

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN030920\
 Data File : VN060390.D
 Acq On : 9 Mar 2020 9:32
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 3/10/2020 10:45:55 AM

Quant Time: Mar 09 16:30:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 27 13:52:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	207821	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	338677	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	315811	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	153810	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	128594	48.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.46%	
35) Dibromofluoromethane	7.56	113	94697	60.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.48%	
50) Toluene-d8	10.08	98	375540	47.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.40%	
62) 4-Bromofluorobenzene	12.40	95	144186	47.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.62%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.83	85	80218	42.10	ug/l	99
3) Chloromethane	2.03	50	137098	41.33	ug/l	99
4) Vinyl Chloride	2.16	62	113745	39.98	ug/l	99
5) Bromomethane	2.54	94	45176	38.92	ug/l	98
6) Chloroethane	2.68	64	65335	42.39	ug/l	94
7) Trichlorofluoromethane	3.00	101	153141	42.13	ug/l	99
8) Diethyl Ether	3.38	74	62083	45.24	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.73	101	89483	43.50	ug/l	98
10) Methyl Iodide	3.92	142	81437	43.38	ug/l	99
11) Tert butyl alcohol	4.73	59	91805	231.88	ug/l	100
12) 1,1-Dichloroethene	3.71	96	89237	44.69	ug/l	97
13) Acrolein	3.57	56	100286	271.51	ug/l	99
14) Allyl chloride	4.29	41	155885	42.35	ug/l	92
15) Acrylonitrile	4.94	53	257484	246.73	ug/l	99
16) Acetone	3.78	43	183595	213.22	ug/l	100
17) Carbon Disulfide	4.03	76	223309	42.03	ug/l	100
18) Methyl Acetate	4.28	43	135534	47.17	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	346002	47.73	ug/l	97
20) Methylene Chloride	4.52	84	104810	44.32	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	95595	44.52	ug/l	95
22) Diisopropyl ether	5.91	45	367816	49.33	ug/l	97
23) Vinyl Acetate	5.86	43	1459112	246.25	ug/l	99
24) 1,1-Dichloroethane	5.81	63	199242	47.20	ug/l	99
25) 2-Butanone	6.79	43	335067	240.92	ug/l	98
26) 2,2-Dichloropropane	6.79	77	177729	46.25	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	118829	43.34	ug/l	98
28) Bromochloromethane	7.17	49	82573	47.65	ug/l	95
29) Tetrahydrofuran	7.18	42	228242	236.00	ug/l	99
30) Chloroform	7.34	83	199028	47.37	ug/l	99
31) Cyclohexane	7.63	56	168087	46.57	ug/l	98
32) 1,1,1-Trichloroethane	7.54	97	171606	46.09	ug/l	99
36) 1,1-Dichloropropene	7.77	75	142516	44.15	ug/l	99
37) Ethyl Acetate	6.89	43	149257	48.84	ug/l	99
38) Carbon Tetrachloride	7.75	117	141720	45.10	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	164400	43.20	ug/l	97
40) Benzene	8.02	78	432862	46.08	ug/l	100
41) Methacrylonitrile	7.15	41	78172m	55.39	ug/l	
42) 1,2-Dichloroethane	8.10	62	161201	47.55	ug/l	100
43) Isopropyl Acetate	8.14	43	262422	49.05	ug/l	99
44) Trichloroethene	8.81	130	119724	45.76	ug/l	99
45) 1,2-Dichloropropane	9.10	63	121702	49.55	ug/l	100
46) Dibromomethane	9.19	93	74469	46.72	ug/l	99
47) Bromodichloromethane	9.38	83	159737	49.28	ug/l	99
48) Methyl methacrylate	9.18	41	115745	47.44	ug/l	99
49) 1,4-Dioxane	9.18	88	34844	1015.51	ug/l	99
51) 4-Methyl-2-Pentanone	9.97	43	750779	247.48	ug/l	100
52) Toluene	10.14	92	272225	46.13	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	188388	47.43	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	197063	47.88	ug/l	100
55) 1,1,2-Trichloroethane	10.55	97	111587	47.02	ug/l	99
56) Ethyl methacrylate	10.42	69	170806	50.10	ug/l	99
57) 1,3-Dichloropropane	10.70	76	191307	49.43	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	415216	232.85	ug/l	99
59) 2-Hexanone	10.74	43	548357	246.19	ug/l	99
60) Dibromochloromethane	10.89	129	120232	49.82	ug/l	99
61) 1,2-Dibromoethane	10.99	107	110019	47.56	ug/l	99
64) Tetrachloroethene	10.62	164	129702	52.22	ug/l	100
65) Chlorobenzene	11.42	112	289229	45.35	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	112476	47.70	ug/l	100
67) Ethyl Benzene	11.50	91	538167	46.34	ug/l	100
68) m/p-Xylenes	11.62	106	398815	91.02	ug/l	100
69) o-Xylene	11.94	106	193982	46.43	ug/l	100
70) Styrene	11.96	104	320782	46.70	ug/l	100
71) Bromoform	12.12	173	84566	49.76	ug/l #	99
73) Isopropylbenzene	12.24	105	525024	46.05	ug/l	100
74) N-amyl acetate	12.06	43	234158	47.00	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	147357	47.55	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	152950m	45.32	ug/l	
77) Bromobenzene	12.52	156	127700	45.70	ug/l	99
78) n-propylbenzene	12.59	91	617595	46.22	ug/l	100
79) 2-Chlorotoluene	12.67	91	361919	46.07	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	443717	46.23	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	60356	49.37	ug/l	99
82) 4-Chlorotoluene	12.77	91	377270	45.59	ug/l	99
83) tert-Butylbenzene	12.99	119	371654	44.72	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	447340	46.17	ug/l	100
85) sec-Butylbenzene	13.17	105	506455	45.51	ug/l	100
86) p-Isopropyltoluene	13.28	119	461607	44.82	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	231636	48.23	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	229570	48.07	ug/l	100
89) n-Butylbenzene	13.61	91	419935	44.41	ug/l	99
90) Hexachloroethane	13.87	117	61386	41.17	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	221572	45.25	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.26	75	31150	44.39	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	144206	46.35	ug/l	100
94) Hexachlorobutadiene	15.01	225	68595	47.94	ug/l	100
95) Naphthalene	15.13	128	406924	44.37	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	133329	45.48	ug/l	99

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

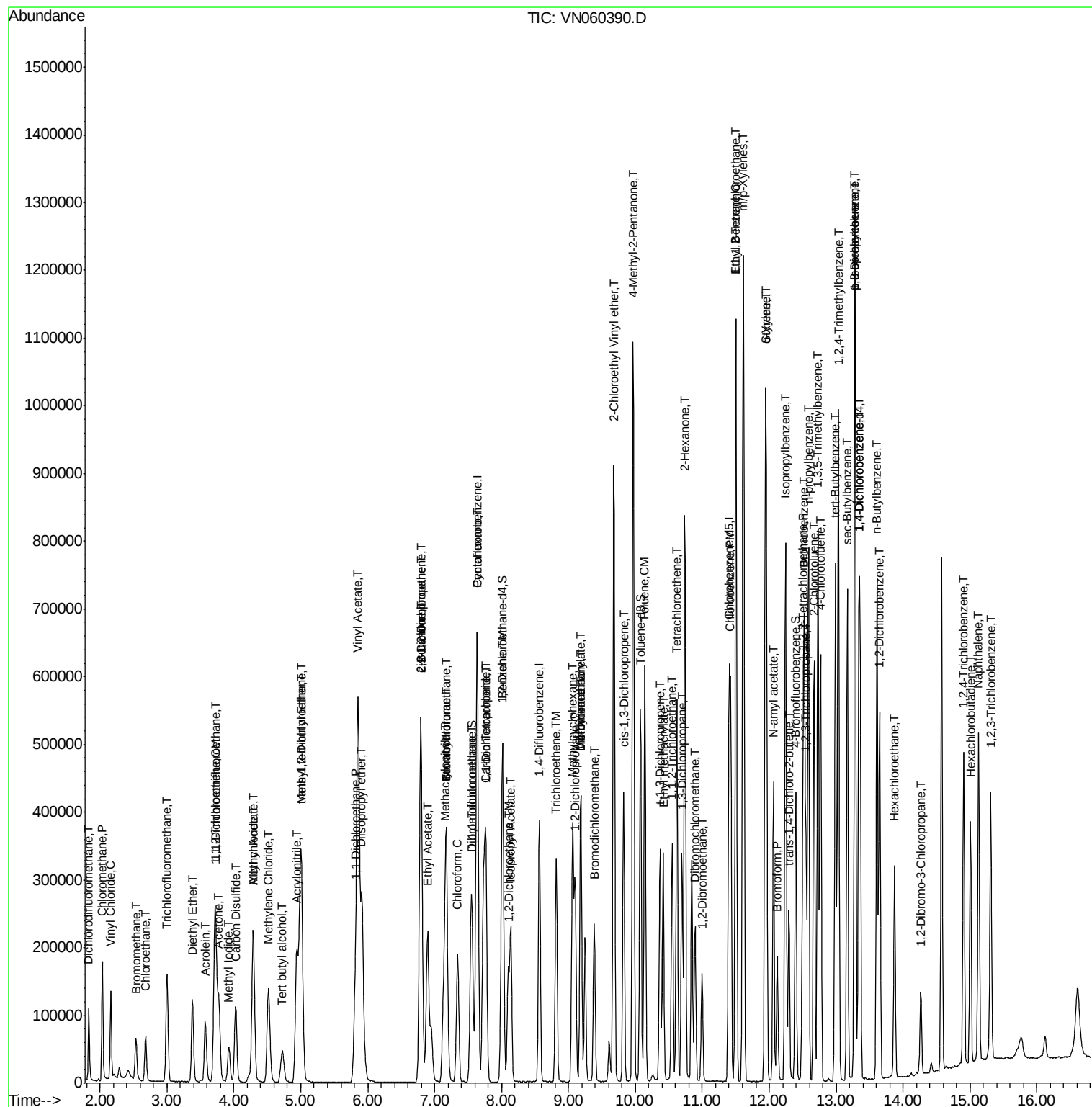
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060390.D

Acq: 9 Mar 2020 9:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:168 Resp: 207821

Ion Ratio Lower Upper

168 100

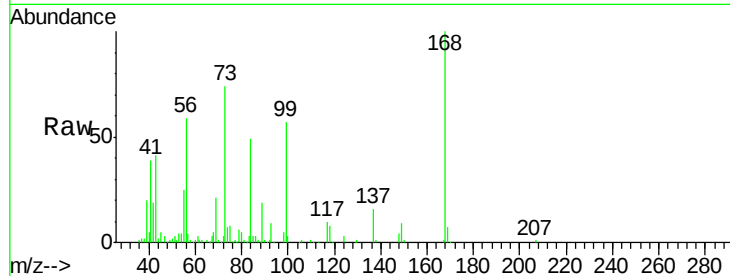
99 57.1 44.7 67.1

Manual Integrations

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3/10/2020 10:45:55 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.64

80000

60000

40000

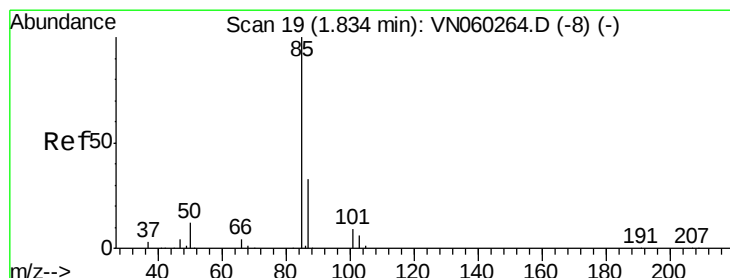
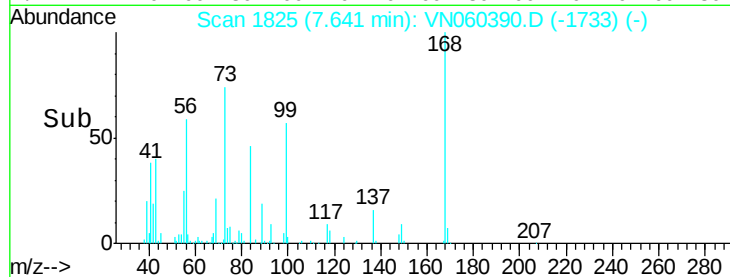
20000

0

7.60

7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 42.10 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN060390.D

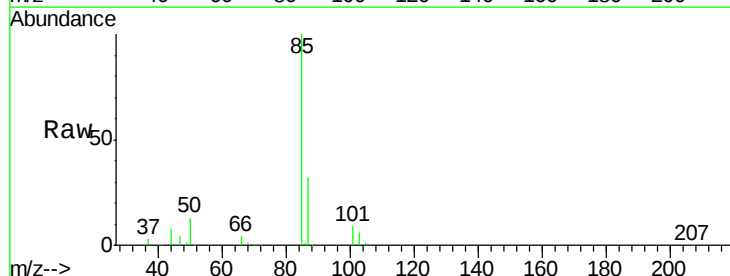
Acq: 9 Mar 2020 9:32

Tgt Ion: 85 Resp: 80218

Ion Ratio Lower Upper

85 100

87 32.2 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

60000

40000

20000

0

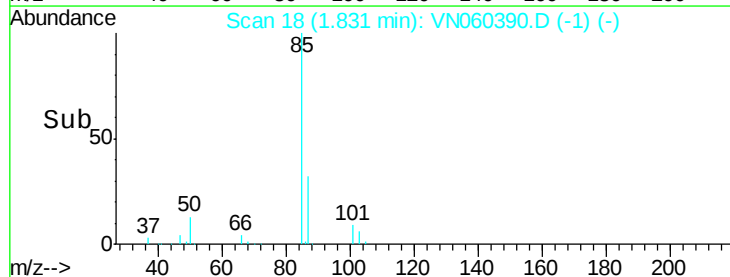
1.75

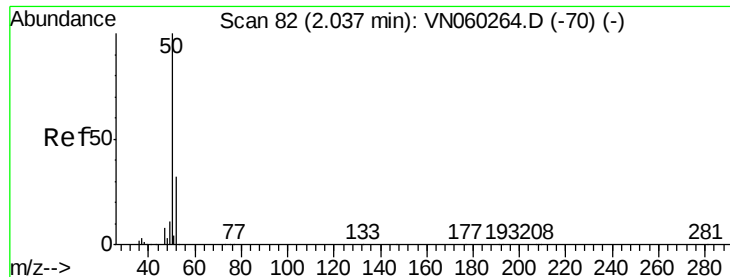
1.80

1.85

1.90

Time-->





#3

Chloromethane

Concen: 41.33 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN060390.D

Acq: 9 Mar 2020 9:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 137098

Ion Ratio Lower Upper

50 100

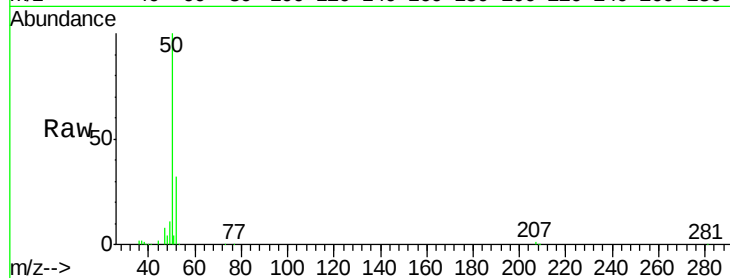
52 32.3 25.6 38.4

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.03

120000

100000

80000

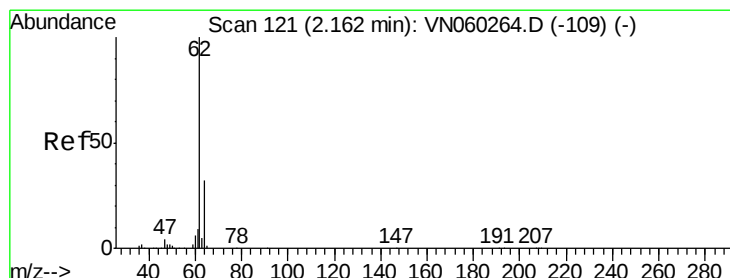
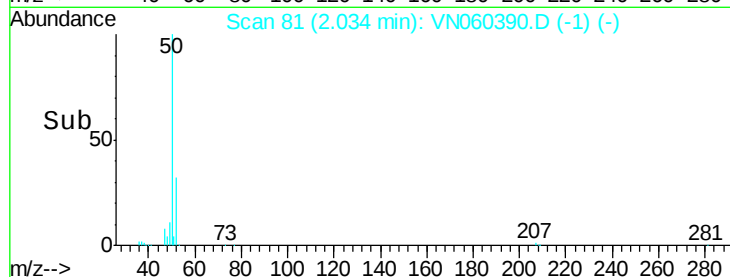
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 39.98 ug/l

RT: 2.16 min Scan# 121

Delta R.T. 0.00 min

Lab File: VN060390.D

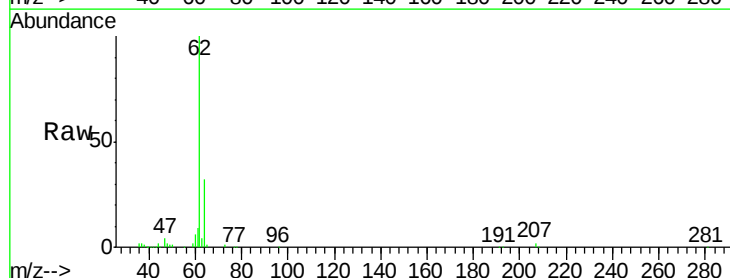
Acq: 9 Mar 2020 9:32

Tgt Ion: 62 Resp: 113745

Ion Ratio Lower Upper

62 100

64 32.2 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

2.16

80000

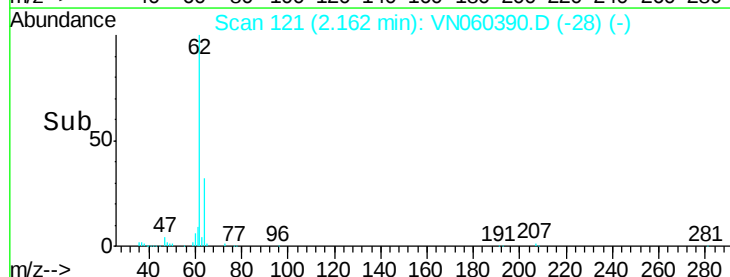
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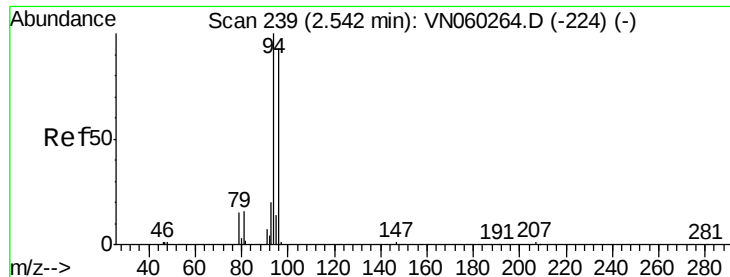
40000

20000

0

Time-->





#5

Bromomethane

Concen: 38.92 ug/l

RT: 2.54 min Scan# 237

Delta R.T. -0.01 min

Lab File: VN060390.D

Acq: 9 Mar 2020 9:32

Instrument :

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ClientSampleId :

VSTDCCC050

Tgt Ion: 94 Resp: 45176

Ion Ratio Lower Upper

94 100

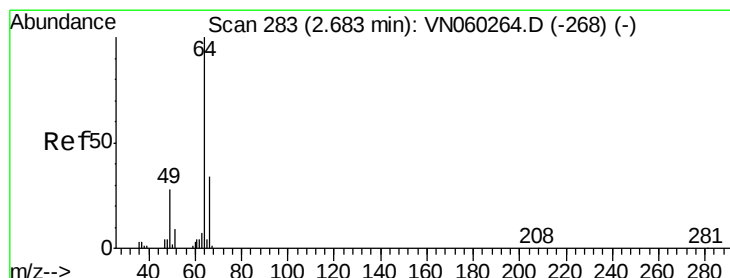
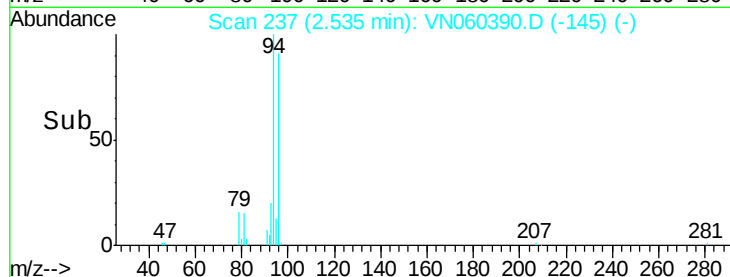
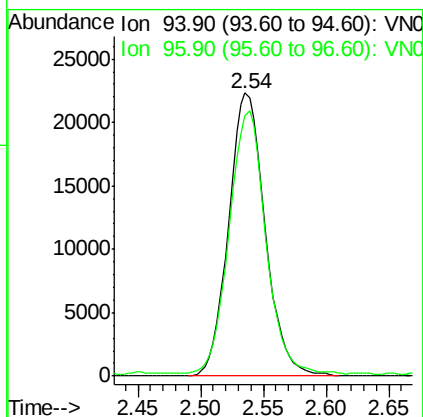
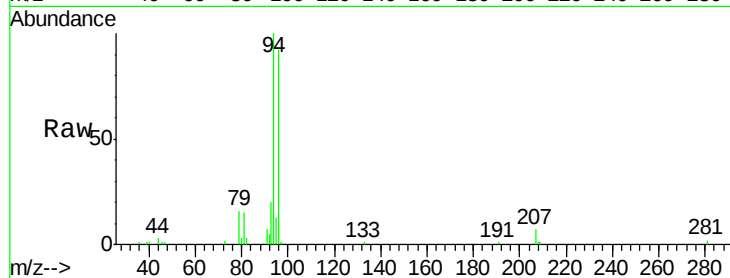
96 91.0 74.3 111.5

Manual Integrations

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#6

Chloroethane

Concen: 42.39 ug/l

RT: 2.68 min Scan# 282

Delta R.T. -0.00 min

Lab File: VN060390.D

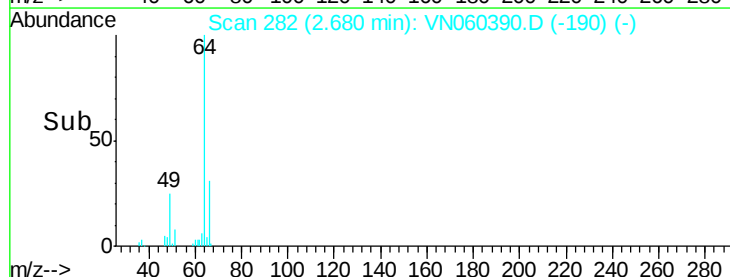
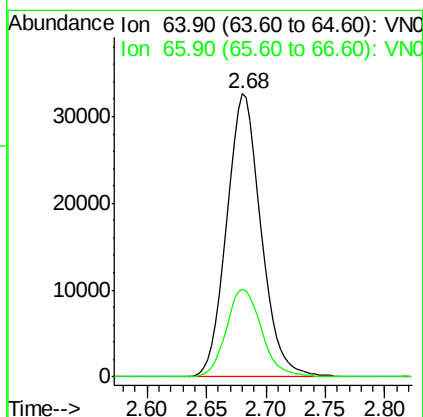
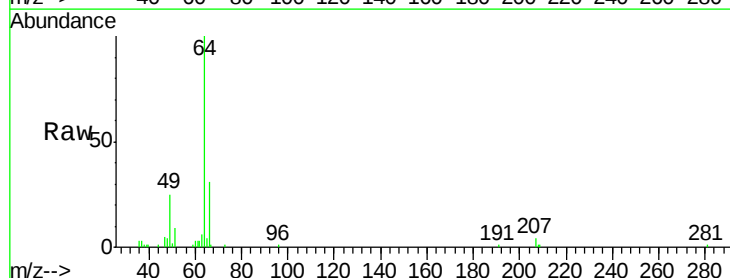
Acq: 9 Mar 2020 9:32

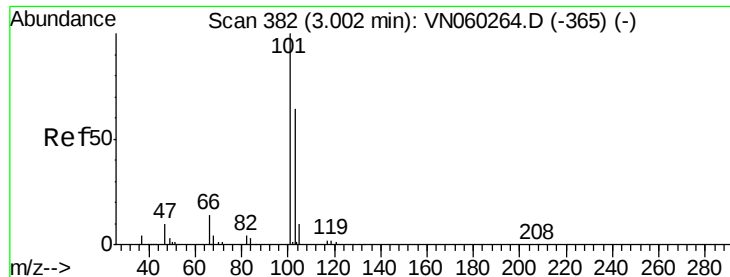
Tgt Ion: 64 Resp: 65335

Ion Ratio Lower Upper

64 100

66 30.9 27.4 41.2





#7

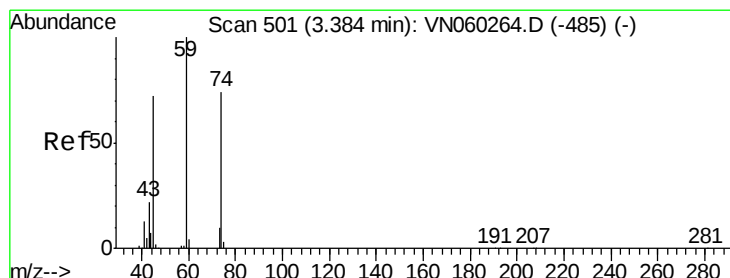
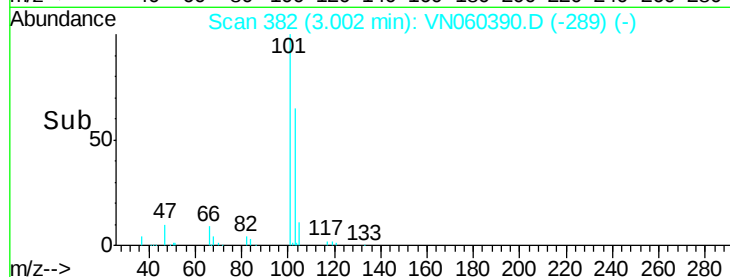
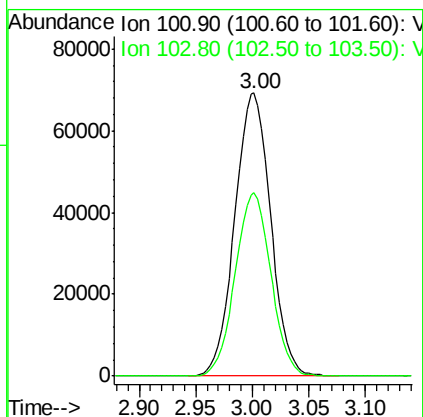
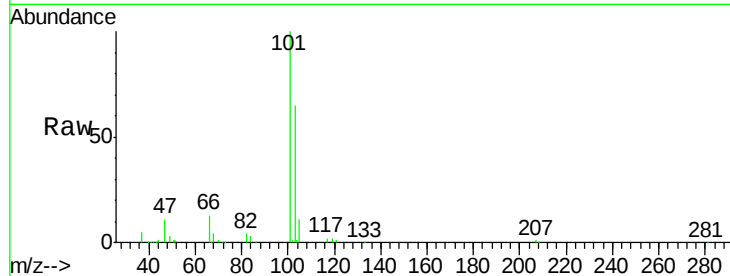
Trichlorofluoromethane
Concen: 42.13 ug/l
RT: 3.00 min Scan# 382
Delta R.T. 0.00 min
Lab File: VN060390.D
Acq: 9 Mar 2020 9:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
101	100		
103	64.7	51.3	76.9

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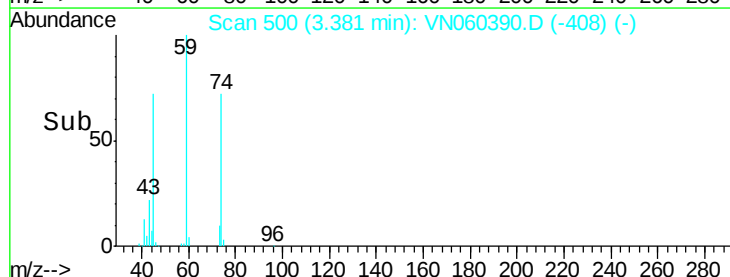
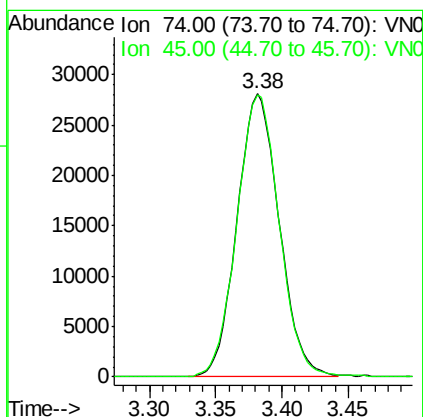
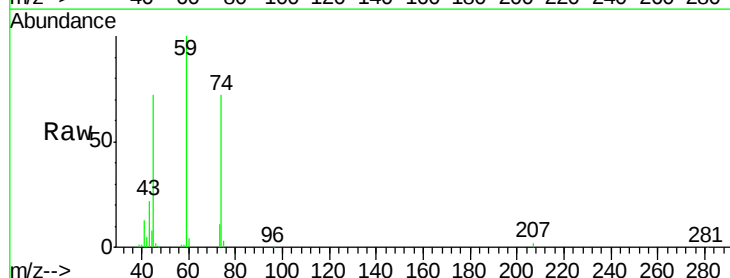
MMDadoda
3/10/2020 10:45:55 AM



#8

Diethyl Ether
Concen: 45.24 ug/l
RT: 3.38 min Scan# 500
Delta R.T. -0.00 min
Lab File: VN060390.D
Acq: 9 Mar 2020 9:32

Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.3	49.5	148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 43.50 ug/l

RT: 3.73 min Scan# 610

Delta R.T. -0.00 min

Lab File: VN060390.D

Acq: 9 Mar 2020 9:32

Instrument :

MSVOA_N

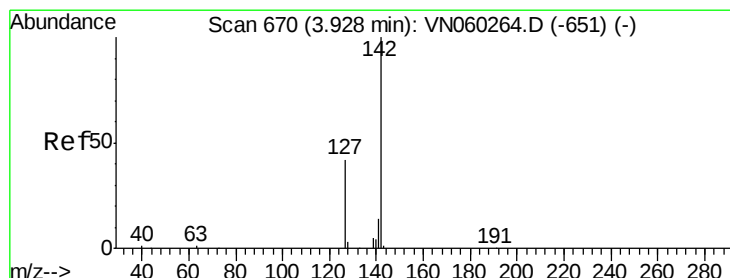
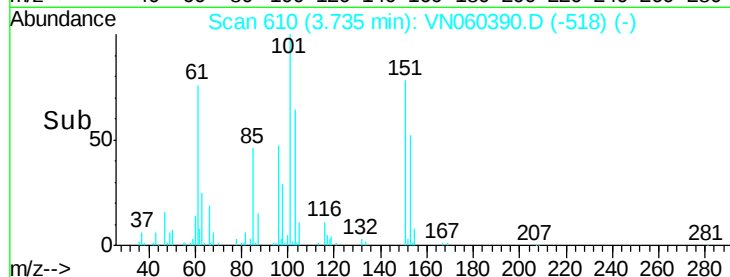
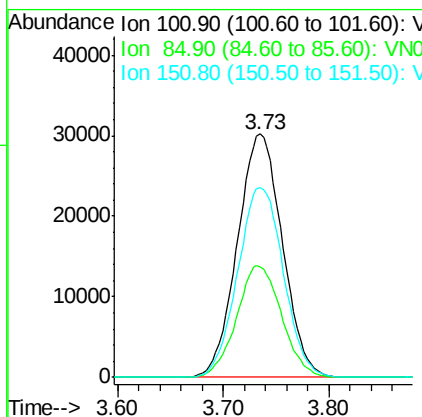
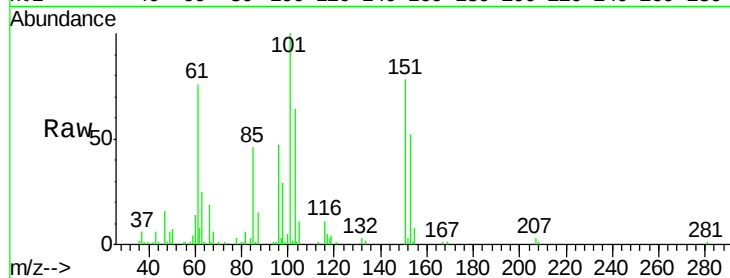
ClientSampleId :

VSTDCCC050

Tgt Ion:	101	Resp:	89483
Ion Ratio	Lower	Upper	
101	100		
85	45.8	35.4	53.2
151	79.5	62.0	93.0

