

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061019\
 Data File : VN056181.D
 Acq On : 10 Jun 2019 19:59
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/11/2019 11:59:54 AM

Quant Time: Jun 11 04:31:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	281333	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	409519	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	368025	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	165908	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	142017	50.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.68%	
35) Dibromofluoromethane	7.59	113	128959	51.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.66%	
50) Toluene-d8	10.09	98	475898	49.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.44%	
62) 4-Bromofluorobenzene	12.40	95	162650	49.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	145997	47.257	ug/l	100
3) Chloromethane	2.06	50	150953	49.498	ug/l	99
4) Vinyl Chloride	2.18	62	153531	50.188	ug/l	99
5) Bromomethane	2.53	94	94787	49.051	ug/l	97
6) Chloroethane	2.68	64	86887	48.988	ug/l	100
7) Trichlorofluoromethane	3.00	101	195256	49.998	ug/l	99
8) Diethyl Ether	3.40	74	76956	47.918	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.74	101	120869	50.951	ug/l	99
10) Methyl Iodide	3.94	142	176326	46.772	ug/l	99
11) Tert butyl alcohol	4.81	59	119062	244.927	ug/l	99
12) 1,1-Dichloroethene	3.72	96	120171	50.882	ug/l	96
13) Acrolein	3.60	56	42003	299.597	ug/l	100
14) Allyl chloride	4.31	41	192325	51.571	ug/l	99
15) Acrylonitrile	4.99	53	345699	292.140	ug/l	100
16) Acetone	3.82	43	294230	220.233	ug/l	100
17) Carbon Disulfide	4.04	76	269565	47.670	ug/l	99
18) Methyl Acetate	4.33	43	157729	60.222	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	392621	52.154	ug/l	99
20) Methylene Chloride	4.54	84	142018	51.597	ug/l	96
21) trans-1,2-Dichloroethene	5.03	96	126462	49.975	ug/l	97
22) Diisopropyl ether	5.96	45	404529	52.474	ug/l	99
23) Vinyl Acetate	5.90	43	1663951	274.086	ug/l	100
24) 1,1-Dichloroethane	5.84	63	234245	52.676	ug/l	100
25) 2-Butanone	6.84	43	456412	270.388	ug/l	99
26) 2,2-Dichloropropane	6.82	77	153735	44.304	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	152591	51.299	ug/l	98
28) Bromochloromethane	7.19	49	111732	53.131	ug/l	98
29) Tetrahydrofuran	7.22	42	297966	285.569	ug/l	99
30) Chloroform	7.37	83	239808	53.607	ug/l	100
31) Cyclohexane	7.65	56	205970	46.468	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	197728	52.931	ug/l	99
36) 1,1-Dichloropropene	7.79	75	172331	48.940	ug/l	100
37) Ethyl Acetate	6.93	43	179248	57.211	ug/l	100
38) Carbon Tetrachloride	7.77	117	169351	52.165	ug/l	98

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	203678	46.433	ug/l	99
40) Benzene	8.04	78	547912	51.231	ug/l	100
41) Methacrylonitrile	7.17	41	76245	52.892	ug/l	88
42) 1,2-Dichloroethane	8.12	62	174857	50.828	ug/l	100
43) Isopropyl Acetate	8.17	43	275845	54.331	ug/l #	93
44) Trichloroethene	8.83	130	154911	50.407	ug/l	99
45) 1,2-Dichloropropane	9.12	63	144814	52.863	ug/l	99
46) Dibromomethane	9.21	93	96264	53.737	ug/l	99
47) Bromodichloromethane	9.40	83	180469	55.585	ug/l	100
48) Methyl methacrylate	9.20	41	137553	55.379	ug/l	96
49) 1,4-Dioxane	9.21	88	58232	1085.942	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	898080	282.864	ug/l	100
52) Toluene	10.16	92	342654	51.488	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	179538	47.302	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	211093	54.090	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	138290	52.459	ug/l	98
56) Ethyl methacrylate	10.43	69	207649	53.992	ug/l	99
57) 1,3-Dichloropropane	10.71	76	229604	53.577	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	365509	240.316	ug/l	99
59) 2-Hexanone	10.75	43	625718	271.917	ug/l	99
60) Dibromochloromethane	10.90	129	151644	52.051	ug/l	100
61) 1,2-Dibromoethane	11.01	107	147429	54.705	ug/l	98
64) Tetrachloroethene	10.63	164	154928	48.633	ug/l	100
65) Chlorobenzene	11.43	112	369689	50.473	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	138296	54.683	ug/l	98
67) Ethyl Benzene	11.51	91	640810	50.315	ug/l	99
68) m/p-Xylenes	11.62	106	492106	101.146	ug/l	99
69) o-Xylene	11.95	106	240390	50.230	ug/l	100
70) Styrene	11.96	104	406973	53.521	ug/l	99
71) Bromoform	12.13	173	109805	51.621	ug/l #	100
73) Isopropylbenzene	12.25	105	629996	53.439	ug/l	99
74) N-amyl acetate	12.07	43	226413	51.195	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	197159	51.191	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	160732m	52.651	ug/l	
77) Bromobenzene	12.53	156	173263	48.778	ug/l	96
78) n-propylbenzene	12.59	91	675489	48.126	ug/l	99
79) 2-Chlorotoluene	12.67	91	413291	53.237	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	519345	46.557	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	47296	51.594	ug/l	89
82) 4-Chlorotoluene	12.77	91	400231	48.740	ug/l	100
83) tert-Butylbenzene	12.99	119	458299	53.122	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	514816	48.667	ug/l	100
85) sec-Butylbenzene	13.17	105	591518	47.588	ug/l	100
86) p-Isopropyltoluene	13.29	119	533021	47.915	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	275962	50.197	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	263249	49.779	ug/l	100
89) n-Butylbenzene	13.61	91	396310	48.092	ug/l	99
90) Hexachloroethane	13.87	117	87431	52.115	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	275037	49.553	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	32512	59.019	ug/l	98

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Manual Integrations
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Quant Title : SW846 8260
QLast Update : Tue Jun 04 11:02:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	132861	43.999	ug/l	99
94) Hexachlorobutadiene	15.01	225	100309	52.810	ug/l	99
95) Naphthalene	15.13	128	365447	46.357	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	148969	47.925	ug/l	99

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

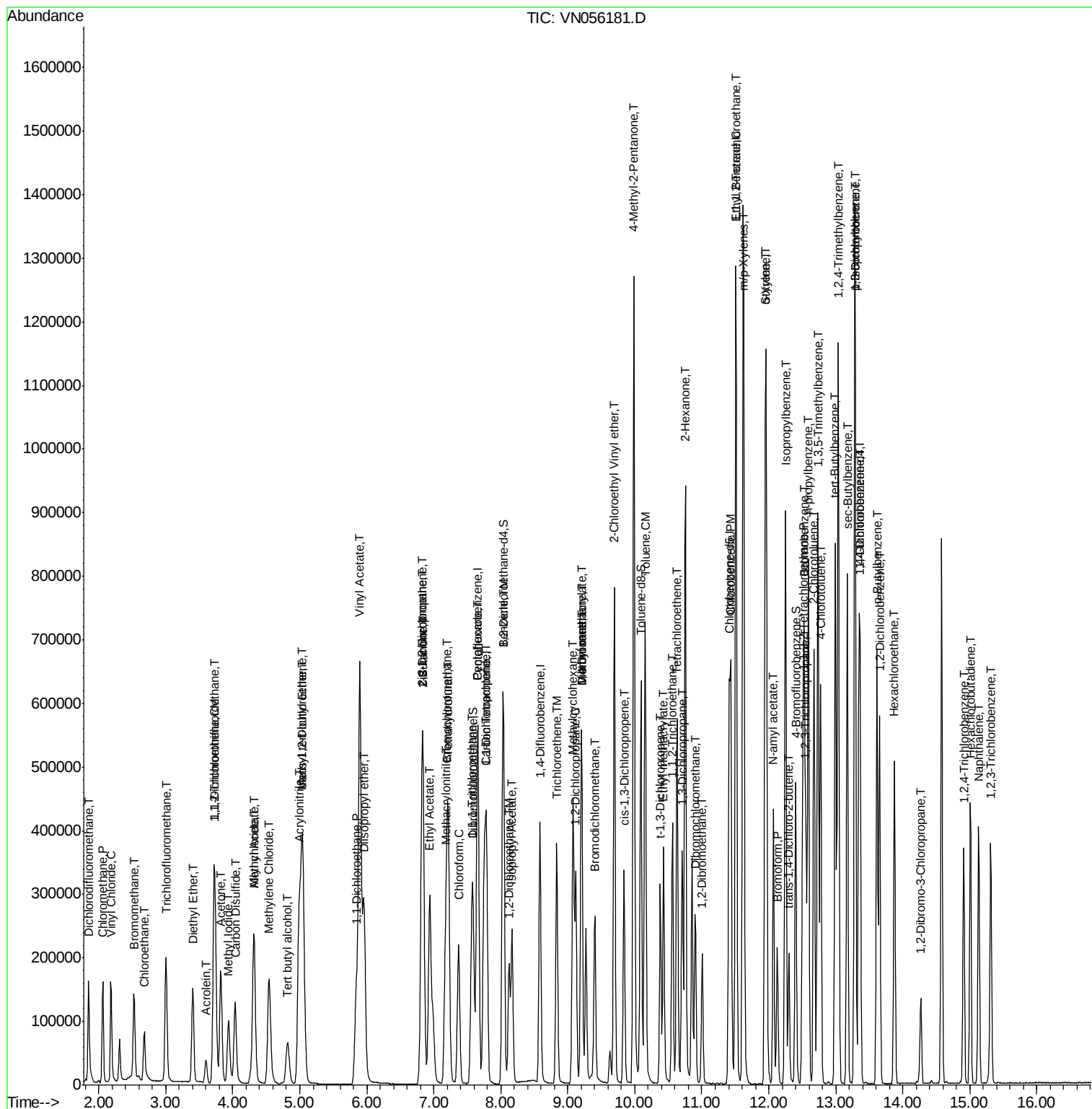
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 Acd On : 10 Jun 2019 19:59
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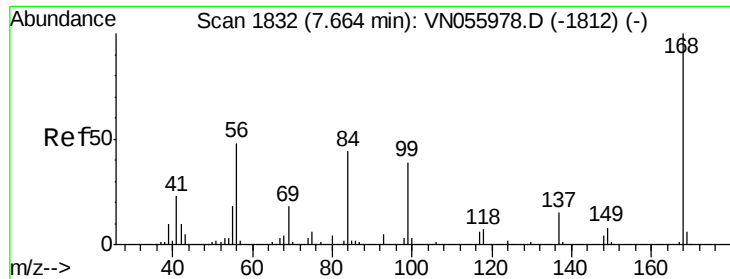
Instrument :
 MSVOA_N
 Client Sample Id :
 VSTDCCC050EC

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN056181.D

Acq: 10 Jun 2019 19:59

Tot Ion: 168 Resp: 281333

Ion Ratio Lower Upper

168 100

99 44.9 37.2 55.8

Instrument :

MSVOA_N

ClientSampleId :

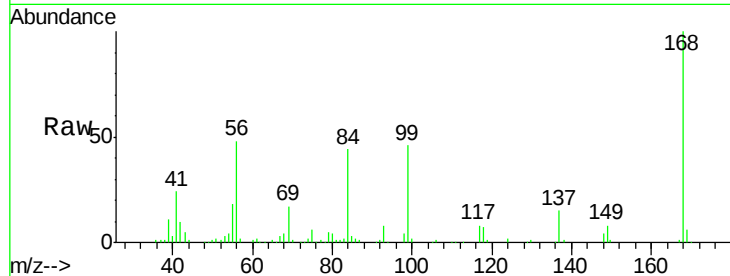
VSTDCCC050EC

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

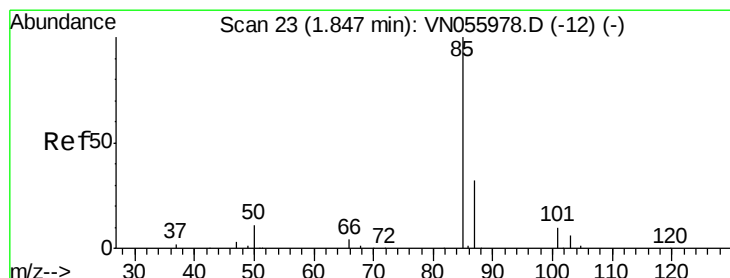
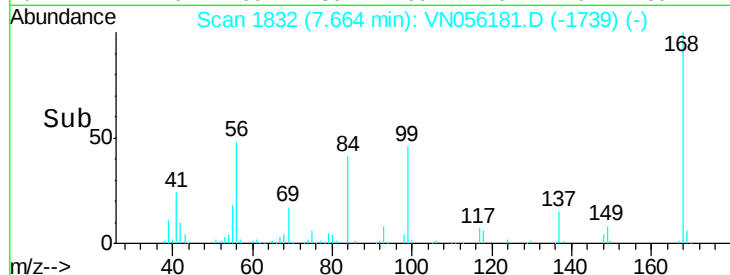
7.66

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 47.257 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN056181.D

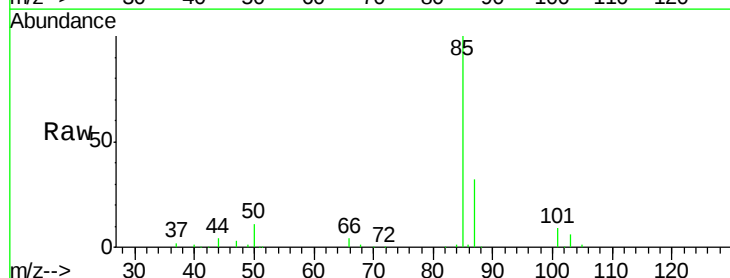
Acq: 10 Jun 2019 19:59

Tgt Ion: 85 Resp: 145997

Ion Ratio Lower Upper

85 100

87 31.9 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

100000

80000

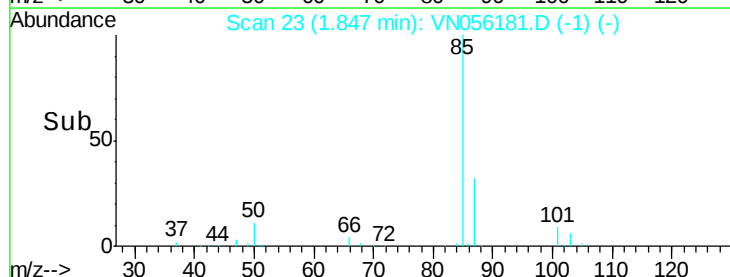
60000

40000

20000

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Time-->





#3

Chloromethane

Concen: 49.498 ug/l

RT: 2.06 min Scan# 89

Delta R.T. -0.00 min

Lab File: VN056181.D

Acq: 10 Jun 2019 19:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 150953

Ion Ratio Lower Upper

50 100

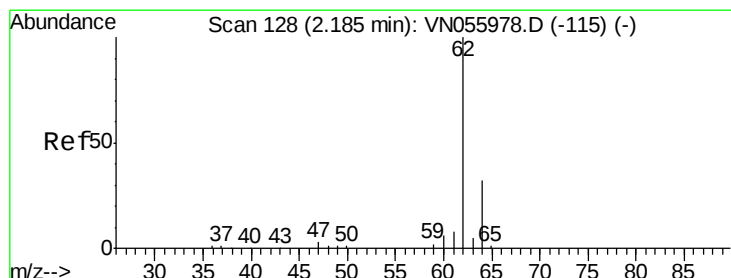
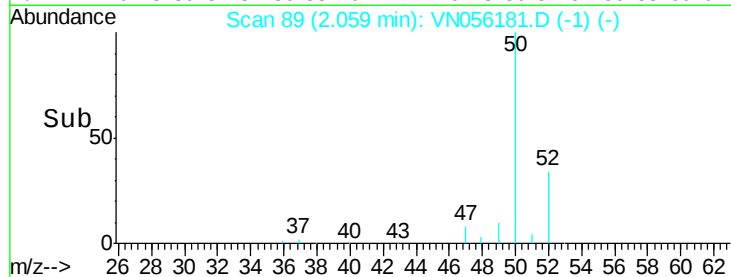
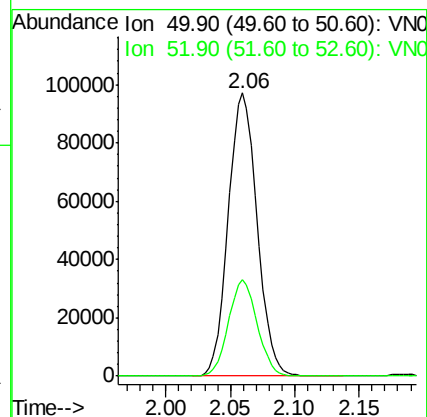
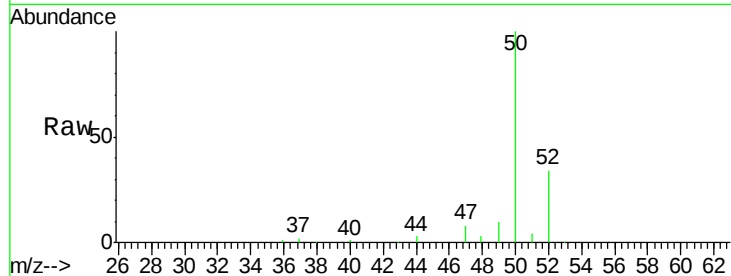
52 34.0 26.6 40.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 50.188 ug/l

RT: 2.18 min Scan# 127

Delta R.T. -0.00 min

Lab File: VN056181.D

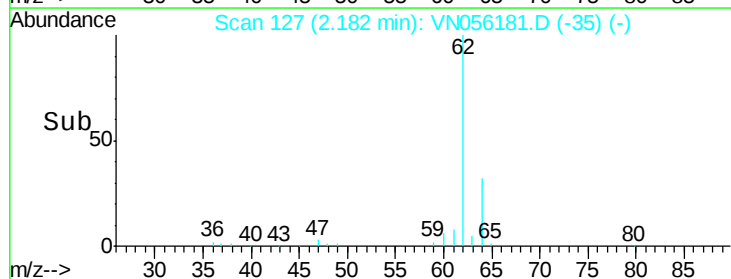
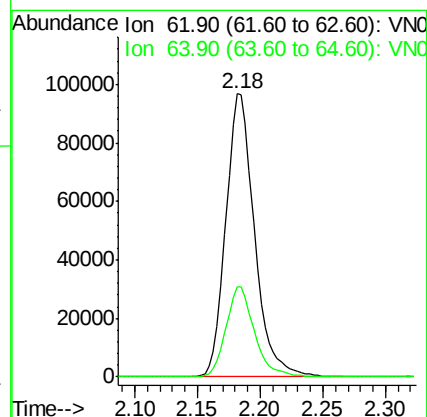
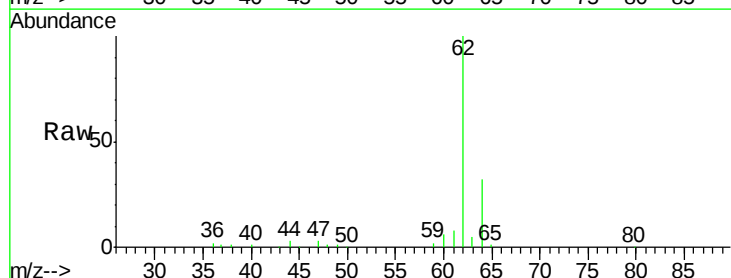
Acq: 10 Jun 2019 19:59

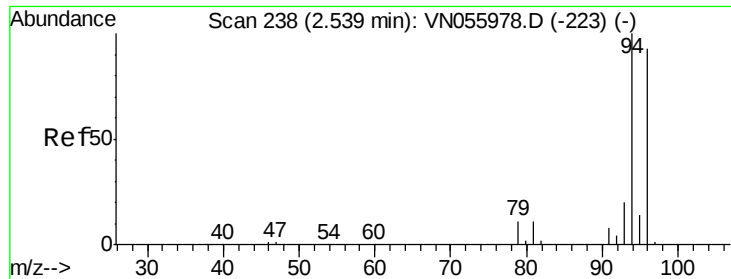
Tgt Ion: 62 Resp: 153531

Ion Ratio Lower Upper

62 100

64 31.6 25.6 38.4





#5

Bromomethane

Concen: 49.051 ug/l

RT: 2.53 min Scan# 234

Delta R.T. -0.01 min

Lab File: VN056181.D

Acq: 10 Jun 2019 19:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 94787

Ion Ratio Lower Upper

94 100

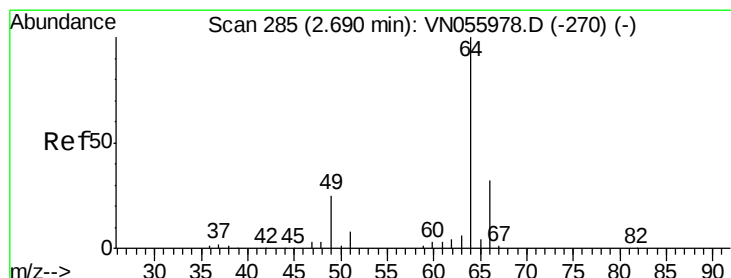
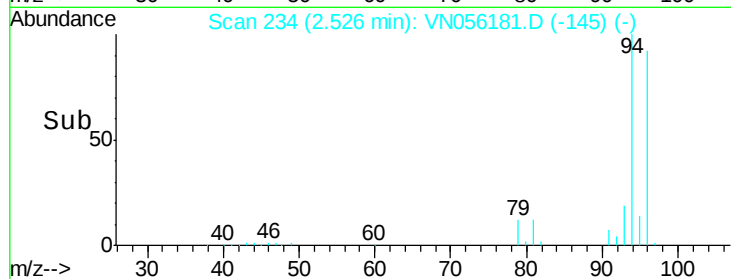
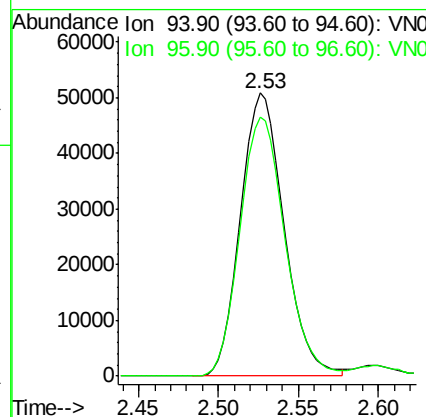
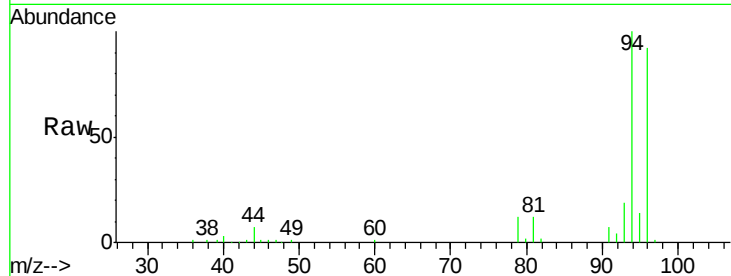
96 91.7 75.5 113.3

Manual Integrations

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#6

Chloroethane

Concen: 48.988 ug/l

RT: 2.68 min Scan# 282

Delta R.T. -0.01 min

Lab File: VN056181.D

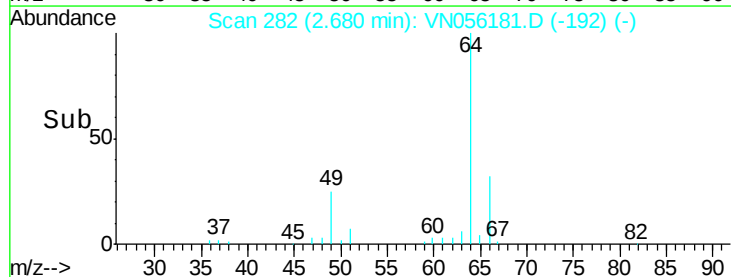
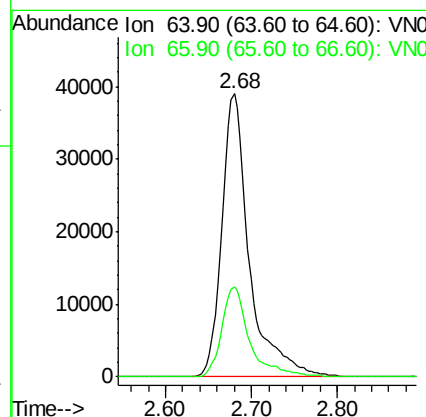
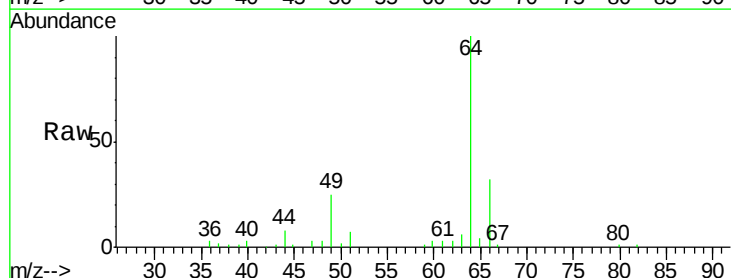
Acq: 10 Jun 2019 19:59

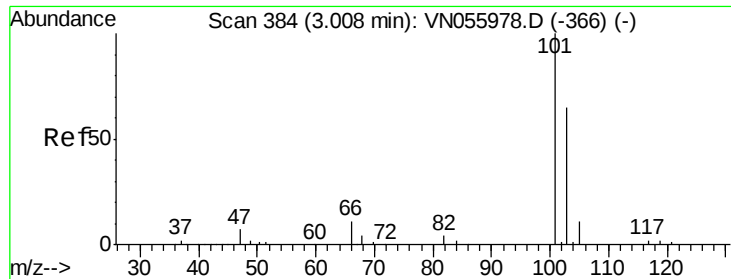
Tgt Ion: 64 Resp: 86887

Ion Ratio Lower Upper

64 100

66 31.9 25.4 38.0





#7

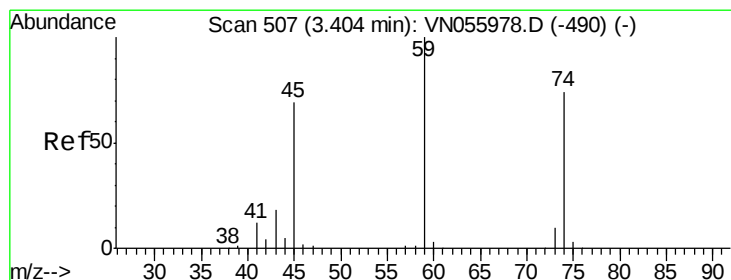
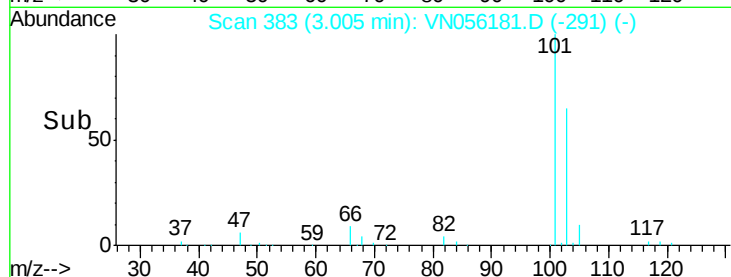
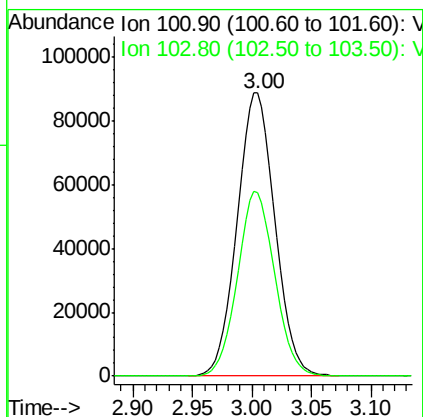
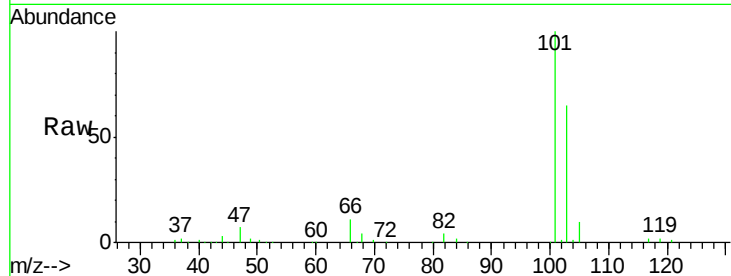
Trichlorofluoromethane
Concen: 49.998 ug/l
RT: 3.00 min Scan# 383
Delta R.T. -0.00 min
Lab File: VN056181.D
Acq: 10 Jun 2019 19:59

Instrument :
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ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.8	51.2	76.8

Manual Integrations
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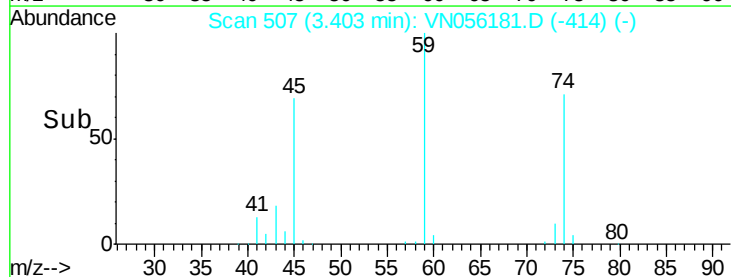
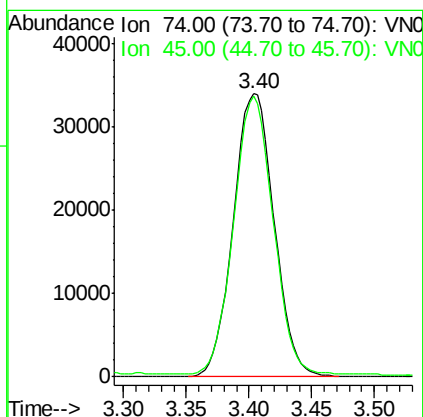
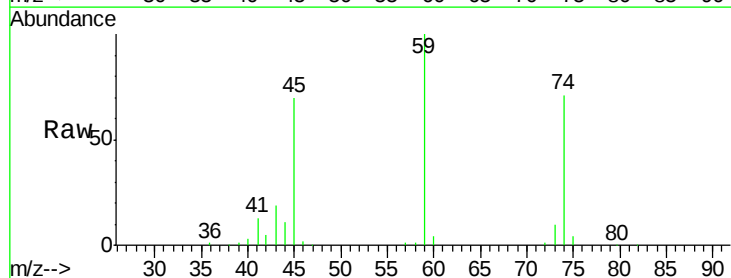
MMDadoda
6/11/2019 11:59:54 AM



#8

Diethyl Ether
Concen: 47.918 ug/l
RT: 3.40 min Scan# 507
Delta R.T. -0.00 min
Lab File: VN056181.D
Acq: 10 Jun 2019 19:59

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.6	48.6	145.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.951 ug/l

RT: 3.74 min Scan# 611

Delta R.T. -0.01 min

Lab File: VN056181.D

Acq: 10 Jun 2019 19:59

Instrument :

MSVOA_N

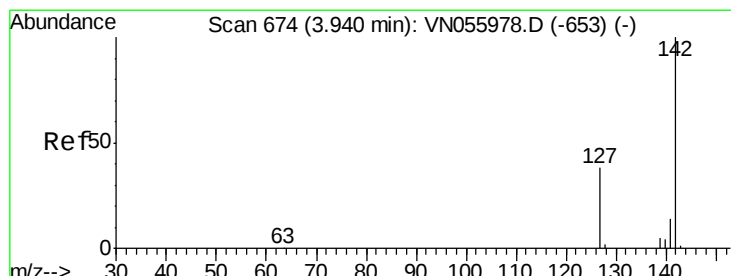
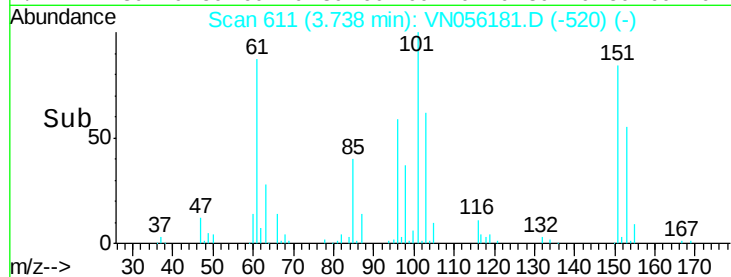
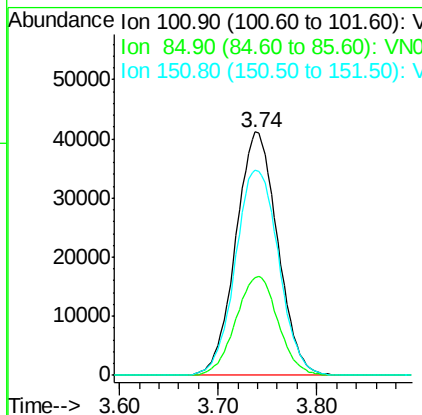
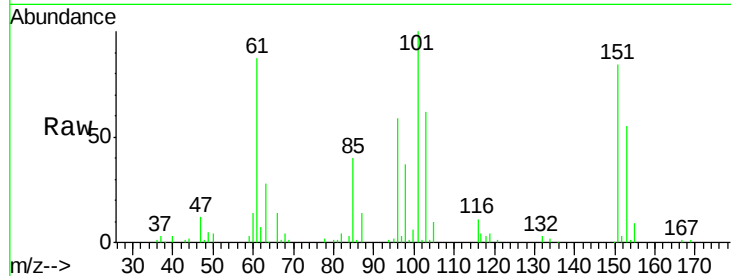
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	120869
Ion Ratio	Lower	Upper	
101	100		
85	41.1	33.4	50.2
151	87.6	69.4	104.2

