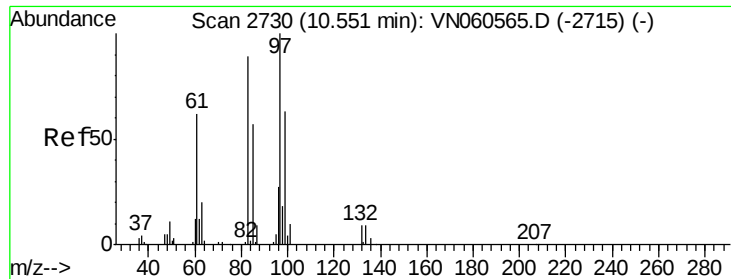
Ion Ratio Lower Upper

75 100

77 32.0 25.4 38.0

39 53.1 40.2 60.4





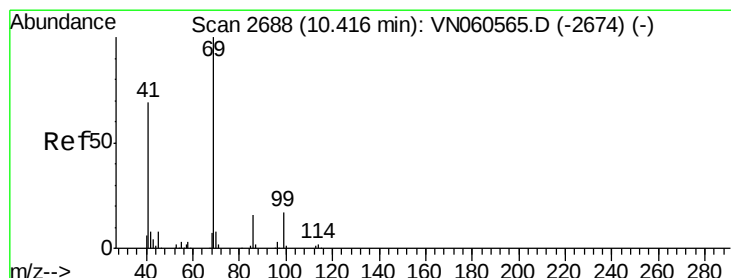
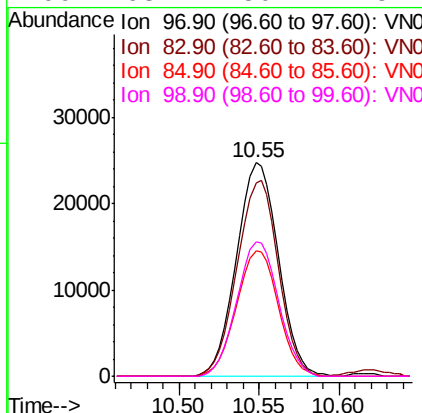
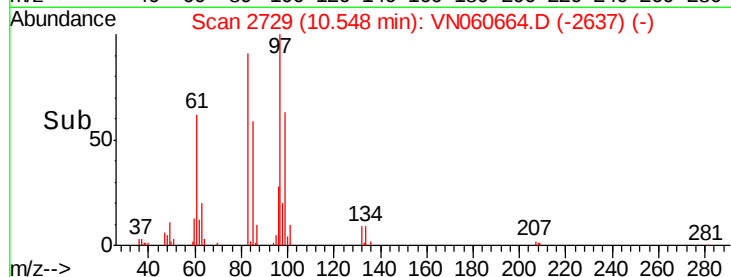
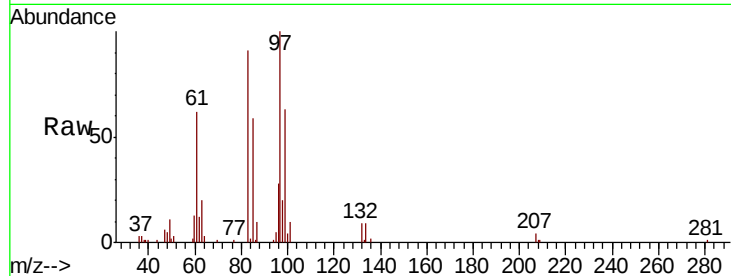
#55
 1,1,2-Trichloroethane
 Concen: 19.704 ug/l
 RT: 10.55 min Scan# 2729
 Delta R.T. -0.00 min
 Lab File: VN060664.D
 Acq: 24 Mar 2020 12:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0324WBS01

Tot Ion:	97	Resp:	44266
Ion	Ratio	Lower	Upper
97	100		
83	90.8	71.3	106.9
85	58.6	45.2	67.8
99	63.1	50.1	75.1

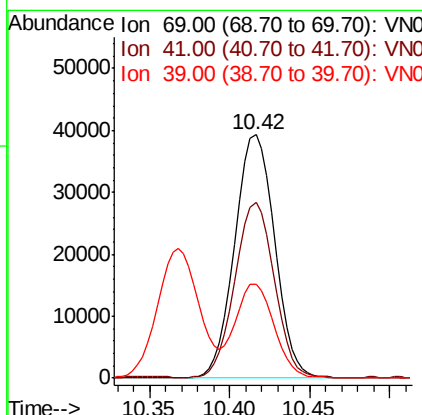
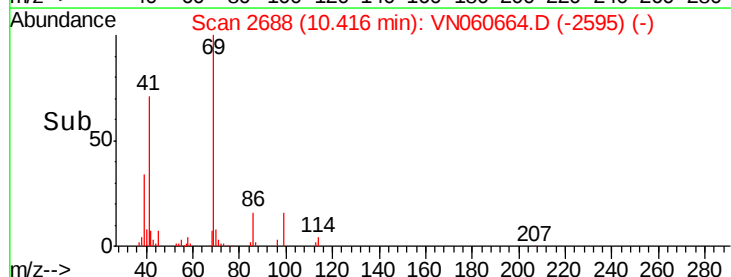
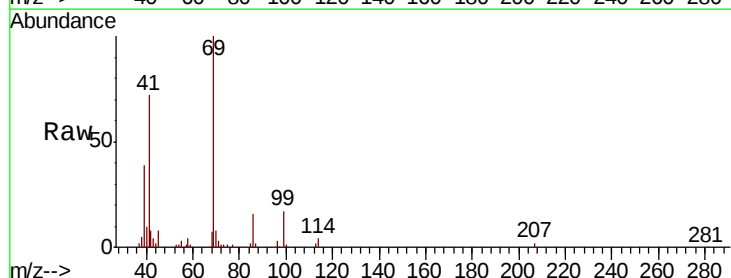
Manual Integrations
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#56
 Ethyl methacrylate
 Concen: 19.173 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. -0.00 min
 Lab File: VN060664.D
 Acq: 24 Mar 2020 12:01

Tgt Ion:	69	Resp:	67160
Ion	Ratio	Lower	Upper
69	100		
41	71.5	55.4	83.2
39	38.0	29.4	44.0





#57

1,3-Dichloropropane

Concen: 20.344 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. -0.00 min

Lab File: VN060664.D

Acq: 24 Mar 2020 12:01

Instrument :

MSVOA_N

ClientSampleId :

VN0324WBS01

Tot Ion: 76 Resp: 79310

Ion Ratio Lower Upper

76 100

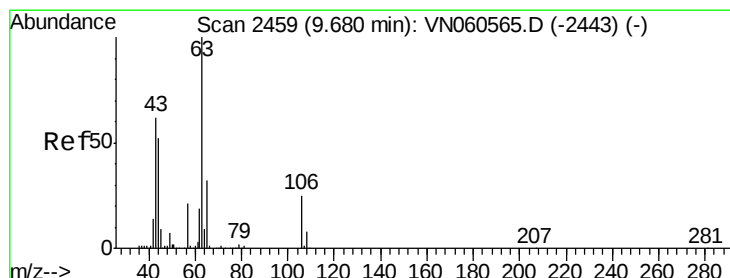
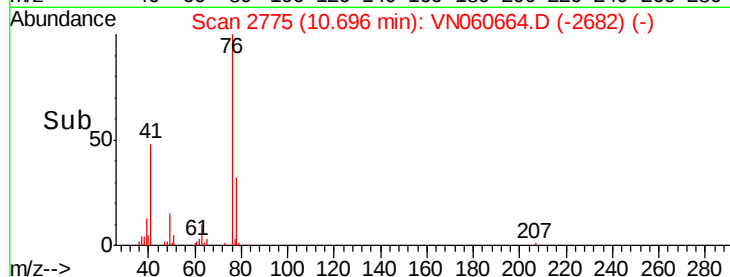
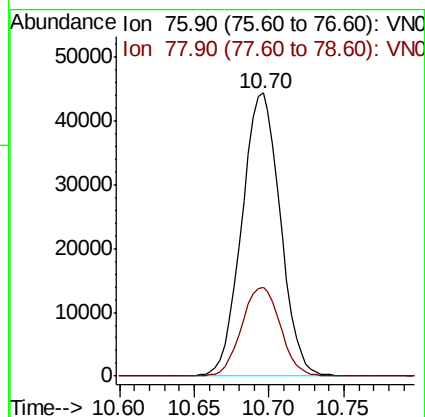
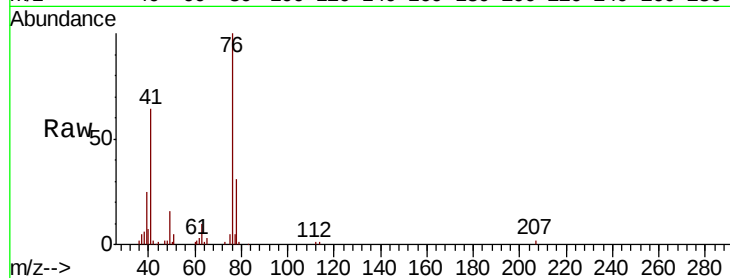
78 31.6 25.8 38.6

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 100.361 ug/l

RT: 9.68 min Scan# 2458

Delta R.T. -0.00 min

Lab File: VN060664.D

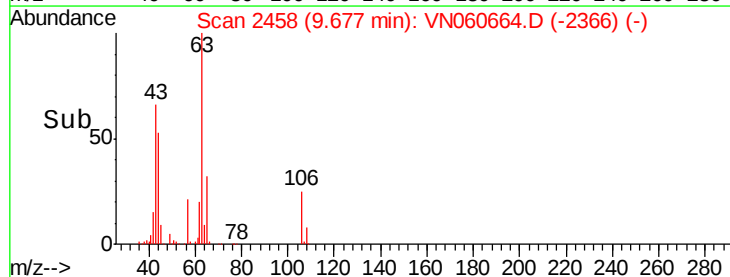
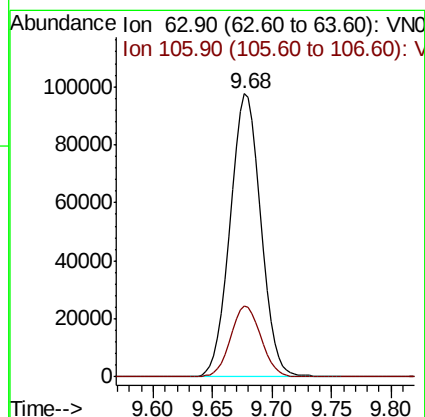
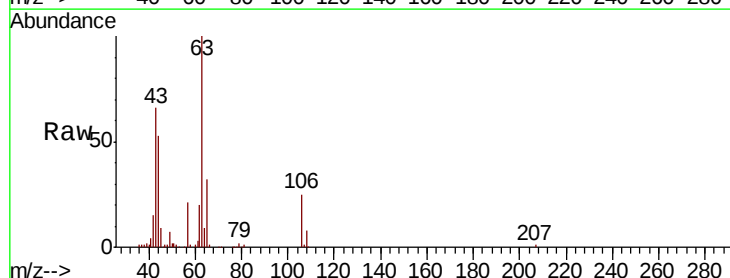
Acq: 24 Mar 2020 12:01

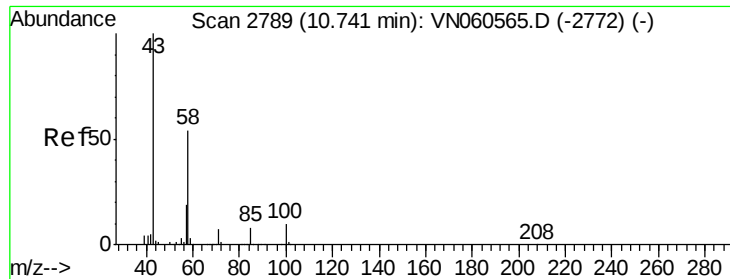
Tgt Ion: 63 Resp: 174723

Ion Ratio Lower Upper

63 100

106 24.7 20.0 30.0





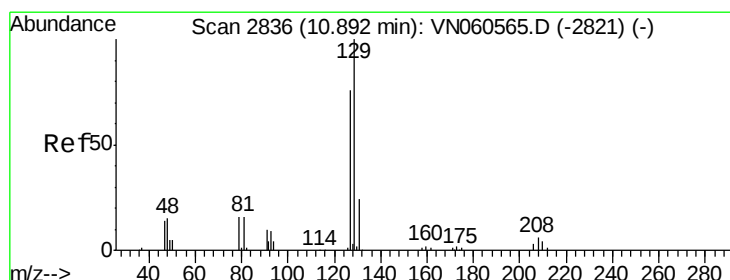
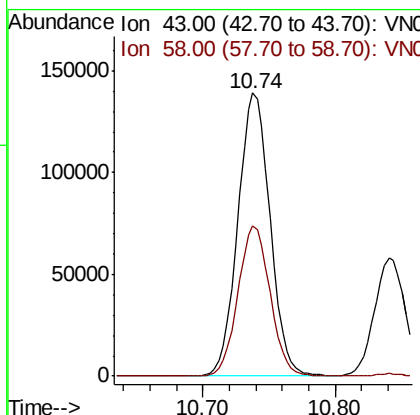
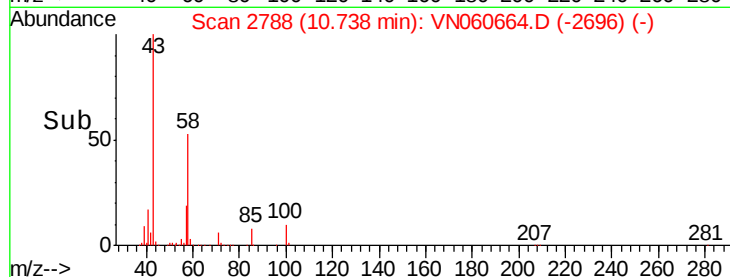
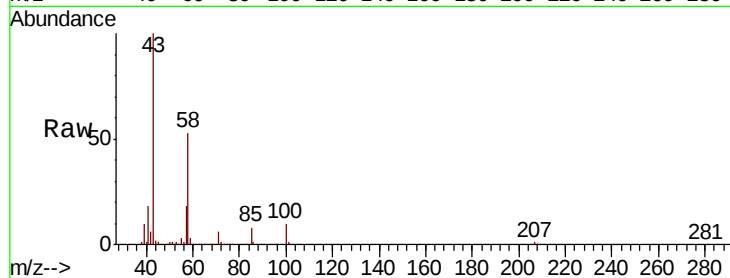
#59
2-Hexanone
Concen: 100.361 ug/l
RT: 10.74 min Scan# 2788
Delta R.T. -0.00 min
Lab File: VN060664.D
Acq: 24 Mar 2020 12:01

Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01

Tot Ion: 43 Resp: 234809
Ion Ratio Lower Upper
43 100
58 52.9 26.7 80.1

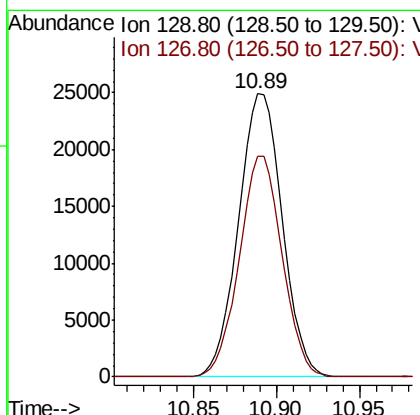
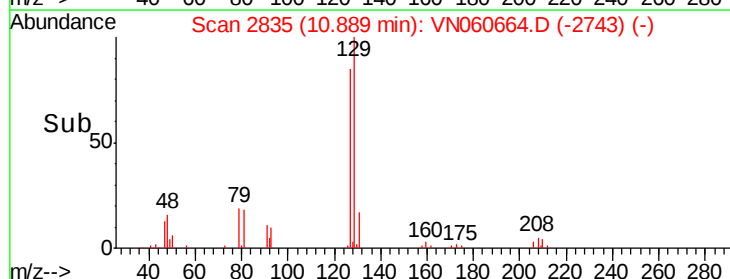
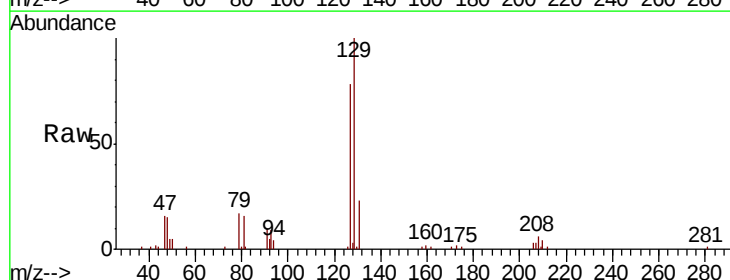
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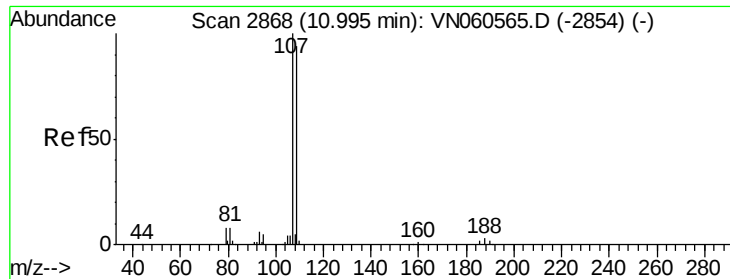
MMDadoda
3/25/2020 10:20:14 PM



#60
Dibromochloromethane
Concen: 19.763 ug/l
RT: 10.89 min Scan# 2835
Delta R.T. -0.00 min
Lab File: VN060664.D
Acq: 24 Mar 2020 12:01

Tgt Ion: 129 Resp: 45860
Ion Ratio Lower Upper
129 100
127 76.2 38.5 115.5





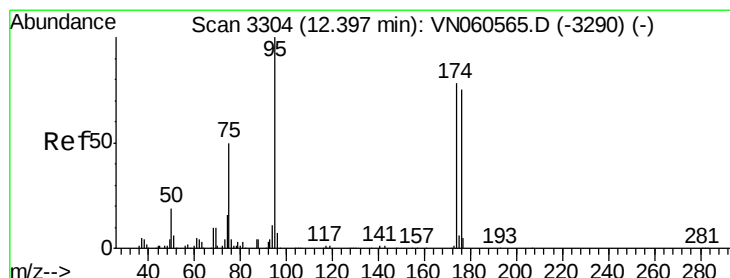
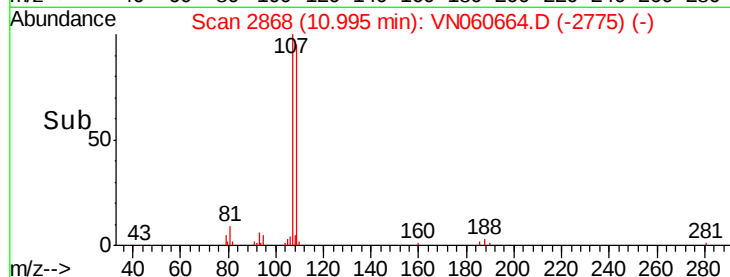
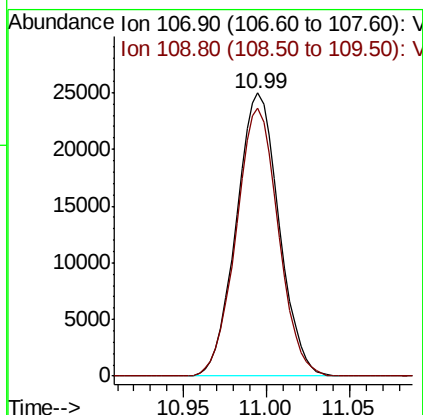
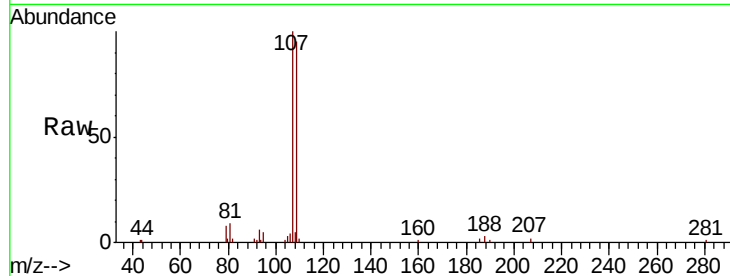
#61
 1,2-Dibromoethane
 Concen: 19.782 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. -0.00 min
 Lab File: VN060664.D
 Acq: 24 Mar 2020 12:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0324WBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.4	75.4	113.2

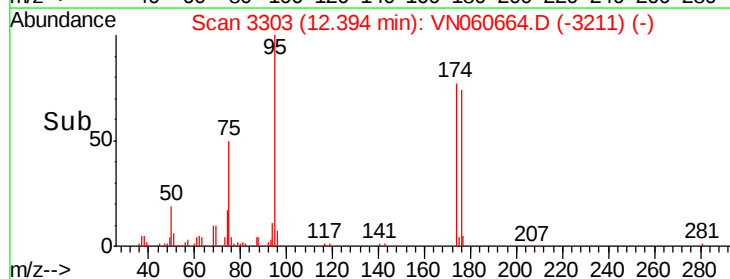
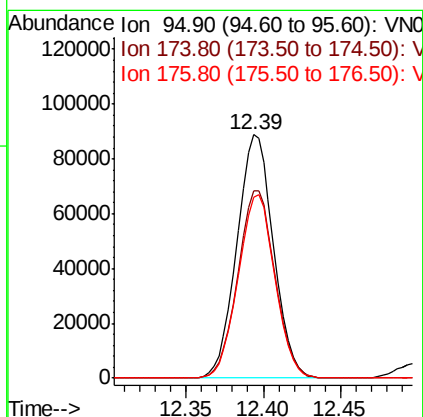
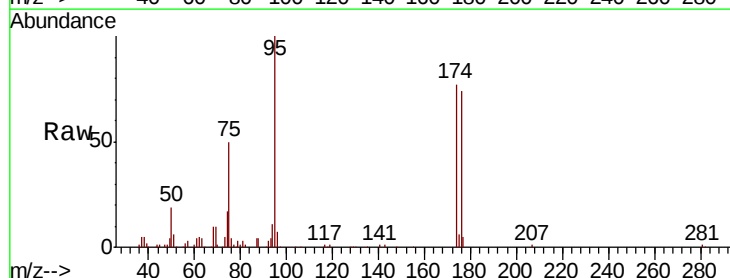
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#62
 4-Bromofluorobenzene
 Concen: 48.610 ug/l
 RT: 12.39 min Scan# 3303
 Delta R.T. -0.00 min
 Lab File: VN060664.D
 Acq: 24 Mar 2020 12:01

Tgt Ion	Ratio	Lower	Upper
95	100		
174	78.2	0.0	157.6
176	75.9	0.0	150.6





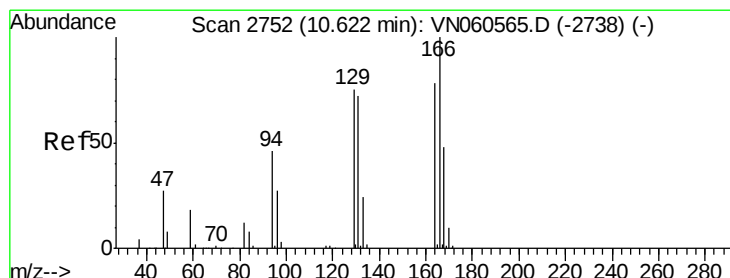
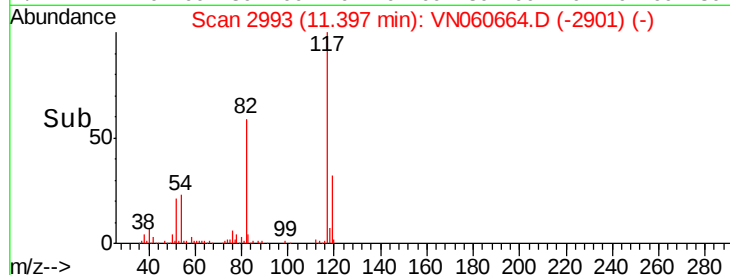
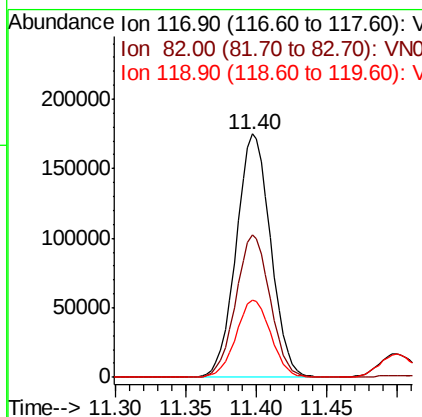
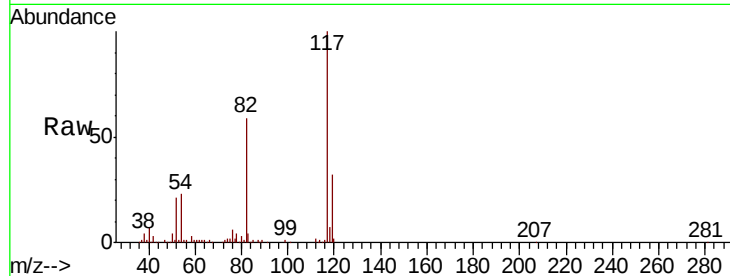
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2993
Delta R.T. -0.00 min
Lab File: VN060664.D
Acq: 24 Mar 2020 12:01

Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	299556		
82	58.6	46.7	70.1	
119	31.8	25.5	38.3	

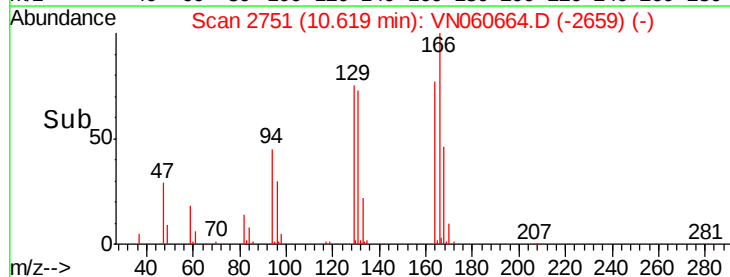
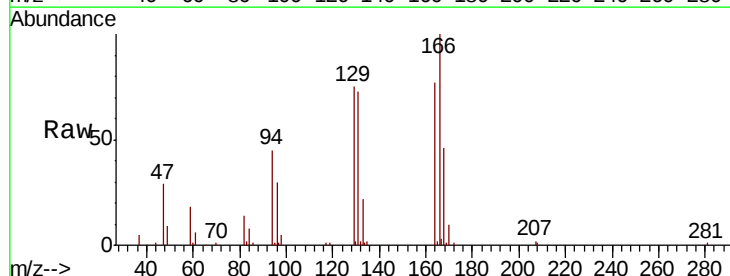
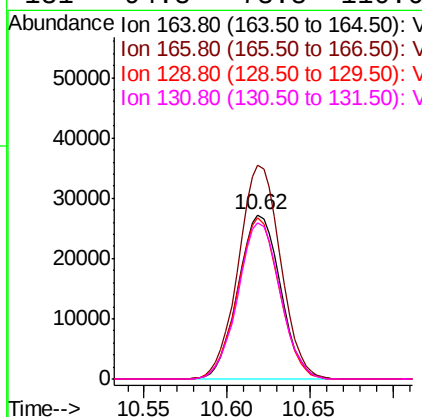
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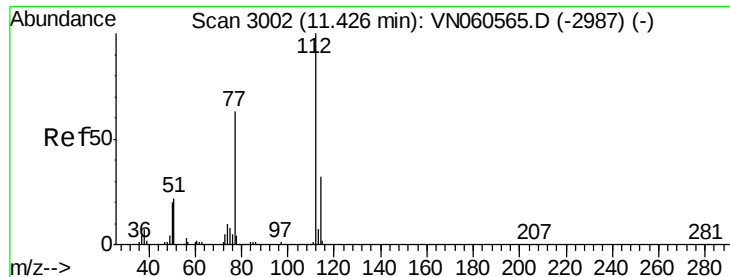
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#64
Tetrachloroethene
Concen: 20.620 ug/l
RT: 10.62 min Scan# 2751
Delta R.T. -0.00 min
Lab File: VN060664.D
Acq: 24 Mar 2020 12:01