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#10

Methyl Iodide

Concen: 43.38 ug/l

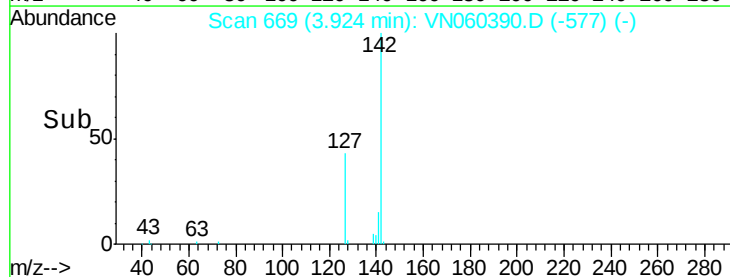
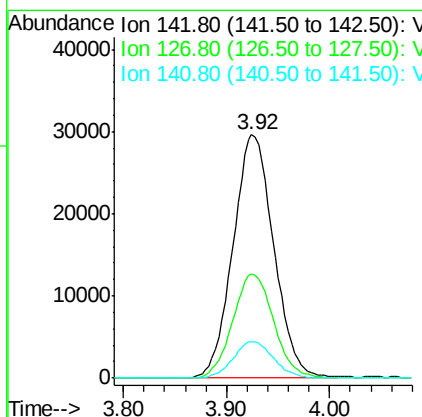
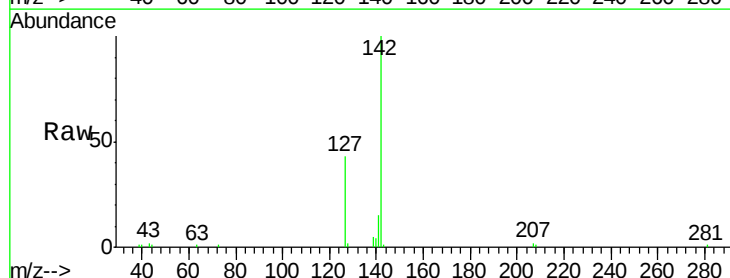
RT: 3.92 min Scan# 669

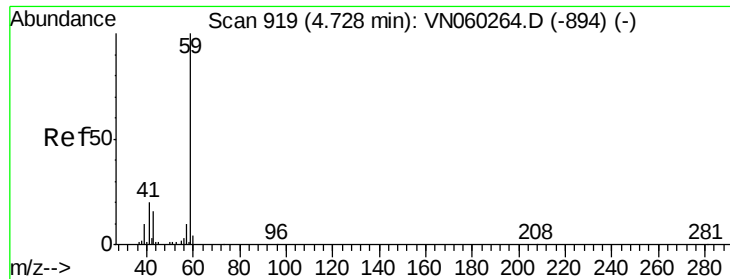
Delta R.T. -0.00 min

Lab File: VN060390.D

Acq: 9 Mar 2020 9:32

Tgt Ion:	142	Resp:	81437
Ion Ratio	Lower	Upper	
142	100		
127	42.9	33.8	50.6
141	14.6	11.1	16.7





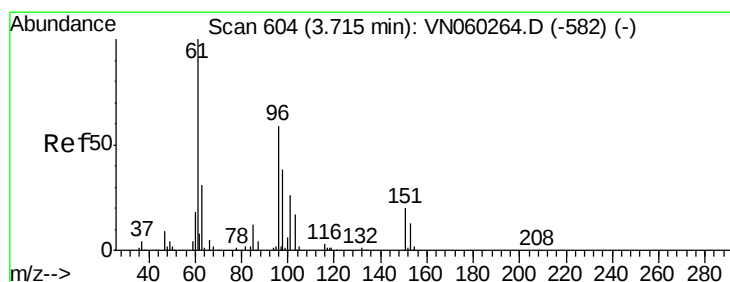
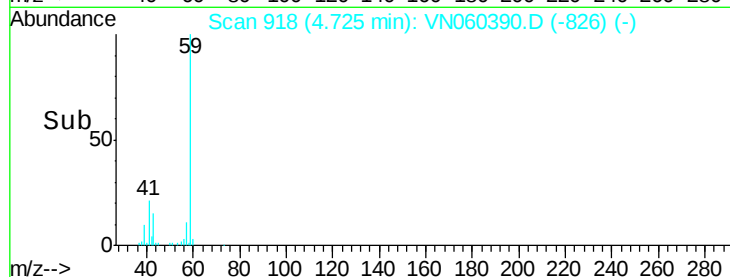
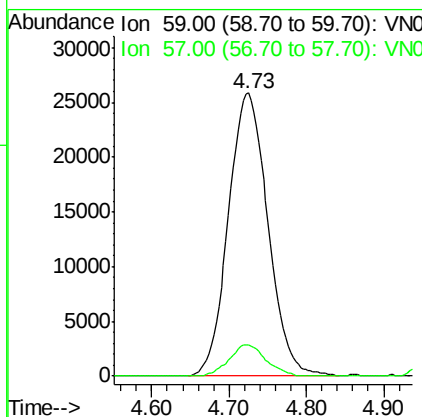
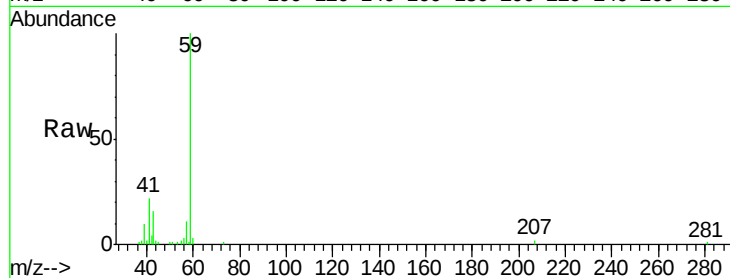
#11
Tert butyl alcohol
Concen: 231.88 ug/l
RT: 4.73 min Scan# 918
Delta R.T. -0.00 min
Lab File: VN060390.D
Acq: 9 Mar 2020 9:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.2	12.2

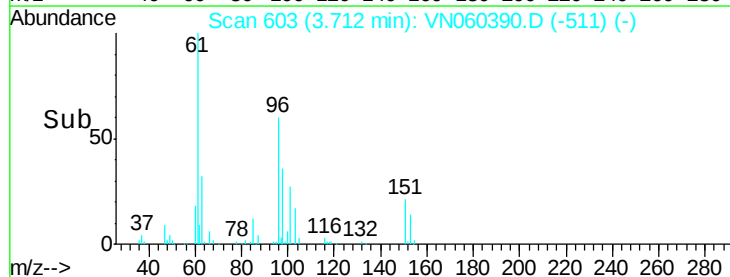
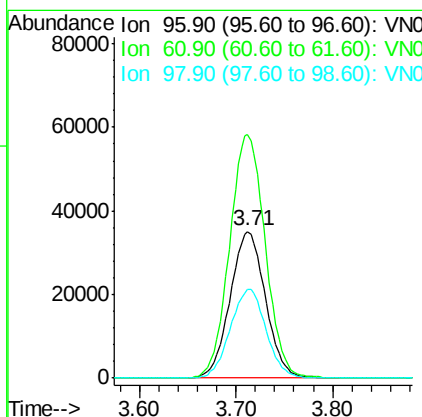
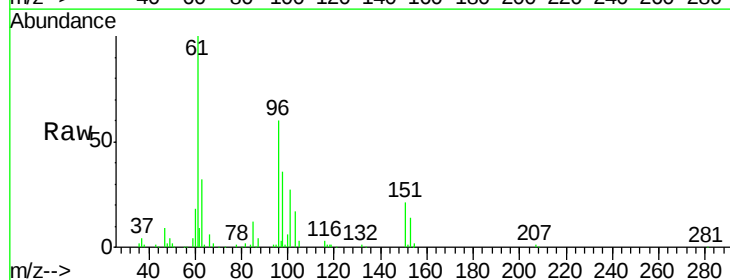
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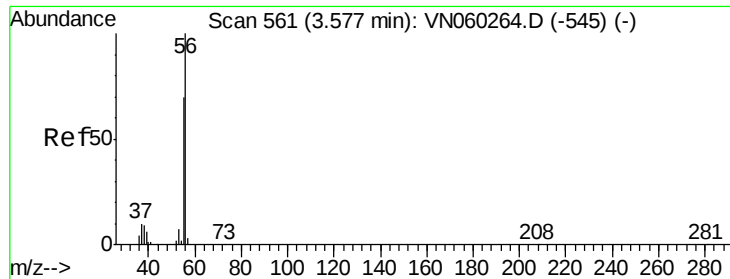
MMDadoda
3/10/2020 10:45:55 AM



#12
1,1-Dichloroethene
Concen: 44.69 ug/l
RT: 3.71 min Scan# 603
Delta R.T. -0.00 min
Lab File: VN060390.D
Acq: 9 Mar 2020 9:32

Tgt Ion	Ratio	Lower	Upper
96	100		
61	165.7	135.4	203.0
98	60.4	51.6	77.4





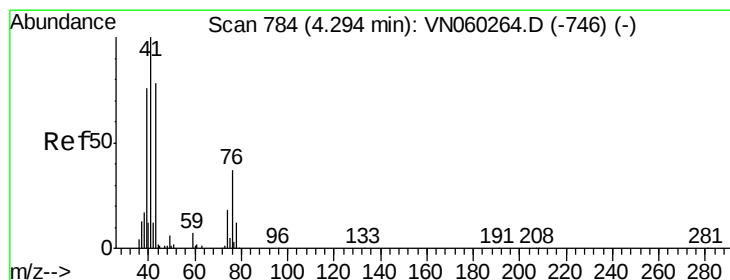
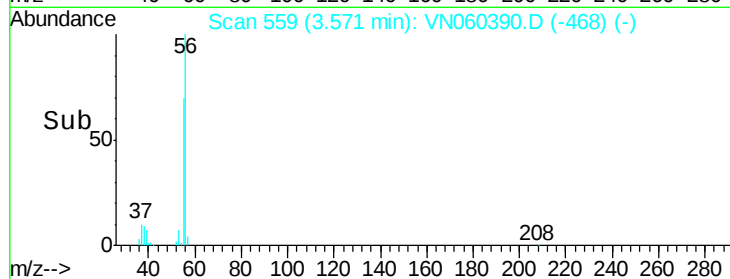
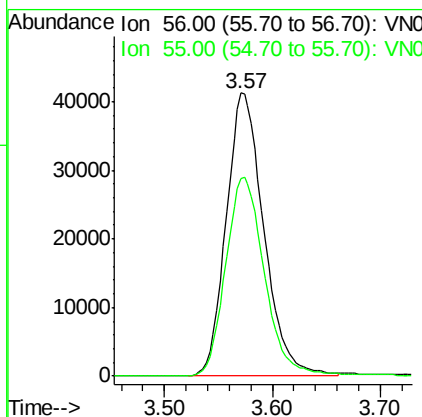
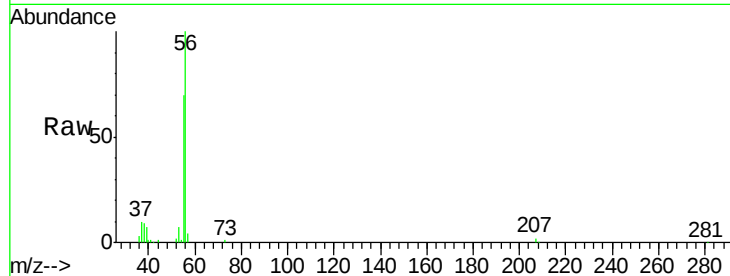
#13
Acrolein
Concen: 271.51 ug/l
RT: 3.57 min Scan# 559
Delta R.T. -0.01 min
Lab File: VN060390.D
Acq: 9 Mar 2020 9:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
56	100		
55	72.4	57.4	86.0

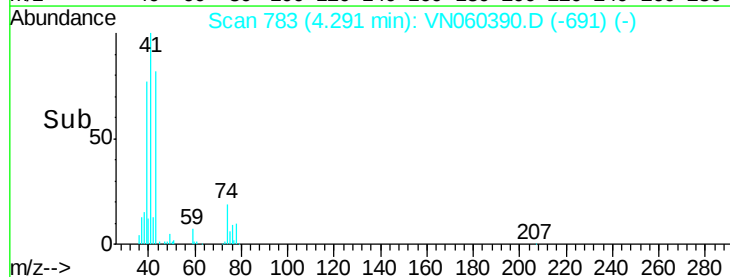
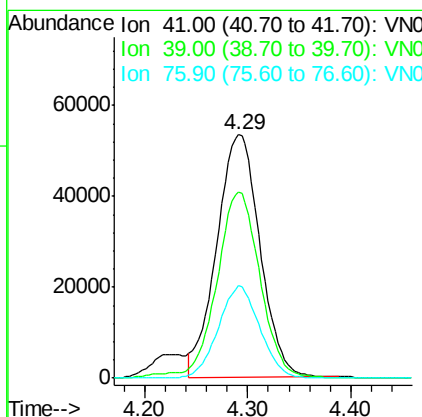
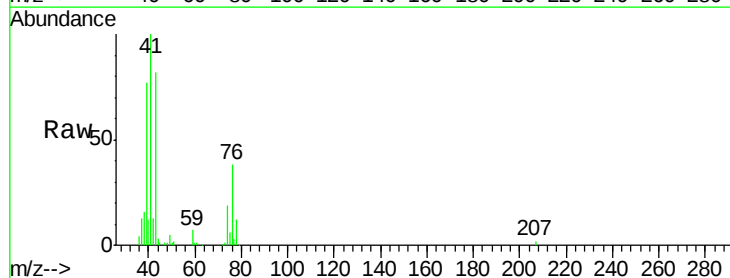
Manual Integrations
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#14
Allyl chloride
Concen: 42.35 ug/l
RT: 4.29 min Scan# 783
Delta R.T. -0.00 min
Lab File: VN060390.D
Acq: 9 Mar 2020 9:32

Tgt Ion	Ratio	Lower	Upper
41	100		
39	77.3	55.4	83.2
76	36.5	27.0	40.6





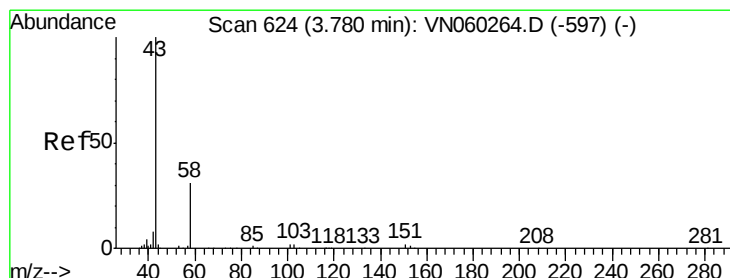
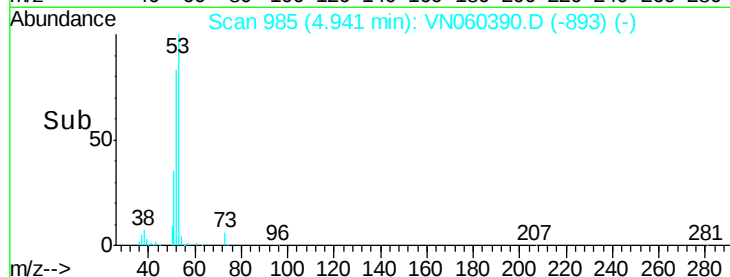
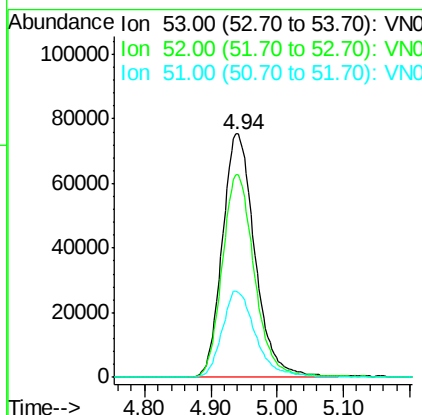
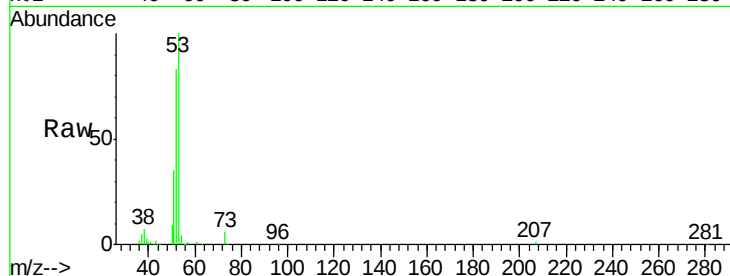
#15
 Acrylonitrile
 Concen: 246.73 ug/l
 RT: 4.94 min Scan# 985
 Delta R.T. -0.00 min
 Lab File: VN060390.D
 Acq: 9 Mar 2020 9:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:	53	Resp:	257484
Ion Ratio	Lower	Upper	
53	100		
52	82.0	66.8	100.2
51	36.2	29.0	43.6

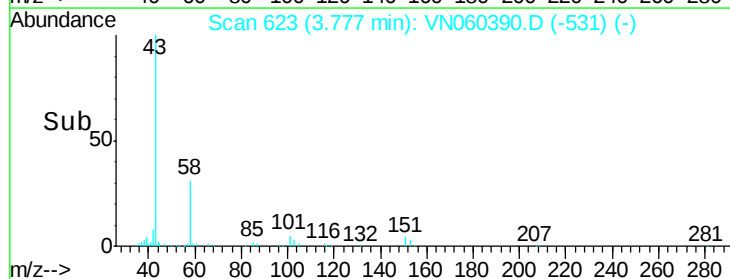
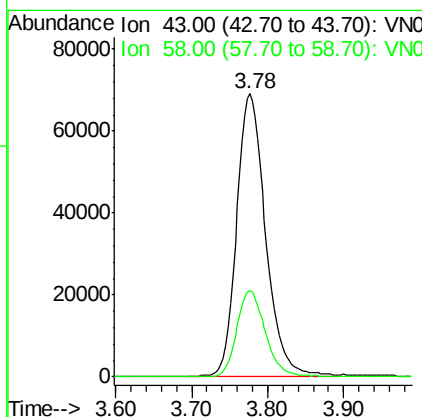
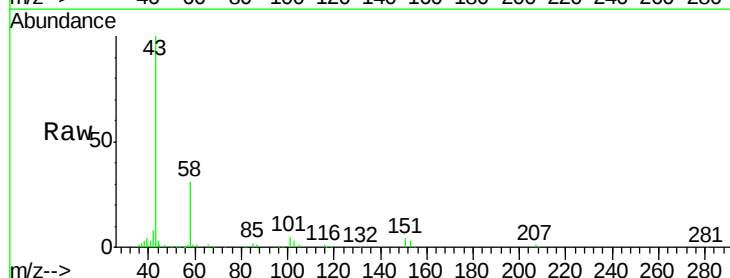
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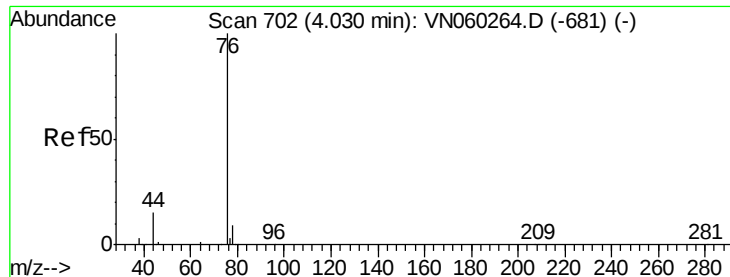
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#16
 Acetone
 Concen: 213.22 ug/l
 RT: 3.78 min Scan# 623
 Delta R.T. -0.00 min
 Lab File: VN060390.D
 Acq: 9 Mar 2020 9:32

Tgt Ion:	43	Resp:	183595
Ion Ratio	Lower	Upper	
43	100		
58	30.6	24.6	36.8





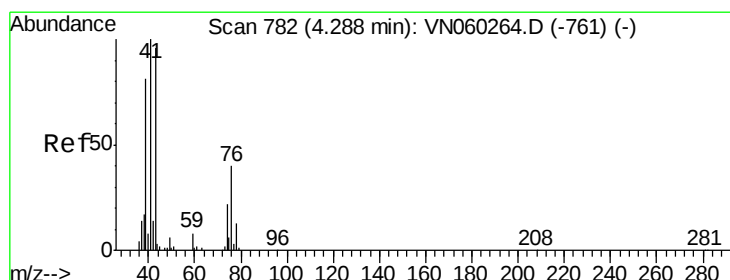
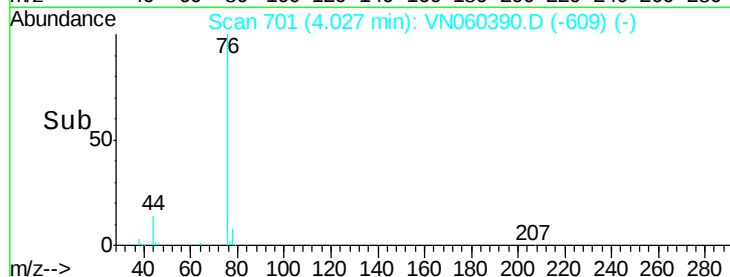
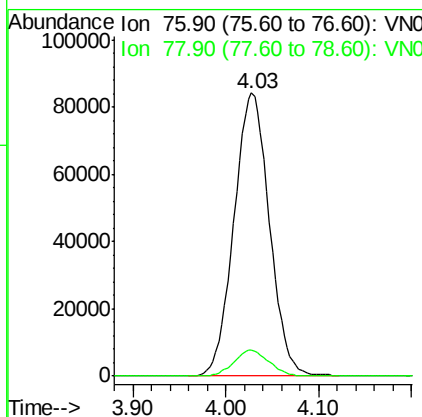
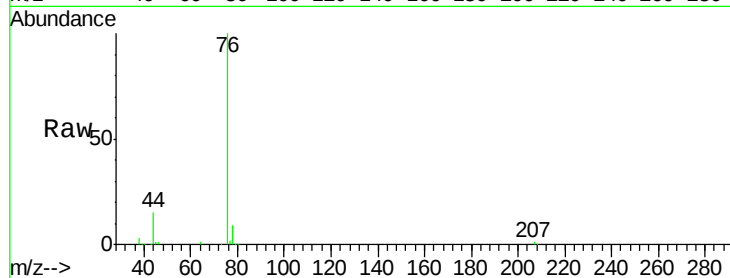
#17
Carbon Disulfide
Concen: 42.03 ug/l
RT: 4.03 min Scan# 701
Delta R.T. -0.00 min
Lab File: VN060390.D
Acq: 9 Mar 2020 9:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 223309
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0

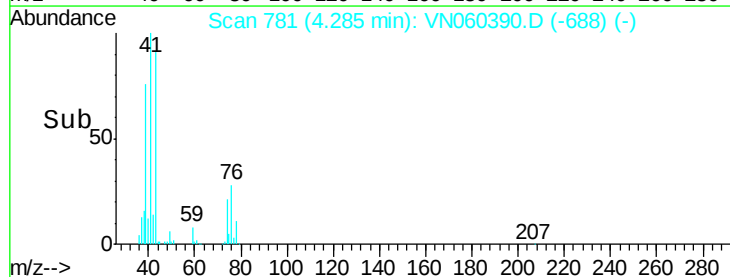
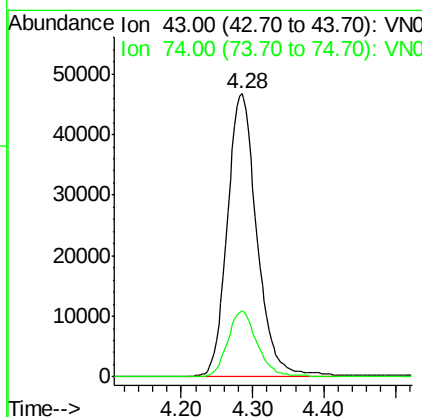
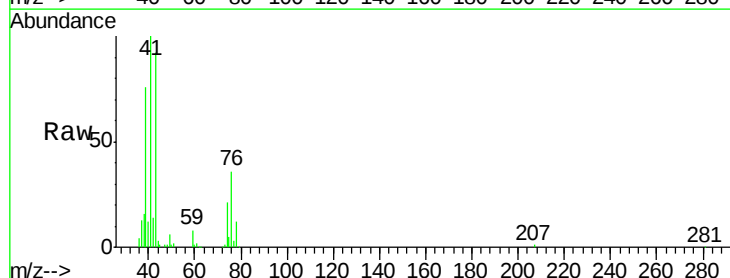
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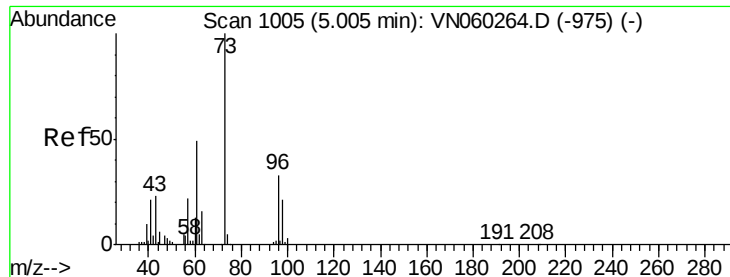
MMDadoda
3/10/2020 10:45:55 AM



#18
Methyl Acetate
Concen: 47.17 ug/l
RT: 4.28 min Scan# 781
Delta R.T. -0.00 min
Lab File: VN060390.D
Acq: 9 Mar 2020 9:32

Tgt Ion: 43 Resp: 135534
Ion Ratio Lower Upper
43 100
74 23.1 18.8 28.2





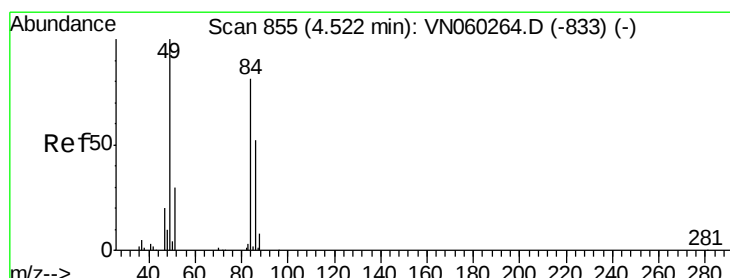
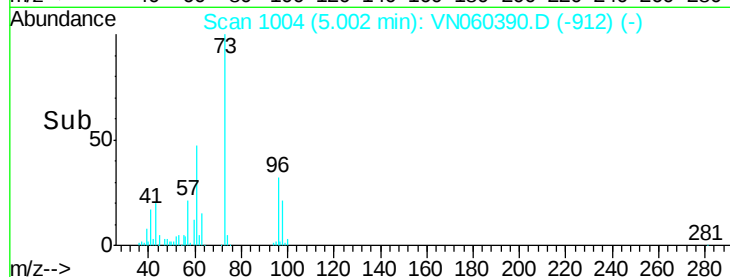
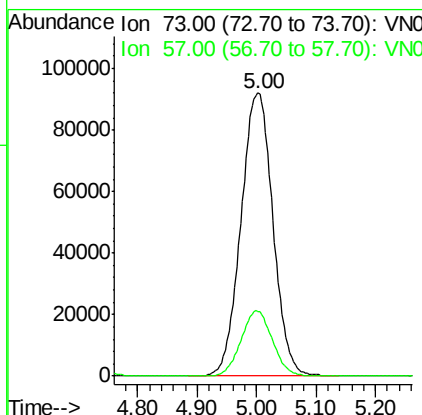
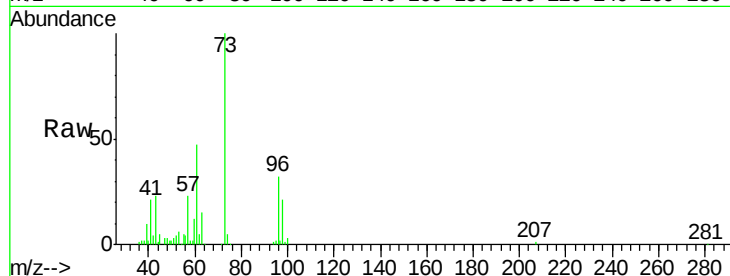
#19
Methyl tert-butyl Ether
Concen: 47.73 ug/l
RT: 5.00 min Scan# 1004
Delta R.T. -0.00 min
Lab File: VN060390.D
Acq: 9 Mar 2020 9:32

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tgt Ion: 73 Resp: 346002
Ion Ratio Lower Upper
73 100
57 22.9 17.3 25.9

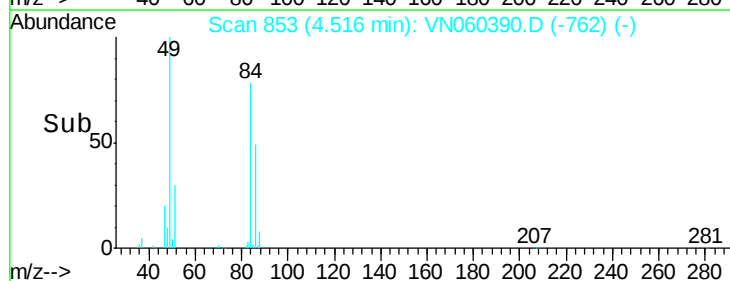
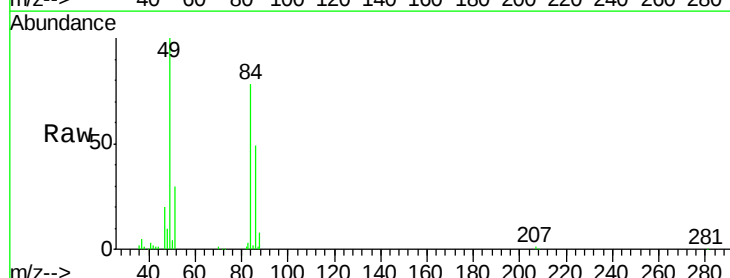
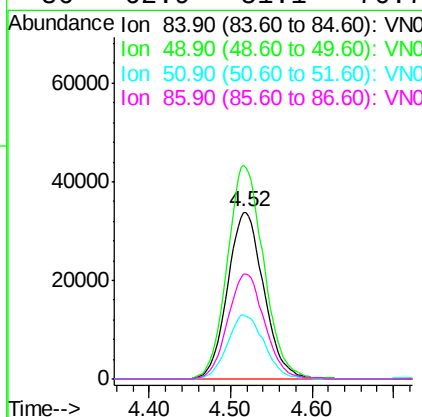
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#20
Methylene Chloride
Concen: 44.32 ug/l
RT: 4.52 min Scan# 853
Delta R.T. -0.01 min
Lab File: VN060390.D
Acq: 9 Mar 2020 9:32

Tgt Ion: 84 Resp: 104810
Ion Ratio Lower Upper
84 100
49 127.9 99.3 148.9
51 38.4 30.1 45.1
86 62.9 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 44.52 ug/l

RT: 5.01 min Scan# 1006

Delta R.T. -0.00 min

Lab File: VN060390.D

Acq: 9 Mar 2020 9:32

Instrument :

MSVOA_N

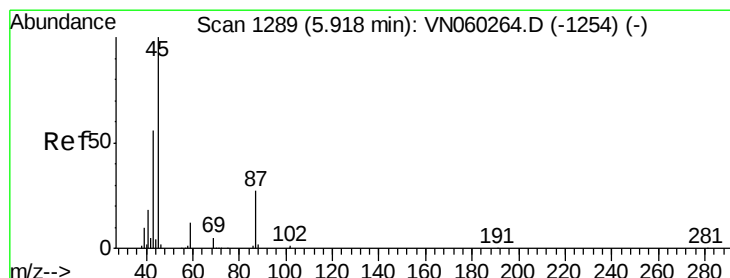
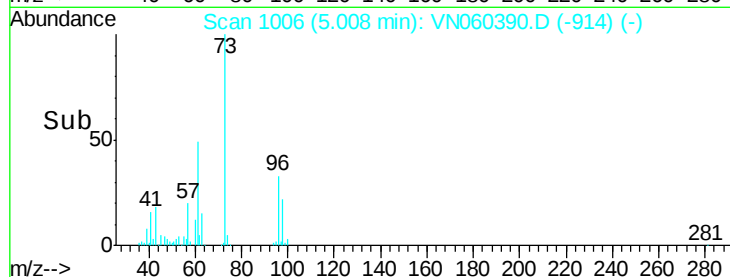
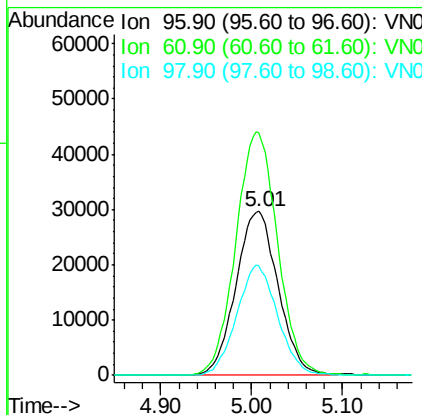
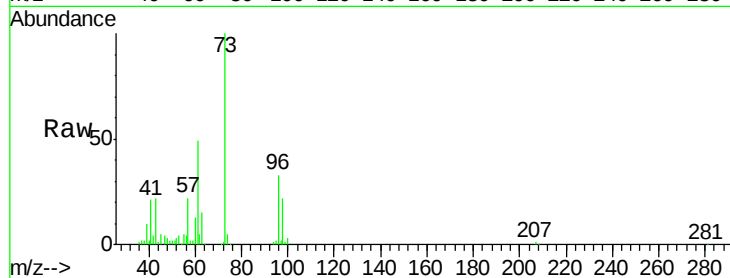
ClientSampleId :

VSTDCCC050

Tgt Ion:	96	Resp:	95595
Ion Ratio	Lower	Upper	
96	100		
61	147.8	113.8	170.8
98	66.3	48.8	73.2