Manual Integrations
APPROVED

MMDadoda
6/11/2019 11:59:54 AM



#10

Methyl Iodide

Concen: 46.772 ug/l

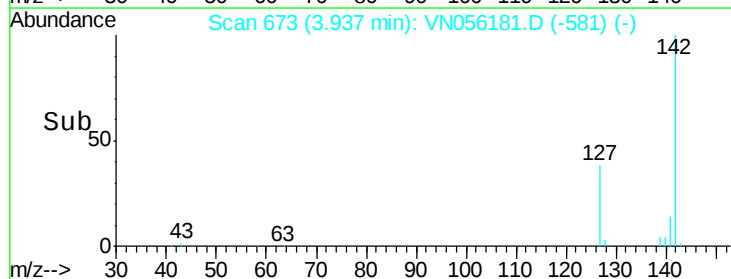
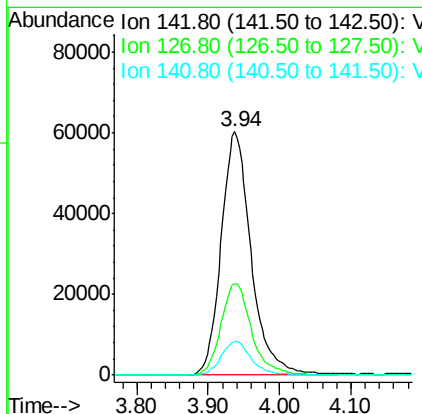
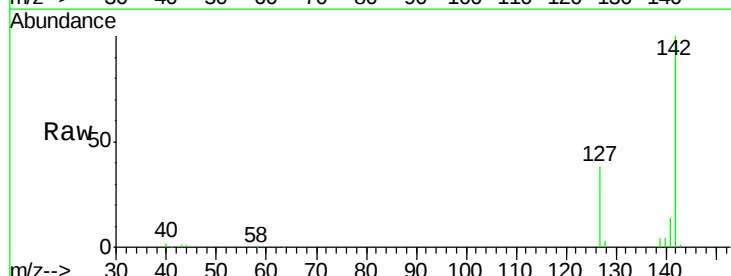
RT: 3.94 min Scan# 673

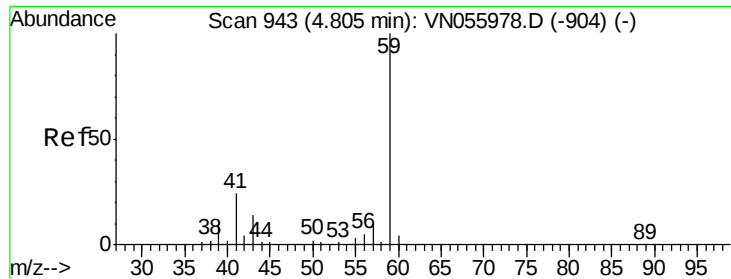
Delta R.T. -0.00 min

Lab File: VN056181.D

Acq: 10 Jun 2019 19:59

Tgt Ion:	142	Resp:	176326
Ion Ratio	Lower	Upper	
142	100		
127	38.4	31.0	46.4
141	14.0	11.4	17.0





#11

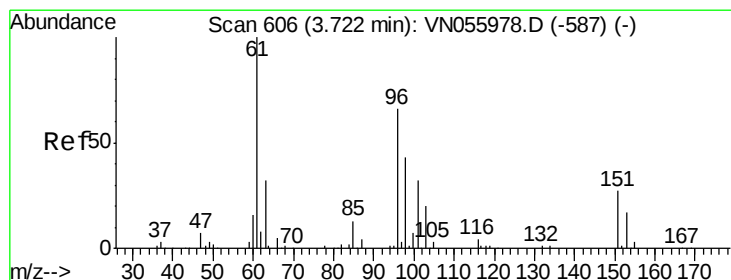
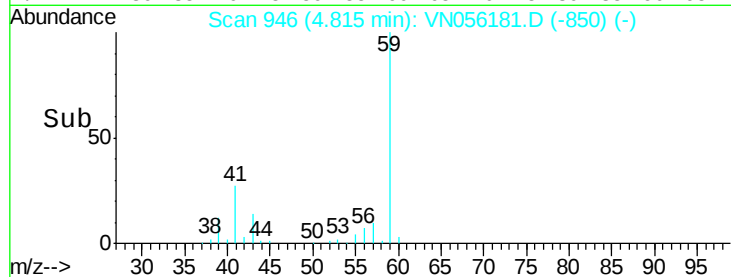
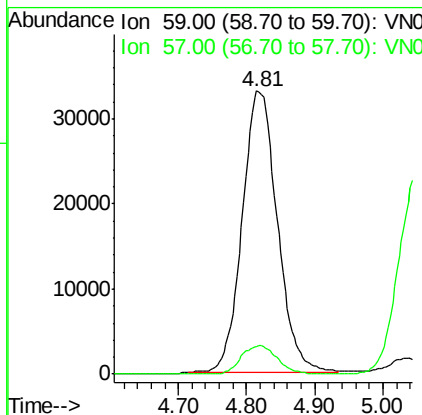
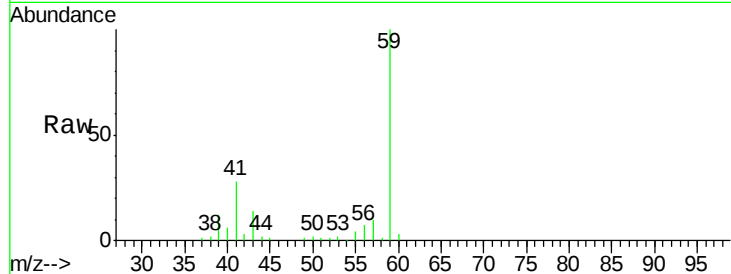
Tert butyl alcohol
 Concen: 244.927 ug/l
 RT: 4.81 min Scan# 946
 Delta R.T. 0.01 min
 Lab File: VN056181.D
 Acq: 10 Jun 2019 19:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	7.8	11.6

Manual Integrations
 APPROVED

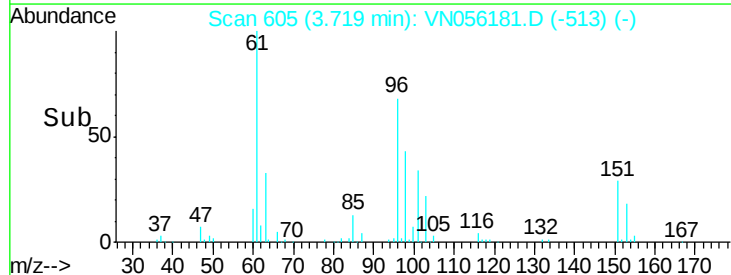
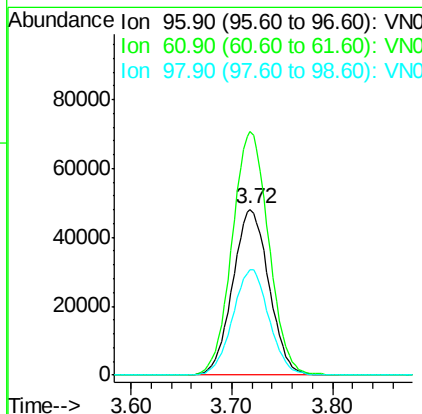
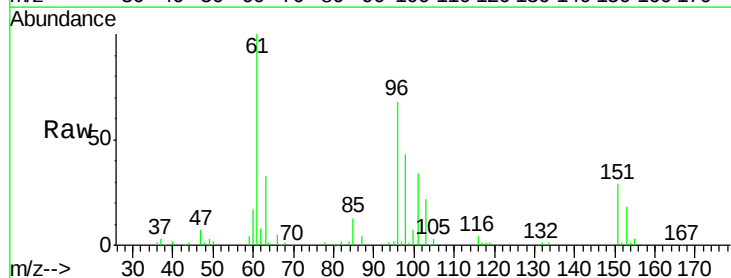
MMDadoda
 6/11/2019 11:59:54 AM

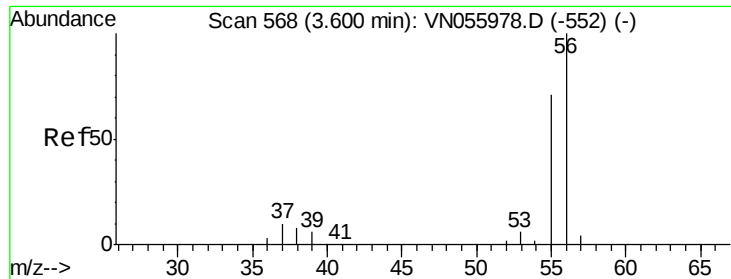


#12

1,1-Dichloroethene
 Concen: 50.882 ug/l
 RT: 3.72 min Scan# 605
 Delta R.T. -0.00 min
 Lab File: VN056181.D
 Acq: 10 Jun 2019 19:59

Tgt Ion	Ratio	Lower	Upper
96	100		
61	146.7	123.2	184.8
98	63.4	50.4	75.6





#13

Acrolein

Concen: 299.597 ug/l

RT: 3.60 min Scan# 568

Delta R.T. -0.00 min

Lab File: VN056181.D

Acq: 10 Jun 2019 19:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 42003

Ion Ratio Lower Upper

56 100

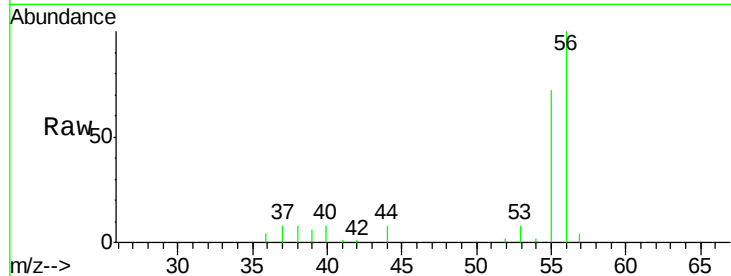
55 69.5 55.4 83.2

Manual Integrations

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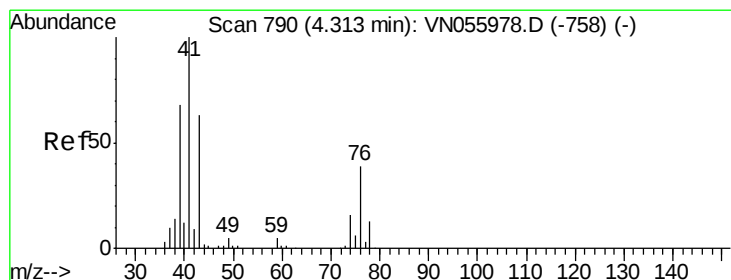
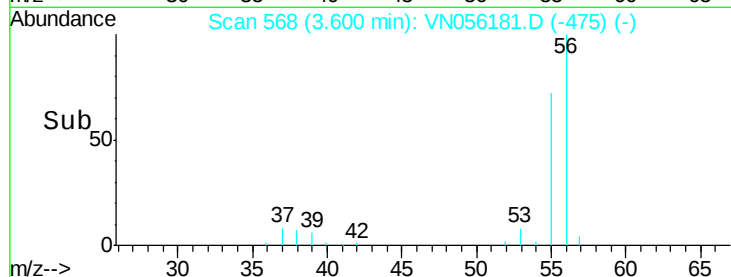
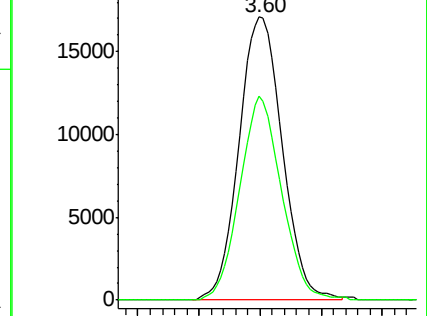
MMDadoda

6/11/2019 11:59:54 AM



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 51.571 ug/l

RT: 4.31 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN056181.D

Acq: 10 Jun 2019 19:59

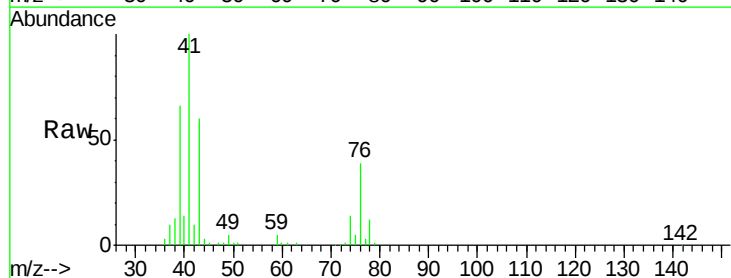
Tgt Ion: 41 Resp: 192325

Ion Ratio Lower Upper

41 100

39 61.5 50.0 75.0

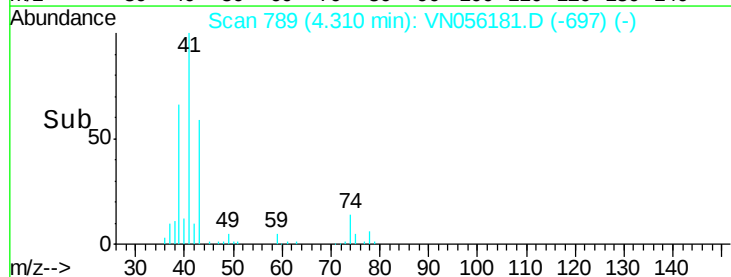
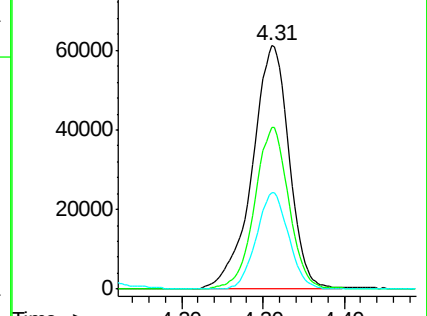
76 34.4 28.2 42.2

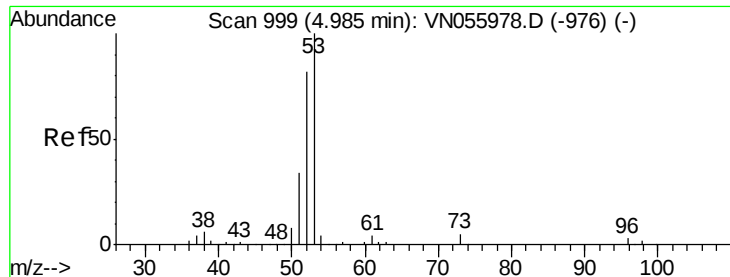


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 292.140 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN056181.D

Acq: 10 Jun 2019 19:59

Instrument :

MSVOA_N

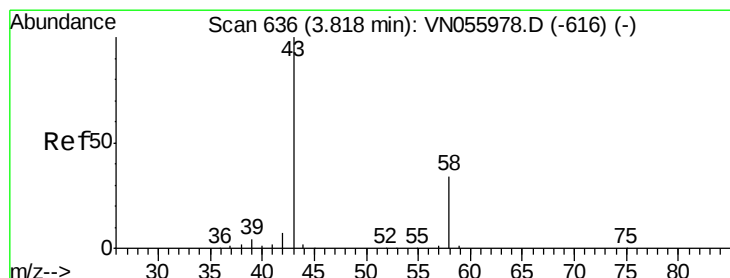
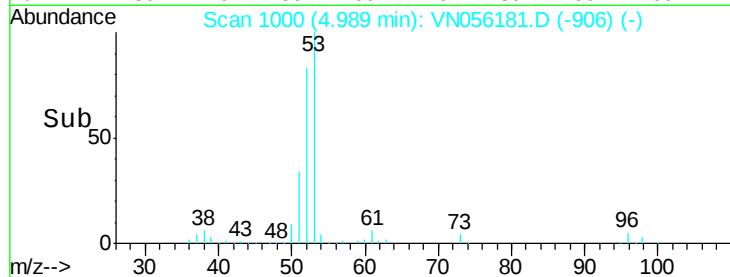
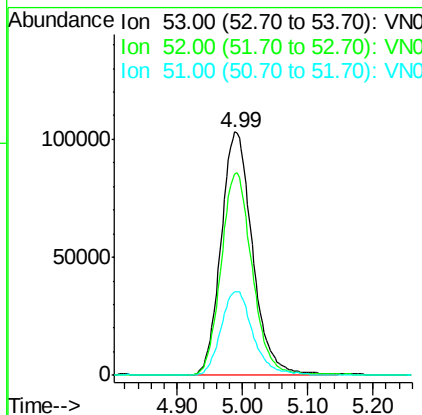
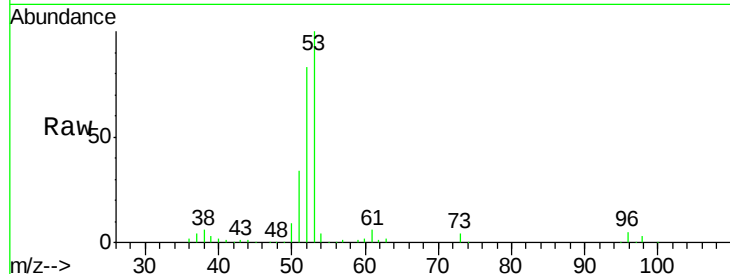
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	345699
Ion Ratio	Lower	Upper	
53	100		
52	81.8	65.8	98.8
51	35.3	28.2	42.4

Manual Integrations
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#16

Acetone

Concen: 220.233 ug/l

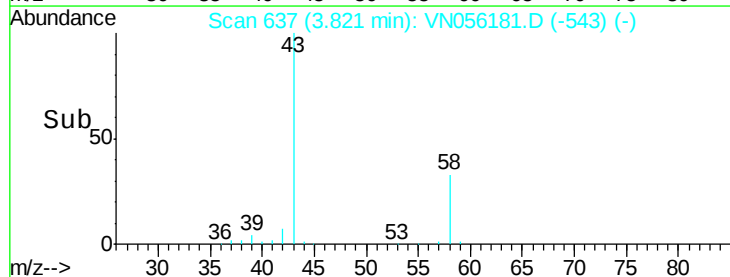
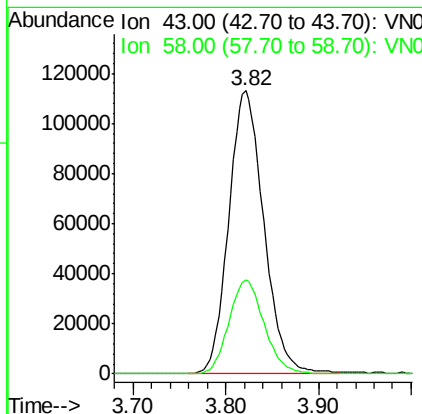
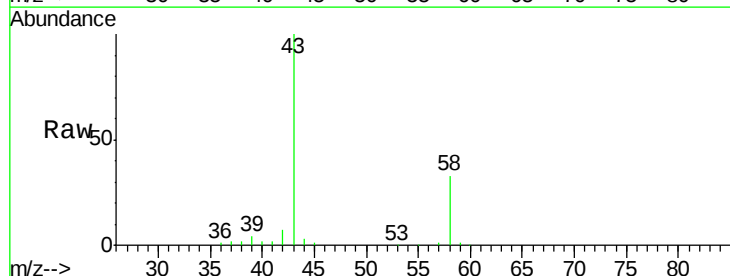
RT: 3.82 min Scan# 637

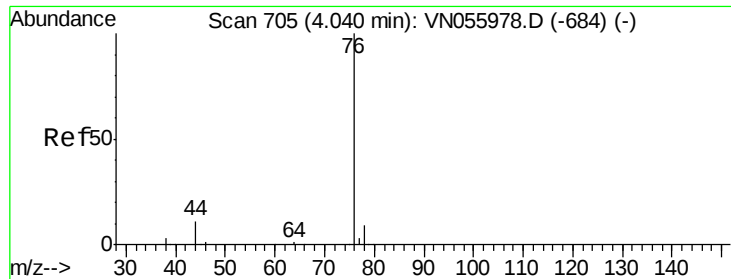
Delta R.T. 0.00 min

Lab File: VN056181.D

Acq: 10 Jun 2019 19:59

Tgt Ion:	43	Resp:	294230
Ion Ratio	Lower	Upper	
43	100		
58	33.2	26.6	39.8





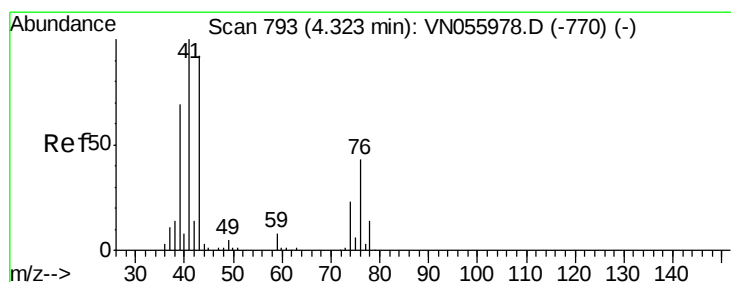
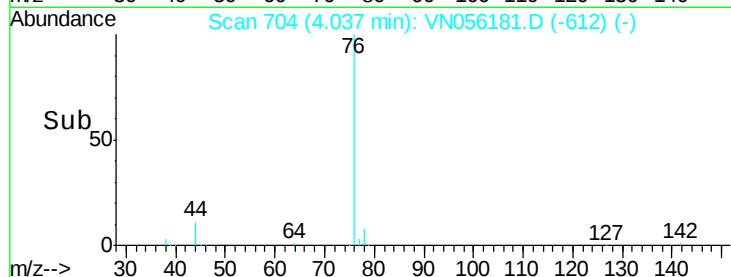
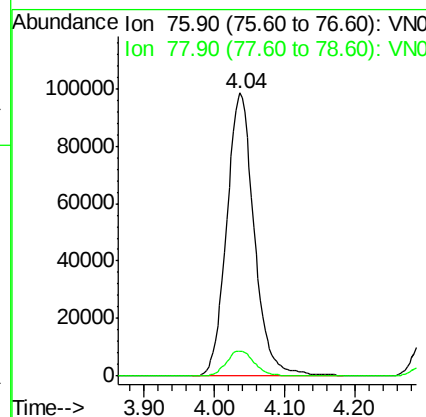
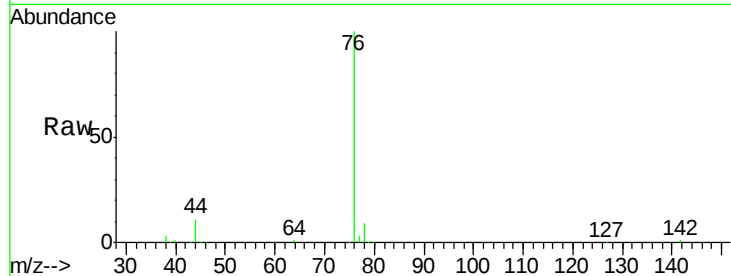
#17
Carbon Disulfide
Concen: 47.670 ug/l
RT: 4.04 min Scan# 704
Delta R.T. -0.00 min
Lab File: VN056181.D
Acq: 10 Jun 2019 19:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.4	11.2

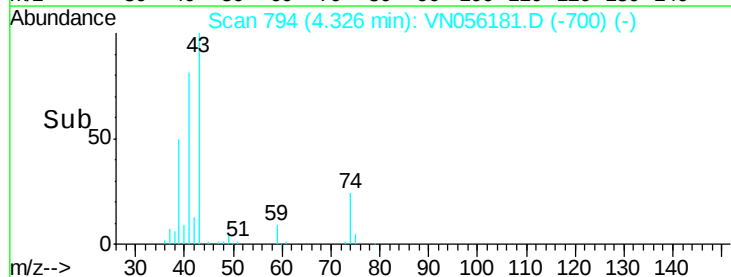
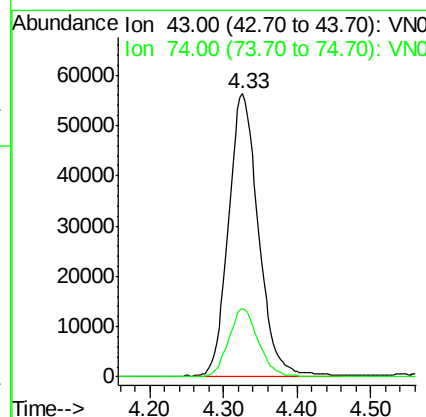
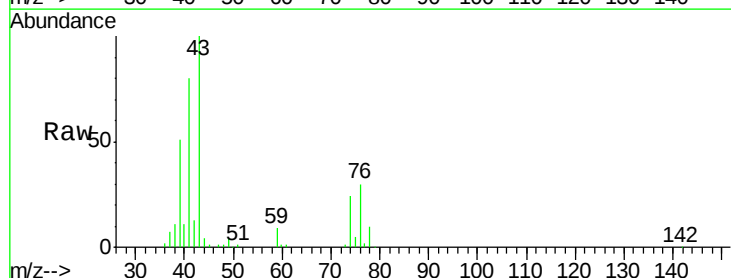
Manual Integrations
APPROVED

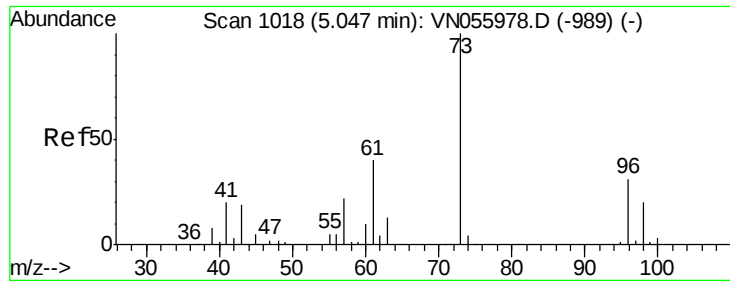
MMDadoda
6/11/2019 11:59:54 AM



#18
Methyl Acetate
Concen: 60.222 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN056181.D
Acq: 10 Jun 2019 19:59

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.1	19.3	28.9





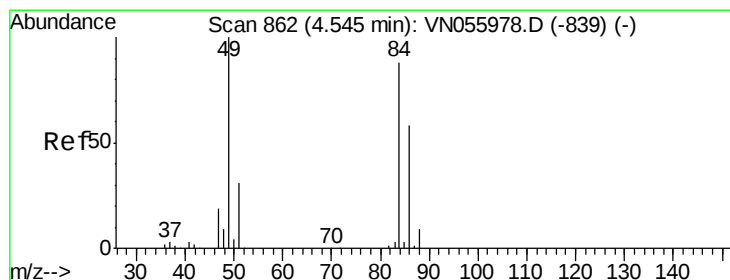
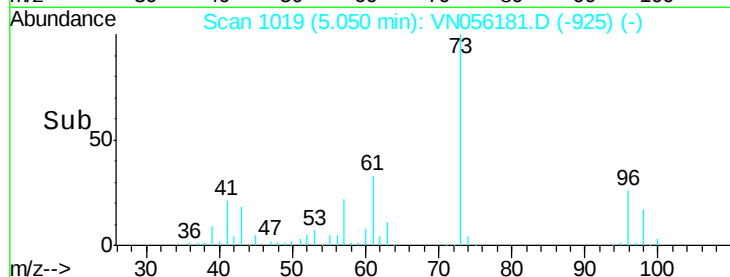
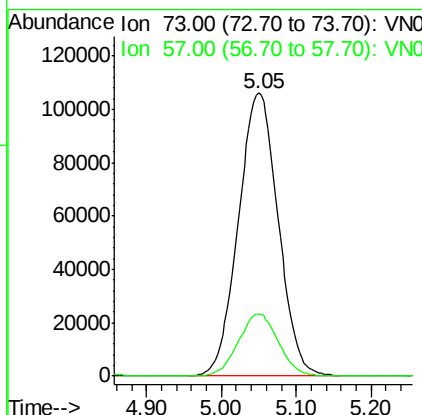
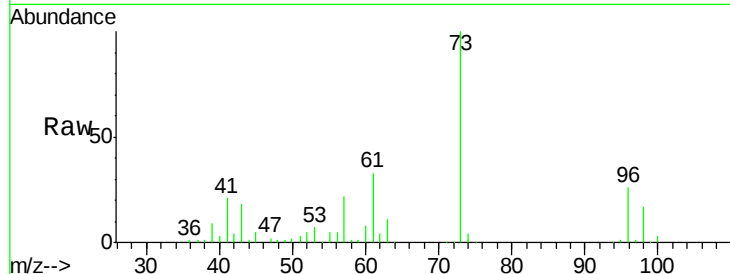
#19
Methvl tert-butvl Ether
Concen: 52.154 ug/l
RT: 5.05 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VN056181.D
Acq: 10 Jun 2019 19:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 392621
Ion Ratio Lower Upper
73 100
57 21.9 17.8 26.8

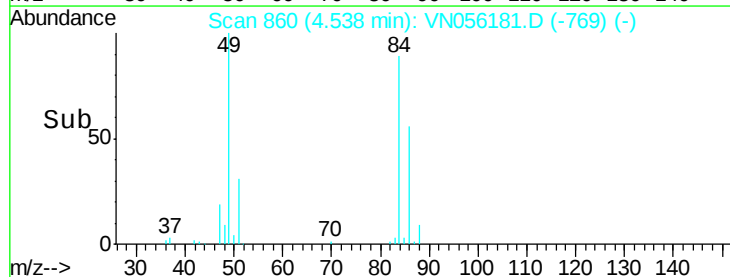
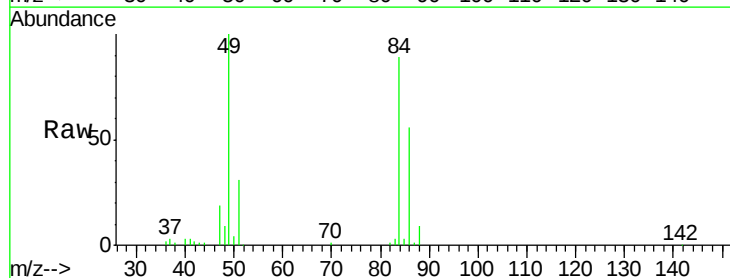
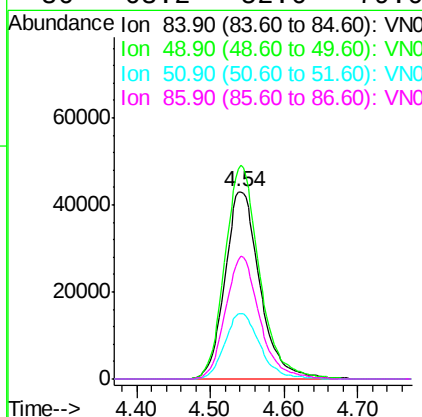
Manual Integrations
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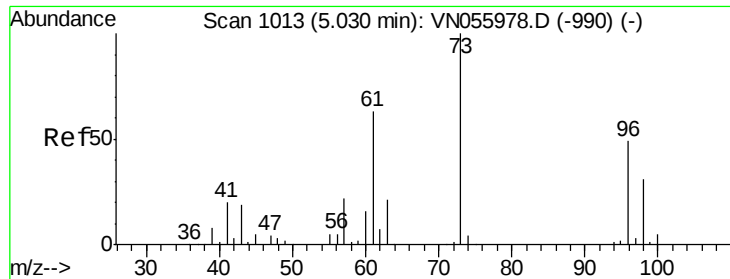
MMDadoda
6/11/2019 11:59:54 AM



#20
Methylene Chloride
Concen: 51.597 ug/l
RT: 4.54 min Scan# 860
Delta R.T. -0.01 min
Lab File: VN056181.D
Acq: 10 Jun 2019 19:59

Tgt Ion: 84 Resp: 142018
Ion Ratio Lower Upper
84 100
49 112.1 93.5 140.3
51 34.5 28.6 43.0
86 63.2 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 49.975 ug/l

RT: 5.03 min Scan# 1013

Delta R.T. -0.00 min

Lab File: VN056181.D

Acq: 10 Jun 2019 19:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 126462

Ion Ratio Lower Upper

96 100

61 132.6 107.8 161.8

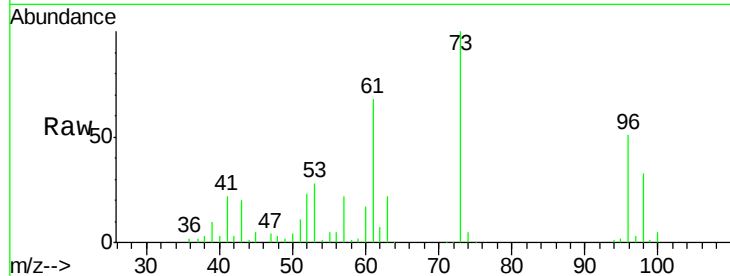
98 65.5 49.8 74.8

Manual Integrations

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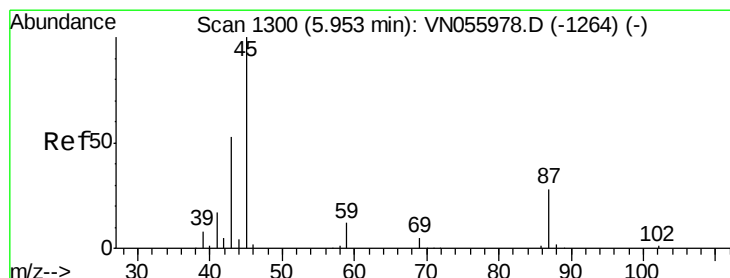
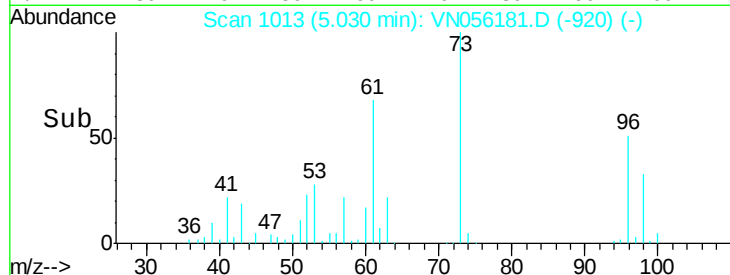
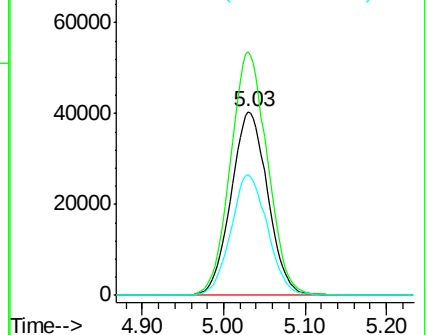
6/11/2019 11:59:54 AM