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	48607		
166	130.1	102.7	154.1	
129	98.1	77.2	115.8	
131	94.8	73.8	110.6	





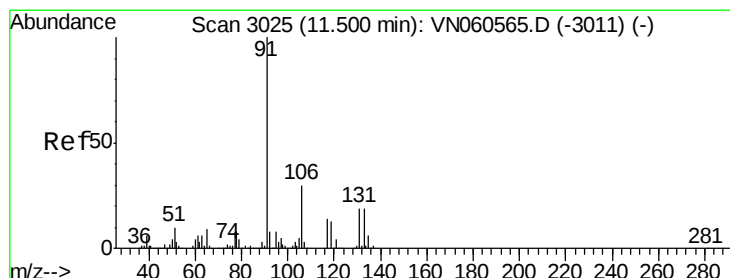
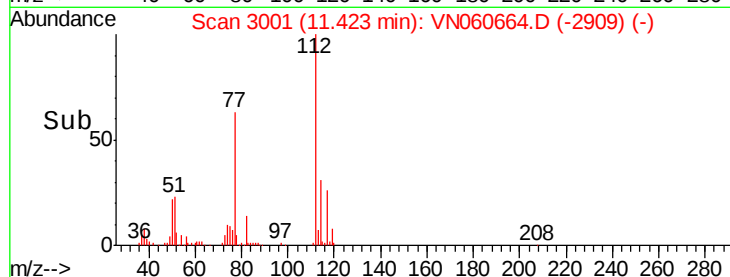
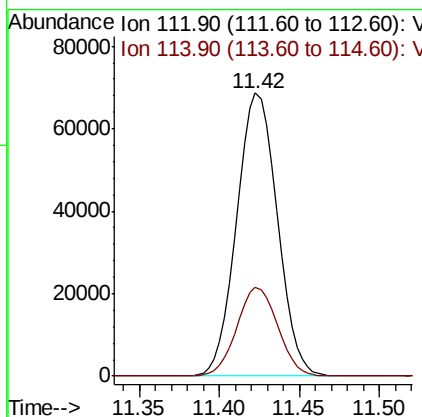
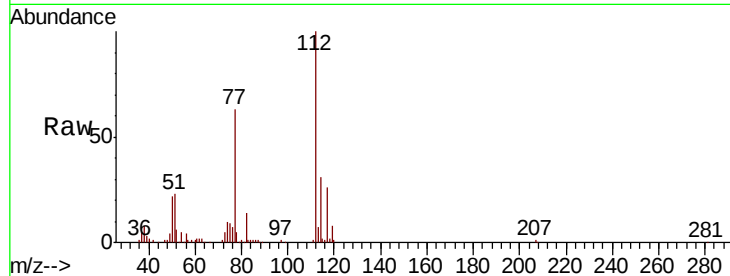
#65
Chlorobenzene
Concen: 20.020 ug/l
RT: 11.42 min Scan# 3001
Delta R.T. -0.00 min
Lab File: VN060664.D
Acq: 24 Mar 2020 12:01

Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.2	25.8	38.6

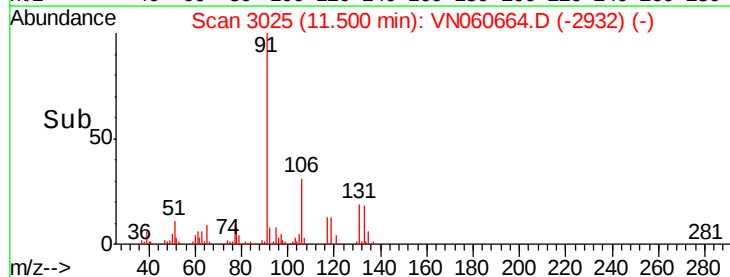
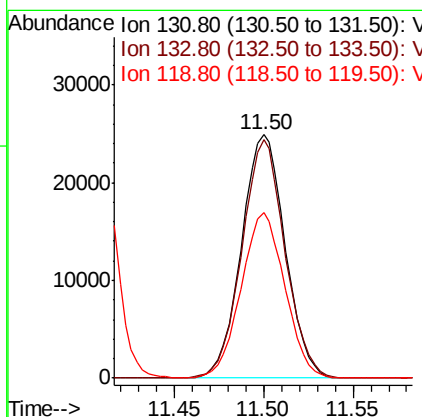
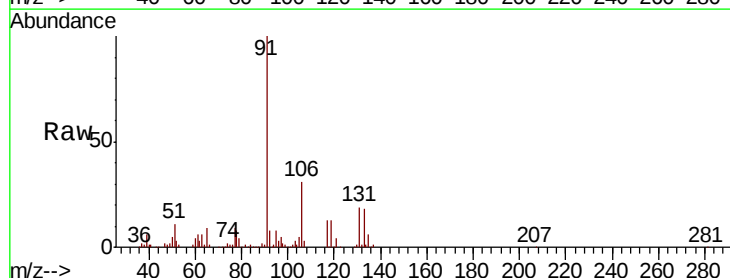
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.840 ug/l
RT: 11.50 min Scan# 3025
Delta R.T. -0.00 min
Lab File: VN060664.D
Acq: 24 Mar 2020 12:01

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.5	48.9	146.8
119	67.9	33.9	101.7





#67

Ethyl Benzene

Concen: 20.330 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. -0.00 min

Lab File: VN060664.D

Acq: 24 Mar 2020 12:01

Instrument :

MSVOA_N

ClientSampled :

VN0324WBS01

Tot Ion: 91 Resp: 224509

Ion Ratio Lower Upper

91 100

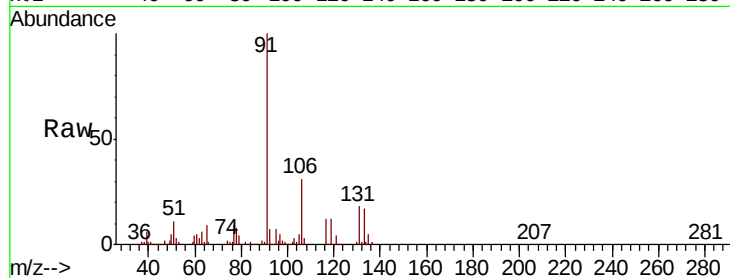
106 31.2 24.2 36.2

Manual Integrations

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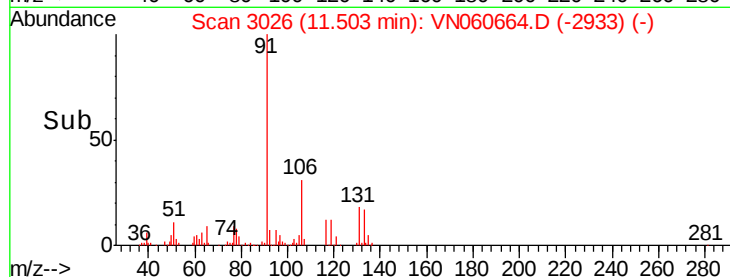


Abundance Ion 91.00 (90.70 to 91.70): VN060565.D (-3011) (-)

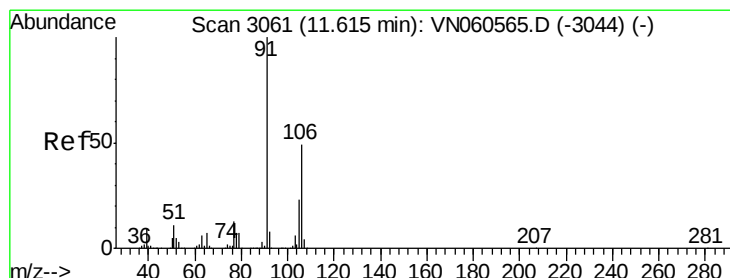
Ion 106.00 (105.70 to 106.70): VN060565.D (-3011) (-)

11.50

11.55



Time-->



#68

m/p-Xylenes

Concen: 39.866 ug/l

RT: 11.61 min Scan# 3060

Delta R.T. -0.00 min

Lab File: VN060664.D

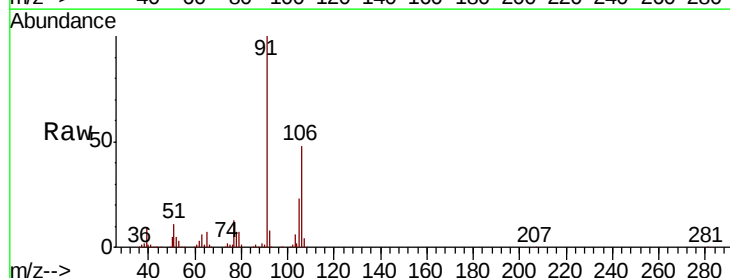
Acq: 24 Mar 2020 12:01

Tgt Ion: 106 Resp: 163600

Ion Ratio Lower Upper

106 100

91 207.8 165.0 247.4

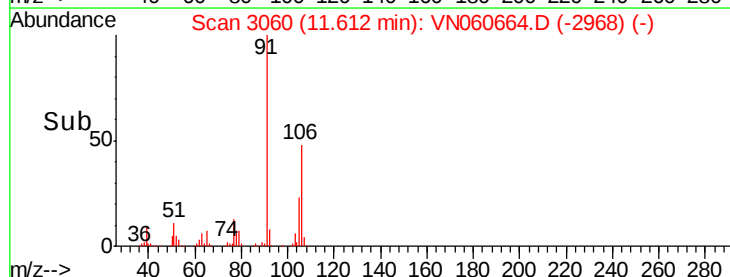


Abundance Ion 106.00 (105.70 to 106.70): VN060565.D (-3044) (-)

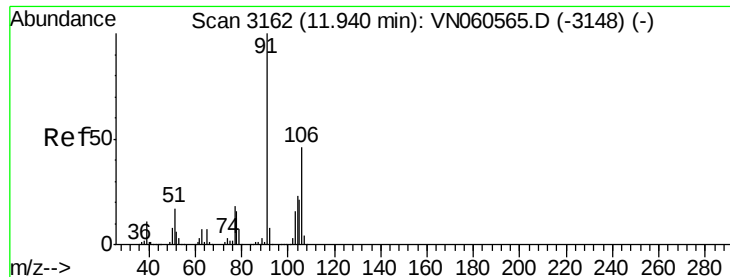
Ion 91.00 (90.70 to 91.70): VN060565.D (-3044) (-)

11.61

11.65



Time-->



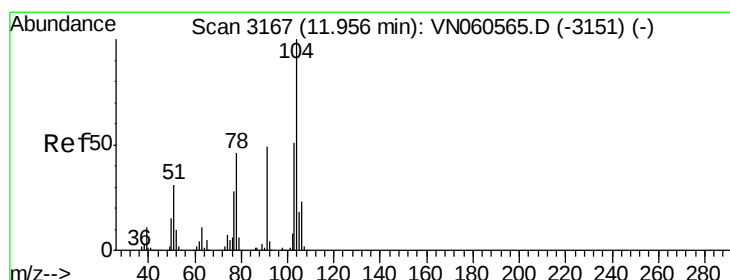
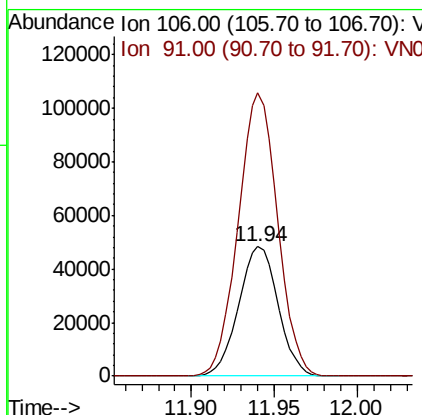
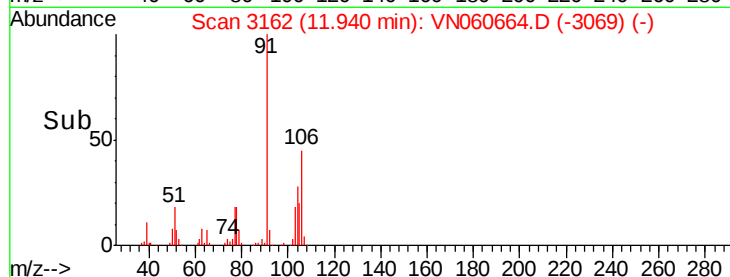
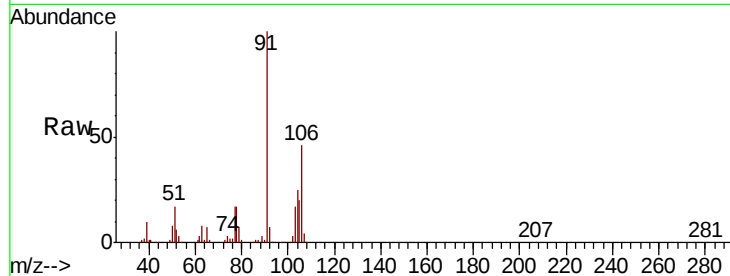
#69
o-Xylene
Concen: 20.439 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. -0.00 min
Lab File: VN060664.D
Acq: 24 Mar 2020 12:01

Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01

Tot Ion:106 Resp: 80070
Ion Ratio Lower Upper
106 100
91 218.1 109.5 328.4

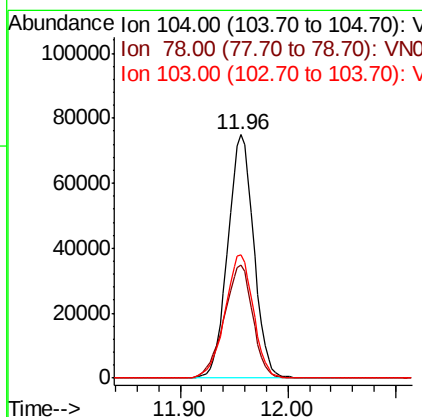
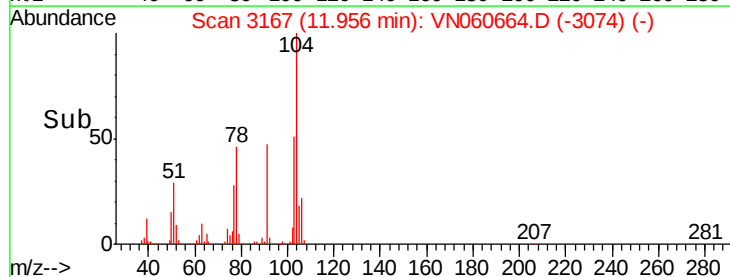
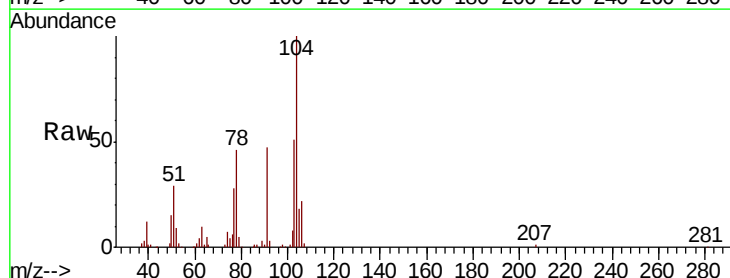
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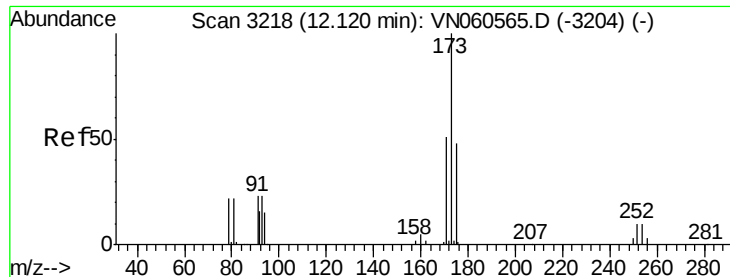
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#70
Styrene
Concen: 19.690 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. -0.00 min
Lab File: VN060664.D
Acq: 24 Mar 2020 12:01

Tgt Ion:104 Resp: 126159
Ion Ratio Lower Upper
104 100
78 51.1 41.2 61.8
103 55.2 44.0 66.0





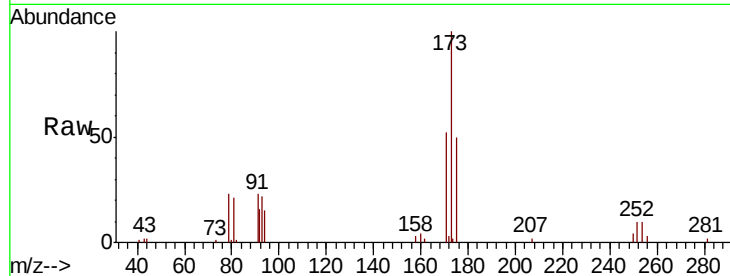
#71
Bromoform
Concen: 18.728 ug/l
RT: 12.12 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN060664.D
Acq: 24 Mar 2020 12:01

Instrument :
MSVOA_N
ClientSampled :
VN0324WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.8	24.1	72.4
254	0.0	0.0	0.0

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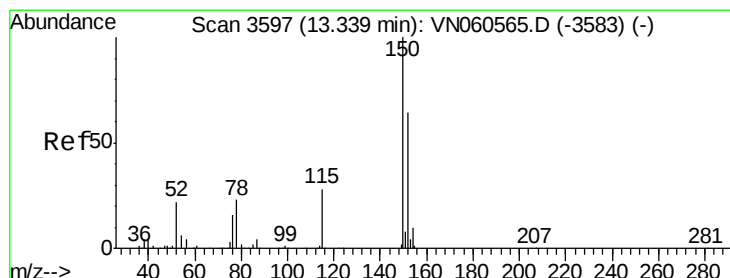
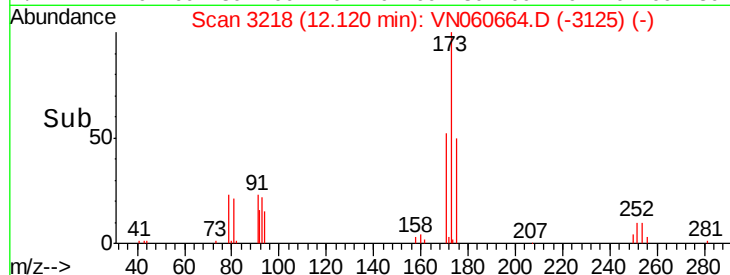
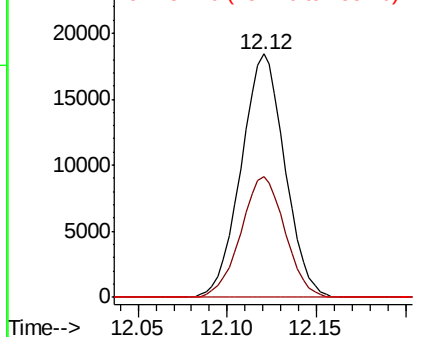


Abundance

Ion 172.70 (172.40 to 173.40): V

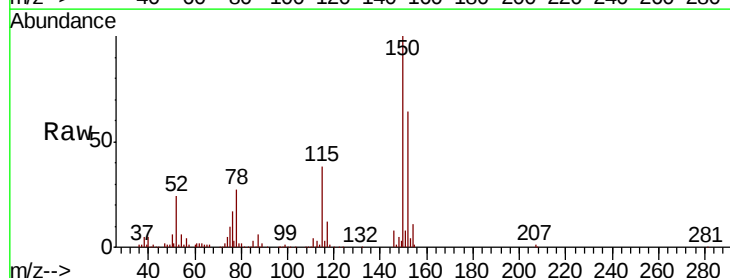
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. -0.00 min
Lab File: VN060664.D
Acq: 24 Mar 2020 12:01

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.7	30.2	90.6
150	162.8	0.0	350.2

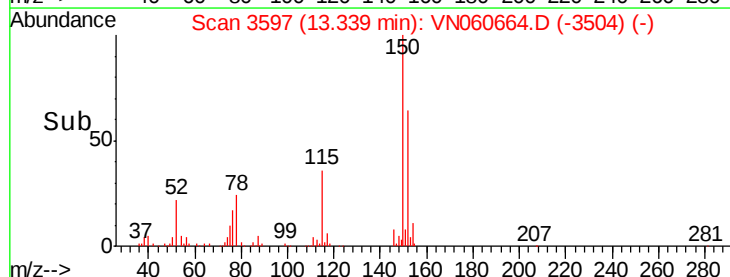
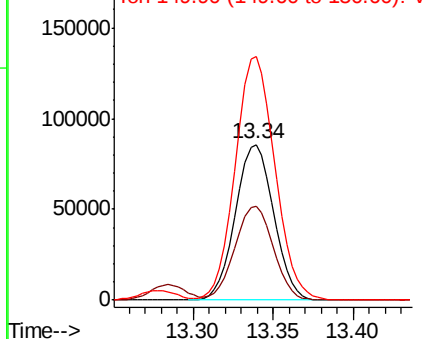


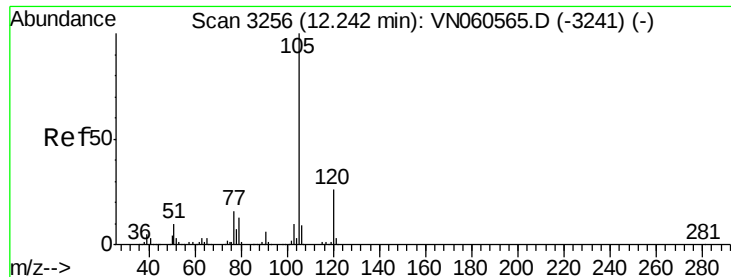
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.179 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. -0.00 min

Lab File: VN060664.D

Acq: 24 Mar 2020 12:01

Instrument :

MSVOA_N

ClientSampleId :

VN0324WBS01

Tot Ion: 105 Resp: 211036

Ion Ratio Lower Upper

105 100

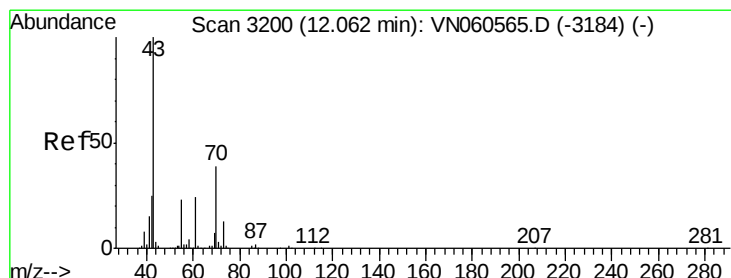
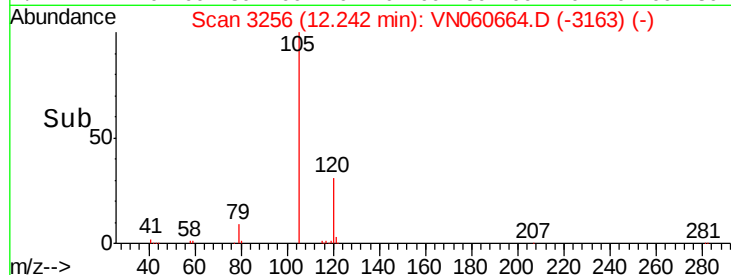
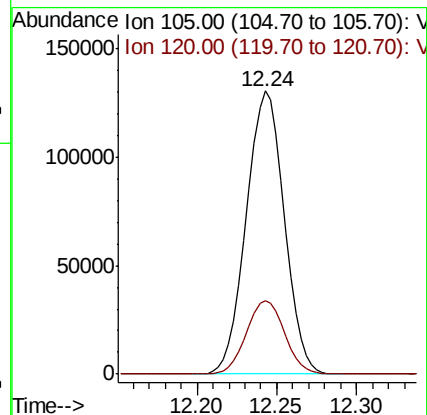
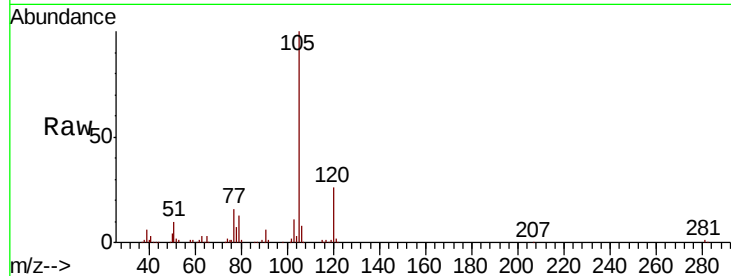
120 26.1 13.1 39.1

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#74

N-ethyl acetate

Concen: 19.128 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. -0.00 min

Lab File: VN060664.D

Acq: 24 Mar 2020 12:01

Tgt Ion: 43 Resp: 92440

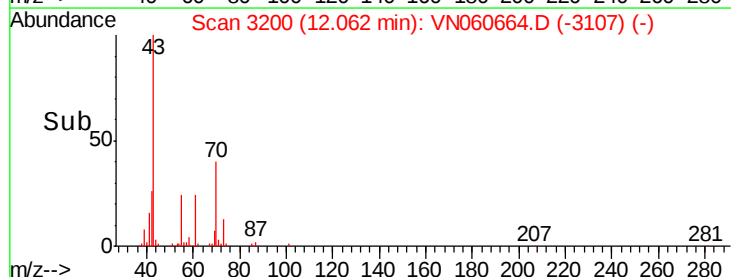
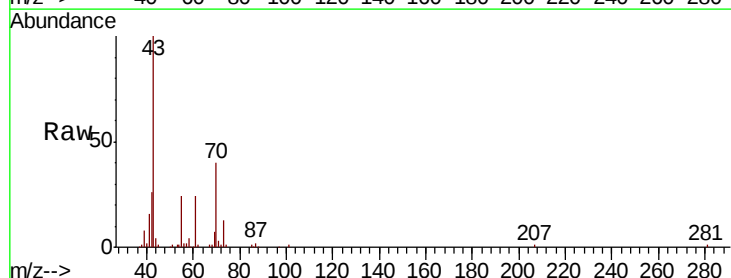
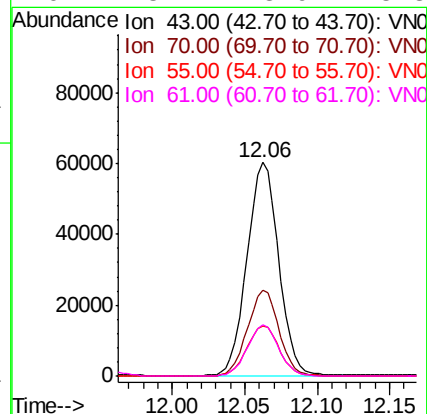
Ion Ratio Lower Upper

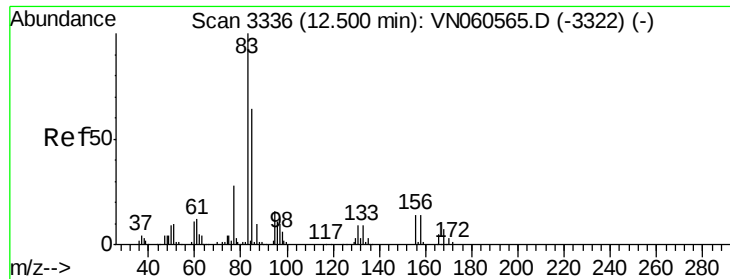
43 100

70 39.5 31.1 46.7

55 23.9 18.6 27.8

61 23.4 18.9 28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 19.519 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN060664.D

Acq: 24 Mar 2020 12:01

Instrument :