Manual Integrations
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#22

Diisopropyl ether

Concen: 49.33 ug/l

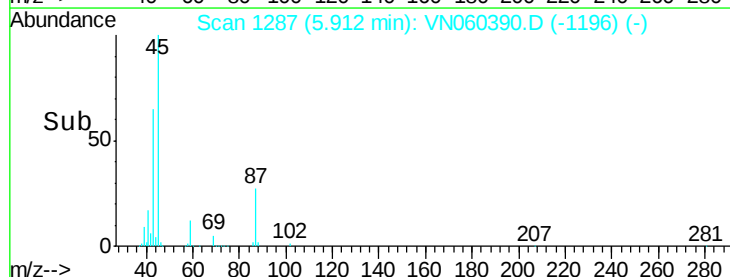
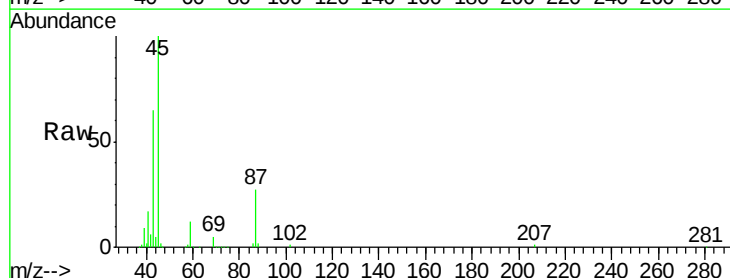
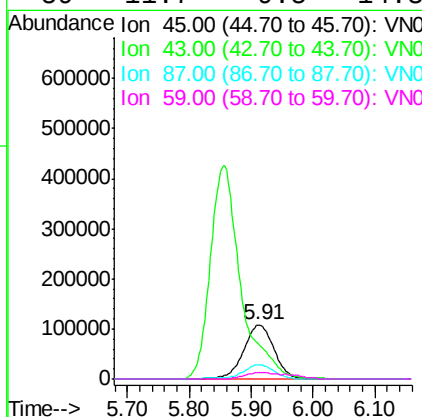
RT: 5.91 min Scan# 1287

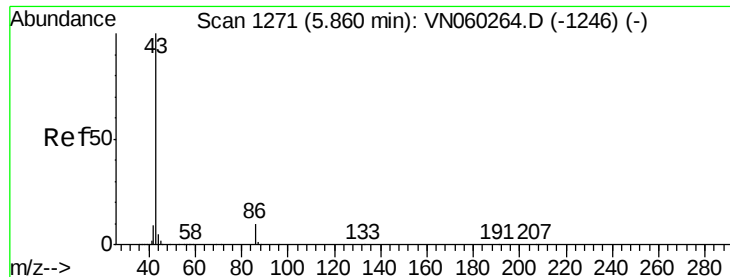
Delta R.T. -0.01 min

Lab File: VN060390.D

Acq: 9 Mar 2020 9:32

Tgt Ion:	45	Resp:	367816
Ion Ratio	Lower	Upper	
45	100		
43	63.8	48.6	72.8
87	27.2	22.2	33.2
59	11.7	9.5	14.3





#23

Vinyl Acetate

Concen: 246.25 ug/l

RT: 5.86 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VN060390.D

Acq: 9 Mar 2020 9:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 1459112

Ion Ratio Lower Upper

43 100

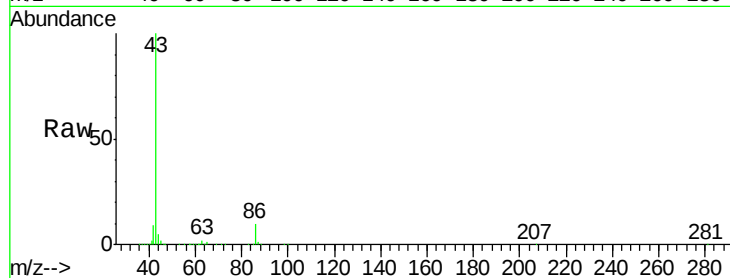
86 9.6 8.0 12.0

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

500000

400000

300000

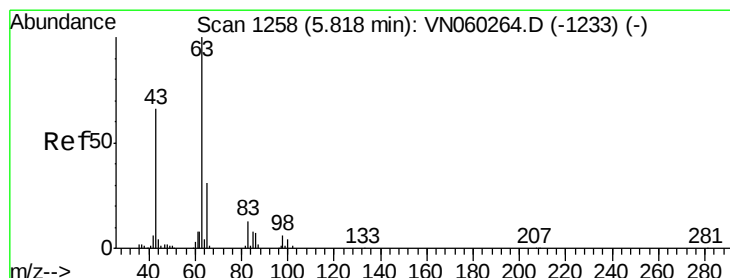
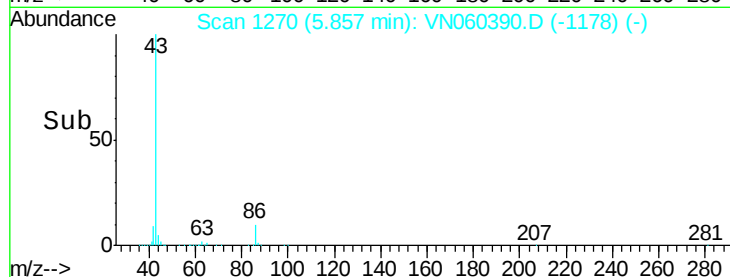
200000

100000

0

5.70 5.80 5.90 6.00 6.10

Time-->



#24

1,1-Dichloroethane

Concen: 47.20 ug/l

RT: 5.81 min Scan# 1256

Delta R.T. -0.01 min

Lab File: VN060390.D

Acq: 9 Mar 2020 9:32

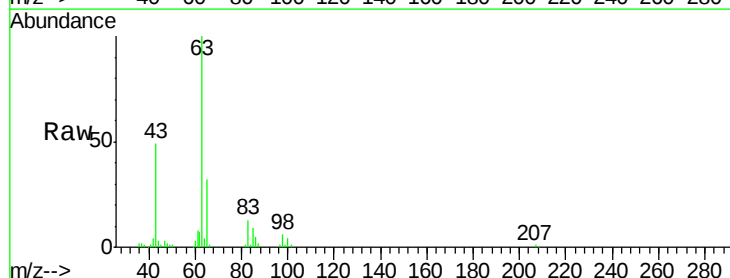
Tgt Ion: 63 Resp: 199242

Ion Ratio Lower Upper

63 100

98 6.2 3.0 9.0

100 3.8 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

80000

60000

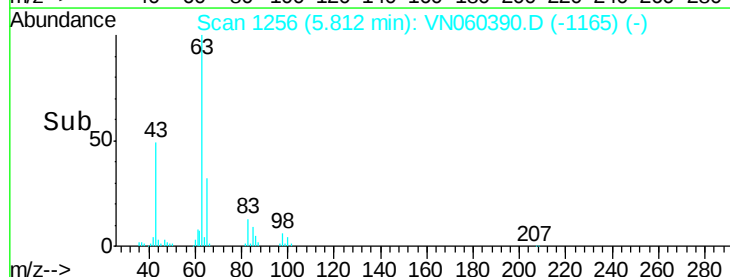
40000

20000

0

5.70 5.80 5.90

Time-->





#25

2-Butanone

Concen: 240.92 ug/l

RT: 6.79 min Scan# 1561

Delta R.T. -0.01 min

Lab File: VN060390.D

Acq: 9 Mar 2020 9:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 335067

Ion Ratio Lower Upper

43 100

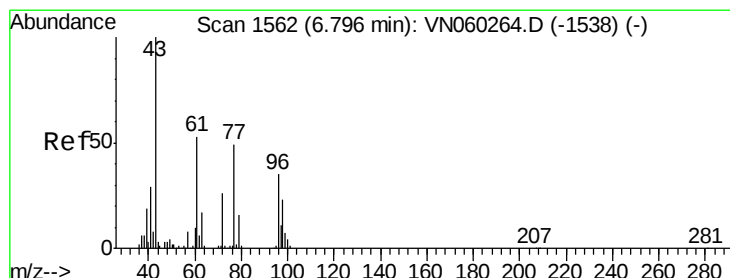
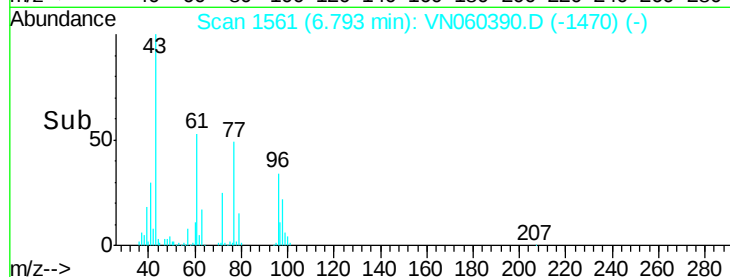
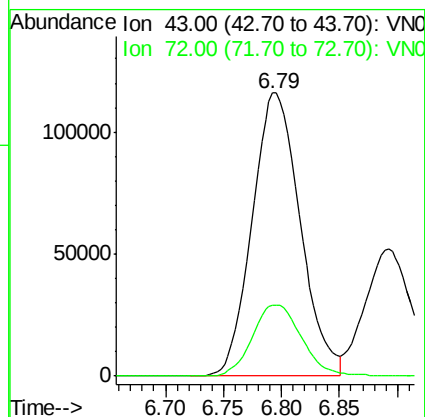
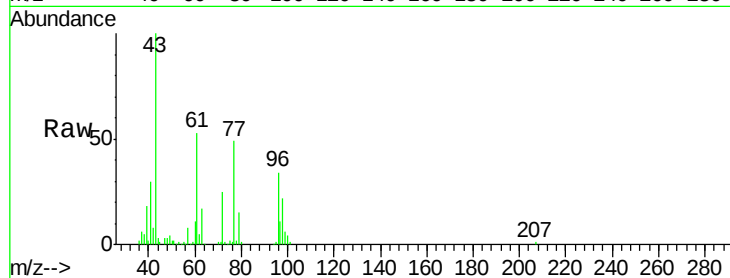
72 25.0 20.9 31.3

Manual Integrations

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MMDadoda

3/10/2020 10:45:55 AM



#26

2,2-Dichloropropane

Concen: 46.25 ug/l

RT: 6.79 min Scan# 1561

Delta R.T. -0.00 min

Lab File: VN060390.D

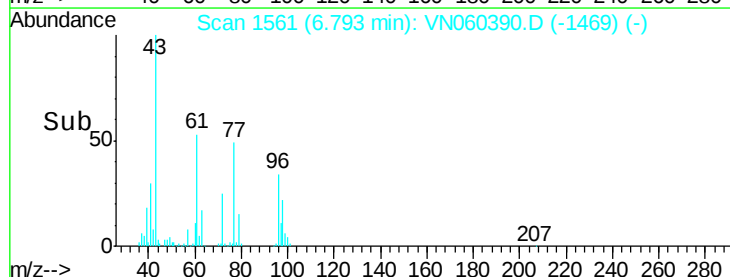
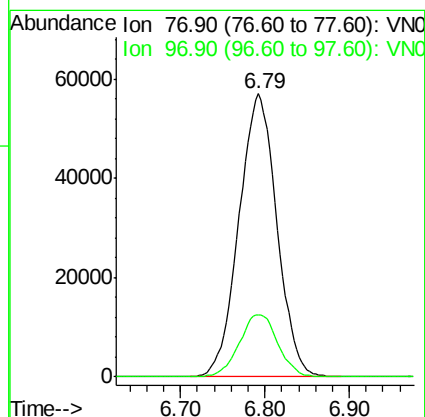
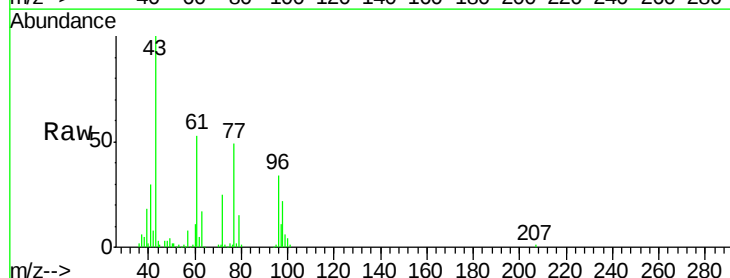
Acq: 9 Mar 2020 9:32

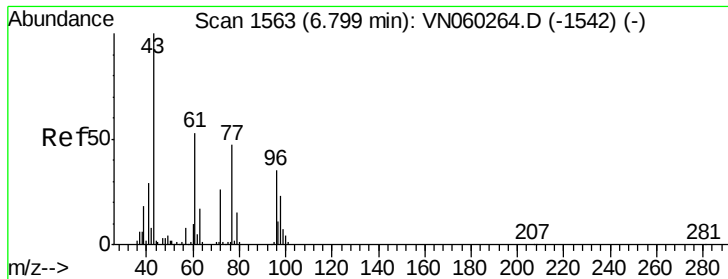
Tgt Ion: 77 Resp: 177729

Ion Ratio Lower Upper

77 100

97 22.4 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 43.34 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN060390.D

Acq: 9 Mar 2020 9:32

Instrument :

MSVOA_N

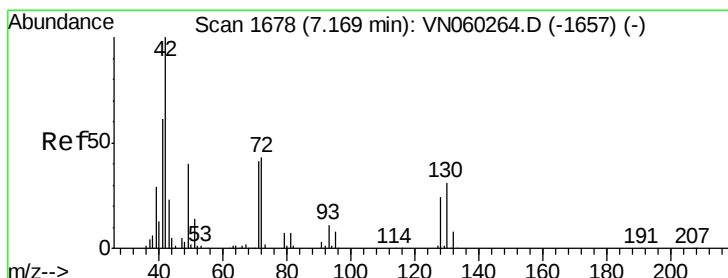
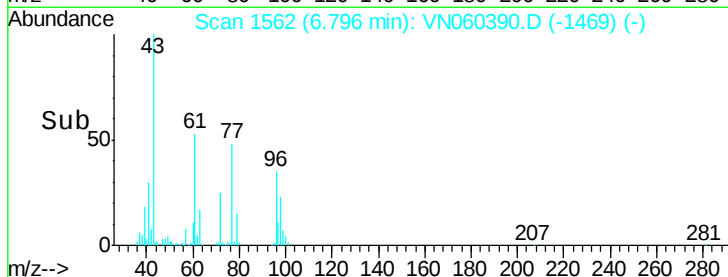
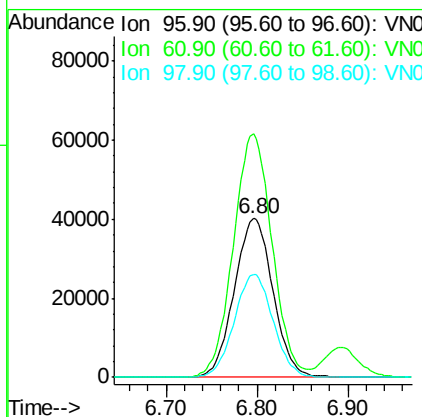
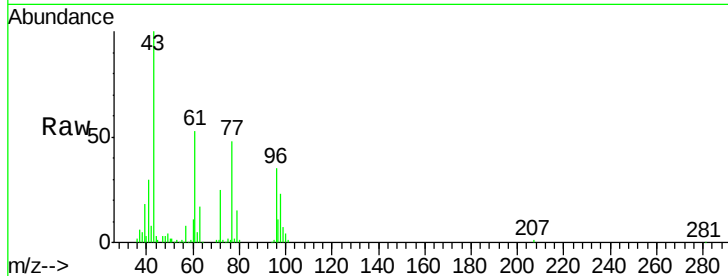
ClientSampleId :

VSTDCCC050

Tgt Ion:	96	Resp:	118829
Ion	Ratio	Lower	Upper
96	100		
61	153.3	0.0	300.8
98	64.8	0.0	128.2

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#28

Bromochloromethane

Concen: 47.65 ug/l

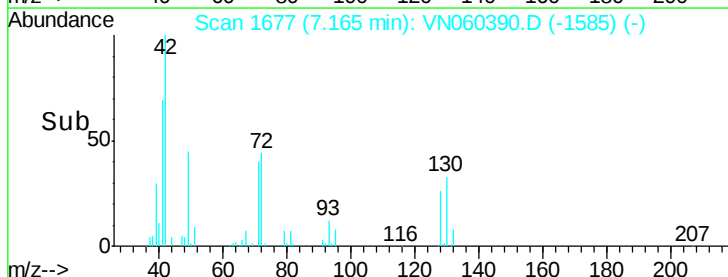
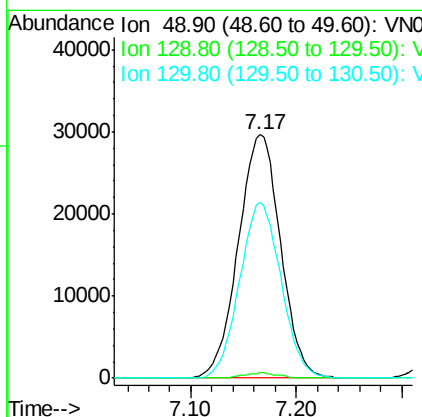
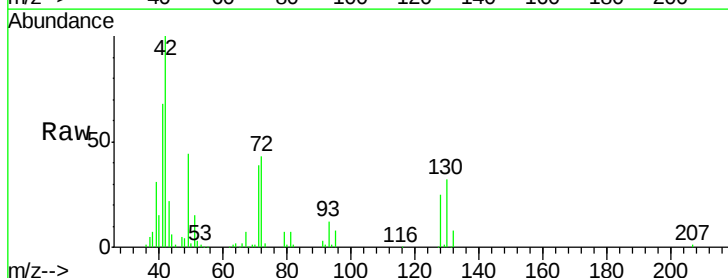
RT: 7.17 min Scan# 1677

Delta R.T. -0.00 min

Lab File: VN060390.D

Acq: 9 Mar 2020 9:32

Tgt Ion:	49	Resp:	82573
Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	3.8
130	70.7	59.8	89.8





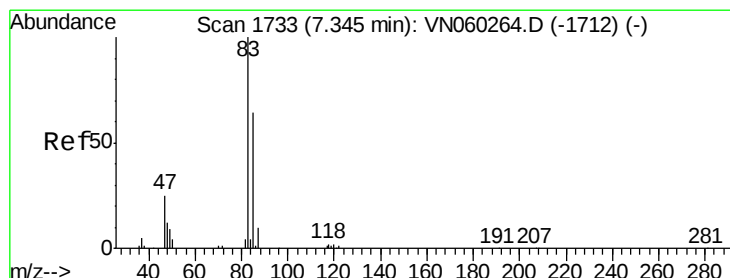
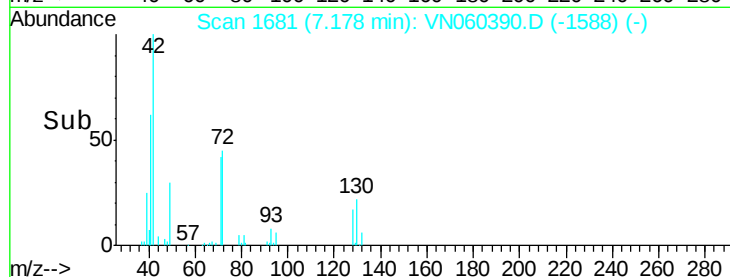
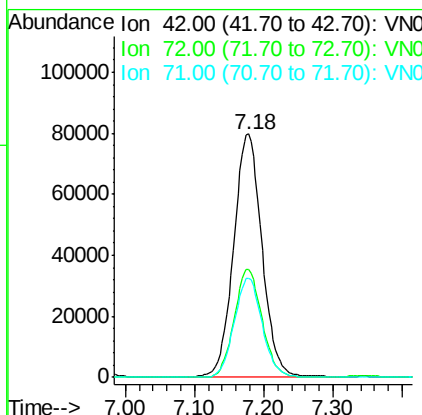
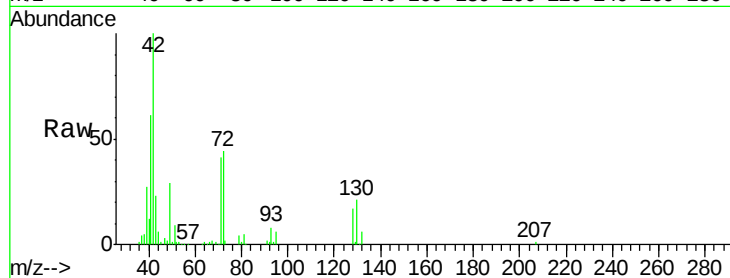
#29
Tetrahydrofuran
Concen: 236.00 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VN060390.D
Acq: 9 Mar 2020 9:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
42	100		
72	43.2	34.6	52.0
71	40.0	32.9	49.3

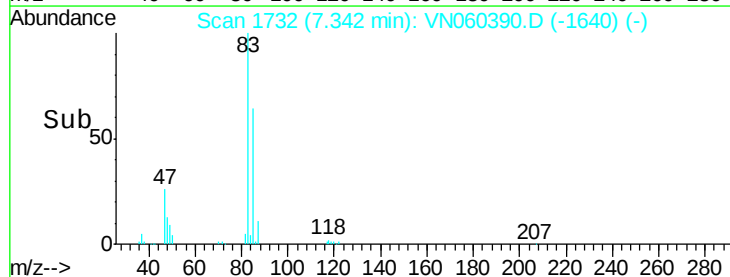
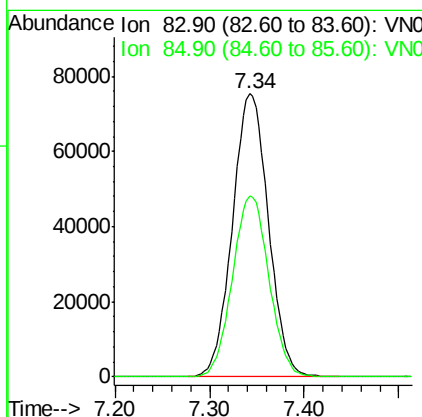
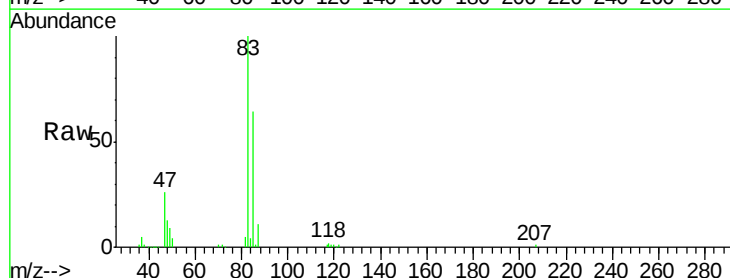
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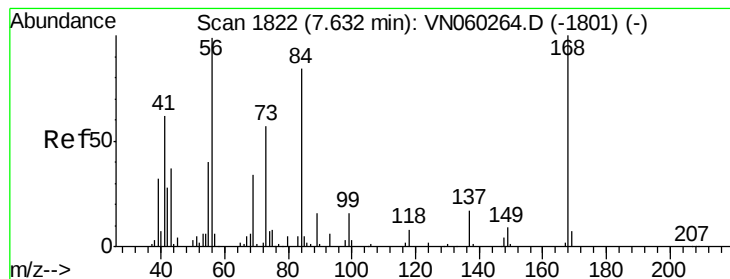
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#30
Chloroform
Concen: 47.37 ug/l
RT: 7.34 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VN060390.D
Acq: 9 Mar 2020 9:32

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.9	51.4	77.2





#31

Cyclohexane

Concen: 46.57 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VN060390.D

Acq: 9 Mar 2020 9:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 168087
Ion Ratio Lower Upper

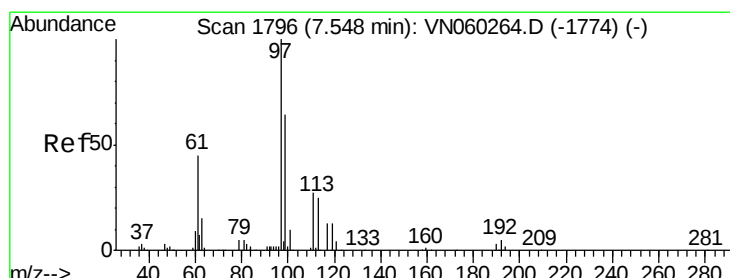
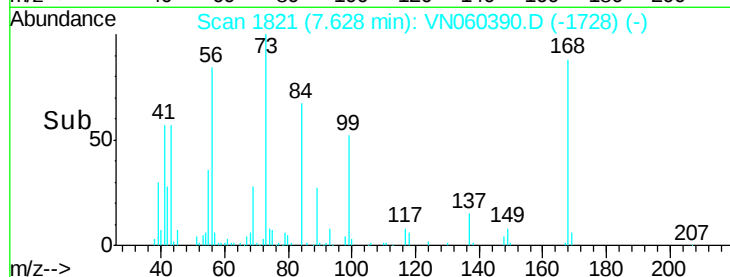
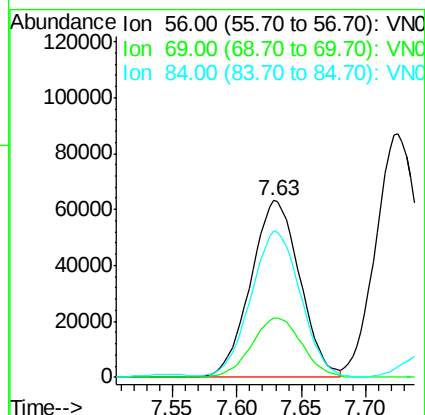
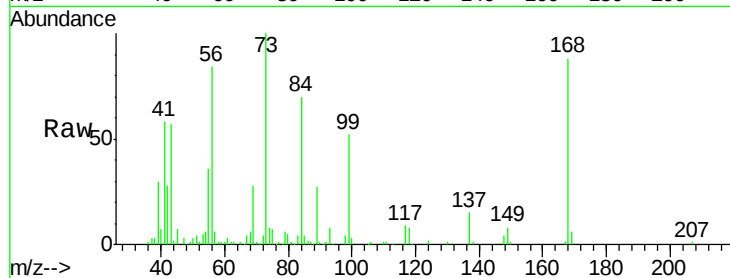
56 100

69 33.3 27.2 40.8

84 81.4 66.7 100.1

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#32

1,1,1-Trichloroethane

Concen: 46.09 ug/l

RT: 7.54 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VN060390.D

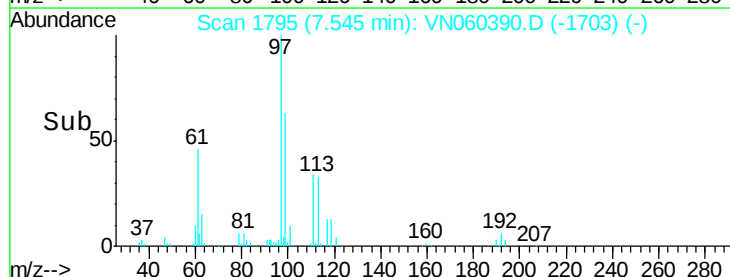
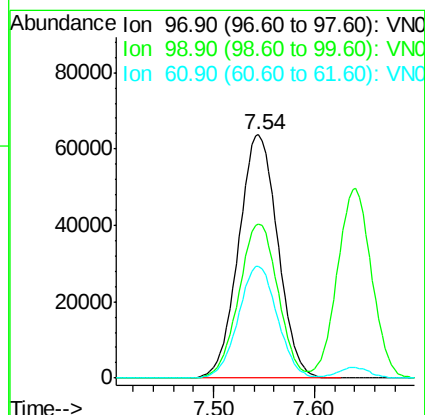
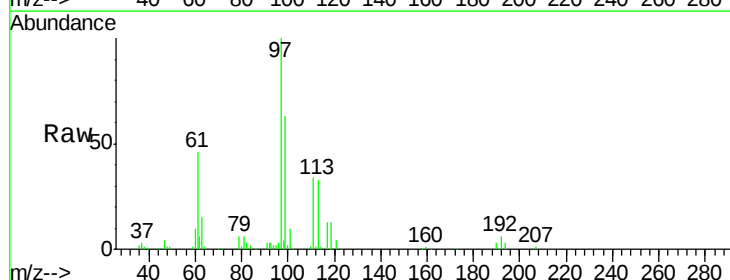
Acq: 9 Mar 2020 9:32

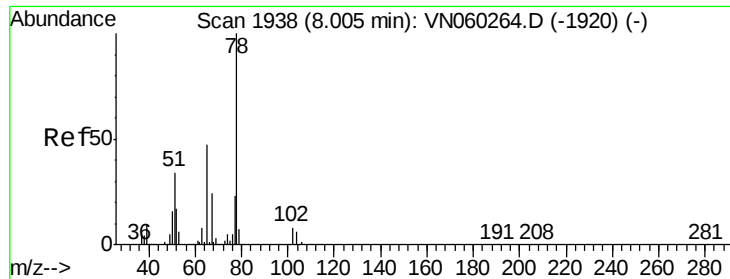
Tgt Ion: 97 Resp: 171606
Ion Ratio Lower Upper

97 100

99 63.3 51.4 77.0

61 45.8 36.6 55.0





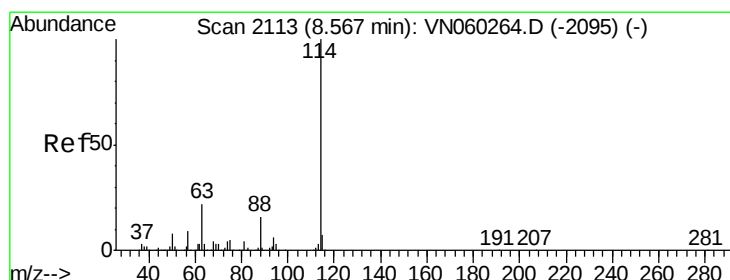
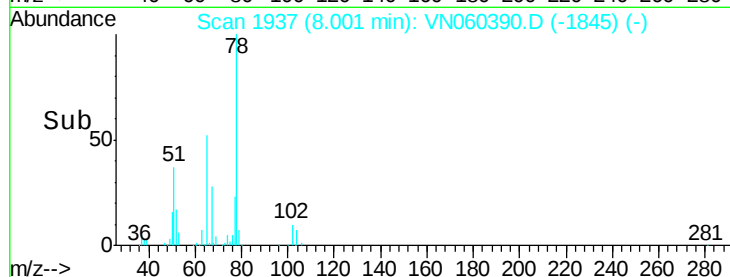
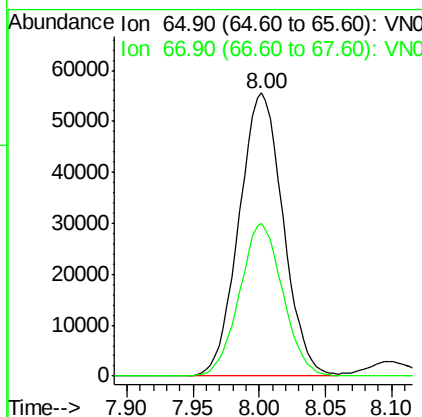
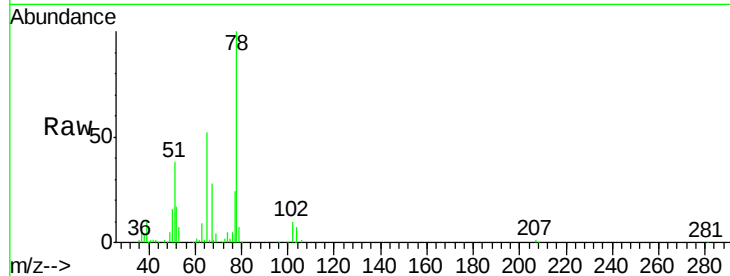
#33
 1,2-Dichloroethane-d4
 Concen: 48.23 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN060390.D
 Acq: 9 Mar 2020 9:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	128594		
67	52.9	0.0	103.8	

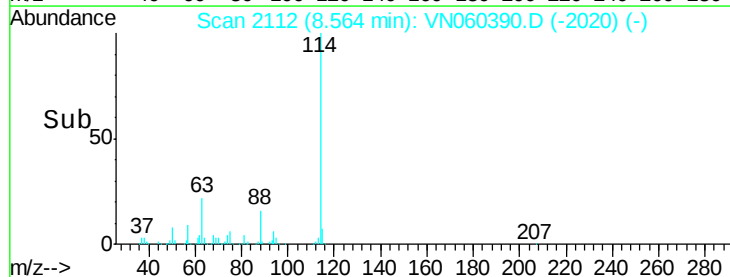
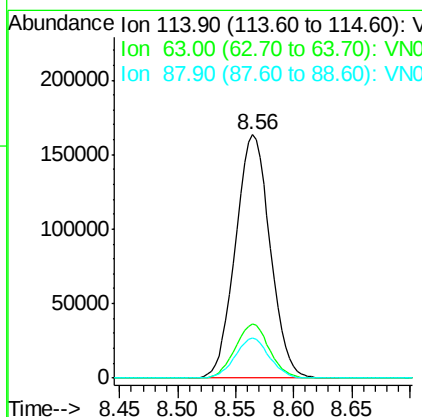
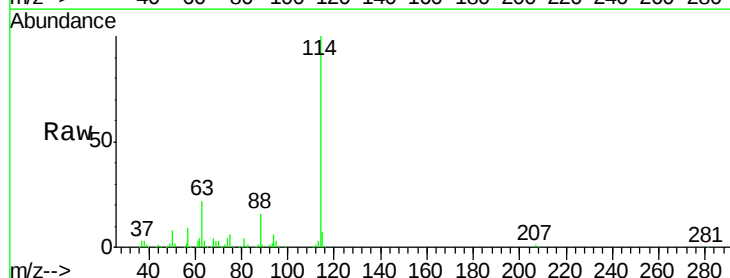
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN060390.D
 Acq: 9 Mar 2020 9:32

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	338677		
63	22.2	0.0	43.2	
88	16.4	0.0	31.6	