Abundance Ion 95.90 (95.60 to 96.60): VN055978.D (-990) (-)

Ion 60.90 (60.60 to 61.60): VN055978.D (-990) (-)

Ion 97.90 (97.60 to 98.60): VN055978.D (-990) (-)



#22

Diisopropyl ether

Concen: 52.474 ug/l

RT: 5.96 min Scan# 1301

Delta R.T. 0.00 min

Lab File: VN056181.D

Acq: 10 Jun 2019 19:59

Tgt Ion: 45 Resp: 404529

Ion Ratio Lower Upper

45 100

43 56.0 45.0 67.6

87 28.7 22.2 33.4

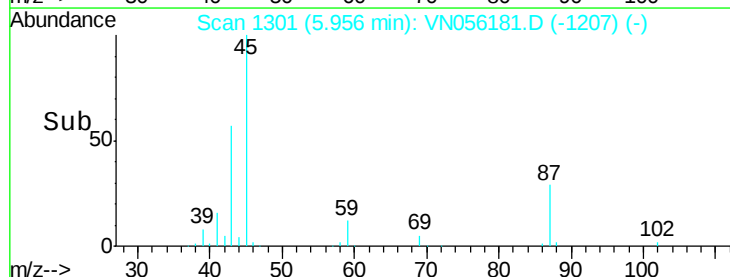
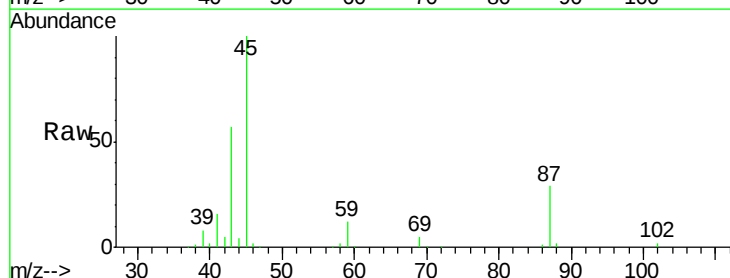
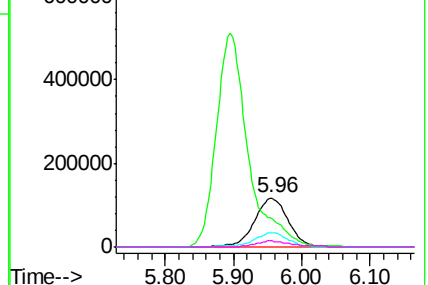
59 11.6 9.1 13.7

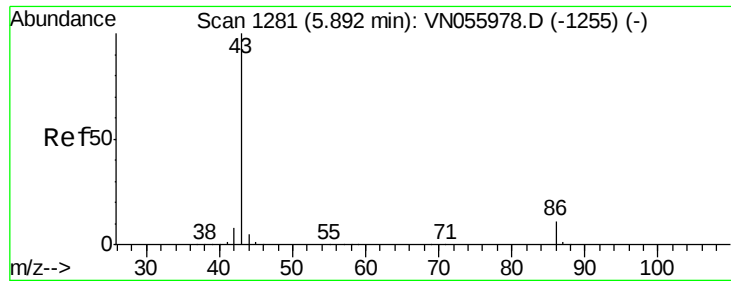
Abundance Ion 45.00 (44.70 to 45.70): VN055978.D (-1264) (-)

Ion 43.00 (42.70 to 43.70): VN055978.D (-1264) (-)

Ion 87.00 (86.70 to 87.70): VN055978.D (-1264) (-)

Ion 59.00 (58.70 to 59.70): VN055978.D (-1264) (-)





#23

Vinyl Acetate

Concen: 274.086 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VN056181.D

Acq: 10 Jun 2019 19:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1663951

Ion Ratio Lower Upper

43 100

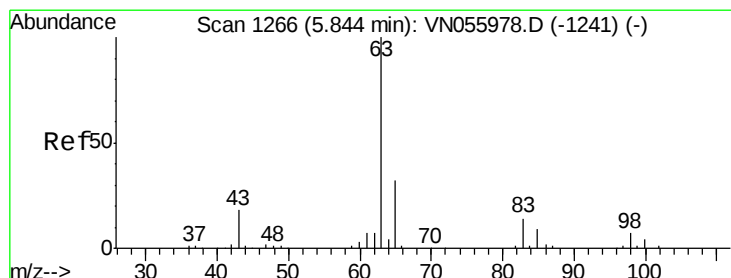
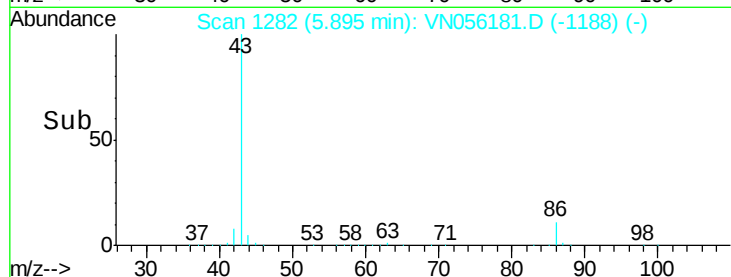
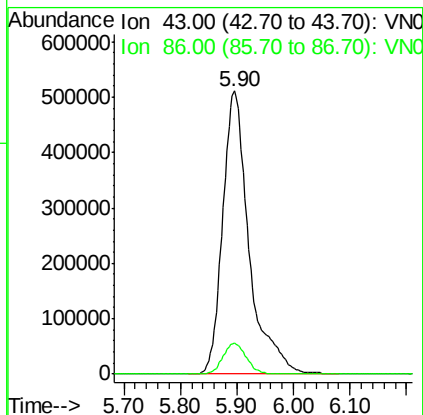
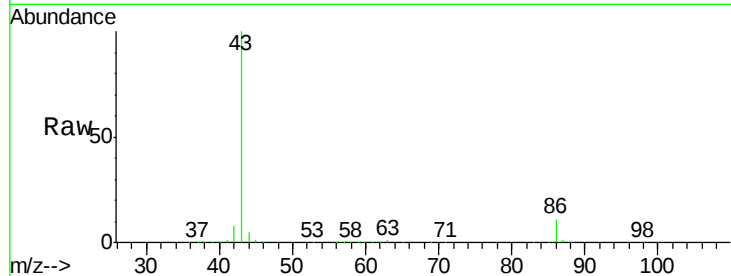
86 10.8 8.6 13.0

Manual Integrations

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MMDadoda

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#24

1,1-Dichloroethane

Concen: 52.676 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. -0.00 min

Lab File: VN056181.D

Acq: 10 Jun 2019 19:59

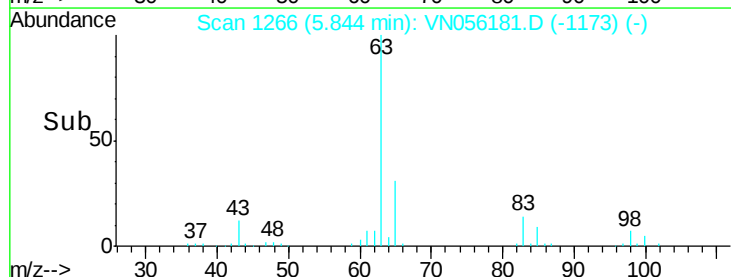
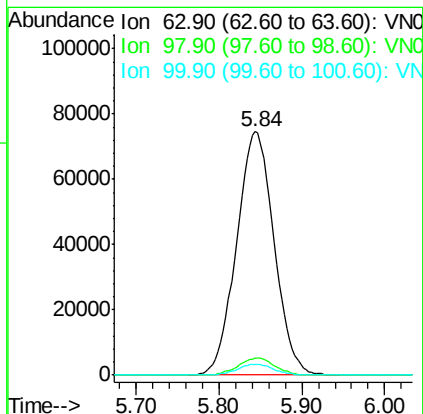
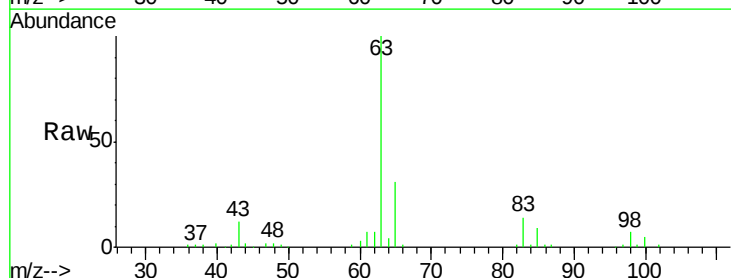
Tgt Ion: 63 Resp: 234245

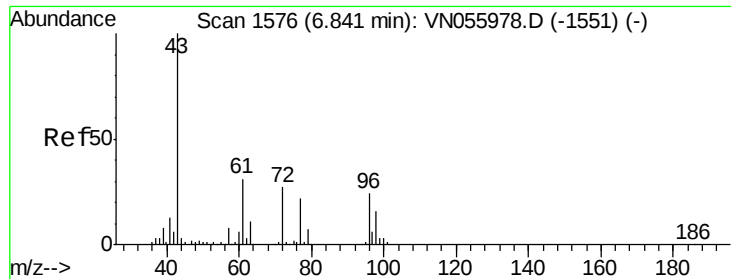
Ion Ratio Lower Upper

63 100

98 6.9 3.4 10.1

100 4.5 2.2 6.6





#25

2-Butanone

Concen: 270.388 ug/l

RT: 6.84 min Scan# 1577

Delta R.T. 0.00 min

Lab File: VN056181.D

Acq: 10 Jun 2019 19:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 456412

Ion Ratio Lower Upper

43 100

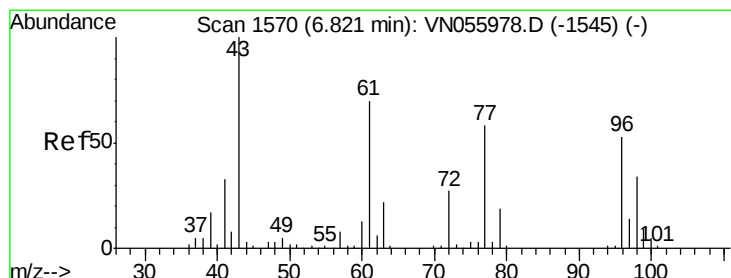
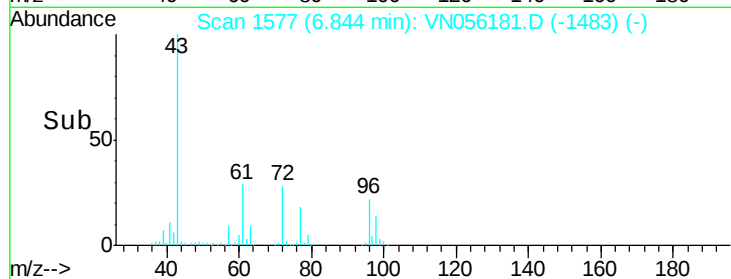
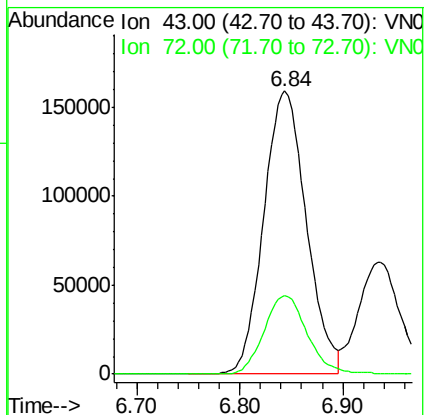
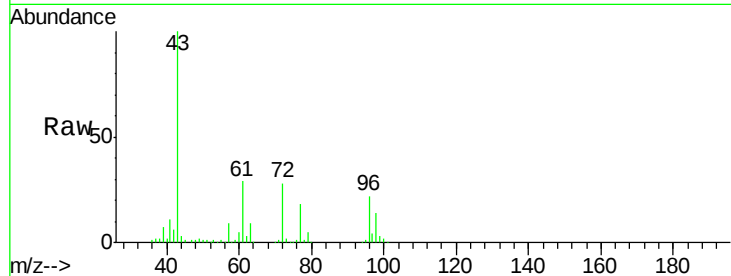
72 27.8 21.9 32.9

Manual Integrations

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6/11/2019 11:59:54 AM



#26

2,2-Dichloropropane

Concen: 44.304 ug/l

RT: 6.82 min Scan# 1570

Delta R.T. -0.00 min

Lab File: VN056181.D

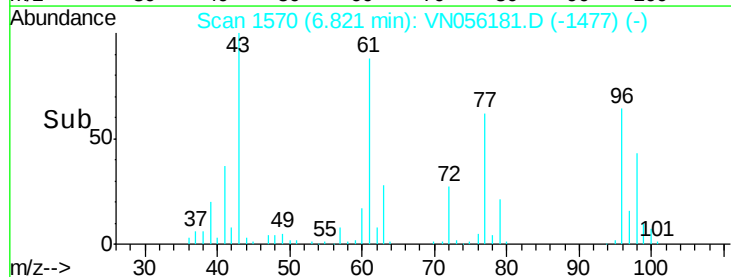
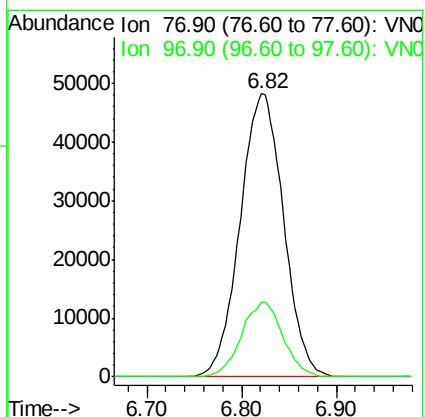
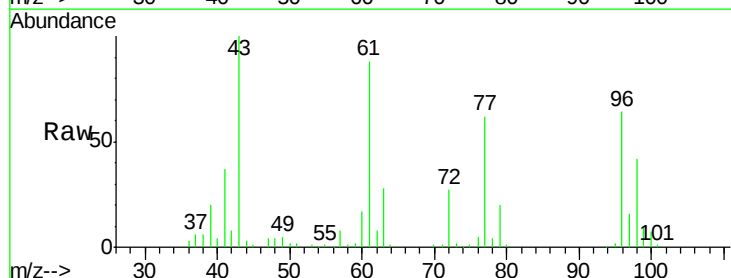
Acq: 10 Jun 2019 19:59

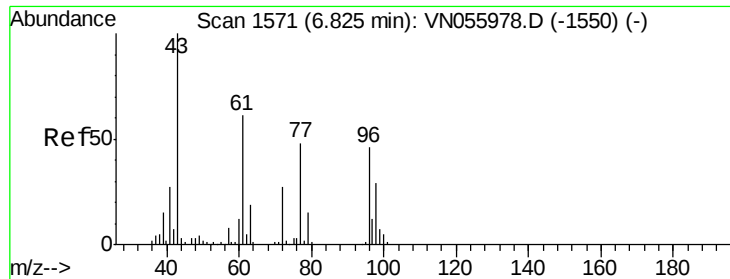
Tgt Ion: 77 Resp: 153735

Ion Ratio Lower Upper

77 100

97 25.2 12.2 36.6





#27

cis-1,2-Dichloroethene

Concen: 51.299 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN056181.D

Acq: 10 Jun 2019 19:59

Instrument :

MSVOA_N

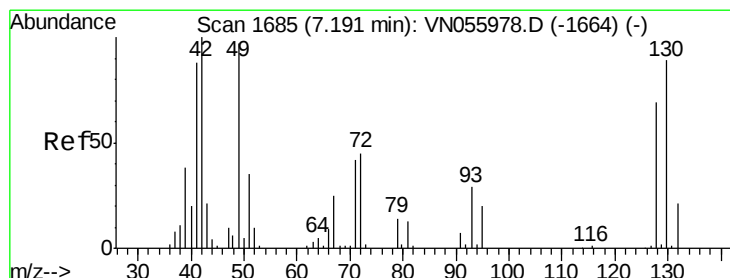
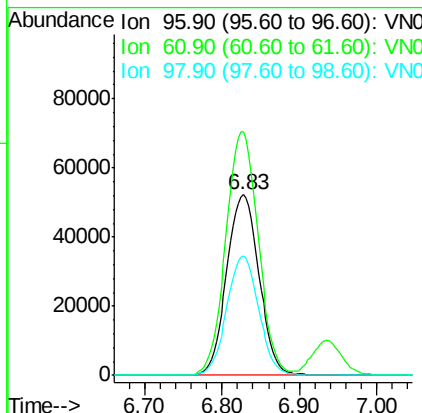
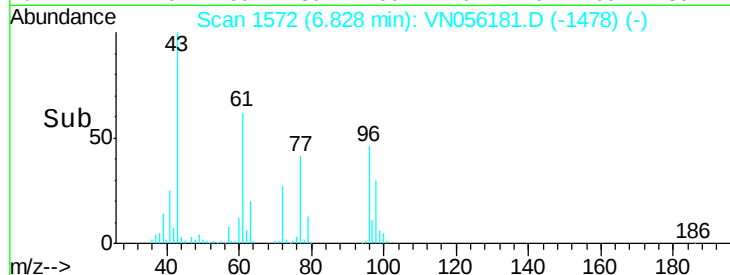
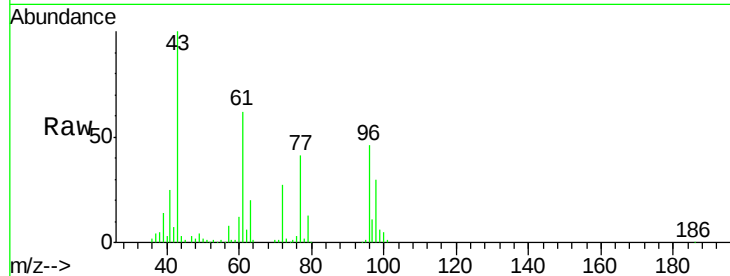
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	152591
Ion Ratio	Lower	Upper	
96	100		
61	134.2	0.0	275.8
98	65.0	0.0	128.4

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#28

Bromochloromethane

Concen: 53.131 ug/l

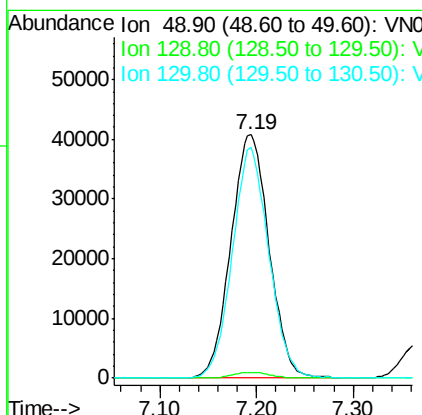
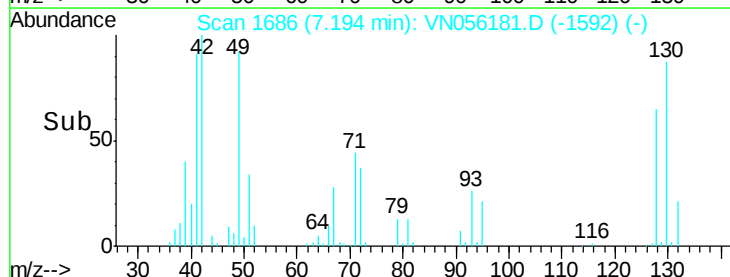
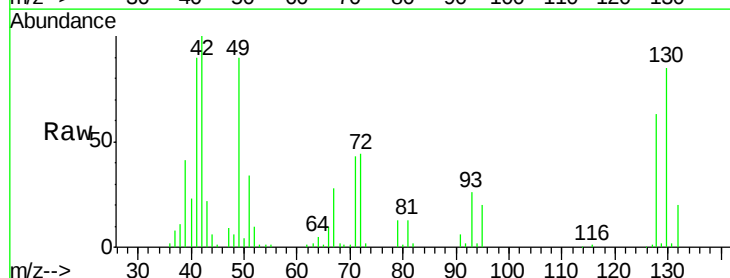
RT: 7.19 min Scan# 1686

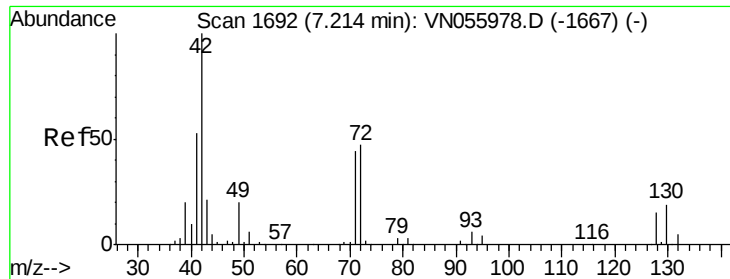
Delta R.T. 0.00 min

Lab File: VN056181.D

Acq: 10 Jun 2019 19:59

Tgt Ion:	49	Resp:	111732
Ion Ratio	Lower	Upper	
49	100		
129	2.2	0.0	4.4
130	90.6	71.2	106.8





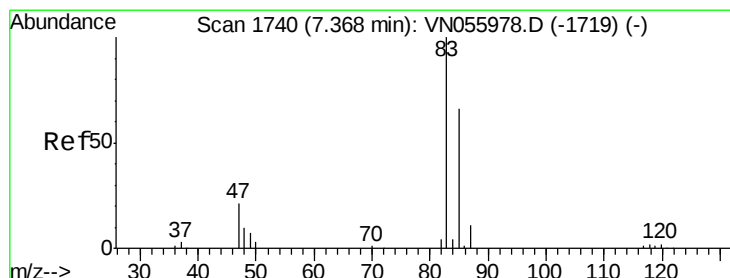
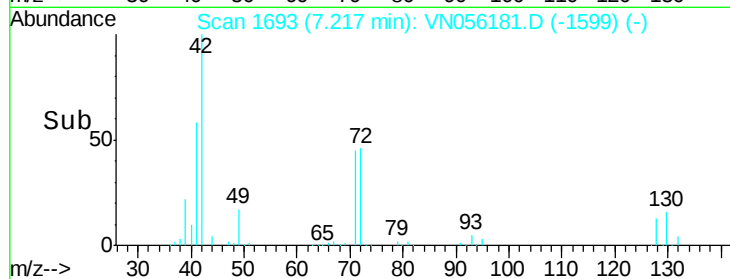
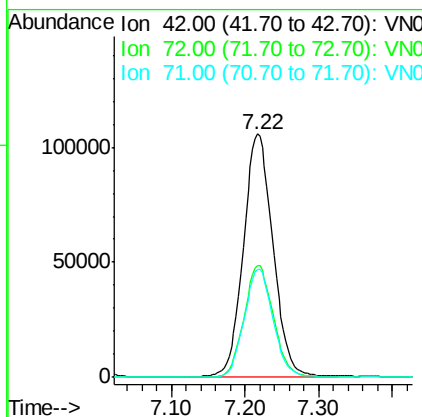
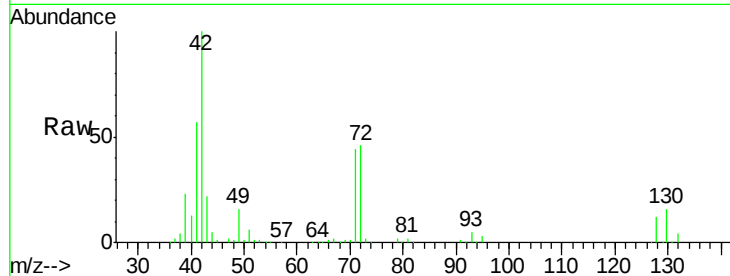
#29
Tetrahydrofuran
Concen: 285.569 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VN056181.D
Acq: 10 Jun 2019 19:59

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.3	35.9	53.9
71	43.1	34.0	51.0

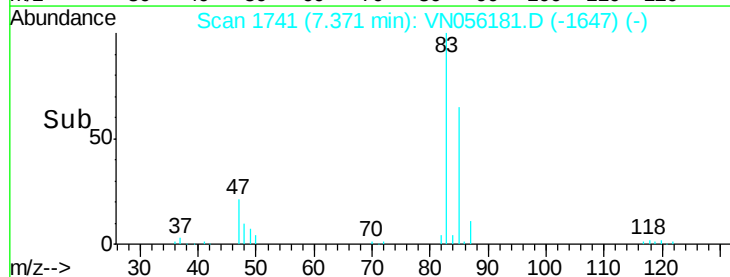
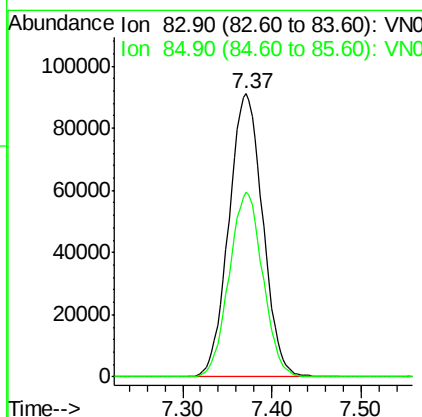
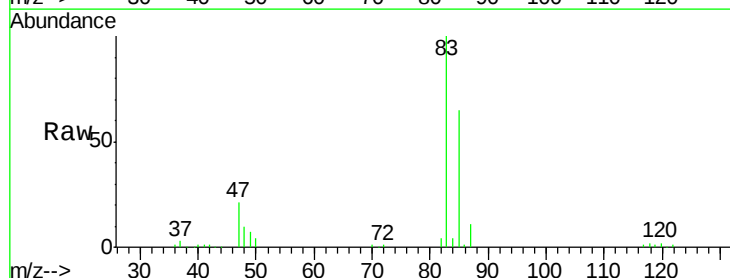
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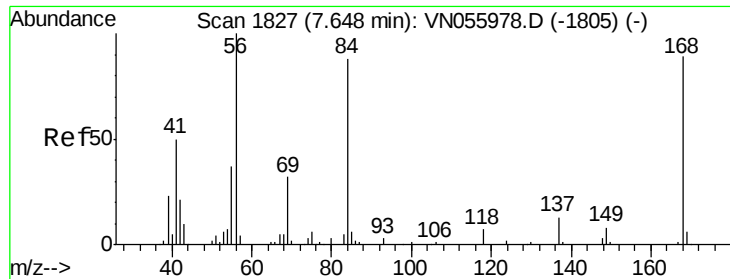
MMDadoda
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#30
Chloroform
Concen: 53.607 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN056181.D
Acq: 10 Jun 2019 19:59

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.2	51.8	77.8





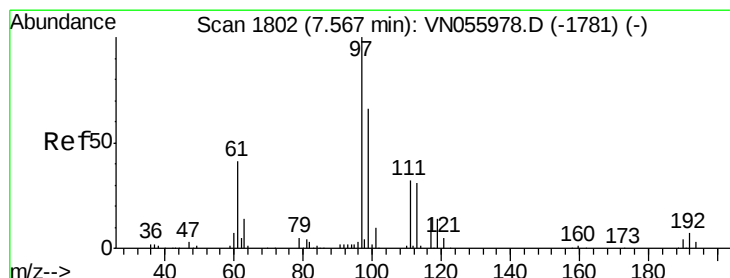
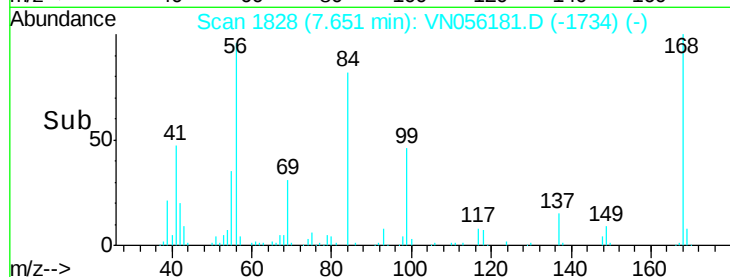
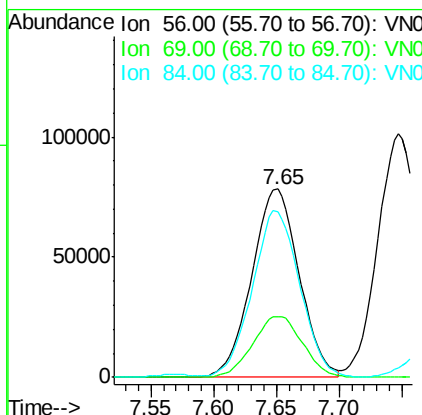
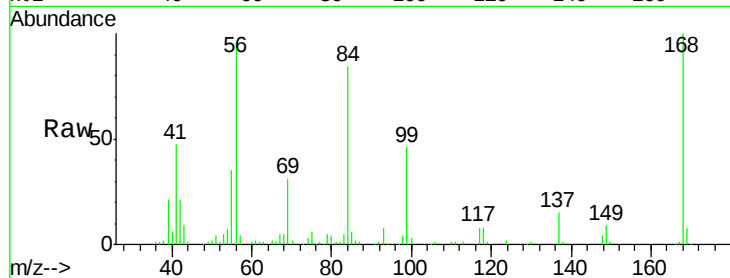
#31
Cyclohexane
Concen: 46.468 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. 0.00 min
Lab File: VN056181.D
Acq: 10 Jun 2019 19:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.2	25.6	38.4
84	86.5	67.4	101.0

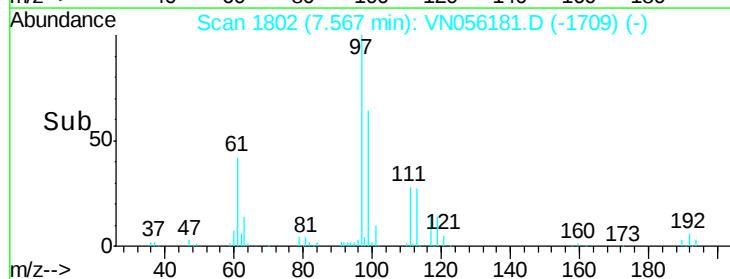
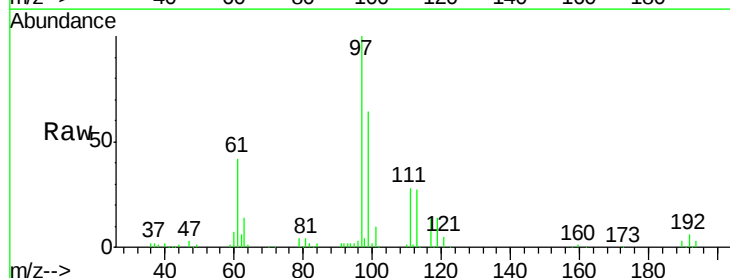
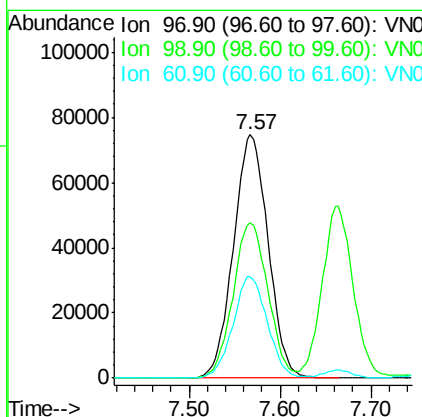
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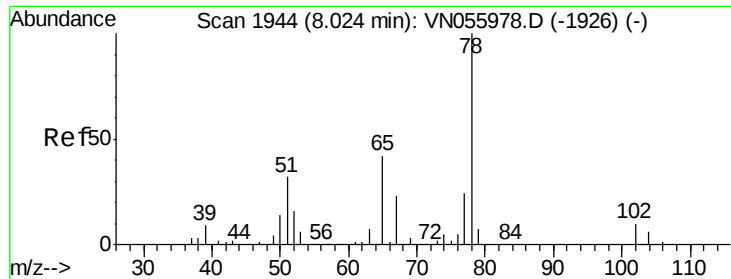
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#32
1,1,1-Trichloroethane
Concen: 52.931 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. -0.00 min
Lab File: VN056181.D
Acq: 10 Jun 2019 19:59

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	52.0	78.0
61	41.4	32.9	49.3





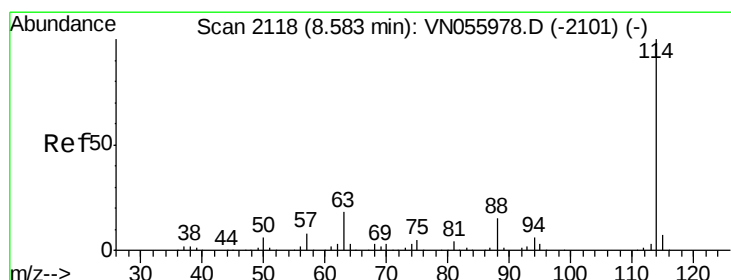
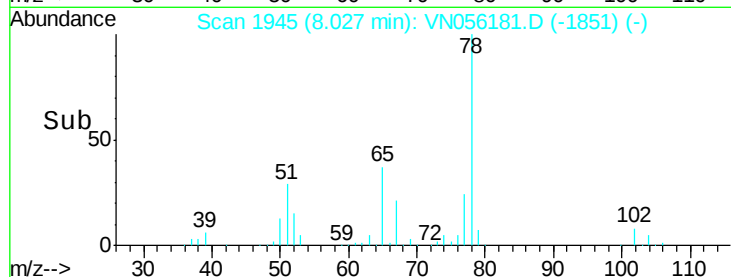
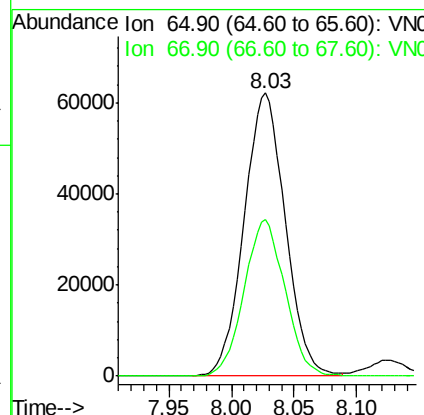
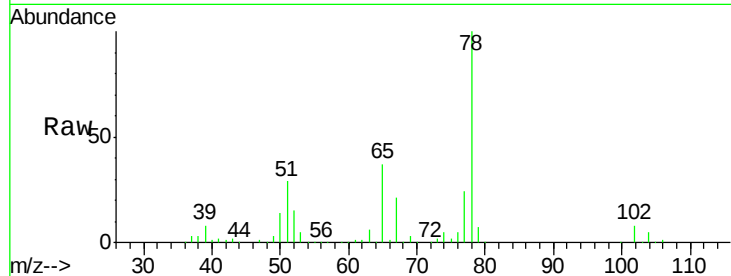
#33
 1,2-Dichloroethane-d4
 Concen: 50.840 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN056181.D
 Acq: 10 Jun 2019 19:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	142017		
67	55.0	0.0	109.2	