MSVOA_N

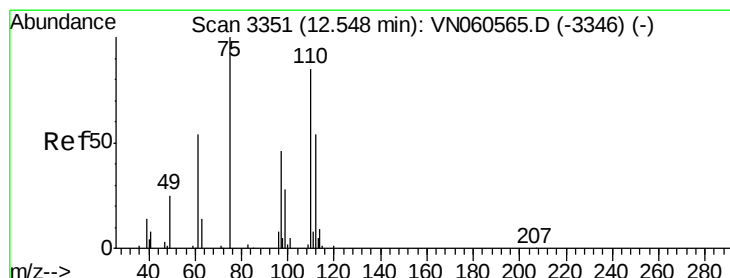
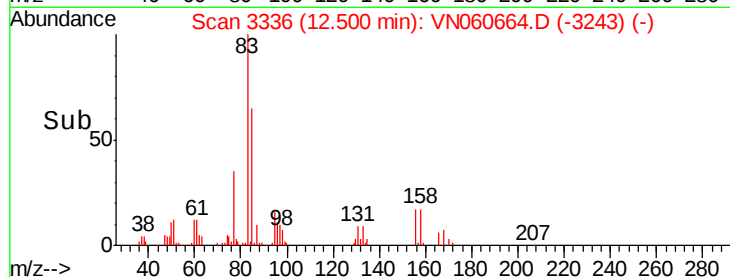
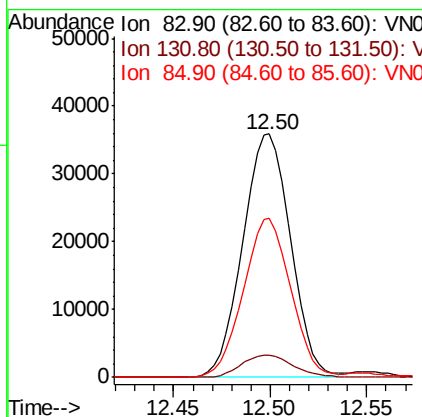
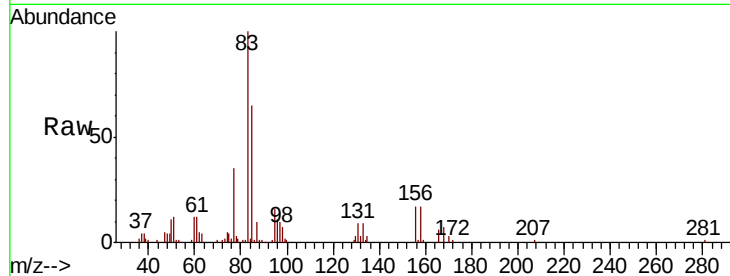
ClientSampleId :

VN0324WBS01

Tot Ion:	83	Resp:	61732
Ion Ratio	Lower	Upper	
83	100		
131	9.8	4.9	14.7
85	64.5	32.5	97.4

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 18.693 ug/l m

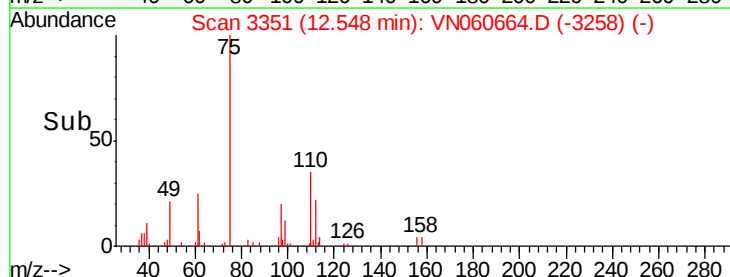
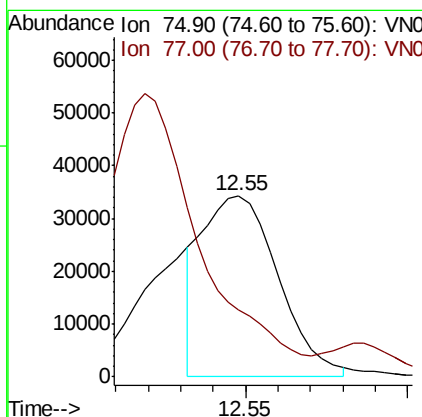
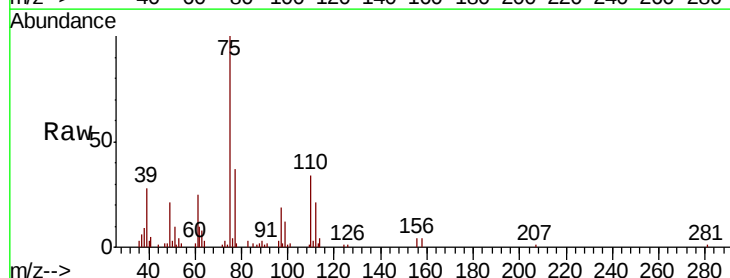
RT: 12.55 min Scan# 3351

Delta R.T. -0.00 min

Lab File: VN060664.D

Acq: 24 Mar 2020 12:01

Tgt Ion:	75	Resp:	56211
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





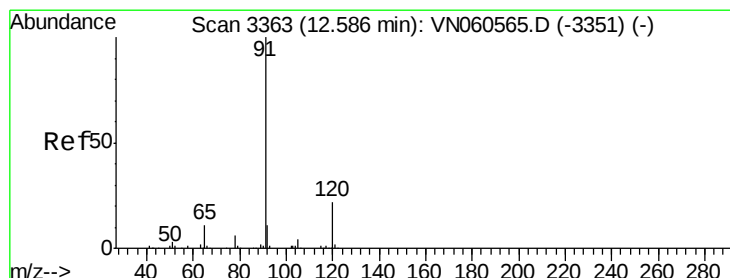
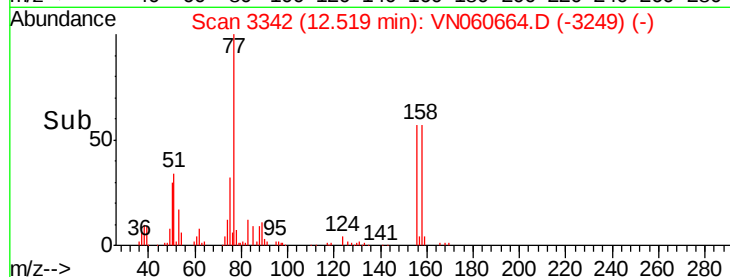
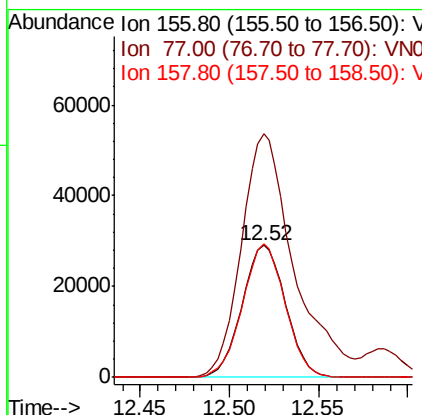
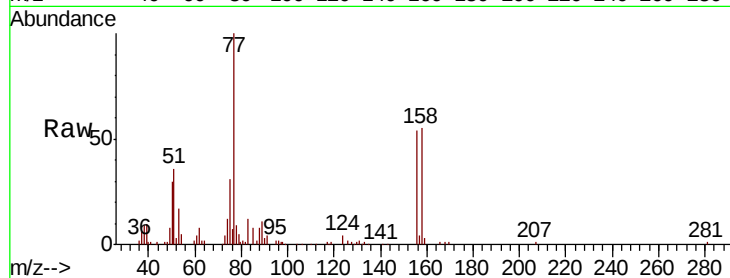
#77
Bromobenzene
Concen: 19.684 ug/l
RT: 12.52 min Scan# 3342
Delta R.T. -0.00 min
Lab File: VN060664.D
Acq: 24 Mar 2020 12:01

Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	222.9	112.3	337.0
158	98.9	48.6	145.8

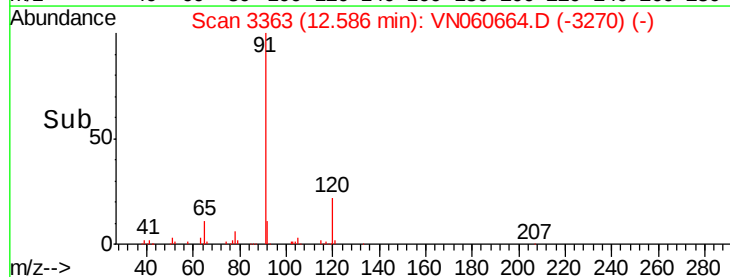
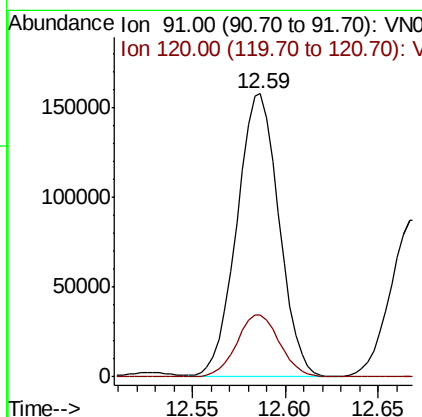
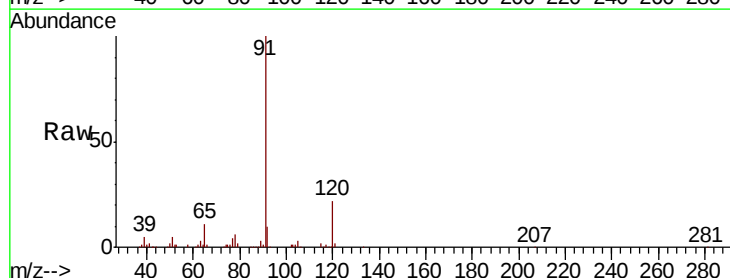
Manual Integrations
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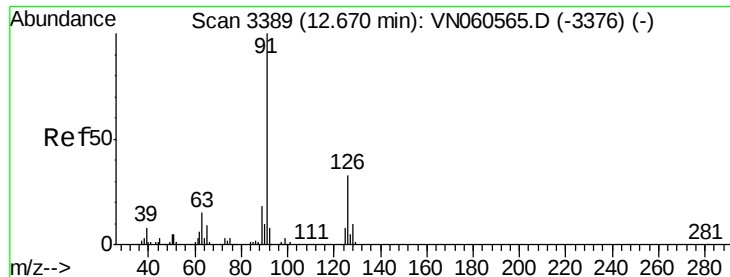
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#78
n-propylbenzene
Concen: 20.130 ug/l
RT: 12.59 min Scan# 3363
Delta R.T. -0.00 min
Lab File: VN060664.D
Acq: 24 Mar 2020 12:01

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.3	11.3	33.8





#79

2-Chlorotoluene

Concen: 19.692 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VN060664.D

Acq: 24 Mar 2020 12:01

Instrument :

MSVOA_N

ClientSampled :

VN0324WBS01

Tot Ion: 91 Resp: 145377

Ion Ratio Lower Upper

91 100

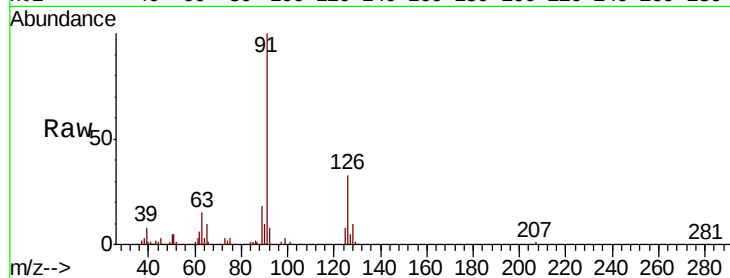
126 32.9 16.4 49.1

Manual Integrations

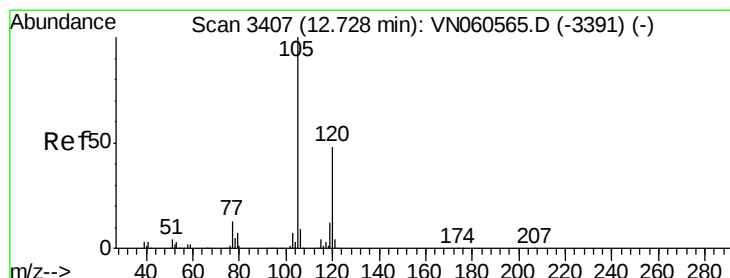
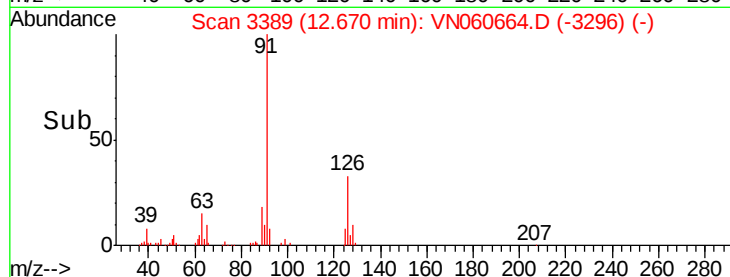
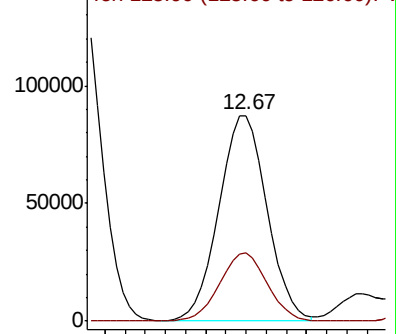
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Abundance Ion 91.00 (90.70 to 91.70): VN060664.D (-3376) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.112 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. -0.00 min