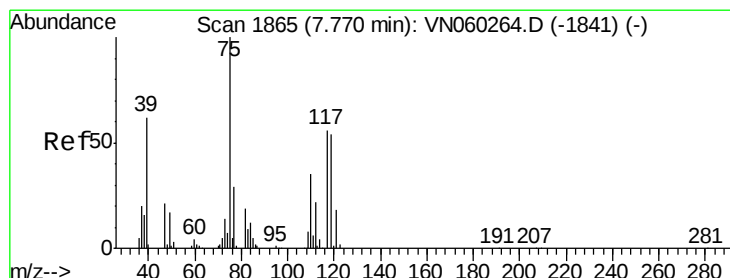
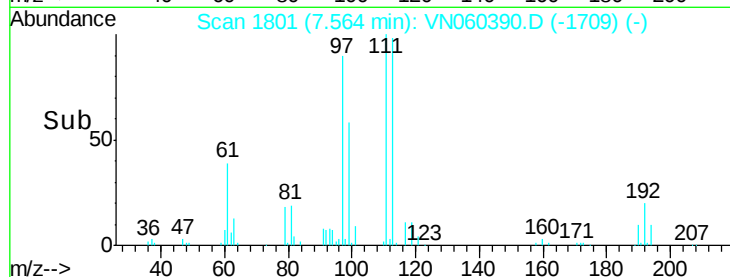
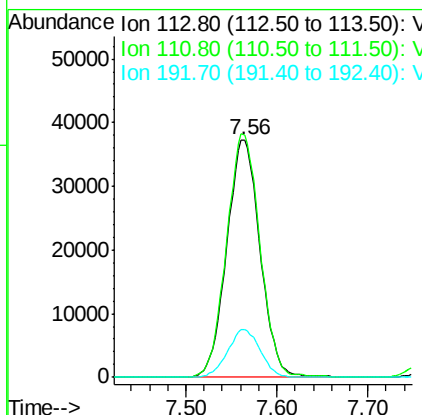
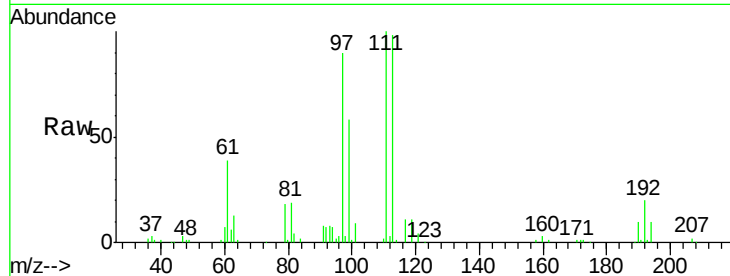
#35
Dibromofluoromethane
Concen: 60.24 ug/l
RT: 7.56 min Scan# 1801
Delta R.T. -0.00 min
Lab File: VN060390.D
Acq: 9 Mar 2020 9:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	94697		
111	103.1	82.4	123.6	
192	19.9	16.2	24.2	

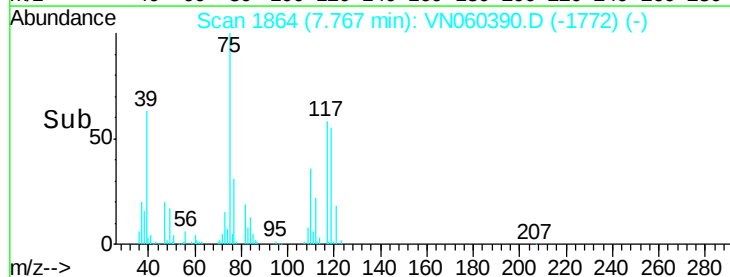
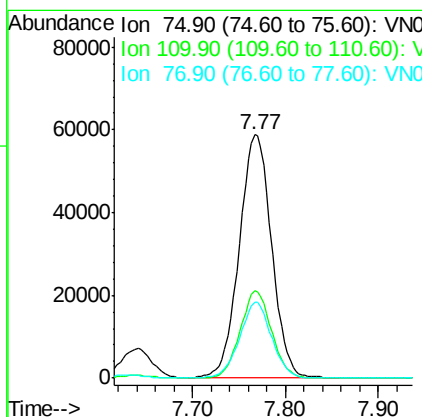
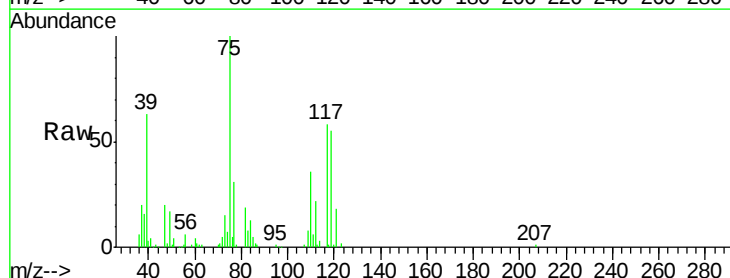
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#36
1,1-Dichloropropene
Concen: 44.15 ug/l
RT: 7.77 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN060390.D
Acq: 9 Mar 2020 9:32

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	142516		
110	34.6	17.3	52.0	
77	30.9	24.2	36.2	





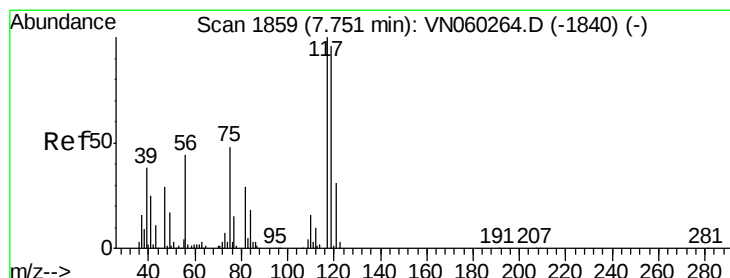
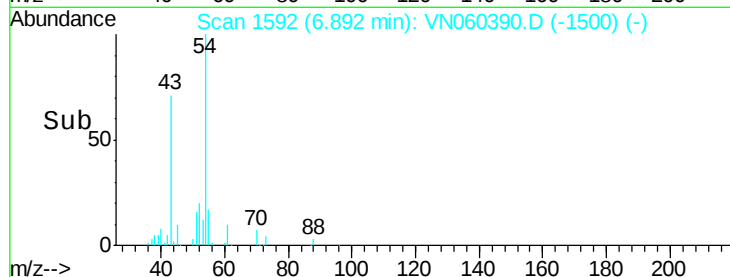
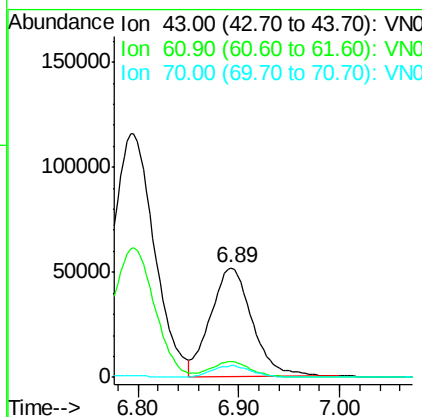
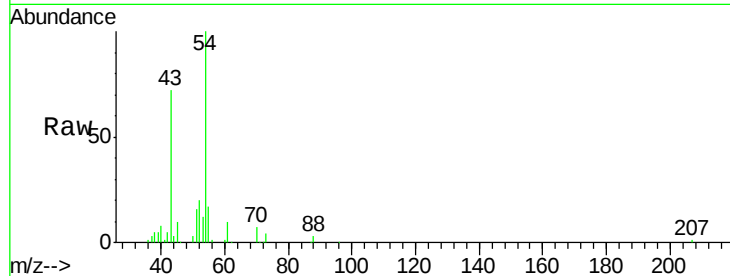
#37
Ethyl Acetate
Concen: 48.84 ug/l
RT: 6.89 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VN060390.D
Acq: 9 Mar 2020 9:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.3	11.1	16.7
70	10.2	8.4	12.6

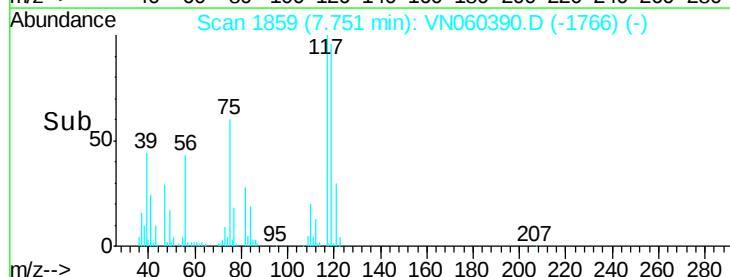
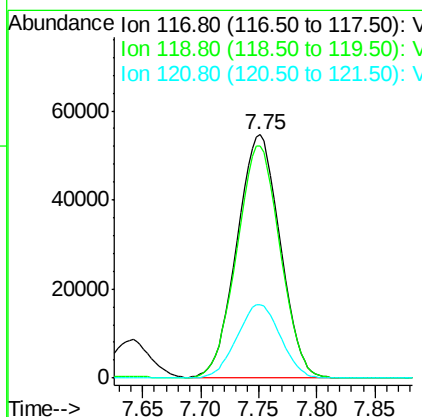
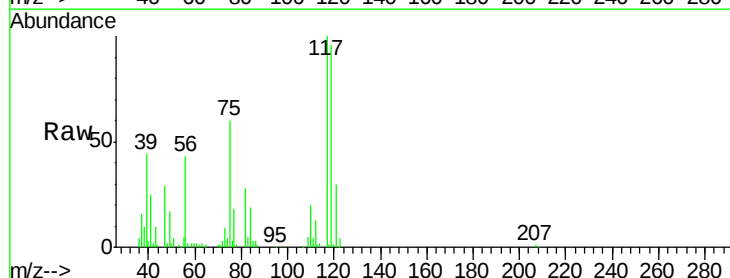
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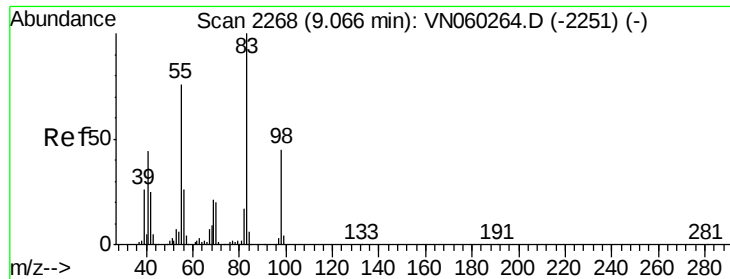
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#38
Carbon Tetrachloride
Concen: 45.10 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VN060390.D
Acq: 9 Mar 2020 9:32

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.6	76.7	115.1
121	30.4	24.5	36.7





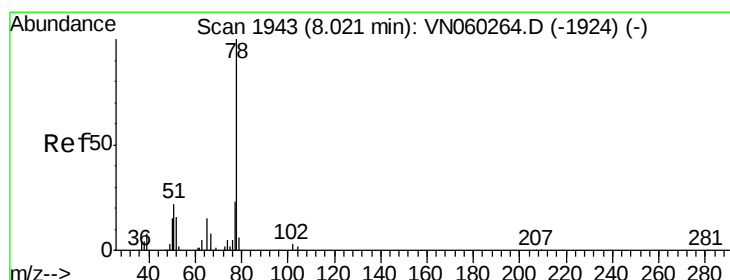
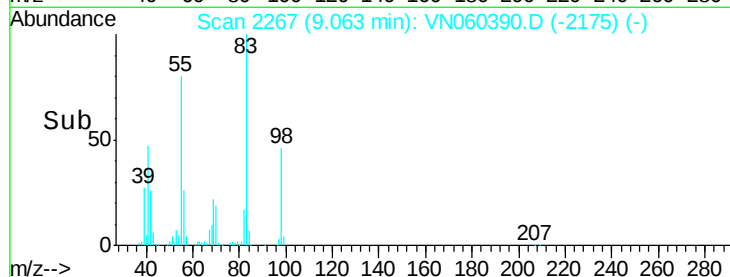
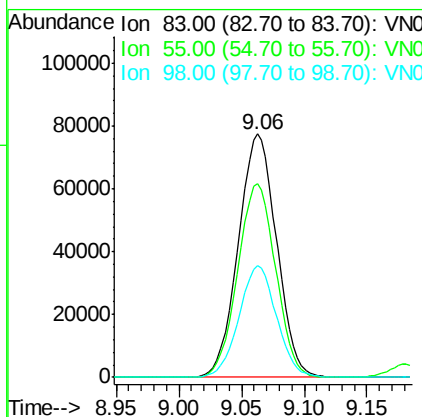
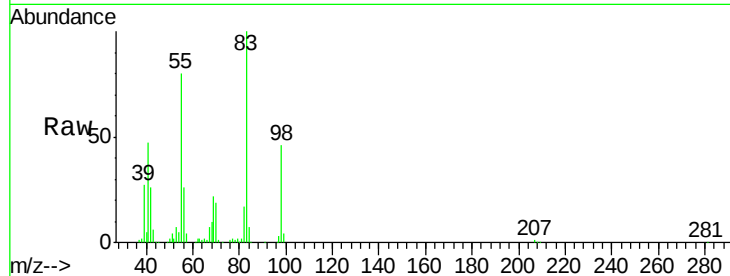
#39
Methylcyclohexane
Concen: 43.20 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN060390.D
Acq: 9 Mar 2020 9:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	164400		
55	79.7	61.0	91.4	
98	45.7	36.1	54.1	

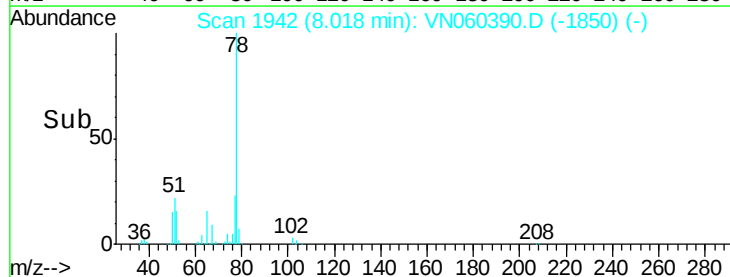
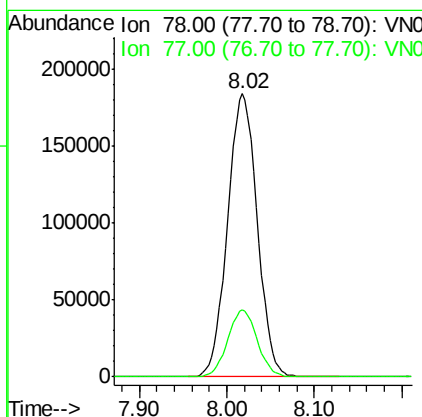
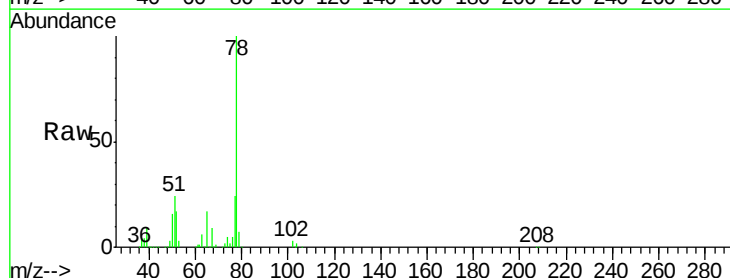
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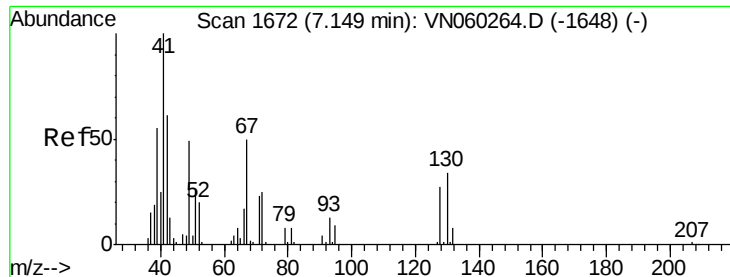
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#40
Benzene
Concen: 46.08 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN060390.D
Acq: 9 Mar 2020 9:32

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	432862		
77	23.6	18.8	28.2	





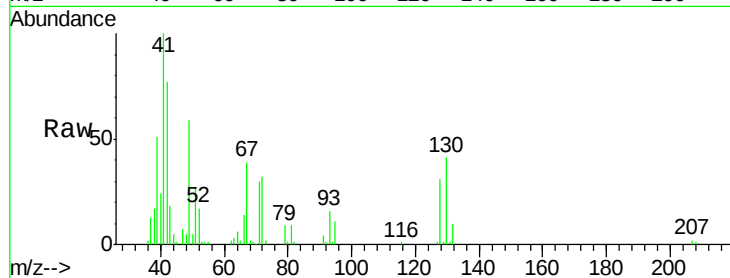
#41
Methacrylonitrile
Concen: 55.39 ug/l m
RT: 7.15 min Scan# 1672
Delta R.T. 0.00 min
Lab File: VN060390.D
Acq: 9 Mar 2020 9:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

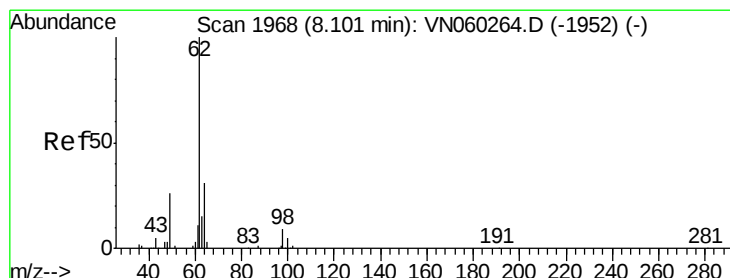
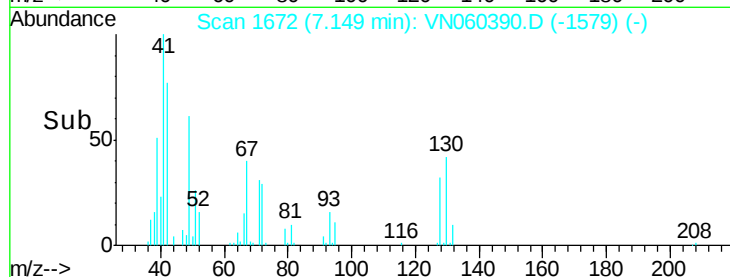
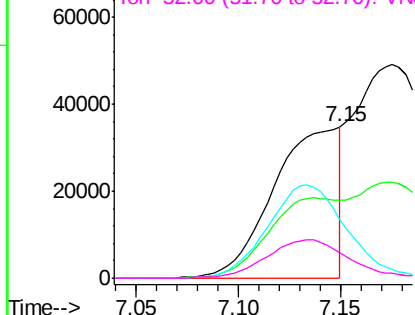
Tgt Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

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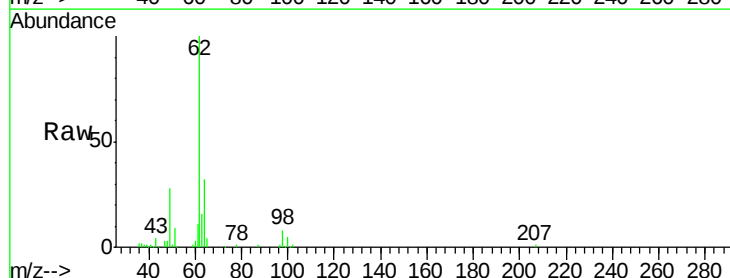


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

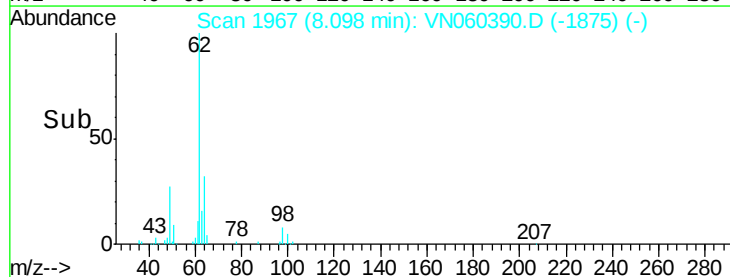
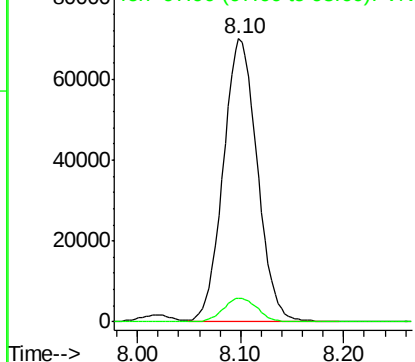


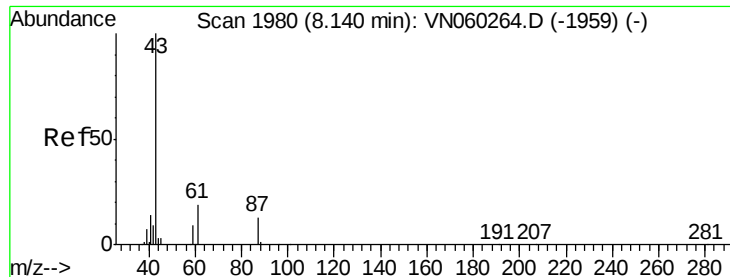
#42
1,2-Dichloroethane
Concen: 47.55 ug/l
RT: 8.10 min Scan# 1967
Delta R.T. -0.00 min
Lab File: VN060390.D
Acq: 9 Mar 2020 9:32

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	17.0



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





#43

Isopropyl Acetate

Concen: 49.05 ug/l

RT: 8.14 min Scan# 1979

Delta R.T. -0.00 min

Lab File: VN060390.D

Acq: 9 Mar 2020 9:32

Instrument :

MSVOA_N

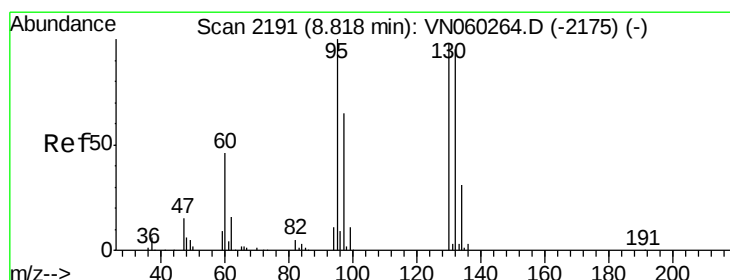
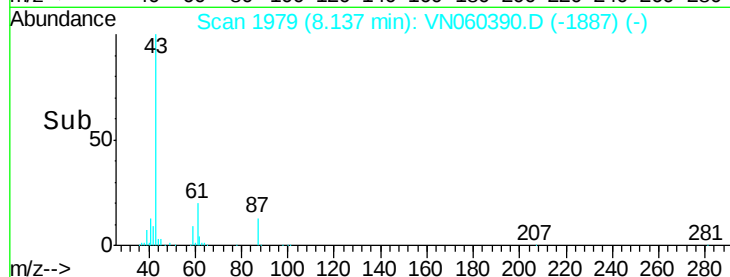
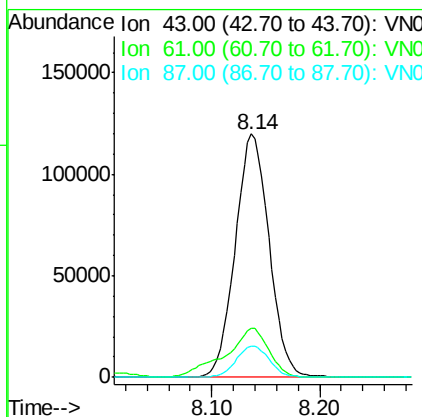
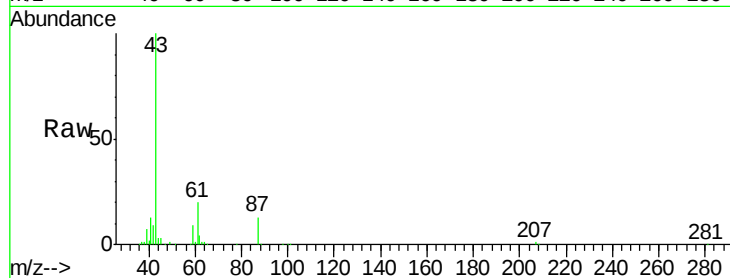
ClientSampleId :

VSTDCCC050

Tgt Ion:	43	Resp:	262422
Ion	Ratio	Lower	Upper
43	100		
61	26.0	20.9	31.3
87	12.6	10.6	16.0

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#44

Trichloroethene

Concen: 45.76 ug/l

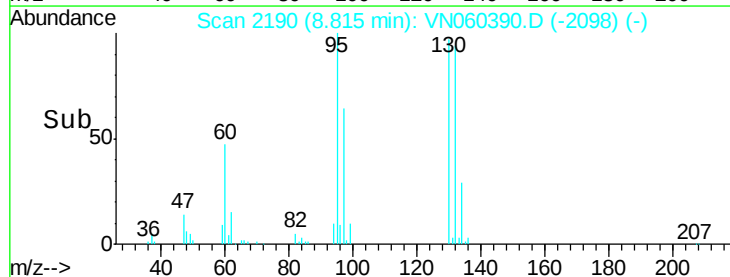
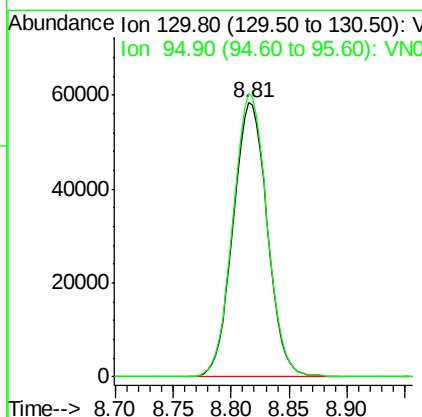
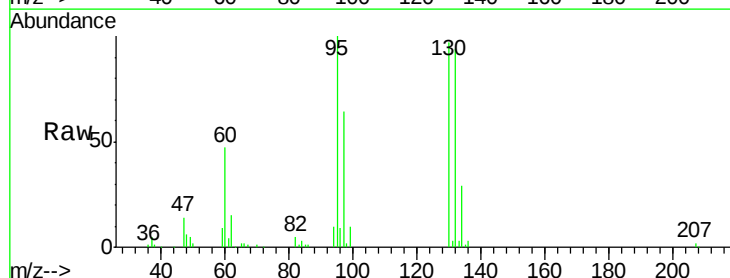
RT: 8.81 min Scan# 2190

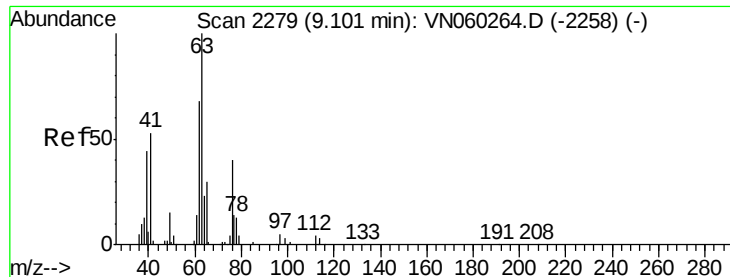
Delta R.T. -0.00 min

Lab File: VN060390.D

Acq: 9 Mar 2020 9:32

Tgt Ion:	130	Resp:	119724
Ion	Ratio	Lower	Upper
130	100		
95	103.2	0.0	203.4





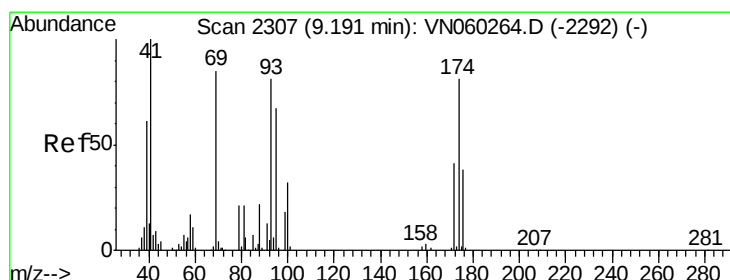
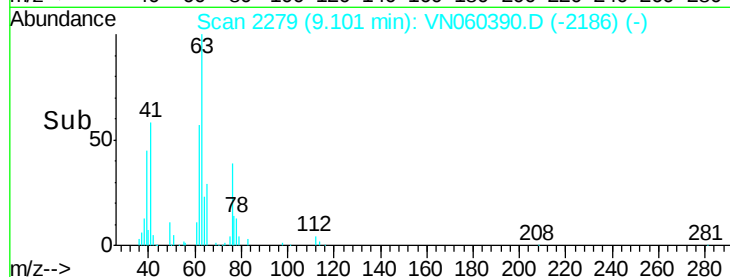
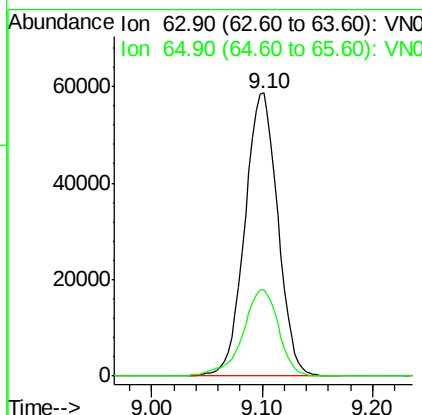
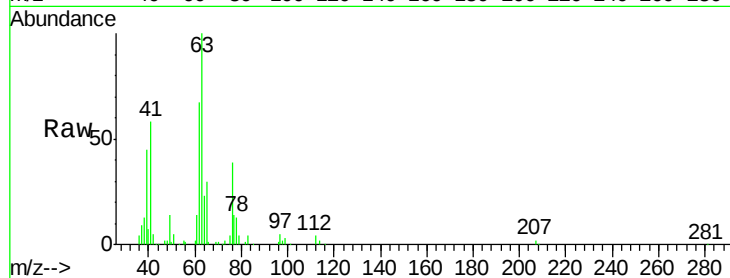
#45
 1,2-Dichloropropane
 Concen: 49.55 ug/l
 RT: 9.10 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: VN060390.D
 Acq: 9 Mar 2020 9:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
63	100		
65	30.3	24.4	36.6

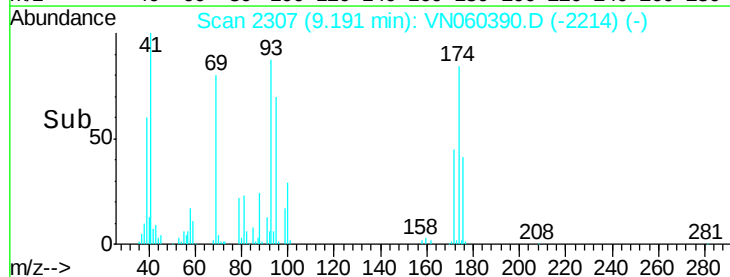
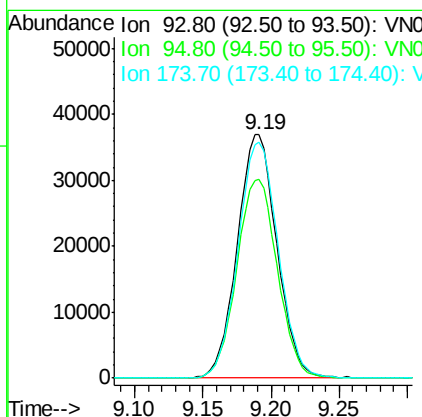
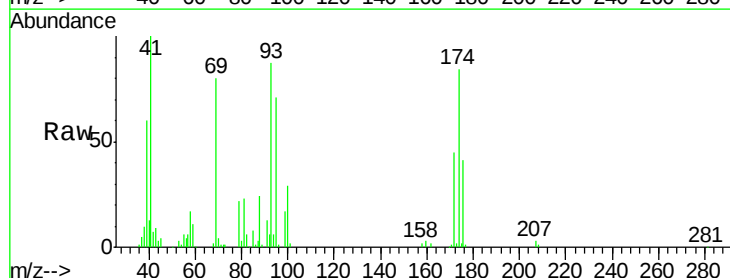
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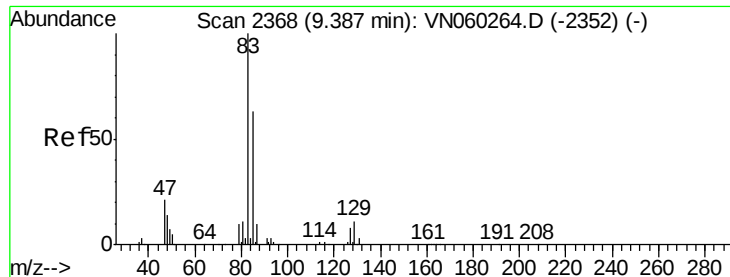
MMDadoda
 3/10/2020 10:45:55 AM



#46
 Dibromomethane
 Concen: 46.72 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: VN060390.D
 Acq: 9 Mar 2020 9:32

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.8	65.9	98.9
174	98.3	79.6	119.4





#47

Bromodichloromethane

Concen: 49.28 ug/l

RT: 9.38 min Scan# 2367

Delta R.T. -0.00 min

Lab File: VN060390.D

Acq: 9 Mar 2020 9:32

Instrument :

MSVOA_N

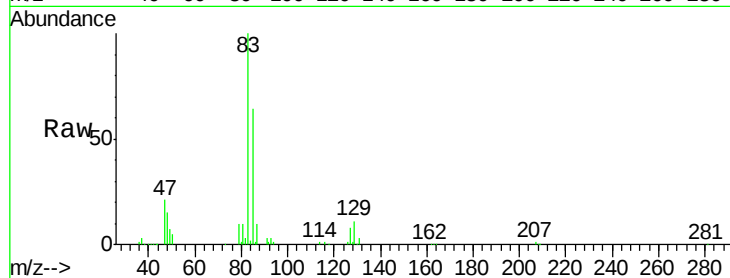
ClientSampleId :