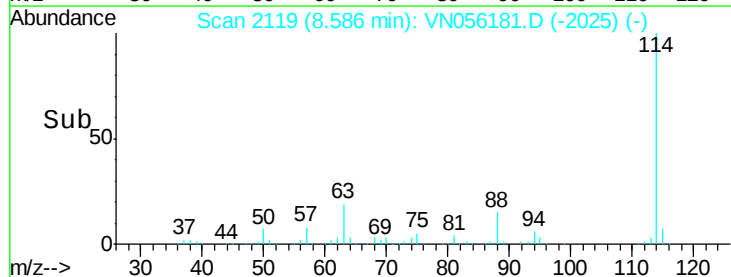
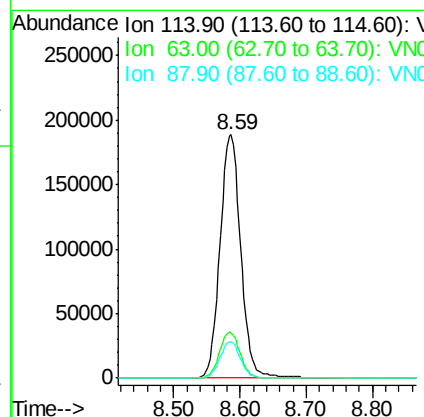
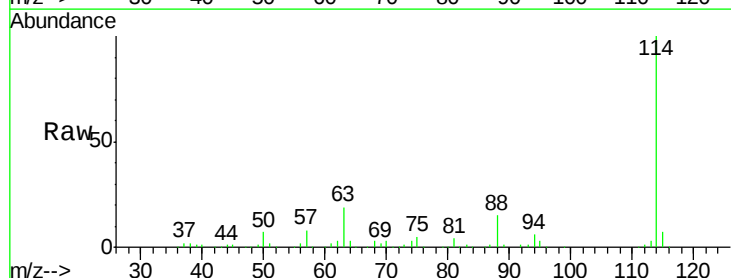
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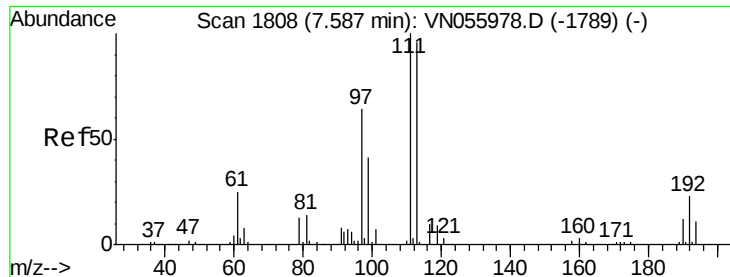
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056181.D
 Acq: 10 Jun 2019 19:59

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	409519		
63	18.8	0.0	39.2	
88	14.9	0.0	31.0	





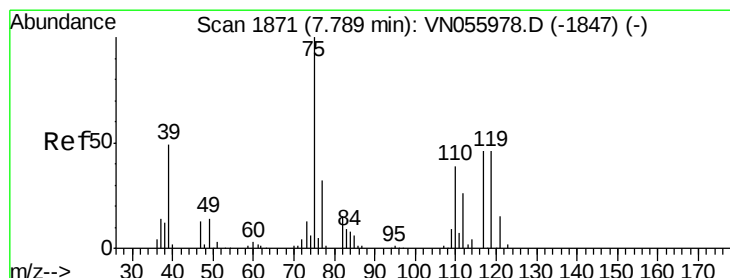
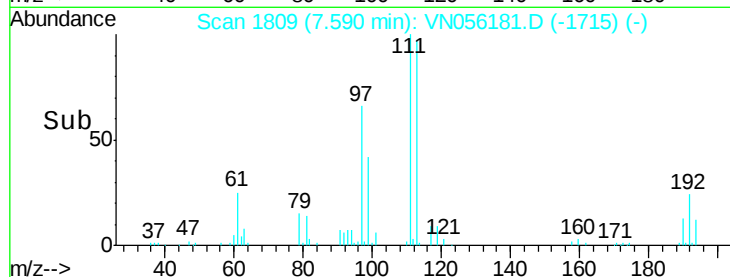
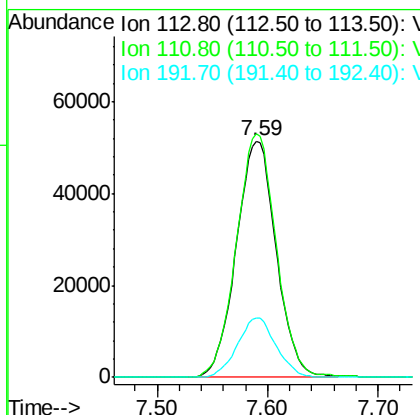
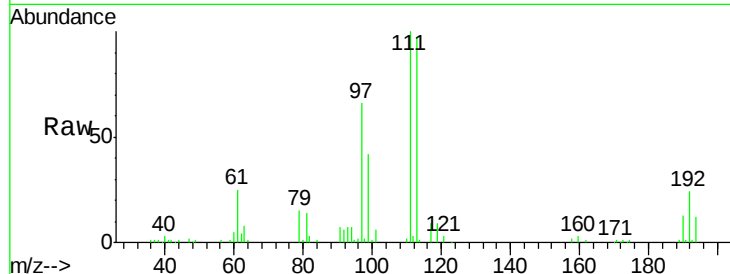
#35
 Dibromofluoromethane
 Concen: 51.326 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056181.D
 Acq: 10 Jun 2019 19:59

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	128959		
111	103.1	81.9	122.9	
192	24.3	19.5	29.3	

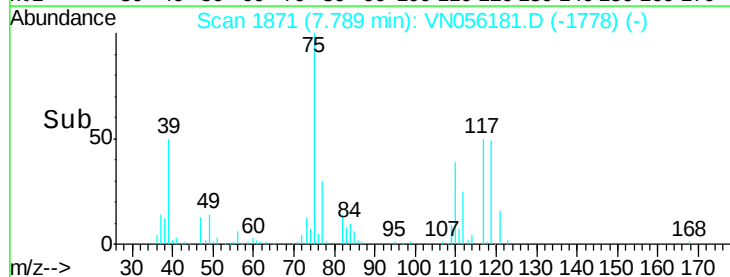
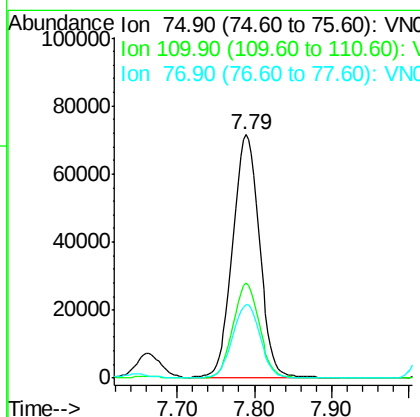
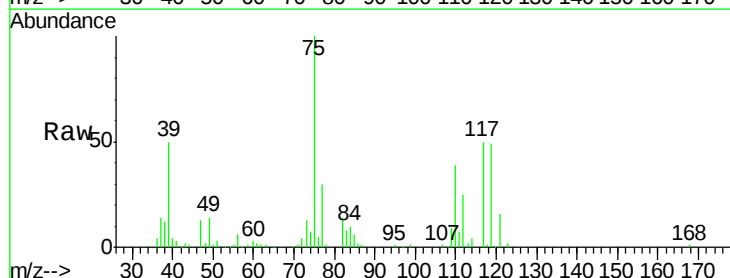
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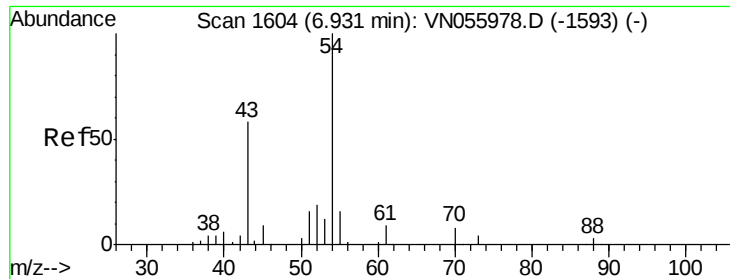
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#36
 1,1-Dichloropropene
 Concen: 48.940 ug/l
 RT: 7.79 min Scan# 1871
 Delta R.T. -0.00 min
 Lab File: VN056181.D
 Acq: 10 Jun 2019 19:59

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	172331		
110	38.0	19.0	57.0	
77	31.0	25.1	37.7	





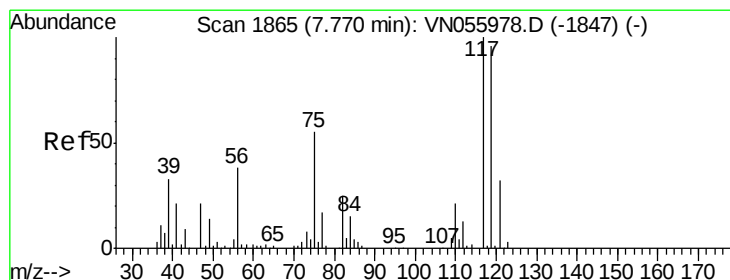
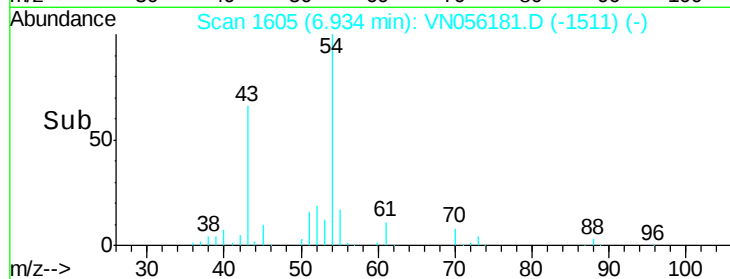
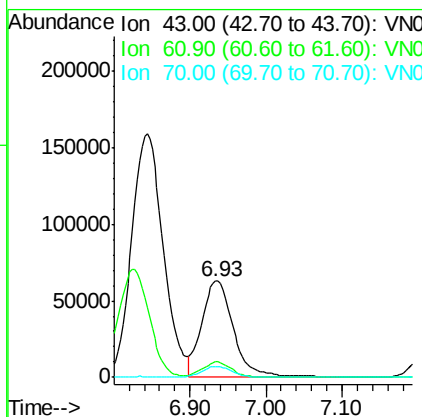
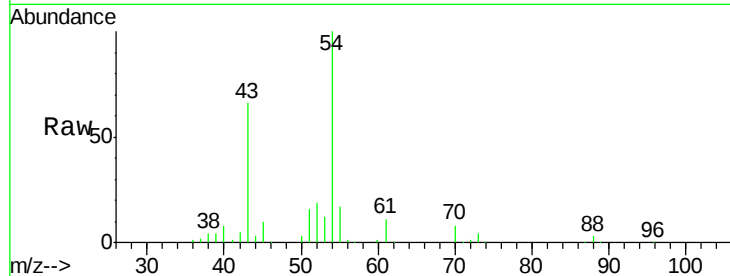
#37
Ethyl Acetate
Concen: 57.211 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VN056181.D
Acq: 10 Jun 2019 19:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	61	70
Resp	179248		
Ratio	100	15.3	11.1
Lower		12.2	8.9
Upper		18.2	13.3

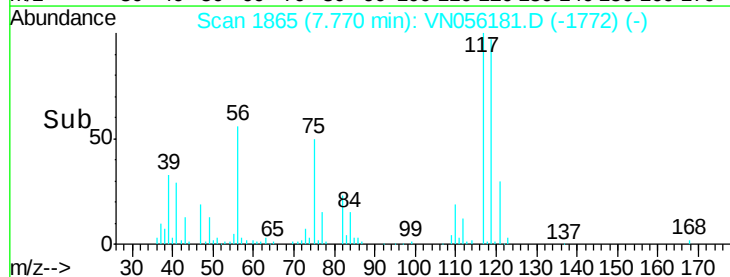
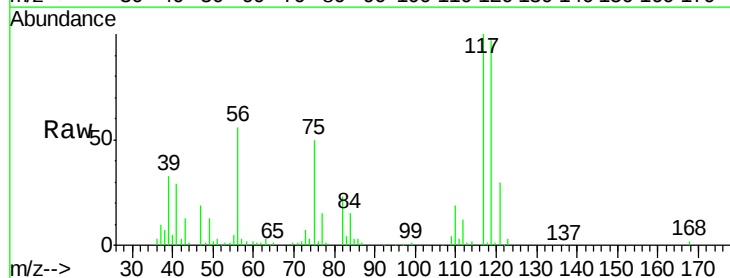
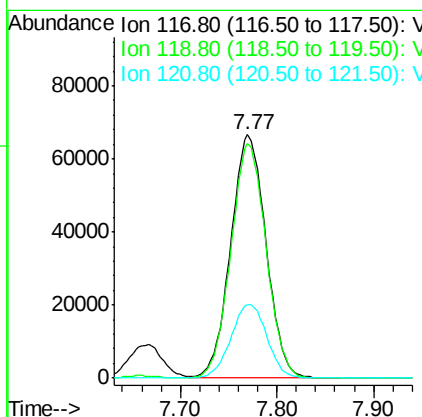
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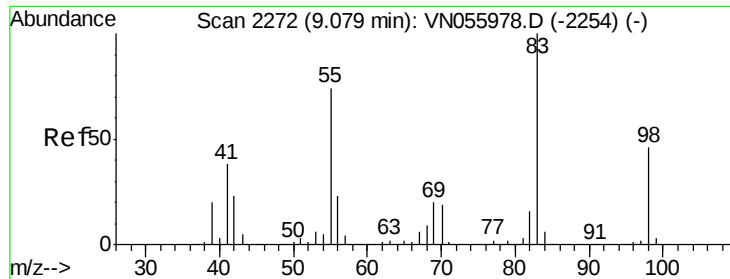
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#38
Carbon Tetrachloride
Concen: 52.165 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. -0.00 min
Lab File: VN056181.D
Acq: 10 Jun 2019 19:59

Tgt Ion	117	119	121
Resp	169351		
Ratio	100	96.5	30.2
Lower		79.0	24.7
Upper		118.6	37.1





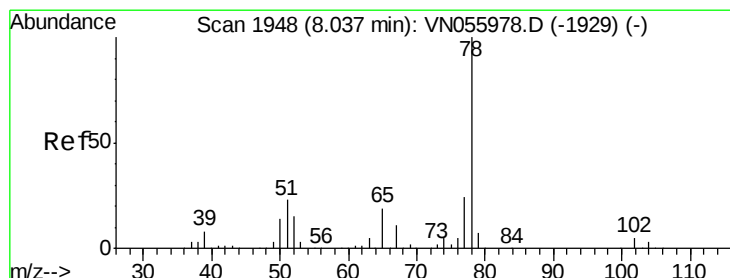
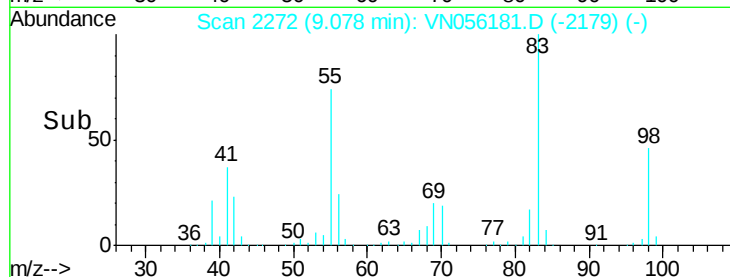
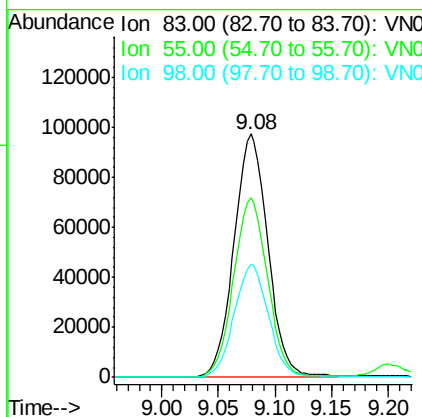
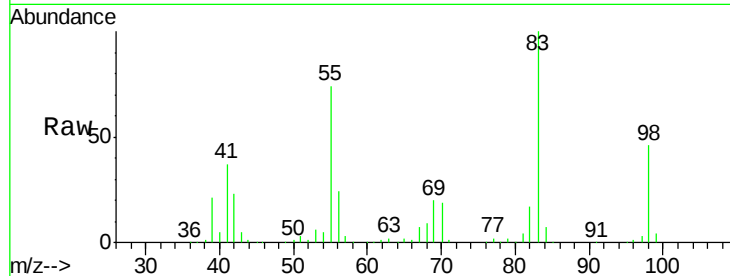
#39
Methvlcvclohexane
Concen: 46.433 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN056181.D
Acq: 10 Jun 2019 19:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.9	59.3	88.9
98	46.4	36.6	54.8

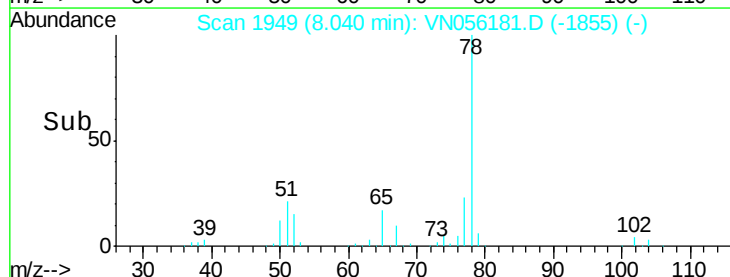
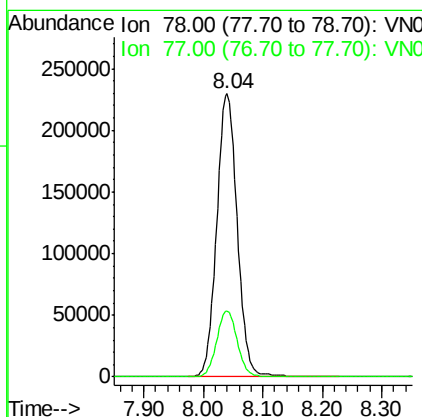
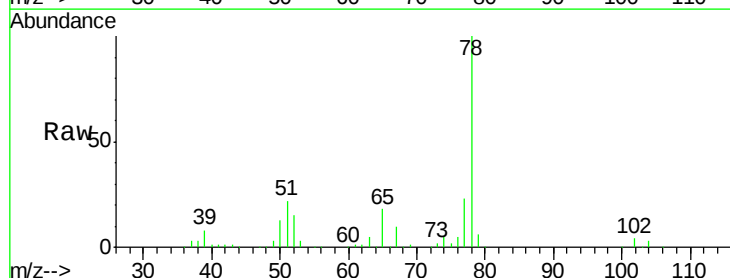
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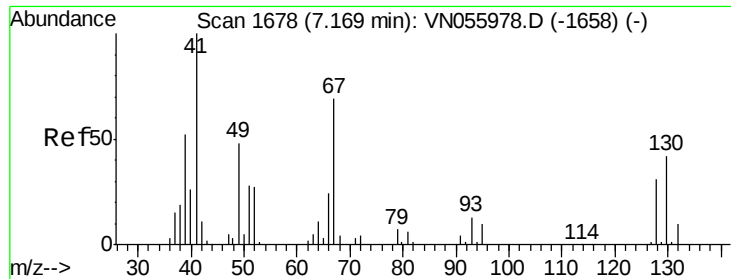
MMDadoda
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#40
Benzene
Concen: 51.231 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN056181.D
Acq: 10 Jun 2019 19:59

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.8	28.2





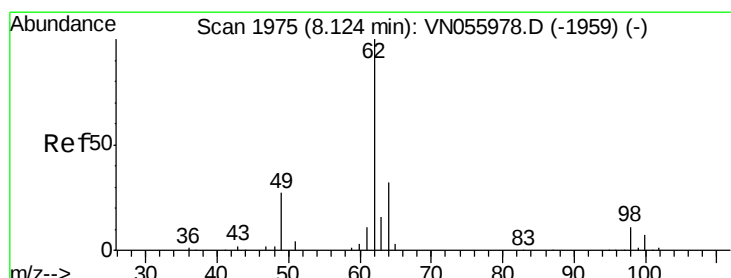
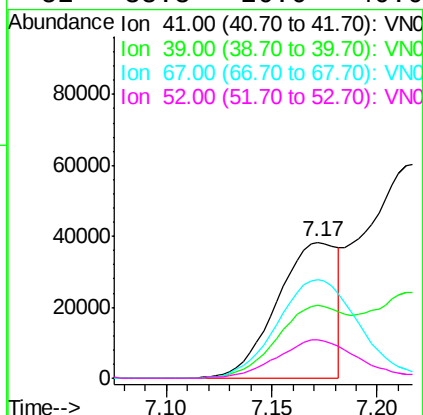
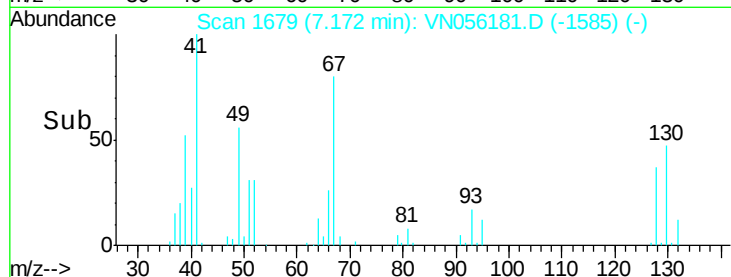
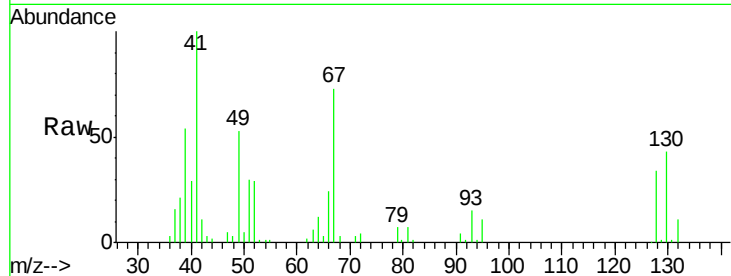
#41
Methacrylonitrile
Concen: 52.892 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VN056181.D
Acq: 10 Jun 2019 19:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	61.7	45.6	68.4	
67	98.9	67.7	101.5	
52	38.8	26.6	40.0	

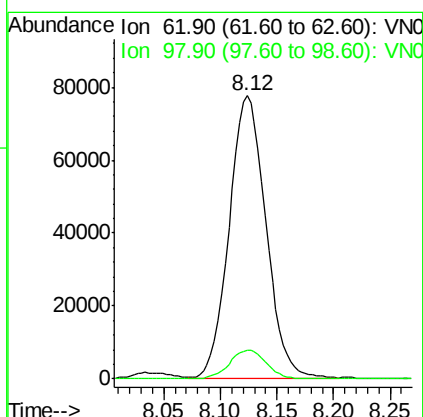
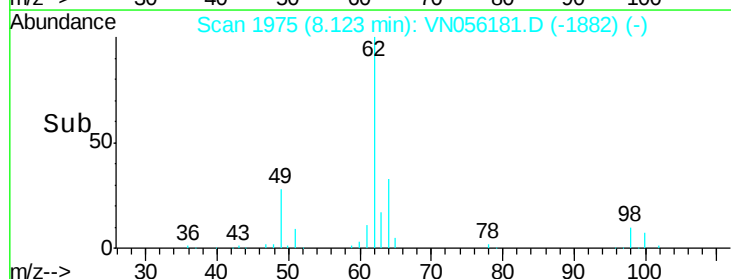
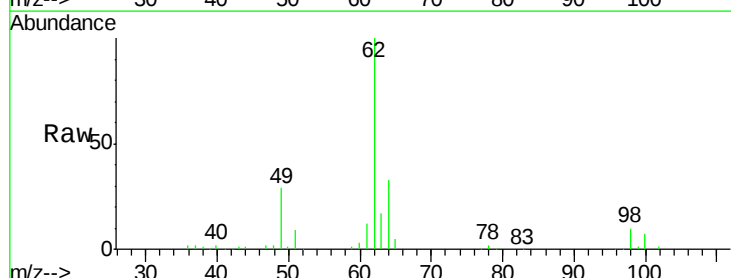
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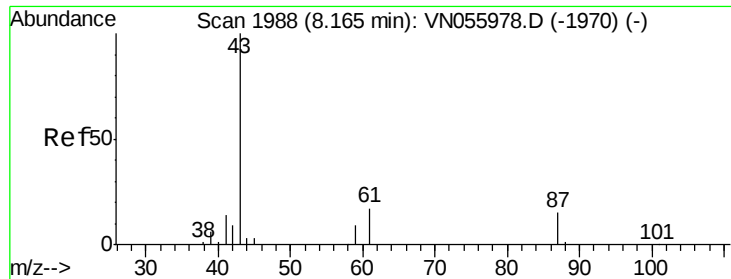
MMDadoda
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#42
1,2-Dichloroethane
Concen: 50.828 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN056181.D
Acq: 10 Jun 2019 19:59

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.1	0.0	20.2	





#43

Isopropyl Acetate

Concen: 54.331 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VN056181.D

Acq: 10 Jun 2019 19:59

Instrument :

MSVOA_N

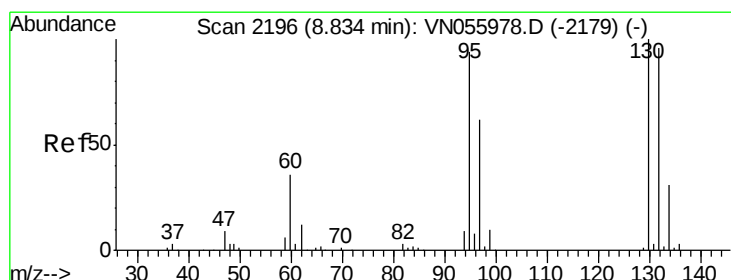
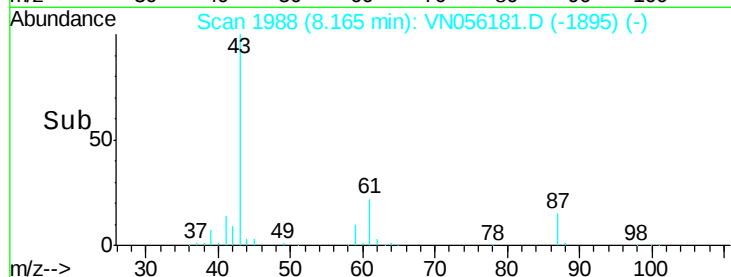
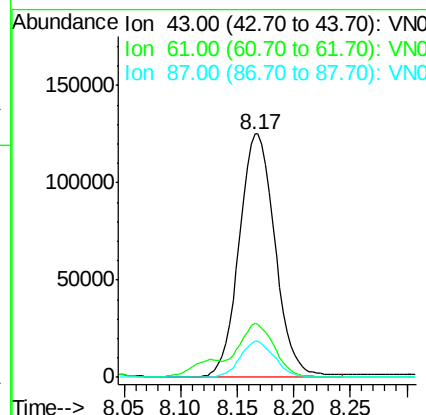
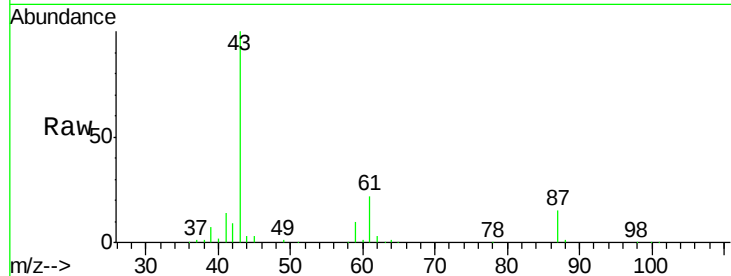
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	275845
Ion	Ratio	Lower	Upper
43	100		
61	22.1	22.2	33.4#
87	14.3	11.4	17.2

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#44

Trichloroethene

Concen: 50.407 ug/l

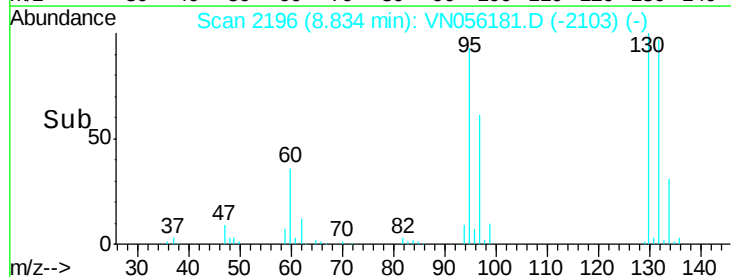
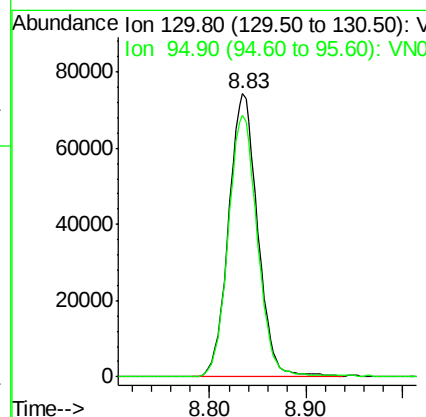
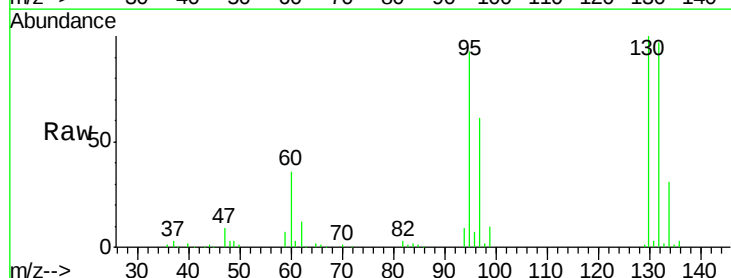
RT: 8.83 min Scan# 2196

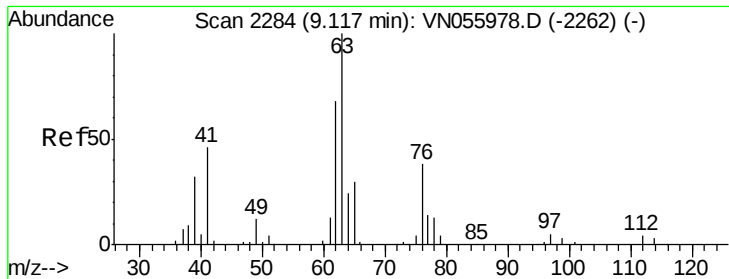
Delta R.T. -0.00 min

Lab File: VN056181.D

Acq: 10 Jun 2019 19:59

Tgt Ion:	130	Resp:	154911
Ion	Ratio	Lower	Upper
130	100		
95	92.6	0.0	188.0





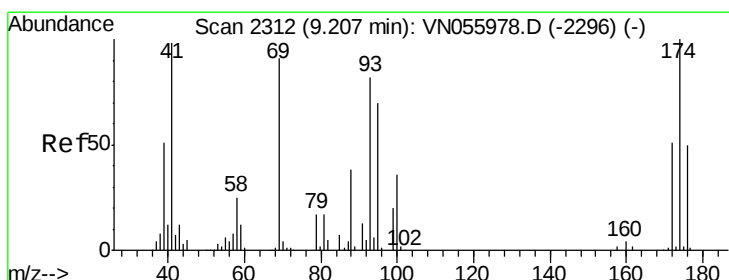
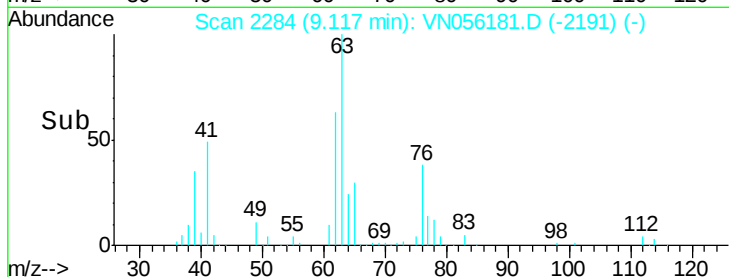
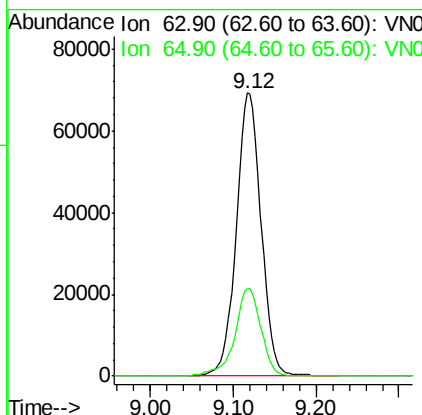
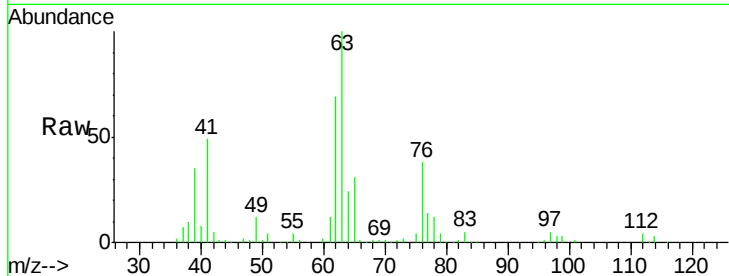
#45
 1,2-Dichloropropane
 Concen: 52.863 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN056181.D
 Acq: 10 Jun 2019 19:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 144814
 Ion Ratio Lower Upper
 63 100
 65 31.1 24.6 36.8