Lab File: VN060664.D

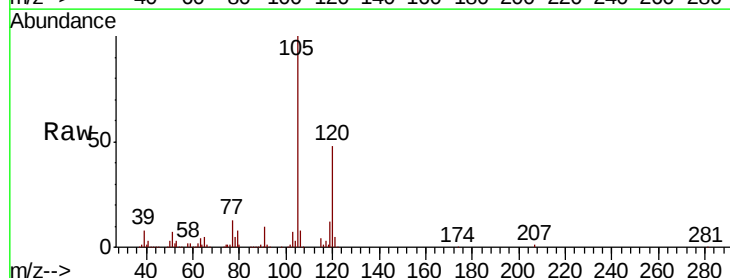
Acq: 24 Mar 2020 12:01

Tgt Ion: 105 Resp: 178499

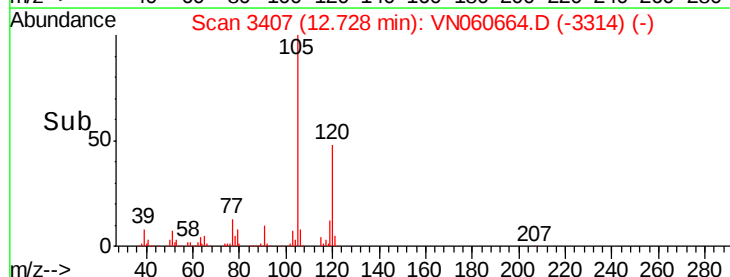
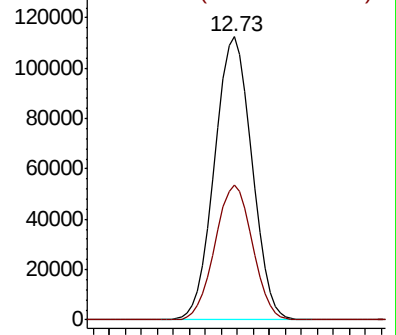
Ion Ratio Lower Upper

105 100

120 47.8 23.9 71.7



Abundance Ion 105.00 (104.70 to 105.70): VN060664.D (-3391) (-)





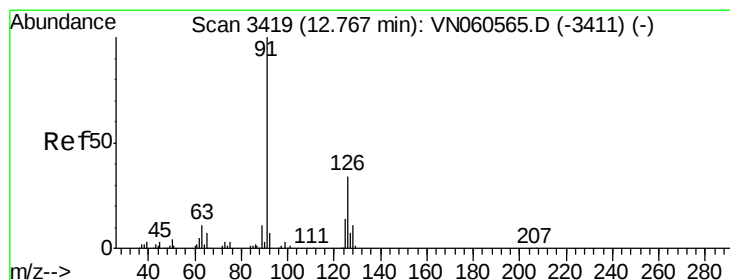
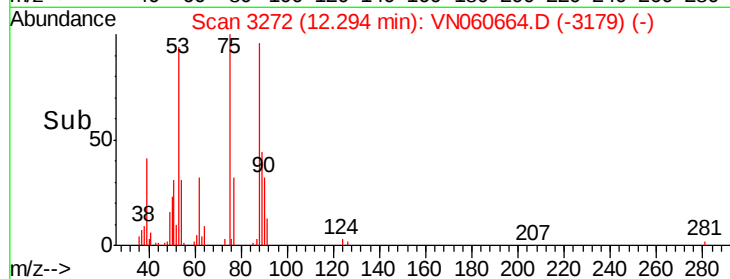
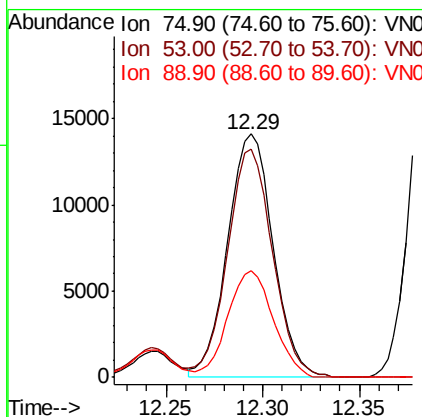
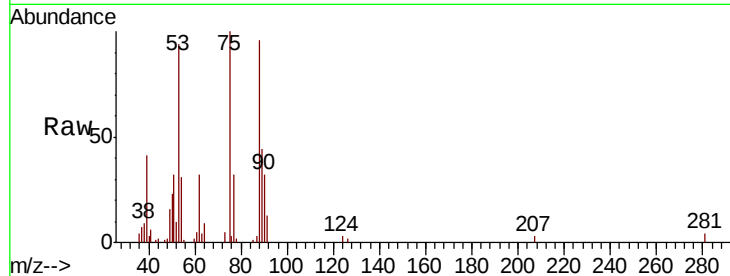
#81
trans-1,4-Dichloro-2-butene
Concen: 19.676 ug/l
RT: 12.29 min Scan# 3272
Delta R.T. -0.00 min
Lab File: VN060664.D
Acq: 24 Mar 2020 12:01

Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	93.3	73.0	109.4
89	43.9	34.8	52.2

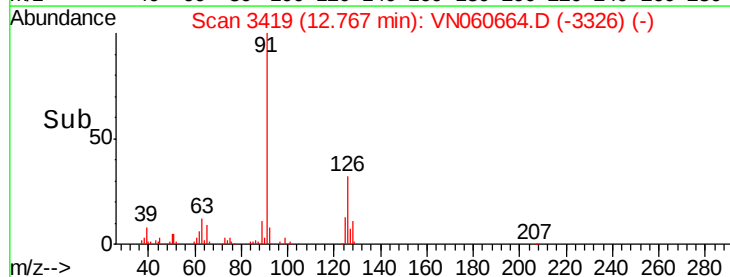
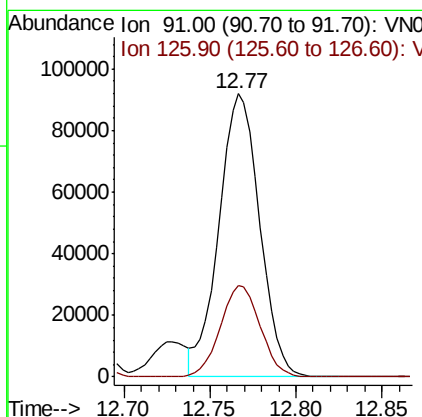
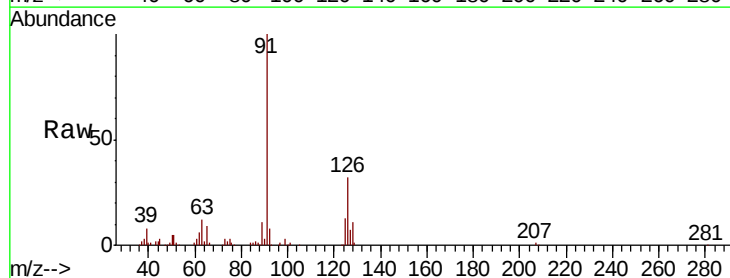
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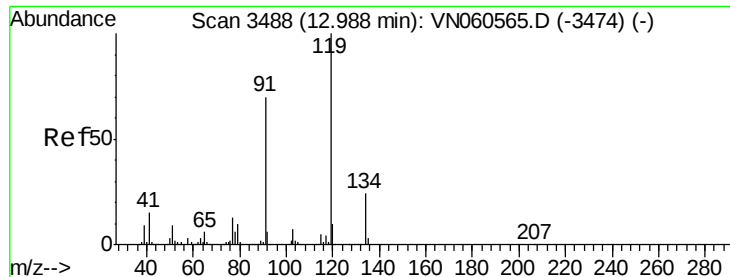
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#82
4-Chlorotoluene
Concen: 20.177 ug/l
RT: 12.77 min Scan# 3419
Delta R.T. -0.00 min
Lab File: VN060664.D
Acq: 24 Mar 2020 12:01

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.7	16.2	48.5





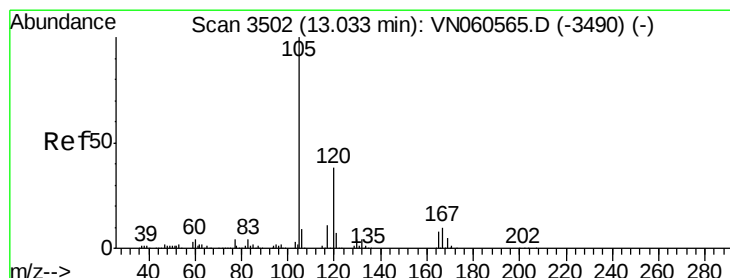
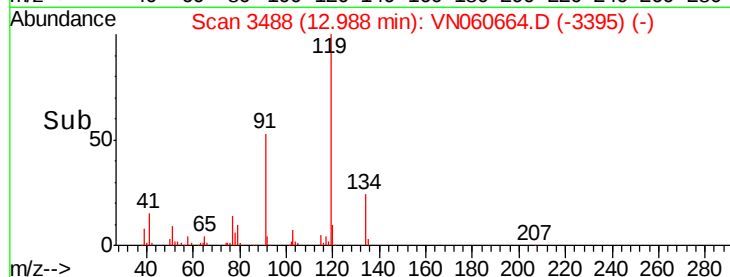
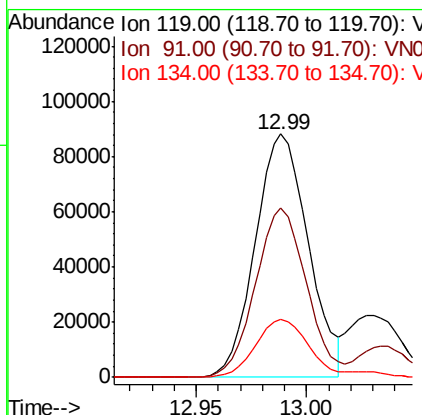
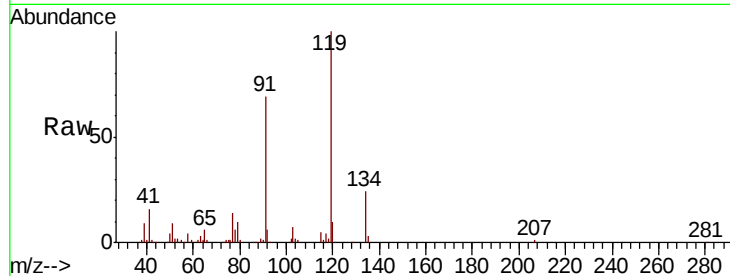
#83
tert-Butylbenzene
Concen: 20.036 ug/l
RT: 12.99 min Scan# 3488
Delta R.T. -0.00 min
Lab File: VN060664.D
Acq: 24 Mar 2020 12:01

Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	67.1	34.0	101.8
134	23.7	12.7	38.0

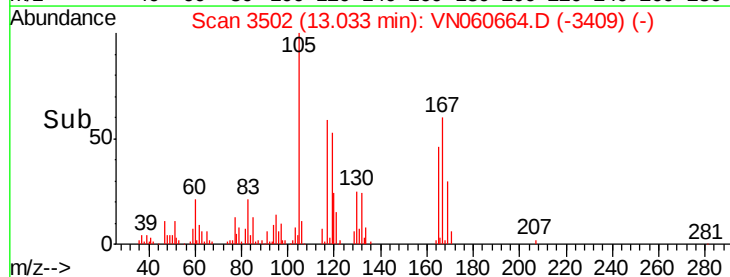
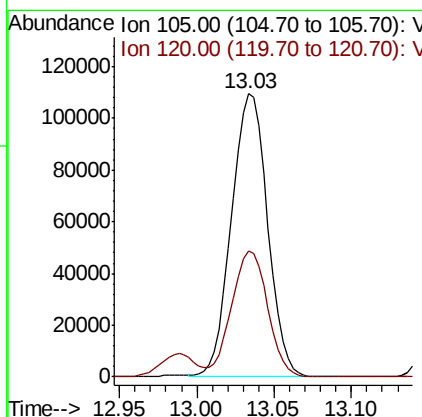
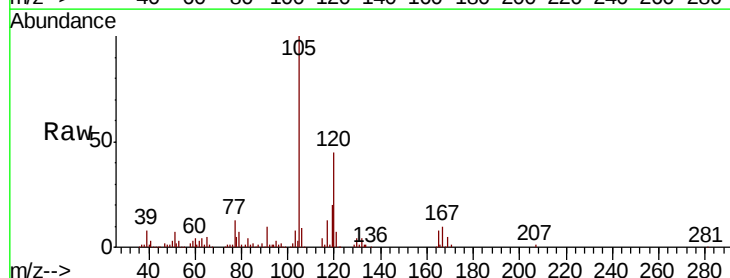
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#84
1,2,4-Trimethylbenzene
Concen: 20.191 ug/l
RT: 13.03 min Scan# 3502
Delta R.T. -0.00 min
Lab File: VN060664.D
Acq: 24 Mar 2020 12:01

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.6	22.1	66.5





#85

sec-Butylbenzene

Concen: 19.941 ug/l

RT: 13.17 min Scan# 3543

Delta R.T. -0.00 min

Lab File: VN060664.D

Acq: 24 Mar 2020 12:01

Instrument :

MSVOA_N

ClientSampled :

VN0324WBS01

Tot Ion:105 Resp: 197285

Ion Ratio Lower Upper

105 100

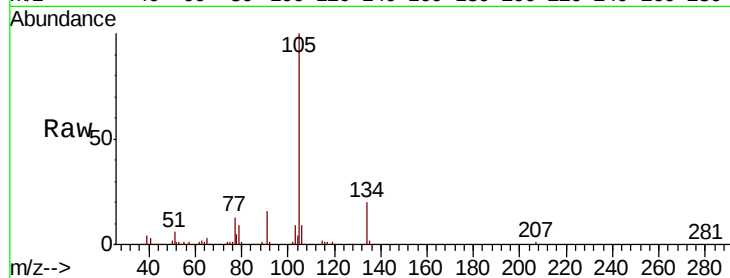
134 19.8 9.6 28.8

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

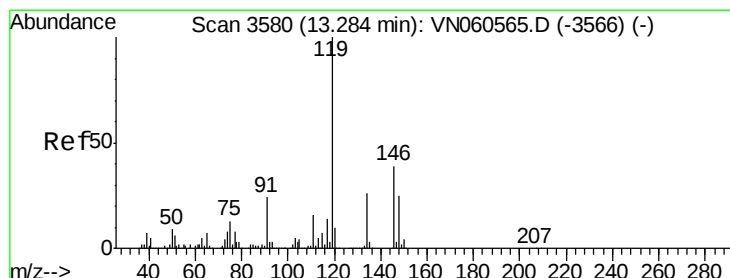
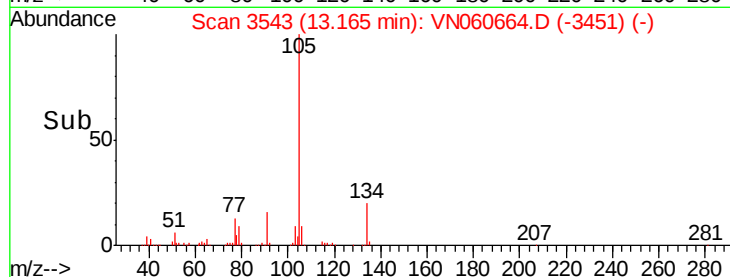
13.17