VSTDCCC050

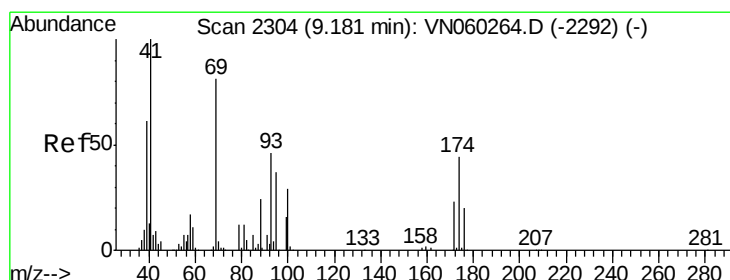
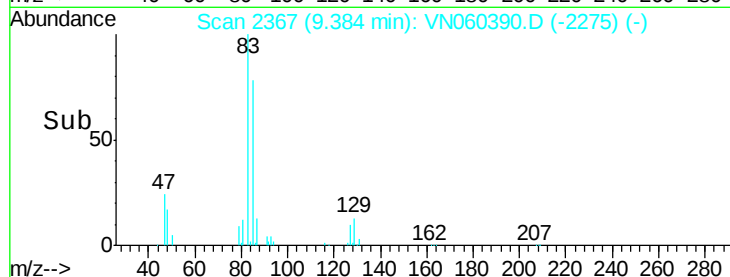
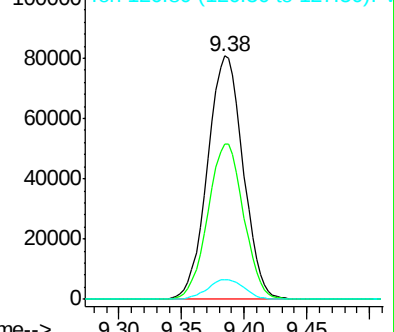
Tgt Ion:	83	Resp:	159737
Ion	Ratio	Lower	Upper
83	100		
85	63.8	50.7	76.1
127	8.2	6.8	10.2

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Abundance Ion 82.90 (82.60 to 83.60): VN060390.D (-2275) (-)



#48

Methyl methacrylate

Concen: 47.44 ug/l

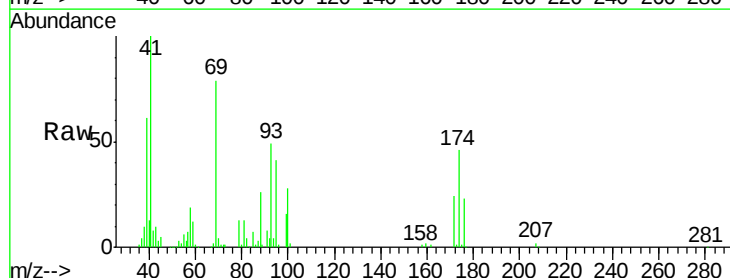
RT: 9.18 min Scan# 2304

Delta R.T. 0.00 min

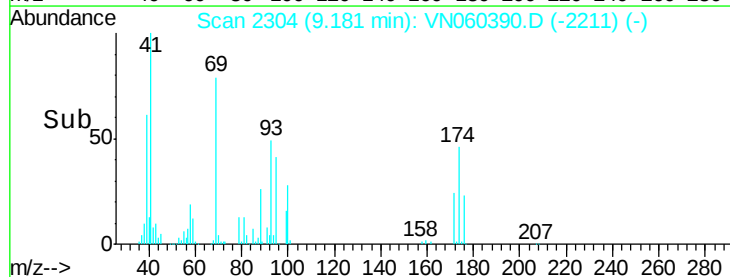
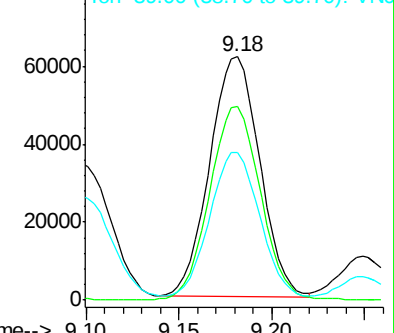
Lab File: VN060390.D

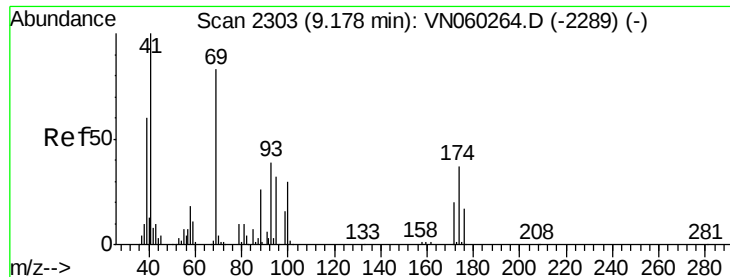
Acq: 9 Mar 2020 9:32

Tgt Ion:	41	Resp:	115745
Ion	Ratio	Lower	Upper
41	100		
69	82.0	66.7	100.1
39	63.0	50.1	75.1



Abundance Ion 41.00 (40.70 to 41.70): VN060390.D (-2211) (-)





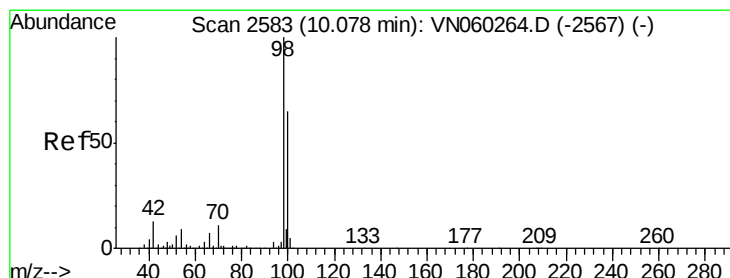
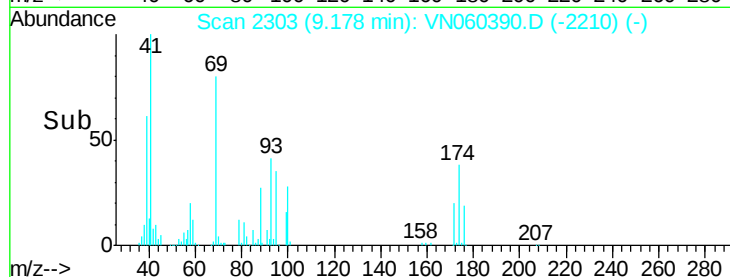
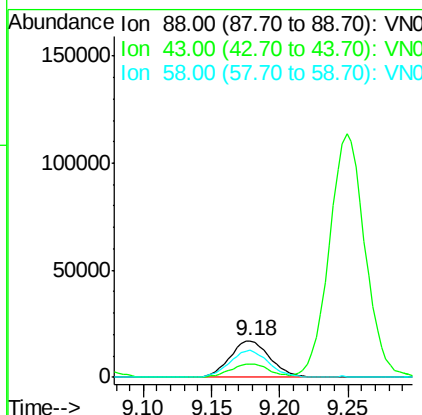
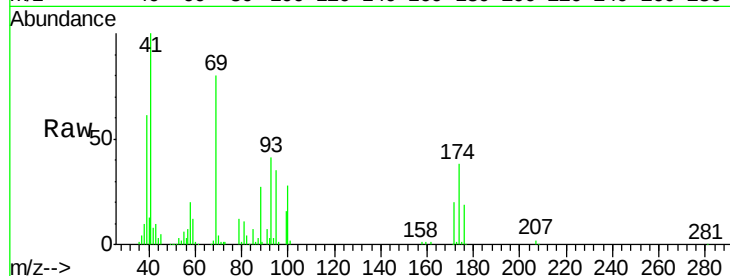
#49
1,4-Dioxane
Concen: 1015.51 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. 0.00 min
Lab File: VN060390.D
Acq: 9 Mar 2020 9:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
88	100		
43	36.1	30.4	45.6
58	71.7	57.0	85.6

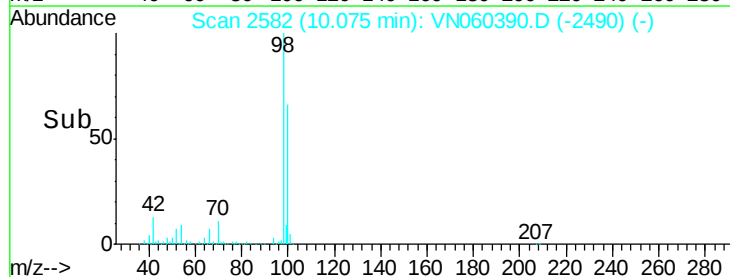
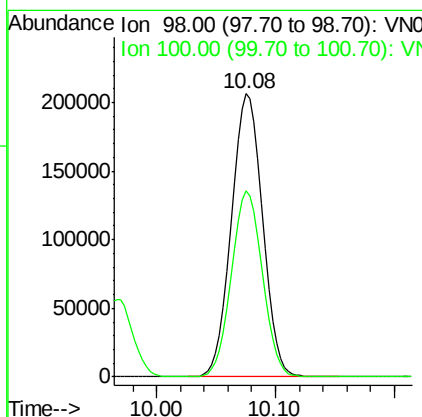
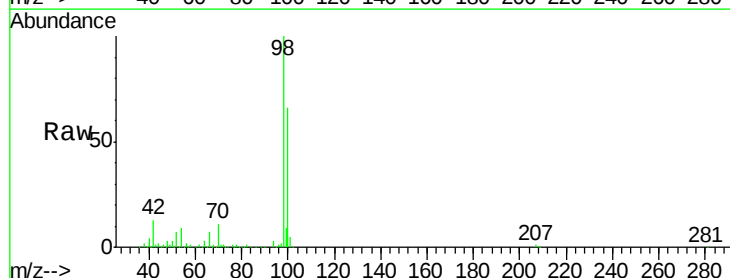
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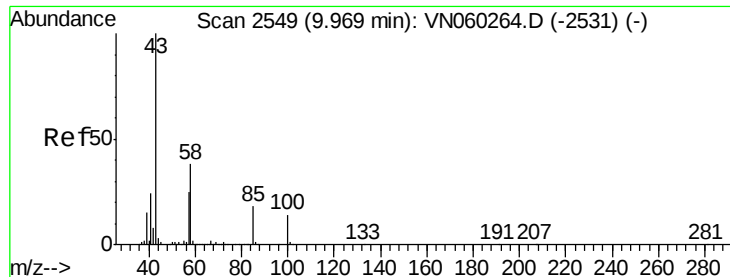
MMDadoda
3/10/2020 10:45:55 AM



#50
Toluene-d8
Concen: 47.20 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN060390.D
Acq: 9 Mar 2020 9:32

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.2	78.2





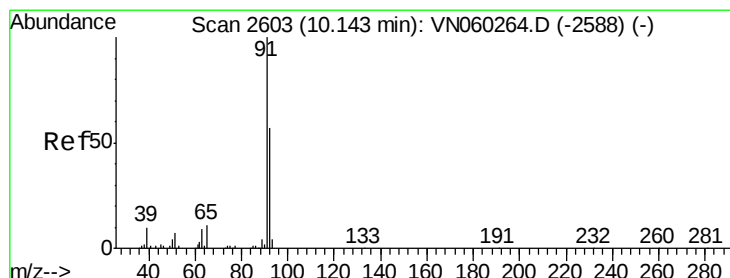
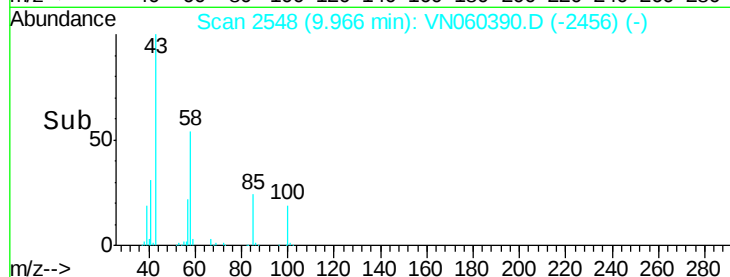
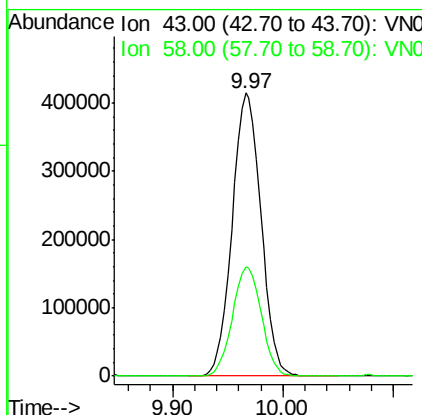
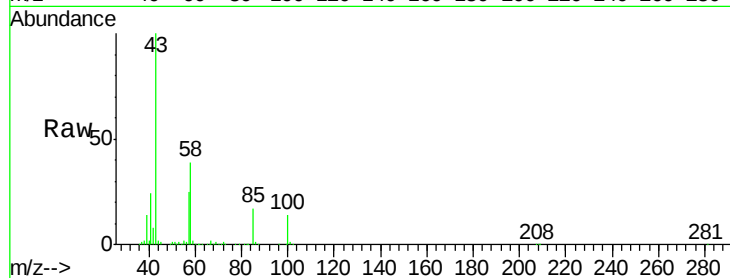
#51
4-Methyl-2-Pentanone
Concen: 247.48 ug/l
RT: 9.97 min Scan# 2548
Delta R.T. -0.00 min
Lab File: VN060390.D
Acq: 9 Mar 2020 9:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 750779
Ion Ratio Lower Upper
43 100
58 38.8 30.9 46.3

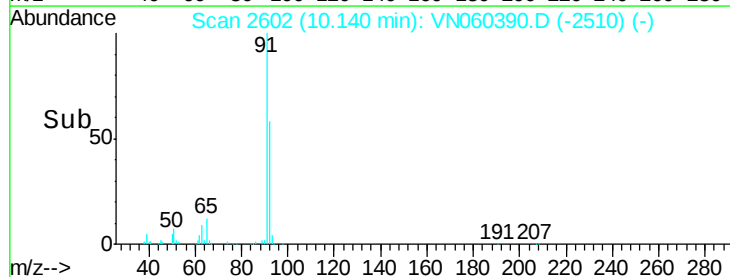
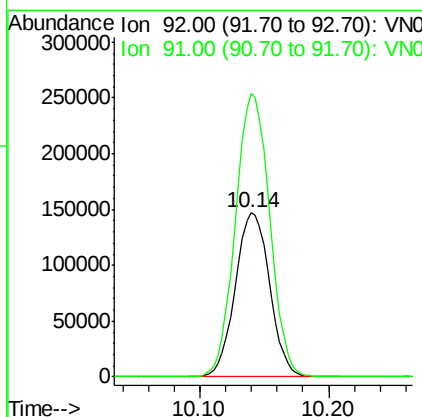
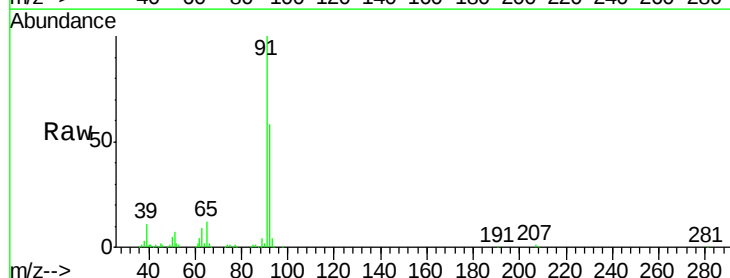
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#52
Toluene
Concen: 46.13 ug/l
RT: 10.14 min Scan# 2602
Delta R.T. -0.00 min
Lab File: VN060390.D
Acq: 9 Mar 2020 9:32

Tgt Ion: 92 Resp: 272225
Ion Ratio Lower Upper
92 100
91 172.6 138.1 207.1





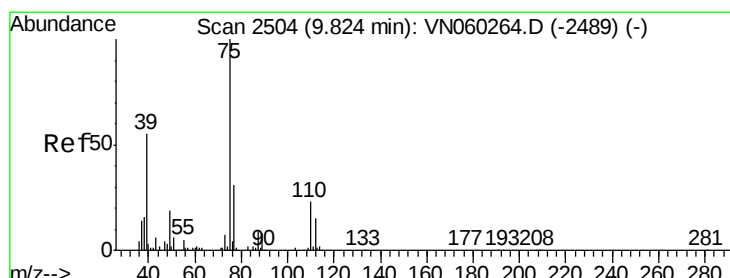
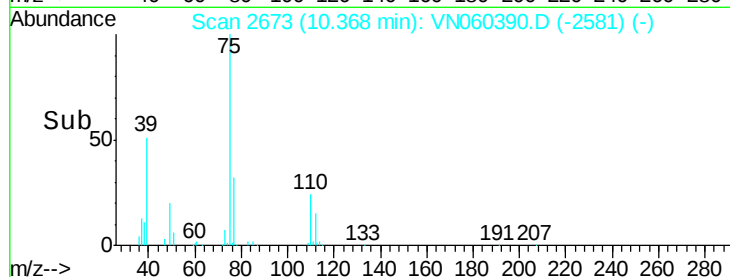
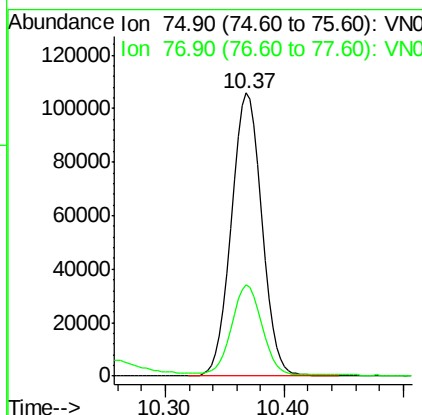
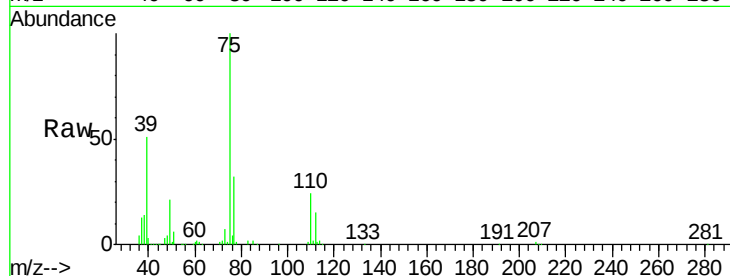
#53
 t-1,3-Dichloropropene
 Concen: 47.43 ug/l
 RT: 10.37 min Scan# 2673
 Delta R.T. -0.00 min
 Lab File: VN060390.D
 Acq: 9 Mar 2020 9:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 75 Resp: 188388
 Ion Ratio Lower Upper
 75 100
 77 31.7 24.8 37.2

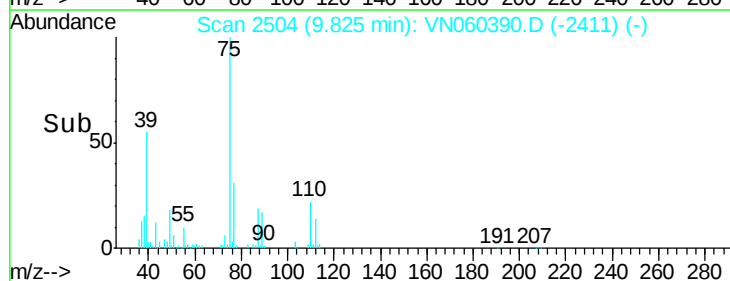
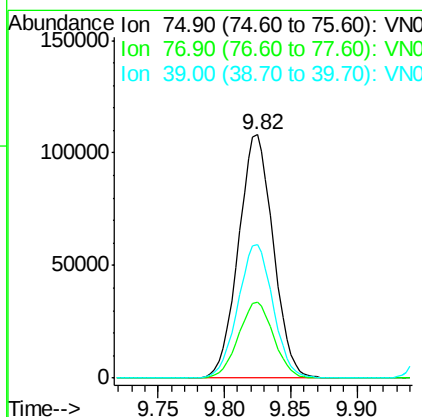
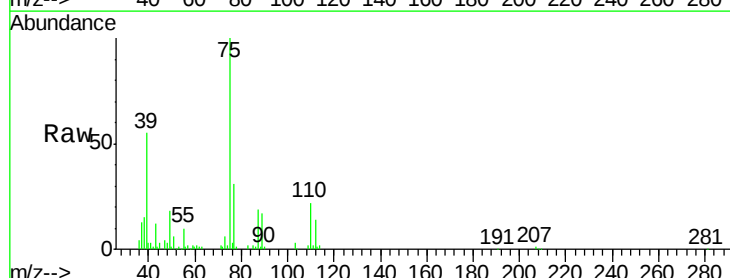
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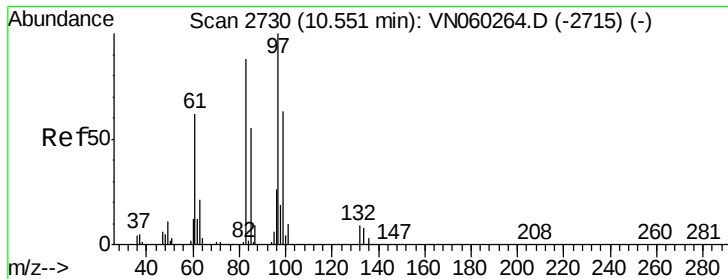
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#54
 cis-1,3-Dichloropropene
 Concen: 47.88 ug/l
 RT: 9.82 min Scan# 2504
 Delta R.T. 0.00 min
 Lab File: VN060390.D
 Acq: 9 Mar 2020 9:32

Tgt Ion: 75 Resp: 197063
 Ion Ratio Lower Upper
 75 100
 77 31.4 24.8 37.2
 39 54.7 43.8 65.8





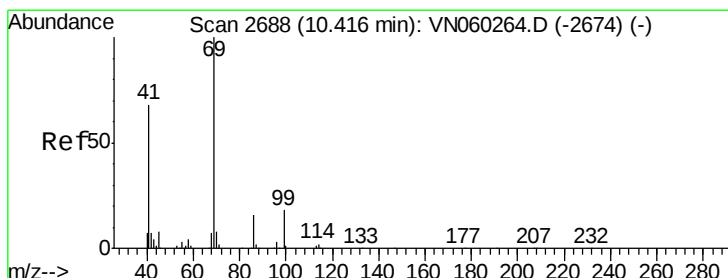
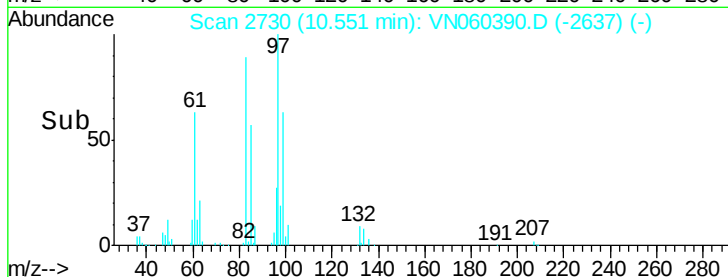
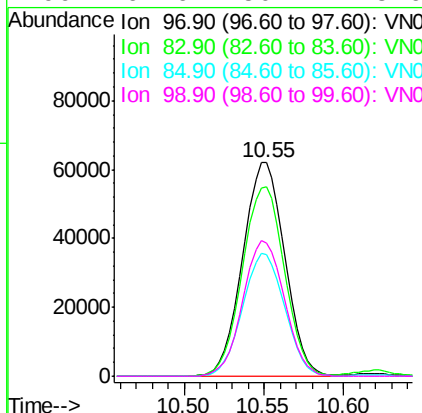
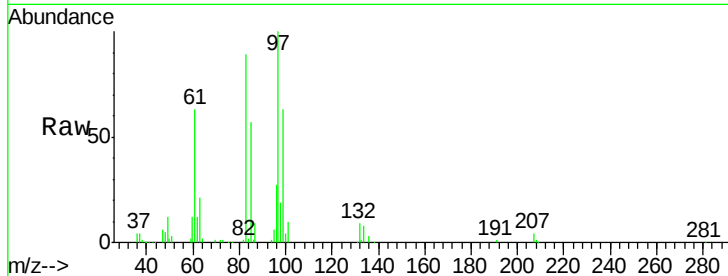
#55
 1,1,2-Trichloroethane
 Concen: 47.02 ug/l
 RT: 10.55 min Scan# 2730
 Delta R.T. 0.00 min
 Lab File: VN060390.D
 Acq: 9 Mar 2020 9:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:	97	Resp:	111587
Ion	Ratio	Lower	Upper
97	100		
83	88.9	70.0	105.0
85	56.8	44.0	66.0
99	62.6	50.4	75.6

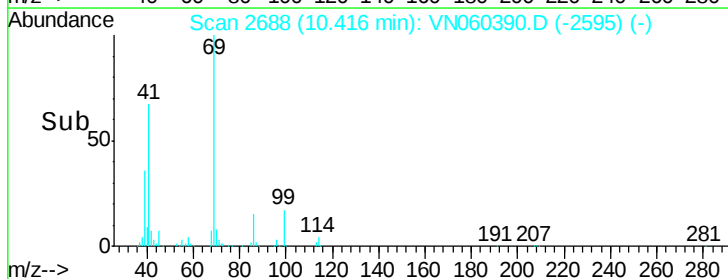
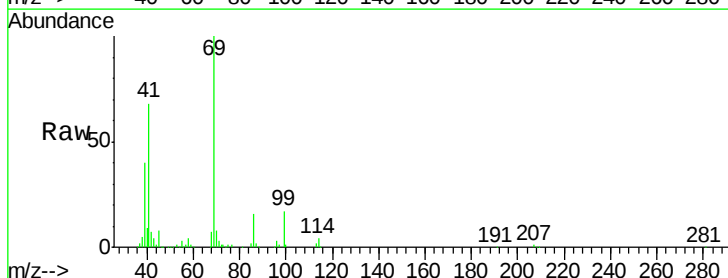
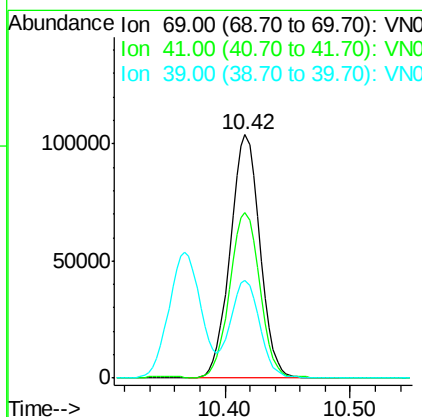
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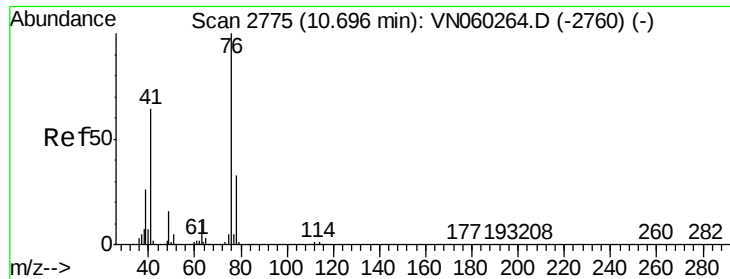
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#56
 Ethyl methacrylate
 Concen: 50.10 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. 0.00 min
 Lab File: VN060390.D
 Acq: 9 Mar 2020 9:32

Tgt Ion:	69	Resp:	170806
Ion	Ratio	Lower	Upper
69	100		
41	68.7	54.1	81.1
39	39.6	32.5	48.7





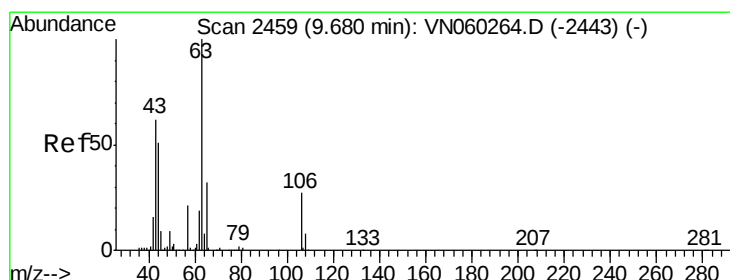
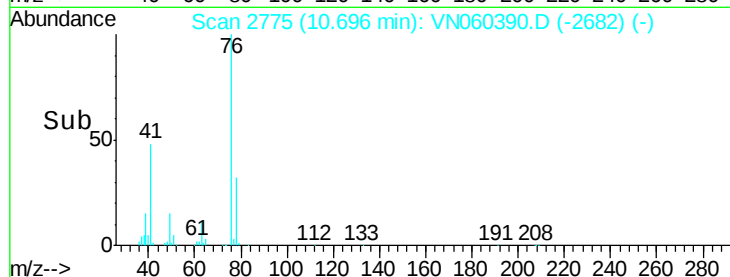
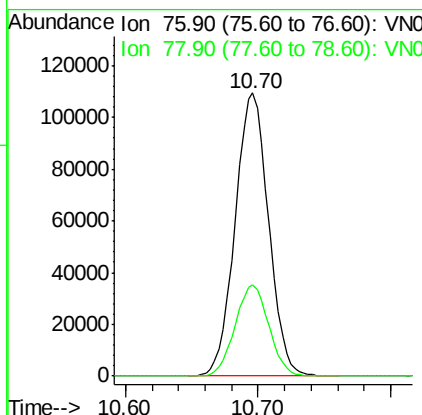
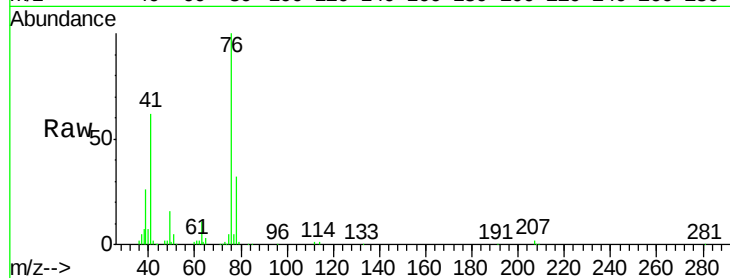
#57
 1,3-Dichloropropane
 Concen: 49.43 ug/l
 RT: 10.70 min Scan# 2775
 Delta R.T. 0.00 min
 Lab File: VN060390.D
 Acq: 9 Mar 2020 9:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 76 Resp: 191307
 Ion Ratio Lower Upper
 76 100
 78 32.6 26.2 39.2

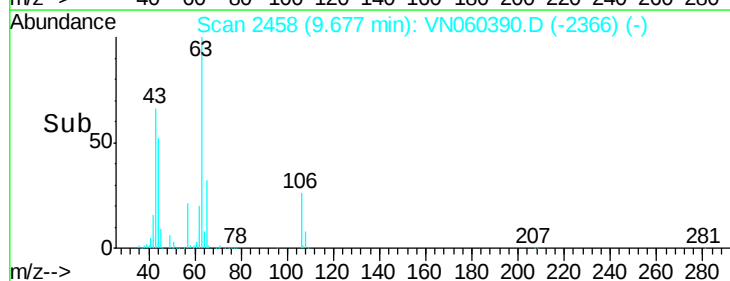
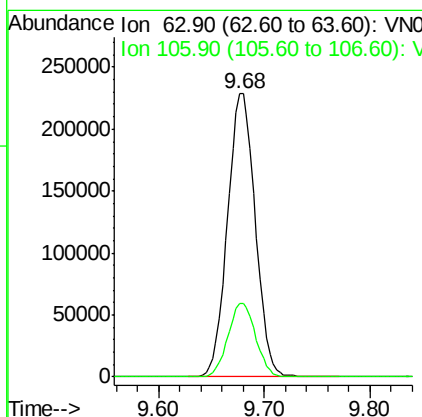
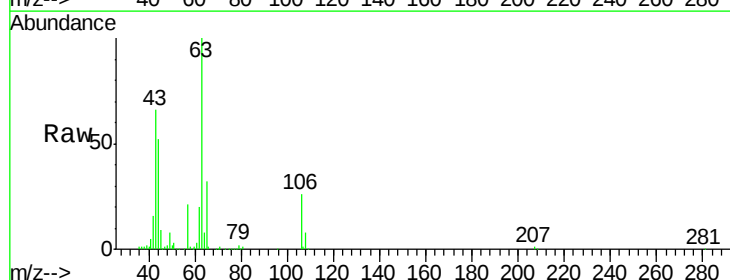
Manual Integrations
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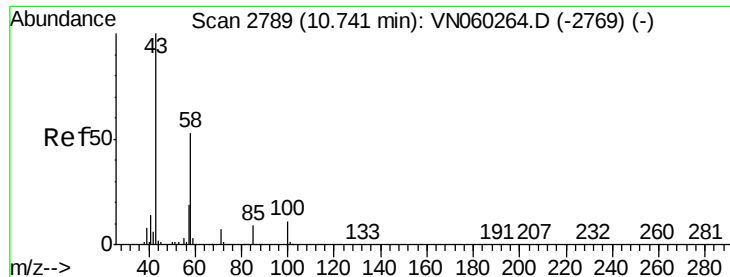
MMDadoda
 3/10/2020 10:45:55 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 232.85 ug/l
 RT: 9.68 min Scan# 2458
 Delta R.T. -0.00 min
 Lab File: VN060390.D
 Acq: 9 Mar 2020 9:32