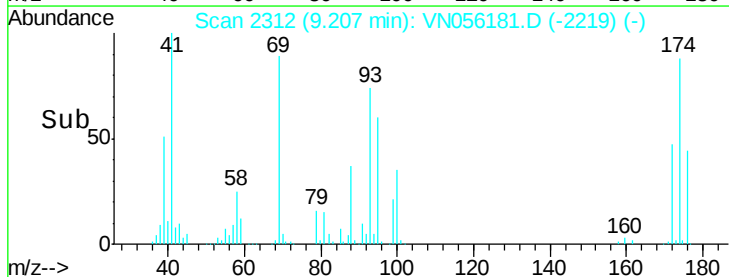
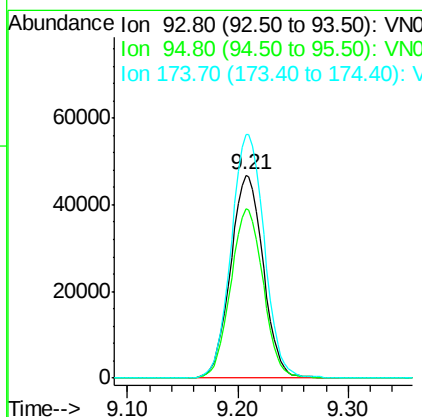
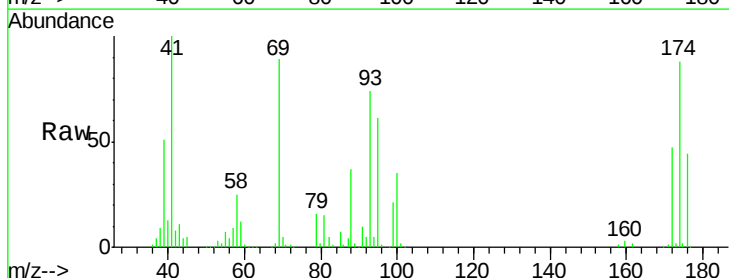
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#46
 Dibromomethane
 Concen: 53.737 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN056181.D
 Acq: 10 Jun 2019 19:59

Tgt Ion: 93 Resp: 96264
 Ion Ratio Lower Upper
 93 100
 95 82.9 66.7 100.1
 174 121.5 96.4 144.6





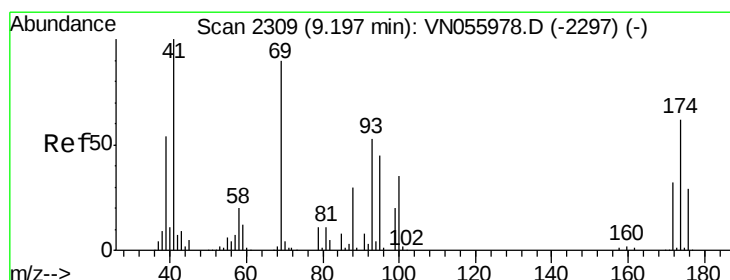
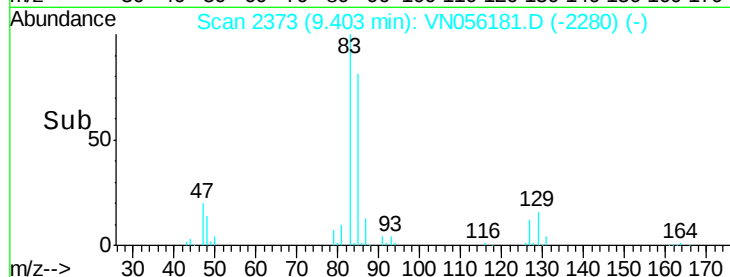
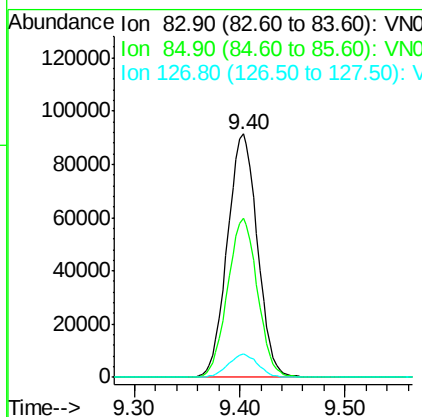
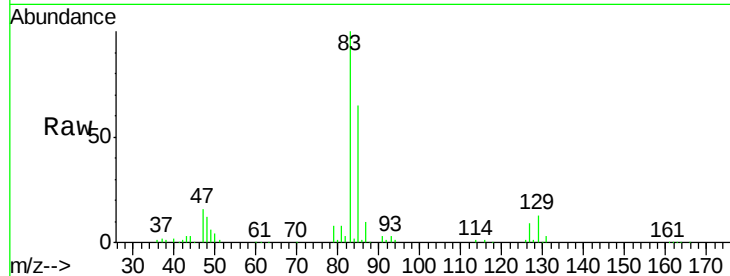
#47
Bromodichloromethane
Concen: 55.585 ug/l
RT: 9.40 min Scan# 2373
Delta R.T. -0.00 min
Lab File: VN056181.D
Acq: 10 Jun 2019 19:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
85	65.2	52.2	78.2
127	9.4	7.4	11.0

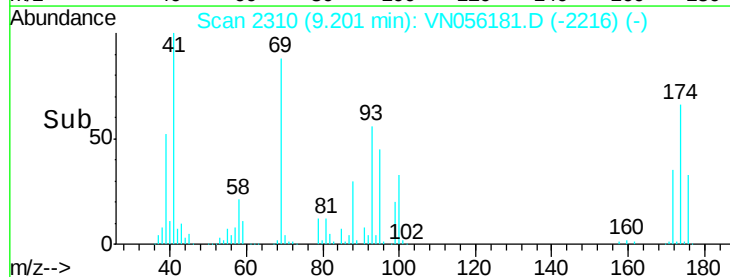
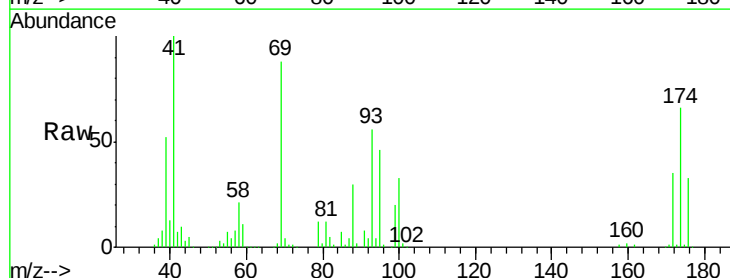
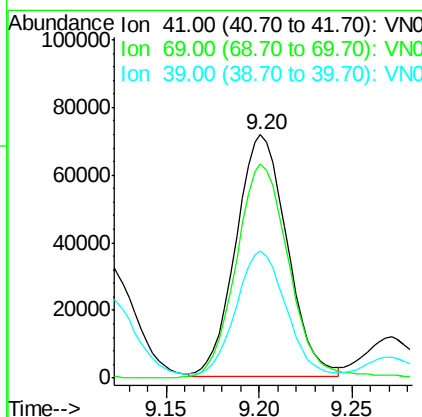
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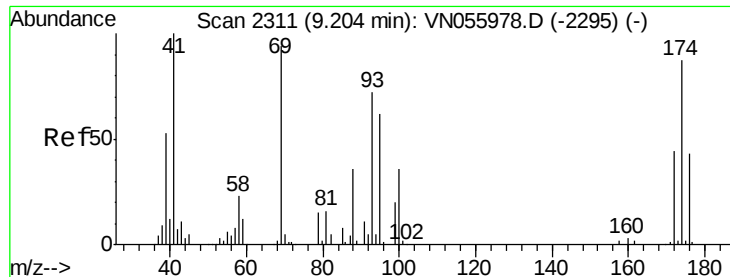
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#48
Methyl methacrylate
Concen: 55.379 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN056181.D
Acq: 10 Jun 2019 19:59

Tgt Ion	Ratio	Lower	Upper
41	100		
69	92.1	71.0	106.6
39	52.1	44.2	66.2





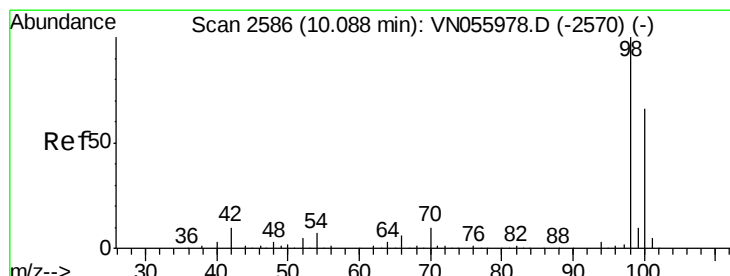
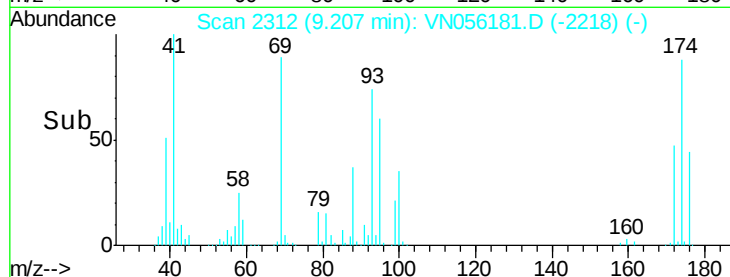
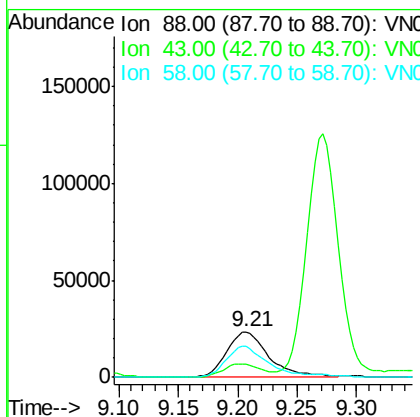
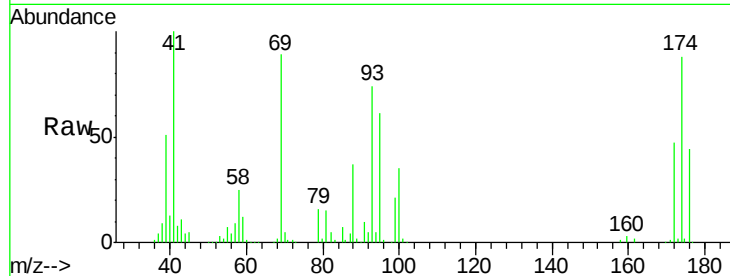
#49
1,4-Dioxane
Concen: 1085.942 ug/l
RT: 9.21 min Scan# 2312
Delta R.T. 0.00 min
Lab File: VN056181.D
Acq: 10 Jun 2019 19:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	25.8	20.5	30.7
58	65.6	55.8	83.6

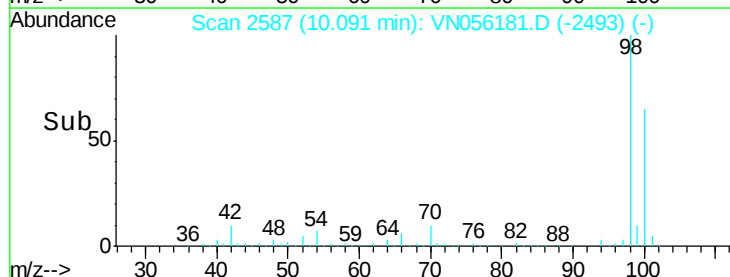
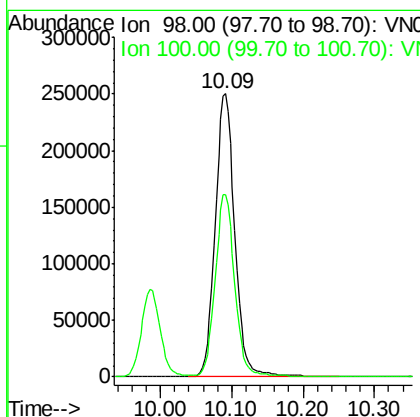
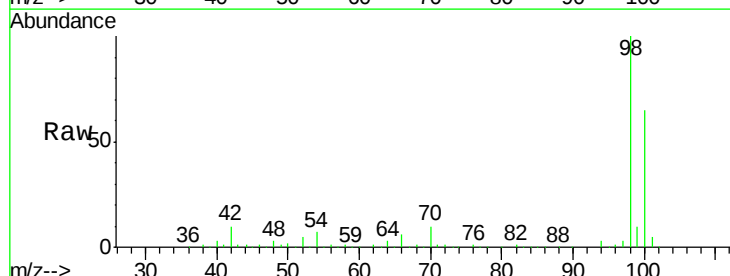
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#50
Toluene-d8
Concen: 49.223 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN056181.D
Acq: 10 Jun 2019 19:59

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.8	51.9	77.9





#51

4-Methyl-2-Pentanone

Concen: 282.864 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN056181.D

Acq: 10 Jun 2019 19:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 898080

Ion Ratio Lower Upper

43 100

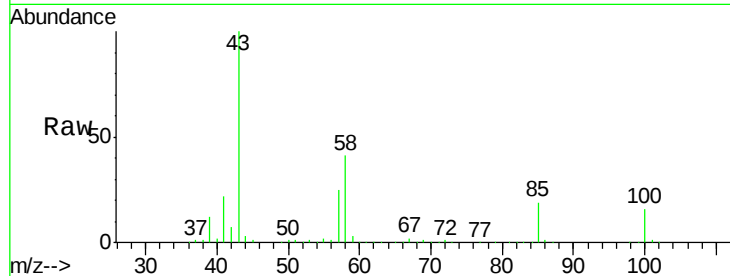
58 40.1 32.1 48.1

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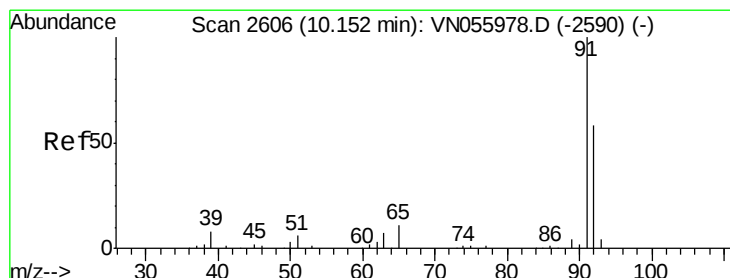
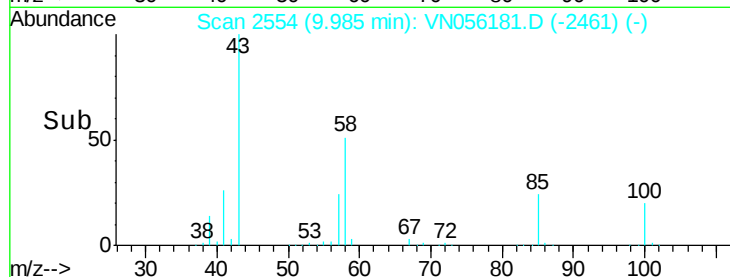
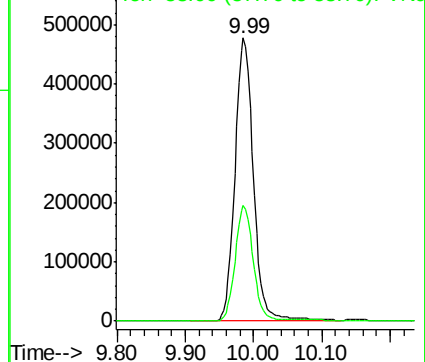
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 51.488 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN056181.D

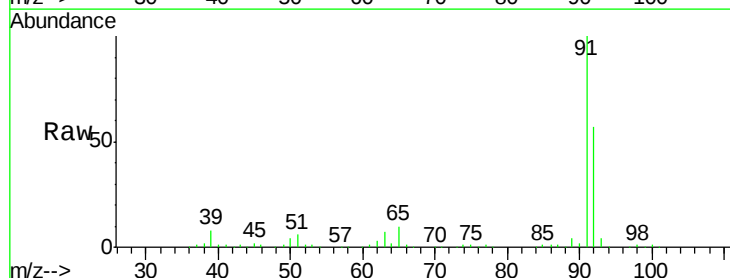
Acq: 10 Jun 2019 19:59

Tgt Ion: 92 Resp: 342654

Ion Ratio Lower Upper

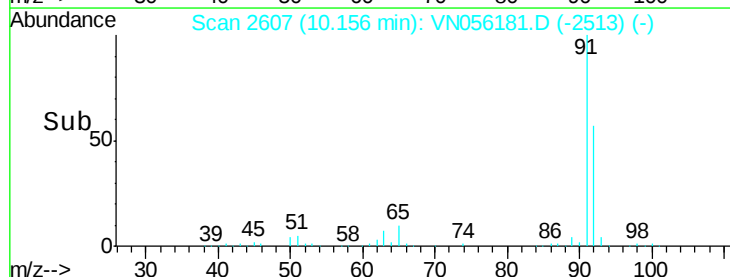
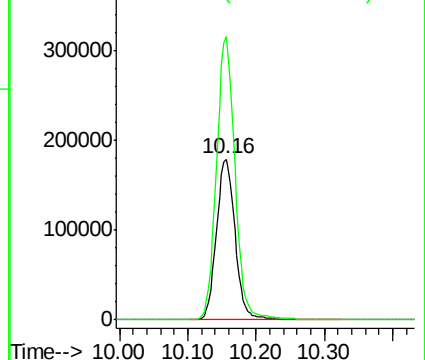
92 100

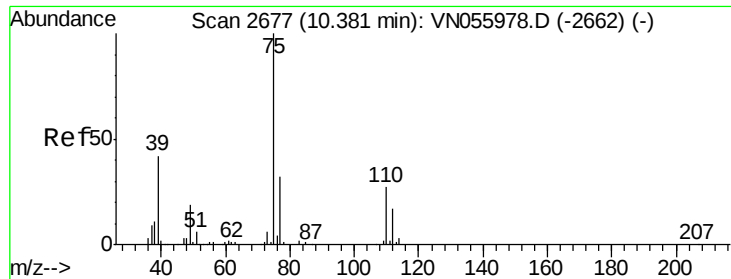
91 174.2 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





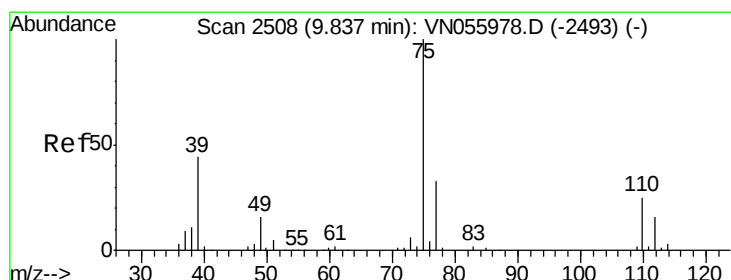
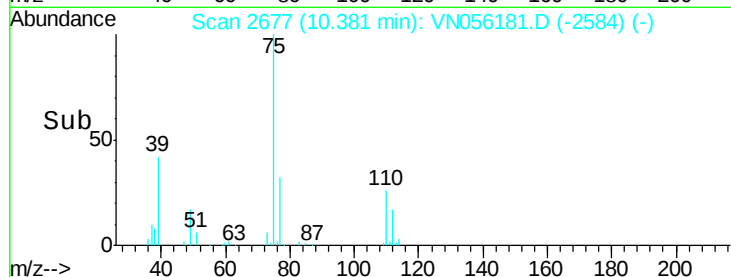
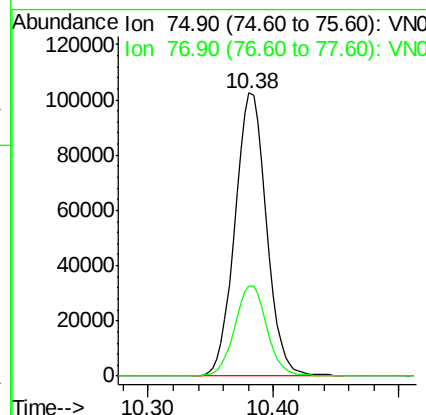
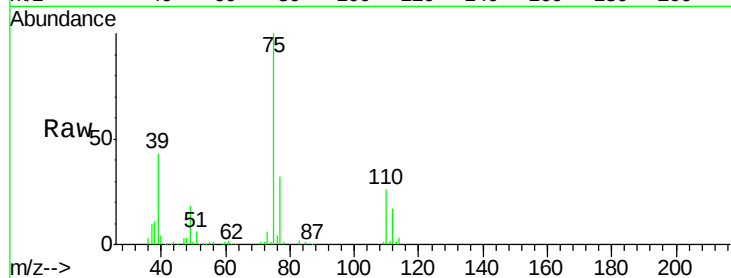
#53
 t-1,3-Dichloropropene
 Concen: 47.302 ug/l
 RT: 10.38 min Scan# 2677
 Delta R.T. 0.00 min
 Lab File: VN056181.D
 Acq: 10 Jun 2019 19:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 75 Resp: 179538
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.8 38.6

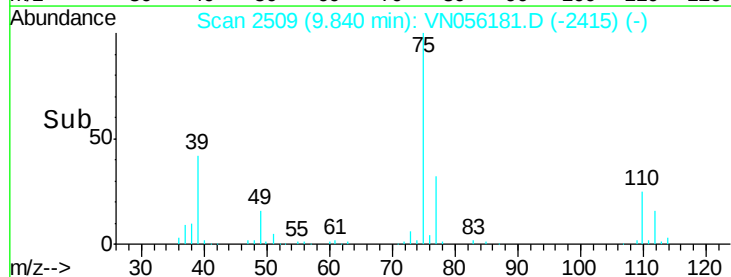
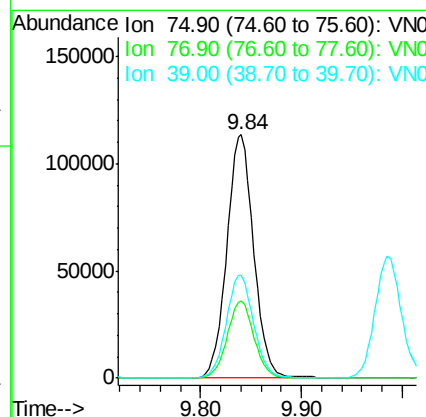
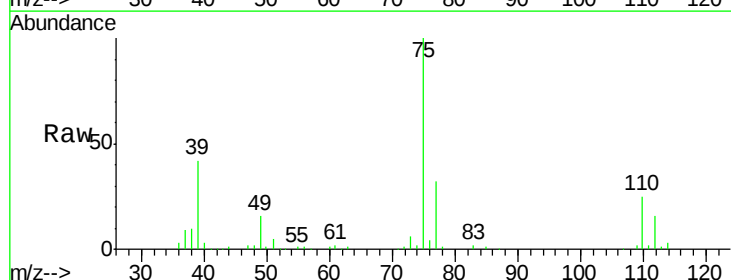
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#54
 cis-1,3-Dichloropropene
 Concen: 54.090 ug/l
 RT: 9.84 min Scan# 2509
 Delta R.T. 0.00 min
 Lab File: VN056181.D
 Acq: 10 Jun 2019 19:59

Tgt Ion: 75 Resp: 211093
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.4 38.0
 39 42.2 36.3 54.5





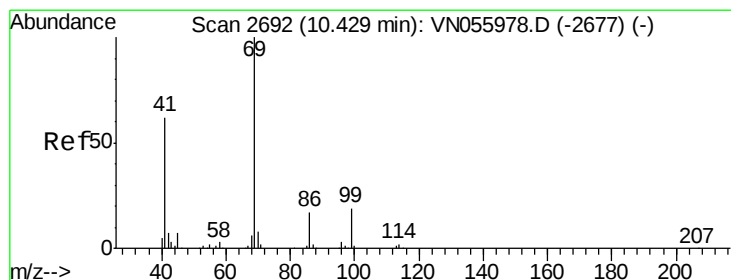
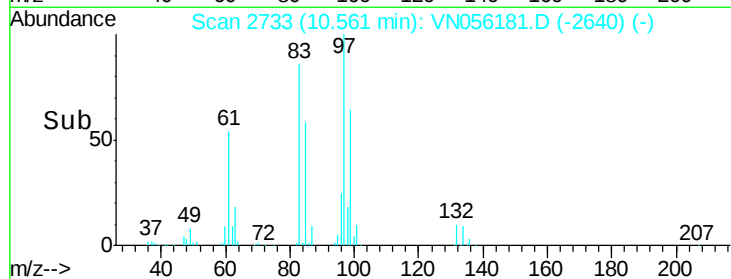
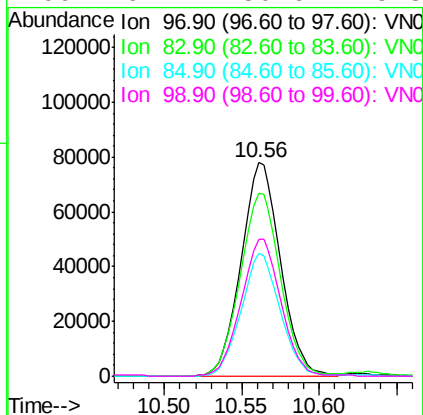
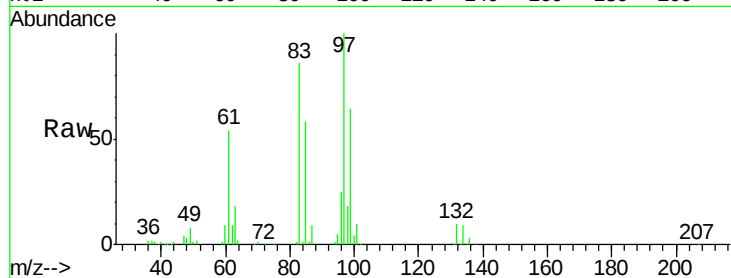
#55
 1,1,2-Trichloroethane
 Concen: 52.459 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. -0.00 min
 Lab File: VN056181.D
 Acq: 10 Jun 2019 19:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	138290
Ion	Ratio	Lower	Upper
97	100		
83	85.9	67.0	100.6
85	57.8	44.0	66.0
99	64.4	50.6	75.8

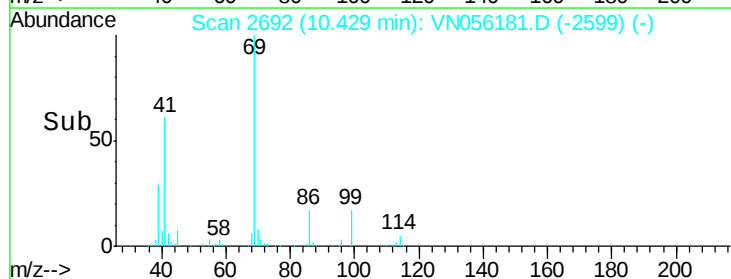
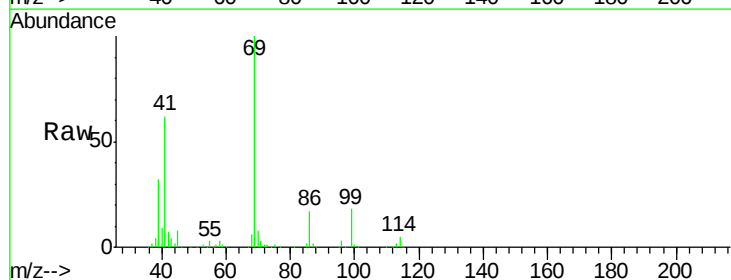
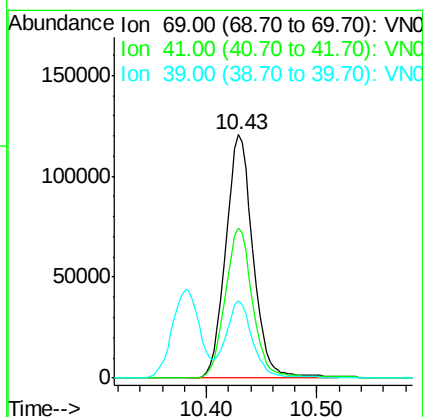
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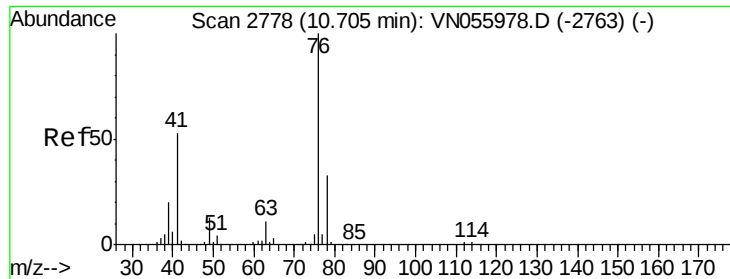
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#56
 Ethyl methacrylate
 Concen: 53.992 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. -0.00 min
 Lab File: VN056181.D
 Acq: 10 Jun 2019 19:59

Tgt Ion:	69	Resp:	207649
Ion	Ratio	Lower	Upper
69	100		
41	61.0	49.7	74.5
39	30.4	24.7	37.1





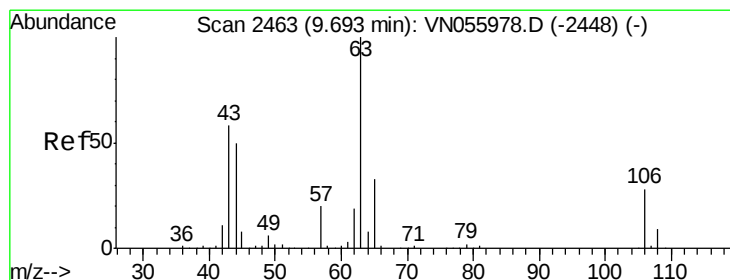
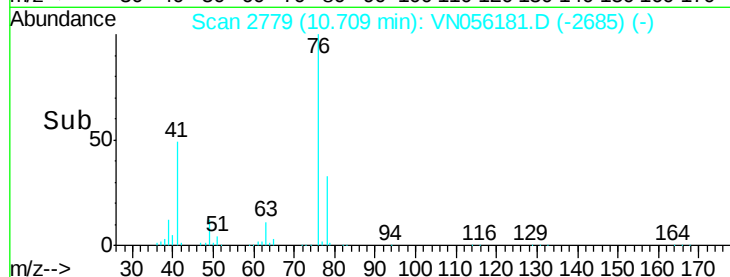
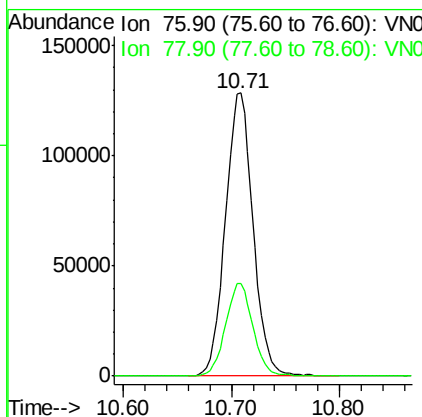
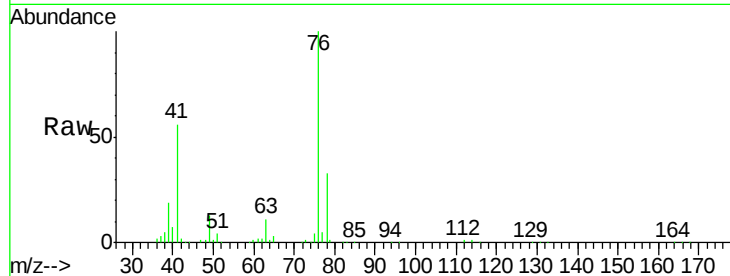
#57
 1,3-Dichloropropane
 Concen: 53.577 ug/l
 RT: 10.71 min Scan# 2779
 Delta R.T. 0.00 min
 Lab File: VN056181.D
 Acq: 10 Jun 2019 19:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 229604
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.8 38.6