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 20.029 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.00 min

Lab File: VN060664.D

Acq: 24 Mar 2020 12:01

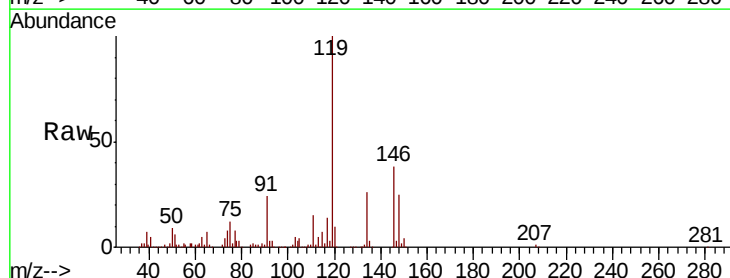
Tgt Ion:119 Resp: 178182

Ion Ratio Lower Upper

119 100

134 25.8 13.0 39.0

91 23.9 12.0 36.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.28

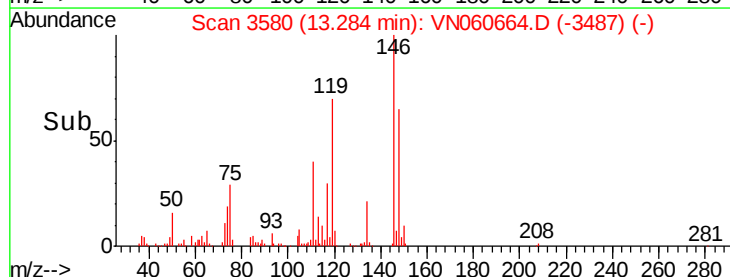
150000

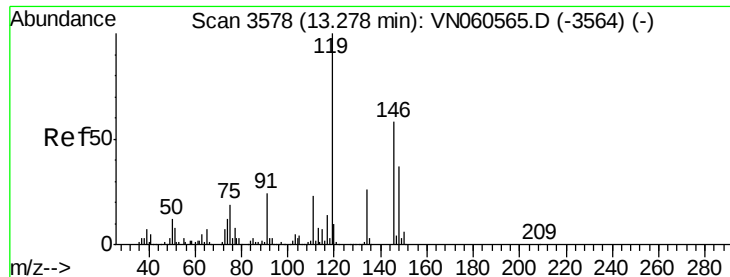
100000

50000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 20.216 ug/l

RT: 13.28 min Scan# 3578

Delta R.T. -0.00 min

Lab File: VN060664.D

Acq: 24 Mar 2020 12:01

Instrument :

MSVOA_N

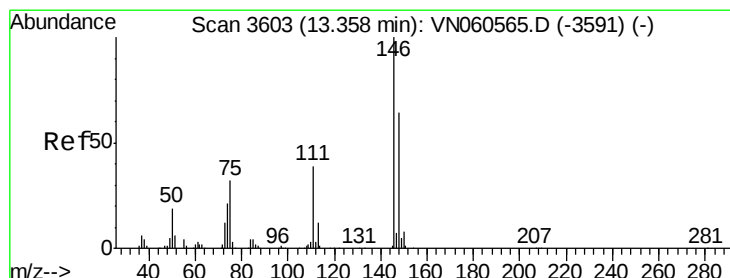
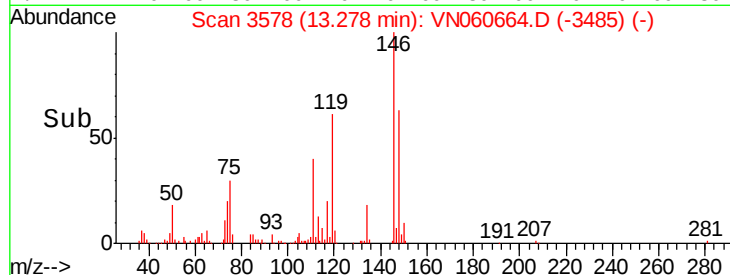
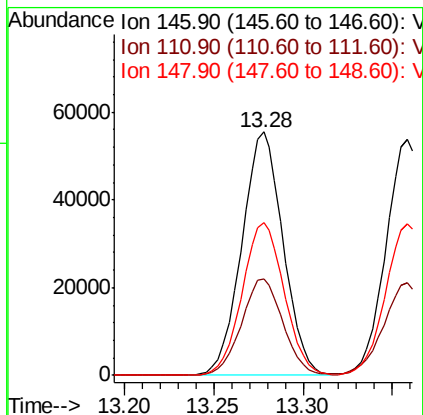
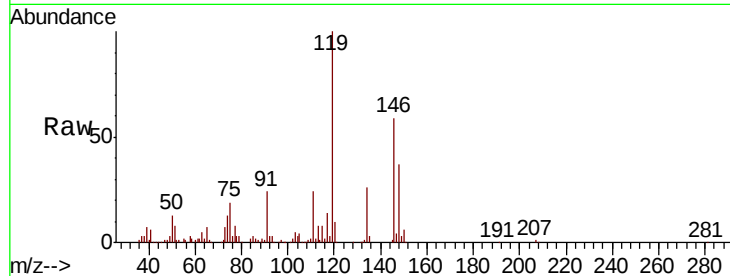
ClientSampleId :

VN0324WBS01

Tot Ion:	146	Resp:	89853
Ion Ratio	Lower	Upper	
146	100		
111	39.9	20.3	60.8
148	63.8	32.5	97.4

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#88

1,4-Dichlorobenzene

Concen: 19.591 ug/l

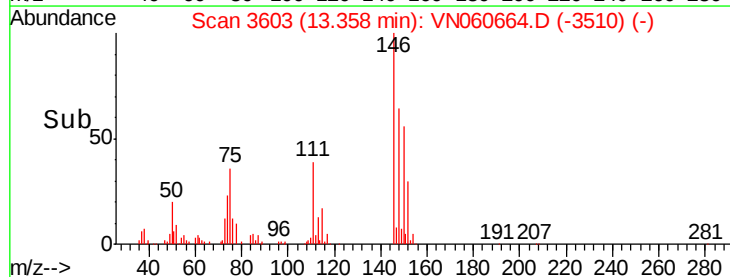
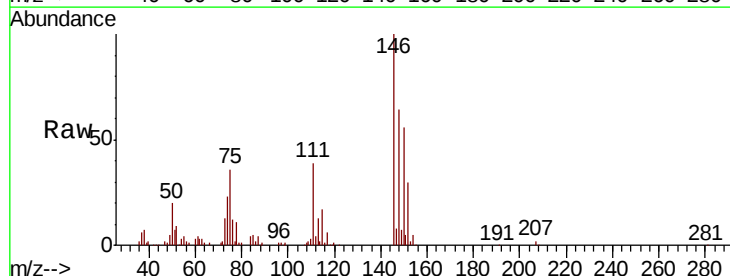
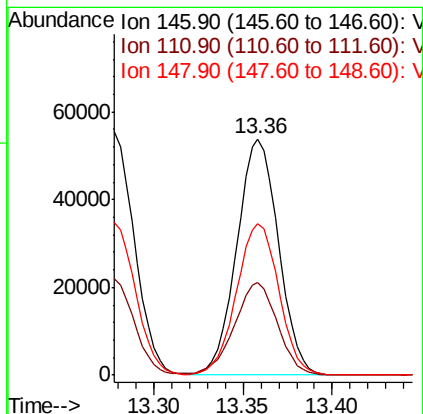
RT: 13.36 min Scan# 3603

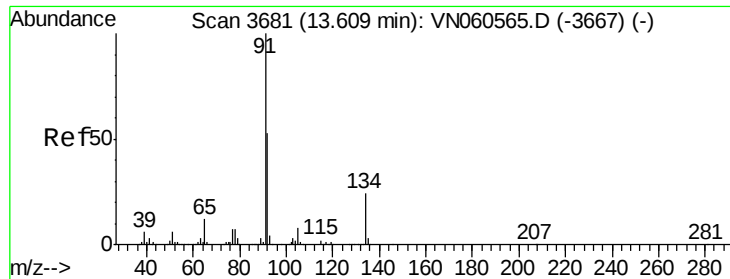
Delta R.T. -0.00 min

Lab File: VN060664.D

Acq: 24 Mar 2020 12:01

Tgt Ion:	146	Resp:	87482
Ion Ratio	Lower	Upper	
146	100		
111	40.6	19.6	58.7
148	65.1	32.1	96.3





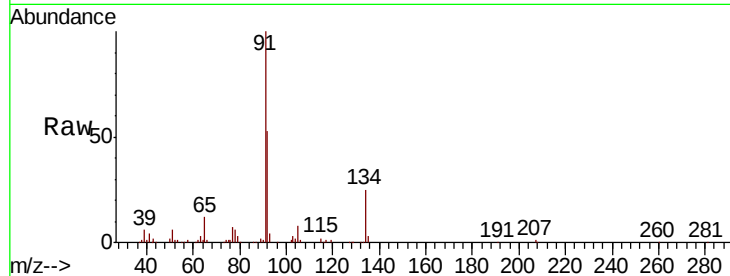
#89
n-Butylbenzene
Concen: 20.080 ug/l
RT: 13.61 min Scan# 3681
Delta R.T. -0.00 min
Lab File: VN060664.D
Acq: 24 Mar 2020 12:01

Instrument :
MSVOA_N
ClientSampled :
VN0324WBS01

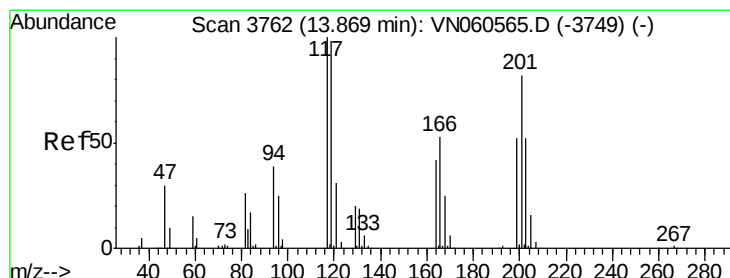
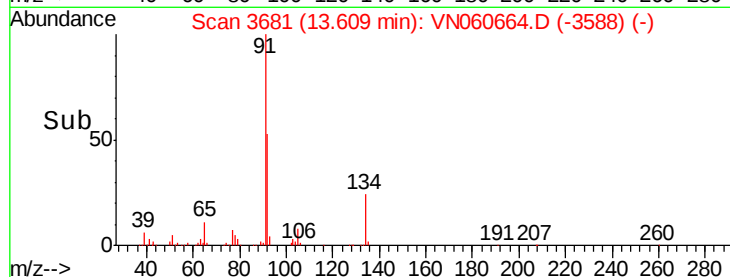
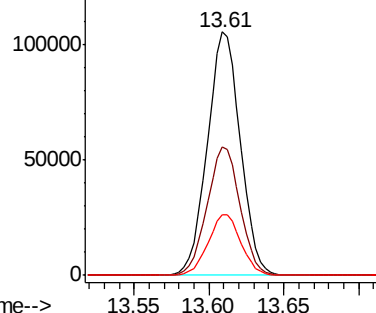
Tot Ion	Ratio	Lower	Upper
91	100		
92	52.7	26.2	78.5
134	24.7	12.3	36.9

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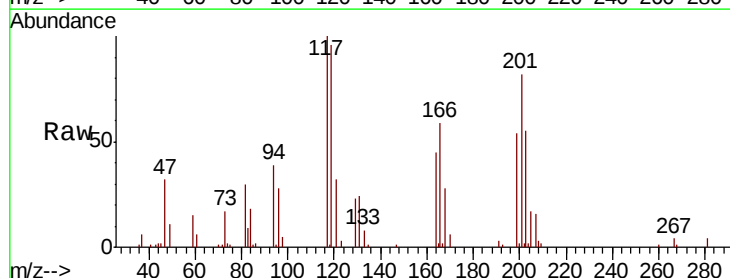


Abundance Ion 91.00 (90.70 to 91.70): VN060565.D (-3667) (-)
Ion 92.00 (91.70 to 92.70): VN060565.D (-3667) (-)
Ion 134.00 (133.70 to 134.70): VN060565.D (-3667) (-)

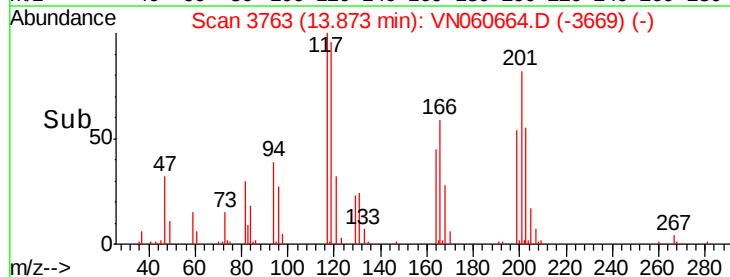
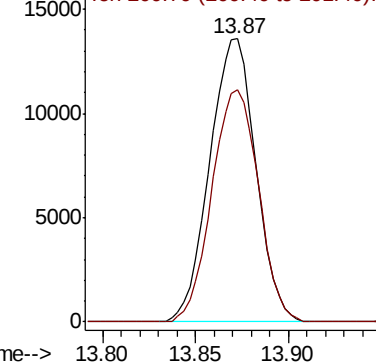


#90
Hexachloroethane
Concen: 18.139 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN060664.D
Acq: 24 Mar 2020 12:01