Tgt Ion: 63 Resp: 415216
 Ion Ratio Lower Upper
 63 100
 106 26.0 21.1 31.7





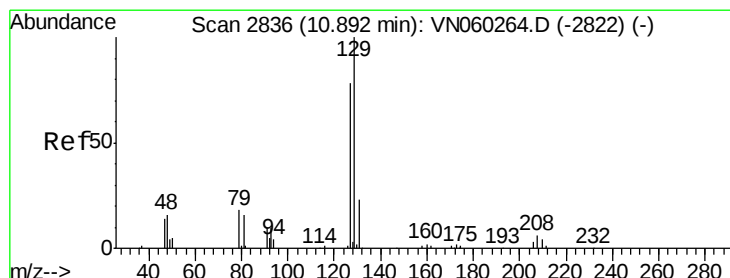
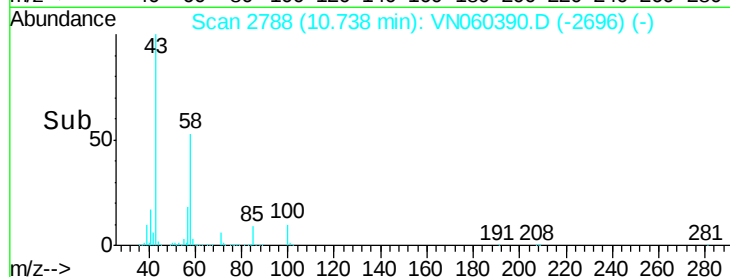
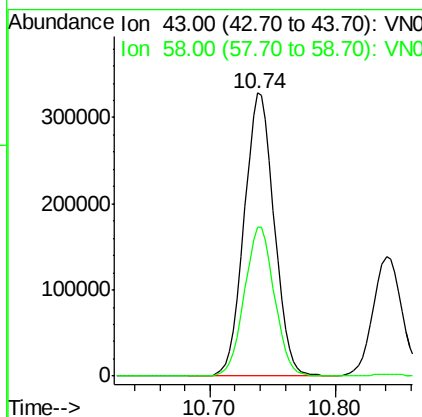
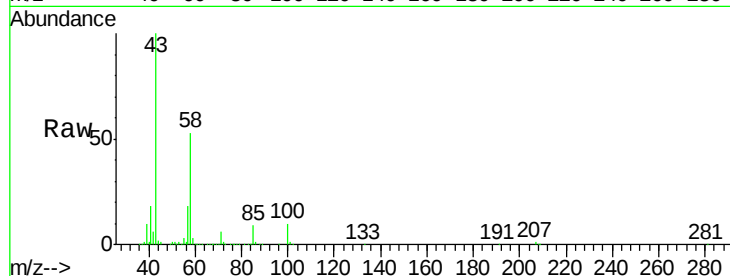
#59
2-Hexanone
Concen: 246.19 ug/l
RT: 10.74 min Scan# 2788
Delta R.T. -0.00 min
Lab File: VN060390.D
Acq: 9 Mar 2020 9:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 548357
Ion Ratio Lower Upper
43 100
58 52.6 26.5 79.5

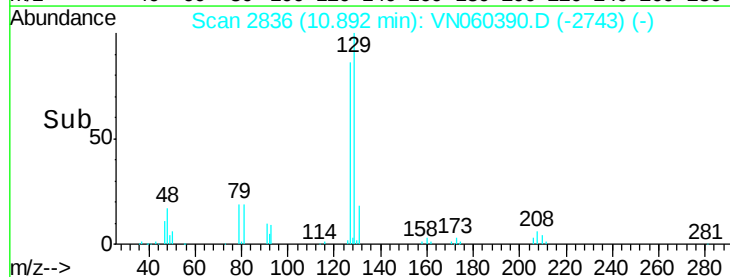
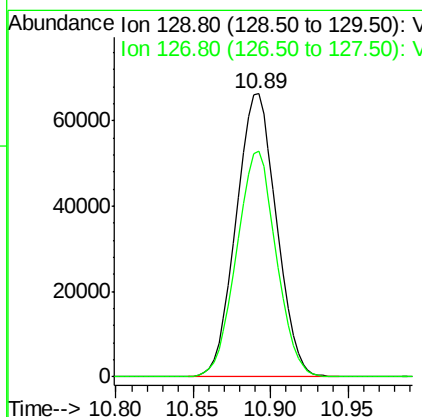
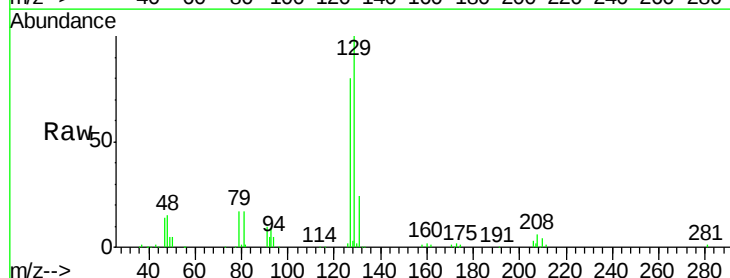
Manual Integrations
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#60
Dibromochloromethane
Concen: 49.82 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. 0.00 min
Lab File: VN060390.D
Acq: 9 Mar 2020 9:32

Tgt Ion: 129 Resp: 120232
Ion Ratio Lower Upper
129 100
127 78.4 38.9 116.7





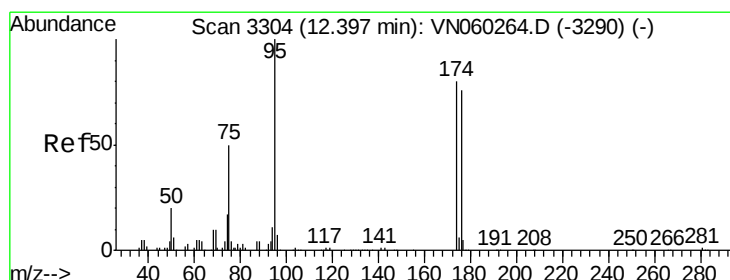
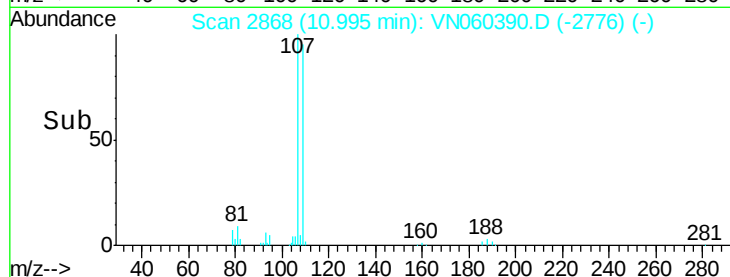
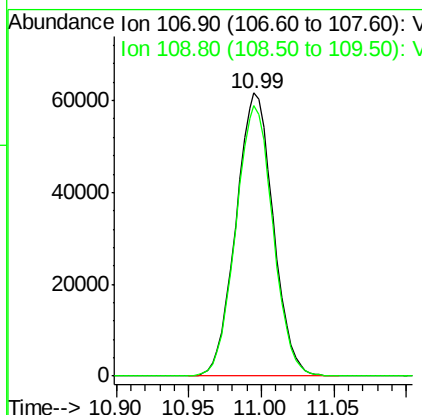
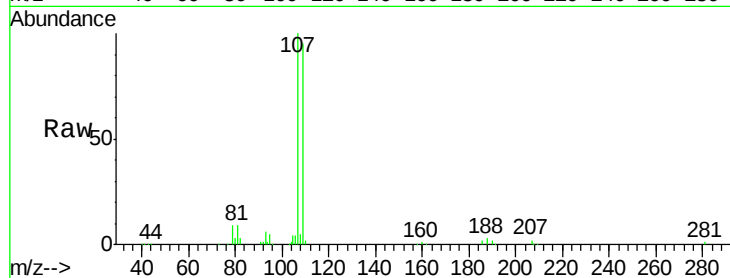
#61
1,2-Dibromoethane
Concen: 47.56 ug/l
RT: 10.99 min Scan# 2868
Delta R.T. -0.00 min
Lab File: VN060390.D
Acq: 9 Mar 2020 9:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 107 Resp: 110019
Ion Ratio Lower Upper
107 100
109 95.5 76.8 115.2

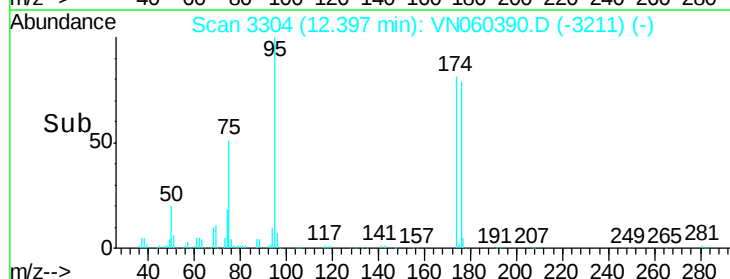
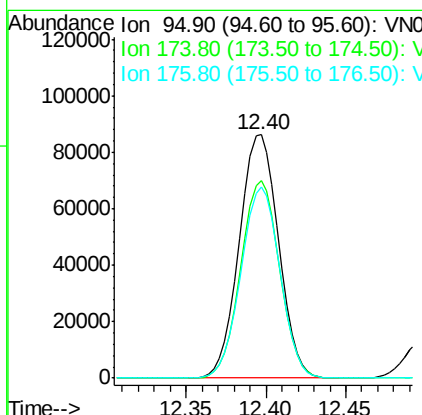
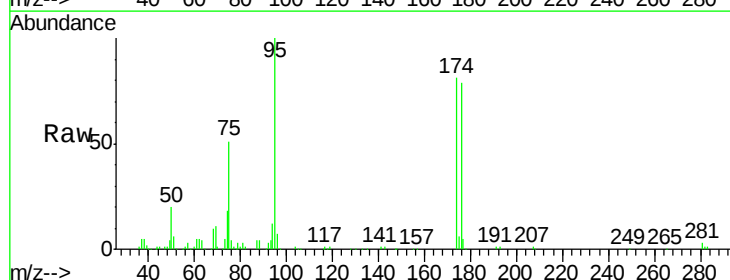
Manual Integrations
APPROVED

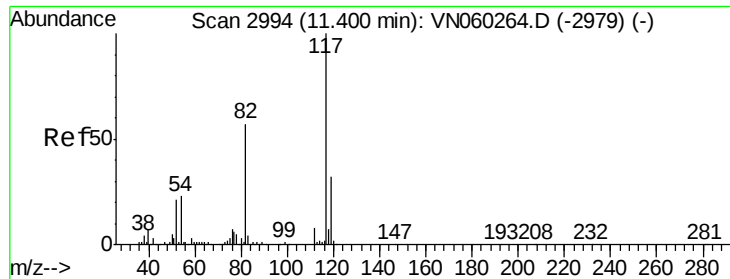
MMDadoda
3/10/2020 10:45:55 AM



#62
4-Bromofluorobenzene
Concen: 47.81 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.00 min
Lab File: VN060390.D
Acq: 9 Mar 2020 9:32

Tgt Ion: 95 Resp: 144186
Ion Ratio Lower Upper
95 100
174 80.2 0.0 159.2
176 77.8 0.0 153.8





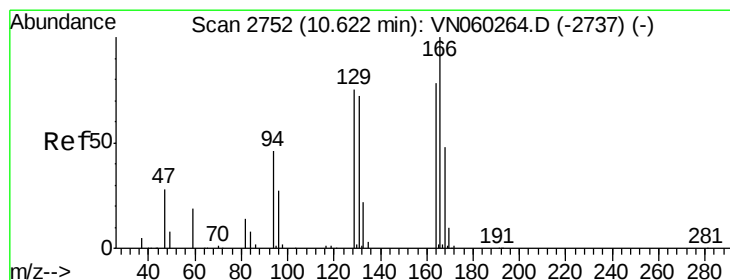
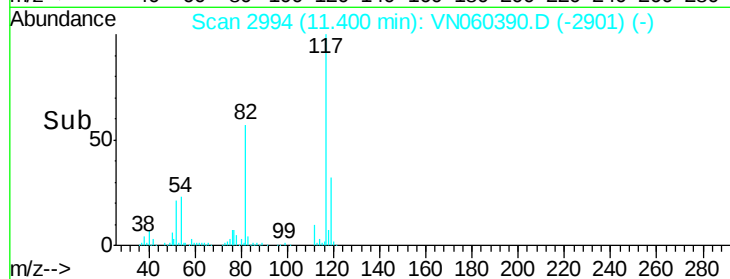
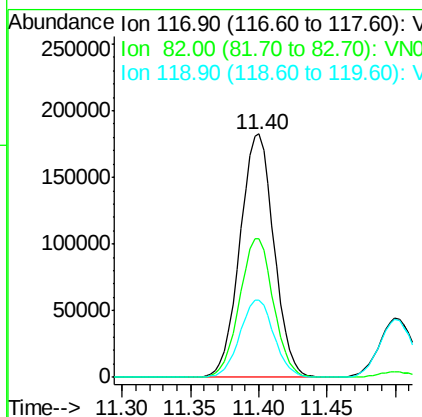
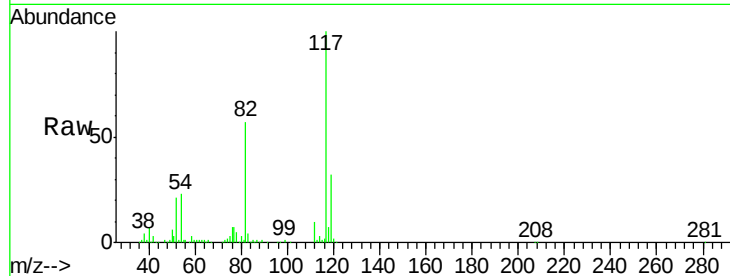
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060390.D
Acq: 9 Mar 2020 9:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	315811		
82	56.7	45.8	68.6	
119	31.8	25.8	38.8	

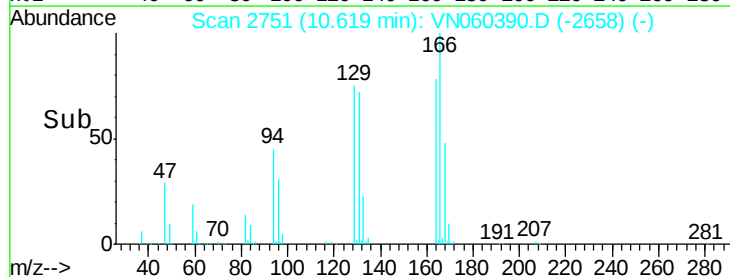
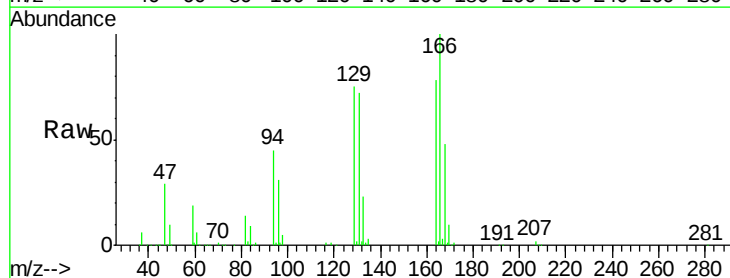
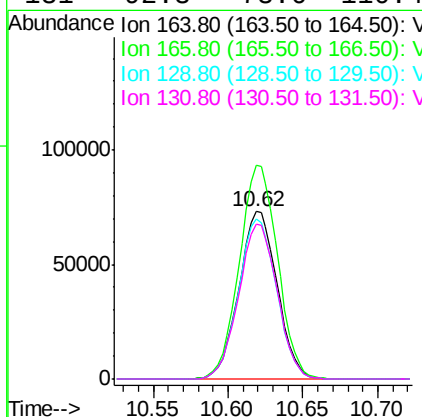
Manual Integrations
APPROVED

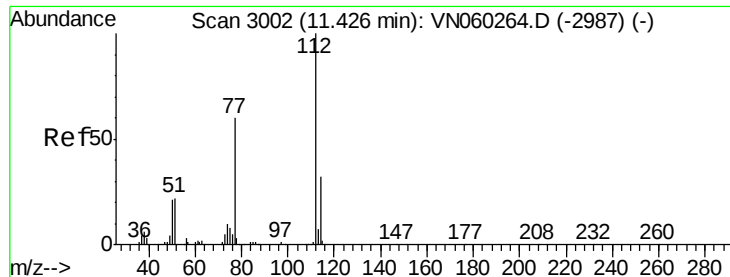
MMDadoda
3/10/2020 10:45:55 AM



#64
Tetrachloroethene
Concen: 52.22 ug/l
RT: 10.62 min Scan# 2751
Delta R.T. -0.00 min
Lab File: VN060390.D
Acq: 9 Mar 2020 9:32

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	129702		
166	127.7	102.0	153.0	
129	95.9	76.4	114.6	
131	92.3	73.6	110.4	





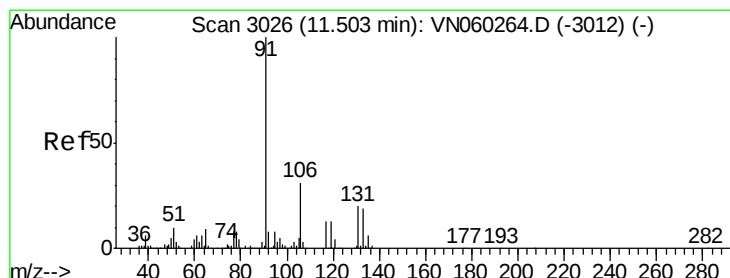
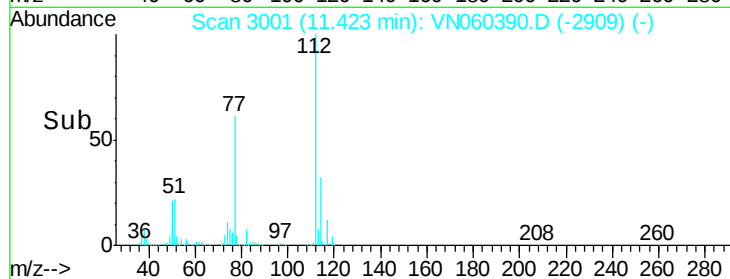
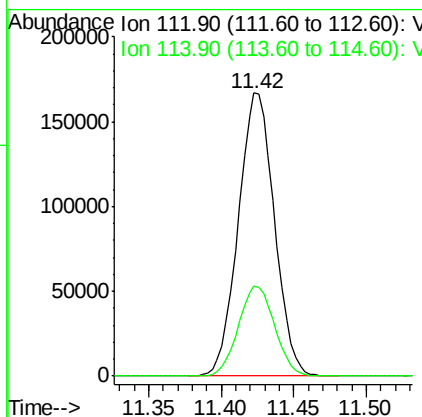
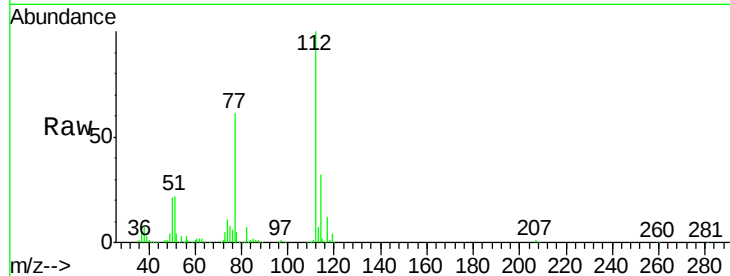
#65
Chlorobenzene
Concen: 45.35 ug/l
RT: 11.42 min Scan# 3001
Delta R.T. -0.00 min
Lab File: VN060390.D
Acq: 9 Mar 2020 9:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.0	25.4	38.0

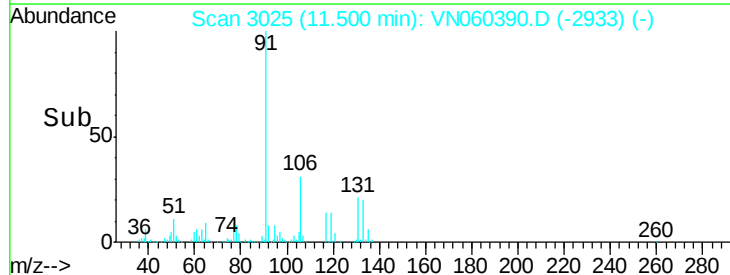
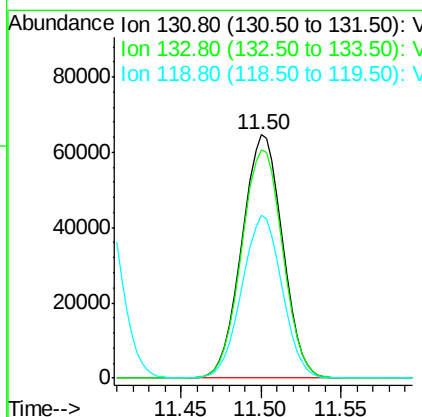
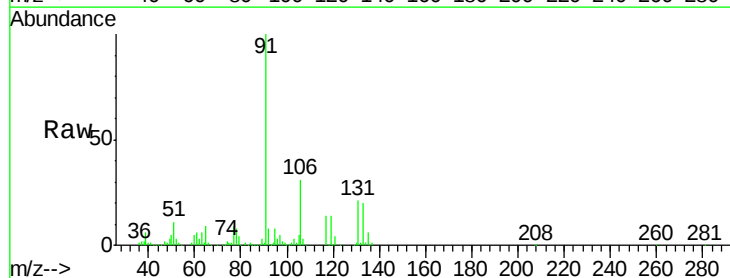
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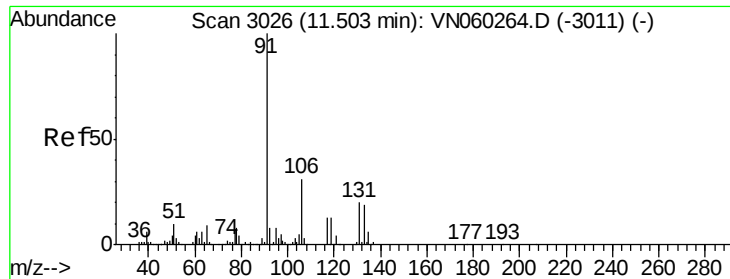
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 47.70 ug/l
RT: 11.50 min Scan# 3025
Delta R.T. -0.00 min
Lab File: VN060390.D
Acq: 9 Mar 2020 9:32

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.3	47.7	143.1
119	65.8	33.2	99.6





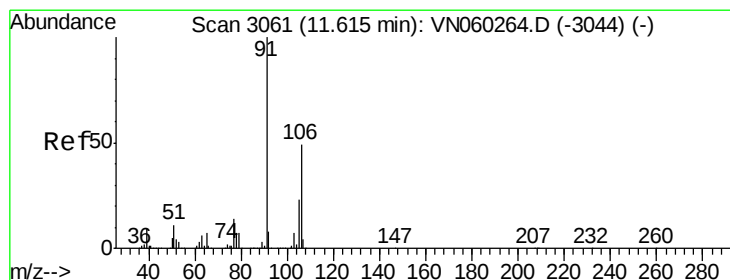
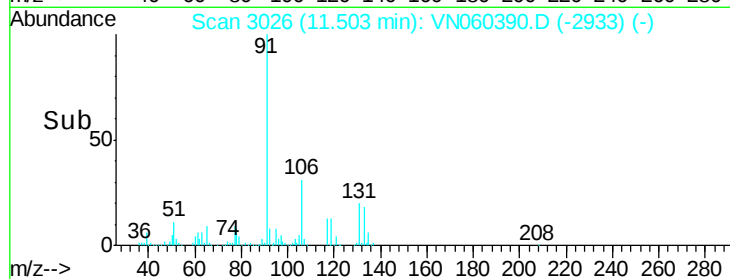
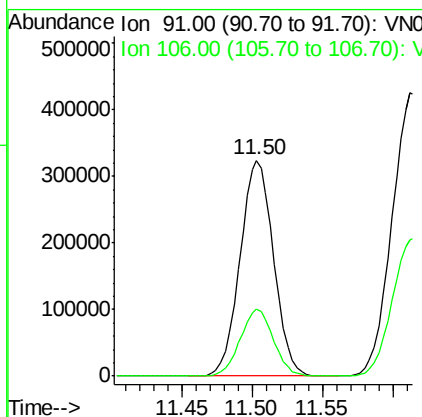
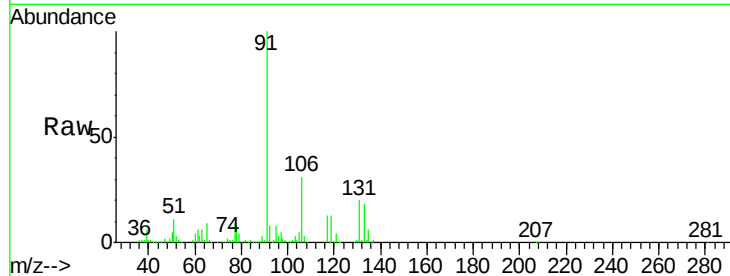
#67
Ethyl Benzene
Concen: 46.34 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. 0.00 min
Lab File: VN060390.D
Acq: 9 Mar 2020 9:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 538167
Ion Ratio Lower Upper
91 100
106 30.8 24.7 37.1

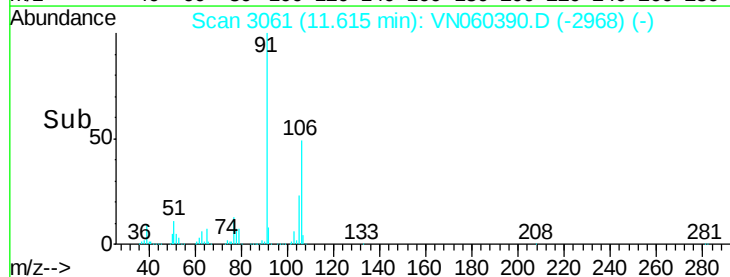
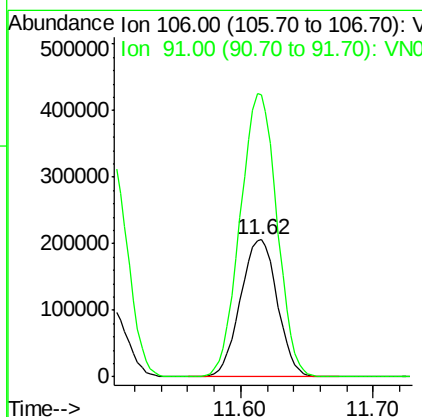
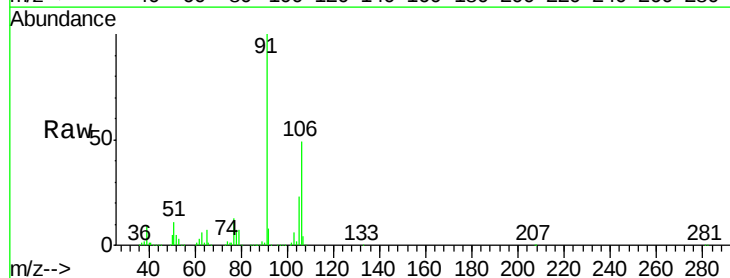
Manual Integrations
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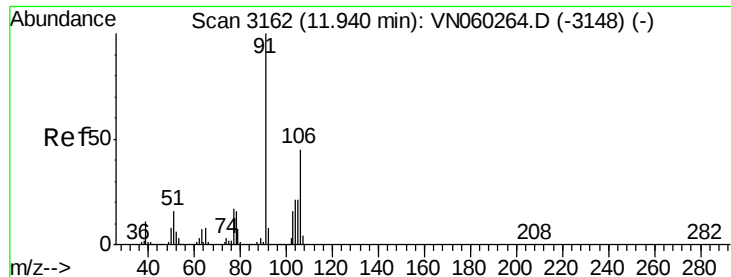
MMDadoda
3/10/2020 10:45:55 AM



#68
m/p-Xylenes
Concen: 91.02 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. 0.00 min
Lab File: VN060390.D
Acq: 9 Mar 2020 9:32

Tgt Ion: 106 Resp: 398815
Ion Ratio Lower Upper
106 100
91 205.5 164.5 246.7





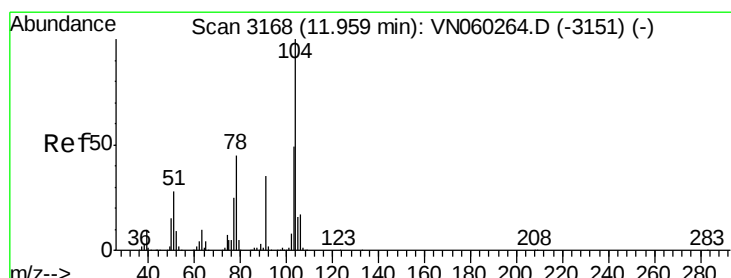
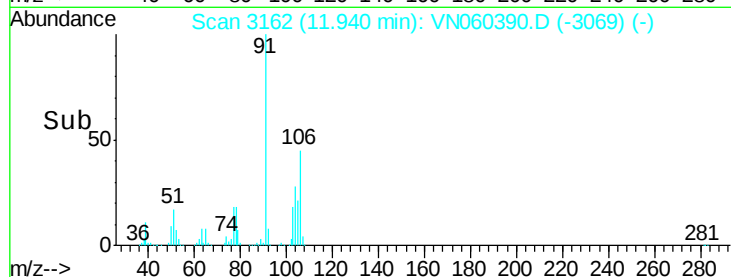
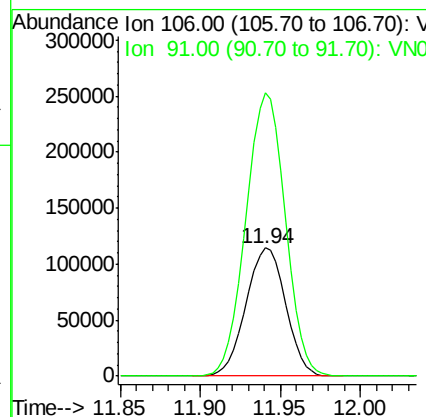
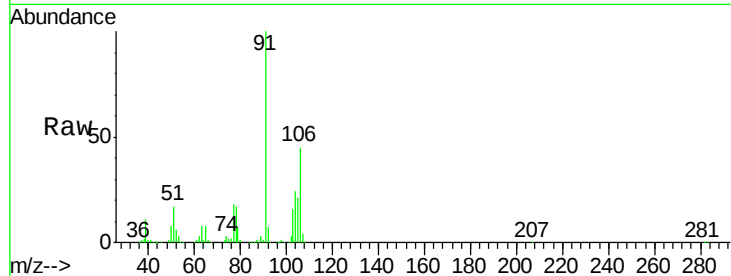
#69
o-Xylene
Concen: 46.43 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN060390.D
Acq: 9 Mar 2020 9:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
106	100		
91	218.4	109.5	328.4

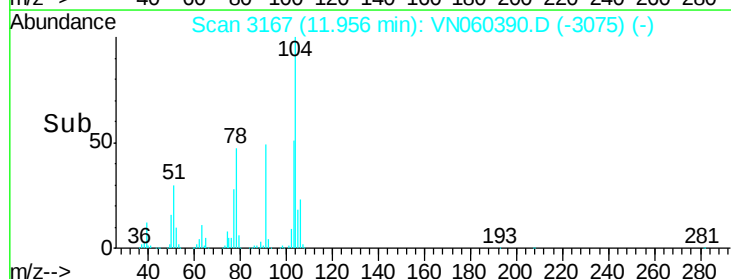
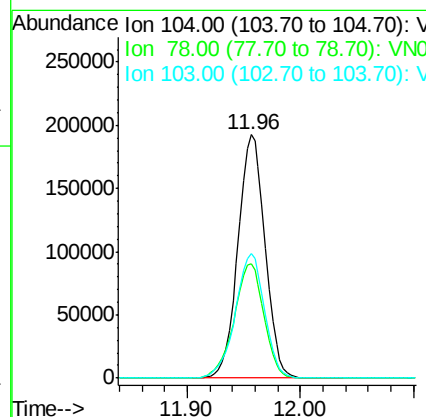
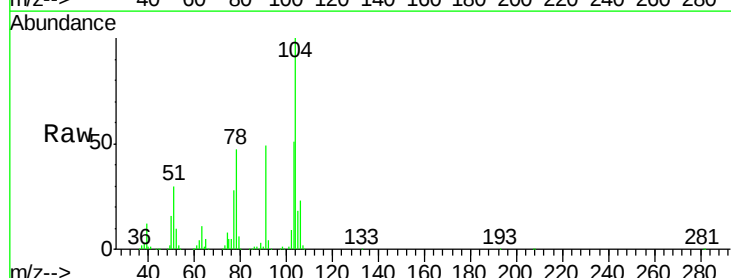
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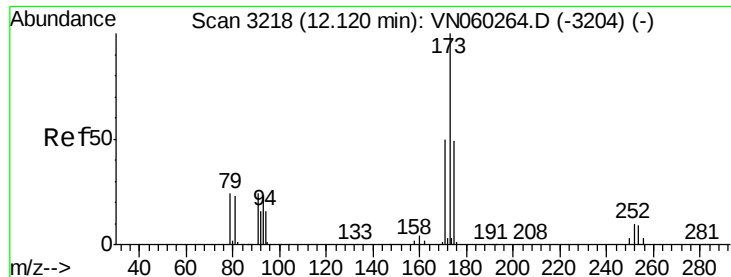
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#70
Styrene
Concen: 46.70 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. -0.00 min
Lab File: VN060390.D
Acq: 9 Mar 2020 9:32

Tgt Ion	Ratio	Lower	Upper
104	100		
78	51.8	41.2	61.8
103	55.1	43.9	65.9





#71

Bromoform

Concen: 49.76 ug/l

RT: 12.12 min Scan# 3218

Delta R.T. 0.00 min

Lab File: VN060390.D

Acq: 9 Mar 2020 9:32

Instrument :