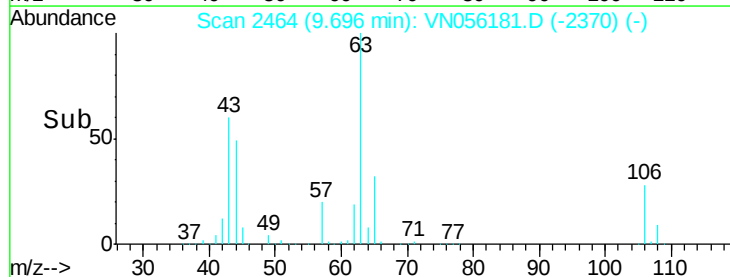
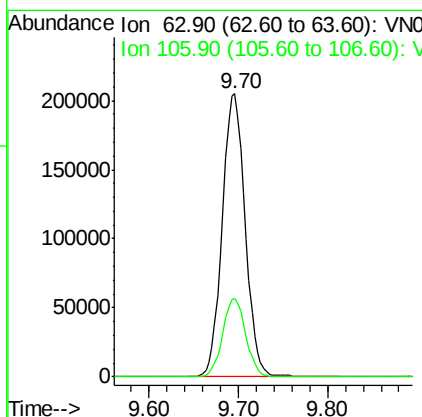
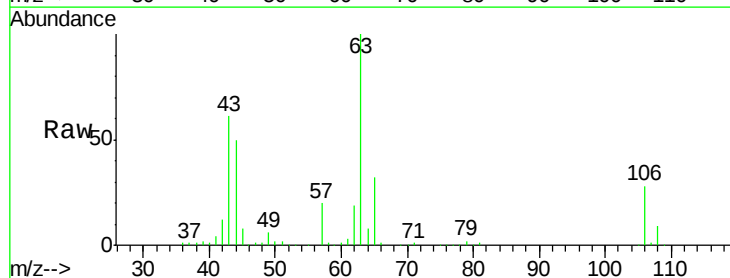
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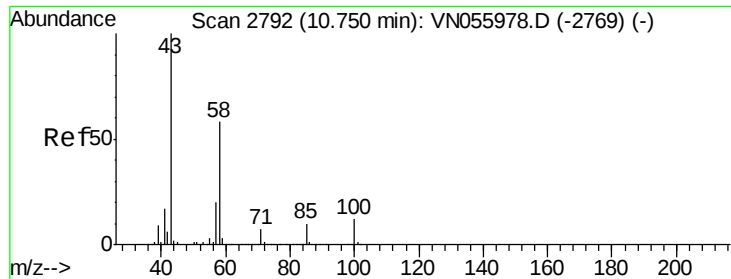
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#58
 2-Chloroethyl Vinyl ether
 Concen: 240.316 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN056181.D
 Acq: 10 Jun 2019 19:59

Tgt Ion: 63 Resp: 365509
 Ion Ratio Lower Upper
 63 100
 106 27.8 22.7 34.1





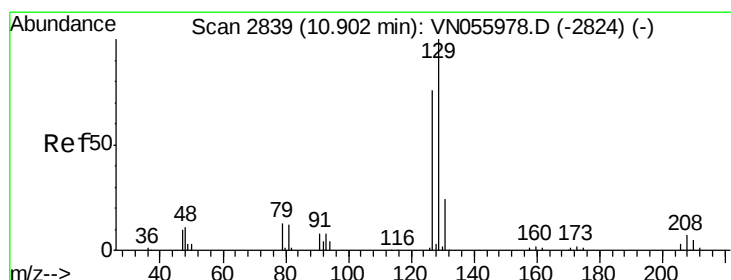
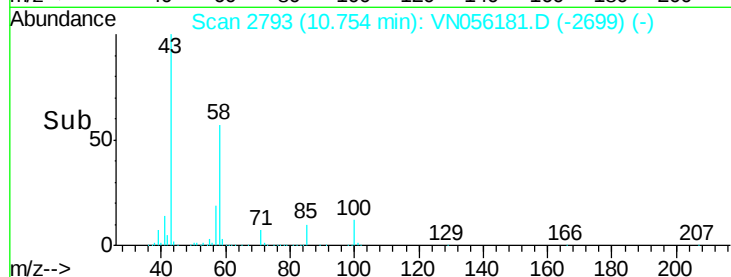
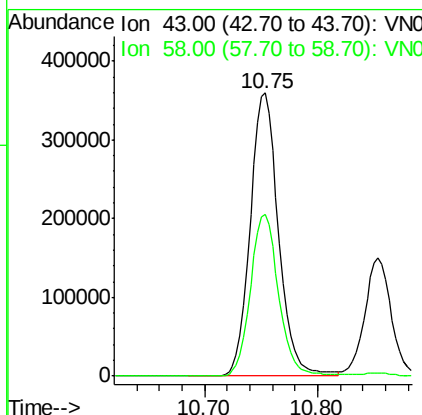
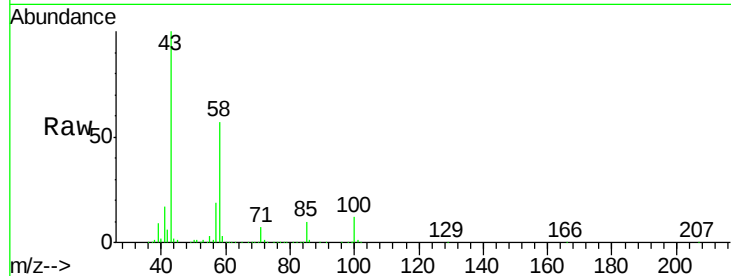
#59
2-Hexanone
Concen: 271.917 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN056181.D
Acq: 10 Jun 2019 19:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 625718
Ion Ratio Lower Upper
43 100
58 57.0 28.2 84.7

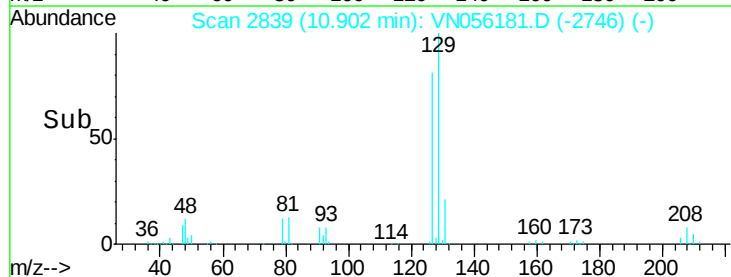
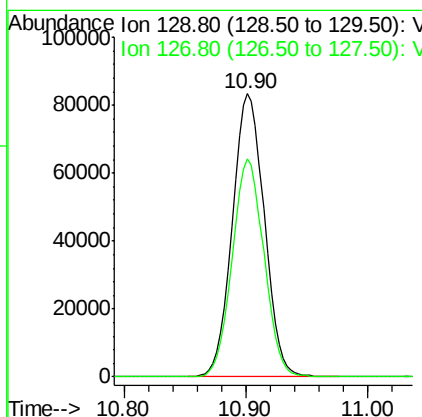
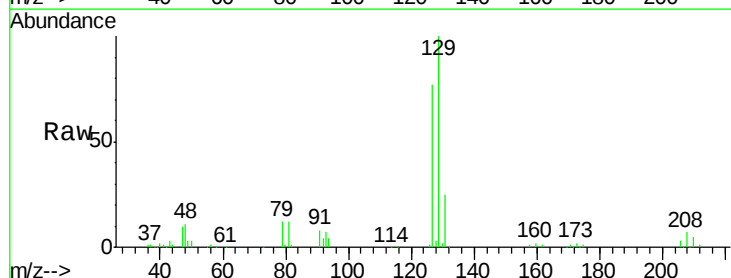
Manual Integrations
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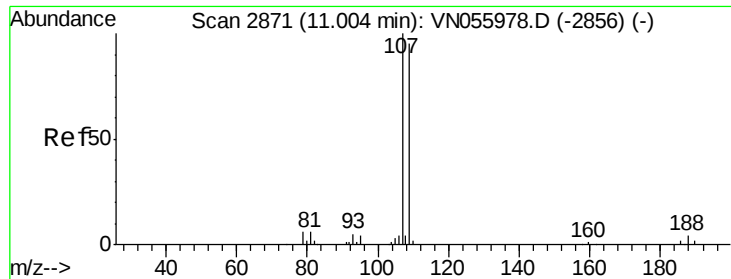
MMDadoda
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#60
Dibromochloromethane
Concen: 52.051 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN056181.D
Acq: 10 Jun 2019 19:59

Tgt Ion: 129 Resp: 151644
Ion Ratio Lower Upper
129 100
127 76.4 38.1 114.3





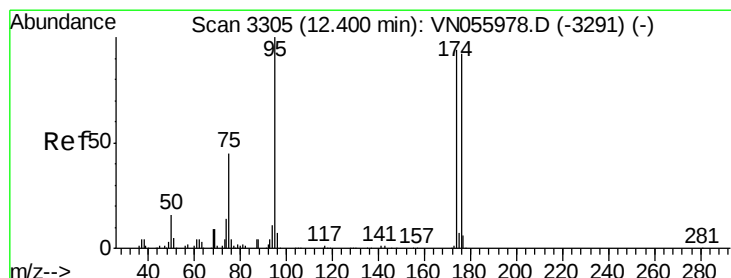
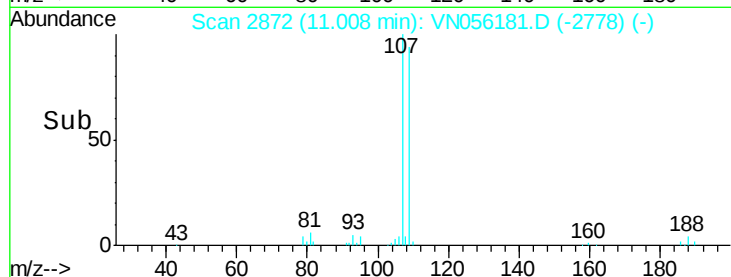
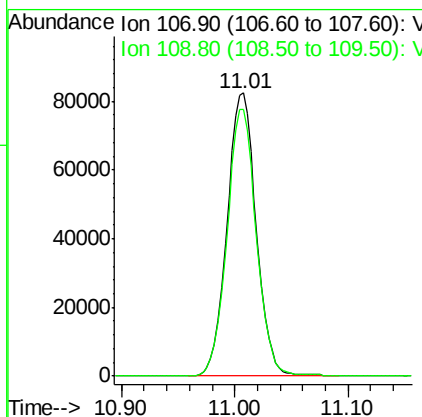
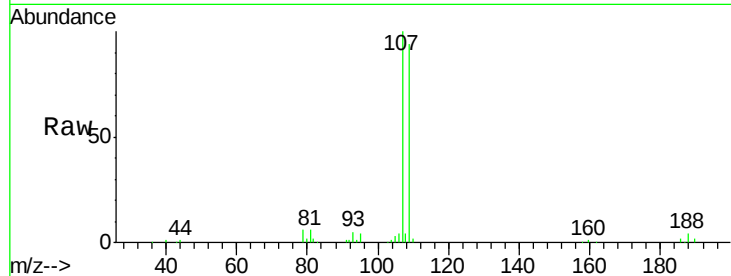
#61
 1,2-Dibromoethane
 Concen: 54.705 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: VN056181.D
 Acq: 10 Jun 2019 19:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 107 Resp: 147429
 Ion Ratio Lower Upper
 107 100
 109 95.0 74.8 112.2

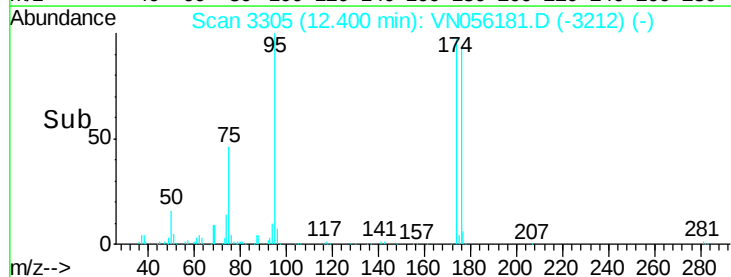
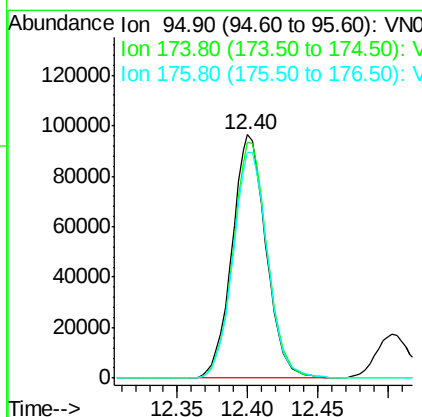
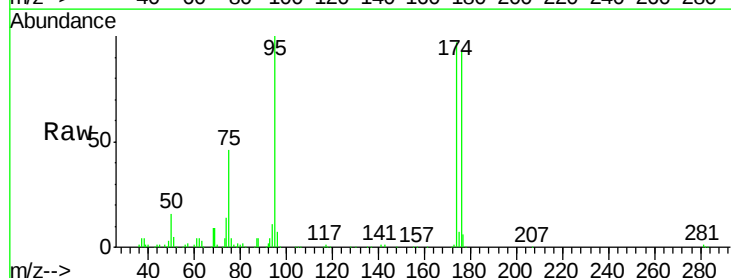
Manual Integrations
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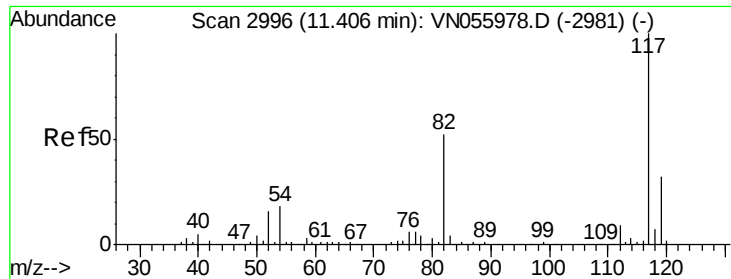
MMDadoda
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#62
 4-Bromofluorobenzene
 Concen: 49.469 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN056181.D
 Acq: 10 Jun 2019 19:59

Tgt Ion: 95 Resp: 162650
 Ion Ratio Lower Upper
 95 100
 174 97.6 0.0 191.0
 176 94.3 0.0 185.2





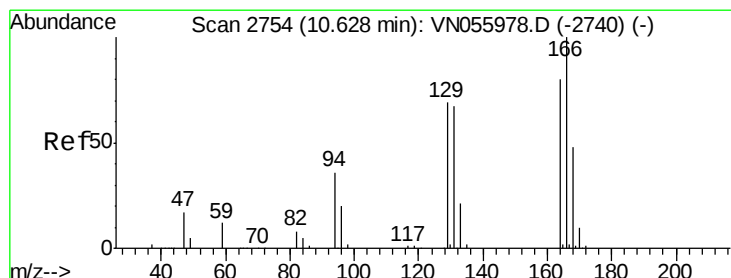
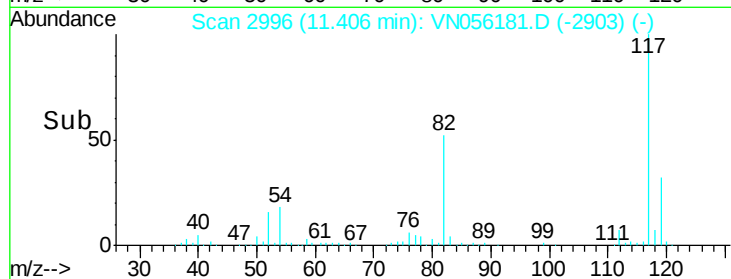
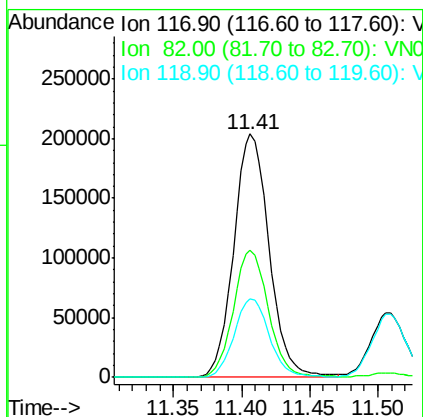
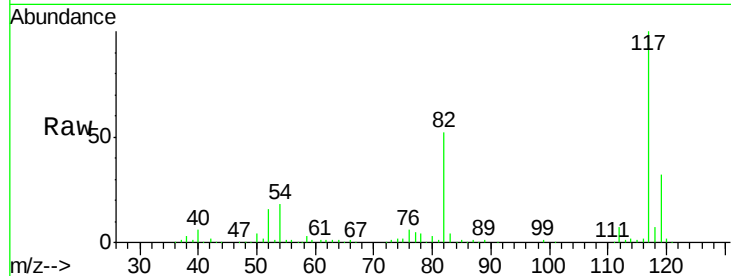
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN056181.D
Acq: 10 Jun 2019 19:59

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.4	41.8	62.8
119	32.1	25.4	38.0

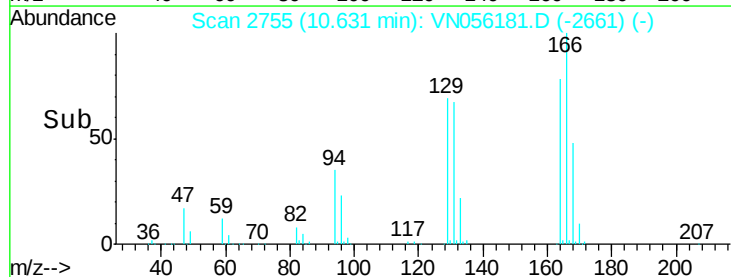
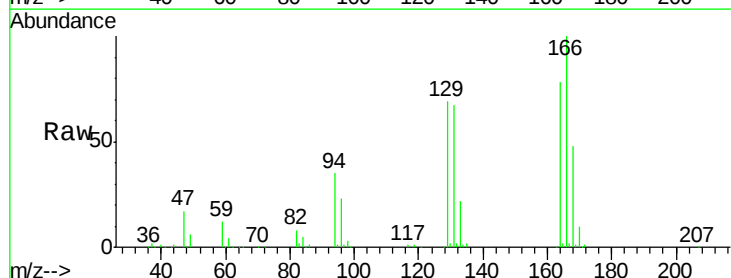
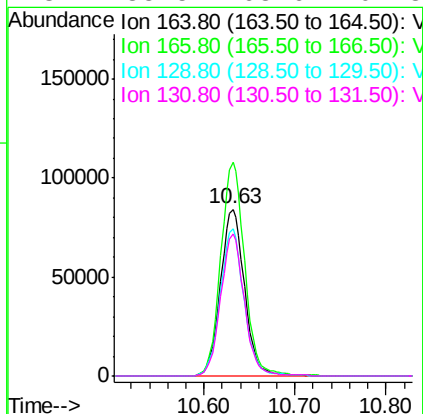
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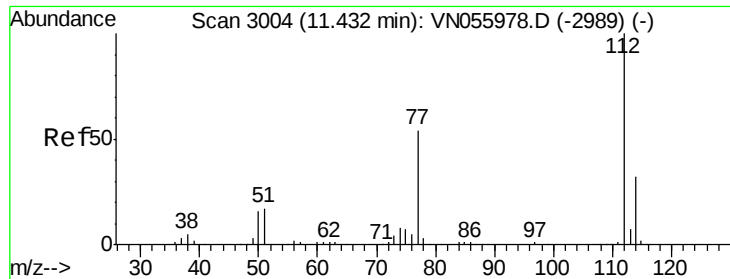
MMDadoda
6/11/2019 11:59:54 AM



#64
Tetrachloroethene
Concen: 48.633 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN056181.D
Acq: 10 Jun 2019 19:59

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.3	103.0	154.6
129	88.1	70.6	105.8
131	85.5	68.6	102.8





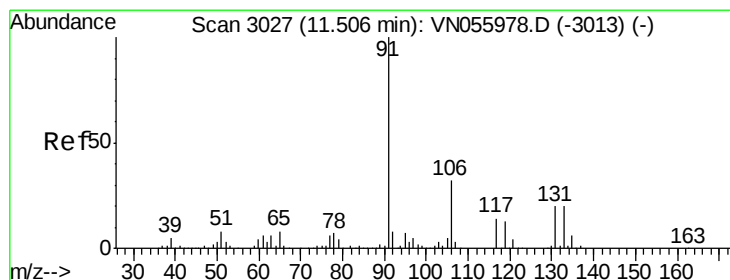
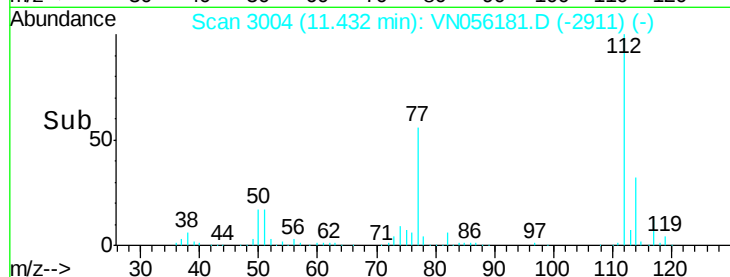
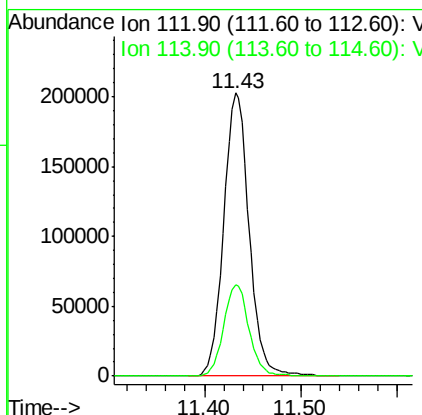
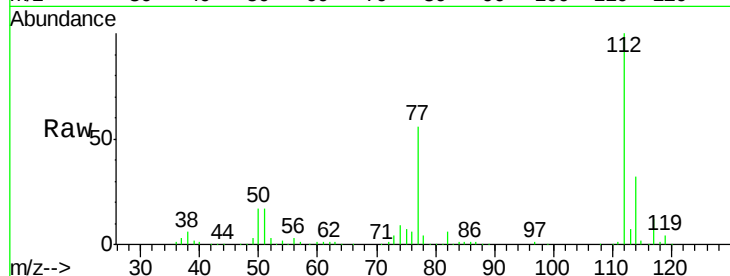
#65
Chlorobenzene
Concen: 50.473 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN056181.D
Acq: 10 Jun 2019 19:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 369689
Ion Ratio Lower Upper
112 100
114 32.3 26.2 39.4

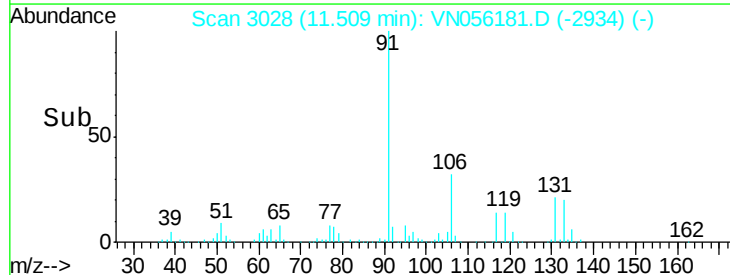
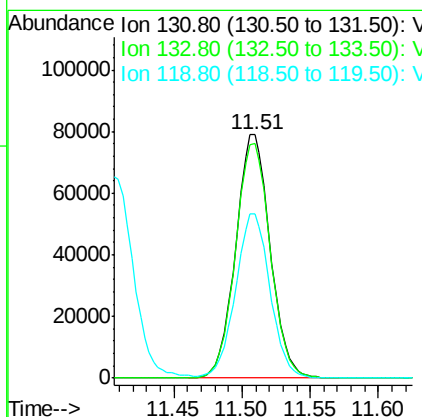
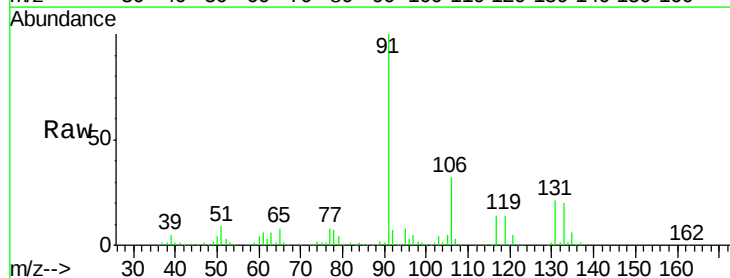
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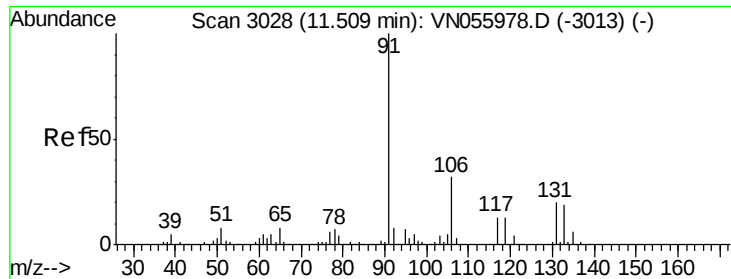
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#66
1,1,1,2-Tetrachloroethane
Concen: 54.683 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN056181.D
Acq: 10 Jun 2019 19:59

Tgt Ion:131 Resp: 138296
Ion Ratio Lower Upper
131 100
133 97.5 48.0 144.0
119 67.7 33.1 99.5





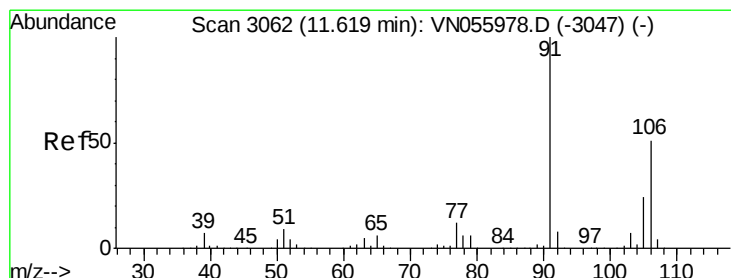
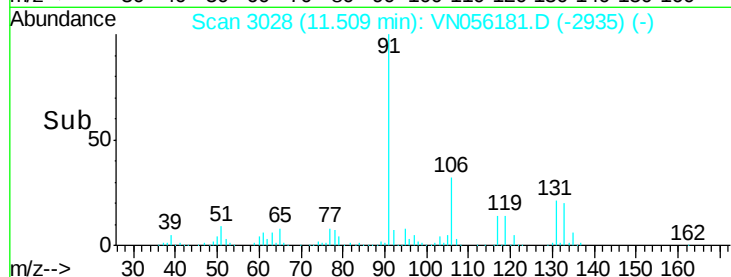
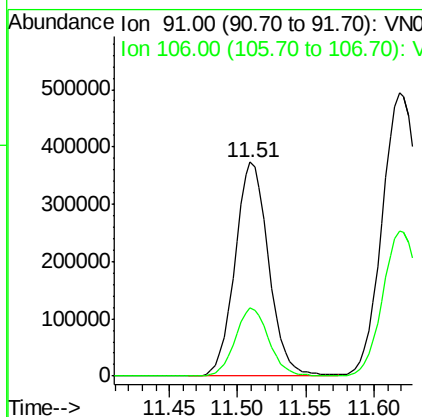
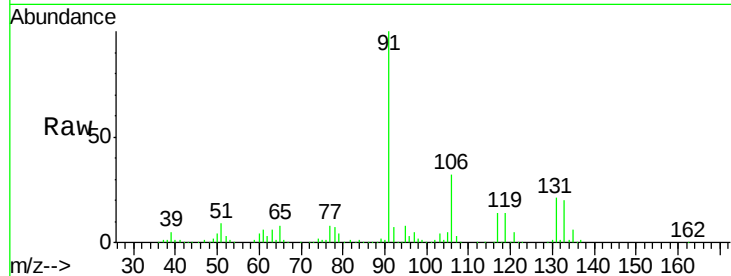
#67
Ethyl Benzene
Concen: 50.315 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN056181.D
Acq: 10 Jun 2019 19:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 640810
Ion Ratio Lower Upper
91 100
106 31.7 25.1 37.7

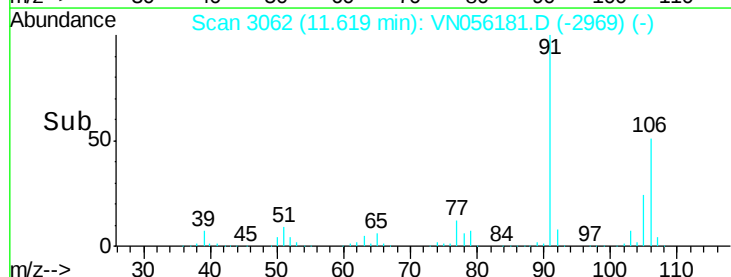
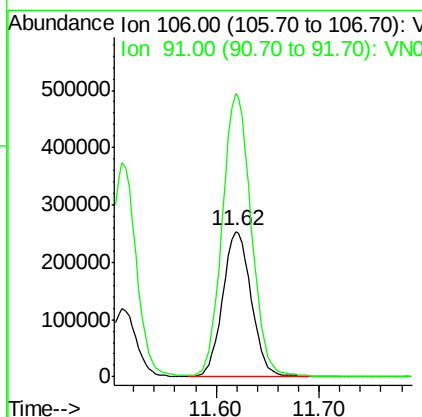
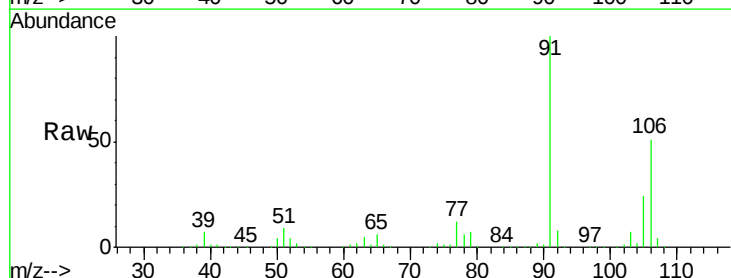
Manual Integrations
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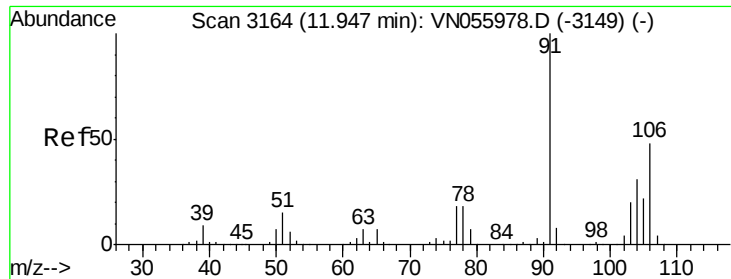
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6/11/2019 11:59:54 AM



#68
m/p-Xylenes
Concen: 101.146 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN056181.D
Acq: 10 Jun 2019 19:59

Tgt Ion: 106 Resp: 492106
Ion Ratio Lower Upper
106 100
91 197.0 159.3 238.9





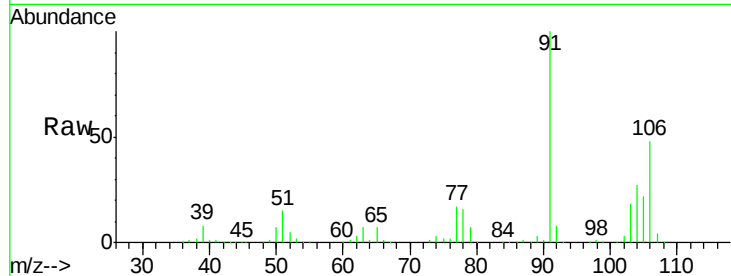
#69
o-Xylene
Concen: 50.230 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN056181.D
Acq: 10 Jun 2019 19:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

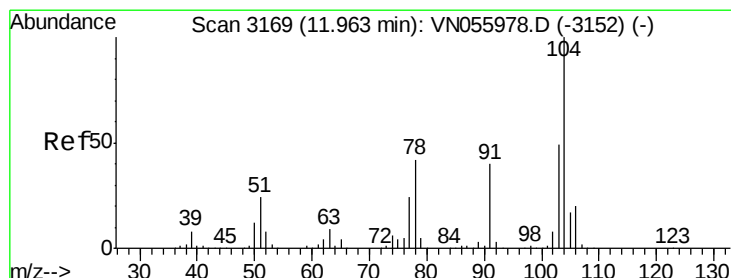
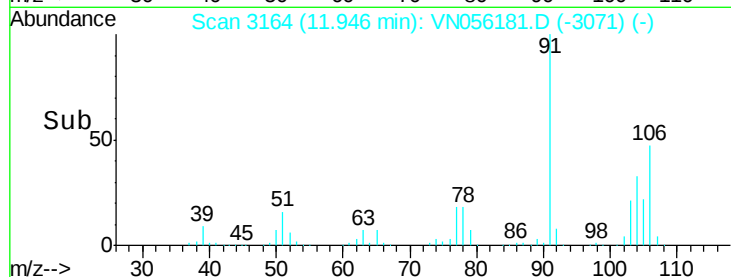
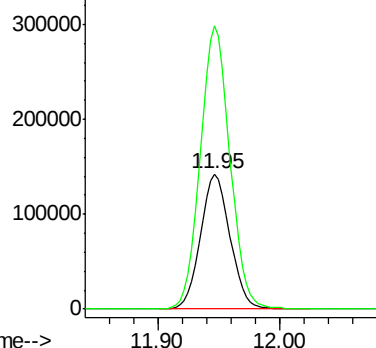
Tot Ion:106 Resp: 240390
Ion Ratio Lower Upper
106 100
91 210.1 104.7 314.1

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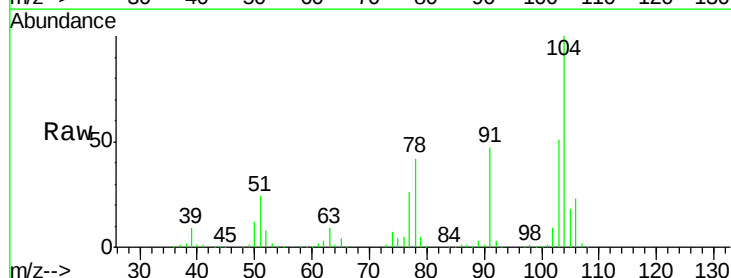


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

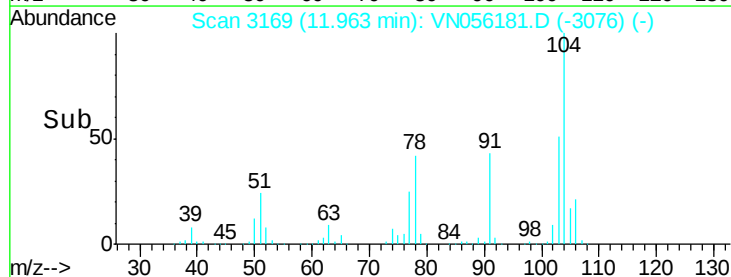
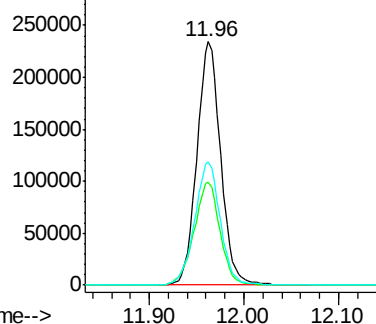