Tgt Ion	Ratio	Lower	Upper
117	100		
201	82.7	40.8	122.5



Abundance Ion 116.80 (116.50 to 117.50): VN060565.D (-3749) (-)
Ion 200.70 (200.40 to 201.40): VN060565.D (-3749) (-)





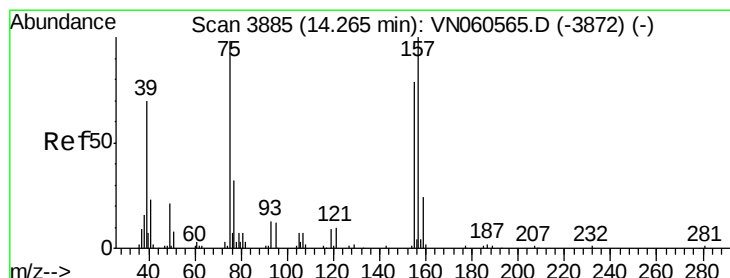
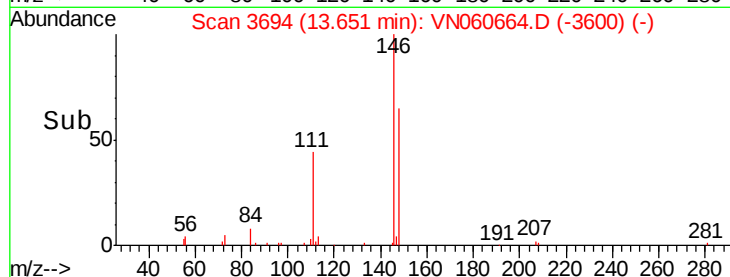
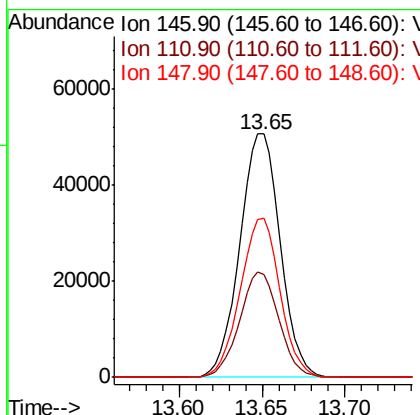
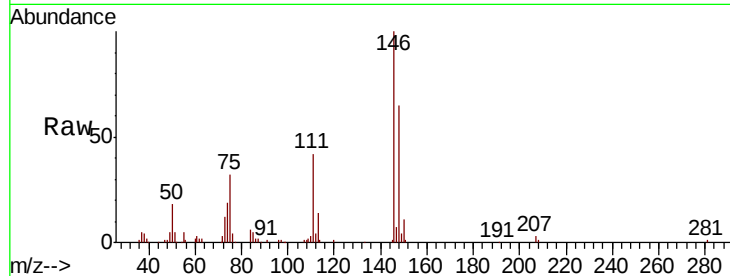
#91
 1,2-Dichlorobenzene
 Concen: 20.189 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN060664.D
 Acq: 24 Mar 2020 12:01

Instrument :
 MSVOA_N
 ClientSampled :
 VN0324WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.7	21.0	63.0
148	64.0	31.9	95.5

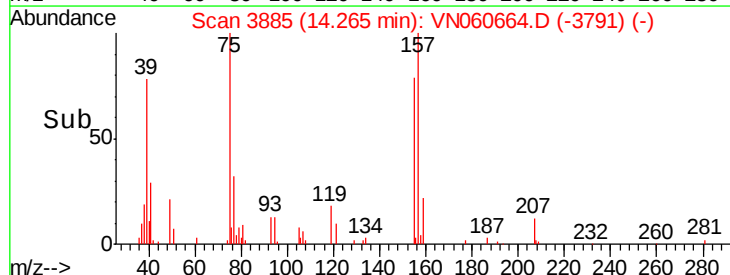
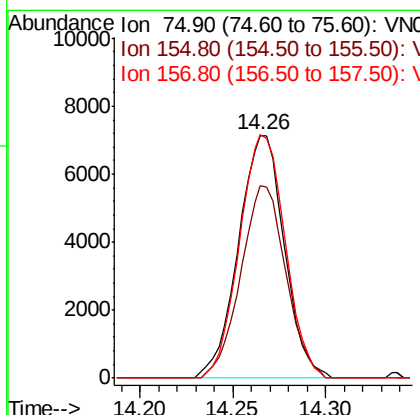
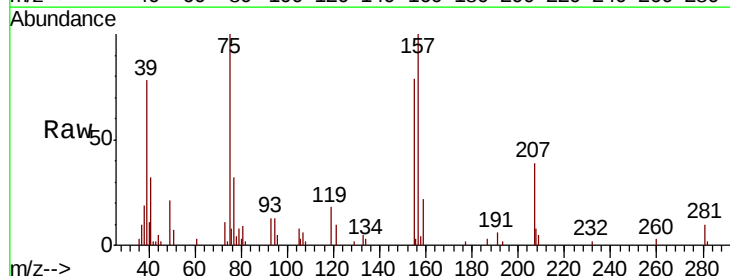
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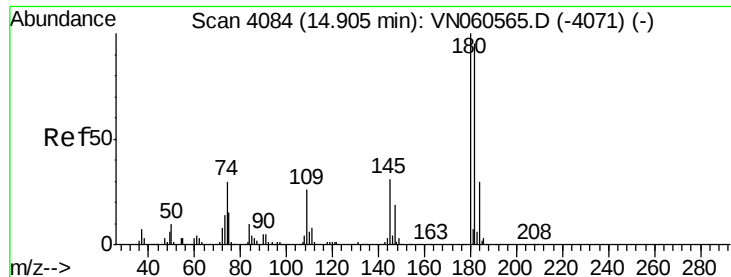
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.329 ug/l
 RT: 14.26 min Scan# 3885
 Delta R.T. 0.00 min
 Lab File: VN060664.D
 Acq: 24 Mar 2020 12:01

Tgt Ion	Ratio	Lower	Upper
75	100		
155	77.8	40.7	122.1
157	99.5	51.5	154.7





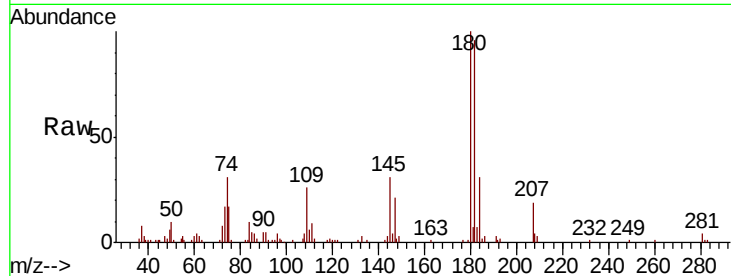
#93
 1,2,4-Trichlorobenzene
 Concen: 19.973 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. -0.00 min
 Lab File: VN060664.D
 Acq: 24 Mar 2020 12:01

Instrument :
 MSVOA_N
 ClientSampled :
 VN0324WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	52126		
182	96.1	47.9	143.8	
145	30.5	15.4	46.2	

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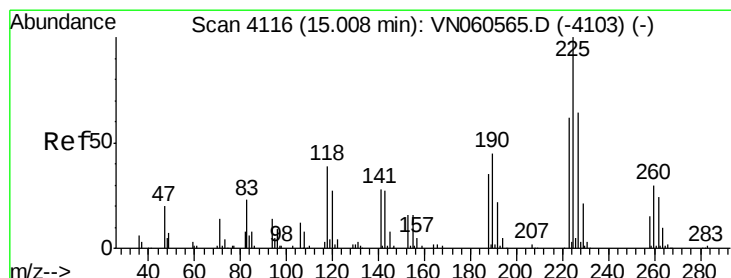
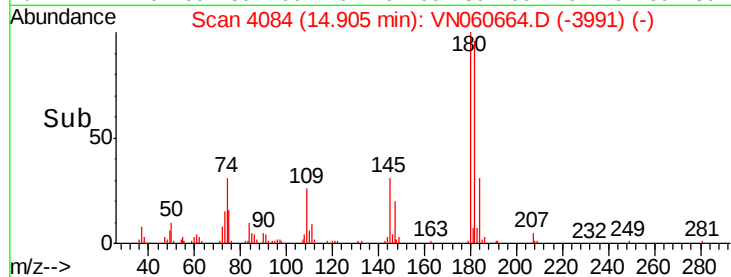
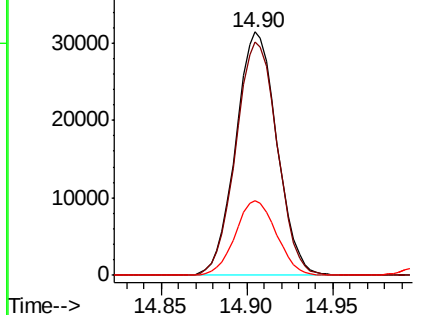


Abundance

Ion 179.80 (179.50 to 180.50): V

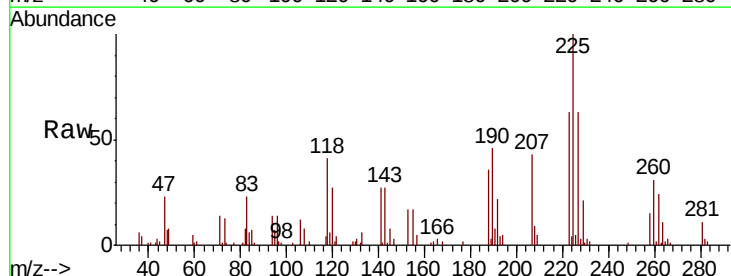
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 20.455 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN060664.D
 Acq: 24 Mar 2020 12:01

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	26170		
223	62.4	31.6	95.0	
227	62.2	32.3	96.8	

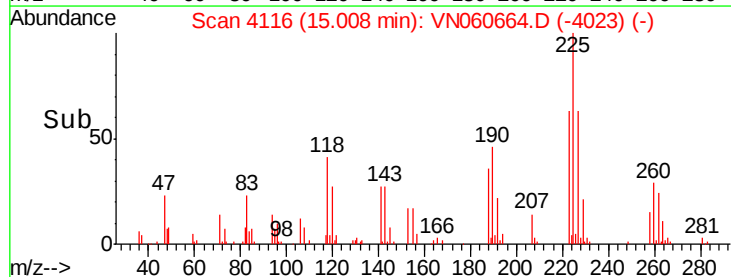
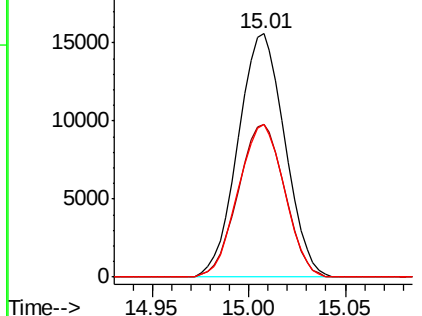


Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





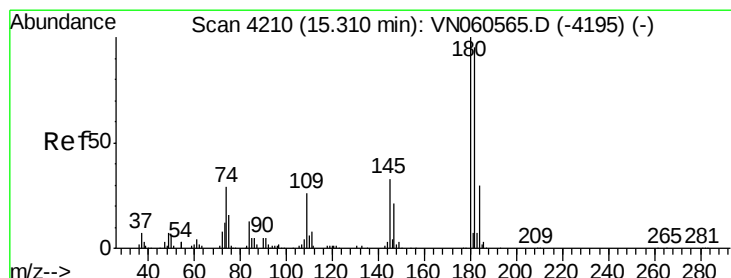
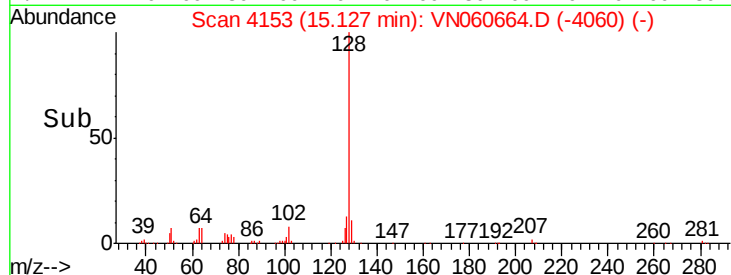
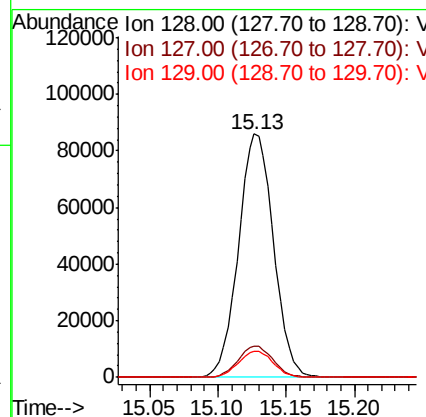
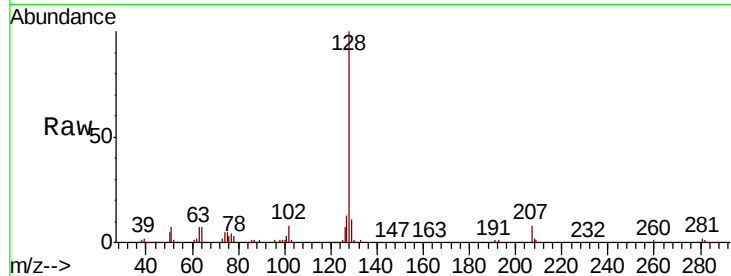
#95
Naphthalene
Concen: 19.492 ug/l
RT: 15.13 min Scan# 4153
Delta R.T. -0.00 min
Lab File: VN060664.D
Acq: 24 Mar 2020 12:01

Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
128	100				
127	12.7		10.2	15.2	
129	10.7		8.8	13.2	

Manual Integrations
APPROVED

MMDadoda
3/25/2020 10:20:14 PM



#96
1,2,3-Trichlorobenzene
Concen: 19.583 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. -0.00 min
Lab File: VN060664.D
Acq: 24 Mar 2020 12:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100				
182	96.0		47.5	142.6	
145	32.8		16.3	48.8	