MSVOA_N

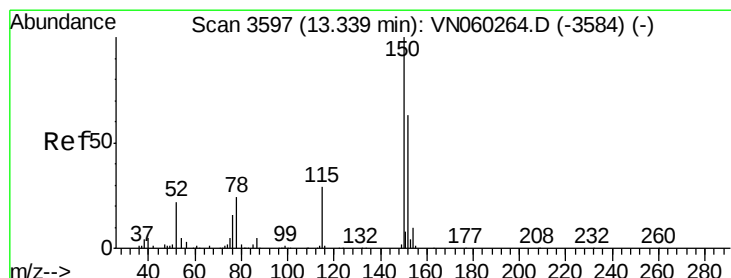
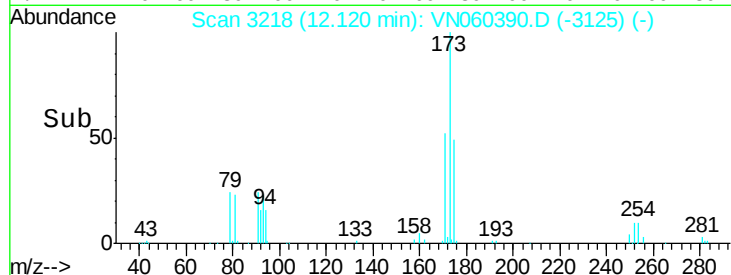
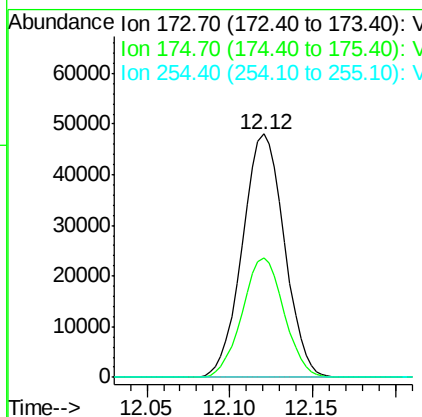
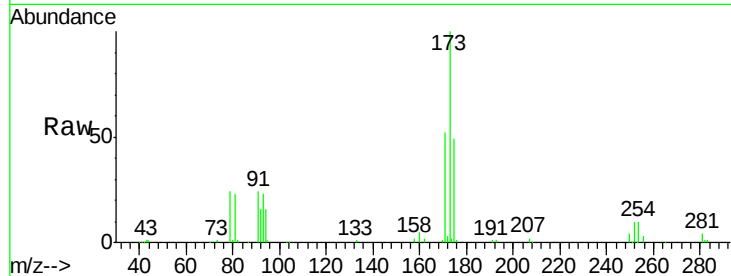
ClientSampleId :

VSTDCCC050

Tgt Ion:	173	Resp:	84566
Ion Ratio	Lower	Upper	
173	100		
175	48.6	24.1	72.2
254	0.0	0.0	0.0

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

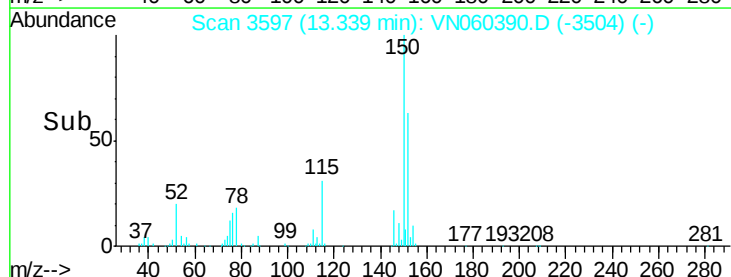
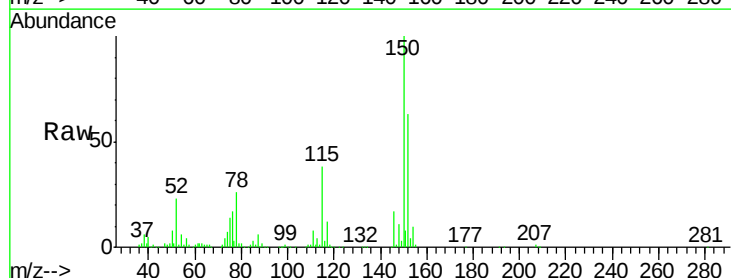
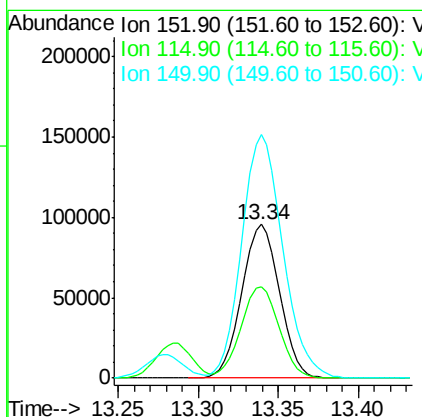
RT: 13.34 min Scan# 3597

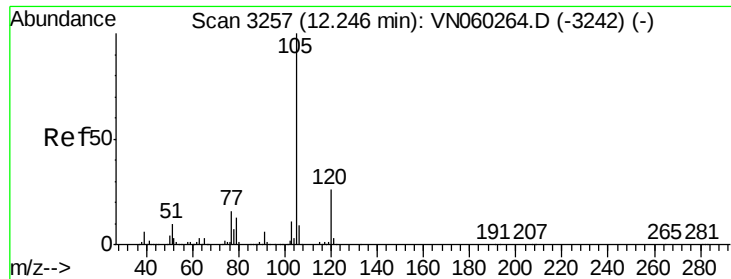
Delta R.T. 0.00 min

Lab File: VN060390.D

Acq: 9 Mar 2020 9:32

Tgt Ion:	152	Resp:	153810
Ion Ratio	Lower	Upper	
152	100		
115	59.8	30.0	90.0
150	172.5	0.0	349.6





#73

Isopropylbenzene

Concen: 46.05 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. -0.00 min

Lab File: VN060390.D

Acq: 9 Mar 2020 9:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 105 Resp: 525024

Ion Ratio Lower Upper

105 100

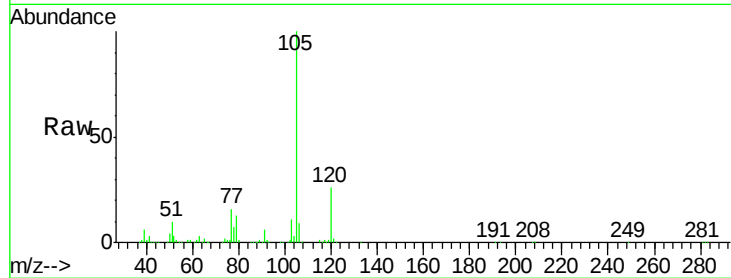
120 25.9 13.0 38.9

Manual Integrations

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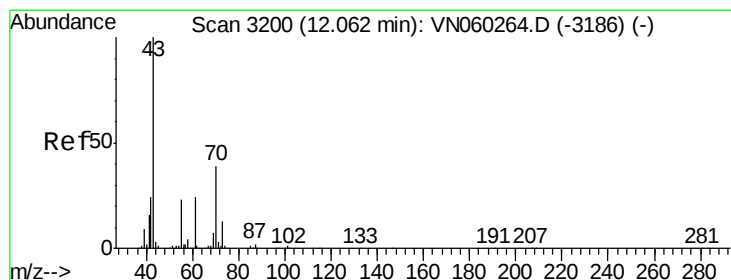
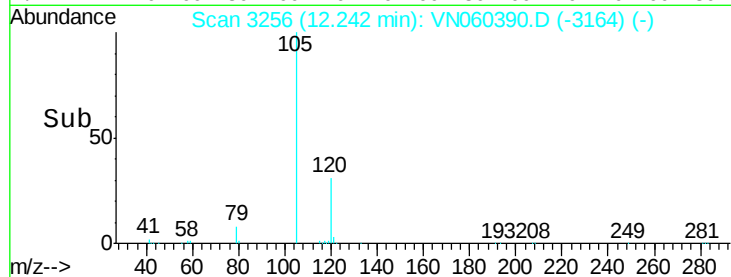
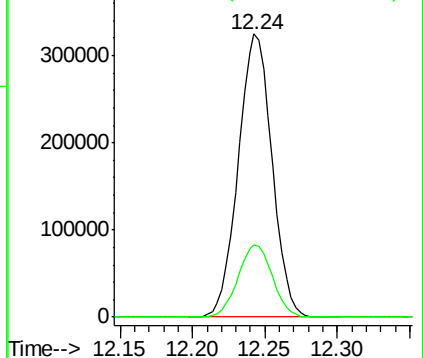
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 47.00 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. 0.00 min

Lab File: VN060390.D

Acq: 9 Mar 2020 9:32

Tgt Ion: 43 Resp: 234158

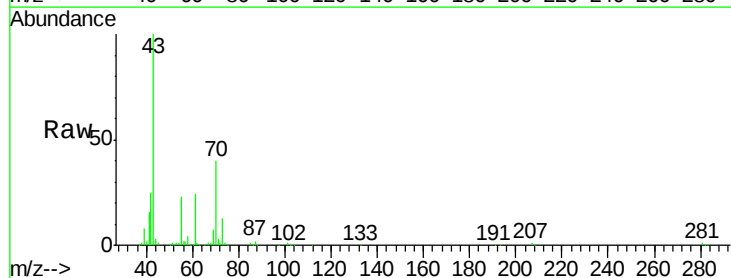
Ion Ratio Lower Upper

43 100

70 39.7 32.2 48.2

55 23.0 18.2 27.4

61 23.7 19.2 28.8

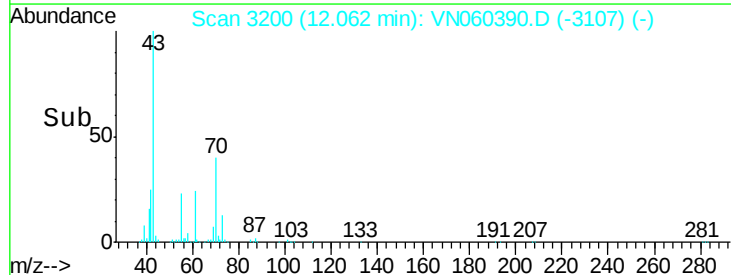
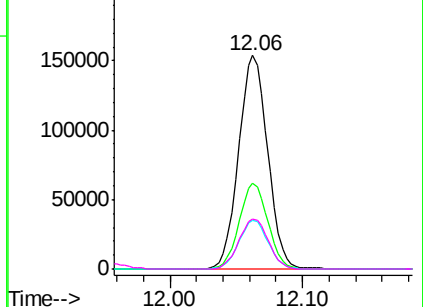


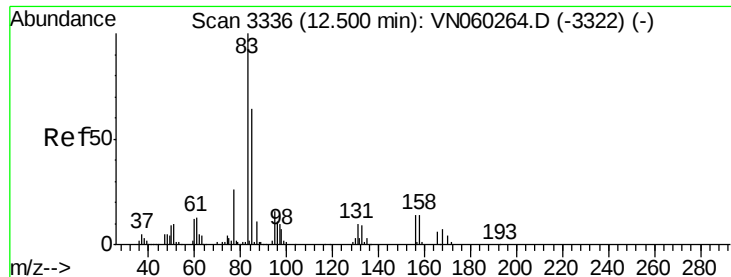
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 47.55 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN060390.D

Acq: 9 Mar 2020 9:32

Instrument :

MSVOA_N

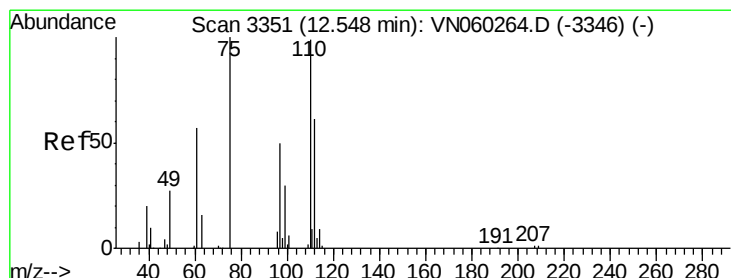
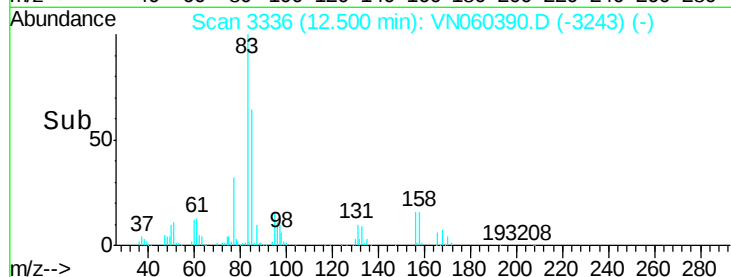
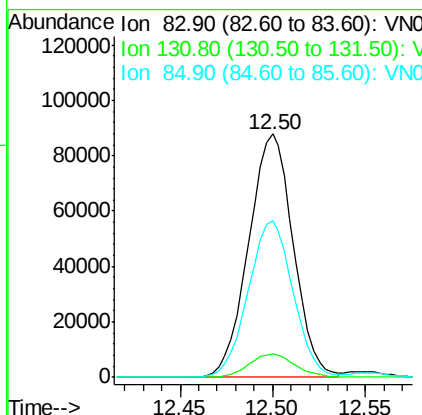
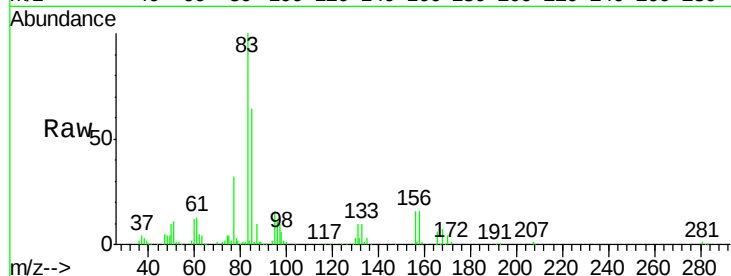
ClientSampleId :

VSTDCCC050

Tgt Ion:	83	Resp:	147357
Ion Ratio	Lower	Upper	
83	100		
131	9.9	5.1	15.3
85	64.7	32.3	96.8

Manual Integrations
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3/10/2020 10:45:55 AM



#76

1,2,3-Trichloropropane

Concen: 45.32 ug/l m

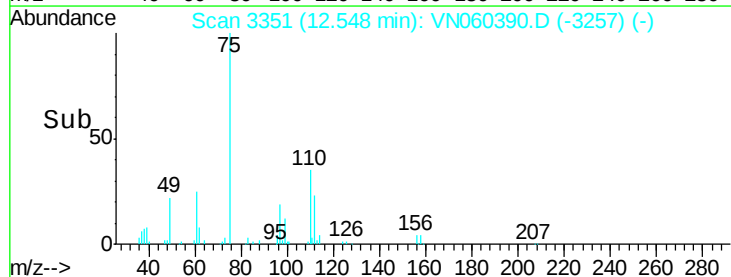
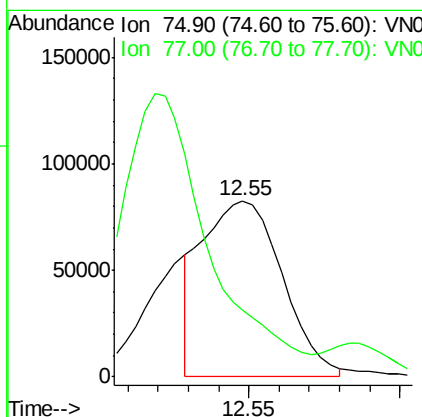
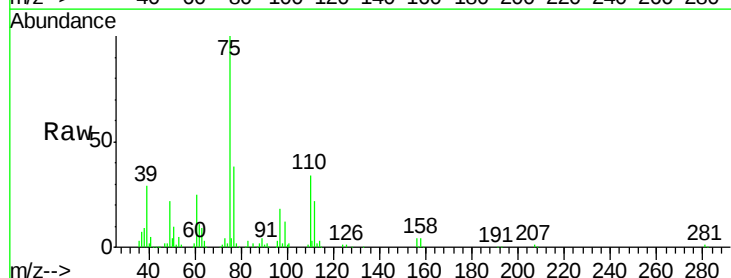
RT: 12.55 min Scan# 3351

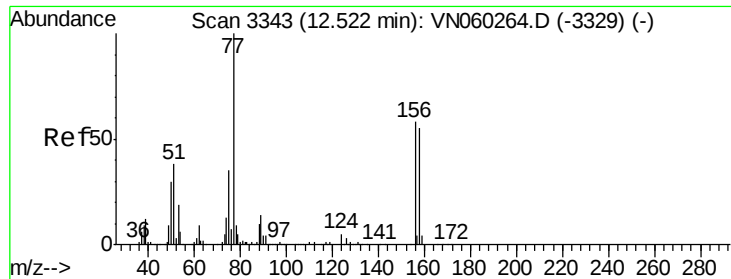
Delta R.T. 0.00 min

Lab File: VN060390.D

Acq: 9 Mar 2020 9:32

Tgt Ion:	75	Resp:	152950
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





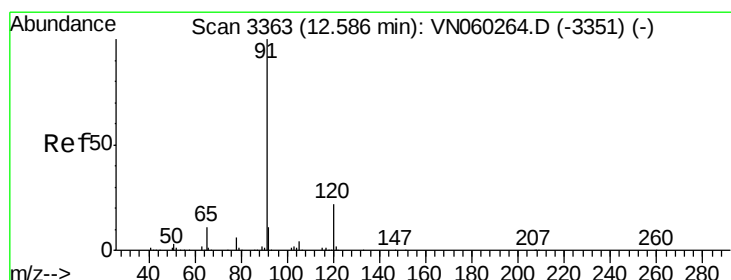
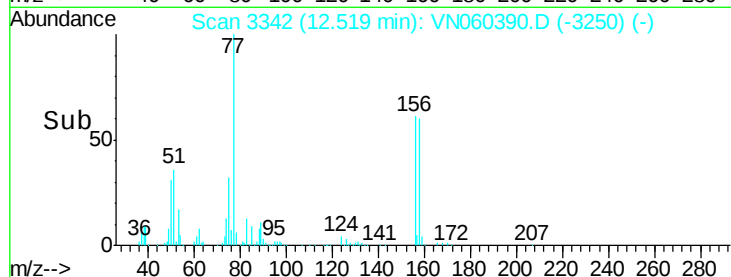
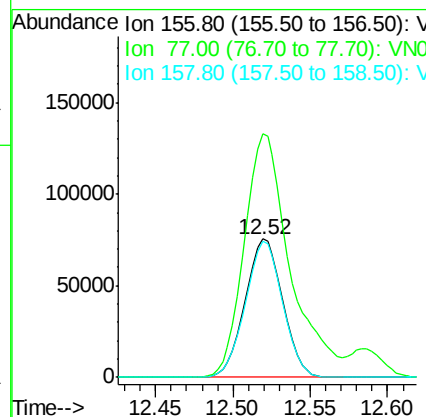
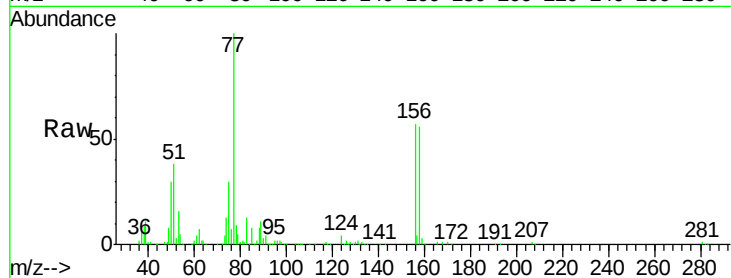
#77
Bromobenzene
Concen: 45.70 ug/l
RT: 12.52 min Scan# 3342
Delta R.T. -0.00 min
Lab File: VN060390.D
Acq: 9 Mar 2020 9:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
156	100		
77	214.7	106.1	318.3
158	97.5	48.3	144.8

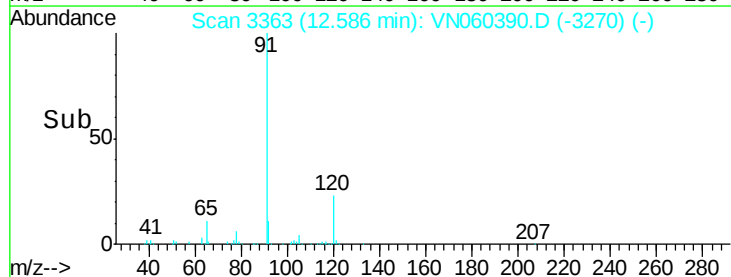
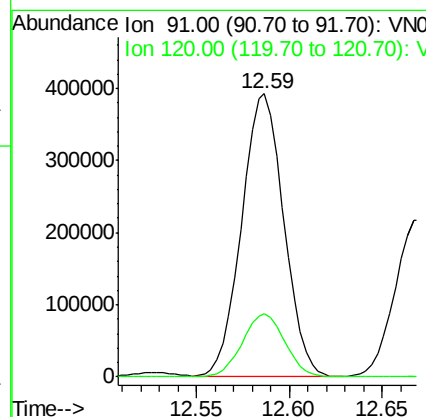
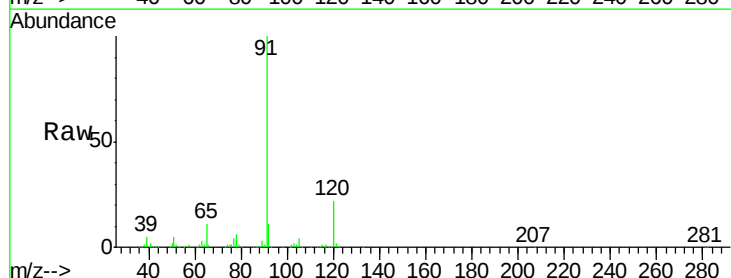
Manual Integrations
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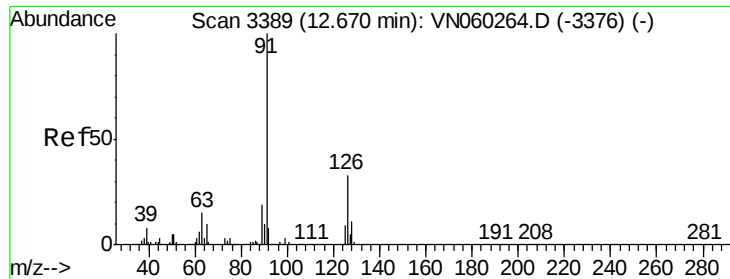
MMDadoda
3/10/2020 10:45:55 AM



#78
n-propylbenzene
Concen: 46.22 ug/l
RT: 12.59 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN060390.D
Acq: 9 Mar 2020 9:32

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.5	11.3	33.9





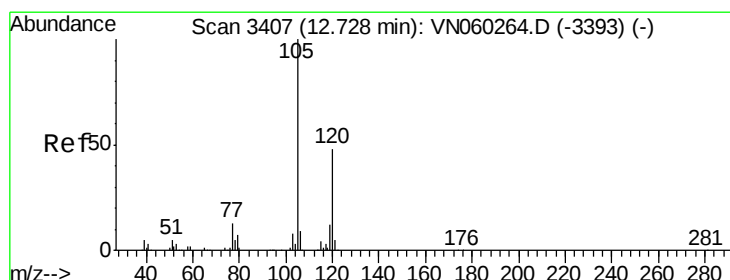
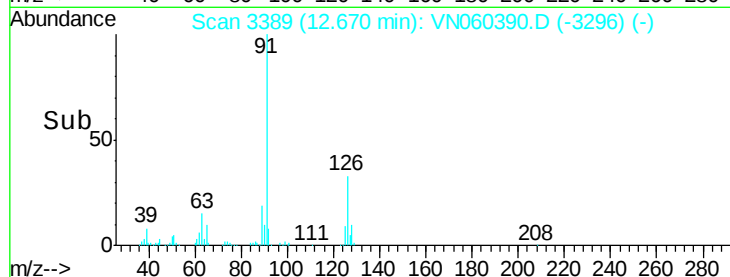
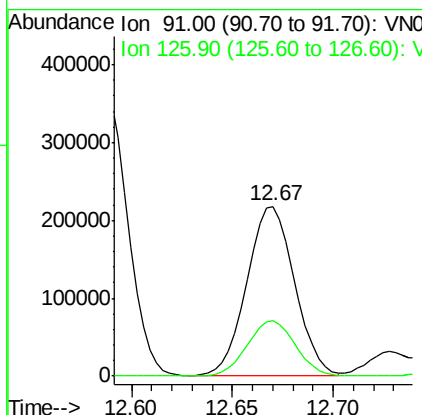
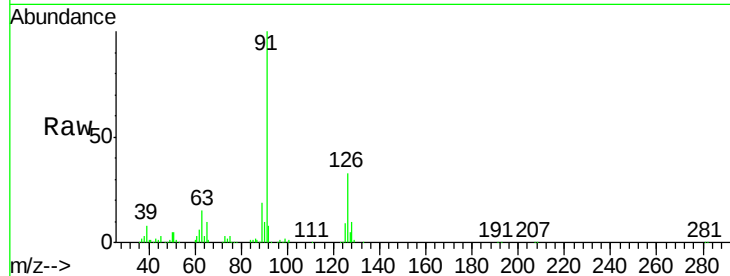
#79
2-Chlorotoluene
Concen: 46.07 ug/l
RT: 12.67 min Scan# 3389
Delta R.T. 0.00 min
Lab File: VN060390.D
Acq: 9 Mar 2020 9:32

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tgt Ion: 91 Resp: 361919
Ion Ratio Lower Upper
91 100
126 33.0 16.6 49.8

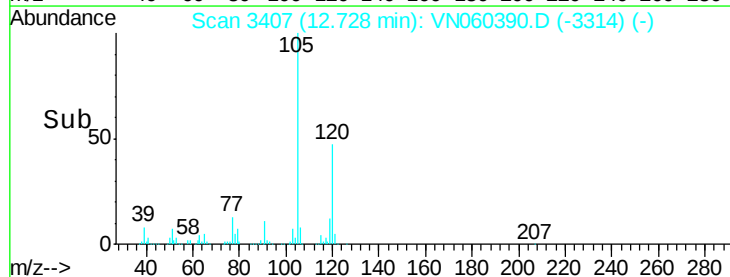
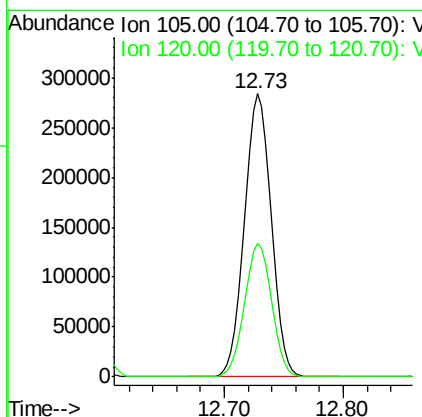
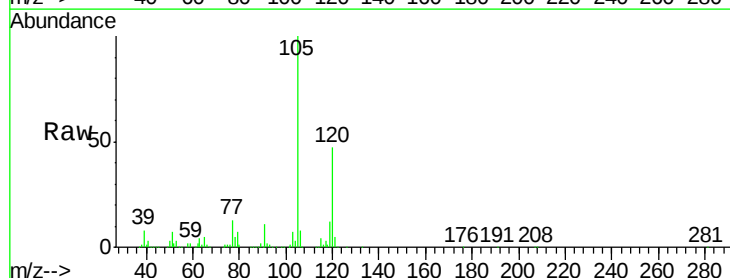
Manual Integrations
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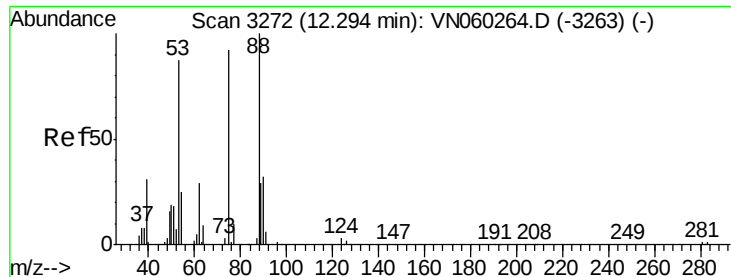
MMDadoda
3/10/2020 10:45:55 AM



#80
1,3,5-Trimethylbenzene
Concen: 46.23 ug/l
RT: 12.73 min Scan# 3407
Delta R.T. 0.00 min
Lab File: VN060390.D
Acq: 9 Mar 2020 9:32

Tgt Ion: 105 Resp: 443717
Ion Ratio Lower Upper
105 100
120 47.5 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 49.37 ug/l

RT: 12.29 min Scan# 3272

Delta R.T. 0.00 min

Lab File: VN060390.D

Acq: 9 Mar 2020 9:32

Instrument :

MSVOA_N

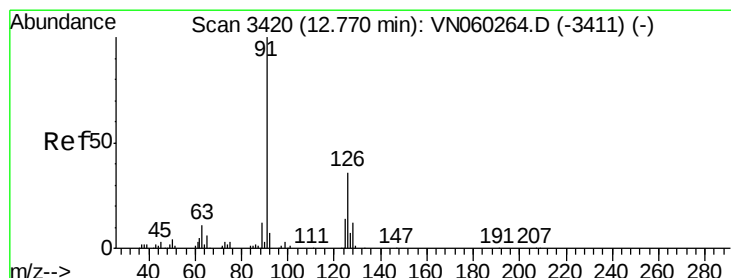
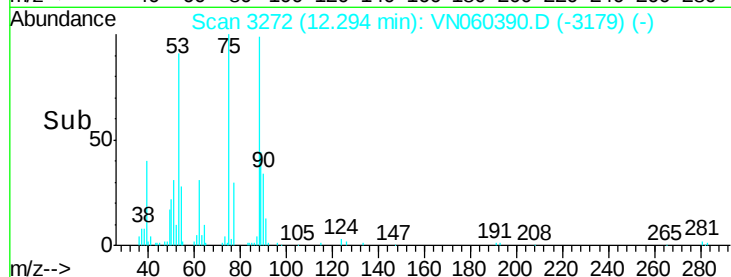
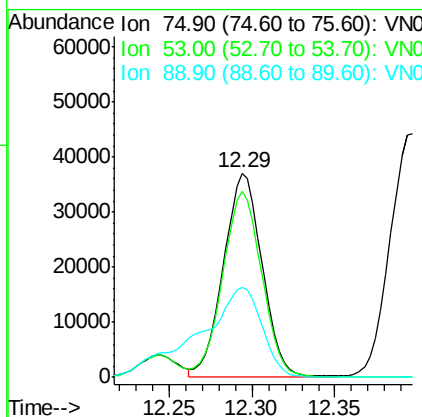
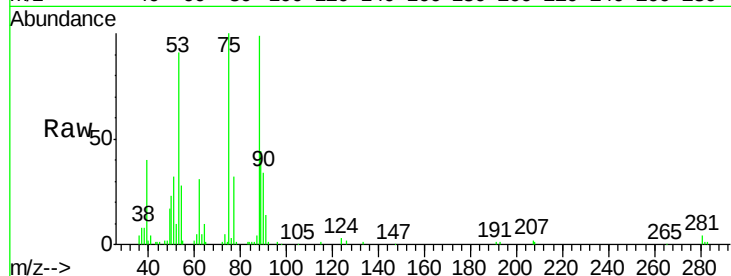
ClientSampleId :

VSTDCCC050

Tgt Ion:	75	Resp:	60356
Ion Ratio	Lower	Upper	
75	100		
53	91.8	73.8	110.6
89	72.6	57.1	85.7

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#82

4-Chlorotoluene

Concen: 45.59 ug/l

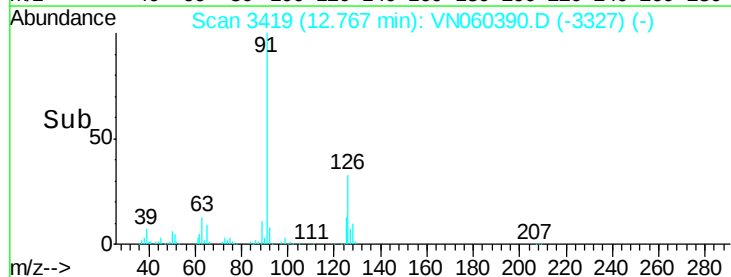
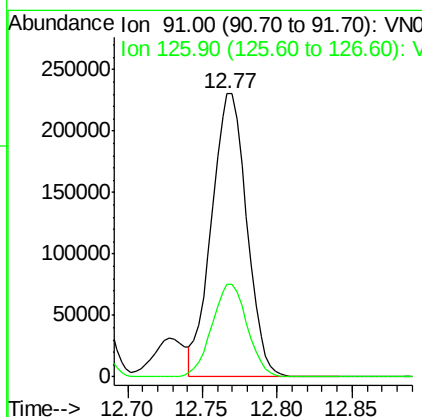
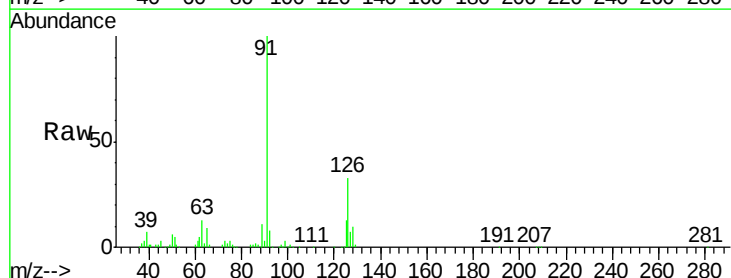
RT: 12.77 min Scan# 3419