#70
Styrene
Concen: 53.521 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN056181.D
Acq: 10 Jun 2019 19:59

Tgt Ion:104 Resp: 406973
Ion Ratio Lower Upper
104 100
78 46.3 37.8 56.6
103 54.6 44.2 66.2



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V





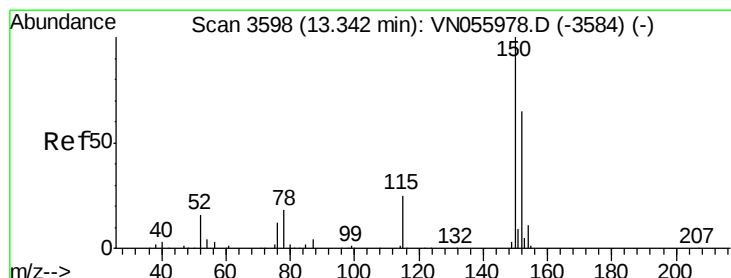
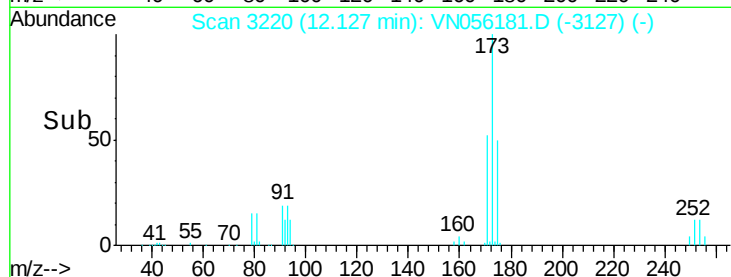
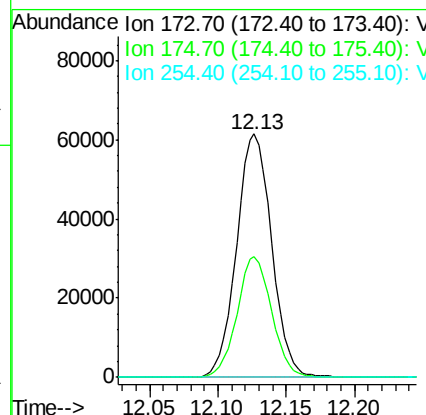
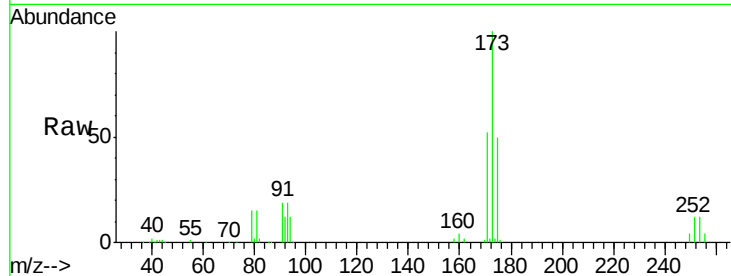
#71
Bromoform
Concen: 51.621 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN056181.D
Acq: 10 Jun 2019 19:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.7	24.3	72.8
254	0.0	0.0	0.0

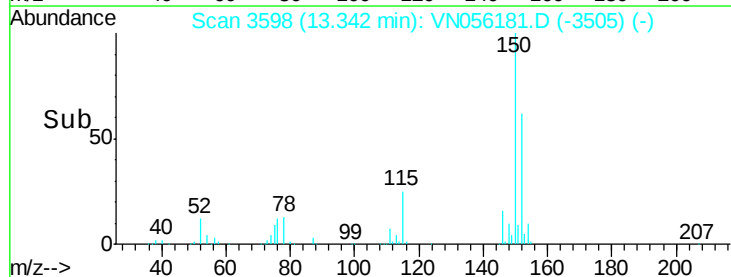
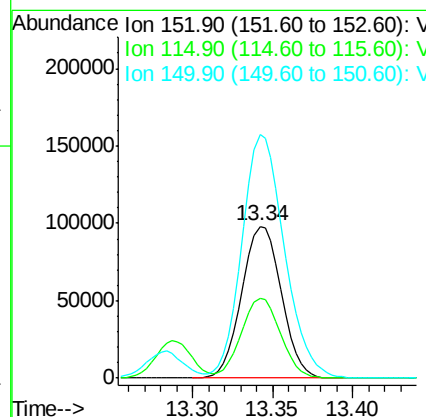
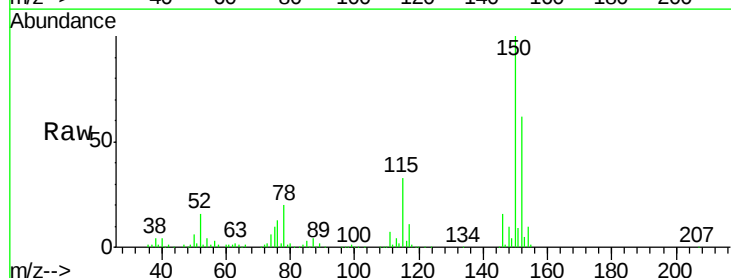
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN056181.D
Acq: 10 Jun 2019 19:59

Tgt Ion	Ratio	Lower	Upper
152	100		
115	52.0	27.0	81.0
150	172.4	0.0	343.2





#73

Isopropylbenzene

Concen: 53.439 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN056181.D

Acq: 10 Jun 2019 19:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 629996

Ion Ratio Lower Upper

105 100

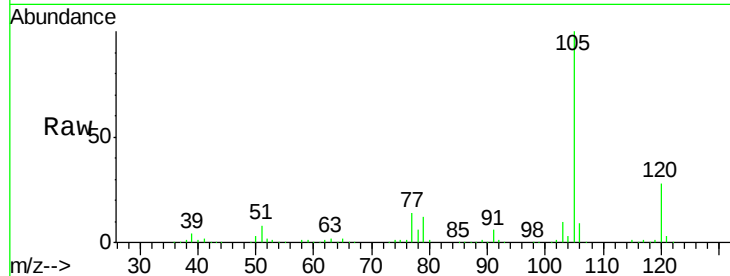
120 27.5 13.6 40.7

Manual Integrations

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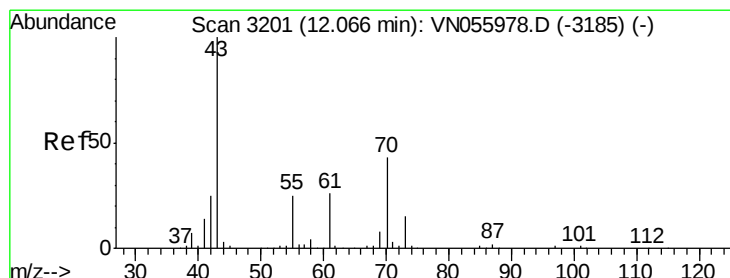
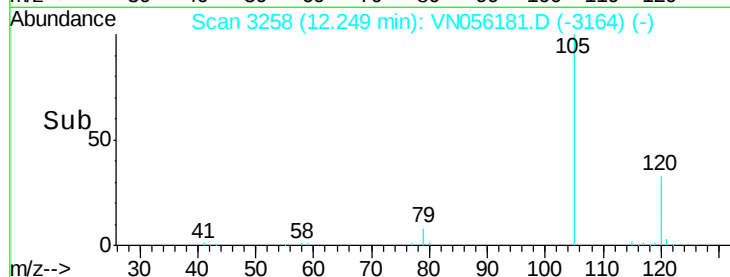
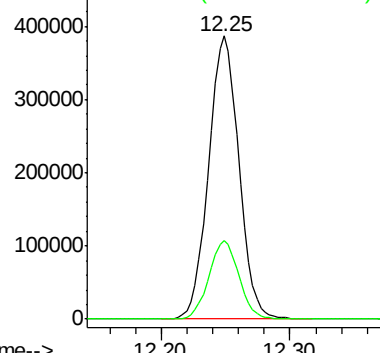
MMDadoda

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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: 51.195 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN056181.D

Acq: 10 Jun 2019 19:59

Tgt Ion: 43 Resp: 226413

Ion Ratio Lower Upper

43 100

70 43.5 34.0 51.0

55 25.6 18.6 28.0

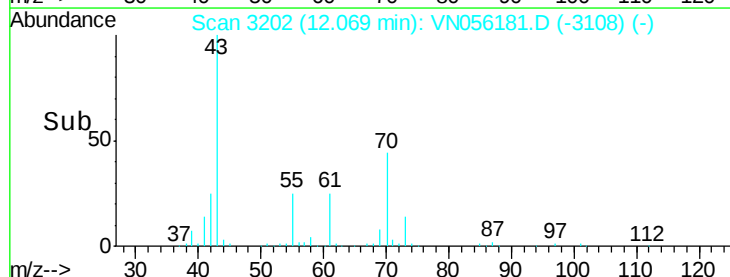
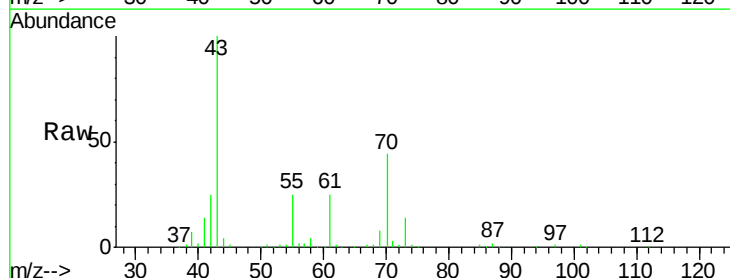
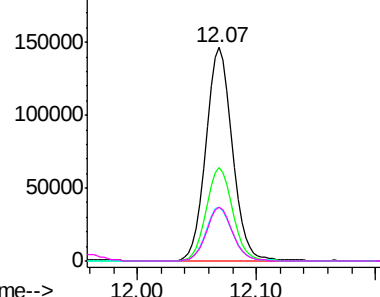
61 24.9 20.0 30.0

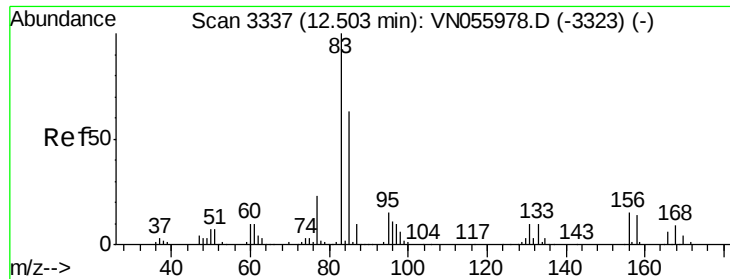
Abundance Ion 43.00 (42.70 to 43.70): V

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: 51.191 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN056181.D

Acq: 10 Jun 2019 19:59

Instrument :

MSVOA_N

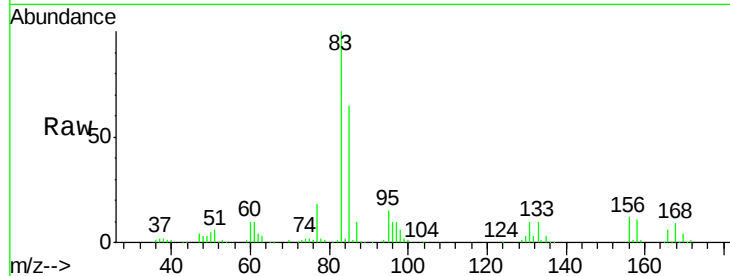
ClientSampleId :

VSTDCCC050EC

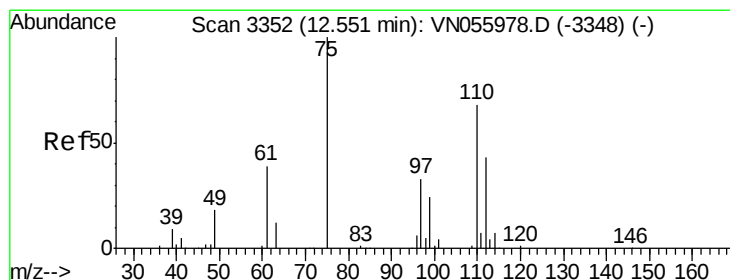
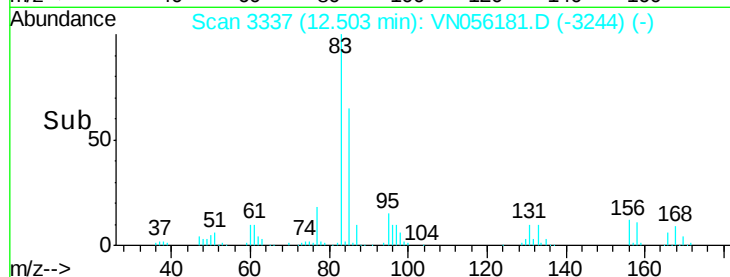
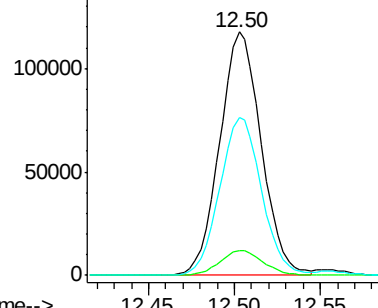
Tot Ion:	83	Resp:	197159
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.4	16.2
85	65.2	32.4	97.0

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Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 130.80 (130.50 to 131.50): VNO
Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 52.651 ug/l m

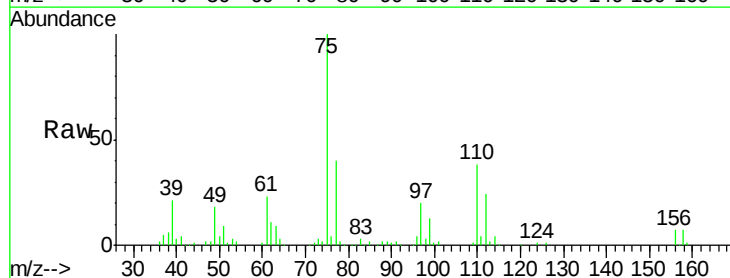
RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

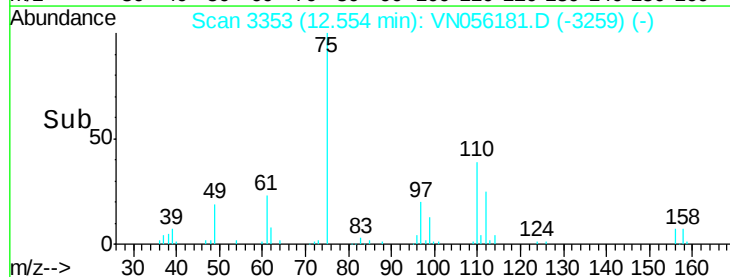
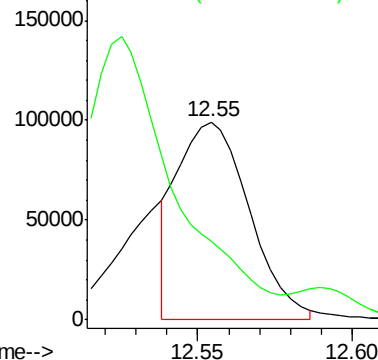
Lab File: VN056181.D

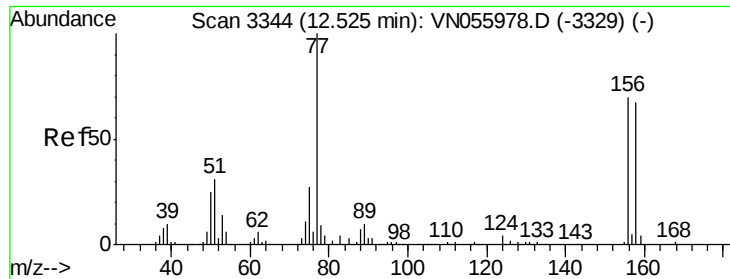
Acq: 10 Jun 2019 19:59

Tgt Ion:	75	Resp:	160732
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 48.778 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN056181.D

Acq: 10 Jun 2019 19:59

Instrument :

MSVOA_N

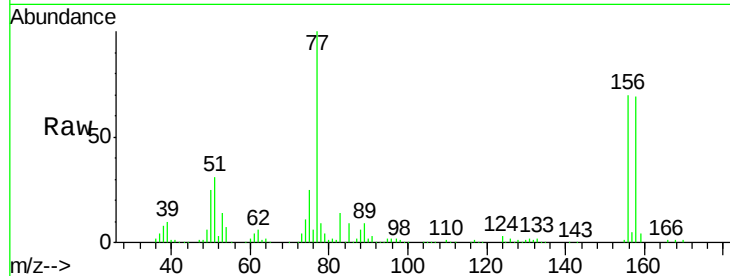
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	173263
Ion Ratio	Lower	Upper	
156	100		
77	173.3	90.8	272.5
158	97.7	49.3	147.8

Manual Integrations
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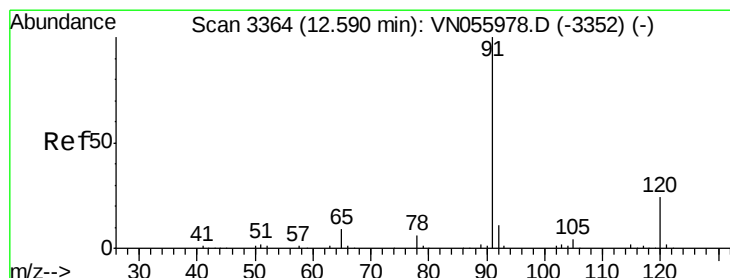
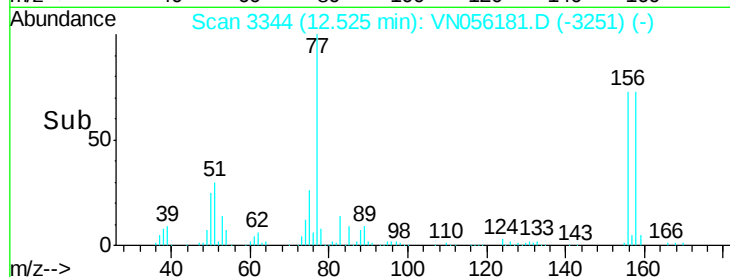
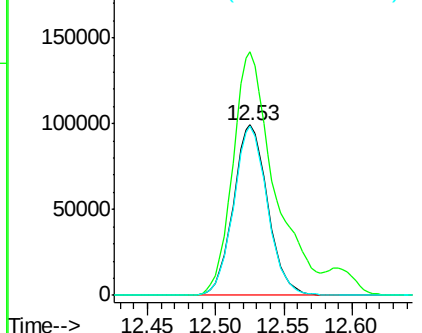
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.126 ug/l

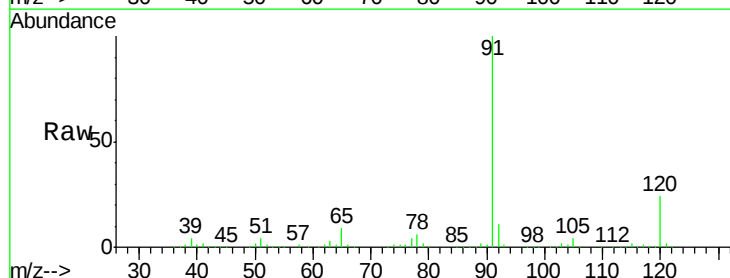
RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN056181.D

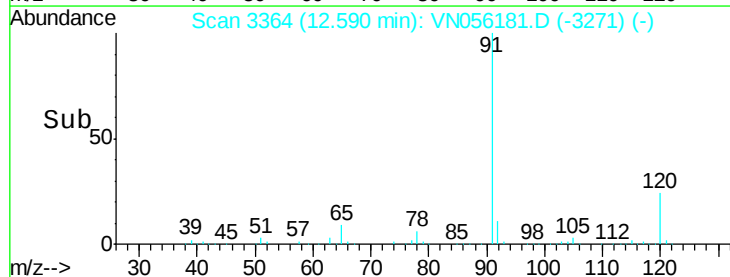
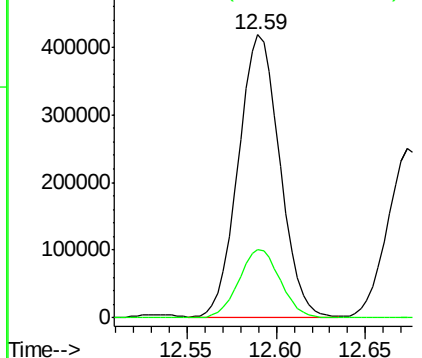
Acq: 10 Jun 2019 19:59

Tgt Ion:	91	Resp:	675489
Ion Ratio	Lower	Upper	
91	100		
120	24.3	12.0	36.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





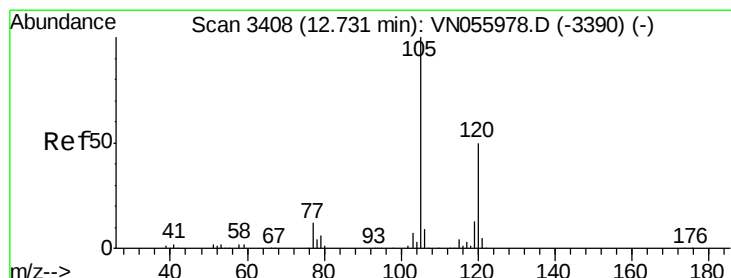
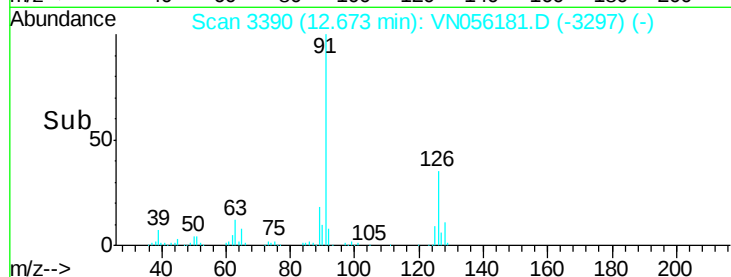
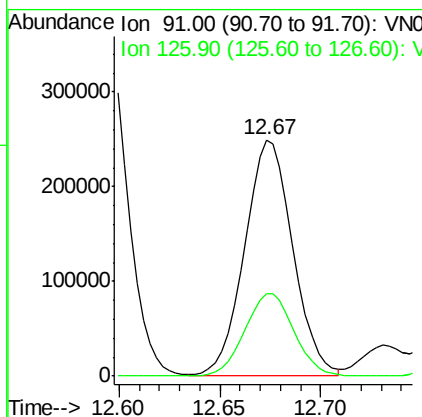
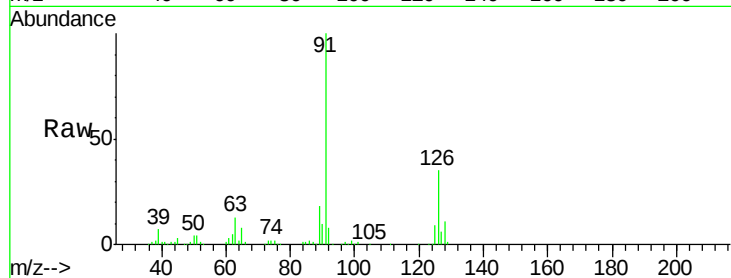
#79
 2-Chlorotoluene
 Concen: 53.237 ug/l
 RT: 12.67 min Scan# 3390
 Delta R.T. 0.00 min
 Lab File: VN056181.D
 Acq: 10 Jun 2019 19:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 413291
 Ion Ratio Lower Upper
 91 100
 126 36.1 18.1 54.4

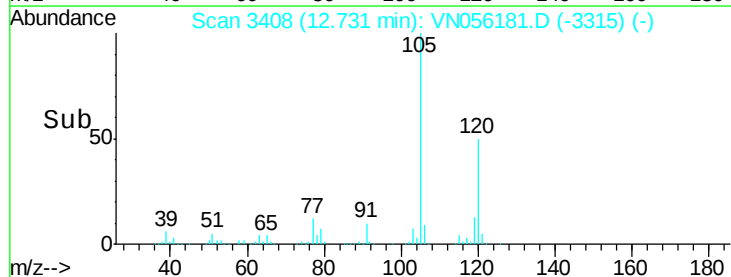
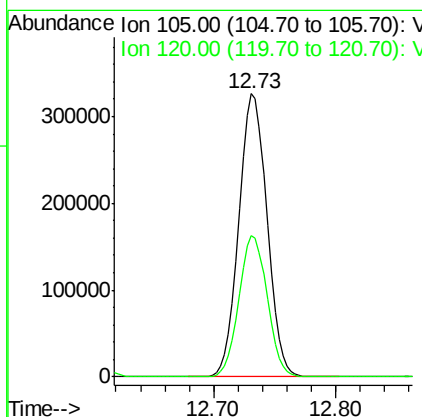
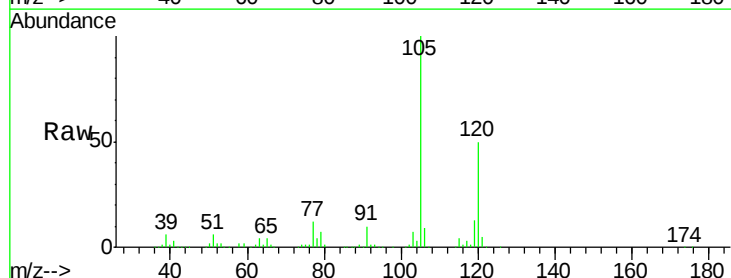
Manual Integrations
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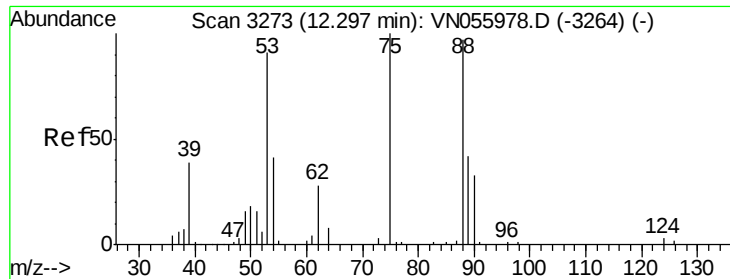
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#80
 1,3,5-Trimethylbenzene
 Concen: 46.557 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. -0.00 min
 Lab File: VN056181.D
 Acq: 10 Jun 2019 19:59

Tgt Ion: 105 Resp: 519345
 Ion Ratio Lower Upper
 105 100
 120 50.1 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 51.594 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN056181.D

Acq: 10 Jun 2019 19:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 47296

Ion Ratio Lower Upper

75 100

53 98.8 68.1 102.1

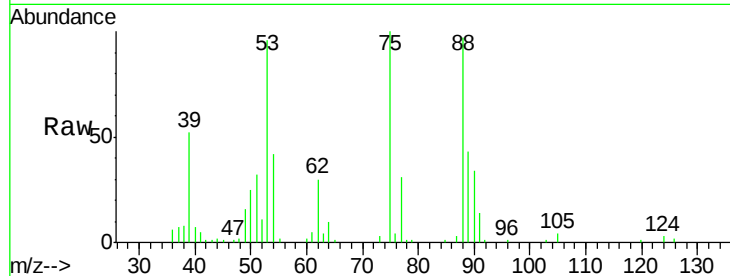
89 44.2 36.9 55.3

Manual Integrations

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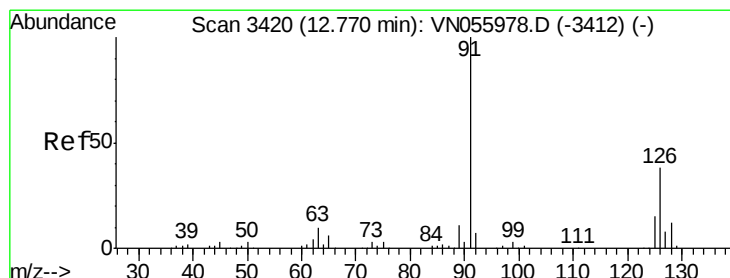
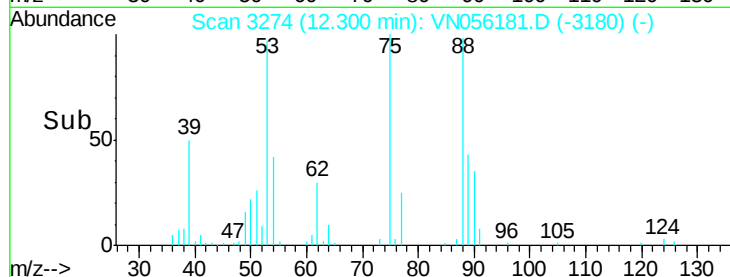
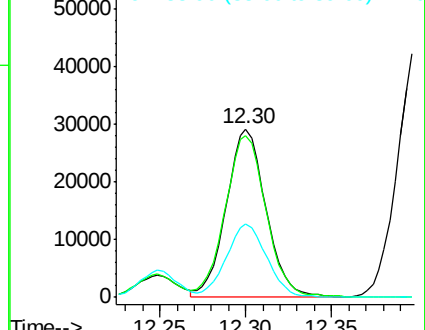
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Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 48.740 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN056181.D

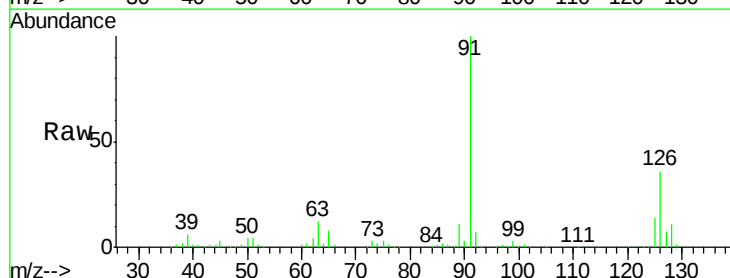
Acq: 10 Jun 2019 19:59

Tgt Ion: 91 Resp: 400231

Ion Ratio Lower Upper

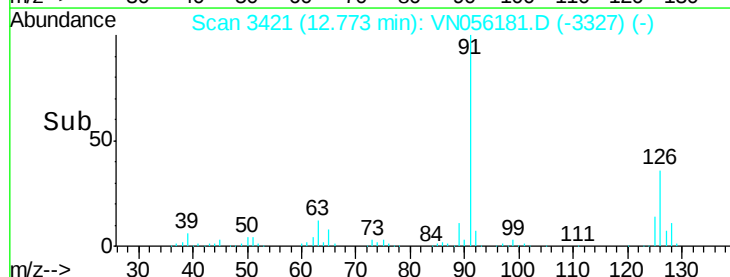
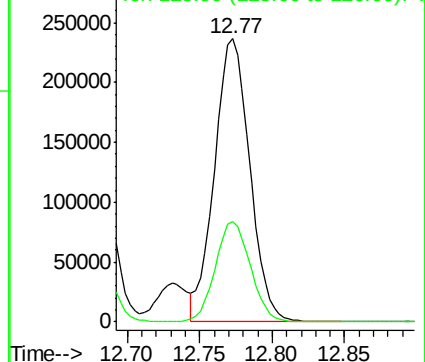
91 100

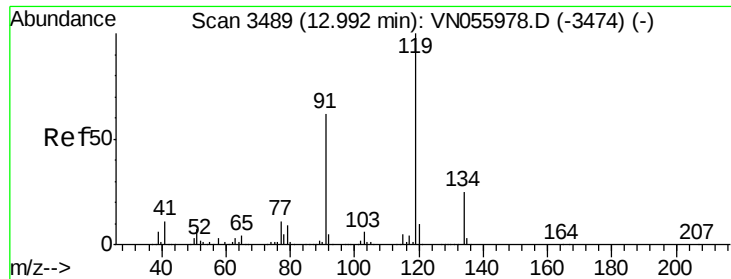
126 35.4 17.8 53.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 53.122 ug/l

RT: 12.99 min Scan# 3489

Delta R.T. 0.00 min

Lab File: VN056181.D

Acq: 10 Jun 2019 19:59

Instrument :

MSVOA_N

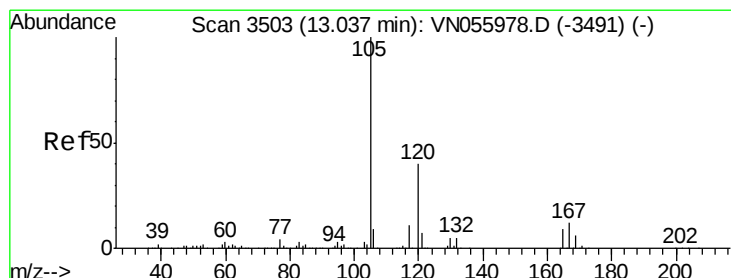
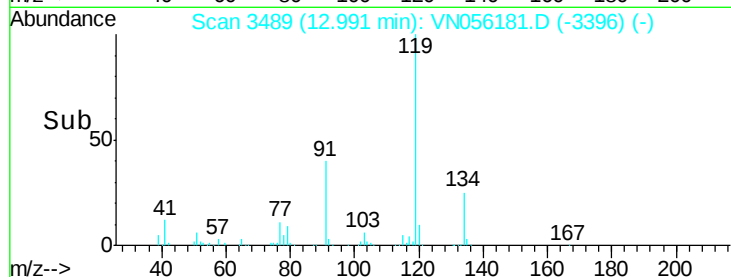
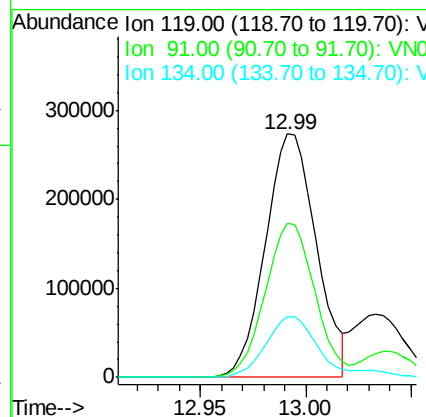
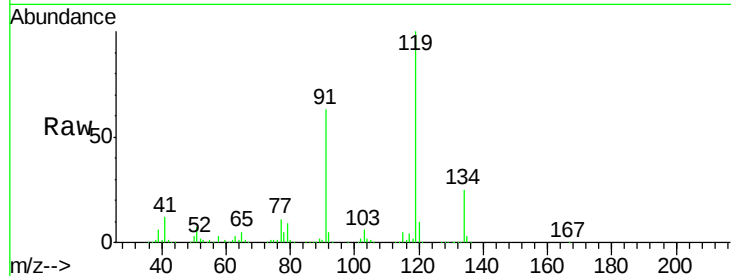
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	458299		
91	62.0	30.9	92.8	
134	27.0	13.3	39.8	

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#84

1,2,4-Trimethylbenzene

Concen: 48.667 ug/l

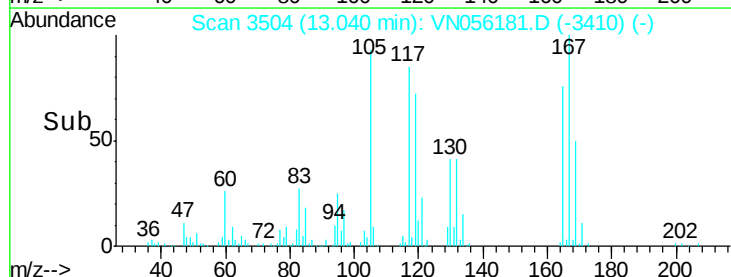
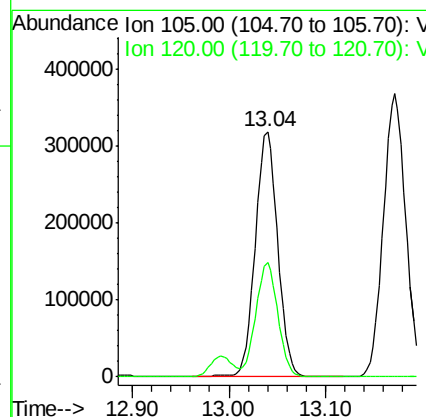
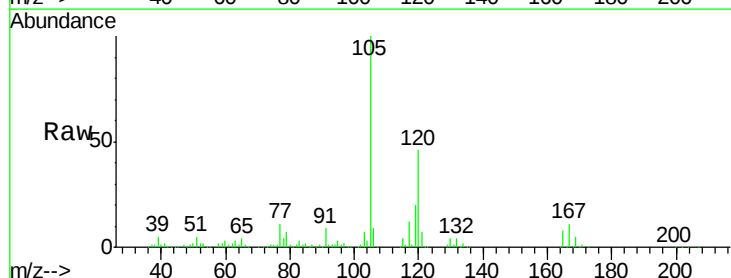
RT: 13.04 min Scan# 3504

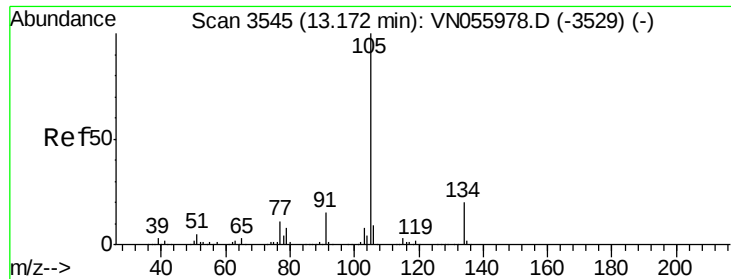
Delta R.T. 0.00 min

Lab File: VN056181.D

Acq: 10 Jun 2019 19:59

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	514816		
120	45.9	23.0	69.0	





#85

sec-Butylbenzene

Concen: 47.588 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN056181.D

Acq: 10 Jun 2019 19:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 591518

Ion Ratio Lower Upper

105 100

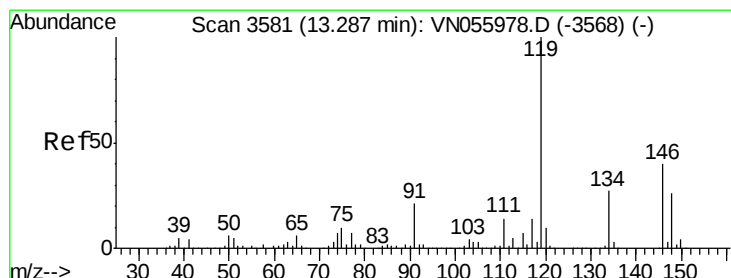
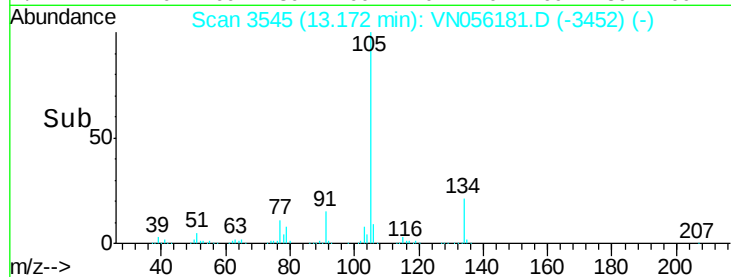
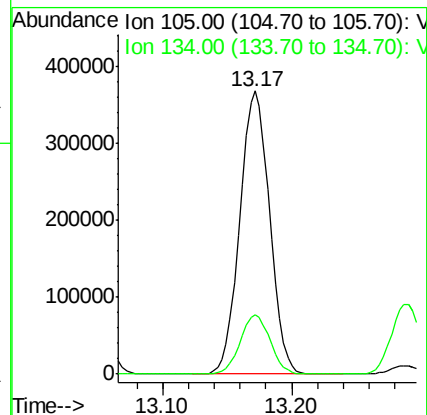
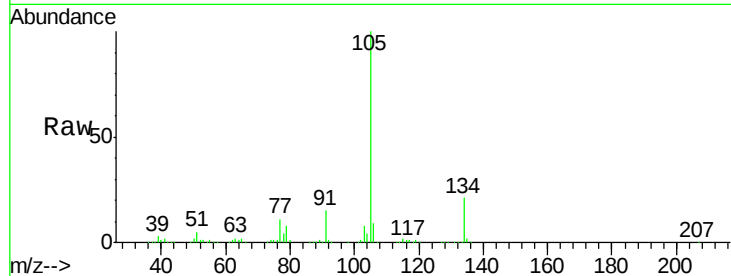
134 21.0 10.4 31.2

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#86

p-Isopropyltoluene

Concen: 47.915 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN056181.D

Acq: 10 Jun 2019 19:59

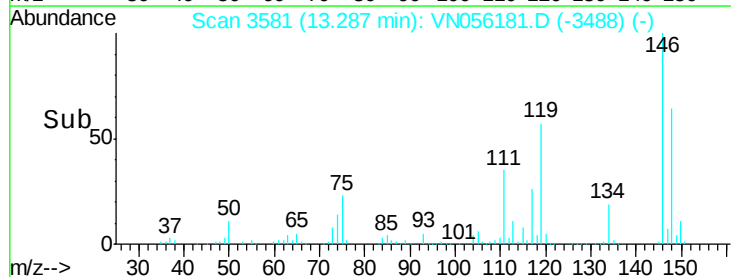
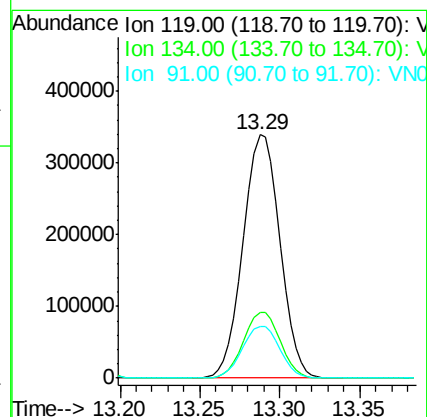
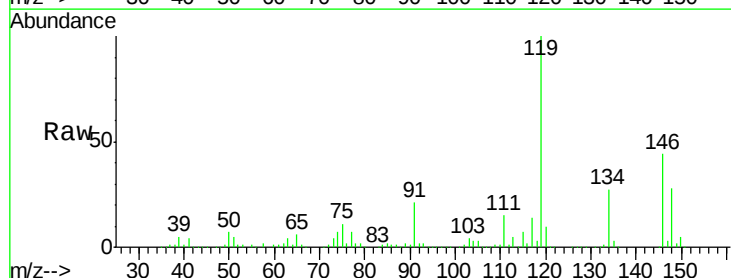
Tgt Ion:119 Resp: 533021

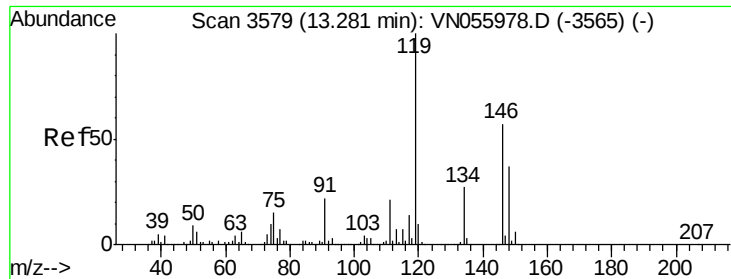
Ion Ratio Lower Upper

119 100

134 26.9 13.4 40.1

91 21.7 10.9 32.9





#87

1,3-Dichlorobenzene

Concen: 50.197 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN056181.D

Acq: 10 Jun 2019 19:59

Instrument :

MSVOA_N

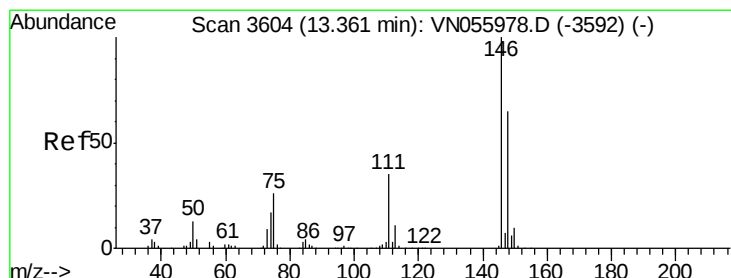
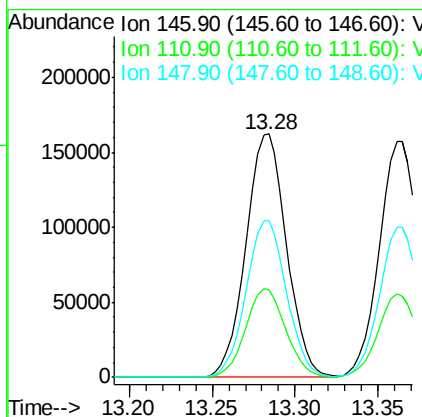
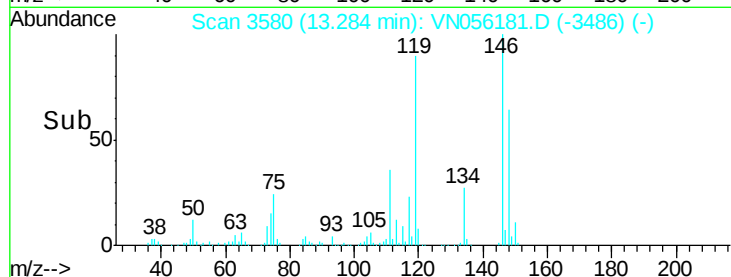
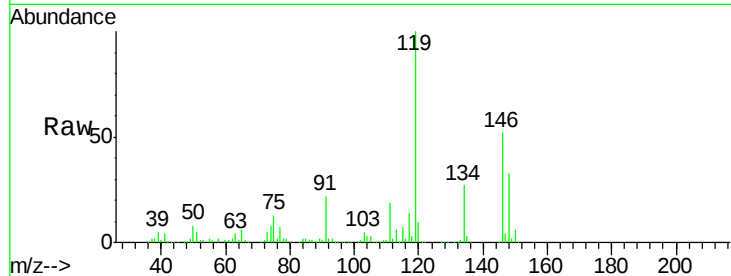
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.0	18.5	55.5
148	64.2	32.0	96.2

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#88

1,4-Dichlorobenzene

Concen: 49.779 ug/l

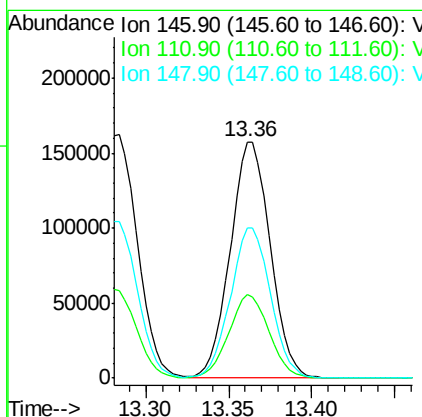
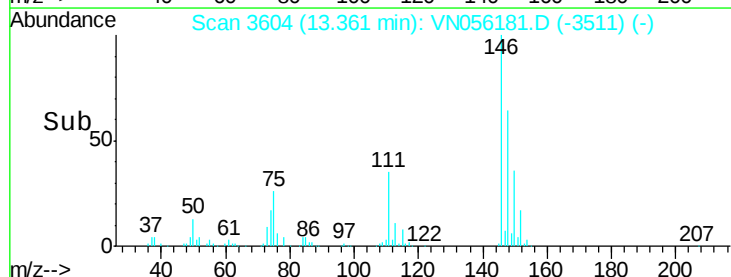
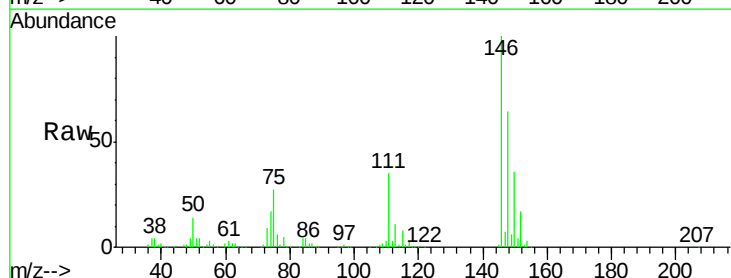
RT: 13.36 min Scan# 3604

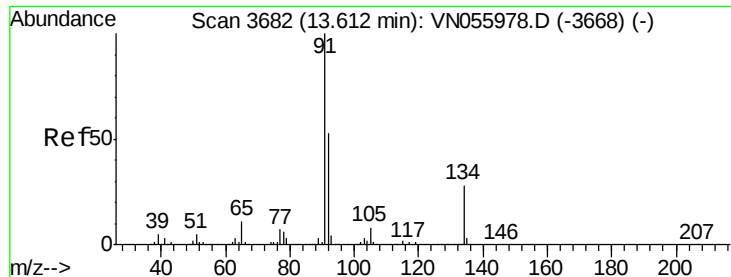
Delta R.T. -0.00 min

Lab File: VN056181.D

Acq: 10 Jun 2019 19:59

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.8	18.1	54.4
148	64.1	32.1	96.5





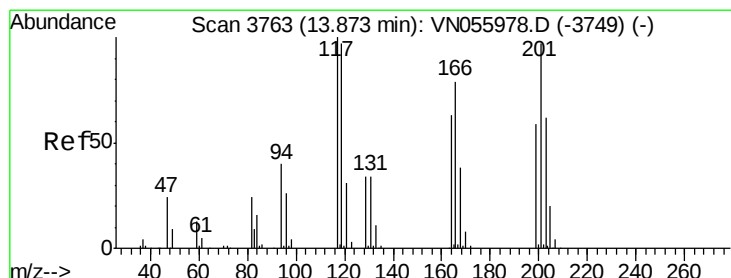
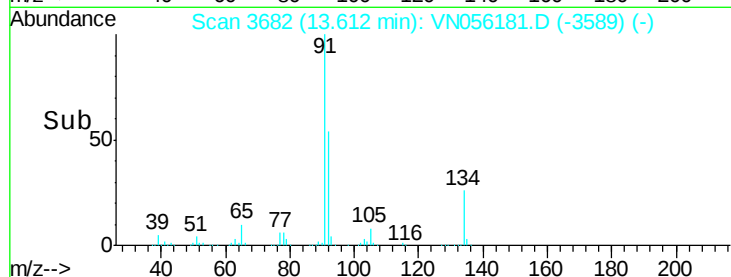
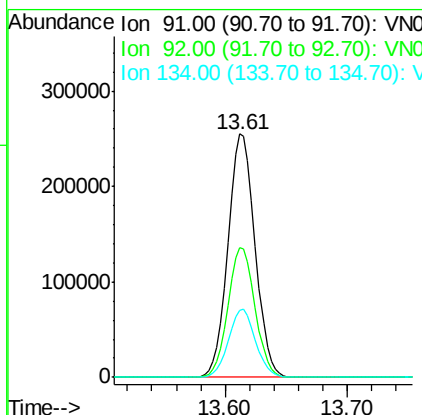
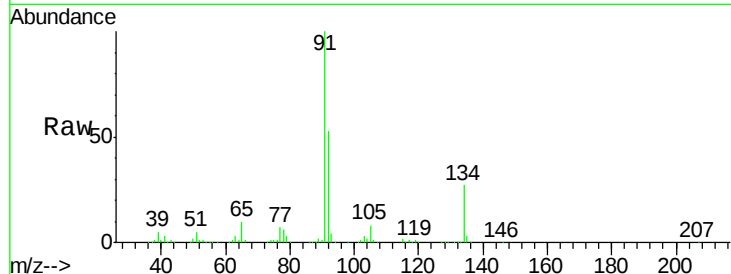
#89
n-Butylbenzene
Concen: 48.092 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN056181.D
Acq: 10 Jun 2019 19:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.2	26.4	79.0
134	27.7	13.9	41.7

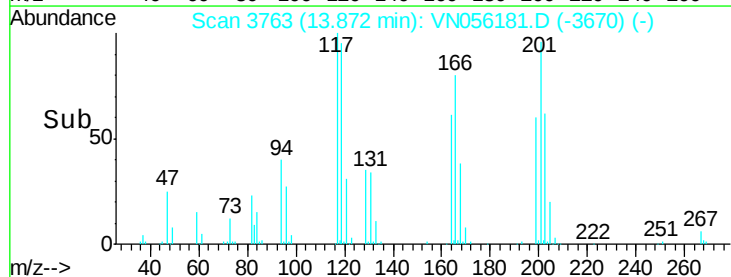
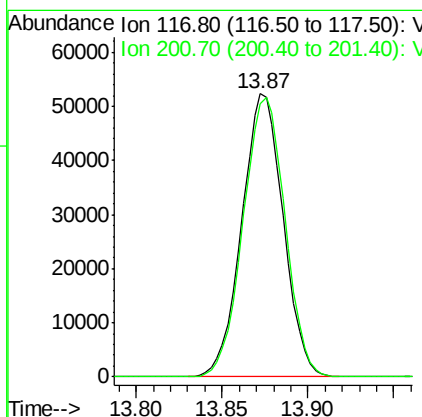
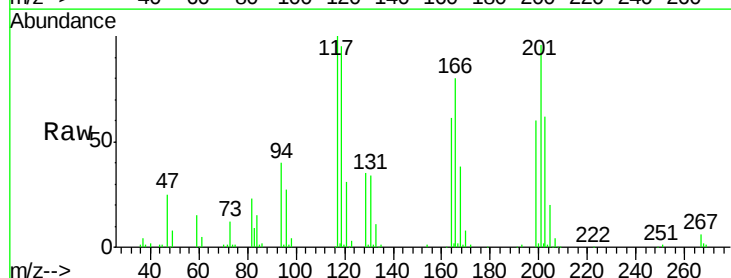
Manual Integrations
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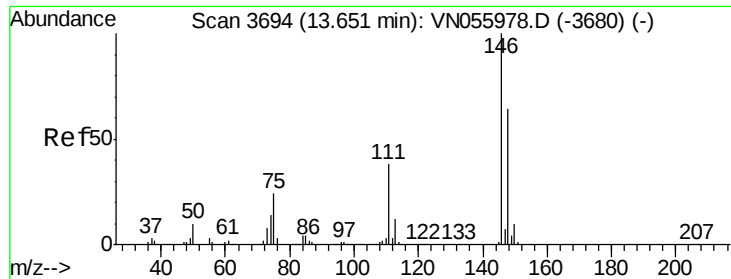
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#90
Hexachloroethane
Concen: 52.115 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. -0.00 min
Lab File: VN056181.D
Acq: 10 Jun 2019 19:59

Tgt Ion	Ratio	Lower	Upper
117	100		
201	100.0	50.0	150.0





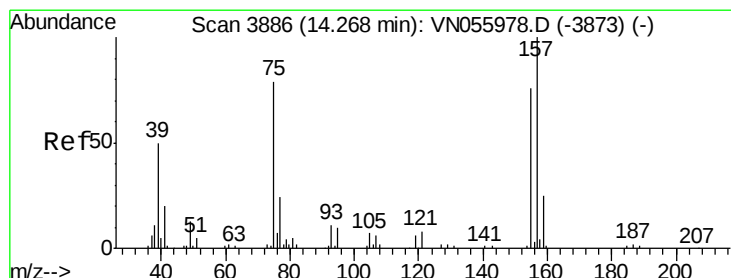
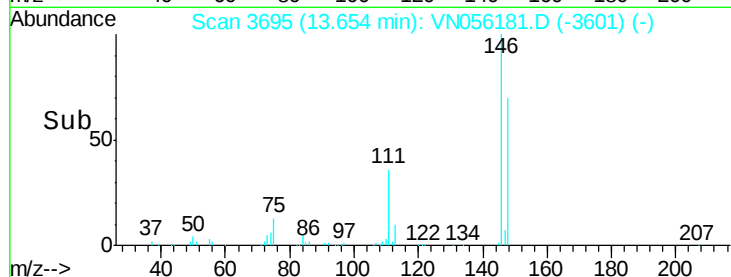
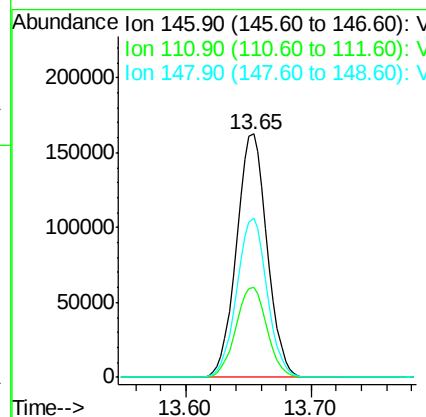
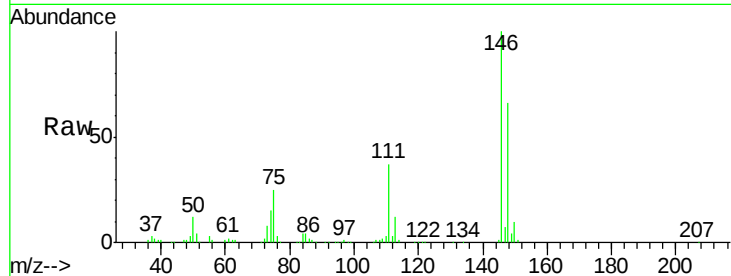
#91
 1,2-Dichlorobenzene
 Concen: 49.553 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN056181.D
 Acq: 10 Jun 2019 19:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.4	19.1	57.5
148	64.9	31.9	95.9

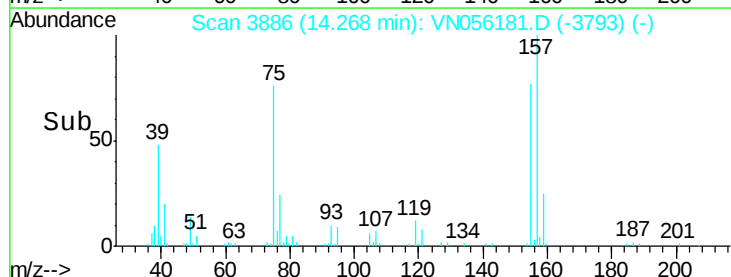
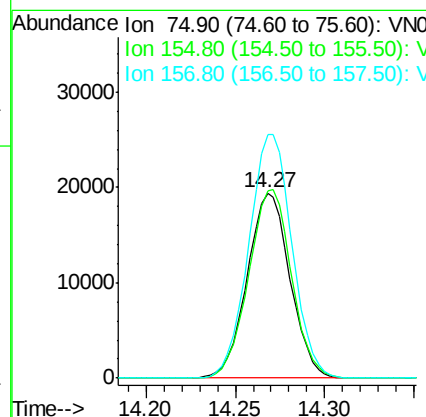
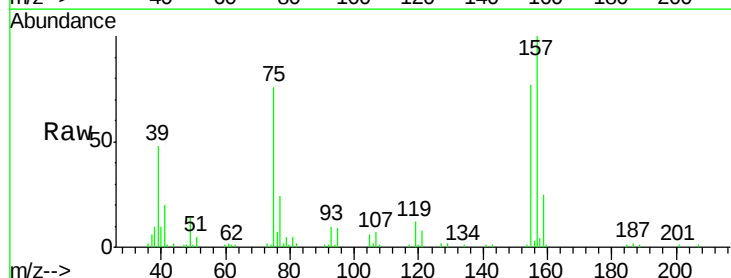
Manual Integrations
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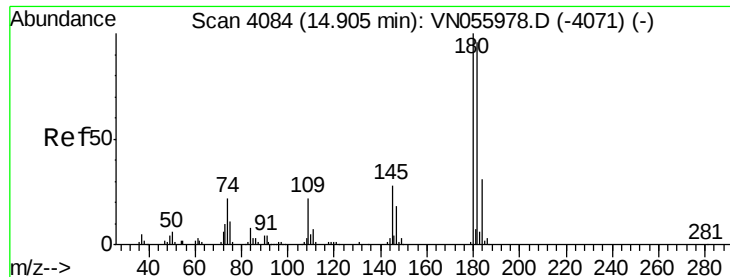
MMDadoda
 6/11/2019 11:59:54 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 59.019 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. -0.00 min
 Lab File: VN056181.D
 Acq: 10 Jun 2019 19:59

Tgt Ion	Ratio	Lower	Upper
75	100		
155	101.8	50.0	150.1
157	132.8	64.8	194.3





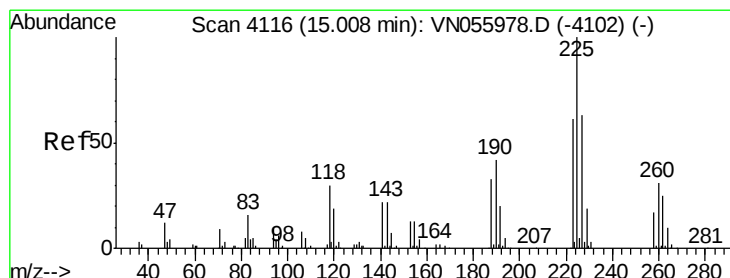
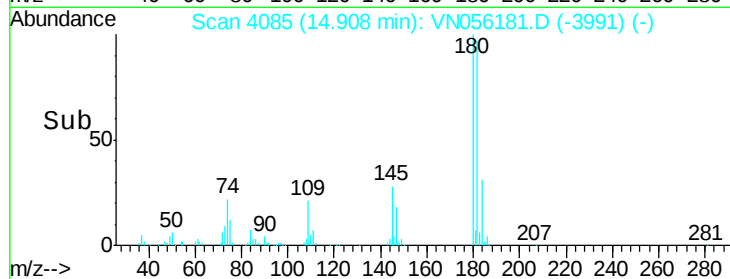
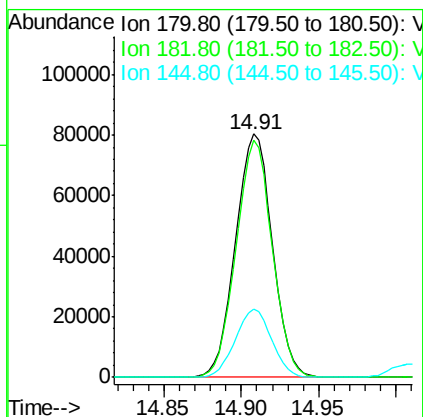
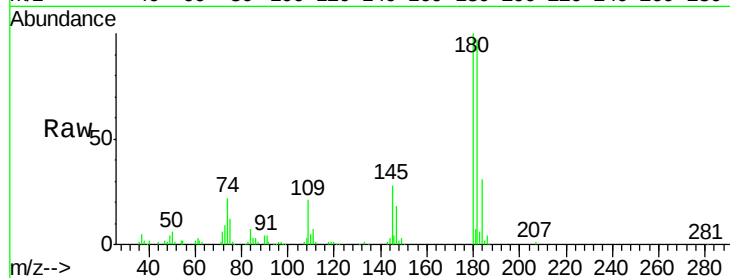
#93
 1,2,4-Trichlorobenzene
 Concen: 43.999 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN056181.D
 Acq: 10 Jun 2019 19:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.5	48.3	144.9
145	27.7	14.0	41.9

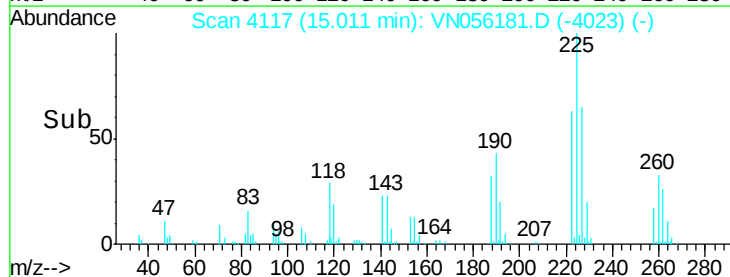
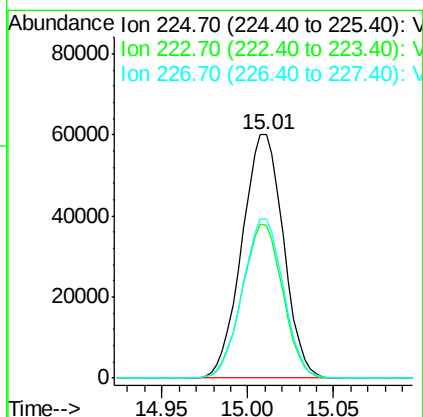
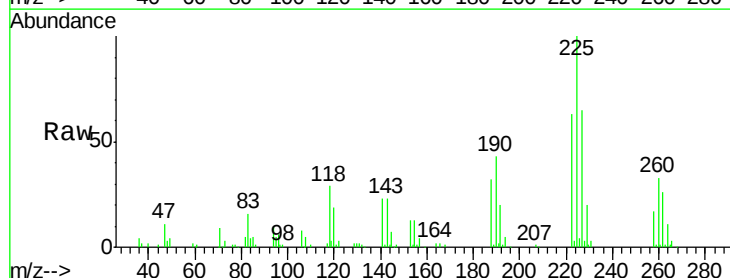
Manual Integrations
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#94
 Hexachlorobutadiene
 Concen: 52.810 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN056181.D
 Acq: 10 Jun 2019 19:59

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.8	30.9	92.7
227	64.7	31.6	94.7





#95

Naphthalene

Concen: 46.357 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN056181.D

Acq: 10 Jun 2019 19:59

Instrument :

MSVOA_N

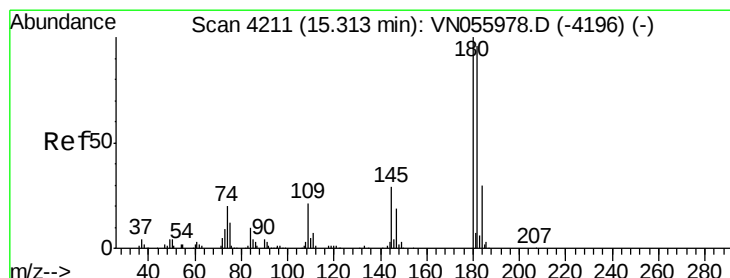
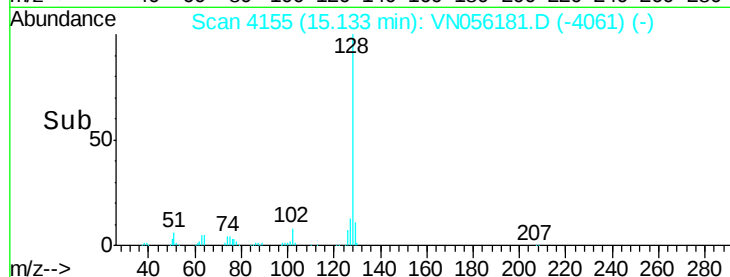
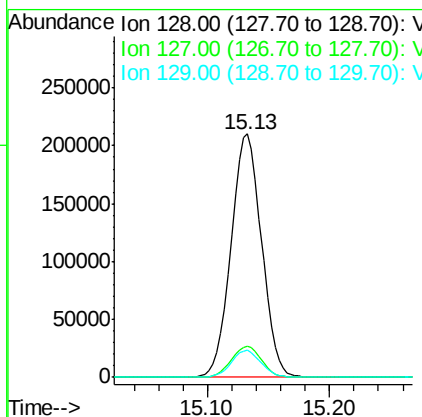
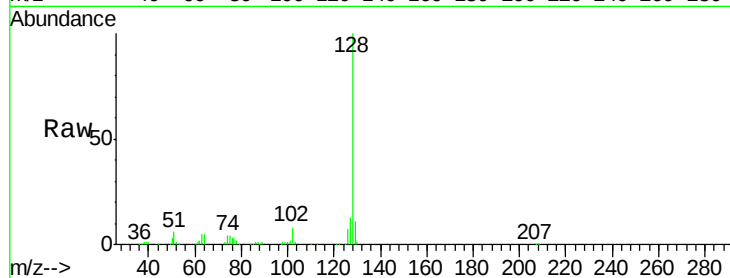
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	365447
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.3	15.5
129	10.9	8.7	13.1

Manual Integrations
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MMDadoda
6/11/2019 11:59:54 AM



#96

1,2,3-Trichlorobenzene

Concen: 47.925 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN056181.D

Acq: 10 Jun 2019 19:59

Tgt Ion:	180	Resp:	148969
Ion Ratio	Lower	Upper	
180	100		
182	96.4	47.9	143.7
145	29.6	14.9	44.7