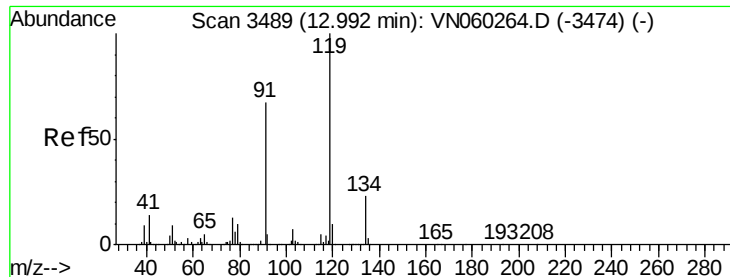
Delta R.T. -0.00 min

Lab File: VN060390.D

Acq: 9 Mar 2020 9:32

Tgt Ion:	91	Resp:	377270
Ion Ratio	Lower	Upper	
91	100		
126	32.9	16.7	50.1





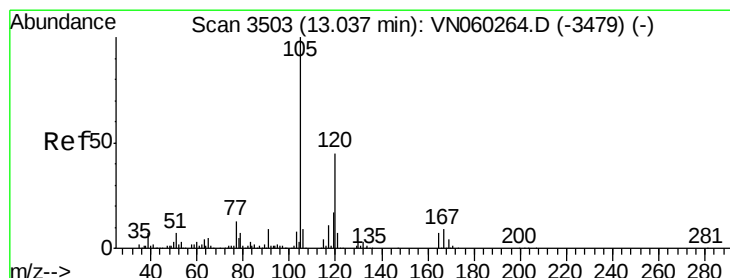
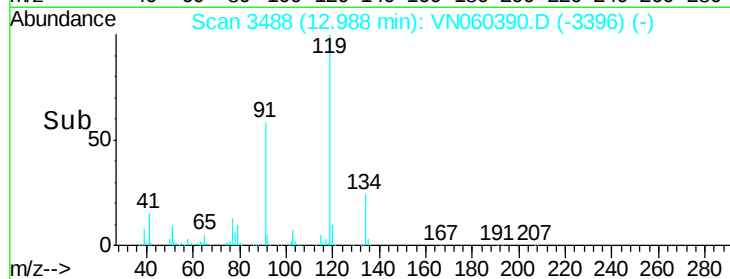
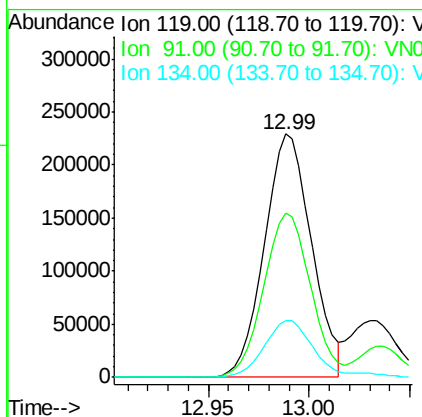
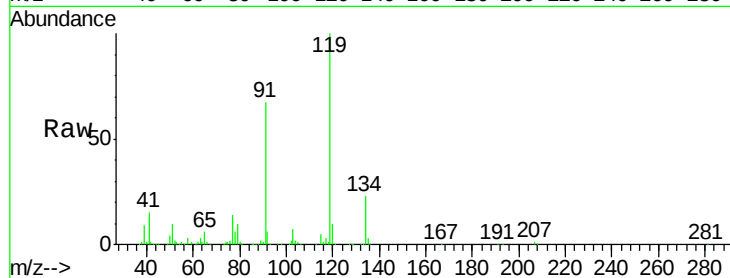
#83
tert-Butylbenzene
Concen: 44.72 ug/l
RT: 12.99 min Scan# 3488
Delta R.T. -0.00 min
Lab File: VN060390.D
Acq: 9 Mar 2020 9:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
119	100		
91	67.2	33.1	99.2
134	25.0	12.4	37.0

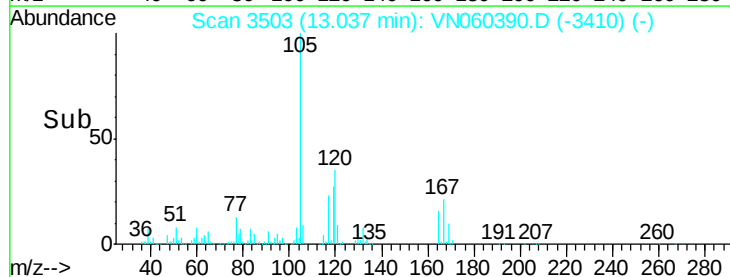
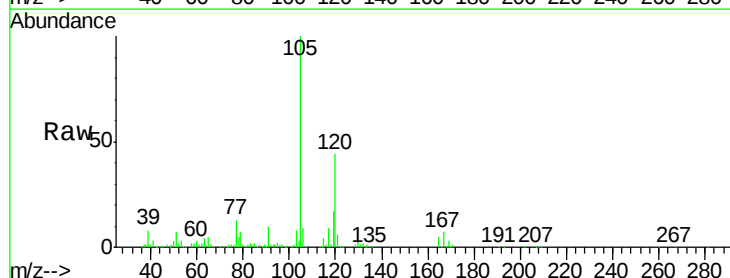
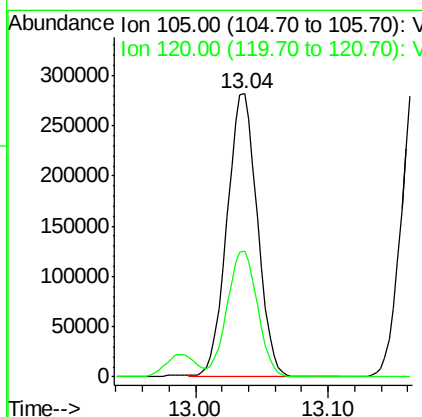
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#84
1,2,4-Trimethylbenzene
Concen: 46.17 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. 0.00 min
Lab File: VN060390.D
Acq: 9 Mar 2020 9:32

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.5	22.3	66.9





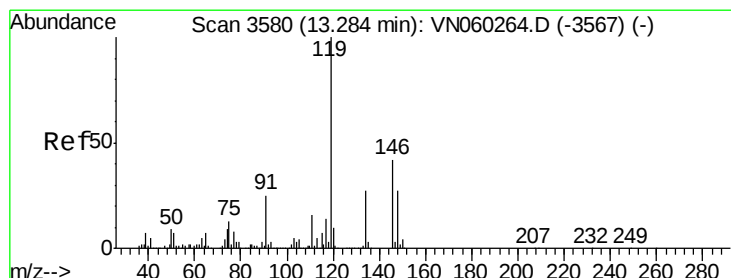
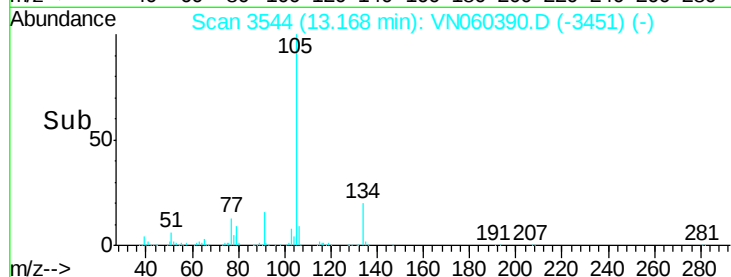
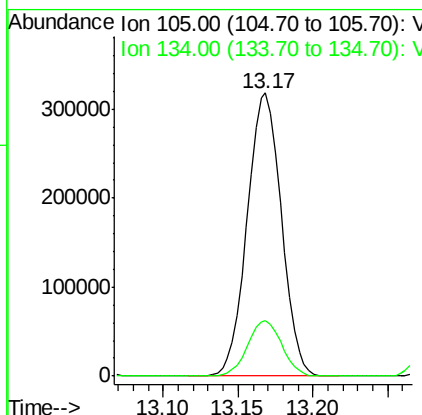
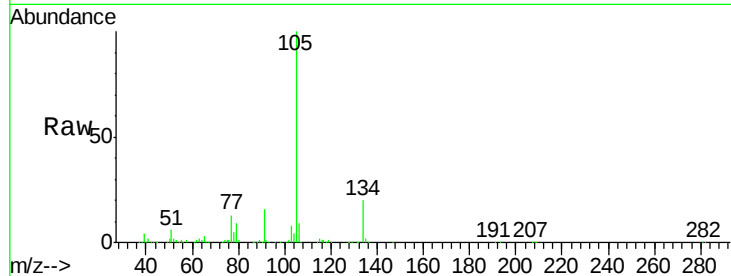
#85
 sec-Butylbenzene
 Concen: 45.51 ug/l
 RT: 13.17 min Scan# 3544
 Delta R.T. 0.00 min
 Lab File: VN060390.D
 Acq: 9 Mar 2020 9:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	506455		
134	19.6	9.8	29.5	

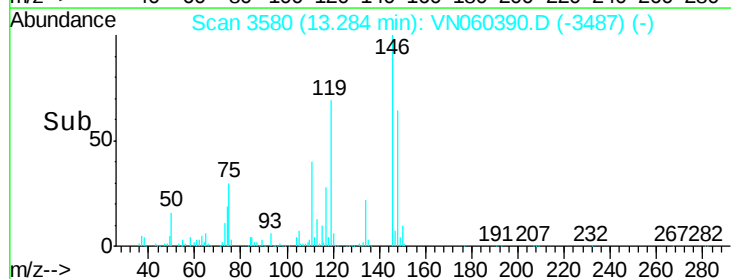
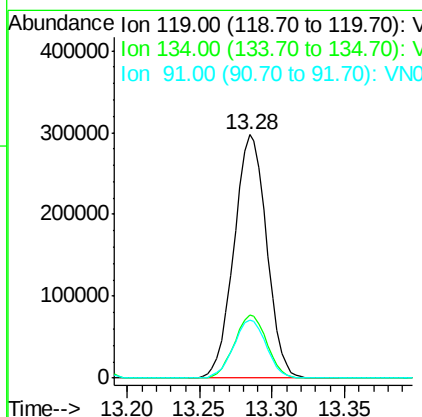
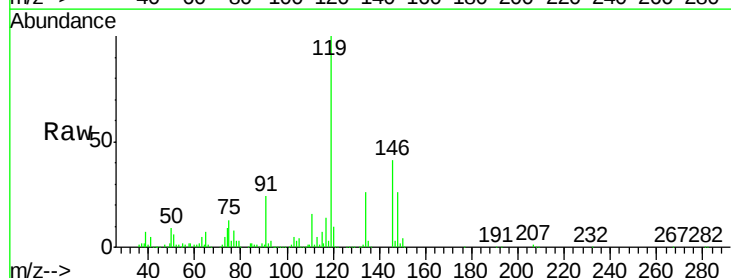
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#86
 p-Isopropyltoluene
 Concen: 44.82 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN060390.D
 Acq: 9 Mar 2020 9:32

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	461607		
134	25.9	13.2	39.6	
91	24.0	12.2	36.6	





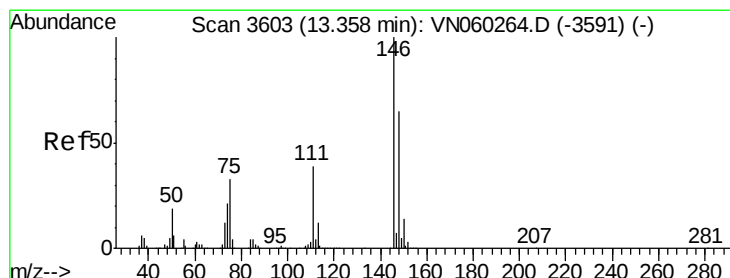
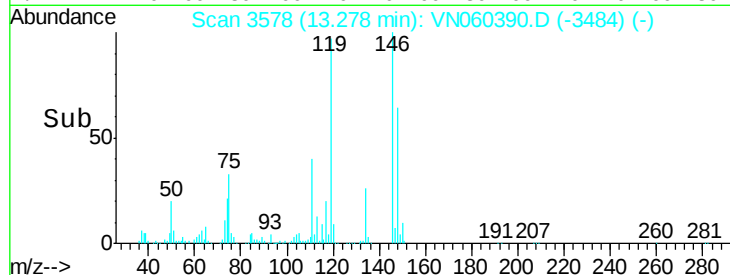
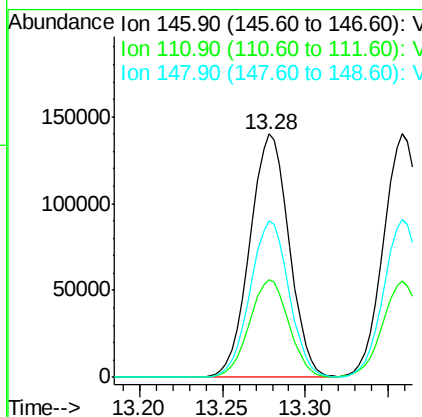
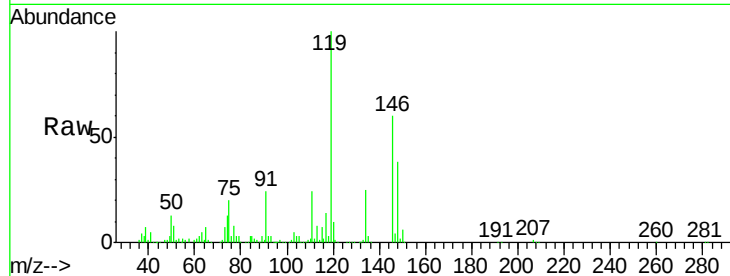
#87
 1,3-Dichlorobenzene
 Concen: 48.23 ug/l
 RT: 13.28 min Scan# 3578
 Delta R.T. 0.00 min
 Lab File: VN060390.D
 Acq: 9 Mar 2020 9:32

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	231636		
111	40.2	20.0	59.9	
148	63.7	32.1	96.3	

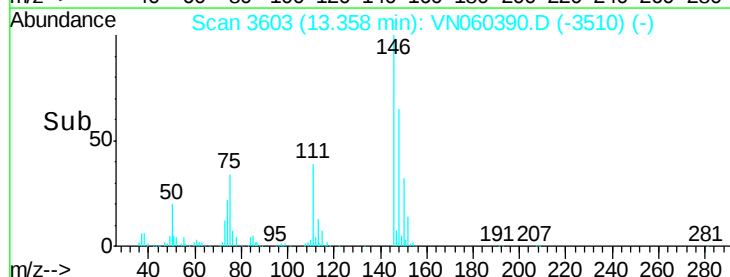
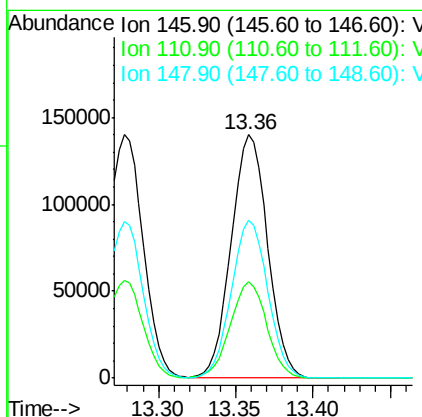
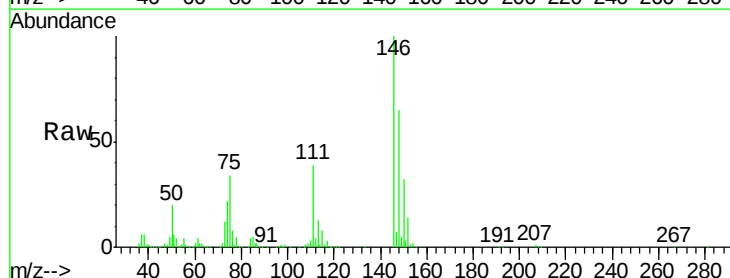
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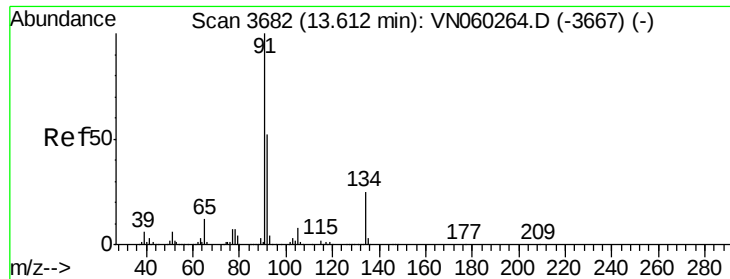
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#88
 1,4-Dichlorobenzene
 Concen: 48.07 ug/l
 RT: 13.36 min Scan# 3603
 Delta R.T. 0.00 min
 Lab File: VN060390.D
 Acq: 9 Mar 2020 9:32

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	229570		
111	39.3	19.8	59.4	
148	64.7	32.3	96.9	





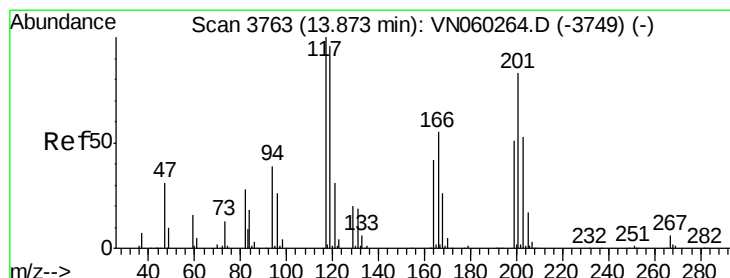
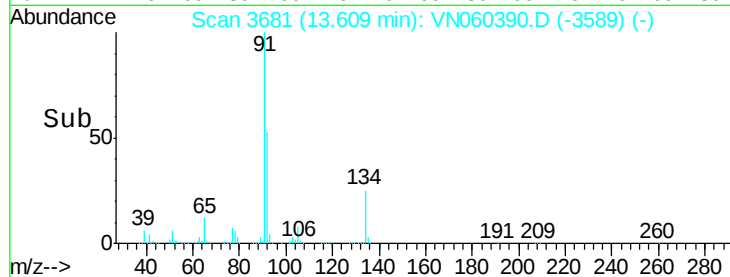
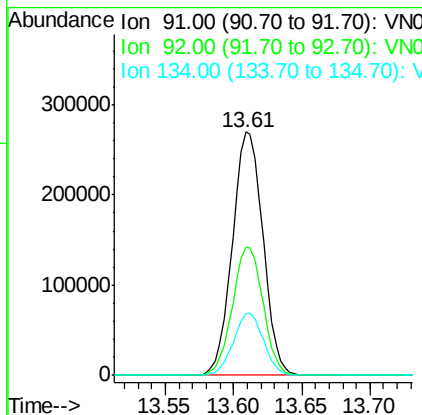
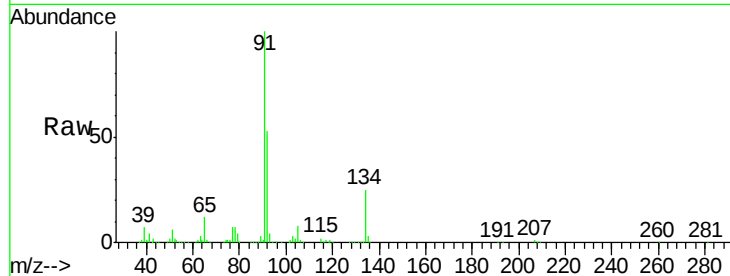
#89
n-Butylbenzene
Concen: 44.41 ug/l
RT: 13.61 min Scan# 3681
Delta R.T. -0.00 min
Lab File: VN060390.D
Acq: 9 Mar 2020 9:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 419935
Ion Ratio Lower Upper
91 100
92 52.7 26.0 78.0
134 25.2 12.7 38.1

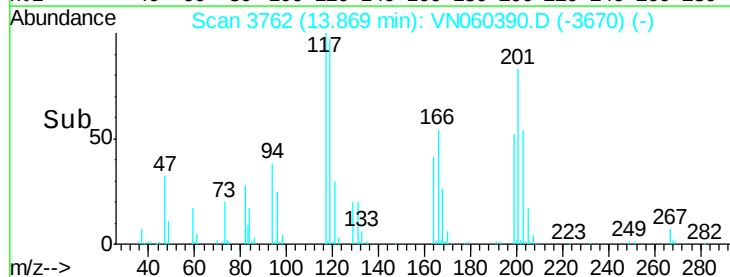
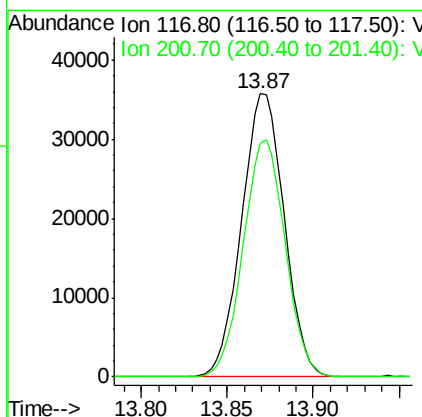
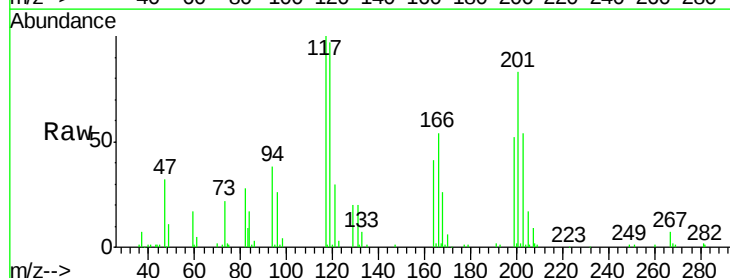
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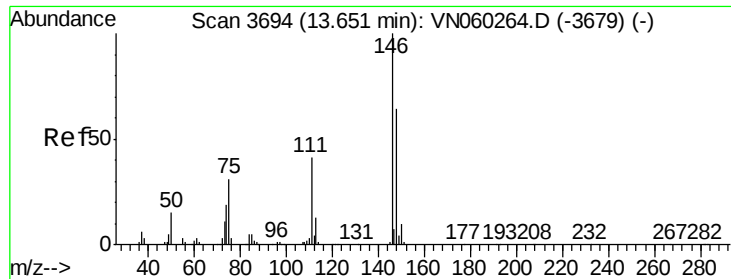
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#90
Hexachloroethane
Concen: 41.17 ug/l
RT: 13.87 min Scan# 3762
Delta R.T. -0.00 min
Lab File: VN060390.D
Acq: 9 Mar 2020 9:32

Tgt Ion: 117 Resp: 61386
Ion Ratio Lower Upper
117 100
201 82.5 41.0 123.0





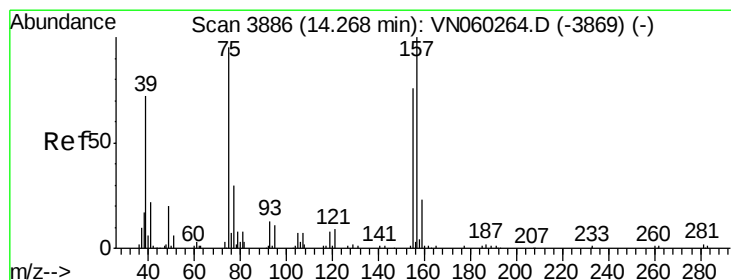
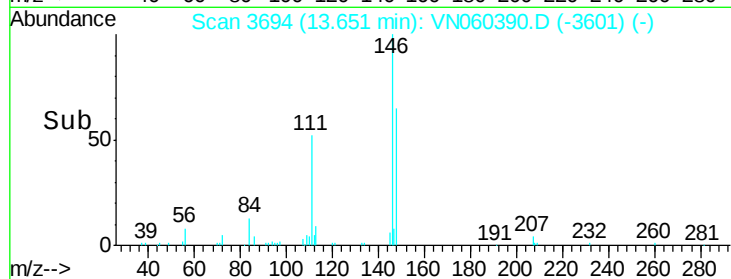
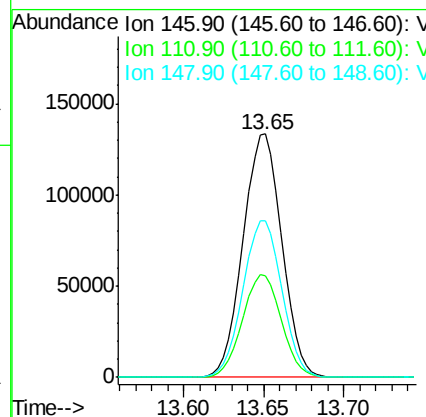
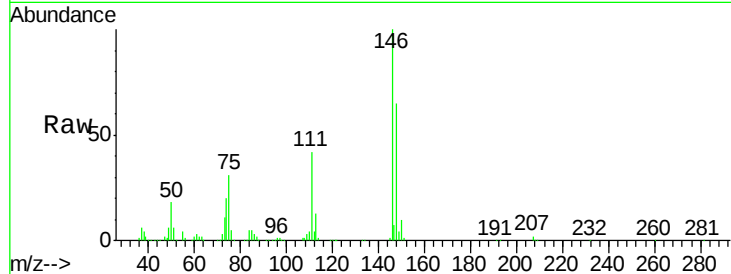
#91
 1,2-Dichlorobenzene
 Concen: 45.25 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN060390.D
 Acq: 9 Mar 2020 9:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	221572		
111	42.1	20.3	61.0	
148	64.6	31.8	95.3	

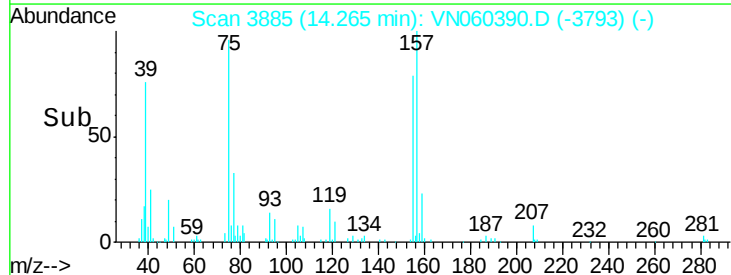
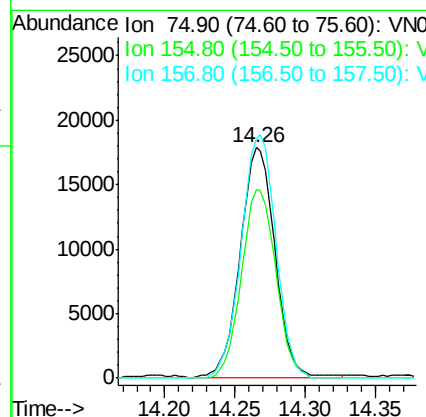
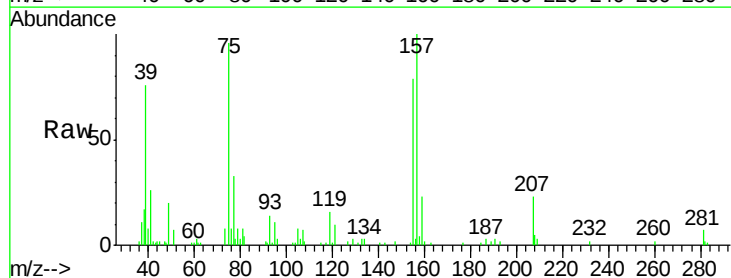
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 3/10/2020 10:45:55 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.39 ug/l
 RT: 14.26 min Scan# 3885
 Delta R.T. -0.00 min
 Lab File: VN060390.D
 Acq: 9 Mar 2020 9:32

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	31150		
155	80.2	40.4	121.2	
157	104.3	52.5	157.5	





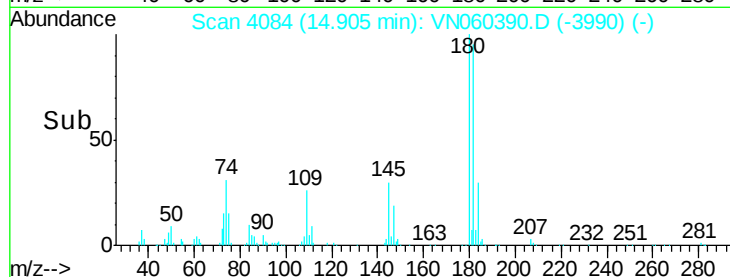
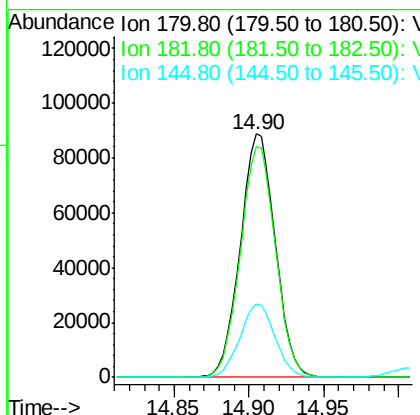
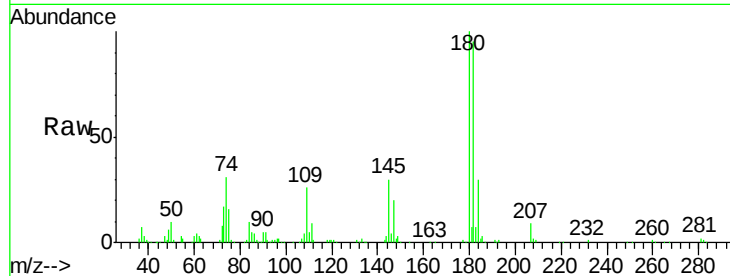
#93
 1,2,4-Trichlorobenzene
 Concen: 46.35 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. 0.00 min
 Lab File: VN060390.D
 Acq: 9 Mar 2020 9:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	144206		
182	95.5	47.8	143.3	
145	30.4	15.4	46.1	

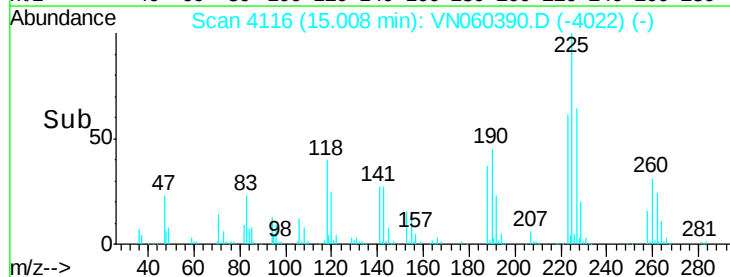
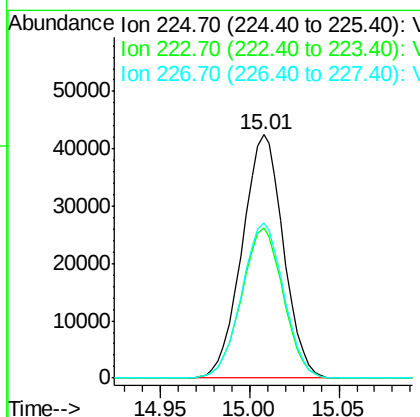
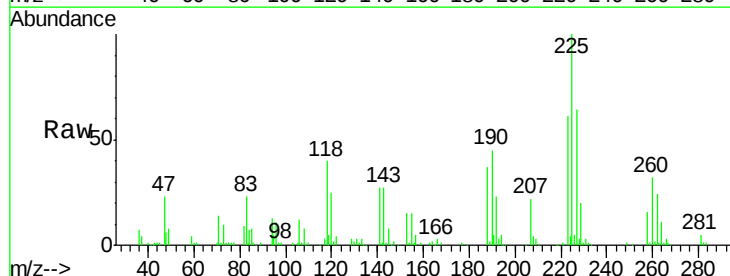
Manual Integrations
 APPROVED

MMDadoda
 3/10/2020 10:45:55 AM



#94
 Hexachlorobutadiene
 Concen: 47.94 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN060390.D
 Acq: 9 Mar 2020 9:32

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	68595		
223	62.5	31.3	93.9	
227	65.0	32.3	96.9	





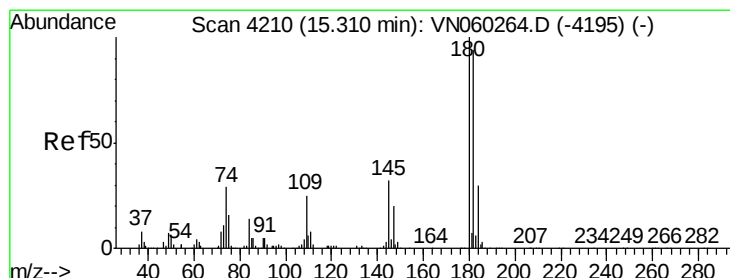
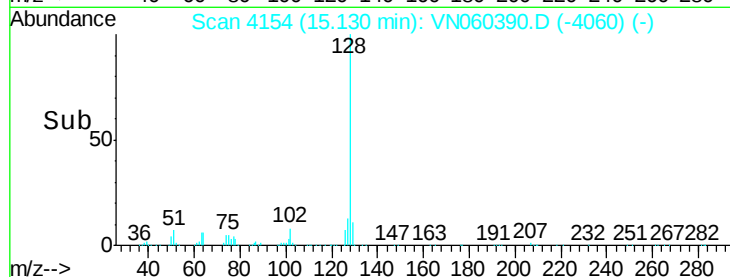
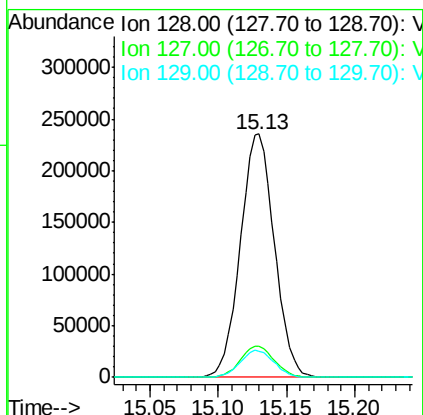
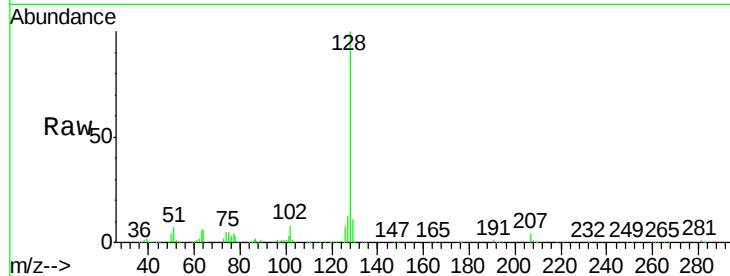
#95
Naphthalene
Concen: 44.37 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN060390.D
Acq: 9 Mar 2020 9:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	11.0	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
3/10/2020 10:45:55 AM



#96
1,2,3-Trichlorobenzene
Concen: 45.48 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. 0.00 min
Lab File: VN060390.D
Acq: 9 Mar 2020 9:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.3	142.0
145	32.9	16.2	48.5

